

6005 Fair Lakes Road
East Syracuse, NY 13057
P.O. Box 4733, Syracuse, NY 13221
Tel 315-634-6200

05-U-0144



January 11, 2007

**VIA CERTIFIED MAIL/
RETURN RECEIPT REQUESTED**

Secretary Jaclyn Brillling
N.Y.S. Department of Public Service
Three Empire State Plaza - 19th Floor
Albany, New York 12223

Re: Franchise Renewal Agreement

Dear Ms. Brillling:

Enclosed please find an original and 4 (four) copies of the application for renewal of the cable television franchise agreement between Time Warner Entertainment – Advance/Newhouse Partnership and the Village of Baldwinsville (Onondaga County).

If you have any questions, please do not hesitate to contact me at (315) 634-6107.

Very truly yours,

A handwritten signature in black ink, appearing to read "Thomas P. Doheny".

Thomas P. Doheny
Manager of Government Reporting

Enclosures

**CABLE TELEVISION
FRANCHISE RENEWAL AGREEMENT**

VILLAGE OF BALDWINSVILLE

THIS AGREEMENT, executed in triplicate this _____ day of _____, _____, by and between the VILLAGE OF BALDWINSVILLE, (hereinafter referred to as the Municipality) by the Mayor acting in accordance with the authority of the duly empowered local governing body, (hereinafter referred to as the Board) and TIME WARNER ENTERTAINMENT-ADVANCE/NEWHOUSE PARTNERSHIP, a New York General Partnership, organized and existing under the laws of the State of New York, the local place of business of which is located at 6005 Fair Lakes Road, P.O. Box 4733, East Syracuse, NY 13221, hereinafter referred to as "Time Warner Cable."

WITNESSETH

WHEREAS, Pursuant to the Village Law the Board has the exclusive power on behalf of the Municipality to grant franchises providing for or involving the use of the Streets (as defined in Section 1 hereof) and to give the consent of the Municipality to any franchisee for or relating to the occupation of the Streets; and

WHEREAS, Pursuant to the Communications Act of 1934, as amended, (the "Communications Act") the Board has the authority to grant cable television franchises and renewals thereof on behalf of the Municipality and whereas the Board and Time Warner Cable pursuant to said Federal Law and pursuant to applicable State laws and the regulations promulgated thereunder, have complied with the franchise procedures required of Municipalities and cable operators in the grant of cable television franchises or their renewal; and

WHEREAS, The Municipality has conducted negotiations with Time Warner Cable and has conducted one or more public hearings on Time Warner Cable's franchise renewal proposal affording all interested parties due process including notice and the opportunity to be heard; said deliberations included consideration and approval of Time Warner Cable's technical ability, financial condition and character; said public hearing also included consideration and approval of Time Warner Cable's plans for constructing and operating the cable television system; and

WHEREAS, Following such public hearings and such further opportunity for review, negotiations and other actions as the Board deemed necessary and that is required by law, the Board decided to renew Time Warner Cable's franchise as provided hereinafter; and

WHEREAS, The Board, in granting this franchise renewal, embodied in the agreement the results of its review and any negotiations with Time Warner Cable and has determined that said franchise agreement and Time Warner Cable respectively, fulfills and will fulfill the needs of the Municipality with respect to cable television service and complies with the standards and requirements of the New York State Public Service Commission ("NYSPSC");

NOW, THEREFORE, In consideration of the foregoing clauses, which clauses are hereby made a part of this franchise agreement, and the mutual covenants and agreements herein contained, the parties hereby covenant and agree:

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SECTION 1 - DEFINED TERMS

Unless the context clearly indicates that a different meaning is intended:

- (a) "Basic Service" means any service tier which includes the retransmission of local broadcast signals.
- (b) "Board" means the Board of Trustees of the Municipality.
- (c) "Cable Television Service" means
 - (1) The one way transmission to Subscribers of Video Programming, or other programming service, and
 - (2) Subscriber interaction, if any, which is required for the selection or use of such Video Programming, or other programming service.
- (d) "Cable Television System" means a facility, consisting of a set of closed transmission paths, including (without limitation) fiber optic wires or lines, and associated signal generation, reception and control equipment that provides Cable Television Service to multiple subscribers within a community.
- (e) "Time Warner Cable" means Time Warner Cable Entertainment-Advance/Newhouse Partnership.
- (f) "Effective Date" of this agreement shall be that date subsequent to confirmation of the Franchise, by the New York State Public Service Commission ("NYSPSC") agreed to by the parties, which date is (_____).
- (g) "Franchise" means the grant or authority given hereunder to Time Warner Cable to construct and operate a Cable Television System in the Municipality in accordance with the terms hereof.
- (h) "FCC" means the Federal Communications Commission, its designees and any successor thereto.
- (i) "GAAP" means Generally Accepted Accounting Principals.
- (j) "Gross Revenues" means all revenues, including franchise fees, derived either directly or indirectly from the provision of Cable Service provided to subscribers of this franchised municipality. Additionally, revenue from local advertising, leased access programming and home shopping shall be included and shall be calculated on a pro-rata basis using the number of subscribers served in the community. Gross Revenues shall be computed in accordance with Generally Accepted Accounting Principles ("GAAP"). Gross Revenues shall not include (1) excise taxes; or (2) sales taxes; or (3) debt; or (4) late fees or any other taxes or fees, excluding franchise fees, which are imposed on the Franchisee or any subscriber by any governmental unit and collected by the Franchisee for such governmental unit. The parties agree that should the FCC decide that cable modem services over a Cable System are "cable services" as defined under applicable federal law, the Village shall be entitled, after notification to Time Warner Cable, to amend this Agreement in the manner prescribed under applicable State law or this Franchise to include recurring monthly subscriber receipts from

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the provision of such services as "Gross Revenues" and Time Warner Cable agrees to pay franchise fees on such receipts, on a going forward basis, effective 60 days from the date of issuance of an Order from the NYSPSC approving such amendment.

(k) "May" is permissive.

(l) "Municipality" means the Village of Baldwinsville. Wherever the context shall permit, Board, Council and Municipality shall be used interchangeably and shall have the same meaning under this Franchise.

(m) "NYSPSC" means New York State Public Service Commission.

(n) "Person" means an individual, partnership, association, corporation, joint stock company trust, corporation, or organization of any kind.

(o) "Service Tier" means a category of Cable Television Service provided by Time Warner Cable over the Cable Television System for which a separate rate is charged for such category by Time Warner Cable.

(p) "Shall" or "will" are mandatory.

(q) "Streets" means the surface of, as well as the space above and below, any and all streets, avenues, highways, boulevards, concourses, driveways, bridges, tunnels, parks, parkways, waterways, docks and public grounds and waters within or belonging to the Municipality.

(r) "Subscriber" means any person lawfully receiving any Cable Television Service in the Municipality provided over the Cable Television System.

(s) "Video Programming" means any and all programming services provided by, or generally considered comparable to programming provided by a television broadcast station.

SECTION 2 - CONSENT TO FRANCHISE AND CONDITION PRECEDENT

(a) The Municipality hereby grants to Time Warner Cable the non-exclusive right to construct, erect, operate and maintain a Cable Television System and to provide Cable Television Service within the Municipality as it now exists and may hereafter be changed, and in so doing to use the Streets of the Municipality by erecting, installing, constructing, repairing, replacing, reconstructing, maintaining and retaining in, on, over, under, upon and across any and all said Streets such facilities (e.g., poles, wires, cables, conductors, ducts, conduits, vaults, pedestals, manholes, amplifiers, appliances, attachments and other property) as is deemed necessary or useful by Time Warner Cable, for the operation of its cable system. Additionally, the Municipality, insofar as it may have the authority to so grant, hereby authorizes Time Warner Cable to use any and all easements dedicated to compatible uses, such as electric, gas, telephone or other utility transmissions, for the purposes of erecting, installing, constructing, repairing, replacing, reconstructing, maintaining and retaining in, on, over, under, upon and across such easements such facilities of the Cable Television System as is deemed necessary or useful by Time Warner Cable, for the operation of its cable system. Upon request by Time Warner Cable and at Time Warner Cable's sole expense, the Municipality hereby agrees to assist Time Warner Cable in gaining access to and using such easements.

(b) Nothing in this Franchise shall limit the right of Time Warner Cable to transmit any kind

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of signal, frequency, or provide any type of service now in existence or which may come into existence and which is capable of being lawfully transmitted and distributed by those facilities owned and operated by Time Warner Cable. The provision by Time Warner Cable of any service other than cable service shall be subject to all applicable laws and regulations and to any right the Municipality may have to require fair and reasonable compensation for Time Warner Cable's use of the rights-of-way to provide such service, provided that such requirement is non-discriminatory and competitively neutral.

(c) Without waiver or restriction of the rights available to the parties hereto under applicable law, this Franchise and the attachments hereto constitute the entire agreement between the parties and supersede any and all prior cable television agreements and other agreements or instruments by or between the parties hereto or their predecessors in interest as well as all rights, obligations and liabilities arising thereunder concerning or in any way relating to Cable Television Service.

(d) In the event the Municipality grants to any other Person (being referred to as "Grantee" in the below quoted paragraph) a franchise, consent or other right to occupy or use the Streets, or any part thereof, for the construction, operation or maintenance of all or part of a cable television system or any similar system or technology, the Municipality shall insert the following language into any such franchise, consent or other document and/or promptly pass a resolution, conditioning the use of the Streets or any part thereof by any such Person, as follows:

"Grantee agrees that it will not move, damage, penetrate, replace or interrupt any portion of the Cable Television System of Time Warner Cable without the prior written consent of Time Warner Cable. Grantee shall indemnify Time Warner Cable against any damages or expenses incurred by Time Warner Cable as a result of any removal, damage, penetration, replacement or interruption of the services of Time Warner Cable caused by the Grantee." As used immediately above in the above quoted paragraph, the term "Time Warner Cable" shall mean Time Warner Cable Entertainment-Advance/Newhouse Partnership, as defined in this Franchise, and its successors, assigns and transferees.

(e) This Franchise is non-exclusive. Any grant of a subsequent franchise shall be on terms and conditions which are not more favorable or less burdensome than those imposed on Franchisee hereunder.

As used in this Section, the phrase, "occupancy or use of Streets," or any similar phrase, shall not be limited to the physical occupancy or use thereof but shall include any use above or below the Streets by any technology including but not limited to infrared transmissions.

SECTION 3 - APPROVAL OF COMPANY BY MUNICIPALITY

(a) This Franchise is subject to and complies with all applicable Federal and State laws and regulations, including, without limitation, the rules of the NYSPSC concerning franchise standards. The Municipality hereby acknowledges and agrees that this Franchise has been entered into by it in accordance with and pursuant to the Communications Act of 1934, as amended, 47 U.S.C. Sec. 521 et seq. (hereinafter referred to as the "Communications Act"). The Municipality hereby represents and warrants that this Franchise has been duly entered

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into in accordance with all applicable local laws. The Municipality hereby acknowledges that it, by duly authorized members thereof, has met with Time Warner Cable for the purposes of evaluating Time Warner Cable and negotiating and consummating this Franchise.

(b) In a full and public proceeding, affording due process, the Municipality has considered and approved Time Warner Cable's technical ability and character and has considered and found adequate Time Warner Cable's plans for constructing and operating the cable system.

SECTION 4 - FRANCHISE TERM

(a) The term of this Franchise shall be ten (10) years, commencing on the date the NYS PSC approves said franchise agreement and terminating on the _____ of _____, 2016.

(b) Notwithstanding any other provision in this Franchise: In the event any change to local, state or federal law occurring during the term of this Franchise eliminates the requirement for any persons desiring to construct, operate or maintain a cable system in the Municipality to obtain a franchise from the Municipality for the construction, operation or maintenance of a cable system, then, at Company's sole option, Company shall have the right immediately to terminate this Franchise. If Company chooses to terminate this Franchise pursuant to this provision, this Franchise shall be deemed to have expired by its terms on the effective date of any such change in law, whether or not such law allows existing franchise agreements to continue until the date of expiration provided in any existing franchise. Furthermore, in the event any change to local, state or federal law occurring during the term of this Franchise materially alters the regime of cable franchising applicable to any persons desiring to construct, operate or maintain a cable system in the Municipality in a way that reduces the regulatory or economic burdens for such person, then, at Company's request, the Municipality shall agree with Company to amend this Franchise to similarly reduce the regulatory or economic burdens on Company. All amendments must have PSC approval to the extent required by applicable law. It is the intent of this section that, at Company's election, Company shall be subject to no more burdensome regulation or provided lesser benefits under this Franchise than any other persons that might provide cable service in the Municipality.

SECTION 5 - ASSIGNMENT OR TRANSFER OF FRANCHISE

(a) Time Warner Cable shall not transfer this Franchise to any person, firm, company, corporation or any other entity without the prior written consent of the Municipality, which consent shall not be unreasonably withheld or denied.

(b) Notwithstanding the above, this Section 5 shall not be applicable and no prior approval shall be required if Time Warner Cable shall transfer this Franchise to any of its principal partners, to any parent, subsidiary or affiliate of any of the principal partners of Time Warner Cable, or to any other firms or entities controlling, controlled, by or under the same common control as Time Warner Cable.

(c) In the event that the Municipality refuses to grant such consent, it shall set forth specific reasons for its decision in writing by municipal resolution.

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SECTION 6 - REVOCATION

(a) The Municipality may revoke this Franchise and all rights afforded Time Warner Cable hereunder in any of the following events or for any of the following reasons:

(i) Time Warner Cable fails to pay within thirty (30) business days of its due date any undisputed franchise fees pursuant to this franchise agreement; or

(ii) Time Warner Cable fails to substantially comply or takes reasonable steps to comply with the material provision of this franchise agreement; or

(iii) Time Warner Cable is adjudged a bankrupt; or

(iv) Time Warner Cable knowingly and willfully attempts or does practice a material fraud or deceit in its securing of this Franchise.

(b) Prior to such revocation, the Municipality shall provide written notice to Time Warner Cable describing in reasonable detail the alleged violation so as to afford the Franchisee an opportunity to remedy the same. Time Warner Cable shall have 30 days subsequent to receipt of the notice in which to correct the violation or if such violation is of such a nature or character to require more than 30 days within which to correct, such time period shall be extended provided however, Time Warner Cable has commenced corrective action within fifteen (15) days and thereafter exercises due diligence to correct the same. Time Warner Cable may notify the Municipality that there is a dispute as to whether a violation or failure has, in fact, occurred, Such notice by Time Warner Cable shall specify with particularity the matters disputed by Time Warner Cable and said notice shall stay the revocation, Upon receipt of said notice from Time Warner Cable, the Municipality shall, following no less than fifteen (15) days prior written notice to Time Warner Cable, schedule a Village Board meeting.

(c) The Municipality shall hear Time Warner Cable's dispute at the Village Board meeting at which Time Warner Cable and public will be afforded a full and fair opportunity to be heard, The Village Board shall determine if Time Warner Cable has committed any of the violations as outlined in (i) through (iv) above and shall make written findings of fact relative to its determination. Time Warner Cable shall have the right to appeal any resolution setting forth a cause and reason for revocation to a state or federal district court as Time Warner Cable may choose and the revocation shall not become effective until any such appeal has become final or the time for taking such appeal shall have expired.

SECTION 7 - INDEMNIFICATION & INSURANCE

To the maximum extent permitted by law, Time Warner Cable shall indemnify and hold the Municipality harmless from and against any and all claims, suits, judgments, losses or expenses of any kind, including without limitation reasonable litigation expenses and attorney's fees, arising out of the construction, erection, operation, maintenance or repair by Time Warner Cable of its Cable Television System or otherwise arising out of the exercise of the franchise rights granted herein, but only to the extent caused by acts or omissions of Time Warner Cable, or any of its agents, servants, employees or contractors. Additionally, Time Warner Cable agrees to procure and maintain during the term of this agreement public liability insurance covering claims for bodily injuries, including death, and property damage, arising out of its operations, written by an insurance company licensed to do business in the State of New York, in the amounts specified below.

(a) Amounts of Insurance: The amounts of insurance required by the preceding paragraph, shall be in the combined amount of Five Million Dollars (\$5,000,000) for bodily injury and

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property damage. In the event that the Village, during the term of this franchise, required generally a higher limit of insurance than provided herein, the amount of insurance shall be increased to the amounts generally required by the Village not to exceed annual CPI increased per year upon 60 days written notice from the Village to Time Warner Cable.

(b) Village as Insured: The Municipality shall be named as an additional named insured in all insurance policies stipulated herein. All policies required hereunder shall include a provision that the insurance will not be cancelled for any reason (including non payment) unless and until notice for such cancellation has been provided to the Municipality at least thirty (30) days prior to the intended date of cancellation. Coverage provided to the Municipality as an additional named insured under the Time Warner Cable policies shall be primary coverage over any other coverage available to the Municipality for claims arising out of the construction, erection, operation, maintenance or repair of the Cable Television System.

(c) Certificate of Insurance: Certificates evidencing insurance coverage required by this Franchise shall be filed with the Municipality within thirty (30) days of the effective date of the Franchise.

(d) Worker's Compensation: Time Warner Cable shall carry such insurance as it deems necessary to protect it from claims made under the applicable New York State Worker's Compensation Laws.

(e) Notification of Claims: The Municipality shall notify Time Warner Cable or its local representative within fifteen (15) business days in case of presentation to the Municipality of any claim, demand, suit or action of any type against the Municipality caused by Time Warner Cable. Time Warner Cable may appear in and defend any and all suits, actions, or other legal proceedings, whether judicial, quasi judicial, administrative, legislative, or otherwise, brought or instituted or had by third persons or duly constituted authorities, against, or affecting Municipality, its officers, councilpersons, commissions, agents, or employees, and arising out of or pertaining to the exercise or the enjoyment of this Franchise or the granting thereof by the Municipality. Time Warner Cable shall have sole discretion to compromise, settle or defend said suits, actions or other legal proceedings.

SECTION 8 - USE OF EXISTING POLES AND LOCATION OF UNDERGROUND FACILITIES

(a) Time Warner Cable hereby agrees that when and wherever it deems it economical and reasonably feasible, it shall enter into agreements with telephone or electric or other utilities (collectively "utilities") for the use of said utilities' poles or conduit space whereby said utilities shall provide use of and access to said poles or conduit space by Time Warner Cable for Time Warner Cable's lines and other equipment. Notwithstanding the above, where necessary to service Subscribers and where attachment to the pole(s) or conduit space of utilities is not economically reasonable or otherwise feasible, Time Warner Cable may erect or authorize or permit others to erect any poles or conduit space or any other facilities within the Streets of the Municipality pursuant to the issuance by the Municipality of any necessary authorizations which shall not be unreasonably withheld or delayed.

(b) Subject to the provisions of sub-paragraph (c) below, in such areas of the Municipality where it or any sub-division thereof shall hereafter duly require that all utility lines be installed underground, Time Warner Cable shall install its lines underground in accordance with such requirement.

(c) Notwithstanding the foregoing, if Time Warner Cable shall in any instance be unable to install or locate its wires underground, then the Municipality, on being apprised of the facts

thereof, shall permit such wires to be installed above the ground even though other facilities in the area may be placed, or required to be placed, underground. However, any such permission shall be on such conditions as the Municipality may reasonably require.

SECTION 9 - RELOCATION OF PROPERTY

(a) Whenever the Municipality shall require the relocation or reinstallation of any property of Time Warner Cable in or on any of the Streets of the Municipality as a result of the relocation or other improvements by the Municipality of any such Streets, it shall be the obligation of Time Warner Cable on written notice of such requirement to remove and relocate or reinstall such property as may be reasonably necessary to meet the requirements of the Municipality. In the event any other person, including a public utility, is compensated for similar relocation or reinstallation then in such case Time Warner Cable shall be similarly compensated.

(b) Time Warner Cable shall, on request of a person holding a building or moving permit issued by the Municipality, temporarily raise or lower its wires or other property or relocate the same temporarily so as to permit the moving or erection of buildings. The expenses of any such temporary removal, raising or lowering of wires or other property shall be paid in advance to Time Warner Cable by the person requesting the same. Time Warner Cable shall be given in such cases not less than five (5) working days prior written notice in order to arrange for the changes required.

SECTION 10 - USE & INSTALLATION

(a) Time Warner Cable or any person authorized by Time Warner Cable to erect, construct or maintain any of the property of Time Warner Cable used in the transmission or reception of Cable Television Service shall at all times employ due care under the facts and circumstances and shall maintain and install said property of Time Warner Cable in accordance with commonly accepted methods and principles in the cable television industry so as to prevent failures and accidents likely to cause damage or injury to members of the public. All Cable Television System equipment shall conform to those standards of the National Electrical Code and the National Board of Fire Underwriters which exist at the time said equipment is installed and replaced.

(b) Time Warner Cable agrees to install all Cable Television System equipment in a manner to reasonably minimize interference to be expected with the usual use of the Streets and in no event shall any such Cable Television System equipment be located so as to substantially and regularly interfere with the usual public travel on any Street of the Municipality. Time Warner Cable shall construct and maintain its cable system using materials of good and durable quality and shall perform all work involved in the construction, installation, maintenance and repair of the cable system in a safe, thorough and reliable manner. Time Warner Cable shall promptly repair or replace any municipal property damaged or destroyed by Time Warner Cable so as to restore it to serviceable condition.

(c) Whenever Time Warner Cable or any person on its behalf shall cause any injury or damage to public property or Street, by or because of the installation, maintenance or operation of the Cable Television System equipment, such injury or damage shall be remedied as soon as reasonably possible after the earlier of notice to Time Warner Cable from the Municipality or after Time Warner Cable becomes aware of the same, in such fashion so as to restore the property or Street to serviceable condition. Time Warner Cable is hereby granted the authority to trim trees upon and overhanging the Streets of, and abutting

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private property, (i.e., in the public way) in the Municipality to the extent it reasonably deems necessary so as to prevent the branches or growths from coming in contact with the wires, cable and other equipment of Franchisee's Cable Television System.

SECTION 11 - CONTINUOUS SERVICE

Franchisee shall continue to provide Cable Service to all subscribers who meet their obligations to the Franchisee with respect to such service. Franchisee shall not, without the written consent of the Village to abandon its Cable Television System or any portion thereof. Such approval shall not be unreasonably withheld.

SECTION 12 - FRANCHISE AREA AND LINE EXTENSION

Time Warner Cable shall comply with the requirements for construction of cable television plant and provision of cable television services as set forth in Section 595.5 of the Rules of the NYSPSC. For purposes of the calculation under Section 595.5, the number of homes per linear mile shall be twenty (20).

SECTION 13 - OPERATION AND MAINTENANCE

(a) Time Warner Cable shall construct and maintain its cable system using materials of good and durable quality and shall perform all work involved in the construction, installation, maintenance and repair of the cable system in a safe, thorough and reliable manner.

(b) Time Warner Cable shall maintain and operate its cable television system at all times in compliance with the duly promulgated and lawful provisions of Section 596 of the Rules and Regulations of the NYSPSC and the technical requirements set forth by the FCC. Time Warner Cable shall maintain staffing levels and support equipment to assure that telephone inquiries are handled promptly in order to minimize busy signals and hold time. Time Warner Cable shall have, at all times, a person on call able to perform minor repairs or corrections to malfunctioning equipment of the cable system. Time Warner Cable shall respond to individual requests for repair service no later than the next business day. System outages, and problems associated with channel scrambling and switching equipment, shall be acted upon promptly after notification. Time Warner Cable shall maintain a means to receive repair service requests and notice of system outages at times when its business office is closed. The Municipality shall have the right and authority to request an inspection or test performed, all at the Municipality's expense. Time Warner Cable shall fully cooperate in the performance of such testing.

(c) Throughout the term of this Franchise, Franchisee's Cable Television System shall have a minimum channel capacity of 750 MHz.

(d) The Cable Television System shall conform to all applicable federal, state and generally applicable, non-discriminatory local laws, codes, regulations, rules, and ordinances. Additionally, with respect to safety, the Company shall comply with the National Electrical Safety Code (NESC), the National Electric Code (NEC) and the standards of the Occupational Safety and Health Administration in effect at the time of installation. Should any installation caused by the Company be found by the Village to be hazardous to the public safety, said installation shall be brought into conformance by the Company at its expense. Any opening, obstructions, or other safety hazard in streets, sidewalks, public ways or other municipal or public property made or caused by the Company or its agent, shall be guarded and protected at all times by the placement of adequate barriers,

fences, boarding, other protective and/or warning devices at the sole expense of the Company.

- (e) Inspection of System: The Village or its officially designated representative or agents, shall have the right to observe and review all construction or installation work performed subject to the provisions of this Franchise, and to make such inspections as it shall find necessary to insure compliance with the terms of this Franchise or other pertinent provisions of law. The Company shall be offered the opportunity to accompany the Village on all such inspections.
- (f) The Company's local system manager shall, upon request of the Municipality, meet in public session with the Municipality to respond to inquiries of the Municipality and subscribers as to aspects of the Company's service. Topics which may be discussed at any performance evaluation session may include, but not limited to, system performance, compliance with this franchise and applicable law. Customer service and complaint response, subscriber privacy, service rate structures, franchise fees, penalties, free and discounted services, applications of new technologies and judicial and FCC filings. Prior to the afore-referenced meeting, the Company shall notify its subscribers of such meetings by regular or continuous announcement on at least one television channel of its Cable Communications System available to all subscribers and commonly used for meeting notices and similar community information. Such notices shall commence not less than five (5) days prior to the date of each evaluation meeting. Each performance evaluation session shall be deemed to have been closed as of the date the Municipality issues a final report on its findings, and the Municipality shall provide the Company with a copy of the final report as soon as it is available.

SECTION 14 - RATES

- (a) The rates and charges imposed by Time Warner Cable for cable television service shall be subject to the approval of the Municipality and the NYSPSC to the extent consistent with applicable State and Federal law.
- (b) Time Warner Cable shall not illegally discriminate against individuals in the establishment and application of rates and charges for Video Programming or other communication services available to generally all subscribers.

SECTION 15 - SERVICE TO PUBLIC FACILITIES, ACCOUNTABILITY PROVISIONS AND INSPECTION OF RECORDS

- (a) At the request of the Municipality, Time Warner Cable shall provide and maintain a single service outlet to any state accredited school, police station, firehouse and municipally owned building which is occupied for governmental purposes, provided the connection point is no further than two hundred feet (200') from the closest feeder line of the Cable Television System. All such connections shall be above ground except where all utility lines and cables in the area are underground. The Municipality shall not extend such service to additional outlets, without the express written consent of Time Warner Cable.
- (b) Municipality, upon reasonable notice and during normal business hours, shall have the right to inspect all books, records, maps, plans, financial statements and other like materials of Time Warner Cable which are pertinent to Time Warner Cable's compliance with the terms and conditions of this Franchise.

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(c) Municipality and Time Warner Cable agree that Time Warner Cable's obligations hereunder are subject to any applicable law, including laws regarding the privacy of information regarding subscribers.

(d) Municipality will maintain the confidentiality of any information obtained pursuant to this provision to the extent permitted by law, provided Time Warner Cable has advised Municipality of the confidential nature of the information. In the event that the Municipality receives request for the disclosure of such information with which it, in good faith, believes it must under law comply, then the Municipality will give Time Warner Cable notice of such request as soon as possible prior to disclosure in order to allow Time Warner Cable to take such steps as it may deem appropriate to seek judicial or other remedies to protect the confidentiality of such information.

(e) The Company shall submit, upon written request and within 10 business days of such request, copies of all specifically identified petitions, applications and communications relating to the Village or this Franchise, which are submitted by the Company to the Federal Communications Commission, the New York State Public Service Commission, or any other Federal, or State regulatory commission or agency having jurisdiction in respect to any matters affecting cable communications in the Village of Baldwinsville authorized pursuant to this Franchise. Such reports are specifically to include all financial reports and other financial information the Company may file with the New York State Public Service Commission and the New York State Council of Equalization and Assessment.

(f) Company shall maintain the following records, consistent with section 596.8 of the PSC rules:

(i) A record of all service calls received, as defined under section 590.6 of the PSC rules, including the date and time received, nature of complaint, date and time resolved, and action taken to resolve.

(ii) A log showing the date, approximate time and duration, type and probable cause of all cable system outages, whole or partial, due to causes other than routine testing or maintenance.

(g) The Company shall maintain maps of suitable scale showing the location of headend, all trunk and distribution lines. Service drops need not be shown. Upon written request, within ten (10) days, the Company shall allow the Municipality to inspect all such maps for the purpose of insuring compliance with this franchise.

SECTION 16 - PUBLIC, EDUCATIONAL AND GOVERNMENTAL ACCESS CHANNELS

(a) This Franchise and the franchises for the Town of Lysander, Town of Van Buren and Village of Baldwinsville were negotiated by representatives of the Town of Lysander, Town of Van Buren and Village of Baldwinsville and the PEG provision under the franchise for the respective communities provide benefits for the municipalities in the aggregate.

(b) Time Warner Cable shall comply with the minimum standards for public, educational and governmental (PEG) access channels as set forth in Section 595.4 of the Rules of the NYSPSC.

(c) The PEG channel(s) shall be available for use in accordance with federal law, the rules of

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the NYSPSC and the rules of the entity responsible for administration of the PEG channel(s) for the communities of Town of Lysander, Town of Van Buren and Village of Baldwinsville.

(d) In support of the community's public access operations, Time Warner Cable pledges in-kind promotional, technical, engineering and production support, utilizing available and existing resources and the expertise of Time Warner's staff valued on average at \$2,000.00/year over the duration of the franchise. This support may include non-cash items as requested by PAC-B such as: donation of public service announcements or other customer communications promoting the public access channel; connectivity to the Time Warner video distribution network; establishment of new drop locations; loan or donation of equipment; or other in-kind (non-cash) resources as determined by Time Warner Cable and approved by PAC-B.

(e) In the event Time Warner Cable moves the Access Channel to a different and less desirable location on the channel lineup, Time Warner Cable will provide reasonable advance notification of the channel move. Time Warner will reimburse the Public Access Channel for reasonable expenses associated with the cost of replacing print materials, channel identification tags and replacement promotional material for each relocated Public Access channel.

(f) There is an existing origination point currently located at the Baldwinsville Public Library, located in the Village of Baldwinsville, which shall be maintained by the Time Warner Cable. In the event of a relocation of the public access facilities, Franchisee's costs associated with providing return feed from such location shall be limited to \$4,000.00. Each year the origination point is not moved from its current location in the Baldwinsville Public Library, the \$4,000.00 allowance will increase by 10% per year until capped in year five (5) at \$6,442.00.

SECTION 17 - ADDITIONAL SUBSCRIBER SERVICES

(a) Payment for cable television service rendered to subscribers is due and payable in advance. A late charge, as determined by Time Warner Cable, may be applied to delinquent accounts.

(b) Payment for equipment provided by Time Warner Cable to subscribers and the installation, repairs, and removal thereof shall be paid in accordance with Time Warner Cable's standard and customary practices and applicable rules and regulations of the FCC.

(c) Time Warner Cable shall have the right to disconnect delinquent subscribers and charge such subscribers a disconnection charge as determined by Time Warner Cable, where:

(1) At least five (5) days have elapsed after written notice of discontinuance has been served personally upon a subscriber; or

(2) At least eight (8) days have elapsed after mailing to the subscriber written notice of discontinuance addressed to such person at the premises where the service is rendered.

(d) Notice of Time Warner Cable's procedures for reporting and resolving billing disputes and Time Warner Cable's policy and the subscribers rights in regard to "personally identifiable information," as that term is defined in Section 631 of the Communications Act, will be given to each subscriber at the time of such person's initial subscription to the Cable Television System services and thereafter to all subscribers as required by Federal or State law.

(e) Time Warner Cable shall offer to, and shall notify in writing, the subscribers of the availability of locking program control devices which enable the subscriber to limit reception of obscene or indecent programming in the subscriber's residence. Any subscriber requesting such device shall pay Time Warner Cable in full upon receipt of the same charge to new subscribers at the time of installation and thereafter to all subscribers as required by Federal or State law.

(f) In accordance with the applicable requirements of Federal and State laws, Time Warner Cable shall provide written notice of any increases in rates or charges for any Cable Television Service.

(g) The Administrator, as the case may be, for the Municipality for this Franchise shall be the Mayor of the Municipality. The Administrator is responsible for the continuing administration of the Franchise on behalf of the Municipality. All correspondence and communications between Time Warner Cable and the Municipality pursuant to this Franchise shall be addressed by Time Warner Cable to the Administrator.

(h) It is agreed that all Cable Television Service offered to any subscribers under this Franchise shall be conditioned upon Time Warner Cable having legal access to any such subscriber's dwelling units or other units wherein such service is provided.

(i) Time Warner Cable shall comply with the Customer Service Consumer Protection Standards set forth in Sections 590 and 596 of the Rules and Regulations of the NYSPSC.

(j) At least once each year, Time Warner Cable shall provide notice to each subscriber of its procedures for reporting and resolving subscriber complaints.

(k) Time Warner Cable will endeavor to establish a relationship with a local business where bill payments can be made, however, only if Grantee is able to do so on reasonable terms and conditions.

SECTION 18 - FRANCHISE FEES

(a) Time Warner shall pay the Municipality an amount equal to 3.5% of Time Warner Cable's Gross Revenues quarterly on or before March 31st, June 30th, September 30th, and December 31st. Each payment shall be made within sixty (60) days of the end of each quarter and be accompanied by a revenue summary statement providing sufficient detail to independently verify the accuracy of the information set forth therein. This report shall be executed by an officer of the company.

(b) There shall be applied as a credit against the Franchise Fee the aggregate of: (i) any taxes, fees or assessments of general applicability imposed on Time Warner Cable or any subscribers, or both, which are discriminatory against Time Warner Cable or any subscribers, (ii) any non-capital expenses incurred by Time Warner Cable in support of the PEG access requirements of this Franchise and (iii) any fees or assessments payable to the NYSPSC which when combined with all other fees and credits would exceed 5% of gross revenues. Time Warner Cable shall have the right to apply franchise fees paid as a credit against special franchise assessments pursuant to Section 626 of the New York State Real Property Tax Law.

9

**SECTION 19 - SEVERABILITY, GOVERNING LAW, POLICE POWERS
REQUESTS FOR AUTHORIZATION AND NON-DISCRIMINATION**

(a) Should any provision of this Franchise be held invalid by a court or regulatory agency of competent jurisdiction, the remaining provisions of this franchise shall remain in full force and effect.

(b) To the extent not inconsistent with or contrary to applicable federal law, the terms of this Franchise shall be governed and construed in accordance with the laws of the State of New York. The parties hereby acknowledge and agree that any provisions of this Franchise or any existing or future State or local laws or rules that are inconsistent with or contrary to any applicable Federal law, including the Cable Act, as the same may be amended, are and shall be prohibited, preempted and/or superseded to the extent of any inconsistency or conflict with any applicable Federal laws.

(c) In addition to the provisions contained in this Franchise and in existing applicable ordinances, the Municipality may adopt such additional regulations as it shall find necessary in the exercise of its police power, provided, however, that such regulations are reasonable and not materially in conflict with the privileges granted in this Franchise.

(d) Time Warner Cable shall file requests for any necessary operating authorization with the NYSPSC and the FCC within sixty (60) days from the date the Franchise is awarded by the Municipality.

(e) Time Warner Cable will not refuse to hire or employ, nor bar or discharge from employment, nor discriminate against any person in compensation or in terms, conditions or privileges of employment because of age, race, creed, color, national origin or sex.

SECTION 20 - GUARANTEE OF PERFORMANCE

In view of the fact that Time Warner Cable has already constructed its cable system, Time Warner Cable shall post with the Municipality a security deposit in the amount of \$1 in compliance with the rules of the NYSPSC.

SECTION 21 - NOTICE

All notices required herein shall be in writing and shall be deemed delivered when received by United States certified mail, return receipt requested, or on the date of delivery to addressee when sent by express mail, or overnight, or hand delivered to the parties and locations as specified below. Both Time Warner Cable and Municipality may change where notice is to be given by giving notice to the other.

When notices sent to
Time Warner Cable:

Time Warner Cable of Syracuse
Attention: General Manager
6005 Fair Lakes Road
East Syracuse, New York 13057
Telephone: (315) 634-6100
Facsimile: (315) 463-8020

Or

Time Warner Cable
Attention: Division President
6005 Fair lakes Road
East Syracuse, New York 13057
Telephone: (315) 634-6100
Facsimile: (315) 463-2088

When notices sent to
Municipality:

Village of Baldwinsville
Attention: Mayor
16 West Genesee Street
Baldwinsville, New York 13027

SECTION 22 - FORCE MAJEURE

In no event, and notwithstanding any contrary provision in this Franchise, shall this Franchise be subject to revocation or termination, or Time Warner Cable be subject to penalty or prejudice or in any way liable for non-compliance with or delay in the performance of any obligations hereunder, where its failure to cure or take reasonable steps to cure is due to reason of strike, Acts of God, acts of public enemies, order of any kind of a government of the United States of America or of the State or any of their departments, agencies, political subdivisions; riots, epidemics, landslides, lightning, earthquakes, fires, hurricanes, tornadoes, volcanic activity, storms, floods, washouts, droughts, civil disturbances, explosions, partial or entire failure of utilities or any other cause or event not reasonably within the control of Time Warner Cable. Time Warner Cable shall not be deemed to be in violation or default during the continuance of such inability and Time Warner Cable shall be excused from its obligations herein during the course of any such events or conditions and the time specified for performance of Time Warner Cable's obligations hereunder shall automatically extend for a period of time equal to the period of the existence of any such events or conditions and such reasonable time thereafter as shall have been necessitated by any such events or conditions.

SECTION 23 - RIGHTS OF ENFORCEMENT

Nothing contained in this Franchise is intended to or shall confer any rights or remedies on any third parties to enforce the terms of this Franchise.

SECTION 24 - FURTHER ASSURANCES

The Municipality shall, without further consideration, execute and deliver such further instruments and documents and do such other acts and things as Time Warner Cable may reasonably request in order to effect and confirm this Franchise and the rights and obligations contemplated herein.

SECTION 25 - INTEGRATION

This Franchise supersedes all prior negotiations between the parties hereto and shall be binding upon and inure to the benefit of the parties hereto and each of their respective successors and permitted assigns. This Franchise may be amended (except as otherwise expressly provided for herein) only by agreement in writing signed by duly authorized persons on behalf of both parties. To the extent required by State law, amendments hereto shall be confirmed or approved by the NYSPSC.

EAGLE NEWSPAPERS

AFFIDAVIT OF PUBLICATION

State of New York
County of Onondaga

Lisa M. Congdon

being duly sworn, deposes and says
that she is the

Accounts Receivable Bookkeeper
of Eagle Newspapers

publisher of weekly newspapers
in the County of Onondaga,
State of New York, and that a NOTICE was
published in the
following newspaper/s:

- Baldwinsville Messenger
- Camillus Advocate
- Fayetteville Eagle Bulletin
- DeWitt Times
- Skaneateles Press/
Marcellus Observer
- Liverpool Review
- N. Syracuse Star-News

On the following date/s:

Sept. 27, 2006

EAGLE NEWSPAPERS

5910 Firestone Drive
Syracuse, New York 13206
(315) 434-8889
Fax: (315) 434-8883

Service Commission. A copy of the Franchise Renewal Agreement is available for public inspection at the Office of the Village Clerk, during normal business hours. Interested parties may file comments or objections with the New York State Public Service Commission, Three E. Wacker Drive, Albany, New York 12223, on or before September 22, 2006.

Public Notice
STATE OF BALDWINVILLE
NOTICE
 THAT the Board of Trustees of the Village of Baldwinsville, Onondaga County, New York has scheduled a public hearing for the 30th of October, 2006 at 7:30 p.m. at Village Hall, 216 West Geneva Street, Baldwinsville, NY 13026. The purpose of the hearing is to consider a Franchise Renewal Agreement which would provide for an additional ten (10) years commencing on the date of approval of the Franchise Renewal Agreement by the New York State Public Service Commission, which would establish uniform franchise fees to be paid to the three municipalities and provide for additional payments to support the local public access channel with all such fees and payments being supported by subscribers fees and otherwise bring the franchise into conformity with certain provisions of the Federal Cable Communications Policy Act of 1984, amended. The Agreement, if approved by the Village Board, shall not take effect without the prior approval of three aforementioned New York State Public

SWORN TO BEFORE ME
THIS 27th DAY OF September, 2006

Sharon A. Doldo
No. 01DO5038536
Notary Public, State of New York
Qualified in Onondaga County
Commission Expires Jan. 30, 2007

Village of Baldwinsville

Office of Village Clerk

16 West Genesee Street • Baldwinsville, NY 13027

Office (315) 635-3521

Fax (315) 635-9231

December 7, 2006


To Whom It May Concern:

At the Regular Meeting of the Village Board of Trustees held October 5, 2006 the following action was taken.

Motion #238 -

Moved by Trustee A. Saraceni seconded by Trustee J. Saraceni that the Cable Television Franchise Renewal Agreement with Time Warner Cable be approved.

CARRIED.



Rosemary L. Johnson,
Village Clerk

State of New York
Onondaga County
Village of Baldwinsville } ss

I, Rosemary L. Johnson Clerk of the Village of Baldwinsville, County of Onondaga, and State of New York, do hereby certify that I have in my possession the records of instruments filed in said Village, and the minutes of all proceedings of the Board of Trustees of said Village, and the annexed is a

correct and true copy of a Resolution
(on file in said office;
(Record of Minutes of a Village Board Meeting held on
(the 5th day of October, 2006
(as appears from the records of said office.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal

(L. S.) of said Village on this 7th day December, 2006



Village Clerk.

PROOF OF PUBLICATION

State of New York, County of Onondaga ss. Diane B. Scaffido, of the City of Syracuse, in said County, being duly sworn, doth depose and says: she is the Principal Clerk in the office of THE POST-STANDARD, a public newspaper, published in the City of Syracuse, Onondaga County, New York and that the notice, of which the annexed is a printed copy cut from said newspaper, was printed and published in the regular edition and issue of said newspaper on the following days, viz.:

TIME WARNER CABL

Ad #24917 PO # BALDWINSVILL
Paper PS Start 10/26 Stop 11/02
Times 2
Runs 10/26,11/2
Text PLEASETAKENOTI

Diane B. Scaffido
Principal Clerk

Subscribed and Sworn to before me, this 11/02/06

Marguerite E. Soucy
NOTARY PUBLIC, ONONDAGA COUNTY, NY Commission Expires

PLEASE TAKE NOTICE THAT Time Warner Entertainment-Advance/Newhouse Partnership, a New York general partnership organized and existing under the laws of the State of New York d/b/a Time Warner Cable, has filed an application of its Certificate of Confirmation and Cable Television Franchise in the Village of Baldwinsville, Onondaga County, New York, with the New York State Public Service Commission. The application is available for public inspection at the offices of the New York State Public Service Commission and at the office of the Clerk of the Village of Baldwinsville, 16 West Genesee Street, Baldwinsville, New York, 13027, during normal business hours. Any interested persons may file comments on the application with the New York State Public Service Commission, Three Empire State Plaza, Albany, New York 12223. TIME WARNER CABLE SYRACUSE DIVISION

tion at the offices of the New York State Public Service Commission and at the office of the Clerk of the Village of Baldwinsville, 16 West Genesee Street, Baldwinsville, New York, 13027, during normal business hours. Any interested persons may file comments on the application with the New York State Public Service Commission, Three Empire State Plaza, Albany, New York 12223. TIME WARNER CABLE SYRACUSE DIVISION

MARGUERITE E. SOUCY
Notary Public in the State of New York
No. 01SO4966679
Qualified in Onondaga County
My Commission Expires May 14, 2010

APPLICATION FOR RENEWAL OF FRANCHISE
OR CERTIFICATE OF CONFIRMATION
(Form R-2):

1. The exact legal name of applicant is:

Time-Warner Entertainment-Advance/Newhouse Partnership

2. Applicant does business under the following name or names:

Time Warner Cable - Syracuse Division

3. Applicant's mailing address is:

6005 Fair Lakes Road

P.O. Box 4791

East Syracuse, NY 13221

4. Applicant's telephone number(s) is (are):

(315) 634-6107

Time Warner Cable

6005 Fair Lakes Road

East Syracuse, NY 13221

5. (a) This application is for the renewal of operating rights in the

Village of Baldwinsville - Onondaga County

(Municipality & County)

- (b) Applicant serves the following additional municipalities from the same headend or from a different headend but in the same or adjacent county:

See Attached List (Exhibit 1)

6. The number of subscribers in each of the municipalities noted above is:

- | | |
|---------------------------------------|---------------------------|
| - Primary residential connections | <u>See Question #5(b)</u> |
| - Secondary residential connections | <u>N/A</u> |
| - Residential pay-cable subscriptions | <u>N/A</u> |
| - Commercial connections | <u>N/A</u> |
| - Other | <u>N/A</u> |

7. The following signals are regularly carried by the applicant's cable system (where signals are received other than by direct off-air pickup, please so indicate):

See Attached Channel Line-Up Card (Exhibit A)

8. Applicant does X does not _____ provide channel capacity and/or production facilities for local origination. If answer is affirmative, specify below the number of hours of locally originated programming carried by the system during the past twelve months and briefly describe the nature of the programming:

Applicant has carried over 100 hours of locally originated programming of various types, including PEG Access.

9. The current monthly rates for service in the municipality specified in Question 5(a) are:

- | | |
|-------------------------------------|---|
| - Primary residential connections | <u>See Attached Rate Card (Exhibit B)</u> |
| - Secondary residential connections | <u>See Attached Rate Card (Exhibit B)</u> |
| - Pay-cable subscriptions | <u>See Attached Rate Card (Exhibit B)</u> |
| - Commercial connections | <u>See Attached Rate Card (Exhibit B)</u> |
| - Other | <u>See Attached Rate Card (Exhibit B)</u> |

10. How many miles of new cable television plant were placed in operation by applicant during the past twelve months in the municipality specified in Question 5(a)? 0 miles
In the municipalities specified in Question 5(b)? See Attached List (Exhibit 2)

11. State and describe below any significant achievements and/or improvements that took place with respect to system operation during the past twelve months:

The System is rebuilt to a minimum of 750 MHZ.

12. Indicate whether applicant has previously filed with the NYS Department of Public Service its:

(a) Current Statement of Assessment pursuant to Section 217 Chapter 83?

X Yes No

(b) Current Annual Financial Report? X Yes No

If answer to any of the above is negative, please explain:

N/A

13. Has any event or change occurred during the past twelve months which has had, or could have, a significant impact upon applicant's ability to provide cable television service? If so describe below:

No event or change has occurred during the past twelve months which has had, or

could have, a significant impact upon applicant's ability to provide cable television

services.

WHEREFORE, the applicant, Time Warner Cable, requests that the New York State Public Service Commission grant this application and approve the Town of Adams Certificate of Confirmation and Franchise Agreement.



Mary L. Cotter
President

Time Warner Cable - Syracuse Division

Dated: December 5, 2006

Please attach a copy of applicant's current annual performance test.

STATE OF NEW YORK)
) S.S.:
COUNTY OF ONONDAGA)

MARY L. COTTER, being sworn, says:


1. I am President of the Syracuse Division of Time Warner Cable and I am familiar with the business operations of the Company
2. This application was prepared by me or under my direct supervision.
3. All of the statements and information contained herein are true and accurate to the best of my knowledge and belief.



Mary L. Cotter

Sworn to before me this 5th
day of December, 2006

DAVID W. LAMPMAN
Notary Public, State of New York
No. 01LA5043050
Qualified in Onondaga County
Commission Expires 1/1/2007



Notary Public

EXHIBIT A

Basic Channel Line-up

2 Guide Channel	6 The CW6	11 WCNY-24 (Syracuse, PBS)	98 Public Access
3 WSTM-3 (Syracuse, NBC)	7 My 43 WNYS	12 WCNY 2 (Syracuse PBS)	99 PIN
4 WSPX-56 (Syracuse, Paxson Communications)	8 WSYT-68 (Syracuse, FOX)	13 TWTV	
5 WTVH-5 (Syracuse, CBS)	9 WSYR-9 (Syracuse, ABC)	14 WGN-9 (Chicago, IND)	
	10 NEWS 10 NOW	16 Jewelry TV by ACN	

Standard Channel Line-up

17 TBS	35 C-SPAN	52 Court TV	67 AMC
18 Animal Planet	36 C-SPAN2	53 YES: Yankees Entertainment & Sports	68 Fit TV
19 QVC	37 CNBC	54 SportsNet New York	69 Oxygen
20 ABC Family	38 MSNBC	55 VS.	70 Bravo
21 FX Network	39 FOX News Channel	56 MSG	71 The Disney Channel
22 CNN	40 The Weather Channel	57 The Golf Channel	72 ESPN Classic
23 Headline News	41 Travel Channel	58 SoapNet	73 FSN NY
24 ESPN	42 HSN: Home Shopping Network	59 Discovery Health	74 WNY1
25 ESPN2	43 Hallmark Channel	60 HGTV: Home & Garden TV	75 Style
26 Time Warner Sports	44 EWTN	61 Sci-Fi Channel	76 Shop at Home
27 CMT: Country Music Television	45 TNT	62 The History Channel	77 E!
28 MTV	46 Food Network	63 TCM: Turner Classic Movies	78 Spike TV
29 VH-1	47 TV Land	64 WE: Women's Entertainment	80 Shop NBC
30 Lifetime	48 BET	65 LMN: Lifetime Movie Network	
31 USA	49 TLC: The Learning Channel		PREMIUM CHANNELS
32 The Discovery Channel	50 Comedy Central		15 HBO
33 A&E	51 Cartoon Network		
34 Nickelodeon			

Digital Channel Line-up

100 Movies On Demand	130 The Biography Channel	163 America's Store
101 Free Movies On Demand	131 CTANY	165 TBS On Demand
102 iPAY	132 C-SPAN3	166 TNT On Demand
103 Speed Channel	133 NBC3 Weather Ch. Plus	167 Cartoon On Demand
106 FOX Soccer Channel	134 Current	168 Kids On Demand
107 ESPNews	135 Bloomberg	171 Disney West
109 Information	136 CNBC World	172 Toon Disney
111 NY1	137 G4	173 Noggin
112 Lifetime Real Women	138 DIY Network	174 Nick 2
115 The Sundance Channel	141 GAC	175 Nick Gas
119 AmericanLife TV	142 MTV2	176 Boomerang
120 Discovery Kids	143 Fuse	177 Nicktoons
121 The Science Channel	144 VH1 Classic	189 Daystar
122 The Military Channel	145 BET J	190 Trinity Broadcasting Network
124 Discovery Times Channel	147 AOL Music On Demand	208 FOX Movie Channel
125 Discovery Home Channel	148 GAC On Demand	209 IFC: Independent Film Channel
126 National Geographic Channel	150 Ovation	210 Local Weather Now
127 History Channel Inter.	152 Sleuth	864 The Tube
129 BBC America	159 Fine Living	
	162 GSN - Network for Games	

399 MOVIES ON DEMAND
PAY-PER-VIEW
400 PPV Previews
401 Events IN DEMAND 1
402 Events IN DEMAND 2
ON DEMAND
383 here!
489 Howard TV On Demand
490 Adult On Demand
491 Playboy
492 Spice: XCESS
493 Ten: Blox
494 Ten:
495 Ten: Clips
496 Club Jenna
529 Howard TV On Demand

This line-up subject to change at any time.

Syracuse 10/06
SYR-0311

FREE ON DEMAND

- 397 TV Guide Spot
- 501 Free Movies On Demand
- 502 International Movies On Demand
- 503 Español On Demand
- 550 Lifestyle On Demand
- 553 A&E Channel On Demand
- 555 BBC America On Demand
- 556 Cartoon On Demand
- 557 CNN Showcase On Demand
- 559 Golf Channel On Demand
- 560 Instant Info
- 562 Court TV On Demand
- 564 Oxygen On Demand
- 565 Kids On Demand
- 567 National Geographic On Demand
- 568 Speed Channel On Demand
- 569 AOL Music On Demand
- 570 GAC On Demand
- 571 TBS On Demand
- 572 TNT On Demand
- 574 Exercise TV On Demand
- 575 Sportskool On Demand
- 576 Cutting Edge On Demand
- 577 Time Warner Sports On Demand
- 997 Answers On Demand
- 1276 Driver TV On Demand
- 1280 Movie Trailers On Demand
- 1285 Expo TV On Demand

MUSIC CHOICE

- 701 Showcase
- 702 Today's Country
- 703 Classic Country
- 704 Bluegrass
- 705 R&B & Hip-Hop
- 706 Classic R&B
- 707 Smooth R&B
- 708 R&B Hits
- 709 Rap
- 710 Metal
- 711 Rock
- 712 Arena Rock
- 713 Classic Rock
- 714 Alternative
- 715 Retro-Active
- 716 Electronica
- 717 Dance

- 718 Adult Alternative
- 719 Soft Rock
- 720 Hit List
- 721 Party Favorites
- 722 '90s
- 723 '80s
- 724 '70s
- 725 Solid Gold Oldies
- 726 Singers & Standards
- 727 Big Band & Swing
- 728 Easy Listening
- 729 Smooth Jazz
- 730 Jazz
- 731 Blues
- 732 Reggae
- 733 Soundscapes
- 734 Classical Masterpieces
- 735 Opera
- 736 Light Classical
- 737 Show Tunes
- 738 Contemporary Christian
- 739 Gospel
- 740 Radio Disney
- 741 Sounds of the Season
- 742 Musica Urbana
- 743 Salsa y Merengue
- 744 Rock 'En Español
- 745 Pop Latino
- 746 Mexicana
- 747 Americana

PREMIUM CHANNELS

- 299 HBO On Demand *
- 300 HBO
- 301 HBO West
- 302 HBO2
- 303 HBO2 West
- 304 HBO Signature
- 305 HBO Signature West
- 306 HBO Family
- 307 HBO Family West
- 308 HBO Comedy
- 309 HBO Comedy West
- 310 HBO Zone
- 311 HBO Zone West
- 312 HBO Latino
- 313 HBO Latino West
- 319 Cinemax On Demand *
- 320 Cinemax
- 321 Cinemax West
- 322 MoreMax
- 323 MoreMax West
- 324 ThrillerMax
- 325 ThrillerMax West
- 326 ActionMax
- 327 ActionMax West
- 328 wmax

- 329 @max
- 330 5starmax
- 331 outermax
- 339 Showtime On Demand *
- 340 Showtime
- 341 Showtime Too
- 342 Showtime Showcase
- 343 Showtime Extreme
- 344 Showtime Beyond
- 345 Showtime Next
- 346 Showtime Women
- 347 Showtime Family Zone
- 349 TMC On Demand *
- 350 The Movie Channel
- 351 The Movie Channel Xtra
- 360 Starz
- 361 Starz West
- 362 Starz Edge
- 363 Starz Edge West
- 364 Starz Kids & Family
- 365 Starz Kids & Family West
- 366 Starz Cinema
- 367 Starz Cinema West
- 368 Starz In Black
- 369 Starz In Black West
- 382 here!
- 525 HBO On Demand *
- 526 Cinemax On Demand *
- 527 Showtime On Demand *
- 528 TMC On Demand *

ENCORE

- 200 Encore
- 201 Encore West
- 202 Encore Action
- 203 Encore Love
- 204 Encore Mystery
- 205 Encore Westems
- 206 Encore Drama
- 207 Encore Wam

SPORTS PLUS PACKAGE

- 235 FCS Atlantic
- 236 FCS Central
- 237 FCS Pacific
- 238 FOX Sports Español
- 239 The Tennis Channel
- 240 Fuel
- 241 NBA TV
- 242 College Sports TV
- 243 Outdoor Channel

LATINO ESPECIAL PACKAGE

- 600 Cine Latino
- 602 Sorpresal
- 604 CNN Español

- 606 FOX Sports Español
- 608 Discovery Español
- 610 VH Uno
- 612 MTV Español
- 614 Mun2
- 616 Puma TV
- 618 Video Rola
- 620 LFC: La Familia Cosmovision
- 622 Galavisión
- 624 Telefutura

INTERNATIONAL PREMIUM SERVICES

- 653 TV5 - French
- 656 RTN - Russian
- 659 RAI - Italian
- 663 ZEE TV - Hindi
- 665 CCTV-4 - Chinese
- 672 Saigon Broadcasting Network
- 675 ART - Arabic

FAMILY CHOICE TIER

- 1900 - 1914 †
- † Refer to website or contact office for tier and channel information.

HIGH DEFINITION TIER

- 810 ESPN HD
- 811 HD Net
- 812 HD Net Movies
- 813 Universal HD
- 815 INHD
- 816 INHD2

HIGH DEFINITION CHANNELS **

- 398 HD Movies On Demand††
- 800 HBO HDTV††
- 801 Showtime HDTV††
- 802 HD Movies On Demand††
- 808 Sports Net NY HD
- 809 YES Network HD†††
- 820 Discovery HDTV
- 821 TNT HD
- 850-852 WCNY (Syracuse, PBS)†
- 855 WTVH HD (Syracuse, CBS)
- 863 WSTM HD (Syracuse, NBC)
- 889 WSYR (Syracuse, ABC)

** HD-compatible converter and TV set required to receive these channels.

† Some HD programming available during prime time.

†† Must subscribe to this premium channel to receive.

††† Only available for home NY Yankee and NJ Nets games.



Syracuse 10/06
SYR-0311

EXHIBIT B

Syracuse Rates & Services

Syracuse 4/06
SYR 1811

A.	Basic Service:	\$6.07
	Standard Service:	52.00
	(Consists of Basic Service @ \$6.07/mo. + all Standard channels @ \$45.93/mo.)	
B.	Premium Services:*	
	Home Box Office	11.95
	Cinemax	8.95
	Showtime Unlimited (Includes The Movie Channel)	9.95 / 8.95†
	Starz	7.75
	* Additional equipment required to receive these Premium Services. † If taken as a second premium service.	
C.	Digital Cable Services*	
	Explorer Pak	8.50
	(Includes Digital Navigator Package)	
	Digital Movie Pak	5.00
	(Includes Digital Navigator Package)	
	High-Definition Package	4.95
	(A HD television and a HD terminal is required.)	
	Sports Plus Package	1.95
	Latino Especial Package	9.95
	Digital Navigator Package	1.00
	(Includes Interactive Program Guide, 47 Music Choice channels, plus access to iNDemand, iCONTROL and Premium Services)	
	Premium On Demand	6.95
	Digital Video Recorder (DVR) Service	6.95
	Family Choice	12.99
	(Basic Cable service and lease of a digital set-top box required. Standard Cable Service, Premium channels, On Demand services and some interactive services are not available with Family Choice. Other restrictions apply.)	
D.	Equipment:	
	Home Terminal / Digital Terminal / HD Terminal	7.64
	Remote / Digital Remote	.31
	Cable Card (for Digital Cable-ready Sets)	3.14
E.	Installation Charges:	
	Standard Install/Reconnect	30.00
	(pre-wired home)	
	Standard Installation (unwired home)	40.00
	Additional Outlet(s)	18.00
	at time of initial installation	
	Additional Outlet(s), separate trip	31.97
	Equipment Deactivation Fee	3.99
	(Sales tax will be applied to installation charges)	
	COD Fee (Fee for payments received at time of install)	5.95

Digital Terminal is required in order to receive some channels and/or services. Rates and charges apply to standard residential installations and service. The above rates for cable service packages and equipment do not include franchise fees or State and Federal regulatory fees.

6005 Fair Lakes Road • E. Syracuse, NY 13057-4250
(315) 634-6000 • www.twcny.com



CURRENT ANNUAL PERFORMANCE TEST

Exhibit 1

Question 5(b): Applicant serves the following additional Municipalities from the same headend or from a different headend but in the same or adjacent county:

<u>Municipality</u>	<u>Subscribers</u>	<u>Municipality</u>	<u>Subscribers</u>
Village of E. Carthage	1,223	Town of Antwerp	5
Town of LeRay	32	Town of Philadelphia	60
Town of Theresa	40	Village of Antwerp	210
Village of Evans Mills	237	Village of Philadelphia	443
Village of Theresa	246	Fort Drum	2,843
Town of Champion	412	Town of Croghan	209
Town of Denmark	219	Town of New Bremen	269
Town of Wilna	456	Village of Castorland	96
Village of Copenhagen	255	Village of Croghan	300
Village of Deferiet	101	Village of Herrings	27
Village of W. Carthage	694	Town of Brownville	207
Town of Cape Vincent	664	Town of Clayton	1,030
Town of Hounsfield	156	Town of Lyme	111
Town of Orleans	557	Village of Cape Vincent	347
Village of Chaumont	223	Village of Clayton	619
Village of Dexter	349	Village of Sackets Harbor	572
Town of Bangor	337	Town of Bombay	201
Town of Burke	119	Town of Chateaugay	52
Town of Constable	274	Town of Fort Covington	339
Town of Malone	815	Town of Moira	399
Town of Westville	329	Village of Brushton	313
Village of Burke	83	Village of Chateaugay	340
Village of Malone	2,334	Town of Potsdam	1,097
Town of Canton	896	Town of Colton	495
Town of Dekalb	148	Town of Hermon	6
Town of Hopkinton	180	Town of Madrid	253
Town of Parishville	514	Town of Pierrepont	521
Town of Russell	120	Village of Canton	1,320
Village of Hermon	129	Village of Norwood	608
Village of Potsdam	1,849	Town of Fowler	341
Town of Gouverneur	426	Village of Gouverneur	1,405
Village of Richville	122	Town of Brasher	454
Town of Lawrence	223	Town of Louisville	1,033
Town of Massena	834	Town of Norfolk	500
Town of Stockholm	295	Town of Waddington	21
Village of Massena	4,415	City of Ogdensburg	3,873
Town of Lisbon	480	Town of Morristown	244
Town of Oswegatchie	561	Village of Heuvelton	295
Village of Morristown	163	Village of Rennselaer Falls	140
Village of Waddington	391	Town of Altona	241
Town of Champlain	416	Town of Chazy	790

Town of Ellenburg	390	Town of Mooers	205
Village of Champlain	416	Village of Mooers	205
Village of Rouses Point	852	Town of Martinsburg	192
Town of Henderson	157	Town of New Bremen	9
Town of Watson	310	Town of Grieg	315

Exhibit 2

Question 10: The number of miles of new cable television plant placed in operation by applicant during the past twelve (12) months in the municipalities specified in Question 5(b) are:

<u>Municipality</u>	<u>Miles of Plant</u>	<u>Municipality</u>	<u>Miles of Plant</u>
Town of Champion	0.16 Miles	Town of Hounsfield	0.16 Miles
Town of Champlain	0.1 Miles	Town of Chazy	0.3 Miles
Town of Ellenburg	0.1 Miles	Town of Mooers	0.1 Miles
Village of Rouses Point	0.1 Miles	Town of Bombay	0.1 Miles
Town of Constable	0.2 Miles	Town of Malone	0.2 Miles
Town of Westville	0.1 Miles	Village of Burke	0.2 Miles
City of Ogdensburg	0.3 Miles	Town of Lisbon	2.3 Miles
Town of Morristown	15.5 Miles	Town of Oswegatchie	6.5 Miles
Village of Heuvelton	0.1 Miles	Village of Morristown	0.1 Miles
V. of Rennselaer Falls	0.7 Miles	Town of Canton	0.6 Miles
Town of Parishville	0.2 Miles	Village of Norwood	0.7 Miles

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TIME WARNER CABLE - SYRACUSE DIVISION**FCC Proof - of - Performance Tests**

System Name	:	Syracuse		
Plant Mileage	:	3698.1400	As of	: 08/01/2006
Basic Subscribers	:	177456	As of	: 08/01/2006
System Bandwidth	:	550.0000		
Number of Channels Tested	:	9		
Number of Test Points	:	21		
Test Start Date	:	08/01/2006		
Test Completion Date	:	08/31/2006		

TIME WARNER CABLE - SYRACUSE DIVISION

Statement of Qualifications

System Name : Syracuse

Date : 08/01/2006

FCC Testing Summary

Changes Since Last Proof of Performance Test

National Geographic was dropped from analog channel 66
Fox Sports New York was dropped from analog channel 54 and added to analog channel 73
Sports Net New York was added to analog channel 54
Pin was added to analog channel 99
Simulcast Qam's have been added at frequencies: 477MHz, 555MHz, 585MHz, 663MHz, 681MHz

Test Results

All test results were favorable

Miscellaneous

Time Warner Cable system includes: Syracuse: Fulton, Oswego, Seneca, and Central Square.
The following are fed from the Fairlakes headend: Geddes, Burdick, Merdian, Oswego, Fulton, Baldwinsville, Liverpool, Davis, Mapleview, Chimes, and Cuyler
Digital services occupy frequencies from 550MHz to 747MHz

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TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse

Date : 08/01/2006

Sub System Name : Syracuse-Suburbs

ACTUAL CHANNEL	CARRIER FREQ	CONV CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE	ACTUAL CHANNEL	CARRIER FREQ	CONV CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE
2	55.2500	2	TV			TVGUID	SAT	DD (40)	319.2625	40	TV		Y	TWC	SAT
3	61.2500	3	TV		Y	WSTM	OFFAIR	EE (41)	325.2625	41	TV		Y	TRAVEL	SAT
4	67.2500	4	TV		Y	WSPX	OFFAIR	FF (42)	331.2750	42	TV		Y	HSN	SAT
5	77.2500	5	TV		Y	WTVH	OFFAIR	GG (43)	337.2625	43	TV		Y	HALLM	SAT
6	83.2500	6	TV			WSTQ	STUDIO	HH (44)	343.2625	44	TV		Y	EWTN	SAT
A-5 (95)	91.2500							II (45)	349.2625	45	TV		Y	TNT	SAT
A-4 (96)	97.2500							JJ (46)	355.2625	46	TV			FOOD	SAT
A-3 (97)	103.2500							KK (47)	361.2625	47	TV			TVLAND	SAT
A-2 (98)	109.2750	98	TV			P/A	LOCAL	LL (48)	367.2625	48	TV		Y	BET	SAT
A-1 (99)	115.2750	99	TV			PIN	SAT	MM (49)	373.2625	49	TV			TLC	SAT
A (14)	121.2625	14	TV		Y	WGN	SAT	NN (50)	379.2625	50	TV			COMEDY	SAT
B (15)	127.2625	15	TV			HBO	SAT	OO (51)	385.2625	51	TV		Y	TOON	SAT
C (16)	133.2625	16	TV			AMER	SAT	PP (52)	391.2625	52	TV			COURT	SAT
D (17)	139.2500	17	TV		Y	WTBS	SAT	QQ (53)	397.2625	53	TV			YES	SAT
E (18)	145.2500	18	TV		Y	ANIMAL	SAT	RR (54)	403.2500	54	TV			SPNY	SAT
F (19)	151.3210	19	TV		Y	QVC	SAT	SS (55)	409.2500	55	TV			OLN	SAT
G (20)	157.2500	20	TV		Y	ABCFAM	SAT	TT (56)	415.2500	56	TV			MSG	SAT
H (21)	163.2500	21	TV			FXNET	SAT	UU (57)	421.2500	57	TV		Y	GOLF	SAT
I (22)	169.2500	22	TV		Y	CNN	SAT	VV (58)	427.2500	58	TV			SOAP	SAT
7	175.2500	7	TV		Y	WNYS	OFFAIR	WW (59)	433.2500	59	TV			DISCH	SAT
8	181.2500	8	TV		Y	WSYT	OFFAIR	XX (60)	439.2500	60	TV		Y	HGTV	SAT
9	187.2500	9	TV		Y	WIXT	OFFAIR	YY (61)	445.2500	61	TV		Y	SCIFI	SAT
10	193.2500	10	TV			N10N	STUDIO	ZZ (62)	451.2500	62	TV		Y	HIST	SAT
11	199.2500	11	TV		Y	WCNY	OFFAIR	63	457.2500	63	TV			TCM	SAT
12	205.2500	12	TV			WCNYII	STUDIO	64	463.2500	64	TV		Y	WE	SAT
13	211.2500	13	TV			SOURCE	LOCAL	65	469.2500	65	TV			LMN	SAT
J (23)	217.2500	23	TV		Y	CNNHLN	SAT	66	475.2500	66					
K (24)	223.2500	24	TV		Y	ESPN	SAT	67	481.2500	67	TV		Y	AMC	SAT
L (25)	229.2625	25	TV			ESPN2	SAT	68	487.2500	68	TV			FIT TV	SAT
M (26)	235.2625	26	TV			TWSP	LOCAL	69	493.2500	69	TV		Y	OXYGEN	SAT
N (27)	241.2625	27	TV		Y	CMT	SAT	70	499.2500	70	TV		Y	BRAVO	SAT
O (28)	247.2625	28	TV		Y	MTV	SAT	71	505.2500	71	TV		Y	DISNEY	SAT
P (29)	253.2625	29	TV		Y	VH-1	SAT	72	511.2500	72	TV			ESPNC	SAT
Q (30)	259.2625	30	TV		Y	LIFE	SAT	73	517.2500	73	TV			FSNY	SAT
R (31)	265.2625	31	TV		Y	USA	SAT	74	523.2500	74	TV		Y	UNIVIS	SAT
S (32)	271.2625	32	TV		Y	DISC	SAT	75	529.2500	75	TV			STYLE	SAT
T (33)	277.2625	33	TV		Y	A&E	SAT	76	535.2500	76	TV			LEASED	SAT
U (34)	283.2625	34	TV		Y	NICK	SAT	77	541.2500	77	TV		Y	EI TV	SAT
V (35)	289.2625	35	TV		Y	CSPAN	SAT	78	547.2500	78	TV		Y	SPIKE	SAT
W (36)	295.2625	36	TV		Y	CSPAN2	SAT	79	553.2500						
AA (37)	301.2625	37	TV		Y	CNBO	SAT	80	559.2500	80	TV		Y	VALUE	SAT
BB (38)	307.2625	38	TV		Y	MSNBC	SAT	81	565.2500						
CC (39)	313.2625	39	TV		Y	FOXN	SAT								

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TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse

Date : 08/01/2006

Sub System Name : Syracuse-City

ACTUAL CHANNEL	CARRIER FREQ	CONV CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE	ACTUAL CHANNEL	CARRIER FREQ	CONV CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE
2	55.2500	2	TV			HBO	SAT	DD (40)	319.2625						
3	61.2500	3	TV		Y	WSPX	SAT	EE (41)	325.2625						
4	67.2500	4	TV		Y	WSTM	SAT	FF (42)	331.2750						
5	77.2500							GG (43)	337.2625						
6	83.2500							HH (44)	343.2625						
A-5 (95)	91.2500							II (45)	349.2625						
A-4 (96)	97.2500							JJ (46)	355.2625						
A-3 (97)	103.2500							KK (47)	361.2625						
A-2 (98)	109.2750							LL (48)	367.2625						
A-1 (99)	115.2750							MM (49)	373.2625						
A (14)	121.2625							NN (50)	379.2625						
B (15)	127.2625	15	TV			TVGUID	SAT	OO (51)	385.2625						
C (16)	133.2625							PP (52)	391.2625						
D (17)	139.2500							QQ (53)	397.2625						
E (18)	145.2500							RR (54)	403.2500						
F (19)	151.3210							SS (55)	409.2500						
G (20)	157.2500							TT (56)	415.2500						
H (21)	163.2500							UU (57)	421.2500						
I (22)	169.2500							VV (58)	427.2500						
.7	175.2500							WW (59)	433.2500						
8	181.2500							XX (60)	439.2500						
9	187.2500							YY (61)	445.2500						
10	193.2500							ZZ (62)	451.2500						
11	199.2500							63	457.2500						
12	205.2500							64	463.2500						
13	211.2500							65	469.2500						
J (23)	217.2500							66	475.2500						
K (24)	223.2500							67	481.2500						
L (25)	229.2625							68	487.2500						
M (26)	235.2625							69	493.2500						
N (27)	241.2625							70	499.2500						
O (28)	247.2625							71	505.2500						
P (29)	253.2625							72	511.2500						
Q (30)	259.2625							73	517.2500						
R (31)	265.2625							74	523.2500						
S (32)	271.2625							75	529.2500						
T (33)	277.2625							76	535.2500						
U (34)	283.2625							77	541.2500						
V (35)	289.2625							78	547.2500						
W (36)	295.2625							79	553.2500						
AA (37)	301.2625							80	559.2500						
BB (38)	307.2625							81	565.2500						
CC (39)	313.2625														

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TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse

Date : 08/01/2006

Sub System Name : Syracuse-Fulton

ACTUAL CHANNEL	CARRIER FREQ	CONV. CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE	ACTUAL CHANNEL	CARRIER FREQ	CONV. CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE
2	55.2500	2	TV			TVGUID	SAT	DD (40)	319.2625						
3	61.2500							EE (41)	325.2625						
4	67.2500							FF (42)	331.2750						
5	77.2500							GG (43)	337.2625						
6	83.2500	6	TV			HBO	SAT	HH (44)	343.2625						
A-5 (95)	91.2500							II (45)	349.2625						
A-4 (96)	97.2500	96	TV			P/A	LOCAL	JJ (46)	355.2625						
A-3 (97)	103.2500							KK (47)	361.2625						
A-2 (98)	109.2750							LL (48)	367.2625						
A-1 (99)	115.2750							MM (49)	373.2625						
A (14)	121.2625							NN (50)	379.2625						
B (15)	127.2625	15	TV			WSTQ	STUDIO	OO (51)	385.2625						
C (16)	133.2625							PP (52)	391.2625						
D (17)	139.2500							QQ (53)	397.2625						
E (18)	145.2500							RR (54)	403.2500						
F (19)	151.3210							SS (55)	409.2500						
G (20)	157.2500							TT (56)	415.2500						
H (21)	163.2500							UU (57)	421.2500						
I (22)	169.2500							VV (58)	427.2500						
7	175.2500							WW (59)	433.2500						
8	181.2500							XX (60)	439.2500						
9	187.2500							YY (61)	445.2500						
10	193.2500							ZZ (62)	451.2500						
11	199.2500							63	457.2500						
12	205.2500							64	463.2500						
13	211.2500							65	469.2500						
J (23)	217.2500							66	475.2500						
K (24)	223.2500							67	481.2500						
L (25)	229.2625							68	487.2500						
M (26)	235.2625							69	493.2500						
N (27)	241.2625							70	499.2500						
O (28)	247.2625							71	505.2500						
P (29)	253.2625							72	511.2500						
Q (30)	259.2625							73	517.2500						
R (31)	265.2625							74	523.2500						
S (32)	271.2625							75	529.2500						
T (33)	277.2625							76	535.2500						
U (34)	283.2625							77	541.2500						
V (35)	289.2625							78	547.2500						
W (36)	295.2625							79	553.2500						
AA (37)	301.2625							80	559.2500						
BB (38)	307.2625							81	565.2500						
CC (39)	313.2625														

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TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse

Date : 08/01/2006

Sub System Name : Syracuse-Oswego

ACTUAL CHANNEL	CARRIER FREQ	CONV CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE	ACTUAL CHANNEL	CARRIER FREQ	CONV CH.	TYPE	SC ("Y")	VITS ("Y")	CALL LTR	PROG SOURCE
2	55.2500	2	TV			TVGUID	SAT	DD (40)	319.2625						
3	61.2500							EE (41)	325.2625						
4	67.2500							FF (42)	331.2750						
5	77.2500							GG (43)	337.2625						
6	83.2500							HH (44)	343.2625						
A-5 (95)	91.2500							II (45)	349.2625						
A-4 (96)	97.2500	96	TV			P/A	SAT	JJ (46)	355.2625						
A-3 (97)	103.2500							KK (47)	361.2625						
A-2 (98)	109.2750							LL (48)	367.2625						
A-1 (99)	115.2750							MM (49)	373.2625						
A (14)	121.2625	14	TV			WNPE	OFFAIR	NN (50)	379.2625						
B (15)	127.2625							OO (51)	385.2625						
C (16)	133.2625	16	TV			GOVED	STUDIO	PP (52)	391.2625						
D (17)	139.2500							QQ (53)	397.2625						
E (18)	145.2500							RR (54)	403.2500						
F (19)	151.3210							SS (55)	409.2500						
G (20)	157.2500							TT (56)	415.2500						
H (21)	163.2500							UU (57)	421.2500						
I (22)	169.2500							VV (58)	427.2500						
7	175.2500							WW (59)	433.2500						
8	181.2500							XX (60)	439.2500						
9	187.2500							YY (61)	445.2500						
10	193.2500							ZZ (62)	451.2500						
11	199.2500							63	457.2500						
12	205.2500							64	463.2500						
13	211.2500							65	469.2500						
J (23)	217.2500							66	475.2500						
K (24)	223.2500							67	481.2500						
L (25)	229.2625							68	487.2500						
M (26)	235.2625							69	493.2500						
N (27)	241.2625							70	499.2500						
O (28)	247.2625							71	505.2500						
P (29)	253.2625							72	511.2500						
Q (30)	259.2625							73	517.2500						
R (31)	265.2625							74	523.2500						
S (32)	271.2625							75	529.2500						
T (33)	277.2625							76	535.2500						
U (34)	283.2625							77	541.2500						
V (35)	289.2625							78	547.2500						
W (36)	295.2625							79	553.2500						
AA (37)	301.2625							80	559.2500						
BB (38)	307.2625							81	565.2500						
CC (39)	313.2625														

ATE MIX	QAM NAME	QAM FREQUENCY	ANALOG CHANNEL	MOD. TYPE	SESSION NUMBER	MPEG IN	MPEG OUT	BMR MPEG	SERVICE	QAM SOURCE	DIGITAL CHANNEL					
PORT 1	QAM1 16 sessions	567MHz BIG QAM	81	64	2	vpcl 256		128	In-Band	1 Mbps	N/A					
					4	vpcl 257		128	Cam IB	1 Mbps						
					6	vpcl 258		130	IPG IB	1 Mbps						
					8	vpcl 259		131	PPV IB	1 Mbps						
					10	vpcl 260		132	IPG2 IB	1 Mbps						
					12	vpcl 261		133	IPG3 IB	1 Mbps						
					14	vpcl 262		134	IPG4 IB	1 Mbps						
					16	vpcl 263		135	IPG5 IB	1 Mbps						
					18	vpcl 264		136	IPG6 IB	1 Mbps						
					20	vpcl 265		137	IPG7 IB	1 Mbps						
					22	vpcl 266		138	PPV IB2	1 Mbps						
					222	vpcl 267		139	VCS BFS source	.5 Mbps						
					4022	vpcl 268		140	Saixod	2.0 Mbps						
					4024	vpcl 269		141	Saixod IB LG	2.0 Mbps						
					4026	vpcl 270		142	Saixod IB SM	2.0 Mbps						
					4028	vpcl 271		143	BstIB	2.0 Mbps						
					4034	vpcl 272		144	hgate	2.0 Mbps						
					SLOT 2	QAM2	591 MHz	85	256	199			SDV	1 Mbps		
189			OSM	3.0 Mbps												
QUAD ASI SLOT 1 PORT 1	QAM2 12 SD	591 MHz	85	256	1911	12	12	12	INDemand 1	AMC11 T3 BB 10-5 BB 9-12	401					
					1816	6	6	6	INDemand 2	AMC11 T3 BB 10-5 BB 6-12	402					
					1913	3	3	3	INDemand 3	AMC11 T3 BB 10-5 BB 9-12	415					
					1914	4	14	14	INDemand 4	AMC11 T3 BB 10-5 BB 9-12	418					
					1915	5	5	15	INDemand 5	AMC11 T3 BB 10-5 BB 9-12	417					
					1917	7	7	7	INDemand 6	AMC11 T3 BB 10-5 BB 9-12	418					
					1918	10	10	10	INDemand 7	AMC11 T3 BB 10-5 BB 9-12	419					
					3108	124	124	124	TEST 9	BB 7-7 BB 9-12						
					6028	125	125	5	CH906 - Info	BB 7-7 BB 9-12	906					
					1117	1	11	11	ESPN News	G10T20 BB2-3 - BB9-12	107					
					1218	3	8	8	GAC	AMC11 T20C - RTE - BB3-7 - BB 9-12	141					
					1118	4	4	4	Toon Disney	G10T20 BB2-3 - BB9-12	172					
					QUAD ASI SLOT 5 PORT 1	QAM3 13 SD 4 Music	597 MHz	86	256	1300	1	1	1	HBO East	Galaxy 1 T23(I) BB 10-7 BB 3-14	300
										1301	2	2	2	HBO Plus East	Galaxy 1 T23(I) BB 10-7 BB 3-14	302
1302	3	3	3	HBO Signature East						Galaxy 1 T23(I) BB 10-7 BB 3-14	304					
1303	4	4	4	HBO Family East						Galaxy 1 T23(I) BB 10-7 BB 3-14	306					
1307	8	8	8	HBO Latino East						Galaxy 1 T23(I) BB 10-7 BB 3-14	312					
1310	21	21	21	Max East						Galaxy 1 T23(I) BB 10-7 BB 3-14	320					
1311	22	22	22	More Max East						Galaxy 1 T23(I) BB 10-7 BB 3-14	322					
1313	23	23	23	Action Max East						Galaxy 1 T23(I) BB 10-7 BB 3-14	326					
1370	7	7	7	WMAX East						Galaxy 1 T18(Q) BB 10-8 BB3-14	328					
1371	27	27	27	@MAX East						Galaxy 1 T18(Q) BB 10-8 BB3-14	329					
1372	44	44	44	5 StarMAX East						Galaxy 1 T18(Q) BB 10-8 BB3-14	330					
1373	30	30	30	OuterMAX East						Galaxy 1 T18(Q) BB 10-8 BB3-14	331					
3025	1	5	5	Daystar TV						IA 13 T20 BB 4-7 BB4-11	189					
1563	24	24	24	Hill List MUS19						G5 T10 BB 10-1 BB 3-14	719					
1565	25	25	25	80's MUS21	G5 T10 BB 10-1 BB 3-14	721										
1556	22	222	222	Power Rock MUS12	G5 T10 BB 10-1 BB 3-14	712										
1562	23	233	233	Soft Rock MUS18	G5 T10 BB 10-1 BB 3-14	718										
QUAD ASI SLOT 5 PORT 2	QAM4 13 SD 7 Music	803 MHz	87	256	1312	24	24	24	Thriller Max East	Galaxy 1 T18(Q) BB 10-8 BB 4-12	324					
					1305	26	26	26	HBO Zone East	Galaxy 1 T18(Q) BB 10-8 BB 4-12	310					
					1304	6	11	11	HBO Comedy East	Galaxy 1 T18(Q) BB 10-8 BB 4-12	308					
					1113	7	7	7	Encore	Galaxy 1 T13 BB 10-5 BB 4-12	200					
					1201	8	8	8	Encore West	Galaxy 1 T13 BB 10-5 BB 4-12	201					
					1206	9	9	9	WAM!	Galaxy 1 T13 BB 10-5 BB 4-12	207					
					1330	1	1	1	Starz	Galaxy 1 T13 BB 10-5 BB 4-12	380					
					1357	2	2	2	Starz West	Galaxy 1 T13 BB 10-5 BB 4-12	381					
					1331	3	3	3	Starz2	Galaxy 1 T13 BB 10-5 BB 4-12	382					
					1332	4	4	4	Starz4 Family	Galaxy 1 T13 BB 10-5 BB 4-12	384					
					1333	6	6	6	Starz5 Cinema	Galaxy 1 T13 BB 10-5 BB 4-12	386					
					1358	10	10	10	Starz5 Cinema West	Galaxy 1 T13 BB 10-5 BB 4-12	387					
					1334	5	5	5	Bet Movies	Galaxy 1 T13 BB 10-5 BB 4-12	388					
					1546	28	28	28	Today's Country MUS2	G5 T10 BB 10-1 BB 4-12	702					
1547	29	29	29	Classic Country MUS3	G5 T10 BB 10-1 BB 4-12	703										
1570	30	30	30	Big Band & Swing MUS26	G5 T10 BB 10-1 BB 4-12	726										
1569	31	31	31	Singers & Stds MUS25	G5 T10 BB 10-1 BB 4-12	725										
1571	32	32	32	Easy Listening MUS27	G5 T10 BB 10-1 BB 4-12	727										
1567	26	266	266	70's MUS23	G5 T10 BB 10-1 BB 4-12	723										
1568	27	27	27	Solid Gold Oldies MUS24	G5 T10 BB 10-1 BB 4-12	724										
QUAD ASI SLOT 1 PORT 2	QAM5 5 SD 2 HD 8 Music	699 MHz	90	256	2068	1	1	1	Discovery HD	AMC10 T14 BB4-8 BB4-11	820					
					10060	1	2	2	SNY HD	BB 8-1 BB 4-11	808					
					1554	18	18	18	Metal MUS10	G5 T10 BB 10-1 BB4-11	710					
					1558	19	19	19	Alternative MUS14	G5 T10 BB 10-1 BB4-11	714					
					1561	20	20	20	Progressive MUS17	G5 T10 BB 10-1 BB4-11	717					
					1557	21	21	21	Classic Rock MUS13	G5 T10 BB 10-1 BB4-11	713					
					1551	14	141	141	Classic R&B MUS7	G5 T10 BB 10-1 BB4-11	707					
					1550	15	15	15	R&B and Hip Hop MUS6	G5 T10 BB 10-1 BB4-11	706					
					1560	16	16	16	Dance MUS16	G5 T10 BB 10-1 BB4-11	716					
					9065	1	11	11	Legislative Ch	IP TO asi BB7-1 BB4-11	131					
					9084	1	10	10	NY1	IP TO asi BB7-5 BB4-11	111					
					1553	17	17	17	Rap MUS9	G5 T10 BB 10-1 BB4-11	709					
					QUAD ASI SLOT 1 PORT 3	QAM6 2 HD 3 SD	705 MHz	91	256	9035	2	2	2	HDNet	Galaxy 9 T19 BB9-3 BB7-11	811
										9036	3	3	3	HDNet	Galaxy 9 T19 BB9-3 BB7-11	812
1997	6	6	6							IA13 T15 BB2-6 BB7-11	491					
1998	3	7	7							IA13 T5 BB 10-2 BB7-11	496					
1065	8	8	8	Lifetime Real Women						G10 T20 BB 2-3 - BB 7-11	112					

Private Data/Teletext PID needs to be mapped on as AC3

PORT 3

QAM7	839 MHz	93 / 126	256	1362	11	11	11	HBO West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	301
11 SD	807 Burlington RF1			1363	12	12	12	HBO Plus West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	303
9 Music	BMR 2			1364	13	13	13	HBO Signature West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	305
				1365	14	14	14	HBO Family West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	307
				1368	18	18	18	HBO Latino West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	313
				1367	31	31	31	Max West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	321
				1368	32	32	32	More Max West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	323
				1369	33	33	33	Action Max West	Galaxy 1 T23(Q) BB 10-6 BB 4-13	327
				1374	15	15	15	HBO Crmly West	Galaxy 1 T23(Q) BB 10-3 BB 4-13	309
				1375	16	16	16	HBO Zone West	Galaxy 1 T23(Q) BB 10-3 BB 4-13	311
				1376	34	34	34	Thriller Max West	Galaxy 1 T23(Q) BB 10-3 BB 4-13	325
				1579	34	344	344	Light Classical MUS35	G5 T10 BB 10-1 BB 4-13	735
				1578	35	35	35	Soundsapes MUS32	G5 T10 BB 10-1 BB 4-13	732
				1572	36	36	36	Smooth Jazz MUS28	G5 T10 BB 10-1 BB 4-13	728
				1573	37	37	37	Jazz MUS29	G5 T10 BB 10-1 BB 4-13	729
				1574	38	38	38	Blues MUS30	G5 T10 BB 10-1 BB 4-13	730
				1582	39	39	39	Gospel MUS38	G5 T10 BB 10-1 BB 4-13	738
				1581	40	40	40	Contp Christian MUS37	G5 T10 BB 10-1 BB 4-13	737
				1585	41	41	41	Musica Latina MUS41	G5 T10 BB 10-1 BB 4-13	741
				1577	33	333	333	Classical Master MUS33	G5 T10 BB 10-1 BB 4-13	733

QUAD ASI SLOT 3 PORT 1

QAM8	845 MHz	94 / 127	256	1202	1	1	1	Encore Action	Galaxy 1 T3 BB 9-7 BB 3-13	202
13 SD	813 Burlington RF2			1203	3	3	3	Encore Love	Galaxy 1 T3 BB 9-7 BB 3-13	203
11 Music	BMR 2			1204	5	5	5	Encore Mystery	Galaxy 1 T3 BB 9-7 BB 3-13	204
				1205	9	9	9	Encore Westerns	Galaxy 1 T3 BB 9-7 BB 3-13	205
				1207	7	7	7	Encore True	Galaxy 1 T3 BB 9-7 BB 3-13	208
	City of Syracuse only			2099	1	11	11	Syr Fire Dept	BB 3-5 BB3-13	88
				1996	4	4	4		IA 13 T15 BB 3-8 BB 3-13	496
				2487	7	17	17		IA 13 T24 BB 3-8 BB 3-13	493
				2488	3	14	14		IA 13 T24 BB 3-2 BB 3-13	495
				2485	4	15	15		IA 13 T24 BB 3-2 BB 3-13	494
				1353	1	1	10	Showtime Next	AMC11 T19 BB 9-1 BB 8-11	345
				1355	3	3	13	Showtime Women	AMC11 T19 BB 9-1 BB 8-11	346
				1354	2	2	12	Showtime Family	AMC11 T19 BB 9-1 BB 8-11	347
				1591	51	51	51	Americana MUS 47	G5 T10 BB 10-1 BB 3-13	704
				1590	50	50	50	Mexicana MUS 48	G5 T10 BB 10-1 BB 3-13	478
				1583	11	111	111	For Kids Only MUS39	G5 T10 BB 10-1 BB 3-13	739
				1575	12	121	121	Raggae MUS31	G5 T10 BB 10-1 BB 3-13	731
				1552	13	131	131	Smooth R&B MUS8	G5 T10 BB 10-1 BB 3-13	708
				1545	5	55	55	Showcase MUS1	G5 T10 BB 10-1 BB 3-13	701
				1548	6	66	66	Bluegrass MUS4	G5 T10 BB 10-1 BB 3-13	704
				1559	7	77	77	Electronica MUS15	G5 T10 BB 10-1 BB 3-13	715
				1555	8	88	88	Rock MUS11	G5 T10 BB 10-1 BB 3-13	711
				1549	9	99	99	R&B Hip Hop MUS5	G5 T10 BB 10-1 BB 3-13	705
				1584	10	101	101	Snds of Season MUS40	G5 T10 BB 10-1 BB 3-13	740

PORT 2

QAM9	657 MHz	101	256	9086	31	31	31	JUNHD	BB 4-3 BB 8-12	813
3 SD				9037	300	300	300	JUNHD	G9 (Gal 10R) T23V BB 7-3 BB8-12	821
2 HD	BMR 2			1948	3	9	9	iControl Barker	AMC 10 T18 BB 9-2 BB8-12	N/A
				1947	2	37	37	PPV Barker	AMC 10 T18 BB 9-2 BB8-12	400
				10059	4	4	4	TWC FOD Barker	AMC 10 T18 BB 9-2 BB8-12	N/A

QUAD ASI SLOT 3 PORT 3

QAM10	747 / 663 MHz	102	256	1183	1	59	59	SLEUTH	G1RT24 - BB3-4 - BB2-11	152
12 SD				1185	8	60	60	Current	G7T9 - BB9-7 - BB2-11	134
				2108	212	54	54	FOX Sports World	G7/G11-T6V BB2-8 - BB2-11	108
	BMR 1			1141	1	56	56	Set on Jazz	G11T3 - BB2-1 - BB2-11	145
				1150	3	57	57	Ovation	G11T13 - BB3-4 - BB2-11	150
				7777	2	255	255	AonD Looping Barker	Bbus 1/7 Path1 BB7-7 BB2-11	N/A
				1127	9	9	9	Fine Living	AMC11 T3 BB 10-5 BB9-12	159
				1180	3	3	3	CSPAN-3	G10T20 BB2-3 - BB9-12	133
				1217	1	1	1	TBN	C3T12 -RTE -BB3-8 - BB 2-11	180
				1182	2	58	58	Game Show Network	AMC11 T8 BB3-4 - BB2-11	182
				1351	1	53	53	Disney W	G1T7 - BB3-3 - BB2-11	171
				1108	1	2	2	Outdoor Channel	G10T24 - BB2-4 - BB2-11	105

PORT 1

QUAD ASI SLOT 5 PORT 3

QUAD ASI SLOT 14 PORT 1

QUAD ASI SLOT 2 PORT 2

QUAD ASI 7 PORT 1

PORT 1	QAM11	668 MHz	103	256	1120	2	2	2	Discovery Kids	AMC11 T 22 BB 3-5 BB 8-13	120
	11 SD				1121	3	3	3	Discovery Science	AMC11 T 22 BB 3-5 BB 8-13	121
					1104	215	48	48	Speed Channel	G7/G11-T6V BB2-8 - BB8-13	103
		BMR 1			1122	7	4	4	Military Channel	AMC11 T 22 BB 3-5 BB 8-13	122
					1213	5	55	55	Discovery Civilizations	AMC11 T 22 BB 3-5 BB 8-13	124
					1212	4	54	54	Discovery Home & L.	AMC11 T 22 BB 3-5 BB 8-13	125
					1124	6	50	50	BBC America	AMC11 T 22 BB 3-5 BB 8-13	129
					2113	214	7	7	FUEL	G7/G11-T6V BB 2-8 BB 8-13	240
					1377	6	6	6	Sundance	BB 10-8 BB 8-13	115
					1350	1	1	1	Discovery Kids	BB 2-5 BB 8-13	1906
					5081	40	43	43	IFC	IA 13 T14V BB3-8 BB8-13	209
QUAD ASI SLOT 5 PORT 3	QAM12	675 MHz	104	256	1341	7	7	TMC 2	AMC11 T19 BB 10-8 BB 9-11	351	
	12 SD				1340	4	4	4	TMC	AMC11 T19 BB 10-8 BB 9-11	350
		BMR 1			1352	8	8	8	Showtime Beyond	AMC11 T19 BB 10-8 BB 9-11	344
					1323	9	9	9	Showtime Extreme	AMC11 T19 BB 10-8 BB 9-11	343
					1322	3	3	3	Showtime 3	AMC11 T19 BB 10-8 BB 9-11	342
					1321	2	2	2	Showtime Too	AMC11 T19 BB 10-8 BB 9-11	341
					1320	1	1	1	Showtime East	AMC11 T19 BB 10-8 BB 9-11	340
					1324	5	5	5	FLIX	AMC11 T19 BB 10-8 BB 9-11	18 W/bw
					1949	1	11	11	SOD ICONTROL Barker	C3 T16 BB 7-8 BB 9-11	N/A
					1190	50	50	50	Fuse	IA 13 T14V BB3-6 - BB 9-11	143
					1181	4	109	109	Bloomberg	AMC11 T8 BB3-1 - BB 9-11	135
			1112	7	45	45	FXM	G7/G11-T6V BB2-7 - BB 9-11	208		
QUAD ASI SLOT 14 PORT 1	QAM16	720 MHz	121 / 110	256	1471	2	2	ESPN sports pkg 1	G9 (G10R) T21 BB7-8 BB7-13	472	
	10 SD				1472	3	3	ESPN sports pkg 2	G9 (G10R) T21 BB7-8 BB7-13	473	
		BMR 2			1473	4	4	ESPN sports pkg 3	G9 (G10R) T21 BB7-8 BB7-13	474	
					1474	5	5	ESPN sports pkg 4	G9 (G10R) T21 BB7-8 BB7-13	475	
					1475	6	6	ESPN sports pkg 5	G9 (G10R) T21 BB7-8 BB7-13	476	
					1477	8	8	ESPN sports pkg 6	G9 (G10R) T21 BB7-8 BB7-13	477	
QUAD ASI SLOT 2 PORT 2	QAM14	720 MHz	120 / 111	256	9001	1	1	NHL / MLB 1	GE 1 T13 BB 9-5 BB 9-11	480	
	10 SD				9002	2	2	2	NHL / MLB 2	GE 1 T13 BB 9-5 BB 9-11	481
		B Music			9003	3	3	3	NHL / MLB 3	GE 1 T13 BB 9-5 BB 9-11	482
					9004	4	4	4	NHL / MLB 4	GE 1 T13 BB 9-5 BB 9-11	483
					9005	5	5	5	NHL / MLB 5	GE 1 T13 BB 9-5 BB 9-11	484
					9006	6	6	6	NHL / MLB 6	GE 1 T13 BB 9-5 BB 9-11	485
					9007	7	7	7	NHL / MLB 7	GE 1 T13 BB 9-5 BB 9-11	486
					9008	8	8	8	NHL / MLB 8	GE 1 T13 BB 9-5 BB 9-11	487
					9009	9	9	9	NHL / MLB 9	GE 1 T13 BB 9-5 BB 9-11	488
					9010	10	10	10	NHL / MLB 10	GE 1 T13 BB 9-5 BB9-11	489
					1951	40	40	40	HOD Barker	G9 (G10R) T21 BB 9-4 BB 9-11	n/a
					1589	43	43	43	Mexicana	G5 T10 BB 10-1 BB 9-11	745
					1588	44	44	44	Latin Love Songs	G5 T10 BB 10-1 BB 9-11	744
					1584	45	45	45	Party Favorites	G5 T10 BB 10-1 BB 9-11	720
					1580	46	46	46	Show Tunes	G5 T10 BB 10-1 BB 9-11	736
					1578	47	47	47	Opera	G5 T10 BB 10-1 BB 9-11	734
					1566	48	48	48	New Wave	G5 T10 BB 10-1 BB 9-11	722
					1587	49	49	49	Rock en Espanol	G5 T10 BB 10-1 BB 9-11	743
					1586	42	42	42	Salsa Merengue	G5 T10 BB 10-1 BB 9-11	742
		QUAD ASI 7 PORT 1	QAM16	735 MHz	114	256	1359	6	6	Starz2 West	G5 T12 BB10-4 BB3-12
10 SD					1361	8	8	Starz14 Family West	G5 T12 BB10-4 BB3-12	385	
	1 Data				1126	20	20	20	Biography	IA 13 T14V BB3-8 BB3-12	130
			BMR 1		1125	30	30	30	History Int	IA 13 T14V BB3-8 BB3-12	127
					3201	3	3	3	Fox Sports Central	G7/G11-T6V BB2-7 BB3-12	238
					3203	213	213	213	Fox Sports Espanol	G7/G11-T6V BB2-8 BB3-12	238
					3202	4	4	4	Fox Sports Pacific	G7/G11-T6V BB2-7 BB3-12	237
					3200	2	2	2	Fox Sports Atlantic	G7/G11-T6V BB2-7 BB3-12	235
					1360	7	7	7	Bat Movies West	G5 T12 BB10-4 BB3-12	389
					4036	1	1	1	Navic Info Services	BB9-8 BB3-12	
					9050	2224	9	9	HERE I TV	IA13 T15 BB3-8 BB3-12	380

QUAD	QAM18	741MHz	115	256	2114	12	12	12	College Sports TV	G1R T22 BB4-5 BB8-11	242
	2 HD	BMR 2			1378	3	4	4	Goodlife	G1R T22 BB4-5 BB8-11	119
	3 SD				2112	7	7	7	NBA TV	BB 4-4 BB 8-11	241
					1308	51	51	51	HBO ESPN HD	G9 (G10R) T21 BB 9-4 BB 8-11	800
QUAD ASI SLO7 PORT 2	QAM17	633 MHz	92	256	1356	8	8	8	Showtime HD	AMC10 T20 BB 7-4 BB 6-11	801
	12 SD	BMR1			1208	4	1	1	VH1 Classic	AMC11 T15 BB10-3 BB3-11	144
					1209	8	2	2	Nick GAS	AMC11 T15 BB10-3 BB3-11	175
					1210	10	3	3	Nick Top	AMC11 T15 BB10-3 BB3-11	174
					9048	51	11	11	Galavision	BB4-7 BB3-11	622
					1214	5	8	8	Boomerang	Galaxy 1R T15 BB7-4 BB3-11	178
					1215	70	10	10	Do-It-Yourself	IA 13 T14V BB3-6 BB3-11	138
					1216	60	9	9	Tech TV	IA 13 T14V BB3-6 BB3-11	137
					1225	9	6	6	Nick Toons	AMC11 T15 BB10-3 BB3-11	177
					1163	4	14	14	America's Store	G1T24 - BB3-4 - BB3-11	163
					1182	1	5	5	MTV2	C3T15 BB10-3 BB3-11	142
	QUAD ASI SLO15 PORT 2	QAM18	607.5MHz	119 / 116	256	1184	7	7	7	MTV2	C3T15 BB10-3 BB3-11
2 HD		BMR 1			1221	80	80	80	CNBC World	IA 13 T14V BB3-6 BB3-11	138
3 SD					3103	1	4	4	MC Concerts - RTE	G5 T12 BB8-1 - BB3-14	284
					9031	1	5	5	Weather Now	BB8-3 - BB3-14	210
					7778	126	254	254	AOLMU looping Barker	Bbus1/7 Path1 BB7-7 BB3-14	
					1800	1	11	11	NBA Preview Ch	GE 1 T14 BB 7-4 BB 3-14	480
					1801	3	13	13	NBA / WNBA PPV 1	GE 1 T14 BB 7-4 BB 3-14	481
					1802	5	15	15	NBA / WNBA PPV 2	GE 1 T14 BB 7-4 BB 3-14	482
					1803	7	17	17	NBA / WNBA PPV 3	GE 1 T14 BB 7-4 BB 3-14	483
					1804	9	19	19	NBA / WNBA PPV 4	GE 1 T14 BB 7-4 BB 3-14	484
					1805	11	111	111	NBA / WNBA PPV 5	GE 1 T14 BB 7-4 BB 3-14	485
QUAD ASI SLO14 PORT 2		QAM19	693MHz	107		1806	13	113	113	NBA / WNBA PPV 6	GE 1 T14 BB 7-4 BB 3-14
	2 HD	BMR1			1807	15	115	115	NBA / WNBA PPV 7	GE 1 T14 BB 7-4 BB 3-14	487
	3 SD				1808	17	117	117	NBA / WNBA PPV 8	GE 1 T14 BB 7-4 BB 3-14	488
					1809	19	119	119	NBA / WNBA PPV 9	GE 1 T14 BB 7-4 BB 3-14	489
QUAD ASI SLO4 PORT 3	QAM20	687 Mhz	106		2065	3	1	1	WCNY	BB 9-6 BB 7-14	850
	2 HD	BMR1			2066	4	2	2	UWCNY KIDS	BB 9-6 BB 7-14	851
SLOT 4 PORT 2	QAM21				2067	5	3	3	WCNY YOU	BB 9-6 BB 7-14	852
	2 SD				2068	6	6	6	WCNY HD	BB 9-6 BB 7-14	853
SLOT 4 PORT 3	QAM22				7003	3	4	4	WCNY HD	BB 9-5 BB 7-14	855
	2 SD				1005	2	2	2	WCNY HD	BB 7-5 BB 7-12	883
SLOT 2	QAM23	729MHz	113		7001	2	3	3	WCNY HD	BB9-1 BB 7-12	889
	2 HD	BMR1			9046	6	6	6	The Tube	BB 7-5 BB 7-12	884
PORT 3	QAM24	723MHz	112		9047	5	5	5	Weather Plus	BB 7-5 BB 7-12	133
	2 HD	BMR 1			9033	1	1	1	InDemand HD1	AMC10 T7	815
PORT 1	QAM25				9034	2	2	2	InDemand HD2	AMC10 T7	816
	2 HD				9038	1	1	1	ESPN HD	BB4-5 BB7-13	810
QUAD ASI SLO14 PORT 3	QAM26	651 MHz	100		9039				YES HD	BB4-6 BB7-13	809
	2 HD	BMR 1			1219	6	6	6	Nat Geo	BB2-7 BB7-13	128
QUAD ASI SLO15 PORT 3	QAM27	579 Potsdam and Watertown	83		7038	3	3	3	WVUT HD	BB 3-1 BB 3-13	875
	2 HD	BMR1			7004	2	3	3	WVUT HD	BB 3-2 BB 3-11	889
QUAD ASI SLO14 PORT 3	QAM28	688MHz	122 / 84		7002	4	2	2	WVNY HD	BB 3-1 BB 3-11	875
	10 SD	BMR1			3101				test barker		280
					3222	8	8	8	SBN - Saigon	G11 T24Q BB8-5 BB9-13	672
					3220	3	3	3	CCTV-4 - Chinese	G11 T24Q BB8-5 BB9-13	665
					3216	5	5	5	RTN - Russian	G11 T24I BB7-3 BB9-13	656
					3215	7	7	7	TV5 - French	G11 T24I BB7-3 BB9-13	653
					3219	12	12	12	Zee TV - Hindi	IA13 T12 BB8-7 BB9-13	683
					3217	13	13	13	RAI - Italian	G11 T24I BB7-3 BB9-13	659
					3223	14	14	14	ART - Arabic	G11 T24I BB7-3 BB9-13	675
					3225	1	2	2	ROSPAN2	BB 9-2 BB9-13	1901
					1161	1	1	1	FINN	BB 8-2 BB9-13	1908
	QUAD ASI SLO15 PORT 3	QAM29	688MHz	117 / 105	256	3211	26	2	2	Mun 2 - Spanish	AMC11 T20I BB7-2 BB2-12
12 SD		BMR1			9049	48	15	15	Telefutura	BB7-1 BB2-12	624
					3204	7	6	6	Tennis	IA13 T15 BB2-6 BB2-12	239
					3208	8	9	9	Disc Espanol	AMC11 T22 BB3-5 BB2-12	608
					3210	3	10	10	MTV Espanol	AMC11 T15 BB10-3 BB2-12	612
					3209	7	11	11	VH Uno	Satcom C3 T15 BB8-4 BB2-12	610
					3206	1111	1	1	Sopressa	IA13 T18 BB8-8 BB2-12	602
					3207	3	18	18	CNN Espanol	G1 T15 BB7-4 BB2-12	604
					3213	4	5	5	Video Rola	IA13 T12 BB8-7 BB 2-12	618
					3212	9	18	18	Puma	IA13 T6 BB8-6 BB2-12	616
					3205	3	3	3	Cine Latino	IA13 T12 BB8-6 BB2-12	600
					3214	4	4	4	LaFamilia	IA13 T6BB8-6 BB2-12	620

Open Freq's 585, 681, 711, 717 and 747

585
 681
 711
 717
 747

QAM Name	Qam Frequency	Session ID	MPEG OUT	BMR MPEG	SERVICE	Channel Number			
SCSYR1	585 MHz	00:00:00:00:00:00 9051		22511001	program 1	TBS	17		
		00:00:00:00:00:00 9052			program 2	TNT	45		
		00:00:00:00:00:00 9053			program 3	SPIKE TV	78		
		00:00:00:00:00:00 9054			program 4	VH-1	29		
		00:00:00:00:00:00 9055			program 5	HISTORY	62		
		00:00:00:00:00:00 9056			program 6	SNY	54		
		00:00:00:00:00:00 9057			program 7	ABC FAM	20		
		00:00:00:00:00:00 9058			program 8	ANIMAL PLANET	18		
		00:00:00:00:00:00 9059			program 9	HALLMARK	43		
		00:00:00:00:00:00 9060			program 10	HDLN	23		
		00:00:00:00:00:00 9061			program 11	TRAVEL	41		
		00:00:00:00:00:00 9062			program 12	WE	64		
		00:00:00:00:00:00 9063			program 12	WE	64		
		SCSYR2	681 MHz	00:00:00:00:00:00 9068		22511002	program 1	ESPN-C	72
00:00:00:00:00:00 9069					program 2	TWSP	26		
00:00:00:00:00:00 9070					program 3	SCI-FI	61		
00:00:00:00:00:00 9071					program 4	AMC	67		
00:00:00:00:00:00 9072					program 5	GOLF	57		
00:00:00:00:00:00 9073					program 6	NICK	34		
00:00:00:00:00:00 9074					program 7	A&E	33		
00:00:00:00:00:00 9075					program 8	CNBC	37		
00:00:00:00:00:00 9076					program 9	FOX NEWS	39		
00:00:00:00:00:00 9077					program 10	HGTV	60		
00:00:00:00:00:00 9078					program 11	SOAPNET	58		
00:00:00:00:00:00 9088					program 12	FOOD	46		
SCSYR3	777 MHz			00:00:00:00:00:00 9080		22511003	program 1	ESPN2	25
				00:00:00:00:00:00 9081			program 2	YES	53
		00:00:00:00:00:00 9082			program 3	MTV	28		
		00:00:00:00:00:00 9083			program 4	BET	48		
		00:00:00:00:00:00 9084			program 5	DISC	32		
		00:00:00:00:00:00 9085			program 6	OLN	55		
		00:00:00:00:00:00 9086			program 7	USA	31		
		00:00:00:00:00:00 9087			program 8	CNN	22		
		00:00:00:00:00:00 9079			program 9	COURT TV	52		
		00:00:00:00:00:00 9099			program 10	LIFETIME	30		
		00:00:00:00:00:00 10000			program 11	OXYGEN	69		
		00:00:00:00:00:00 10001			program 12	MSNBC	38		
		SCSYR4	881 MHz	00:00:00:00:00:00 10004		22511004	program 1	ESPN	24
				00:00:00:00:00:00 10005			program 2	CMT	27
00:00:00:00:00:00 10006					program 3	FX	21		
00:00:00:00:00:00 10007					program 4	BRAVO	70		
00:00:00:00:00:00 10008					program 5	CARTOON	51		
00:00:00:00:00:00 10009					program 6	TV LAND	47		
00:00:00:00:00:00 10011					program 7	COMEDY	50		
00:00:00:00:00:00 10012					program 8	COMEDY	77		
00:00:00:00:00:00 10013					program 9	COMEDY	65		
00:00:00:00:00:00 10014					program 10	COMEDY	10		
00:00:00:00:00:00 10015					program 12	TLC	49		
00:00:00:00:00:00 10010					program 12	TLC	40		
SCSYR5	555 MHz			00:00:00:00:00:00 10016		22511005	program 1	WSTW	
				00:00:00:00:00:00 10017			program 2	WBBS	
		00:00:00:00:00:00 10018			program 3	WIXT			
		00:00:00:00:00:00 10019			program 4	WJNY			
		00:00:00:00:00:00 10020			program 5	WTVH			
		00:00:00:00:00:00 10021			program 6	WSTQ			
		00:00:00:00:00:00 10022			program 7	WNYX			
		00:00:00:00:00:00 10023			program 8	WXYT			
		00:00:00:00:00:00 10024			program 9	WSRX			
		00:00:00:00:00:00 10049			program 10	WJNY2			
		00:00:00:00:00:00 10025			program 11	DISCOVERY HEALTH	59		
		00:00:00:00:00:00 10026			program 12	STYLE	75		
					passing traffic	22511006			
					passing traffic	22511007			

QAM Name	Qam Frequency	Session ID	MPEG OUT	BMR MPEG
SCF015	585 MHz			225/110/8
		00:00:00:00:00:03 9051		program 1
		00:00:00:00:00:03 9052		program 2
		00:00:00:00:00:03 9053		program 3
		00:00:00:00:00:03 9054		program 4
		00:00:00:00:00:03 9055		program 5
		00:00:00:00:00:03 9056		program 6
		00:00:00:00:00:03 9057		program 7
		00:00:00:00:00:03 9058		program 8
		00:00:00:00:00:03 9059		program 9
		00:00:00:00:00:03 9060		program 10
		00:00:00:00:00:03 9061		program 11
		00:00:00:00:00:03 9062		program 12
SCF017	681 MHz			
		00:00:00:00:00:03 9068		ESPN-C
		00:00:00:00:00:03 9069		TWSP
		00:00:00:00:00:03 9070		SCI-FI
		00:00:00:00:00:03 9071		AMC
		00:00:00:00:00:03 9072		GOLF
		00:00:00:00:00:03 9073		NICK
		00:00:00:00:00:03 9074		A&E
		00:00:00:00:00:03 9075		CNBC
		00:00:00:00:00:03 9076		FOX NEWS
		00:00:00:00:00:03 9077		HGTV
		00:00:00:00:00:03 9078		SOAPNET
		00:00:00:00:00:03 9088		FOOD
SCF018	477 MHz/543 MHz			
		00:00:00:00:00:03 9080		ESPN2
		00:00:00:00:00:03 9081		YES
		00:00:00:00:00:03 9082		MTV
		00:00:00:00:00:03 9083		BET
		00:00:00:00:00:03 9084		DISC
		00:00:00:00:00:03 9085		OLN
		00:00:00:00:00:03 9086		USA
		00:00:00:00:00:03 9087		CNN
		00:00:00:00:00:03 9079		COURT TV
		00:00:00:00:00:03 9099		LIFETIME
		00:00:00:00:00:03 10000		OXYGEN
		00:00:00:00:00:03 10001		MSNBC
SCF019	663 MHz			
		00:00:00:00:00:03 10004		ESPN
		00:00:00:00:00:03 10005		CMT
		00:00:00:00:00:03 10006		FX
		00:00:00:00:00:03 10007		BRAVO
		00:00:00:00:00:03 10008		CARTOON
		00:00:00:00:00:03 10009		TV LAND
		00:00:00:00:00:03 10011		COMEDY
		00:00:00:00:00:03 10012		FI
		00:00:00:00:00:03 10013		IMN
		00:00:00:00:00:03 10014		NEWS 10

	00:00:00:00:00:03 10015		TLC
	00:00:00:00:00:03 10010		WV
SCFUEZ	555 MHz		
	00:00:00:00:00:03 10016		WSTM
	00:00:00:00:00:03 10017		WRBS
	00:00:00:00:00:03 10018		WXT
	00:00:00:00:00:03 10019		WONY
	00:00:00:00:00:03 10020		WTVH
	00:00:00:00:00:03 10021		WSTQ
	00:00:00:00:00:03 10022		WNY5
	00:00:00:00:00:03 10023		WSYT
	00:00:00:00:00:03 10024		WSPX
	00:00:00:00:00:03 10049		WONY2
	00:00:00:00:00:03 10025		DISCOVERYHE
	00:00:00:00:00:03 10026		STYLE

TIME WARNER CABLE- SYRACUSE DIVISION

Digital MQAM Frequencies

609 MHZ
615 MHz
621 MHz
627 MHz
These are for I-Control services.

TIME WARNER CABLE - SYRACUSE DIVISION

Statement of Qualifications

System Name : Syracuse

Employee Name : Don Palmer

Title : Headend Technician

System : Syracuse

Qualifications :

Total years of services- 12 1/2
Service Technician- 9 years
Maintenance Technician- 1 years
Headend Technician- 1 1/2 years

Employee Name : Benny LaRocca

Title : Senior Network Technician

System : Syracuse

Qualifications :

Senior Network Technician- 6 1/2 years
Service Technician- 10 years
Technology and Communications Schooling

Employee Name : Rich Wilmot

Title : Headend Technician

System : Syracuse

Qualifications :

Total years of service- 4
Service Technician- 3 1/2 years
Headend- 1/2 Years

TIME WARNER CABLE - SYRACUSE DIVISION

Statement of Qualifications

System Name : Syracuse

Employee Name : Don Singleton

Title : Maintenance Technician

System : Syracuse

Qualifications :

Total years of service- 22
installer- 4
service- 11
Maintenance- 6

Employee Name : Melvin Johnson

Title : Maintenance Technician

System : Syracuse

Qualifications :

Total years of service- 25
installer- 2 years
Service- 2 years
Maintenance- 21 years

Employee Name : Neil Rader

Title : Maintenance Technician

System : Syracuse

Qualifications :

Total years of service- 12 1/2
Installer- 4
Service Technician- 4
Maintenance Technician- 4 1/2

TIME WARNER CABLE - SYRACUSE DIVISION

Test Equipment Listings

System Name : Syracuse

Date : 08/01/2006

Test Equipment				
EQUIPMENT DESCRIPTION	MODEL NUMBER	MANUFACTURER	SERIAL NUMBER	LAST CALIB
DSP	860i	Trilithic	223241	2004
DSP	860i	Trilithic	221899	2004
Preselector	n/a	Trilithic	F005120	n/a
Spectrum	8591C	HP	3649A01838	2006
Amp	LHA35RM	Lindsay	S104037	n/a
TSC	TSG95	Textronix	B028684	2006
DSP	860i	Trilithic	223239	2004

TIME WARNER CABLE - SYRACUSE DIVISION

Terminal Isolation Test

System Name : Syracuse

Date : 08/01/2006

The terminal isolation provided to each subscriber terminal shall not be less than 18 decibels. In lieu of periodic testing, the cable operator may use specifications provided by the manufacturer for the terminal isolation equipment to meet this standard.

Instructions:

Attach a copy of the manufacturer's specifications covering all directional taps used in the system. The specification sheet must show the minimum tap-to-tap isolation. In lieu of a specification sheet, attach a letter from the manufacturer(s) certifying that the directional taps used in the system do exhibit a minimum tap-to-tap isolation of 18dB.

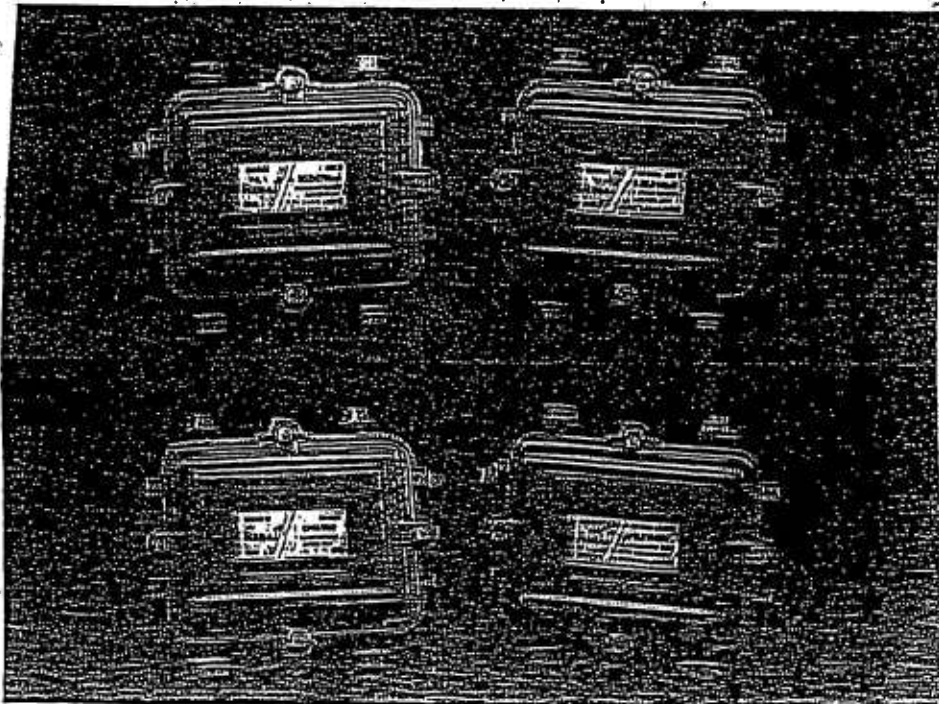


Line Passives

600 MHz, 100dB EMI

RLDC10, RPI10 Series

Recognized as the industry leader in the development of 1 GHz passive components, Raytheon now offers a full line of 1 GHz line passives to complete the RMT10 series of 1 GHz line passives. These line passives feature rugged components to sustain integrity and ensure high performance characteristics. The interlocking tongue and groove keyed housing with woven metallic gasket resists signal ingress and egress. The weather gasket within the tongue and groove channel provides a watertight assembly. The printed power path makes diagnostics more efficient. The 360 alloy aluminum housing with double polyurethane coating resists years of corrosion and salt water degradation.



RLDC10-8, RLS10-3 (top); RPI-100, RLS10-2SP (bottom)

Application

Emerging trends such as digital, fiber optic deployment, on demand and digital distribution require increased bandwidth. To meet the demands of these technologies, RLS10 two-way splitters, RLDC10 couplers and RPI-100 inserters feature unequaled performance to 1 GHz and long durability.

Trade Options

1 GHz line passives may be modified to include surge protection. 600 MHz faceplates, with or without surge protection, may be used in any existing 600 MHz line passive.

Features:

- Glass epoxy printed circuit board with premium components for superior RF performance
- Interlocking tongue and groove faceplate/housing design provides exceptional EMI isolation
- 360 alloy aluminum housing with double polyurethane coating resists corrosion and increases product life
- Printed power routing path to aid in system diagnostics
- Interchangeable faceplates among all 600 MHz and 1 GHz passives

Performance and Reliability

- 1 GHz bandwidth with low loss characteristics
- 100dB minimum EMI isolation

Installation ease

- 1/2" long enny ports allow for greater heatshrink overlap
- Field replaceable fuse clips
- Cast-in strip gauge for proper center conductor trim length
- Captive hardware prevents accidental loss during installs
- Keyed housing for proper assembly
- Circuit board comes mounted on faceplate but may be changed to housing to eliminate outages during diagnostics

Mechanical Integrity

- Stainless steel hardware resists corrosion
- Non-rotational seizing mechanism with one seizure screw per port for aerial/underground installs

Taps

100 Hz, 100dB EMI
10 Series - Two-port

Final performance specifications

RMT102-	4.0	8.0	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0
Return loss value (dB)											
5 - 10 MHz	3.40	7.20	10.34	14.60	16.50	20.60	22.50	25.60	28.50	31.60	34.70
10 - 50 MHz	3.40	7.20	10.70	14.60	16.50	20.60	22.60	25.70	28.50	31.60	34.70
50 - 100 MHz	3.40	7.20	10.78	14.60	16.50	20.60	22.60	25.70	28.60	31.70	34.80
100 - 200 MHz	3.50	7.20	10.82	14.50	16.50	20.60	22.60	25.70	28.60	31.70	34.90
200 - 300 MHz	3.50	7.20	10.78	14.40	16.50	20.60	22.60	25.80	28.70	31.90	35.20
300 - 400 MHz	3.60	7.20	10.70	14.20	16.60	20.60	22.60	25.90	28.90	32.30	35.30
400 - 500 MHz	3.50	7.40	10.68	14.20	16.70	21.80	22.60	26.10	28.90	32.60	35.70
500 - 600 MHz	3.60	7.40	10.74	13.80	16.70	21.00	22.90	26.10	29.10	32.60	35.70
600 - 700 MHz	3.70	7.60	10.72	13.60	16.80	21.10	22.90	26.00	29.10	32.60	35.60
700 - 800 MHz	3.80	7.60	10.76	13.20	16.80	21.20	22.80	25.80	28.90	32.50	35.50
800 - 900 MHz	3.80	7.90	10.80	12.80	16.80	21.10	23.00	25.50	28.60	32.50	35.50
900 - 1000 MHz	4.20	8.60	11.24	13.00	17.30	21.40	23.80	25.50	28.60	32.40	35.40
Return insertion loss (dB)											
5 - 10 MHz	T	3.38	1.57	1.01	0.72	0.43	0.44	0.51	0.43	0.46	0.42
10 - 50 MHz	T	3.36	1.42	0.90	0.68	0.36	0.36	0.42	0.36	0.40	0.40
50 - 100 MHz	T	3.55	1.46	0.90	0.67	0.36	0.36	0.47	0.38	0.42	0.42
100 - 200 MHz	T	3.46	1.50	0.92	0.68	0.40	0.40	0.50	0.40	0.44	0.44
200 - 300 MHz	T	3.52	1.57	0.97	0.71	0.44	0.42	0.55	0.45	0.48	0.48
300 - 400 MHz	T	3.59	1.62	1.10	0.71	0.42	0.43	0.55	0.47	0.49	0.49
400 - 500 MHz	T	3.78	1.78	1.29	0.96	0.63	0.70	0.79	0.68	0.74	0.77
500 - 600 MHz	T	4.00	1.95	1.31	0.90	0.81	0.68	0.85	0.71	0.68	0.67
600 - 700 MHz	T	4.30	2.28	1.52	1.25	1.11	1.57	1.05	0.72	0.80	0.82
700 - 800 MHz	T	4.33	2.46	2.00	1.33	1.38	1.30	1.25	1.18	1.25	1.18
800 - 900 MHz	T	4.35	2.60	2.15	1.35	1.35	1.15	1.18	1.05	1.10	1.13
900 - 1000 MHz	T	4.52	3.00	2.51	1.51	1.41	1.11	1.22	1.08	1.16	1.06

Taps

100 Hz, 100dB EMI
10 Series - Four-port

Typical performance specifications

RMT104	8.0	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0
Typical tap value (dB)										
5 - 10 MHz	7.00	10.40	13.40	17.60	20.20	23.10	25.50	28.50	31.40	34.50
10 - 50 MHz	6.90	10.20	14.00	17.70	20.20	23.10	25.60	28.60	31.40	34.50
50 - 100 MHz	6.90	10.20	14.00	17.70	20.20	23.10	25.60	28.75	31.56	34.68
100 - 200 MHz	6.90	10.20	14.00	17.70	20.30	23.20	25.70	29.06	31.68	34.86
200 - 300 MHz	6.90	10.20	14.10	17.40	20.40	23.30	25.90	29.13	31.75	34.88
300 - 400 MHz	6.90	10.20	14.10	17.10	20.40	23.20	26.10	29.07	31.80	35.21
400 - 500 MHz	7.10	10.20	14.30	16.90	20.10	23.00	26.00	28.67	31.44	35.05
500 - 600 MHz	7.10	10.20	14.40	16.70	19.94	22.60	25.80	28.79	31.25	34.78
600 - 700 MHz	7.10	10.30	14.40	16.40	19.95	22.60	25.70	28.78	30.94	34.20
700 - 800 MHz	7.30	10.50	14.30	16.10	20.30	22.70	25.70	28.80	30.65	34.12
800 - 900 MHz	7.30	10.80	14.20	15.80	20.60	23.20	25.90	28.50	30.55	34.38
900 - 1000 MHz	7.40	11.70	14.20	15.50	21.70	23.80	26.60	28.30	31.30	35.70
Typical insertion loss (dB)										
5 - 10 MHz	T	3.26	1.55	0.93	0.75	0.55	0.52	0.52	0.55	0.59
10 - 50 MHz	T	3.22	1.43	0.87	0.69	0.50	0.47	0.43	0.45	0.51
50 - 100 MHz	T	3.29	1.45	0.91	0.71	0.51	0.48	0.46	0.44	0.41
100 - 200 MHz	T	3.34	1.50	0.94	0.70	0.52	0.48	0.46	0.45	0.43
200 - 300 MHz	T	3.45	1.61	1.03	0.72	0.56	0.49	0.49	0.47	0.44
300 - 400 MHz	T	3.61	1.71	1.08	0.70	0.58	0.48	0.47	0.49	0.47
400 - 500 MHz	T	3.70	1.81	1.18	0.83	0.67	0.56	0.50	0.51	0.52
500 - 600 MHz	T	4.14	2.01	1.26	0.87	0.78	0.63	0.53	0.56	0.53
600 - 700 MHz	T	4.08	2.32	1.47	1.03	0.92	0.75	0.68	0.65	0.72
700 - 800 MHz	T	4.36	2.46	2.00	1.26	1.23	1.15	1.05	1.01	1.04
800 - 900 MHz	T	4.40	2.84	2.35	1.33	1.17	1.05	0.96	0.91	0.91
900 - 1000 MHz	T	4.27	3.33	2.58	1.48	1.09	0.96	0.92	0.94	0.90

Taps

30 Hz, 100dB EMI

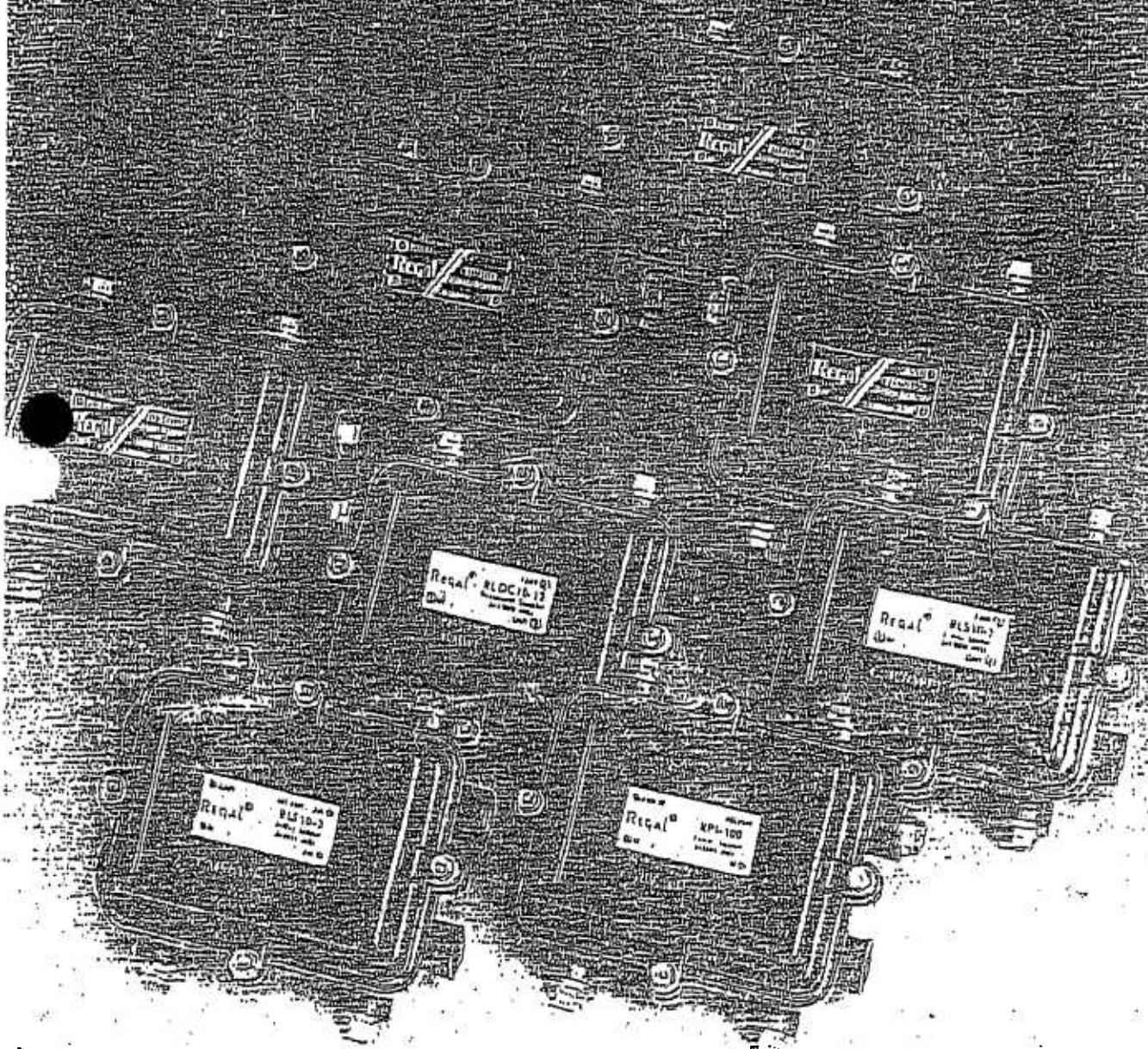
10 Series - Eight-port

Signal performance specifications

RMT108-	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0
return loss value (dB)									
5 - 10 MHz	10.55	14.40	17.00	20.10	23.10	25.20	28.10	31.20	34.80
10 - 50 MHz	10.20	13.60	17.10	20.10	23.30	25.60	28.90	31.70	35.20
50 - 100 MHz	10.15	13.70	17.50	20.20	23.40	25.70	28.90	31.80	35.20
100 - 200 MHz	10.35	13.60	17.70	20.30	23.50	26.00	29.20	31.80	35.30
200 - 300 MHz	10.30	13.60	17.80	20.30	23.50	25.90	29.30	32.00	35.50
300 - 400 MHz	10.40	13.70	17.50	20.30	23.60	25.70	29.60	32.00	35.70
400 - 500 MHz	10.40	13.70	17.60	20.30	23.70	25.70	29.80	32.10	35.90
500 - 600 MHz	10.55	14.00	17.70	20.30	23.70	25.80	29.70	32.00	36.00
600 - 700 MHz	10.60	13.80	17.30	20.00	23.20	25.60	29.00	31.80	36.00
700 - 800 MHz	11.00	13.80	17.20	20.40	23.20	25.60	28.60	31.90	35.80
800 - 900 MHz	11.30	14.30	17.50	21.00	23.20	25.60	28.30	31.80	35.90
900 - 1000 MHz	11.60	14.90	18.20	21.30	23.30	25.10	28.40	31.70	35.90
signal insertion loss (dB)									
5 - 10 MHz	T	3.22	1.54	1.05	0.81	0.77	0.51	0.52	0.52
10 - 50 MHz	T	3.34	1.43	0.94	0.70	0.69	0.41	0.46	0.49
50 - 100 MHz	T	3.46	1.44	0.93	0.72	0.64	0.43	0.46	0.44
100 - 200 MHz	T	3.50	1.48	0.96	0.72	0.66	0.45	0.46	0.46
200 - 300 MHz	T	3.60	1.57	1.03	0.71	0.68	0.47	0.49	0.47
300 - 400 MHz	T	3.71	1.66	1.03	0.74	0.73	0.54	0.51	0.50
400 - 500 MHz	T	3.73	1.96	1.16	0.86	0.87	0.77	0.64	0.61
500 - 600 MHz	T	3.87	1.98	1.48	1.23	1.21	0.97	0.94	0.76
600 - 700 MHz	T	4.19	1.93	1.35	1.01	0.95	0.76	0.68	0.91
700 - 800 MHz	T	4.34	1.30	1.70	1.14	1.04	0.93	0.78	0.85
800 - 900 MHz	T	4.20	2.43	1.85	1.20	1.06	0.93	0.82	0.85
900 - 1000 MHz	T	4.24	2.68	2.42	1.37	1.16	1.04	0.84	0.89

REGAL

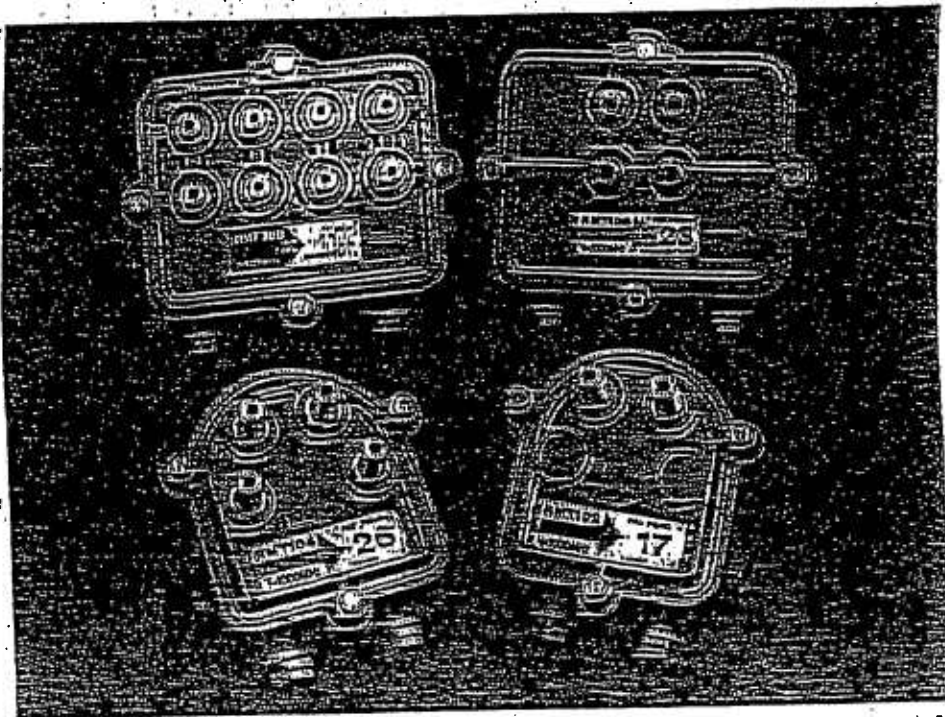
TECHNOLOGIES LTD



Taps

100dB EMI D Series

Regal has developed the first 1 GHz and line passive product in the industry. 1 GHz Regal is designed to optimize signal to the drop. Each unit uses premium components to ensure signal integrity and ensure consistent characteristics. The interlocking tongue and groove housing design, ten metallic gasket protrusions, and a weather gasket within the interlocking groove housing establishes a watertight seal. To further inhibit moisture, each "F" port is sealed with a gasket and faceplate interface gasket. The back cover is sealed with water-tight epoxy, eliminating water ingress into the circuit board.



RMT108-11, RMT104-23, RMT104-26, RMT102-17 (clockwise from top left)

Caution

Accelerating trends towards capacity for near video on HDTV, digital audio and deployment simulate the need for 1 GHz capacity. Installing taps today futureproofs a system for these emerging technologies. Advanced technology and expertise have enabled Regal to design a 1 GHz tap which is interchangeable with all existing 600 MHz Regal taps. All Regal taps permit as power passing. Non-passing versions of the D Series taps are available. Contact your Regal representative for details and specifications.

Options

600 MHz taps may be upgraded to 1 GHz with a faceplate retrofit. 1 GHz taps are available in wide and narrow bodies for system compatibility.

Features:

- Glass epoxy printed circuit board with premium components for superior RF performance
- Interlocking tongue and groove faceplate/housing design provides exceptional EMI isolation
- 360 alloy aluminum housing with double polyurethane coating resists corrosion and increases product life
- Triple sealed nickel plated brass "F" ports with drip wells inhibit water migration and resist corrosion
- Interchangeable faceplates with all existing 600 MHz Regal taps

Performance and Reliability

- 1 GHz bandwidth with low loss characteristics

Installation ease

- 1/2" long numbered "F" ports for proper connector fit also allow use of sealing boots
- Small unit size (two and four-port) fits easily into pedestals
- Cast-in strip gauge for proper center conductor trim length
- Captive hardware prevents accidental loss during installs
- Color coded tap values for easy identification
- Conical center conductor guide for accurate feeder line installs

Mechanical Integrity

- Stainless steel hardware resists corrosion
- Non-rotational seizing mechanism with four seizure screws for aerial/underground installs

Passives

100dB EMI

0-2, RLS10-3 Line Splitters



Typical case performance specifications

10-2 - Two-way splitter

Frequency (MHz)	5 - 10	10 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 900	900 - 1000
Insertion loss (dB maximum)	4.3	4.2	4.6	4.6	5.0	5.2	5.4	5.7
Reflection loss (dB minimum)	16	18	19	20	20	18	17	16
Shielding (dB minimum)	23	28	25	25	23	23	20	18
Surge shielding (dB minimum)	100	100	100	100	100	100	100	100
Modulation 10 Amp (dB min.)	60	60	60	60	60	60	60	60
Power rating	12 Amps AC/DC, 60 Volts, 60 Hz							

10-3 - Three-way splitter

Frequency (MHz)	5 - 10	10 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 900	900 - 1000
Insertion loss (dB max.) ports 2, 3	4.4	4.3	4.8	4.8	5.2	5.4	5.7	6.0
Insertion loss (dB max.) port 4	8.0	8.0	8.2	8.4	8.5	8.7	9.0	9.2
Reflection loss (dB minimum)	16	18	19	20	19	18	17	16
Shielding (dB minimum)	23	28	23	21	20	20	19	18
Surge shielding (dB minimum)	100	100	100	100	100	100	100	100
Modulation 10 Amp (dB min.)	60	60	60	60	60	60	60	60
Power rating	12 Amps AC/DC, 60 Volts, 60 Hz							

S10-2SP - Two-way splitter with surge protection

S10-3SP - Three-way splitter with surge protection

Trigger voltage	104 Vpk minimum 118 Vpk maximum
Trigger response	<200 ns (bi-directional voltage sensing)
Current clamping (capacity)	40 Amps (steady state) 400 Amps (8.3 milliseconds)

Recommended torque

Housing closure screws	20-30 in. lb.
Center conductor seizure	15-20 in. lb.
Port plugs	10-15 ft. lb.
Connector pull-out	100 lb. minimum

Line Passives

100 MHz, 100dB EMI

10-2, RLS10-3 Line Splitters

nominal performance specifications

10-2 - Two-way splitter

10-2SP - with surge protection

frequency (MHz)	5 - 10	10 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 900	900 - 1000
Insertion loss (dB maximum)	3.72	3.66	3.96	3.88	3.86	3.82	3.90	4.20

10-3 - Three-way splitter

10-3SP - with surge protection

frequency (MHz)	5 - 10	10 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 900	900 - 1000
Insertion loss (dB maximum)	3.78	3.70	3.96	3.96	3.98	4.00	3.90	4.10
	7.33	7.08	7.40	7.46	7.48	7.44	7.78	8.48

Passives

100dB EMI

10-* Directional Couplers



typical case performance specifications

DC10-* - Directional couplers

Frequency (MHz)	5 - 10	10 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 900	900 - 1000
Return loss (dB maximum)								
RIDC10-8	2.4	2.4	2.7	2.8	2.9	3.2	3.7	4.1
RIDC10-12	1.7	1.6	2.0	2.1	2.4	2.5	2.9	3.5
RIDC10-16	2.2	1.6	2.0	2.1	2.4	2.5	2.9	3.5
Insertion loss (dB minimum)								
RIDC10-8	15	15	16	18	20	18	17	16
RIDC10-12	15	15	16	18	20	18	17	16
RIDC10-16	15	15	17	18	20	18	17	16
Shielding (dB minimum)								
RIDC10-8	28	30	28	27	24	21	18	18
RIDC10-12	28	28	28	27	25	23	18	18
RIDC10-16	25	25	27	27	27	24	19	18
Shielding (dB minimum)	100	100	100	100	100	100	100	100
Power modulation 10 Amp (dB min.)	60	60	60	60	60	60	60	60
Power rating	12 Amps AC/DC, 60 Volts, 60 Hz							

DC10-*SP - Directional couplers with surge protection

Trigger voltage	104 Vpk minimum 118 Vpk maximum
Trigger response	<200 ns bi-directional voltage sensing
Current clamping (capacity)	40 Amps (steady state) 400 Amps (8.3 milliseconds)

* indicates value of directional coupler; available in 8, 12 or 16dB versions

Recommended torque

Housing closure screws	20-30 in. lb.
Center conductor seizure	15-20 in. lb.
Port plugs	10-15 ft. lb.
Connector pull-out	100 lb. minimum

Line Passives

500 MHz, 100dB EMI

C10-* Directional Couplers

Typical performance specifications

C10-* Directional couplers

C10-* SP - with surge protection

frequency (MHz)	5 - 10	10 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 900	900 - 1000
Return loss								
RLDC10-8	8.62	8.60	8.86	8.70	8.70	8.44	8.14	8.22
RLDC10-12	12.26	12.02	12.22	12.00	11.94	11.84	11.62	11.66
RLDC10-16	16.52	16.88	16.88	16.66	16.50	16.44	16.12	15.74
Loss tolerance	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.2	±1.3
Insertion loss								
ILDC10-8	1.94	1.80	2.12	2.02	2.00	1.96	2.60	3.40
ILDC10-12	1.32	1.30	1.44	1.34	1.36	1.32	1.42	1.80
ILDC10-16	1.10	1.10	1.34	1.18	1.14	1.14	1.46	1.78

* indicates value of directional coupler; available in 8, 12 or 16dB versions

Line Passives

100 Hz, 100dB EMI
PI-100 Power Inserters

REGAL //
TECHNOLOGIES Ltd

Best case performance specifications

PI-100 - Power inserter

Frequency (MHz)	5 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 1000
Insertion loss (dB maximum)	1.0	1.0	1.0	1.2	1.2	1.5
Return loss (dB minimum)	16	20	20	19	18	16
Shielding (dB minimum)	60	60	60	60	57	53
EMI shielding (dB minimum)	100	100	100	100	100	100
EMI modulation 10 Amp (dB min.)	60	60	60	60	60	60
Power rating	12 Amps AC/DC, 60 Volts, 60 Hz					

DOSP - Power inserter with surge protection

Trigger voltage	104 Vpk minimum 118 Vpk maximum
Trigger response	<200 ns (bi-directional voltage sensing)
Current clamping (capacity)	40 Amps (steady state) 400 Amps (8.3 milliseconds)

Recommended torque

Housing closure screws	20-30 in. lb.
Center conductor seizure	15-20 in. lb.
Port plugs	10-15 ft. lb.
Connector pull-out	100 lb. minimum

Line Passives

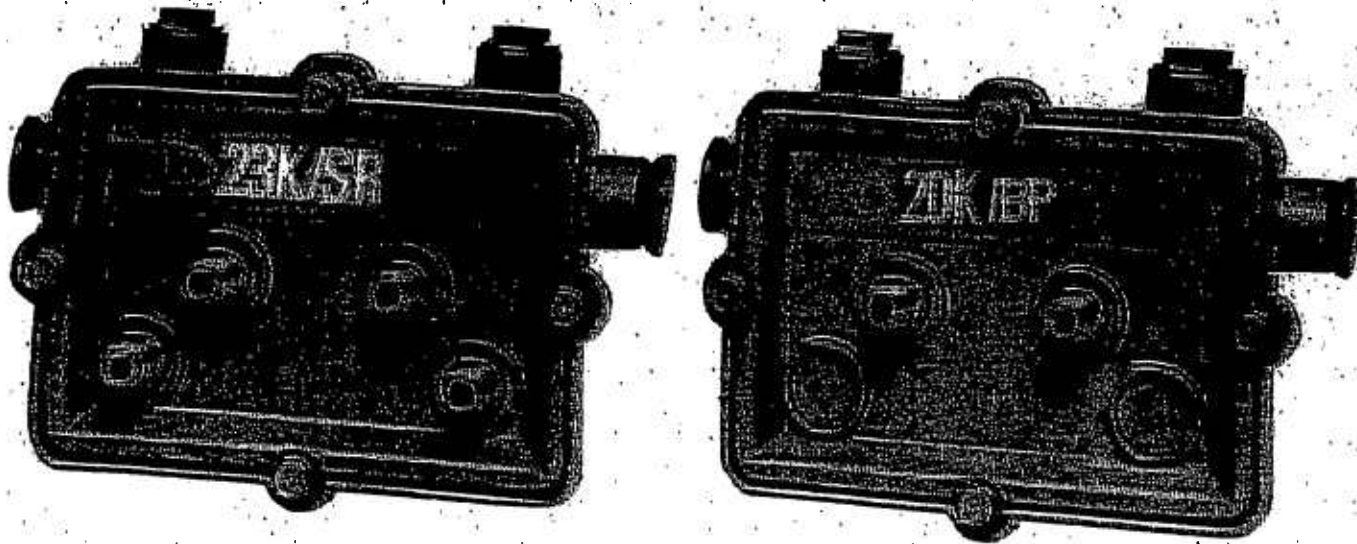
100dB EMI
100 Power Inserters

nominal performance specifications

DO - Power inserter -
DOOSP - with surge protection

frequency (MHz)	5 - 50	50 - 300	300 - 400	400 - 500	500 - 600	600 - 1000
return loss						
RPI-100	0.50	0.84	0.82	0.88	0.82	1.00
RPI-100SP	0.50	0.84	0.82	0.88	0.82	1.00

FFT*-*K/* Series



FEATURES

- 5 - 1000 MHz BANDPASS
- MINIMAL INSERTION LOSS
- BACKWARD COMPATIBLE
- SURGE RESILIENT
- SUPERIOR HUM MODULATION PERFORMANCE
- 12 AMPERE POWER PASSING
- RF/AC BYPASS CAPABILITY
- UPGRADABLE TO POWER EXTRACTING

PRODUCTS

• FFT2-*K/SR	12 Values	4-35
• FFT2-*K/BP	12 Values	4-35
• FFT4-*K/SR	11 Values	7-35
• FFT4-*K/BP	11 Values	7-35
• FFT8-*K/SR	9 Values	10-35
• FFT8-*K/BP	9 Values	10-35

INTRODUCTION

The STARLINE Full Feature Taps Series (Model FFT*-*K/*) of 1 GHz taps provides the latest technology while maintaining backward compatibility and allowing future upgradability.

BACKWARD COMPATIBILITY

All FFT*-*K/SR Series taps are backward compatible with NextLevel FFT-"F", "G", "H", "J", and standard "K" Series tap housings.

SURGE RESILIENT

FFT*-*K/SR Series taps offer the same features and performance as their predecessor the FFT*-*K Series tap and are a drop-in replacement for these taps. In addition, the SR taps offer the additional feature of surge resiliency at each F-port. This feature greatly reduces failures due to surges down the drop cable. Hum problems associated with system grounding are also eliminated by this feature.

12 AMPERE POWER PASSING

The FFT*-*K/* Series of taps is capable of passing a maximum of 12 Amperes from input to output on the feeder. These taps are designed for optimal hum modulation performance at high currents and can be used in 60 or 90 Volt systems.

RF/AC BYPASS CAPABILITY

The FFT*-*K/BP RF/AC bypass tap offers all of the features of the FFT*-*K/SR tap, including surge resiliency. In addition, the FFT*-*K/BP offers the added feature of feeder-line continuity when the faceplate is removed. This is achieved through the use of a make-before-break switch that is contained in the tap housing. This feature allows the tap to be upgraded or replaced without interrupting service on the feeder.

For customers who own existing FFT taps without this feature, an external RF/AC bypass jumper (Model BTT-RF/AC) is available to perform this function. The jumper is installed only when the faceplate is being changed. The jumper is then removed and can be used again.

UPGRADABLE TO POWER EXTRACTING

All FFT*-*K/* taps are upgradable to power extracting, as required. The K-Series power extracting tap upgrades can be installed in all FFT*-*K/* Series taps and maintain the same backward compatibility as these taps. Power extracting taps are used for network powering of telephony equipment.

NEXTLEVEL™

FFT*-K* Series

ORIGINAL
Full Feature Taps

FFT*-K* SERIES Tap to Output Isolation Normal

Model No.	5-10MHz	10-50MHz	50-450MHz	450-600MHz	600-750MHz	750-1000MHz
FFT-2K						
FFT-2-4K						
FFT-2-7K	15	20	25	30	35	40
FFT-2-10K	18	25	30	35	40	45
FFT-2-12K	20	25	30	35	40	45
FFT-2-14K	24	25	30	35	40	45
FFT-2-17K	27	25	30	35	40	45
FFT-2-20K	30	25	30	35	40	45
FFT-2-25K	30	35	40	45	50	55
FFT-2-26K	36	45	50	55	60	65
FFT-2-29K	39	45	50	55	60	65
FFT-2-32K	42	45	50	55	60	65
FFT-2-35K	45	45	50	55	60	65

Model No.	5-10MHz	10-50MHz	50-450MHz	450-600MHz	600-750MHz	750-1000MHz
FFT-4K						
FFT-4-7K						
FFT-4-10K	20	20	25	30	35	40
FFT-4-14K	25	20	30	35	40	45
FFT-4-15.5K	25	25	30	35	40	45
FFT-4-17K	27	27	30	35	40	45
FFT-4-20K	30	30	35	40	45	50
FFT-4-25K	33	35	40	45	50	55
FFT-4-26K	36	40	45	50	55	60
FFT-4-29K	39	40	45	50	55	60
FFT-4-32K	42	45	50	55	60	65
FFT-4-35K	45	45	50	55	60	65

Model No.	5-10MHz	10-50MHz	50-450MHz	450-600MHz	600-750MHz	750-1000MHz
FFT-8K						
FFT-8-10K						
FFT-8-14K	20	25	30	35	40	45
FFT-8-17K	23	30	35	40	45	50
FFT-8-20K	30	30	35	40	45	50
FFT-8-25K	30	35	40	45	50	55
FFT-8-26K	38	40	45	50	55	60
FFT-8-29K	40	45	45	40	40	45
FFT-8-32K	40	45	45	40	40	45
FFT-8-35K	40	45	45	40	40	45

Specifications subject to change without notice.

NEXT LEVEL

FFT*-K/* SERIES
 Tap Design Specifications 5-1000 MHz
 Insertion Loss (dB)
 MAXIMUM SPECIFICATION

Insertion Loss (dB)	Nom. Tap Value	5 MHz	10 MHz	50 MHz	100 MHz	500 MHz	750 MHz	850 MHz	1000 MHz
1.3	1.3	-	-	-	-	-	-	-	-
1.5	1.5	3.6	3.5	3.5	4.1	4.4	4.5	4.7	5.0
2.0	2.0	2.0	1.5	1.5	2.0	2.0	2.4	2.7	3.5
2.2	2.2	1.6	1.3	1.2	1.7	1.8	2.1	2.5	2.9
2.4	2.4	1.4	1.1	1.1	1.5	1.5	1.8	2.1	2.9
2.7	2.7	1.2	1.1	1.0	1.3	1.4	1.7	2.0	2.2
2.9	2.9	0.9	0.7	0.7	1.1	1.3	1.5	1.8	2.1
3.5	3.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
3.6	3.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.0	4.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.1	4.1	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.2	4.2	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.3	4.3	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.4	4.4	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.5	4.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.6	4.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.7	4.7	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.8	4.8	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
4.9	4.9	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.0	5.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.1	5.1	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.2	5.2	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.3	5.3	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.4	5.4	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.5	5.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.6	5.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.7	5.7	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.8	5.8	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
5.9	5.9	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.0	6.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.1	6.1	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.2	6.2	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.3	6.3	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.4	6.4	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.5	6.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.6	6.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.7	6.7	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.8	6.8	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
6.9	6.9	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.0	7.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.1	7.1	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.2	7.2	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.3	7.3	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.4	7.4	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.5	7.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.6	7.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.7	7.7	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.8	7.8	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
7.9	7.9	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.0	8.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.1	8.1	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.2	8.2	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.3	8.3	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.4	8.4	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.5	8.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.6	8.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.7	8.7	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.8	8.8	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
8.9	8.9	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.0	9.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.1	9.1	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.2	9.2	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.3	9.3	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.4	9.4	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.5	9.5	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.6	9.6	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.7	9.7	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.8	9.8	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
9.9	9.9	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0
10.0	10.0	0.6	0.5	0.5	1.0	1.1	1.4	1.6	2.0

Specifications subject to change without notice.

Conventional Multi-Taps

9000-C Series

The 9000-C series 1 GHz conventional multi-tap taps off part of its input RF signal but allows the rest of that signal to pass through. It divides the tapped-off signal into multiple outputs.

- Optional continuous AC and RF power passing circuits eliminate downstream service interruptions when face plates are removed.
- 90° rotating seizure mechanism makes installation easy.
- F-port capacitors eliminate hum modulation that can originate at the subscriber home.
- Environmental coating provides excellent corrosion resistance.
- Dual gaskets keep RF signals pure and protect the circuitry from extreme environments.

A multi-tap is a combination of a directional coupler and splitters arranged to produce a specific value or signal loss, from the multi-tap's input to its tap ports.

Philips' 9000-C series 1 GHz multi-taps are available in two-way, four-way, and eight-way models, offering two, four, and eight tap ports respectively. We've created a compact tap which fits easily into a 6-inch pedestal.

Our 9000-C series multi-taps all have these standard features:

- 1 GHz bandwidth capacity,
- brass SCTE F-ports with drip lips and rubber boots,
- FI and weather gaskets,
- network power capacity of 90 VAC, 0 to 60 Hz,
- strip gauges and heat-shrink ridges for easy installation,

- numbered ports for easier subscriber audits,
- 2.5 KV surge resistance meets ANSI/IEEE C62.41-1991 Class B, 2500 V surge and 12-amp current handling capability,
- interchangeable face plates, and
- face plates fit in 8000 series housings for easy upgrade to 1 GHz.

The aluminum die-cast housing is pressure tested to 10 psi and is coated with a protective finish, which provides excellent corrosion resistance. Rubber boots inside the brass SCTE F-ports help keep the 9000-C series multi-taps water-resistant. A single alloy at contact points eliminates the galvanic couple and corrosion that accompanies aluminum-to-brass

connections. So, by connecting the brass SCTE F-port to a brass F-connector, you can eliminate a weak link in your network.

All F-ports have a capacitor that blocks hum modulation that can originate in the subscriber home. This capacitor also provides additional protection from transients traveling on subscriber drop cables.

Order the 9000T-PWR-FI power bypass assembly option to prevent interruptions in power and RF service when face plates are removed. Also, order the 9000-USB-PBT for easy aerial to underground interconnections.

Conventional Multi-Taps

Case Specifications*

9800-C Eight-Way Series

	9812	9815	9818	9821	9824	9827	9830	9833	9836	Units
Value	12.0	15.5	18.0	21.0	24.0	27.0	30.0	33.0	36.0	dB
Width	10-1000									MHz
Color	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	Brown	
Impedance	0-19 MHz	1.7	2.0	1.5	2.5	2.5	2.5	2.5	2.5	± dB
	0-899 MHz	1.8	2.0	1.5	1.5	1.5	1.5	1.8	1.8	± dB
	00-1000 MHz	2.3	2.5	1.9	2.4	2.1	2.1	1.9	2.3	± dB
Insertion Loss (max.)										dB
	0 MHz	—	3.8	1.9	1.2	1.0	0.8	0.5	0.5	dB
	2 MHz	—	3.5	1.5	1.0	0.9	0.7	0.4	0.4	dB
	4 MHz	—	3.5	1.6	1.0	0.8	0.7	0.4	0.4	dB
	12 MHz	—	4.0	1.9	1.2	0.9	0.8	0.6	0.6	dB
	50 MHz	—	4.0	1.9	1.2	0.9	0.8	0.6	0.6	dB
	36 MHz	—	4.1	2.0	1.3	1.0	0.8	0.6	0.6	dB
	22 MHz	—	4.1	2.0	1.3	1.0	0.8	0.6	0.6	dB
	30 MHz	—	4.2	2.1	1.4	1.0	0.8	0.6	0.6	dB
	20 MHz	—	4.3	2.2	1.4	1.0	0.8	0.7	0.7	dB
	30 MHz	—	4.4	2.2	1.4	1.0	0.8	0.7	0.7	dB
	50 MHz	—	4.5	2.3	1.3	1.1	0.9	0.8	0.8	dB
	20 MHz	—	4.7	2.4	1.4	1.1	1.0	0.9	0.9	dB
	50 MHz	—	5.1	2.8	1.6	1.3	1.2	1.2	1.2	dB
	52 MHz	—	5.3	3.2	1.8	1.6	1.4	1.4	1.4	dB
	200 MHz	—	5.4	3.9	2.3	1.8	1.4	1.4	1.4	dB
Isolation (min.)										dB
	0-19 MHz	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	± dB
Tap Isolation (min.)										dB
	0-19 MHz	—	21	24	27	30	34	34	36	dB
	0-599 MHz	—	27	30	32	34	38	40	42	dB
	00-899 MHz	—	25	28	30	33	36	38	40	dB
	00-1000 MHz	—	25	28	28	33	36	38	39	dB
Tap Isolation (min.)										dB
	0-29 MHz	20	20	20	20	20	20	20	20	dB
	0-449 MHz	25	25	25	25	25	25	25	25	dB
	00-749 MHz	23	23	23	23	23	23	23	23	dB
	00-1000 MHz	20	20	20	20	20	20	20	20	dB
Loss In (min.)										dB
	0-29 MHz	17	17	17	17	17	17	17	17	dB
	0-599 MHz	18	18	18	18	18	18	18	18	dB
	00-899 MHz	17	17	17	17	17	17	17	17	dB
	00-1000 MHz	16	16	16	16	16	16	16	16	dB
Loss Out (min.)										dB
	0-29 MHz	—	17	17	17	17	17	17	17	dB
	0-599 MHz	—	18	18	18	18	18	18	18	dB
	00-899 MHz	—	17	17	17	17	17	17	17	dB
	00-1000 MHz	—	16	16	16	16	16	16	16	dB
Loss Tap (min.)										dB
	0-29 MHz	16	16	16	16	16	16	16	16	dB
	0-599 MHz	18	18	18	18	18	18	18	18	dB
	00-1000 MHz	16	16	16	16	16	16	16	16	dB
Modulation @ 8 amps (max.)										dB
	0-19 MHz	—	-64	-64	-64	-64	-64	-64	-64	dB
	0-599 MHz	—	-70	-70	-70	-70	-70	-70	-70	dB
	00-749 MHz	—	-64	-64	-64	-64	-64	-64	-64	dB
	00-1000 MHz	—	-60	-60	-60	-60	-60	-60	-60	dB
Current Rating	0	12	12	12	12	12	12	12	12	amps
Phase Angle (in.)	90	90	90	90	90	90	90	90	90	VAC
Rating	ANSI/IEEE C62.41-1991, Class B, 2500 Volts									

Specifications are subject to change without notice.

Conventional Multi-Taps

Minimal Performance*

9800-C Eight-Way Series

	9812	9815	9818	9821	9824	9827	9830	9833	9836	Units
Tap Value	12.0	15.5	18.0	21.0	24.0	27.0	30.0	33.0	36.0	dB
Bandwidth	10-1000									MHz
Color Code	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	Brown	
Insertion Loss (Input/Output)										dB
10 MHz	—	3.5	1.4	1.1	0.9	0.7	0.3	0.3	0.3	dB
30 MHz	—	3.4	1.3	0.9	0.7	0.6	0.3	0.3	0.3	dB
54 MHz	—	3.4	1.3	0.9	0.7	0.5	0.3	0.3	0.3	dB
112 MHz	—	3.8	1.7	1.0	0.8	0.7	0.4	0.5	0.4	dB
150 MHz	—	3.8	1.7	1.0	0.8	0.7	0.4	0.5	0.4	dB
186 MHz	—	3.9	1.8	1.0	0.8	0.7	0.4	0.5	0.4	dB
222 MHz	—	3.9	1.8	1.1	0.8	0.7	0.4	0.5	0.4	dB
330 MHz	—	4.0	1.9	1.1	0.8	0.7	0.5	0.5	0.5	dB
400 MHz	—	4.1	2.0	1.1	0.8	0.7	0.5	0.5	0.5	dB
450 MHz	—	4.1	2.0	1.1	0.8	0.7	0.6	0.6	0.5	dB
550 MHz	—	4.2	2.0	1.1	0.9	0.7	0.6	0.6	0.6	dB
600 MHz	—	4.5	2.2	1.2	0.9	0.8	0.7	0.7	0.6	dB
750 MHz	—	4.9	2.6	1.3	1.0	0.9	0.8	0.8	0.8	dB
862 MHz	—	5.0	2.9	1.5	1.2	1.1	1.0	1.0	1.0	dB
1000 MHz	—	5.2	3.5	1.7	1.2	1.1	1.1	1.1	1.1	dB
Return Loss										dB
10-19 MHz	10.7	13.8	17.8	19.4	22.3	25.5	28.8	32.2	34.5	dB
20-899 MHz	11.3	14.7	18.4	20.6	24.3	26.7	30.4	32.8	35.6	dB
10-1000 MHz	13.0	16.7	18.8	20.7	25.1	27.8	30.4	33.2	36.3	dB

* Specifications are subject to change without notice.

Conventional Multi-Taps

Base Specifications*

9400-C Four-Way Series

	9408	9411	9414	9417	9420	9423	9426	9429	9432	9435	Units
	8.0	11.5	14.5	17.0	20.0	23.0	26.0	29.0	32.0	35.0	dB
	10-1000										MHz
	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	Brown	
1 MHz	1.5	1.5	1.5	2.1	1.9	2.2	2.5	2.5	2.3	1.9	+ dB
9 MHz	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	+ dB
1000 MHz	1.5	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.8	2.0	+ dB
SS (max.)											dB
1/2	—	3.6	1.9	1.2	1.0	0.8	0.5	0.4	0.4	0.4	dB
1/2	—	3.5	1.5	0.9	0.8	0.7	0.4	0.3	0.3	0.3	dB
1/2	—	3.5	1.5	0.9	0.8	0.7	0.4	0.3	0.3	0.3	dB
1 Hz	—	4.0	1.8	1.0	1.0	0.8	0.6	0.6	0.6	0.6	dB
1 Hz	—	4.1	1.8	1.0	1.0	0.8	0.6	0.6	0.6	0.6	dB
1 Hz	—	4.1	1.8	1.0	1.0	0.8	0.6	0.6	0.6	0.6	dB
1 Hz	—	4.2	1.8	1.0	1.0	0.8	0.6	0.6	0.6	0.6	dB
1 Hz	—	4.3	1.9	1.0	1.0	0.9	0.6	0.6	0.6	0.6	dB
1 Hz	—	4.3	2.0	1.1	1.1	0.9	0.7	0.7	0.7	0.7	dB
1 Hz	—	4.3	2.0	1.1	1.1	0.8	0.7	0.7	0.7	0.7	dB
1 Hz	—	4.4	2.1	1.2	1.1	0.8	0.7	0.7	0.7	0.7	dB
1 Hz	—	4.7	2.4	1.4	1.1	1.0	0.8	0.8	0.8	0.8	dB
1 Hz	—	5.1	2.9	1.6	1.4	1.3	1.1	1.1	1.1	1.1	dB
1 Hz	—	5.2	3.3	1.8	1.6	1.5	1.2	1.2	1.2	1.2	dB
1 MHz	—	5.4	4.0	2.2	1.8	1.6	1.4	1.3	1.3	1.3	dB
100 MHz	0.35	0.35	0.25	0.25	0.25	0.25	0.35	0.35	0.35	0.35	+ dB
Isolation (min.)											dB
1/2	—	20	21	22	27	30	34	34	36	38	dB
1/2	—	24	27	30	33	36	38	40	42	44	dB
1000 MHz	—	22	25	28	31	34	36	38	40	42	dB
Isolation (min.)											dB
3 MHz	20	20	20	20	20	20	20	20	20	20	dB
49 MHz	25	25	25	25	25	25	25	25	25	25	dB
749 MHz	23	23	23	23	23	23	23	23	23	23	dB
1000 MHz	20	20	20	20	20	20	20	20	20	20	dB
SS In (min.)											dB
9 MHz	17	17	17	17	17	17	17	17	17	17	dB
99 MHz	18	18	18	18	18	18	18	18	18	18	dB
899 MHz	17	17	17	17	17	17	17	17	17	17	dB
1000 MHz	16	16	16	16	16	16	16	16	16	16	dB
SS Out (min.)											dB
29 MHz	—	17	17	17	17	17	17	17	17	17	dB
599 MHz	—	18	18	18	18	18	18	18	18	18	dB
899 MHz	—	17	17	17	17	17	17	17	17	17	dB
1000 MHz	—	16	16	16	16	16	16	16	16	16	dB
SS Tap (min.)											dB
29 MHz	16	16	16	16	16	16	16	16	16	16	dB
599 MHz	18	18	18	18	18	18	18	18	18	18	dB
1000 MHz	16	16	16	16	16	16	16	16	16	16	dB
Isolation @ 8 amps (max.)											dB
49 MHz	—	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
599 MHz	—	-70	-70	-70	-70	-70	-70	-70	-70	-70	dB
749 MHz	—	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
1000 MHz	—	-60	-60	-60	-60	-60	-60	-60	-60	-60	dB
Exceeds FCC requirements											
1000 MHz	0	12	12	12	12	12	12	12	12	12	amps
90	90	90	90	90	90	90	90	90	90	90	VAC

ANSI/IEEE C62.41-1991, Class B, 2500 Volts

Specifications are subject to change without notice.

Conventional Multi-Taps

Minimal Performance*

9400-C Four-Way Series

	9408	9411	9414	9417	9420	9423	9426	9429	9432	9435	Units
dB Value	8.0	11.5	14.5	17.0	20.0	23.0	26.0	29.0	32.0	35.0	dB
Bandwidth	10-1000										MHz
Color Code	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	Brown	
Insertion Loss (typical)											
10 MHz	—	3.5	1.3	1.0	0.9	0.6	0.3	0.3	0.3	0.3	dB
30 MHz	—	3.4	1.3	0.7	0.7	0.6	0.3	0.3	0.3	0.3	dB
54 MHz	—	3.4	1.3	0.7	0.7	0.6	0.3	0.3	0.3	0.3	dB
112 MHz	—	3.8	1.7	0.9	0.8	0.7	0.5	0.5	0.5	0.5	dB
150 MHz	—	3.8	1.7	0.9	0.8	0.7	0.5	0.5	0.5	0.5	dB
186 MHz	—	3.9	1.8	0.9	0.9	0.7	0.5	0.5	0.5	0.5	dB
222 MHz	—	3.9	1.8	0.9	0.9	0.7	0.5	0.5	0.5	0.5	dB
330 MHz	—	4.0	1.8	0.9	0.9	0.7	0.5	0.5	0.5	0.5	dB
400 MHz	—	4.1	1.8	1.0	0.9	0.8	0.5	0.6	0.6	0.5	dB
450 MHz	—	4.1	1.8	1.0	0.9	0.8	0.5	0.6	0.6	0.5	dB
550 MHz	—	4.2	1.9	1.0	0.9	0.8	0.6	0.6	0.6	0.6	dB
600 MHz	—	4.4	2.1	1.1	0.9	0.8	0.6	0.6	0.7	0.6	dB
750 MHz	—	4.7	2.6	1.3	1.1	1.0	0.9	0.8	0.8	0.8	dB
862 MHz	—	4.8	3.0	1.6	1.3	1.1	1.1	1.0	1.0	1.0	dB
1000 MHz	—	4.9	3.6	1.8	1.3	1.1	1.1	1.0	1.0	1.0	dB
Return Loss											
10-19 MHz	6.9	10.3	14.5	15.8	19.4	22.1	24.9	27.9	31.0	34.2	dB
20-899 MHz	7.2	10.7	14.7	17.6	21.0	23.6	26.3	29.2	32.2	35.3	dB
100-1000 MHz	8.2	12.8	15.0	18.2	20.7	23.2	26.0	29.1	32.0	35.2	dB

* Specifications are subject to change without notice.

Inventational Multi-Taps

Case Specifications*

9200-C Two-Way Series

	9204	9208	9211	9214	9217	9220	9223	9226	9229	9232	Units
Impedance	4.0	8.5	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	dB
Frequency Range	10-1000										
Color	Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	
Insertion Loss (max.)											dB
0-19 MHz	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	± dB
0-899 MHz	1.5	2.0	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.8	± dB
0-1000 MHz	2.0	2.0	1.5	2.0	1.6	1.7	1.7	2.0	2.0	2.0	± dB
Loss (max.)											dB
0-19 MHz	—	3.6	1.9	1.0	1.0	0.8	0.5	0.5	0.4	0.4	dB
0-599 MHz	—	3.1	1.5	0.8	0.8	0.7	0.5	0.4	0.3	0.3	dB
0-899 MHz	—	3.3	1.5	0.8	0.8	0.7	0.4	0.4	0.3	0.3	dB
0-1000 MHz	—	3.3	1.8	1.0	0.9	0.8	0.5	0.5	0.5	0.5	dB
0-19 MHz	—	3.3	1.8	1.0	0.9	0.8	0.5	0.5	0.5	0.5	dB
0-599 MHz	—	3.4	1.9	1.0	0.9	0.8	0.5	0.5	0.5	0.5	dB
0-899 MHz	—	3.5	1.8	1.0	1.0	0.8	0.5	0.5	0.5	0.5	dB
0-1000 MHz	—	3.6	2.0	1.0	1.0	0.8	0.6	0.6	0.6	0.6	dB
0-19 MHz	—	3.7	2.1	1.1	1.0	0.9	0.7	0.7	0.6	0.6	dB
0-599 MHz	—	3.8	2.1	1.1	1.0	0.9	0.7	0.7	0.6	0.6	dB
0-899 MHz	—	3.9	2.1	1.2	1.1	0.9	0.7	0.7	0.7	0.7	dB
0-1000 MHz	—	4.1	2.4	1.4	1.2	1.0	0.8	0.8	0.8	0.8	dB
0-19 MHz	—	4.7	3.0	1.6	1.4	1.2	1.0	1.0	0.9	0.9	dB
0-599 MHz	—	5.0	3.5	1.8	1.6	1.4	1.2	1.2	1.1	1.1	dB
0-1000 MHz	—	5.5	4.1	2.0	1.8	1.6	1.4	1.3	1.3	1.3	dB
Return Loss (min.)											dB
0-19 MHz	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	± dB
Isolation (min.)											dB
0-19 MHz	—	20	20	20	24	29	30	34	34	36	dB
0-599 MHz	—	22	24	26	30	33	36	38	40	42	dB
0-899 MHz	—	20	22	25	28	31	34	36	38	40	dB
0-1000 MHz	—	20	22	24	28	31	34	36	38	40	dB
Tap Isolation (min.)											dB
0-19 MHz	20	20	20	20	20	20	20	20	20	20	dB
0-499 MHz	25	25	25	25	25	25	25	25	25	25	dB
0-749 MHz	23	23	23	23	23	23	23	23	23	23	dB
0-1000 MHz	20	20	20	20	20	20	20	20	20	20	dB
Loss In (min.)											dB
0-19 MHz	17	17	17	17	17	17	17	17	17	17	dB
0-599 MHz	18	18	18	18	18	18	18	18	18	18	dB
0-899 MHz	17	17	17	17	17	17	17	17	17	17	dB
0-1000 MHz	16	16	16	16	16	16	16	16	16	16	dB
Loss Out (min.)											dB
0-19 MHz	—	17	17	17	17	17	17	17	17	17	dB
0-599 MHz	—	18	18	18	18	18	18	18	18	18	dB
0-899 MHz	—	17	17	17	17	17	17	17	17	17	dB
0-1000 MHz	—	16	16	16	16	16	16	16	16	16	dB
Loss Tap (min.)											dB
0-19 MHz	16	16	16	16	16	16	16	16	16	16	dB
0-599 MHz	18	18	18	18	18	18	18	18	18	18	dB
0-1000 MHz	16	16	16	16	16	16	16	16	16	16	dB
Modulation @ B amps (max.)											dB
0-19 MHz	—	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
0-599 MHz	—	-70	-70	-70	-70	-70	-70	-70	-70	-70	dB
0-749 MHz	—	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
0-1000 MHz	—	-60	-60	-60	-60	-60	-60	-60	-60	-60	dB
Surge Current	Exceeds FCC requirements										
Surge Current	0	12	12	12	12	12	12	12	12	12	amps
Impedance (min.)											VAC
0-60 MHz	90	90	90	90	90	90	90	90	90	90	VAC
Rating	ANSI/IEEE C62.41-1991, Class B, 2500 Volts										

*Specifications are subject to change without notice.

Conventional Multi-Taps

Minimal Performance*

9200-C Two-Way Series

	9204	9208	9211	9214	9217	9220	9223	9226	9229	9232	Units
Tap Value	4.0	8.5	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	dB
Bandwidth	10-TD00										MHz
Color Code	Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	
Insertion Loss (In/Out)											dB
10 MHz	—	2.8	1.3	1.0	0.9	0.7	0.8	0.3	0.3	0.3	dB
30 MHz	—	2.8	1.3	0.8	0.7	0.6	0.3	0.3	0.3	0.3	dB
54 MHz	—	2.8	1.3	0.7	0.7	0.6	0.3	0.3	0.3	0.3	dB
112 MHz	—	3.2	1.7	0.9	0.8	0.7	0.5	0.5	0.4	0.4	dB
150 MHz	—	3.2	1.7	0.9	0.8	0.7	0.5	0.5	0.4	0.4	dB
186 MHz	—	3.2	1.7	0.9	0.8	0.7	0.5	0.5	0.4	0.4	dB
222 MHz	—	3.3	1.7	0.9	0.9	0.8	0.5	0.5	0.5	0.5	dB
330 MHz	—	3.4	1.8	0.9	0.9	0.8	0.5	0.5	0.5	0.5	dB
400 MHz	—	3.4	1.9	1.0	0.9	0.8	0.6	0.6	0.5	0.5	dB
450 MHz	—	3.4	1.9	1.0	0.9	0.8	0.6	0.6	0.5	0.5	dB
550 MHz	—	3.5	1.9	1.0	0.9	0.8	0.6	0.6	0.5	0.6	dB
600 MHz	—	3.8	2.1	1.1	1.0	0.9	0.6	0.6	0.6	0.6	dB
750 MHz	—	4.3	2.5	1.2	1.2	1.0	0.8	0.8	0.7	0.8	dB
862 MHz	—	4.5	2.8	1.4	1.3	1.1	0.9	0.9	0.9	1.0	dB
1000 MHz	—	4.8	3.5	1.6	1.3	1.1	1.0	1.0	1.0	1.1	dB
Tap Loss											dB
10-19 MHz	3.4	7.7	10.8	13.7	15.7	18.4	21.2	24.4	27.2	30.5	dB
20-899 MHz	3.7	8.0	11.1	14.9	17.4	20.0	22.6	25.5	28.1	31.2	dB
900-1000 MHz	5.2	9.6	11.0	15.2	17.0	20.0	23.2	26.5	29.1	32.8	dB

*Specifications are subject to change without notice.

Conventional Multi-Taps

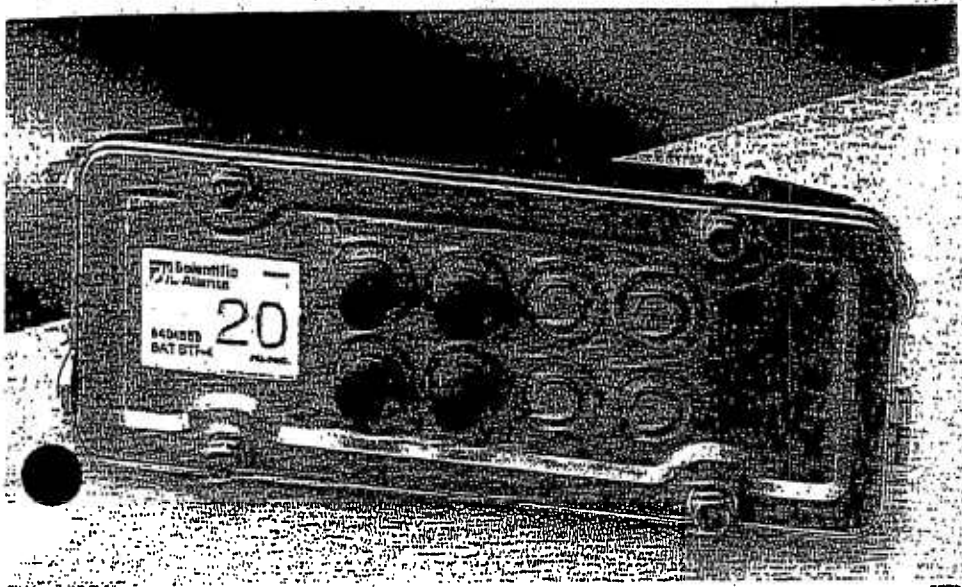
Specifications (continued)

9000-C Series

	Notes		Units
Overall Dimensions (height x width x depth)	a	3.8 x 4.9 x 2.4 (9.6 x 12.6 x 6.1)	in. (cm)
Weight		0.8 (0.37)	lbs. (kg)
Connector Type	b	Standard CATV KS entry connectors for cable up to 0.625" diameter	
Length		1.44 (3.7)	in. (cm)

Dimensions are subject to change without notice.

Dimension includes plug; depth dimension includes 1/2" F-ports and strand clamp/bolt in closed position. Connector (.067 inch diameter) is recommended for best RF performance.



22721

Scientific-Atlanta's Multimedia Stretch™ Tap is designed to support the delivery of advanced applications and services in a cost-effective platform. In addition to providing high-quality RF performance specifications that are essential to the reliable transmission of data and digital video services, the Multimedia Stretch Tap includes the capability to house other performance-enhancing options. As an example, we have developed and field-tested a version of the plug-in directional coupler that cost-effectively balances reverse path signals resulting in a marked performance improvement in this challenging portion of your networks. During completion is an addressable version of the Multimedia Stretch Tap faceplate that introduces significant operating cost savings and new revenue-generation opportunities.

During system upgrades, operators are challenged to quickly install new equipment while minimizing the impact on customers. Splicing taps is a time-consuming process complicated by a widened gap in the feeder cabling. Scientific-Atlanta's new

Multimedia Stretch Tap features a nine-inch housing that fills this gap — without using costly or performance-reducing extension connectors — providing operators with the fastest way to restore service and complete upgrade efforts.

FEATURES

- Patent-pending Connection-Beam AC/RF bypass switch, providing interruption-free service to downstream customers during faceplate removal
- Faceplate-confined circuitry isolates and simplifies maintenance efforts
- Per-port power activation and protection, maximizing cost and customer service effectiveness
- Nine-inch housing, simplifying system upgrades
- Faceplate reversibility, eliminating costly re-splicing
- Plug-in directional coupler, enabling field modification without costly re-splicing
- Available in 2-, 4-, and 8-way versions
- Compatible with aerial or pedestal mounting

Multimedia Stretch Taps

Multimedia Stretch Tap also provides an important level of flexibility by enabling reversibility. As operators expand the fiber optic portion of their broadband networks, the result is often a reversal of the feeder signal flow. By simply changing the orientation of the plug-in directional coupler module, technicians can avoid time-consuming and expensive resplicing of the cable.

The plug-in directional coupler module further adds to the flexibility of the tap, and helps to control inventory expense. By removing and replacing the on-board device, operators are able to modify tap values — again without costly resplicing.

Most importantly, Scientific-Atlanta's Multimedia Stretch Tap is designed for the future. Our engineers have maximized available space in the device to allow for adding future advanced features.

Specifications

Dimensions

1-, B-way 3.5 in. H x 9 in. W x 3.5 in. D
88.9 mm H x 228.6 mm W x 88.9 mm D

Mechanical

6DT housing with coating for environmental protection. Lead and swaged extended F-ports for maximum resistance to moisture ingress. Nickel-plated brass F-ports to ensure a corrosion-resistant pin interface. Satellite housing design permits aerial, pedestal, or MDU mounting schemes. Operating temperature from -40°C to +60°C. Minimum insertion loss minimum 100 dB. Pressure tested at 10 psi for 60 seconds under water.

Electrical Specifications

Continuous Current: 12 amps - 60/90 V AC
Current Limiting: 250 mA @ 60°C, per drop
Voltage Resistance: 1 kV
Impedance: 75 ohm
Hum Modulation: 70 dB average @ 10 Amps
65 dB average @ 12 Amps
Port Hum Modulation: 65 dB average

Standards Compliance

Scientific-Atlanta Multimedia Stretch Taps meet or exceed the following industry standards:

Mechanical

- SCTE IPS-SP-400 — F-port interface specification
- SCTE IPS-SP-420 — entry-port interface specification

Emissions

- FCC-Part 76, Subpart K
- EN 50083-2

Surge Resistance

- IEEE Category B1 C62.41-1991

Environmental

- ASTM G 53 — weathering specification
- ASTM B 117 — salt spray specification
- ASTM D 3170 — chip resistance specification

AC/RF Bypass Switch Performance

System Open Circuit Time: 0 ms
Contact Resistance: 10 mOhms max
Current and Voltage Carrying: 12 A, 60/90 V AC
RF Frequency Range: 5 to 1000 MHz
Operating Temperature: -40°C to +60°C

	5 MHz	550 MHz	750 MHz	1 GHz
Short Circuited Insertion Loss (dB)	0.1 max 0.05 typ	0.4 max 0.3 typ	0.5 max 0.4 typ	0.7 max 0.6 typ
Short Circuited Return Loss (dB)	40 max 53 typ	16 max 18 typ	16 max 17 typ	14 max 15 typ

Multimedia Stretch Tap 2-Way - Revision B

	Frequency	Tap Value																	
		4 dB		8 dB		11 dB		14 dB		17 dB		20 dB		23 dB		26 dB		29 dB	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss (dB)	5	-	-	3.4	3.4	2.0	2.0	1.1	1.1	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	40	-	-	3.2	3.2	1.5	1.5	0.9	0.9	0.7	0.7	0.5	0.5	0.5	0.5	0.7	0.7	0.6	0.6
	50	-	-	3.2	3.2	1.5	1.5	0.9	0.9	0.7	0.7	0.5	0.5	0.5	0.5	0.7	0.7	0.6	0.6
	450	-	-	4.1	4.2	2.2	2.5	1.6	1.6	1.4	1.6	1.1	1.2	1.1	1.2	1.1	1.2	1.1	1.2
	550	-	-	3.9	4.0	2.4	2.5	1.6	1.6	1.4	1.5	1.2	1.2	1.2	1.3	1.1	1.2	1.1	1.2
	750	-	-	3.6	3.7	2.2	2.5	1.8	2.0	1.6	1.7	1.3	1.3	1.3	1.5	1.2	1.3	1.2	1.2
	860	-	-	4.1	4.2	2.5	3.2	2.0	2.1	1.8	1.9	1.4	1.4	1.4	1.7	1.3	1.4	1.3	1.4
	1000	-	-	4.5	4.9	2.7	3.2	2.1	2.2	1.9	2.0	1.5	1.5	1.5	1.7	1.4	1.7	1.6	1.7
Return Loss (dB, min) max tolerance ±1 dB	5	4.5	8.0	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	40	4.5	8.0	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	50	4.5	8.0	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	450	4.5	8.0	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	550	4.5	8.0	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	750	4.5	8.5	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	860	4.5	8.5	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
	1000	4.5	8.5	11.5	13.5	17.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	19.5	22.5	25.5	29.0	
Port-to-Tap Isolation (dB, min)	5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	10	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	50	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	750	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
Port-to-Tap Isolation (dB, min)	860	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	1000	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	5	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
Port-to-Tap Isolation (dB, min)	750	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
	1000	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
	5	-	20	20	20	20	25	25	25	25	25	25	35	35	35	35	35	35	
Port-to-Tap Isolation (dB, min)	750	-	20	20	20	25	25	25	25	25	25	25	35	35	35	35	35	35	
	1000	-	20	20	20	25	25	25	25	25	25	25	35	35	35	35	35	35	

Unless otherwise noted, specifications are based on measurements made in accordance with NCTA practices for measurements on cable television systems and are referenced to 20°C. All ports terminated.

The Multimedia Stretch Tap consists of a housing and faceplate assemblies and a plug-in directional coupler module. Part numbers are listed below for complete taps as well as for the major components.

Product	Model Number	Part Number	Description
Complete Tap Assembly	SAT ST2-4	562732	Multimedia Stretch Tap 2-Way @ 4 dB
	SAT ST2-8	562733	Multimedia Stretch Tap 2-Way @ 8 dB
	SAT ST2-11	562734	Multimedia Stretch Tap 2-Way @ 11 dB
	SAT ST2-14	562735	Multimedia Stretch Tap 2-Way @ 14 dB
	SAT ST2-17	562736	Multimedia Stretch Tap 2-Way @ 17 dB
	SAT ST2-20	562737	Multimedia Stretch Tap 2-Way @ 20 dB
	SAT ST2-23	562738	Multimedia Stretch Tap 2-Way @ 23 dB
	SAT ST2-26	562739	Multimedia Stretch Tap 2-Way @ 26 dB
	SAT ST2-29	562740	Multimedia Stretch Tap 2-Way @ 29 dB
Faceplate Assembly	SAT STF-2	573542	Multimedia Stretch Tap 2-Way Faceplate Assembly
Directional Coupler Module	SAT STM2-0	543487	Multimedia Stretch Tap Module @ 0 dB
	SAT STM2-4	562108	Multimedia Stretch Tap Module @ 4 dB
	SAT STM2-7	562109	Multimedia Stretch Tap Module @ 7 dB
	SAT STM2-10	562110	Multimedia Stretch Tap Module @ 10 dB
	SAT STM2-13	562111	Multimedia Stretch Tap Module @ 13 dB
	SAT STM2-16	562112	Multimedia Stretch Tap Module @ 16 dB
	SAT STM2-19	562113	Multimedia Stretch Tap Module @ 19 dB

Multimedia Stretch Tap Revision B

	Frequency	Tap Value															
		8 dB		11 dB		14 dB		17 dB		20 dB		23 dB		26 dB		29 dB	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss (dB)	5	-	-	3.4	3.4	2.0	2.0	1.7	1.7	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
	40	-	-	3.2	3.2	1.5	1.5	0.9	0.9	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5
	50	-	-	3.2	3.2	1.5	1.5	0.9	0.9	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5
	450	-	-	4.1	4.1	2.2	2.2	1.6	1.6	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.1
	550	-	-	3.9	3.9	2.4	2.4	1.6	1.6	1.4	1.4	1.2	1.2	1.2	1.2	1.1	1.1
	750	-	-	3.6	3.6	2.2	2.2	1.8	1.8	1.6	1.6	1.3	1.3	1.3	1.3	1.2	1.2
	860	-	-	4.1	4.1	2.5	2.5	2.0	2.0	1.8	1.8	1.4	1.4	1.4	1.4	1.3	1.3
	1000	-	-	4.5	4.5	2.7	2.7	2.1	2.1	1.9	1.9	1.5	1.5	1.5	1.5	1.4	1.4
Return Loss (dB, tolerance ±1 dB)	5	8.0	8.0	11.0	11.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	40	8.0	8.0	11.0	11.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	50	8.0	8.0	11.0	11.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	450	8.0	8.0	11.0	11.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	550	8.0	8.0	11.0	11.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	750	8.0	8.0	11.5	11.5	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	860	8.5	8.5	12.0	12.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
	1000	8.5	8.5	12.0	12.0	15.0	15.0	17.0	17.0	20.0	20.0	22.5	22.5	25.5	25.5	28.5	28.5
Return Loss (dB, min)	5	16	16	14	14	13	13	15	15	15	15	15	15	15	15	15	15
	10	14	14	16	16	15	15	16	16	16	16	16	16	16	16	16	16
	50	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	750	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	860	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	1000	16	16	16	16	16	16	16	15	15	15	15	15	16	16	16	15
Tap-to-Tap Isolation (dB, min)	5	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	750	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	1000	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Port-to-Port Isolation (dB, min)	5	-	-	25	25	25	25	25	25	25	25	35	35	35	35	35	35
	750	-	-	25	25	25	25	25	25	25	25	35	35	35	35	35	35
	1000	-	-	25	25	25	25	25	25	25	25	35	35	35	35	35	35

Unless otherwise noted, specifications are based on measurements made in accordance with NCTA practices for measurements on cable television systems and are referenced to 20°C. All ports terminated.

Multimedia Stretch Tap consists of a housing and faceplate assemblies and a plug-in directional coupler module. Part numbers are listed below for complete taps as well as for the major components.

Product	Model Number	Part Number	Description
<i>Complete Tap Assembly</i>	SAT ST4-8	562742	Multimedia Stretch Tap 4-Way @ 8 dB
	SAT ST4-11	562743	Multimedia Stretch Tap 4-Way @ 11 dB
	SAT ST4-14	562744	Multimedia Stretch Tap 4-Way @ 14 dB
	SAT ST4-17	562745	Multimedia Stretch Tap 4-Way @ 17 dB
	SAT ST4-20	562746	Multimedia Stretch Tap 4-Way @ 20 dB
	SAT ST4-23	562747	Multimedia Stretch Tap 4-Way @ 23 dB
	SAT ST4-26	562748	Multimedia Stretch Tap 4-Way @ 26 dB
	SAT ST4-29	562749	Multimedia Stretch Tap 4-Way @ 29 dB
	<i>Faceplate Assembly</i>	SAT STF-4	573543
<i>Directional Coupler Module</i>	SAT STM-0	543487	Multimedia Stretch Tap Module @ 0 dB
	SAT STM-4	562108	Multimedia Stretch Tap Module @ 4 dB
	SAT STM-7	562109	Multimedia Stretch Tap Module @ 7 dB
	SAT STM-10	562110	Multimedia Stretch Tap Module @ 10 dB
	SAT STM-13	562111	Multimedia Stretch Tap Module @ 13 dB
	SAT STM-16	562112	Multimedia Stretch Tap Module @ 16 dB
	SAT STM-19	562113	Multimedia Stretch Tap Module @ 19 dB
	SAT STM-22	562114	Multimedia Stretch Tap Module @ 22 dB

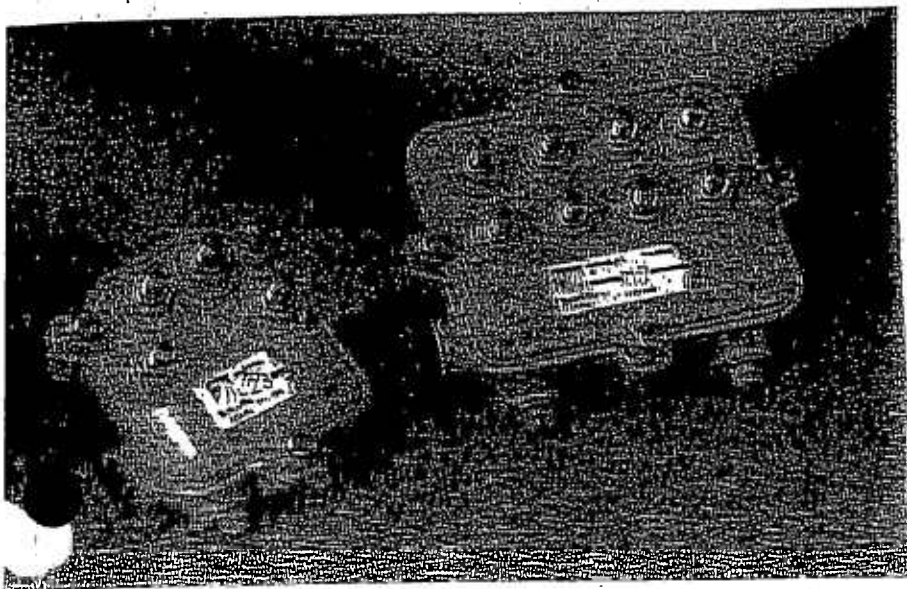
Multimedia Stretch Tap Eight-way - Revision B

	Frequency	Tap Value													
		11 dB		14 dB		17 dB		20 dB		23 dB		26 dB		29 dB	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss (dB)	5	-	-	3.4	3.4	2.0	2.0	1.1	1.3	0.9	1.0	0.7	0.9	0.7	0.9
	40	-	-	3.2	3.3	1.5	1.5	0.9	1.0	0.7	0.8	0.5	0.7	0.5	0.8
	50	-	-	3.2	3.3	1.5	1.5	0.9	1.0	0.7	0.8	0.5	0.8	0.5	0.8
	450	-	-	4.1	4.2	2.2	2.5	1.6	1.7	1.4	1.5	1.1	1.2	1.1	1.2
	550	-	-	3.9	4.0	2.4	2.6	1.6	1.8	1.4	1.5	1.2	1.3	1.2	1.3
	750	-	-	3.6	4.2	2.2	2.5	1.8	2.0	1.6	1.7	1.3	1.6	1.3	1.6
	860	-	-	4.1	4.6	2.5	3.2	2.0	2.7	1.8	1.8	1.4	1.7	1.4	1.7
	1000	-	-	4.5	4.9	2.7	3.2	2.1	2.2	1.9	2.0	1.5	1.7	1.5	1.7
Tap Loss (dB) (max tolerance ± 1 dB)	5	11.5	14.5	17.0	20.0	23.0	26.0	29.0							
	40	11.5	14.0	17.5	20.0	23.0	26.0	29.0							
	50	11.5	14.0	17.5	20.0	23.0	26.0	29.0							
	450	11.5	14.0	17.5	20.0	23.0	26.0	29.0							
	550	11.5	14.0	17.5	20.0	23.0	26.0	29.0							
	750	11.5	15.5	18.0	20.0	23.0	26.0	29.0							
	860	12.0	16.0	18.5	20.5	23.0	26.0	29.0							
	1000	12.5	16.5	18.5	20.5	23.0	26.0	29.0							
Return Loss (dB, min)	5	15	15	13	14	15	14	14							
	10	14	16	16	16	16	16	16							
	50	16	16	16	16	16	16	16							
	750	16	16	16	16	16	16	16							
	860	16	16	16	16	16	16	16							
	1000	16	16	16	16	16	16	16							
Tap-to-Tap Isolation (dB, min)	5	18	18	18	18	18	18	18							
	750	18	18	18	18	18	18	18							
	1000	18	18	18	18	18	18	18							
Out-to-Tap Isolation (dB, min)	5	-	25	25	25	25	30	35							
	750	-	25	25	25	25	30	35							
	1000	-	25	25	25	25	30	35							

Unless otherwise noted, specifications are based on measurements made in accordance with NCTA practices for measurements on cable television systems and are referenced to 20°C. All ports terminated.

The Multimedia Stretch Tap consists of a housing and faceplate assemblies and a plug-in directional coupler module. Part numbers are listed below for complete taps as well as for the major components.

Product	Model Number	Part Number	Description
<i>Complete Tap Assembly</i>	SAT STB-11	562751	Multimedia Stretch Tap 8-Way @ 11 dB
	SAT STB-14	562752	Multimedia Stretch Tap 8-Way @ 14 dB
	SAT STB-17	562753	Multimedia Stretch Tap 8-Way @ 17 dB
	SAT STB-20	562754	Multimedia Stretch Tap 8-Way @ 20 dB
	SAT STB-23	562755	Multimedia Stretch Tap 8-Way @ 23 dB
	SAT STB-26	562756	Multimedia Stretch Tap 8-Way @ 26 dB
	SAT STB-29	562757	Multimedia Stretch Tap 8-Way @ 29 dB
	<i>Faceplate Assembly</i>	SAT STF-8	573544
<i>Directional Coupler Module</i>	SAT STM-0	543487	Multimedia Stretch Tap Module @ 0 dB
	SAT STM-4	562108	Multimedia Stretch Tap Module @ 4 dB
	SAT STM-7	562109	Multimedia Stretch Tap Module @ 7 dB
	SAT STM-10	562110	Multimedia Stretch Tap Module @ 10 dB
	SAT STM-13	562111	Multimedia Stretch Tap Module @ 13 dB
	SAT STM-16	562112	Multimedia Stretch Tap Module @ 16 dB
	SAT STM-19	562113	Multimedia Stretch Tap Module @ 19 dB
	SAT STM-22	562114	Multimedia Stretch Tap Module @ 22 dB



22024

Today's advanced broadband networks are being built to provide a wide variety of voice, video, and data services. Hybrid fiber coax (HFC) continues to be the transmission media of choice to provide integrated multimedia services to the home. The HFC network must now be capable of bringing AC power to the subscriber residence to support critical customer premise equipment demands. Scientific-Atlanta's new family of 1 GHz Multimedia Taps and Passives have been designed to provide the higher current, power passing capability required for telephony and other interactive multimedia services.

Our unique two-step approach allows the broadband operator to deploy Multimedia Taps throughout the network during rebuilds or upgrades. These Multimedia Taps are then upgradeable to power passing

capability with the simple addition of our patent-pending Power Distribution Unit (PDU). Incremental expenses are matched with new revenues because power passing tap upgrades are performed only at locations where a revenue generating telephony subscriber is located.

FEATURES

- Patent-pending AC/RF bypass switch to provide uninterrupted downstream-subscriber service
- 12 amp through current rating to support network powered telephony
- Economical two-step upgrade to power passing—matches incremental expenses with new revenues
- AC Blocking capacitors on each port to minimize RF Signal distortions
- Surge-resistant™ circuitry (SRC) for maximum reliability
- 2, 4, 8-way capability for maximum design flexibility
- Housing backwards compatibility supports economical faceplate upgrades

Scientific-Atlanta's Multimedia taps are rated for the 12 amp through current necessary to support network applications of telephony. Also standard is a unique patent pending AC/RF bypass switch that insures uninterrupted service to downstream subscribers when the faceplate is removed for servicing or PDU installation. Additionally, Multimedia Taps utilize F-port blocking capacitors and innovative AC bypass coil design to minimize AC degradation of RF signals.

Backward compatibility saves you money and protects your investment in Scientific-Atlanta products. Any existing Scientific-Atlanta tap may be upgraded to power passing capability with only a faceplate change and the addition of a PDU.

Specifications

Dimensions

- 4-way / 4-way 3.6 in. H x 3.6 in. W x 3 in. D
91.44 mm H x 91.44 mm W x 76.2 mm D
- 2-way 4.25 in. H x 5.25 in. W x 3 in. D
107.95 mm H x 133.35 mm W x 76.2 mm D

Mechanical

UL360T housing with powder coating for superior environmental protection. Sealed and swaged extended F-ports for maximum resistance to moisture ingress. Tin plated brass F-ports to ensure a corrosion-resistant drop interface. Protective covers for additional protection of faceplate during maintenance. Flexible housing design permits aerial, pedestal, or MDU mounting schemes. Operating temperature from -40° C to +60° C. EMI shielding minimum -100 dB. Pressure test at 10 psi for 60 seconds under water.

Standards Compliance

Scientific-Atlanta Multimedia Taps meet or exceed the following industry standards:

Bellcore

- TR - NWT- 1089 Level 1
- TA - NWT - 001503 Section 4.3

SCTE

- F-port interface specification IPS-SP-400

Underwriters Laboratories

- Standard 1459

NEC

- Class 3 circuits

IEEE

- Category B3/B2 C62.41-1991

IEC

- Standard 1000-4-5 (formerly 801-5/D)
- Standard 65

CENELEC

- Standards EN60065, EN50083-1

Specifications and product availability are subject to change without notice.

AC/RF Bypass Switch Performance

System Open Circuit Time	0 mS
Contact Resistance	10 mOhms Max.
Current and Voltage Carrying	10 A, 90 V AC
RF Frequency Range	5 to 1000 MHz
Insertion Loss	See below
Return Loss	See below
Operating Temperature	-40° C to +60° C

	5 MHz	550 MHz	750 MHz	1 GHz
Short Circuited Insertion Loss (dB)	0.05 Max. 0.23 Typ.	0.2 Max. 0.14 Typ.	0.4 Max. 0.17 Typ.	0.4 Max. 0.12 Typ.
Short Circuited Return Loss (dB)	40 Max. 52.8 Typ.	15 Max. 17 Typ.	15 Max. 17 Typ.	20 Max. 21 Typ.

multimedia Taps

2 way
Revision E

	Tap Value	4		8		11		14		17		20		23		26		29	
		Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ
Insertion Loss (In-Out) (dB)	Frequency																		
	5-10	-	-	3.2	3.0	1.9	1.8	1.3	1.0	1.1	0.8	0.8	0.5	0.8	0.5	0.8	0.5	0.8	0.5
	11-300	-	-	3.0	2.7	1.8	1.7	1.3	1.1	1.1	0.9	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	301-400	-	-	3.6	3.0	2.5	1.9	1.8	1.3	1.6	1.1	1.4	0.8	1.4	0.8	1.4	0.8	1.4	0.8
	401-450	-	-	3.5	3.0	2.5	2.1	1.8	1.4	1.6	1.1	1.4	0.9	1.4	0.9	1.4	0.9	1.4	0.9
	451-600	-	-	3.6	3.0	2.6	2.3	1.8	1.7	1.6	1.2	1.4	1.1	1.4	1.1	1.4	1.1	1.4	1.1
	601-750	-	-	4.1	3.6	2.8	2.6	2.0	1.8	1.7	1.3	1.4	1.1	1.4	1.1	1.4	1.1	1.4	1.1
	751-900	-	-	4.0	3.7	3.3	2.9	2.2	2.0	1.9	1.5	1.7	1.4	1.7	1.4	1.7	1.4	1.7	1.4
901-1000	-	-	4.5	4.0	3.4	3.1	2.4	2.2	2.0	1.8	1.9	1.6	1.9	1.6	1.9	1.6	1.9	1.6	
Tap Loss (+/- 1.5 dB)	5-10	4	4	8.5	8	11	11	14	14	16.5	17	19.5	20	22.5	23	25.5	26	28.5	29
	11-1000	4	4	8.5	8	11	11	14	14	17	17	20	20	23	23	26	26	29	29
Flatness (+/- dB)	10-1000	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35
Isolation (Tap-Tap) (dB)	5-10	20	23	20	25	20	23	20	23	20	23	20	23	20	23	20	23	20	23
	11-750	22	25	20	25	22	25	22	25	22	25	22	25	22	25	22	25	22	25
	751-1000	20	22	20	25	20	22	20	22	20	22	20	22	20	22	20	22	20	22
Isolation (Tap) (dB)	5-10	-	-	19	22	19	22	21	24	23	25	25	28	27	30	27	30	27	30
	11-600	-	-	25	27	25	27	26	30	30	32	32	34	34	36	34	36	34	36
	601-750	-	-	23	25	23	25	24	28	28	30	29	31	32	34	32	34	32	34
	751-900	-	-	21	23	21	23	23	25	26	28	28	30	30	32	30	32	30	32
	901-1000	-	-	20	24	20	24	21	24	24	28	26	28	28	30	28	30	28	30

Frequency Response	5 - 1000 MHz	Tap Return Loss	16 dB max.
Power Passing	12 Amps, 60-90V AC	5 - 1000 MHz	18 dB typ.
Impedance	75 Ohms		
Hum Modulation	70 dB avg. across passband @ 10 amps	In/Out Return Loss	18 dB max. 22 dB typ.

NOTE: Insertion Loss specifications do not include Power Distribution Unit (PDU) contribution.

Model Number	Part Number	Description
SAT MM 2-4	541741	Multimedia-2 Way @ 4 dB
SAT MM 2-8	541742	Multimedia-2 Way @ 8 dB
SAT MM 2-11	541743	Multimedia-2 Way @ 11 dB
SAT MM 2-14	541744	Multimedia-2 Way @ 14 dB
SAT MM 2-17	541745	Multimedia-2 Way @ 17 dB
SAT MM 2-20	541746	Multimedia-2 Way @ 20 dB
SAT MM 2-23	541747	Multimedia-2 Way @ 23 dB
SAT MM 2-26	541748	Multimedia-2 Way @ 26 dB
SAT MM 2-29	541749	Multimedia-2 Way @ 29 dB

Taps

on E

	Tap Value	8		11		14		17		20		23		26		29	
		Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ
Insertion Loss (dB)	Frequency																
	5-10	-	-	3.2	3.0	2.1	1.6	1.4	1.0	1.1	0.6	0.9	0.4	0.9	0.4	0.9	0.4
	11-300	-	-	3.0	2.8	2.1	1.7	1.4	1.1	1.1	0.9	0.9	0.7	0.9	0.7	0.9	0.7
	301-400	-	-	3.2	3.0	2.4	1.9	1.8	1.3	1.7	1.0	1.4	0.8	1.4	0.8	1.4	0.8
	401-450	-	-	3.6	3.3	2.5	2.0	1.9	1.4	1.7	1.1	1.4	0.8	1.4	0.8	1.4	0.8
	451-600	-	-	3.8	3.5	2.5	2.2	1.9	1.5	1.7	1.1	1.4	0.9	1.4	0.9	1.4	0.9
	601-750	-	-	4.3	4.1	2.8	2.3	2.0	1.7	1.7	1.2	1.4	1.0	1.4	1.0	1.4	1.0
	751-900	-	-	4.8	4.6	3.0	2.5	2.3	1.9	1.7	1.4	1.7	1.3	1.7	1.3	1.7	1.3
901-1000	-	-	5.1	4.9	3.3	2.9	2.5	2.2	2.2	1.6	2.0	1.5	2.0	1.5	2.0	1.5	
Return Loss (dB)	5-10	8	8	12	11.5	14.5	14	16.5	17	19.5	20	22.5	23	25.5	26	28.5	29
	11-1000	8	8	12	11.5	14.5	14	17	17	20	20	23	23	26	26	29	29
Reflection Coefficient (dB)	10-1000	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35
	5-10	20	23	20	23	20	23	20	23	20	23	20	23	20	23	20	23
Tap Return Loss (dB)	11-750	20	26	19	26	20	26	20	26	20	26	20	26	20	26	20	26
	751-1000	20	27	19	27	20	27	20	27	20	27	20	27	20	27	20	27
Standing Wave Ratio	5-10	-	-	20	23	21	24	23	25	25	30	27	32	27	32	27	32
	11-600	-	-	25	28	28	28	30	35	29	33	33	35	33	35	33	35
	601-750	-	-	23	26	26	30	28	30	27	33	31	33	31	33	31	33
	751-900	-	-	21	23	24	28	25	27	25	30	27	30	27	30	27	30
	901-1000	-	-	20	24	22	26	23	25	23	28	25	28	25	28	25	28

Frequency Response: 5 - 1000 MHz
 Insertion Loss: 12 Amps, 60-90 V AC
 Impedance: 75 Ohms

Tap Return Loss: 16 dB max.
 5 - 1000 MHz: 1B.dB typ.

Modulation: 70 dB avg. across passband @ 10 amps

In/Out Return Loss: 18 dB max.
 5 - 1000 MHz: 22 dB typ.

Note: Insertion Loss specifications do not include Power Distribution Unit (PDU) contribution.

Part Number	Description
MM 4-8	Multimedia-4 Way @ 8 dB
MM 4-11	Multimedia-4 Way @ 11 dB
MM 4-14	Multimedia-4 Way @ 14 dB
MM 4-17	Multimedia-4 Way @ 17 dB
MM 4-20	Multimedia-4 Way @ 20 dB
MM 4-23	Multimedia-4 Way @ 23 dB
MM 4-26	Multimedia-4 Way @ 26 dB
MM 4-29	Multimedia-4 Way @ 29 dB

Multimedia Taps
8 Way
Revision E

	Tap Value	11		14		17		20		23		26		29	
		Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ
Insertion Loss (In-Out) (dB)	Frequency														
	5-10	-	-	37	30	22	17	13	10	09	06	09	06	09	06
	11-300	-	-	39	28	20	16	14	10	11	08	11	08	11	08
	301-400	-	-	39	31	25	18	17	12	15	09	15	09	15	09
	401-450	-	-	41	33	26	20	19	14	16	11	16	11	16	11
	451-600	-	-	46	35	27	22	19	16	16	12	16	12	16	12
	601-750	-	-	51	44	29	25	19	18	16	14	16	14	16	14
	751-900	-	-	54	49	32	30	24	22	19	17	19	17	19	17
901-1000	-	-	54	51	36	32	27	25	22	19	22	19	22	19	
Tap Loss (+/- 1.5 dB)	5-900	11	11	15	15	17.5	17	20	20	23	23	26	26	29	29
	901-1000	11.5	11	15.5	15	18	17	20.5	20	23.5	23	26.5	26	29	29
Flatness (+/- dB)	10-1000	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35	0.5	0.35
Isolation (Tap-Tap) (dB)	5-10	20	22	20	22	20	22	20	22	20	22	20	22	20	22
	11-750	20	24	20	22	20	24	20	24	20	24	20	24	20	24
	751-1000	18	20	18	20	18	20	18	20	18	20	18	20	18	20
Isolation (In-Tap) (dB)	5-10	-	-	20	24	19	25	21	28	26	35	26	35	26	35
	11-600	-	-	25	30	25	30	28	30	31	32	31	32	31	32
	601-750	-	-	23	27	23	28	25	28	28	30	28	30	28	30
	751-900	-	-	21	27	21	28	24	28	27	30	27	30	27	30
	901-1000	-	-	20	25	20	28	22	28	25	28	25	28	25	28

Frequency Response 5 - 1000 MHz Tap Return Loss 15 dB max.
 Power Passing 12 Amps, 60-90 V AC 5 - 1000 MHz 17 dB typ.
 Impedance 75 Ohms

Hum Modulation 70 dB avg. across passband In/Out Return Loss 16 dB max.
 @ 10 amps 5 - 1000 MHz 18 dB typ.

NOTE: Insertion Loss specifications do not include Power Distribution Unit (PDU) contribution.

Model Number	Part Number	Description
SAT MM 8-11	541760	Multimedia-8 Way @ 11 dB
SAT MM 8-14	541761	Multimedia-8 Way @ 14 dB
SAT MM 8-17	541762	Multimedia-8 Way @ 17 dB
SAT MM 8-20	541763	Multimedia-8 Way @ 20 dB
SAT MM 8-23	541764	Multimedia-8 Way @ 23 dB
SAT MM 8-26	541765	Multimedia-8 Way @ 26 dB
SAT MM 8-29	541766	Multimedia-8 Way @ 29 dB

PAGE 8

TIME WARNER CABLE - SYRACUSE DIVISION

Converter and Trap Specifications

System Name : Syracuse

Date : 08/01/2006

All testing is done at the end of a 100ft drop cable (RG-6) without a converter. Converter specification sheets are attached for "After Converter" numbers, if so desired.

Instructions:

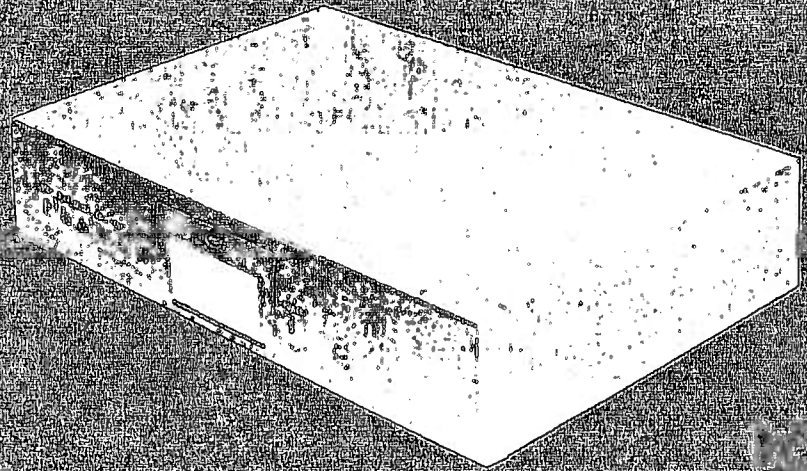
Attach a copy of the manufacturer's specifications covering all converters used in the system. The specification sheet must show the converters carrier- to- noise (C/N) and distortion figures. Attach a copy of the manufacturer's specifications covering all traps that are in use in the cable plant. This should include basic traps, individual channel traps, high pass filters, etc.



TECHNICAL SPECIFICATION //

PAGE 500 DIGITAL CABLE GATEWAY

Delivering the future in home entertainment



INCREASING VALUE FOR CABLE OPERATORS

- Expanding Digital Services
- Increasing Subscriber Satisfaction
- Improving Subscriber Retention
- Decreasing Subscriber Churn
- Decreasing Hardware Failure

DEPLOYMENT EXPERISE

- Sat-Top Distribution Experience
- Testing/Staging Enabled Freight Design
- Smart Packaging

INNOVATIVE HARDWARE

- Engineered for Reliability
- Designed to be Smaller and Lighter
- Optimized to Run Cooler and more Efficiently

INNOVATIVE TECHNOLOGY

- Future proof - Extendable Architecture
- Non-Proprietary OS, EPG, and API

PAGE COMMITMENT

- Pace's global production capacity
- 24-Hour Support from In-House Network Support Team
- Dedicated Account Management Teams
- Cost-Down Pricing Models

PAGE YOUR DIGITAL PARTNER

Pace has worked with major cable operators and MSOs in the US and Europe and helped them successfully deploy digital cable. In fact, Pace has successfully delivered over 13 million set-top boxes to operators around the world since 1982, including the first commercially deployed DAVIC equipped set-top boxes in 1995.

Pace has listened to its US customers when it comes to providing solutions to real world problems. One example is our unique packaging for the Pace 500. It allows our customers to easily access and stage the units without unpacking the equipment. With such attention to detail, Pace is driving the digital television market forward. Quite simply, Pace has the skills and the experience to enable cable operators to deliver solutions that bring comfort to their subscribers.

ADDITIONAL CABLE SOLUTIONS

Cable operators and MSOs are in a prime position to take advantage of digital broadcasting opportunities. With a reliable connection to the home cable network, cable operators can offer a rich mix of content, services and applications. Television, interactive services, high speed internet and telephony. To take full advantage of digital opportunities, require today's best technology. Pace continues to be a developer of the world's most advanced set-top boxes. With an extraordinary focus on hardware and software engineering, Pace constantly produces technologically advanced and reliable boxes. And with unparalleled global deployment experience, Pace partners with its customers to insure successful digital deployments.

WHY SHOULD OPERATORS HAVE TWO SOURCES FOR SET-TO-BOXES?

- Drives Innovation and Creates Pricing Pressure
- Reduces Risk of Supply Shortages
- Improves Delivery/Flexibility
- Decreases Reliance on Specific Chip Sets

WHY PACE?

Just ask Time Warner: "We are pleased to add a supplier like Pace, which has a worldwide reputation for innovation, quality, efficiency and on-time delivery. Pace was an obvious choice."

Mike Hayash
VP, Advanced Engineering
Time Warner Cable



These are the logos of the cable operators and partners mentioned in the advertisement.

PRODUCT DETAILS

- Power Key / Network Compliant
- DAVIC Return Path
- Durable / Efficient Design

The Pace 500 Digital Cable Gateway provides support for digital and analog services delivered through a hybrid fiber/coax (HFC) network with full Scientific Atlanta Power Key™ interoperability.

The 500 is designed for reliability with a patented heat sink side vents (replacing vulnerable top vents), and Intelligent Smart Card location on the back. API, EPG, and OS flexibility can allow cable operators and infrastructure vendors to easily develop custom applications around the Pace 500.

The Pace 500 Digital Cable Gateway is designed, produced, and delivered with the unique needs of digital cable subscribers and operators in mind.

PAGE MICRO TECHNOLOGY AMERICAS
ENABLING DIGITAL



Pace Micro Technology Americas
3701 PAU Blvd., Suite 200, Boca Raton, FL 33433, USA
Tel: 561-888-1400, Fax: 561-995-6001
www.pacemicro.com

PAGE 500 SPECIFICATIONS

MPEG-2/MPEG-ML/CA-MC/256cable receiver with video resolution of 720x480

DAVIC 1.2 Return Path aware transmission enables Webway services, VOD, Internet access, and Email

Analog and Digital Service Time allocation and legacy MPEG-2 digital channels

SOFTWARE FLEXIBILITY

MSO specified application and EPG support
Support for VOD

CONDITIONAL ACCESS

Power Key™
Harmony
DVB/CSA
Support for 7816 Smart card reader

Macrovision v7/D3 copy protection allows MSOs to restrict unauthorized copying of digital services

32-BIT RISC MICROPROCESSOR

Dual 81TMH286 MIPS Processors

MEMORY CAPACITY

18 Mbytes Maximum System DRAM
8 Mbytes Maximum FLASH
2 Mbytes MPEG-2 Video SDRAM

USB port with option for dual port allows interconnection with home consumer devices

RS232 Data Port for serviceability

INTERFACES

Audio & Video In and Out
S/PDIF for AC-3 In and Out
Optical Digital S/PDIF Output
S-Video Output
10H 31/2 VHF Modulator
Infrared Blaster Port for VCR

OTHER FEATURES

ENERGY STAR Qualified
ISO 9001/9002 certified
Smaller, Compact Design
Able to Stage and reship in Master Shipping Carton
Upgrade Graphics Subsystem
Closed Caption Support

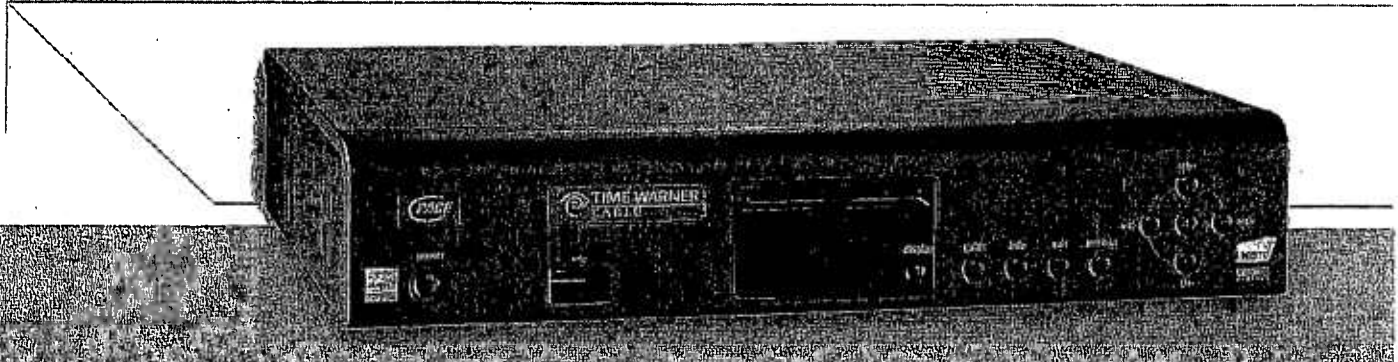


Simply better.



Pace DC-550 HD Digital Cable Set-top

TECHNICAL SPECIFICATION



...Features

Performance

- 175MIPS main processor plus 85MIPS graphics pixel engine
- 260MIPS aggregate total
- Run from RISC code execution

High Definition with the most responsive performance, the Pace DC-550 HD employs industry leading processor speed with sophisticated motion interpolation and an advanced motion enhancement video assist feature.

Compact and Unobtrusive

An attractive design, less than 12" one size fits all, the Pace DC-550 HD is the smallest set-top box in the industry. Its compact design allows for easy installation in a variety of locations, making it a perfect choice for your home or business.



Energy Star Compliant

Set-tops that meet the Energy Star specification consume up to 20% less electricity than a conventional set-top while delivering the same quality and features, saving your customers money on their energy bills.

Choice

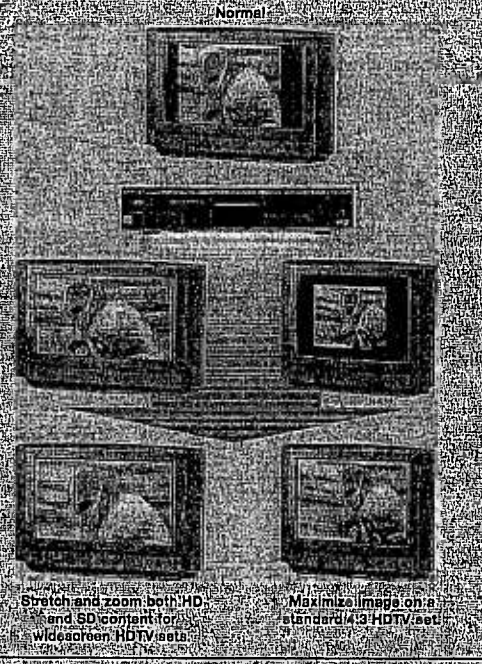
- Drives Innovation
- Reduces Risk of Supply Shortage
- Improves Delivery/Flexibility
- Decreases Reliance on Specific Solutions

Enhanced and Secure

- Built-in HD and SD video ports for digital display connectivity
- No resolution downgrade required
- Includes comprehensive on-screen guide
- Support for 199+ channels

Advanced Video Scaling

The Pace DC-550 HD has powerful scaling ability allowing both Standard Definition and High Definition program content to be automatically scaled and scan rates changed to ensure the user sees a picture the way they want to watch it, avoiding bars around the picture.

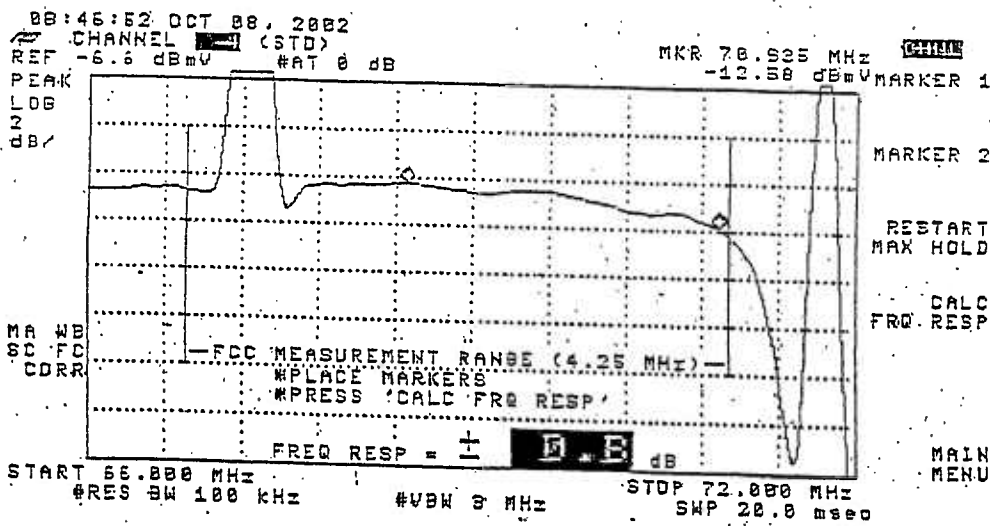


The Pace DC-550 HD also scales video to the upper right corner of the program guide for both Standard Definition and High Definition video content.



Scientific Atlanta Explorer 2000 DHCT

Serial # SABCHQFPL



EXPLORER 2000 DHCT Specifications

Introduction

This section contains operating and other specifications for the EXPLORER 2000 Digital Home Communications Terminal (DHCT).

Electrical Overstress Protection

The EXPLORER 2000 DHCT withstands the following electrical currents without damage:

- hits at 3.5 kV to the RF and AC input ports
- 10 hits of 15 kV from a 150 pF capacitor through a 150 ohm series resistor on all external ports

RF and Baseband Output Performance

The following table provides output measurements based on a +15 dBmV input signal.

Item	Output
Cross modulation distortion (XMOD)	-54 dBc
Composite second order distortion (CSO)	-54 dBc
Composite triple beat distortion (CTB)	-55 dBc

Frequency Resolution

Frequency assignments comply with *STD*, *FRC*, and *IRC* frequency lineups.

Channel	Steps
QAM (digital)	250 kHz
NTSC (analog)	62.5 kHz

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

Power

Item	Power
Consumption	55 Watts maximum
AC Input	Standard residential AC line voltage of 103.5 V AC to 126.5 V AC at 60 Hz
AC Outlet	Supplies 400 Watts maximum at the AC input line voltage. User controls on/off function through EXPLORER 2000 DHCT interface.

Analog Channel RF Input

Item	Specification
Connector	Threaded female F-connector
Frequency range	54 MHz to 860 MHz
RF input level	0 dBmV to +15 dBmV (meets NTSC specs)
Functional operation without damage	-7 dBmV to +20 dBmV (minimum)
Input return loss	7 dB minimum
Noise figure	<12 dB at maximum gain
C/N (at input)	57 dB minimum (meets all specs) 40 dB minimum (minimum)

Continued on next page.

EXPLORER 2000 DHCT Specifications, Continued

Digital Channel Input

Item	Specification
Frequency range	54 MHz to 869 MHz
Input return loss	7 dB minimum
Noise figure	<12 dB at maximum gain
Modulation technique	ITUJ.83 Annex A 64 QAM and 256 QAM
Transmission rate	<ul style="list-style-type: none"> • Approximately 30 Mbps at 64 QAM • Approximately 40 Mbps at 256 QAM
Transport	DAVIC structure - convolutional de-interleaving and Reed Solomon FEC with T=8
Average private data rate	3 Mbps (from QAM demodulated input to DRAM)
Private data format	per MPEG-2 (ISO/IEC 13818)

RF Input Levels

Item	Modulation Rate	Level
Typical for BER after FEC 10^{-9}	64 QAM	-20 dBmV to +14 dBmV
	256 QAM	-14 dBmV to +14 dBmV
Meets specifications of BER after FEC 10^{-9}	64 QAM	-15 dBmV to +14 dBmV
	256 QAM	-9 dBmV to +14 dBmV
C/N (at input) - to meet BER at input levels above	64 QAM	>32 dB in 6 MHz BW
	256 QAM	>38 dB in 6 MHz BW

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

Digital Audio

Item	Specification
Data rate	384 Kbps maximum
Formats	<ul style="list-style-type: none">• MPEG-1• Layer 2• 2 channel Musicam• AC-3
Supported sampling rates	<ul style="list-style-type: none">• 32 kHz• 48 kHz• 44.1 kHz

Computer Generated Audio

The EXPLORER 2000 DHCT supports the following computer audio sampling rates:

- 8 kHz
- 11.025 kHz
- 22.05 kHz
- 24 kHz
- 32 kHz
- 44.1 kHz
- 48 kHz

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

Baseband Audio Output

Category	Item	Specification
General	Connector	2 female RCA-type phono jacks: <ul style="list-style-type: none"> • Right channel - red insulation • Left channel - white insulation
	Output level	1.3 V p-p \pm 10% with 10 k Ω load
	Output impedance	600 Ω nominal
	Mute	-50 dB
ResApp Controlled	Volume control	30 steps from 0 dB (maximum volume) to -63 dB nominal
Analog service (BTSC selected)	Frequency response	50 Hz to 10 kHz \pm 2 dB
	Stereo channel separation	<ul style="list-style-type: none"> • 25 dB at 3 kHz • 15 dB at 10 kHz
	Total harmonic distortion	1 kHz < 3.5%
	Signal-to-noise ratio	<ul style="list-style-type: none"> • > 45 dB A-weighted • 25 kHz L+R deviation at 1 kHz
Analog service (SAP selected)	Frequency response	100 Hz to 8 kHz \pm 2 dB
	Total harmonic distortion	1 kHz < 3.0%
Digital service	Frequency response	20 Hz to 20 kHz \pm 1.0 dB
	Signal to noise ratio	<ul style="list-style-type: none"> • >80 dB A-weighted • >80 dB at 1 kHz (dynamic range)
	Total harmonic distortion - 20 Hz to 20 kHz bandwidth	< 0.2% at 1 kHz
	Stereo channel separation	> 80 dB at 1 kHz

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

Baseband Video Output

Item	Specification
Connector	Female RCA type with yellow insulation
Output	1.0 V p-p \pm 10% at 75 Ω nominal
Frequency response - 220 kHz to 3.75 MHz (can change based on FCC part 76)	\pm 3 dB p-p
S/N with input +5 dBmV, input C/N 57 dB min. (55-550 MHz)	42 dB minimum unweighted
S/N with input +5 dBmV, input C/N 57 dB min. (55-860 MHz)	41 dB minimum unweighted

RF Output

Item	Specification
Connector	F type
Frequency	<ul style="list-style-type: none"> • Channel 3 - 61.25 MHz • Channel 4 - 67.25 MHz (channels are switchable)
RF output level	<ul style="list-style-type: none"> • +9 \pm 4.5 dBmV Video • \pm 13.5 \pm 3.5 dBc Audio
Frequency response - 220 kHz to 3.75 MHz (can change based on FCC part 76)	\pm 3 dB p-p
Return loss	10 dB minimum
S/N with input +5 dBmV, input C/N 57 dB min. (55-550 MHz)	42 dB minimum unweighted equivalent to a 49 dB C/N, assuming 7 dB correction factor
S/N with input +5 dBmV, input C/N 57 dB min. (550-850 MHz)	41 dB minimum unweighted equivalent to a 48 dB C/N, assuming 7 dB correction factor

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

S-Video Output

Part	Function
Connector	4-position mini-DIN
S/N with input +5 dBmV, input C/N 57 dB min. (55-550 MHz)	42 dB minimum unweighted
S/N with input +5 dBmV, input C/N 57 dB min. (550-850 MHz)	41 dB minimum unweighted
Output levels	<ul style="list-style-type: none"> • Y: 1 V p-p \pm 10% • C: 0.29 V p-p \pm 10%

Forward Control Channel RF Input

Item	Specification
Modulation technique	Differential QPSK
Frequency	70 MHz to 130 MHz agile in 250 kHz steps
Transmission rate	1.544 Mbps
Channel bandwidth	1 MHz
Channel spacing	1 MHz
Adjacent channel performance (data)	Meets BER performance at +6 dBc 1.00 MHz from center
Mode	Continuous
Transmission format	DS1 extended Superframe - 53 byte ATM cells with AAL5 layer T=1 Reed Solomon
RF input level	-16 dBm VRMS to +15 dBm VRMS (6 dB to 16 dB below NTSC video)
BER performance at C/N=18 dB (in 772 kHz BW) at RF level above	$< 10^{-9}$ after Reed Solomon

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

Reverse Control and interactive Channel RF Output

Item	Specification
Modulation technique	Differential QPSK
Frequency	8 MHz to 26.5 MHz
Channel bandwidth	1 MHz
Channel step size	50 kHz
Forward error correction	Shortened Reed Solomon (59,53), T=3
Mode	Burst mode
Transmission rate	256 Kbps or 1.544 Mbps (maximum burst rate)
Transmission format	53 byte ATM cells
Channel sharing protocol	Slotted ALOHA, TDMA and Reservation
Maximum RF output level	Variable +55 dBm VRMS minimum
C/N0, 2 MHz from carrier (Output level >40 dbm VRMS)	120 dB/Hz
Spurious output (5-42 MHz)	-45 dBC
Channel tuning time	< 5 mS

Memory Configuration

Memory Type	Capacity
CPU DRAM	4 MB standard, MB expandable to 16 MB at factory
CPU Flash	2 MB
CPU ROM	2 MB
Decompression/ Graphics SDRAM	2 MB (shared by CPU for application processing)
CPU EEPROM	16 kb

Continued on next page

EXPLORER 2000 DHCT Specifications, Continued

Eagle Graphics/Video Processing Specifications

Item	Specification
Video resolution	Up to 720 x 480 VGA
Graphics resolution	Up to 640 x 480 VGA non-interlaced
Color graphics display mode	256 or 65,000
Graphics features	<ul style="list-style-type: none">• Video scaling and capturing• Alpha blending• 8 or 16 bit color• Square and round pixel display• Anti-flutter filter• Anti-aliasing fonts• Supports transparent, translucent, and opaque graphics and overlays

Environmental Specifications

Item	Specification
Operational temperature range	0°C to 40°C (32°F to 104°F)
Humidity	5% to 95%, non-condensing

Regulatory Specifications

The EXPLORER 2000 Digital Home Communications Terminal (DHCT) meets FCC Part 15, subpart B, class-B, applicable parts of Part 76, and UL rule #1409 under the required category of Cable Terminal Devices.

Remote Control Specifications

Introduction

This section contains specifications for the Model 2050-ER1 remote control.

Remote Control Specifications

Item	Specification
IR wavelength	940 nm
Transmitting Range to EXPLORER 2000 DHCT at 2.8 V minimum voltage	<ul style="list-style-type: none">• Straight to STT - 8 meters• Remote 30 degrees off center (all directions)• Remote 80 degrees up
Power	<ul style="list-style-type: none">• Operational at a minimum battery voltage of 2.4 V• Meets specifications at 2.8 V• The microprocessor remains in stop mode to conserve power until the user presses a button.
Batteries	Uses 2 AA alkaline batteries
Operating temperature	0°C to 40°C (32°F to 104°F)

ETN[®] MICRO-SERIES Single Channel Negative Traps

Typical Response

MODEL	CHANNEL	NOTCH-DEPTH	L.A.S.	UPPER VIDEO	HIGH FREQUENCY LOSS	
ETN-2 [*]	2	2	-75 dB	-2.0 dB	-0.5 dB	-2.5dB @ 800 MHz
ETN-3	3	3	-75 dB	-2.5 dB	-0.5 dB	-2.5dB @ 860 MHz
ETN-4	4	4	-75 dB	-2.5 dB	-0.5 dB	-2.5dB @ 860 MHz
ETN-5	5	5	-75 dB	-0.5 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-6	6	6	-75 dB	-3.5 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-A-2	A-2	98	-75 dB		-1.0 dB	-2.5dB @ 860 MHz
ETN-A-1	A-1	99	-75 dB	-5.5 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-A	A	14	-75 dB	-5.8 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-B	B	15	-75 dB	-5.8 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-C	C	16	-75 dB	-5.8 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-D	D	17	-75 dB	-6.0 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-E	E	18	-75 dB	-6.2 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-F	F	19	-75 dB	-6.5 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-G	G	20	-75 dB	-6.8 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-H	H	21	-75 dB	-7.0 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-I	I	22	-75 dB	-7.2 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-7	7	7	-75 dB	-7.5 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-8	8	8	-75 dB	-8.0 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-9	9	9	-75 dB	-8.2 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-10	10	10	-75 dB	-9.0 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-11	11	11	-75 dB	-9.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-12	12	12	-75 dB	-10.0 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-13	13	13	-75 dB	-10.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-J	J	23	-70 dB	-11.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-K	K	24	-70 dB	-12.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-L	L	25	-70 dB	-13.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-M	M	26	-70 dB	-14.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-N	N	27	-70 dB	-15.0 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-O	O	28	-70 dB	-15.5 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-P	P	29	-70 dB	-16.0 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-Q	Q	30	-70 dB	-16.5 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-R	R	31	-70 dB	-17.0 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-S	S	32	-70 dB	-17.5 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-T	T	33	-70 dB	-18.5 dB	-2.5 dB	-2.5dB @ 860 MHz
ETN-U	U	34	-70 dB	-20.0 dB	-2.5 dB	-2.5dB @ 860 MHz
ETN-V	V	35	-70 dB	-21.5 dB	-2.5 dB	-2.5dB @ 860 MHz
ETN-W ^{**}	W	36	-70 dB	-23.0 dB	-2.5 dB	-2.5dB @ 860 MHz

Patents #4451803, 5202656

^{**}Higher channels available upon request.



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Printed in USA

EAGLE COMBLINE NEGATIVE HAPS

Typical Response

Model	Channel	Notch Depth	L.A.S.	Upper Video	High Frequency Loss
ESN-A2	A-2	98	-75 dB	-3.2 dB	-1.0 dB @ 860 MHz
ESN-A1	A-1	99	-75 dB	-3.5 dB	-1.0 dB @ 860 MHz
ESN-A	A	14	-75 dB	-3.7 dB	-1.0 dB @ 860 MHz
ESN-B	B	15	-75 dB	-4.0 dB	-1.0 dB @ 860 MHz
ESN-C	C	16	-75 dB	-4.3 dB	-1.0 dB @ 860 MHz
ESN-D	D	17	-75 dB	-4.5 dB	-1.0 dB @ 860 MHz
ESN-E	E	18	-75 dB	-4.8 dB	-1.0 dB @ 860 MHz
ESN-F	F	19	-75 dB	-5.1 dB	-1.0 dB @ 860 MHz
ESN-G	G	20	-75 dB	-5.4 dB	-1.0 dB @ 860 MHz
ESN-H	H	21	-75 dB	-5.8 dB	-1.0 dB @ 860 MHz
ESN-I	I	22	-75 dB	-5.9 dB	-1.0 dB @ 860 MHz
ESN-7	7	7	-75 dB	-6.1 dB	-1.0 dB @ 860 MHz
ESN-8	8	8	-75 dB	-6.3 dB	-1.0 dB @ 860 MHz
ESN-9	9	9	-75 dB	-6.5 dB	-1.0 dB @ 860 MHz
ESN-10	10	10	-75 dB	-6.6 dB	-1.0 dB @ 860 MHz
ESN-11	11	11	-75 dB	-6.8 dB	-1.0 dB @ 860 MHz
ESN-12	12	12	-75 dB	-7.0 dB	-1.0 dB @ 860 MHz
ESN-13	13	13	-75 dB	-7.2 dB	-1.0 dB @ 860 MHz
ESN-J	J	23	-70 dB	-7.4 dB	-1.4 dB @ 1 GHz
ESN-K	K	24	-70 dB	-7.5 dB	-1.4 dB @ 1 GHz
ESN-L	L	25	-70 dB	-7.8 dB	-1.4 dB @ 1 GHz
ESN-M	M	26	-70 dB	-8.1 dB	-1.4 dB @ 1 GHz
ESN-N	N	27	-70 dB	-8.2 dB	-1.4 dB @ 1 GHz
ESN-O	O	28	-70 dB	-8.4 dB	-1.4 dB @ 1 GHz
ESN-P	P	29	-70 dB	-8.7 dB	-1.4 dB @ 1 GHz
ESN-Q	Q	30	-70 dB	-9.0 dB	-1.4 dB @ 1 GHz
ESN-R	R	31	-70 dB	-9.3 dB	-1.4 dB @ 1 GHz
ESN-S	S	32	-70 dB	-9.6 dB	-1.4 dB @ 1 GHz
ESN-T	T	33	-70 dB	-9.9 dB	-1.4 dB @ 1 GHz
ESN-U	U	34	-70 dB	-10.1 dB	-1.4 dB @ 1 GHz
ESN-V	V	35	-70 dB	-10.3 dB	-1.4 dB @ 1 GHz
ESN-W	W	36	-70 dB	-10.5 dB	-1.4 dB @ 1 GHz
ESN-AA	AA	37	-70 dB	-10.6 dB	-1.4 dB @ 1 GHz
ESN-BB	BB	38	-70 dB	-10.8 dB	-1.4 dB @ 1 GHz
ESN-CC	CC	39	-70 dB	-11.0 dB	-1.4 dB @ 1 GHz
ESN-DD	DD	40	-70 dB	-11.2 dB	-1.4 dB @ 1 GHz
ESN-EE	EE	41	-70 dB	-11.3 dB	-1.4 dB @ 1 GHz
ESN-FF	FF	42	-70 dB	-11.4 dB	-1.4 dB @ 1 GHz
ESN-GG	GG	43	-70 dB	-11.5 dB	-1.4 dB @ 1 GHz
ESN-HH	HH	44	-70 dB	-11.7 dB	-1.4 dB @ 1 GHz
ESN-II	II	45	-70 dB	-12.0 dB	-1.4 dB @ 1 GHz
ESN-JJ	JJ	46	-70 dB	-12.3 dB	-1.4 dB @ 1 GHz
ESN-KK	KK	47	-70 dB	-12.6 dB	-1.4 dB @ 1 GHz
ESN-LL	LL	48	-70 dB	-12.9 dB	-1.4 dB @ 1 GHz
ESN-MM	MM	49	-70 dB	-13.2 dB	-1.4 dB @ 1 GHz
ESN-NN	NN	50	-70 dB	-13.5 dB	-1.4 dB @ 1 GHz
ESN-OO	OO	51	-70 dB	-13.8 dB	-1.4 dB @ 1 GHz
ESN-PP	PP	52	-70 dB	-14.1 dB	-1.4 dB @ 1 GHz
ESN-QQ	QQ	53	-70 dB	-14.3 dB	-1.4 dB @ 1 GHz
ESN-RR	RR	54	-70 dB	-14.5 dB	-1.4 dB @ 1 GHz
ESN-SS	SS	55	-70 dB	-14.8 dB	-1.4 dB @ 1 GHz
ESN-TT	TT	56	-70 dB	-14.9 dB	-1.4 dB @ 1 GHz
ESN-UU	UU	57	-70 dB	-15.1 dB	-1.4 dB @ 1 GHz
ESN-VV	VV	58	-70 dB	-15.3 dB	-1.4 dB @ 1 GHz
ESN-WW	WW	59	-70 dB	-15.5 dB	-1.4 dB @ 1 GHz
ESN-XX	XX	60	-70 dB	-15.7 dB	-1.4 dB @ 1 GHz
ESN-YY	YY	61	-70 dB	-15.9 dB	-1.4 dB @ 1 GHz
ESN-ZZ	ZZ	62	-70 dB	-16.1 dB	-1.4 dB @ 1 GHz

Patents #5148123, 5168251

Trap Length is 2.56" / Diameter .825 / Specifications subject to change without notice



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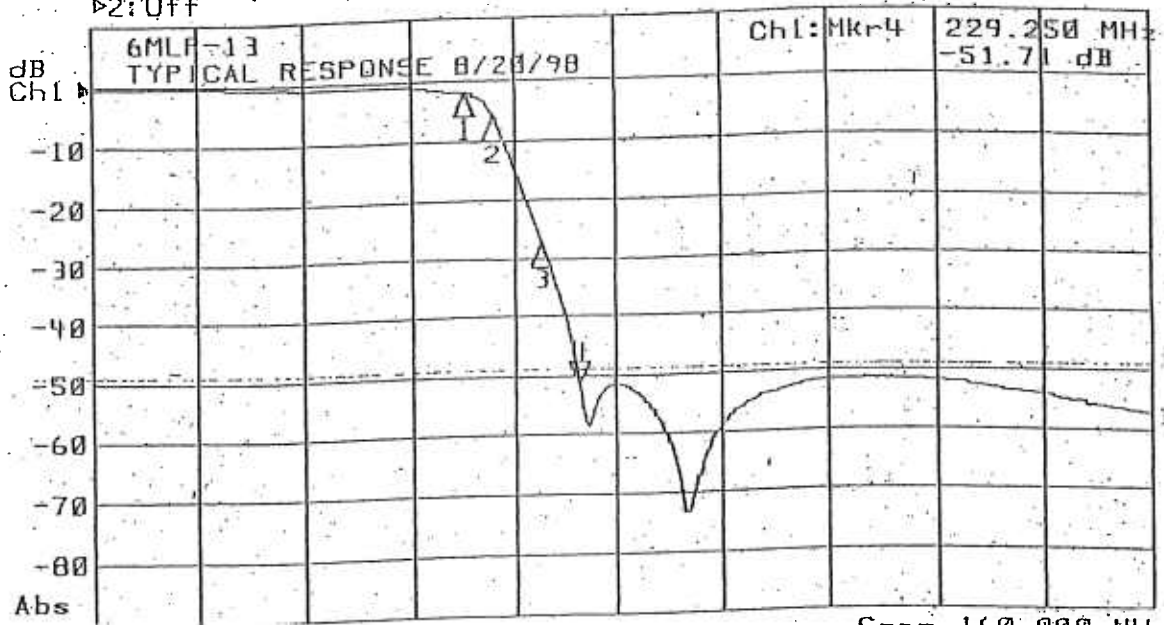
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61-13

▶1: Transmission
▶2: Off

Log Mag 10.0 dB/ Ref 0.00 dB C7



Center 235.000 MHz

Span 160.000 MHz

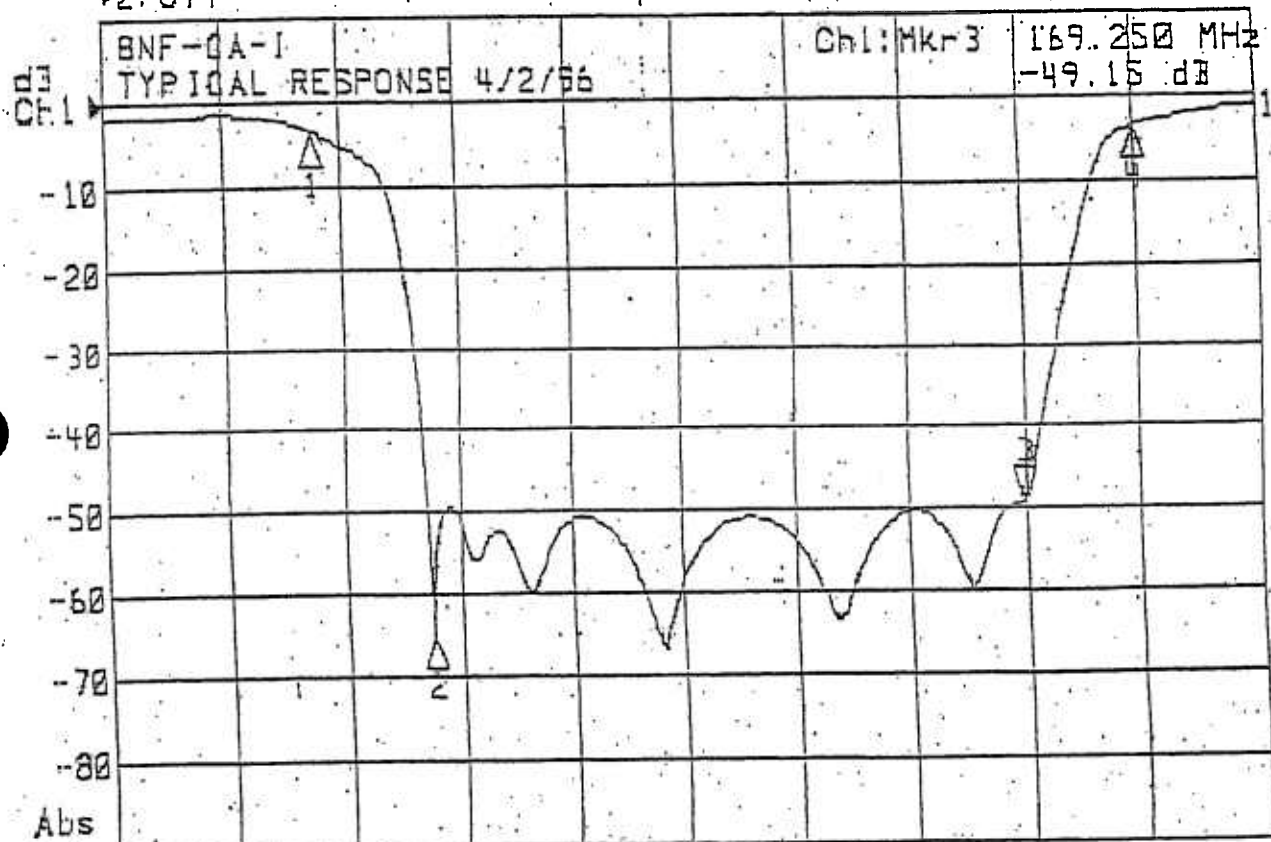
1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 211.25	-2.00		
2: 215.75	-5.97		
3: 223.25	-27.00		
4: 229.25	-51.71		



Plots Available for 8-NF-Ca-I

Confidential

▶1: Transmission /M Log Mag 10.0 dB/ Ref 0.00 dB C
 ▶2: Off



Center 151.250 MHz

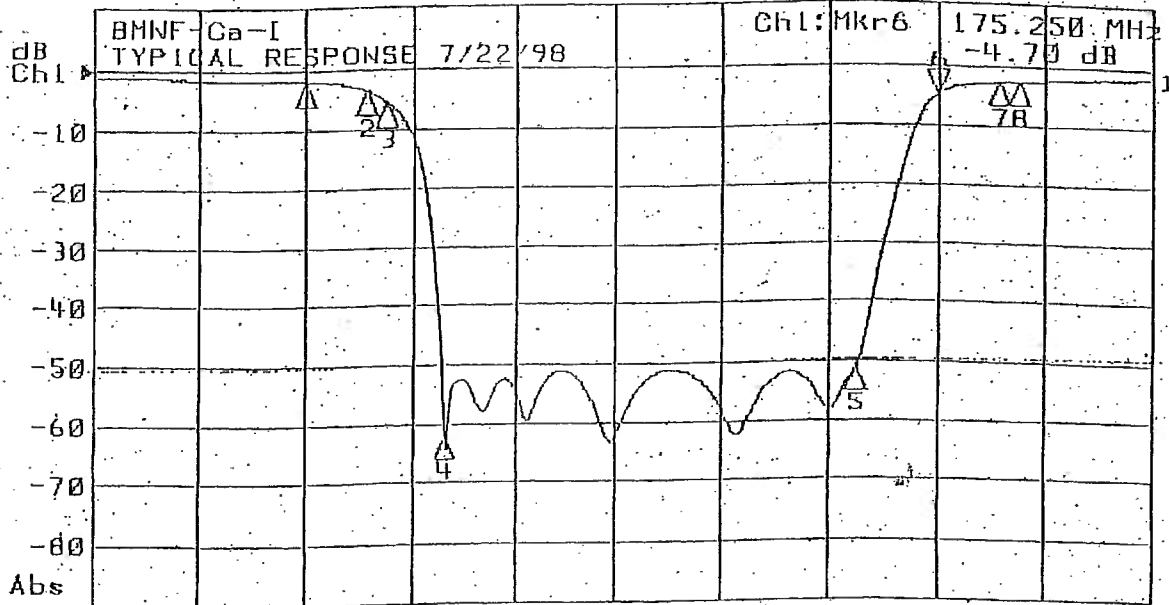
Span 60.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 131.75	-3.31		
2: 137.75	-65.12		
3: 169.25	-49.15		
4: 175.25	-3.28		



81 J-Ca-1

M1: Transmission Log Mag 10.0 dB/ Ref 0.00 dB C?
 M2: Off



Center 151.250 MHz

Span 80.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1:	127.25	-1.72	
2:	131.75	-3.48	
3:	133.25	-5.27	
4:	137.75	-61.75	
5:	169.25	-50.91	
6:	175.25	-4.70	
7:	179.75	-2.62	
8:	181.25	-2.48	

PPC TRAP SPECIFICATION SHEET

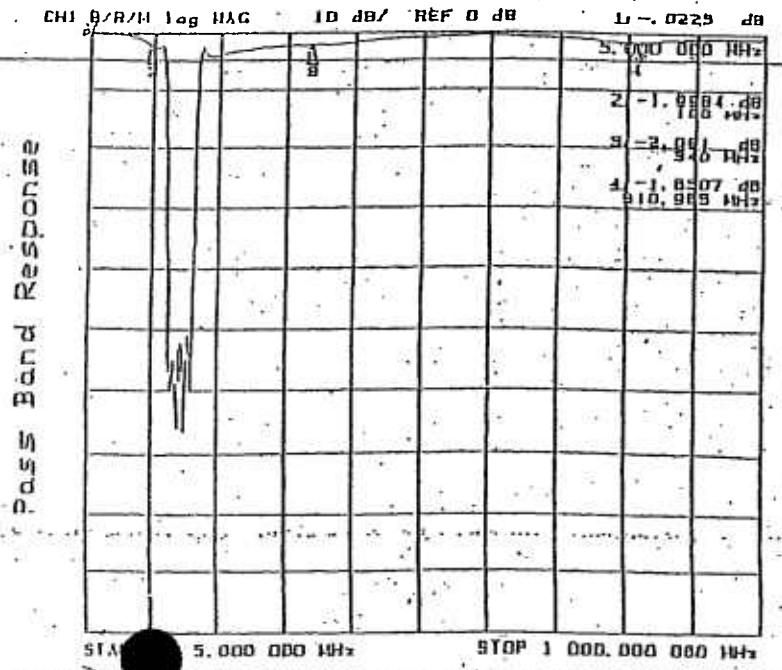
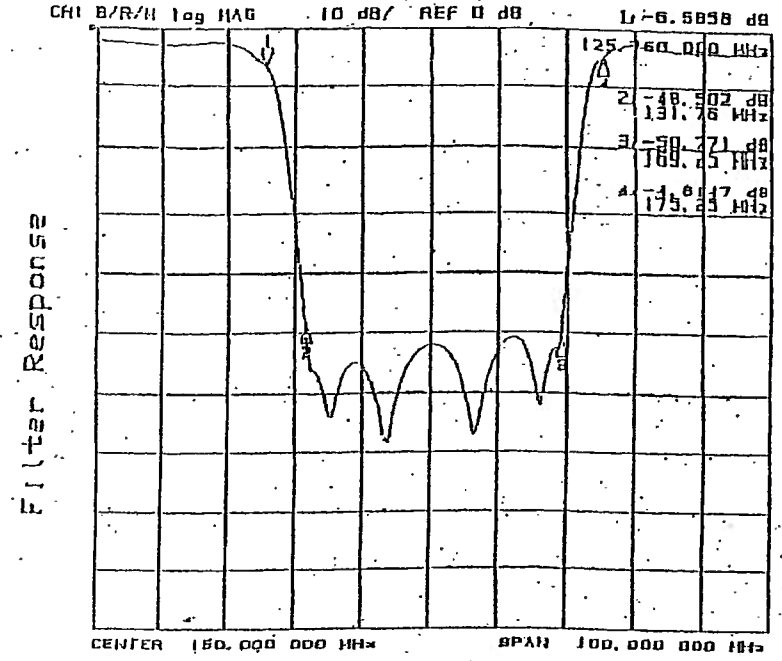
Product Code: Prep By: 718
 Part: A1826-15A/22 Date: 4-15-97
 Poles: 6 Rev:
 Response: Actual Estimated

Impedance
 Band Loss: 2.5 dB Max
 Frequency Range: 5 MHz To 100 MHz
 Band Loss: 3 dB Max
 Frequency Range: 340 MHz To 1 GHz/GHz
 Attenuation: 45 dB Min
 Frequency Range: 173.26 MHz To 167.75 MHz/GHz

Req Desc.	Freq (MHz)	Loss (dB)
<u>14 AWD</u>	<u>125.76</u>	<u>7.5 MAX</u>
<u>15 AWD</u>	<u>131.76</u>	<u>40 min</u>
<u>2.2 VLD</u>	<u>169.25</u>	<u>40 min</u>
<u>7 VLD</u>	<u>175.25</u>	<u>5.5 MAX</u>

Specifications

10051



10/01/97 FED 11:45 (IL/RI NO 7063) 0002

Product Code: MCP6-13

Prep By: RCX

Part #: MCP6-13

Date: 3/5/97

Part #: 6

Rev: _____

Consent: Actual Estimated

Parameter

Bandwidth Loss: 1.5 dB Max

Frequency Range: 5 MHz To 145 MHz

Bandwidth Loss: _____ dB Max

Frequency Range: _____ MHz To _____ MHz/GHz

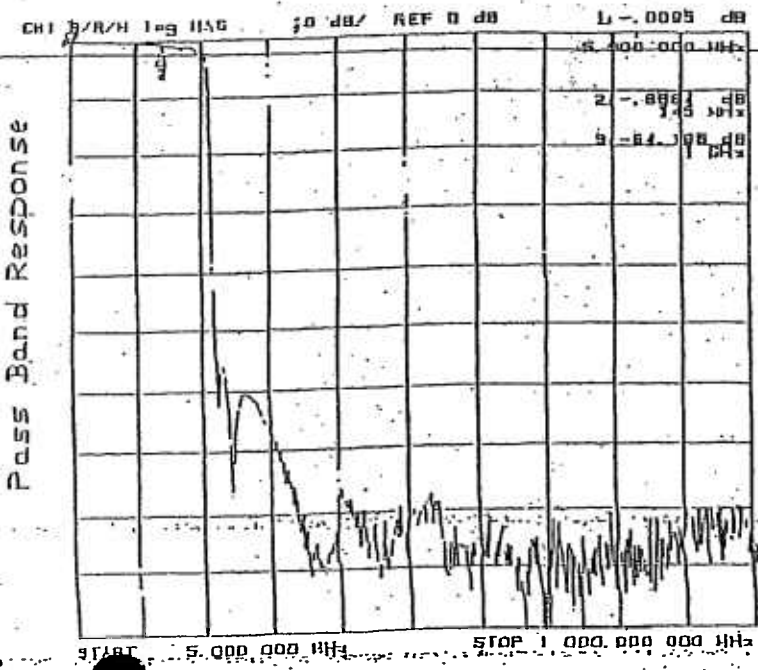
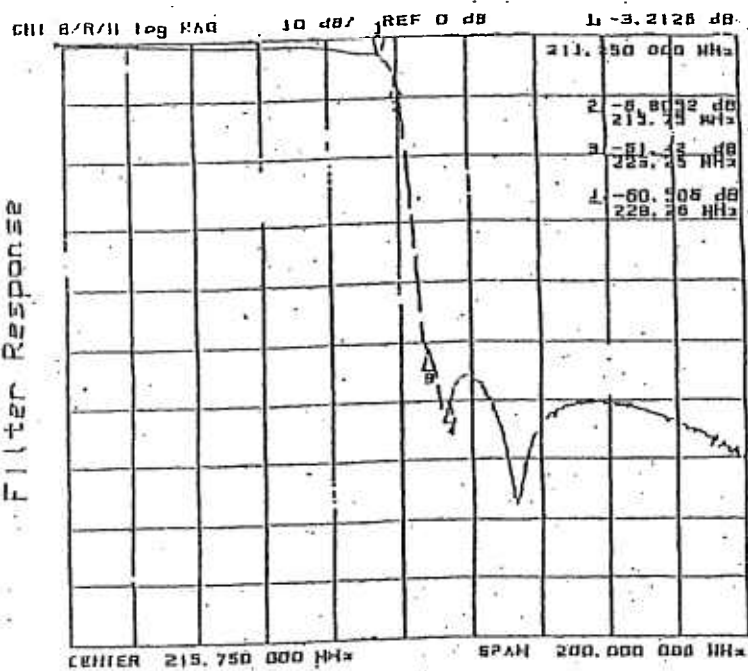
Attenuation: 50 dB Min

Frequency Range: 229.26 MHz To 1 MHz/GHz

Freq Desc:	Freq (MHz)	Loss (dB)
<u>13VID</u>	<u>21.25</u>	<u>4.5 MAX.</u>
<u>13AUD</u>	<u>215.75</u>	<u>9.0 MAX.</u>
<u>14VID</u>	<u>223.25</u>	<u>45 MIN.</u>
<u>25VID</u>	<u>229.26</u>	<u>50 MIN.</u>
_____	_____	_____
_____	_____	_____

Other Specifications

Conditions



TIME WARNER CABLE - SYRACUSE DIVISION

Headend Tests

System Name : Syracuse

HE Location : 6005 Fairlakes

PAGE 10 MAIN

TIME WARNER CABLE - SYRACUSE DIVISION**Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)**

System Name : Syracuse
 HE Location : 6005 Fairlakes Rd
 Performed By : Don Palmer

Date : 08/09/2006

ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)	ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)
2	55.2500	55.2500	4.5000	DD (40)	319.2625	319.2641	4.5000
3	61.2500	61.2401	4.5010	EE (41)	325.2625	325.2630	4.5000
4	67.2500	67.2506	4.5001	FF (42)	331.2750	331.2760	4.5000
5	77.2500	77.2400	4.5010	GG (43)	337.2625	337.2630	4.5000
6	83.2500	83.2501	4.5000	HH (44)	343.2625	343.2628	4.5000
A-5 (95)	91.2500			II (45)	349.2625	349.2627	4.5000
A-4 (96)	97.2500			JJ (46)	355.2625	355.2635	4.5000
A-3 (97)	103.2500			KK (47)	361.2625	361.2631	4.5000
A-2 (98)	109.2750	109.2752	4.5000	LL (48)	367.2625	367.2624	4.5000
A-1 (99)	115.2750	115.2751	4.5000	MM (49)	373.2625	373.2633	4.5000
A (14)	121.2625	121.2633	4.5001	NN (50)	379.2625	379.2627	4.5000
B (15)	127.2625	127.2624	4.5001	OO (51)	385.2625	385.2630	4.5000
C (16)	133.2625	133.2627	4.5001	PP (52)	391.2625	391.2628	4.5000
D (17)	139.2500	139.2501	4.5000	QQ (53)	397.2625	397.2627	4.5000
B (18)	145.2500	145.2500	4.5000	RR (54)	403.2500	403.2501	4.5000
F (19)	151.3210	151.3249	4.5000	SS (55)	409.2500	409.2505	4.5000
G (20)	157.2500	157.2500	4.5000	TT (56)	415.2500	415.2505	4.5000
H (21)	163.2500	163.2496	4.5000	UU (57)	421.2500	421.2499	4.5000
I (22)	169.2500	169.2504	4.5001	VV (58)	427.2500	427.2499	4.5000
7	175.2500	175.2497	4.5000	WW (59)	433.2500	433.2525	4.5001
8	181.2500	181.2496	4.5000	XX (60)	439.2500	439.2497	4.5000
9	187.2500	187.2399	4.5009	YY (61)	445.2500	445.2508	4.5000
10	193.2500	193.2501	4.5000	ZZ (62)	451.2500	451.2505	4.5000
11	199.2500	199.2499	4.5000	63	457.2500	457.2506	4.5000
12	205.2500	205.2501	4.5000	64	463.2500	463.2499	4.5000
13	211.2500	211.2504	4.5000	65	469.2500	469.2501	4.5000
J (23)	217.2500	217.2505	4.5000	66	475.2500		
K (24)	223.2500	223.2499	4.5000	67	481.2500	481.2496	4.5000
L (25)	229.2625	229.2646	4.5001	68	487.2500	487.2487	4.5000
M (26)	235.2625	235.2629	4.5000	69	493.2500	493.2492	4.5000
N (27)	241.2625	241.2630	4.5000	70	499.2500	499.2499	4.5000
O (28)	247.2625	247.2627	4.5000	71	505.2500	505.2501	4.5000
P (29)	253.2625	253.2631	4.5000	72	511.2500	511.2502	4.5000
Q (30)	259.2625	259.2628	4.5000	73	517.2500	517.2515	4.5000
R (31)	265.2625	265.2622	4.5000	74	523.2500	523.2502	4.5000
S (32)	271.2625	271.2625	4.5000	75	529.2500	529.2501	4.5000
T (33)	277.2625	277.2627	4.5000	76	535.2500	535.2504	4.5000
U (34)	283.2625	283.2627	4.5000	77	541.2500	541.2509	4.5000
V (35)	289.2625	289.2630	4.5000	78	547.2500	547.2503	4.5000
W (36)	295.2625	295.2639	4.5000	79	553.2500		
AA (37)	301.2625	301.2623	4.5000	80	559.2500	559.2498	4.5000
BB (38)	307.2625	307.2623	4.5000	81	565.2500		
CC (39)	313.2625	313.2628	4.5000				

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TIME WARNER CABLE - SYRACUSE DIVISION**Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)**

System Name : Syracuse
 HE Location : Syracuse-City
 Performed By : Don Palmer

Date : 08/09/2006

ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)	ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)
2	55.2500	55.2500	4.5000	DD (40)	319.2625	319.2641	4.5000
3	61.2500	61.2401	4.5010	EE (41)	325.2625	325.2630	4.5000
4	67.2500	67.2506	4.5001	FF (42)	331.2750	331.2760	4.5000
5	77.2500	77.2400	4.5010	GG (43)	337.2625	337.2630	4.5000
6	83.2500	83.2501	4.5000	HH (44)	343.2625	343.2628	4.5000
A-5 (95)	91.2500			II (45)	349.2625	349.2627	4.5000
A-4 (96)	97.2500			JJ (46)	355.2625	355.2635	4.5000
A-3 (97)	103.2500			KK (47)	361.2625	361.2631	4.5000
A-2 (98)	109.2750	109.2752	4.5000	LL (48)	367.2625	367.2624	4.5000
A-1 (99)	115.2750	115.2751	4.5000	MM (49)	373.2625	373.2633	4.5000
A (14)	121.2625	121.2633	4.5001	NN (50)	379.2625	379.2627	4.5000
B (15)	127.2625	127.2624	4.5001	OO (51)	385.2625	385.2630	4.5000
C (16)	133.2625	133.2627	4.5001	PP (52)	391.2625	391.2628	4.5000
D (17)	139.2500	139.2501	4.5000	QQ (53)	397.2625	397.2627	4.5000
E (18)	145.2500	145.2500	4.5000	RR (54)	403.2500	403.2501	4.5000
F (19)	151.3210	151.3249	4.5000	SS (55)	409.2500	409.2505	4.5000
G (20)	157.2500	157.2500	4.5000	TT (56)	415.2500	415.2505	4.5000
H (21)	163.2500	163.2496	4.5000	UU (57)	421.2500	421.2499	4.5000
I (22)	169.2500	169.2504	4.5001	VV (58)	427.2500	427.2499	4.5000
7	175.2500	175.2497	4.5000	WW (59)	433.2500	433.2525	4.5001
8	181.2500	181.2496	4.5000	XX (60)	439.2500	439.2497	4.5000
9	187.2500	187.2399	4.5009	YY (61)	445.2500	445.2508	4.5000
10	193.2500	193.2501	4.5000	ZZ (62)	451.2500	451.2505	4.5000
11	199.2500	199.2499	4.5000	63	457.2500	457.2506	4.5000
12	205.2500	205.2501	4.5000	64	463.2500	463.2499	4.5000
13	211.2500	211.2504	4.5000	65	469.2500	469.2501	4.5000
J (23)	217.2500	217.2505	4.5000	66	475.2500		
K (24)	223.2500	223.2499	4.5000	67	481.2500	481.2496	4.5000
L (25)	229.2625	229.2646	4.5001	68	487.2500	487.2487	4.5000
M (26)	235.2625	235.2629	4.5000	69	493.2500	493.2492	4.5000
N (27)	241.2625	241.2630	4.5000	70	499.2500	499.2499	4.5000
O (28)	247.2625	247.2627	4.5000	71	505.2500	505.2501	4.5000
P (29)	253.2625	253.2631	4.5000	72	511.2500	511.2502	4.5000
Q (30)	259.2625	259.2628	4.5000	73	517.2500	517.2515	4.5000
R (31)	265.2625	265.2622	4.5000	74	523.2500	523.2502	4.5000
S (32)	271.2625	271.2625	4.5000	75	529.2500	529.2501	4.5000
T (33)	277.2625	277.2627	4.5000	76	535.2500	535.2504	4.5000
U (34)	283.2625	283.2627	4.5000	77	541.2500	541.2509	4.5000
V (35)	289.2625	289.2630	4.5000	78	547.2500	547.2503	4.5000
W (36)	295.2625	295.2639	4.5000	79	553.2500		
AA (37)	301.2625	301.2623	4.5000	80	559.2500	559.2498	4.5000
BB (38)	307.2625	307.2623	4.5000	81	565.2500		
CC (39)	313.2625	313.2628	4.5000				

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TIME WARNER CABLE - SYRACUSE DIVISION**Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)**

System Name : Syracuse

HE Location : Syracuse- Fulton

Date : 08/09/2006

Performed By : Don Palmer

ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)	ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)
2	55.2500	55.2500	4.5000	DD (40)	319.2625	319.2641	4.5000
3	61.2500	61.2401	4.5010	EE (41)	325.2625	325.2630	4.5000
4	67.2500	67.2506	4.5001	FF (42)	331.2750	331.2760	4.5000
5	77.2500	77.2400	4.5010	GG (43)	337.2625	337.2630	4.5000
6	83.2500	83.2501	4.5000	HH (44)	343.2625	343.2628	4.5000
A-5 (95)	91.2500			II (45)	349.2625	349.2627	4.5000
A-4 (96)	97.2500	97.2522	4.5000	JJ (46)	355.2625	355.2635	4.5000
A-3 (97)	103.2500			KK (47)	361.2625	361.2631	4.5000
A-2 (98)	109.2750			LL (48)	367.2625	367.2624	4.5000
A-1 (99)	115.2750	115.2751	4.5000	MM (49)	373.2625	373.2633	4.5000
A (14)	121.2625	121.2633	4.5001	NN (50)	379.2625	379.2627	4.5000
B (15)	127.2625	127.2624	4.5001	OO (51)	385.2625	385.2630	4.5000
C (16)	133.2625	133.2627	4.5001	PP (52)	391.2625	391.2628	4.5000
D (17)	139.2500	139.2501	4.5000	QQ (53)	397.2625	397.2627	4.5000
E (18)	145.2500	145.2500	4.5000	RR (54)	403.2500	403.2501	4.5000
F (19)	151.3210	151.3249	4.5000	SS (55)	409.2500	409.2505	4.5000
G (20)	157.2500	157.2500	4.5000	TT (56)	415.2500	415.2505	4.5000
H (21)	163.2500	163.2496	4.5000	UU (57)	421.2500	421.2499	4.5000
I (22)	169.2500	169.2504	4.5001	VV (58)	427.2500	427.2499	4.5000
7	175.2500	175.2497	4.5000	WW (59)	433.2500	433.2525	4.5001
8	181.2500	181.2496	4.5000	XX (60)	439.2500	439.2497	4.5000
9	187.2500	187.2399	4.5009	YY (61)	445.2500	445.2508	4.5000
10	193.2500	193.2501	4.5000	ZZ (62)	451.2500	451.2505	4.5000
11	199.2500	199.2499	4.5000	63	457.2500	457.2506	4.5000
12	205.2500	205.2501	4.5000	64	463.2500	463.2499	4.5000
13	211.2500	211.2504	4.5000	65	469.2500	469.2501	4.5000
J (23)	217.2500	217.2505	4.5000	66	475.2500		
K (24)	223.2500	223.2499	4.5000	67	481.2500	481.2496	4.5000
L (25)	229.2625	229.2646	4.5001	68	487.2500	487.2487	4.5000
M (26)	235.2625	235.2629	4.5000	69	493.2500	493.2492	4.5000
N (27)	241.2625	241.2630	4.5000	70	499.2500	499.2499	4.5000
O (28)	247.2625	247.2627	4.5000	71	505.2500	505.2501	4.5000
P (29)	253.2625	253.2631	4.5000	72	511.2500	511.2502	4.5000
Q (30)	259.2625	259.2628	4.5000	73	517.2500	517.2515	4.5000
R (31)	265.2625	265.2622	4.5000	74	523.2500	523.2502	4.5000
S (32)	271.2625	271.2625	4.5000	75	529.2500	529.2501	4.5000
T (33)	277.2625	277.2627	4.5000	76	535.2500	535.2504	4.5000
U (34)	283.2625	283.2627	4.5000	77	541.2500	541.2509	4.5000
V (35)	289.2625	289.2630	4.5000	78	547.2500	547.2503	4.5000
W (36)	295.2625	295.2639	4.5000	79	553.2500		
AA (37)	301.2625	301.2623	4.5000	80	559.2500	559.2498	4.5000
BB (38)	307.2625	307.2623	4.5000	81	565.2500		
CC (39)	313.2625	313.2628	4.5000				

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TIME WARNER CABLE - SYRACUSE DIVISION**Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)**

System Name : Syracuse

HE Location : Syracuse-Oswego

Date : 08/09/2006

Performed By : Don Palmer

ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)	ACTUAL CHANNEL	CARRIER FREQ	VISUAL FREQUENCY (MHZ)	AURAL FREQUENCY DIFF (MHZ)
2	55.2500	55.2500	4.5000	DD (40)	319.2625	319.2641	4.5000
3	61.2500	61.2401	4.5010	EE (41)	325.2625	325.2630	4.5000
4	67.2500	67.2506	4.5001	FF (42)	331.2750	331.2760	4.5000
5	77.2500	77.2400	4.5010	GG (43)	337.2625	337.2630	4.5000
6	83.2500	83.2501	4.5000	HH (44)	343.2625	343.2628	4.5000
A-5 (95)	91.2500			II (45)	349.2625	349.2627	4.5000
A-4 (96)	97.2500	97.2522	4.5000	JJ (46)	355.2625	355.2635	4.5000
A-3 (97)	103.2500			KK (47)	361.2625	361.2631	4.5000
A-2 (98)	109.2750			LL (48)	367.2625	367.2624	4.5000
A-1 (99)	115.2750	115.2751	4.5000	MM (49)	373.2625	373.2633	4.5000
A (14)	121.2625	121.2633	4.5001	NN (50)	379.2625	379.2627	4.5000
B (15)	127.2625	127.2624	4.5001	OO (51)	385.2625	385.2630	4.5000
C (16)	133.2625	133.2627	4.5001	PP (52)	391.2625	391.2628	4.5000
D (17)	139.2500	139.2501	4.5000	QQ (53)	397.2625	397.2627	4.5000
B (18)	145.2500	145.2500	4.5000	RR (54)	403.2500	403.2501	4.5000
F (19)	151.3210	151.3249	4.5000	SS (55)	409.2500	409.2505	4.5000
G (20)	157.2500	157.2500	4.5000	TT (56)	415.2500	415.2505	4.5000
H (21)	163.2500	163.2496	4.5000	UU (57)	421.2500	421.2499	4.5000
I (22)	169.2500	169.2504	4.5001	VV (58)	427.2500	427.2499	4.5000
7	175.2500	175.2497	4.5000	WW (59)	433.2500	433.2525	4.5001
8	181.2500	181.2496	4.5000	XX (60)	439.2500	439.2497	4.5000
9	187.2500	187.2399	4.5009	YY (61)	445.2500	445.2508	4.5000
10	193.2500	193.2501	4.5000	ZZ (62)	451.2500	451.2505	4.5000
11	199.2500	199.2499	4.5000	63	457.2500	457.2506	4.5000
12	205.2500	205.2501	4.5000	64	463.2500	463.2499	4.5000
13	211.2500	211.2504	4.5000	65	469.2500	469.2501	4.5000
J (23)	217.2500	217.2505	4.5000	66	475.2500		
K (24)	223.2500	223.2499	4.5000	67	481.2500	481.2496	4.5000
L (25)	229.2625	229.2646	4.5001	68	487.2500	487.2487	4.5000
M (26)	235.2625	235.2629	4.5000	69	493.2500	493.2492	4.5000
N (27)	241.2625	241.2630	4.5000	70	499.2500	499.2499	4.5000
O (28)	247.2625	247.2627	4.5000	71	505.2500	505.2501	4.5000
P (29)	253.2625	253.2631	4.5000	72	511.2500	511.2502	4.5000
Q (30)	259.2625	259.2628	4.5000	73	517.2500	517.2515	4.5000
R (31)	265.2625	265.2622	4.5000	74	523.2500	523.2502	4.5000
S (32)	271.2625	271.2625	4.5000	75	529.2500	529.2501	4.5000
T (33)	277.2625	277.2627	4.5000	76	535.2500	535.2504	4.5000
U (34)	283.2625	283.2627	4.5000	77	541.2500	541.2509	4.5000
V (35)	289.2625	289.2630	4.5000	78	547.2500	547.2503	4.5000
W (36)	295.2625	295.2639	4.5000	79	553.2500		
AA (37)	301.2625	301.2623	4.5000	80	559.2500	559.2498	4.5000
BB (38)	307.2625	307.2623	4.5000	81	565.2500		
CC (39)	313.2625	313.2628	4.5000				

TIME WARNER CABLE - SYRACUSE DIVISION

**Visual / Aural Level Difference Test
(at Headend)**

System Name : Syracuse Meter / Serial Number : 8591C/3649A01838
 HE Location : Syracuse-Suburbs Performed By : Don Palmer
 Date : 08/09/2006 Time : 11:53:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	19.3	4.9		14.4	DD (40)	319.2625	19.3	4.8		14.5
3	61.2500	19.4	5.0		14.4	EE (41)	325.2625	19.3	4.7		14.6
4	67.2500	19.3	4.9		14.4	FF (42)	331.2750	19.1	4.9		14.2
5	77.2500	19.2	4.0		15.2	GG (43)	337.2625	19.4	4.8		14.6
6	83.2500	19.3	5.3		14	HH (44)	343.2625	19.3	5.1		14.2
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	19.2	4.9		14.3
A-4 (96)	97.2500	N/A	N/A		N/A	IJ (46)	355.2625	19.3	4.4		14.9
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	19.2	4.7		14.5
A-2 (98)	109.2750	19.2	4.9		14.3	LL (48)	367.2625	19.3	4.8		14.5
A-1 (99)	115.2750	19.3	5.2		14.1	MM (49)	373.2625	19.3	4.7		14.6
A (14)	121.2625	19.3	5.2		14.1	NN (50)	379.2625	19.3	5.0		14.3
B (15)	127.2625	19.3	4.8		14.5	OO (51)	385.2625	19.3	5.0		14.3
C (16)	133.2625	19.3	5.3		14	PP (52)	391.2625	19.5	5.4		14.1
D (17)	139.2500	19.6	5.6		14	QQ (53)	397.2625	19.2	4.7		14.5
B (18)	145.2500	19.4	4.8		14.6	RR (54)	403.2500	19.3	4.7		14.6
F (19)	151.3210	19.2	4.9		14.3	SS (55)	409.2500	19.3	4.4		14.9
G (20)	157.2500	19.2	5.4		13.8	TT (56)	415.2500	19.4	4.5		14.9
H (21)	163.2500	19.3	4.7		14.6	UU (57)	421.2500	19.2	4.8		14.4
I (22)	169.2500	19.3	4.9		14.4	VV (58)	427.2500	19.1	5.0		14.1
7	175.2500	19.4	5.3		14.1	WW (59)	433.2500	19.2	4.4		14.8
8	181.2500	19.4	5.2		14.2	XX (60)	439.2500	19.3	4.9		14.4
9	187.2500	19.2	4.5		14.7	YY (61)	445.2500	19.2	4.7		14.5
10	193.2500	19.3	4.5		14.8	ZZ (62)	451.2500	19.4	5.1		14.3
11	199.2500	19.3	4.2		15.1	63	457.2500	19.3	5.2		14.1
12	205.2500	19.3	5.5		13.8	64	463.2500	19.3	4.9		14.4
13	211.2500	19.3	4.0		15.3	65	469.2500	19.3	5.0		14.3
J (23)	217.2500	19.4	5.3		14.1	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	19.2	5.0		14.2	67	481.2500	19.4	4.7		14.7
L (25)	229.2625	19.3	5.1		14.2	68	487.2500	19.3	4.8		14.5
M (26)	235.2625	19.2	4.6		14.6	69	493.2500	19.5	5.0		14.5
N (27)	241.2625	19.4	4.9		14.5	70	499.2500	19.4	5.3		14.1
O (28)	247.2625	19.1	4.9		14.2	71	505.2500	19.4	5.0		14.4
P (29)	253.2625	19.3	5.1		14.2	72	511.2500	19.5	4.8		14.7
Q (30)	259.2625	19.3	5.3		14	73	517.2500	19.3	4.9		14.4
R (31)	265.2625	19.5	5.1		14.4	74	523.2500	19.4	4.6		14.8
S (32)	271.2625	19.3	5.1		14.2	75	529.2500	19.4	5.2		14.2
T (33)	277.2625	19.1	5.2		13.9	76	535.2500	19.2	5.1		14.1
U (34)	283.2625	19.3	5.0		14.3	77	541.2500	19.5	4.7		14.8
V (35)	289.2625	19.5	4.5		15	78	547.2500	19.2	4.5		14.7
W (36)	295.2625	19.4	4.9		14.5	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	19.5	5.1		14.4	80	559.2500	19.2	5.5		13.7
BB (38)	307.2625	19.2	5.0		14.2	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	19.2	5.3		13.9						

Min Channel	:	O(28)	19.1
Max Channel	:	D(17)>	19.6
Peak to Valley	:	0.5	

TIME WARNER CABLE - SYRACUSE DIVISION

**Visual / Aural Level Difference Test
(at Headend)**

System Name : Syracuse Meter / Serial Number : 8591C/3649A01838
 HE Location : Syracuse-City Performed By : Don Palmer
 Date : 08/09/2006 Time : 12:20:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	19.6	5.3		14.3	DD (40)	319.2625	19.3	4.8		14.5
3	61.2500	19.2	4.7		14.5	EE (41)	325.2625	19.3	4.7		14.6
4	67.2500	19.4	5.0		14.4	FF (42)	331.2750	19.6	5.4		14.2
5	77.2500	19.3	5.1		14.2	GG (43)	337.2625	19.4	5.1		14.3
6	83.2500	19.2	4.6		14.6	HH (44)	343.2625	19.3	5.1		14.2
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	19.2	4.9		14.3
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	19.4	5.2		14.2
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	19.2	4.7		14.5
A-2 (98)	109.2750	19.2	4.9		14.3	LL (48)	367.2625	19.3	4.8		14.5
A-1 (99)	115.2750	19.4	5.1		14.3	MM (49)	373.2625	19.3	4.7		14.6
A (14)	121.2625	19.3	4.9		14.4	NN (50)	379.2625	19.7	5.3		14.4
B (15)	127.2625	19.3	4.8		14.5	OO (51)	385.2625	19.3	5.0		14.3
C (16)	133.2625	19.5	5.2		14.3	PP (52)	391.2625	19.4	5.3		14.1
D (17)	139.2500	19.4	4.9		14.5	QQ (53)	397.2625	19.2	4.7		14.5
E (18)	145.2500	19.5	4.9		14.6	RR (54)	403.2500	19.2	4.6		14.6
F (19)	151.3210	19.4	5.2		14.2	SS (55)	409.2500	19.3	4.9		14.4
G (20)	157.2500	19.6	4.8		14.8	TT (56)	415.2500	19.4	4.8		14.6
H (21)	163.2500	19.3	4.7		14.6	UU (57)	421.2500	19.2	4.8		14.4
I (22)	169.2500	19.3	4.9		14.4	VV (58)	427.2500	19.3	5.2		14.1
7	175.2500	19.3	5.0		14.3	WW (59)	433.2500	19.2	4.4		14.8
8	181.2500	19.6	5.5		14.1	XX (60)	439.2500	19.6	5.2		14.4
9	187.2500	19.2	4.7		14.5	YY (61)	445.2500	19.2	4.4		14.8
10	193.2500	19.7	5.1		14.6	ZZ (62)	451.2500	19.3	5.0		14.3
11	199.2500	19.4	5.3		14.1	63	457.2500	19.3	4.9		14.4
12	205.2500	19.2	4.4		14.8	64	463.2500	19.3	4.9		14.4
13	211.2500	19.3	5.0		14.3	65	469.2500	19.3	5.0		14.3
J (23)	217.2500	19.1	4.6		14.5	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	19.5	5.3		14.2	67	481.2500	19.4	4.9		14.5
L (25)	229.2625	19.3	5.1		14.2	68	487.2500	19.2	4.7		14.5
M (26)	235.2625	19.6	5.3		14.3	69	493.2500	19.5	5.0		14.5
N (27)	241.2625	19.4	4.9		14.5	70	499.2500	19.4	5.2		14.2
O (28)	247.2625	19.3	5.1		14.2	71	505.2500	19.4	5.0		14.4
P (29)	253.2625	19.3	4.5		14.8	72	511.2500	19.5	4.8		14.7
Q (30)	259.2625	19.3	5.0		14.3	73	517.2500	19.2	4.8		14.4
R (31)	265.2625	19.5	5.1		14.4	74	523.2500	19.4	5.0		14.4
S (32)	271.2625	19.3	5.1		14.2	75	529.2500	19.3	4.8		14.5
T (33)	277.2625	19.6	4.7		14.9	76	535.2500	19.2	5.1		14.1
U (34)	283.2625	19.3	5.0		14.3	77	541.2500	19.5	4.9		14.6
V (35)	289.2625	19.5	5.5		14	78	547.2500	19.2	4.5		14.7
W (36)	295.2625	19.4	4.9		14.5	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	19.5	5.1		14.4	80	559.2500	19.6	5.2		14.4
BB (38)	307.2625	19.2	4.6		14.6	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	19.7	4.8		14.9						

Min Channel	:	J(23)	19.1
Max Channel	:	10	19.7
Peak to Valley	:	0.6	

TIME WARNER CABLE - SYRACUSE DIVISION

**Visual / Aural Level Difference Test
(at Headend)**

System Name : Syracuse Meter / Serial Number : 8591C/3649A01838
 HE Location : Syracuse-Fulton Performed By : Don Palmer
 Date : 08/09/2006 Time : 12:53:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	19.4	4.7		14.7	DD (40)	319.2625	19.3	4.8		14.5
3	61.2500	19.3	5.0		14.3	EE (41)	325.2625	19.3	5.1		14.2
4	67.2500	19.5	5.2		14.3	FF (42)	331.2750	19.4	5.2		14.2
5	77.2500	19.6	4.8		14.8	GG (43)	337.2625	19.4	4.8		14.6
6	83.2500	19.5	5.0		14.5	HH (44)	343.2625	19.3	5.1		14.2
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	19.2	4.9		14.3
A-4 (96)	97.2500	19.6	5.3		14.3	JJ (46)	355.2625	19.3	5.3		14
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	19.6	5.1		14.5
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	19.3	4.6		14.7
A-1 (99)	115.2750	19.3	4.7		14.6	MM (49)	373.2625	19.3	4.7		14.6
A (14)	121.2625	19.7	5.6		14.1	NN (50)	379.2625	19.4	5.0		14.4
B (15)	127.2625	19.4	4.9		14.5	OO (51)	385.2625	19.3	5.0		14.3
C (16)	133.2625	19.5	5.2		14.3	PP (52)	391.2625	19.1	5.0		14.1
D (17)	139.2500	19.2	5.2		14	QQ (53)	397.2625	19.2	4.7		14.5
E (18)	145.2500	19.6	5.3		14.3	RR (54)	403.2500	19.2	4.9		14.3
F (19)	151.3210	19.4	5.1		14.3	SS (55)	409.2500	19.3	4.7		14.6
G (20)	157.2500	19.5	5.0		14.5	TT (56)	415.2500	19.4	5.2		14.2
H (21)	163.2500	19.3	4.7		14.6	UU (57)	421.2500	19.2	4.8		14.4
I (22)	169.2500	19.4	5.0		14.4	VV (58)	427.2500	19.4	5.3		14.1
7	175.2500	19.2	5.0		14.2	WW (59)	433.2500	19.2	4.7		14.5
8	181.2500	19.4	5.2		14.2	XX (60)	439.2500	19.3	4.9		14.4
9	187.2500	19.3	4.8		14.5	YY (61)	445.2500	19.2	4.7		14.5
10	193.2500	19.3	4.7		14.6	ZZ (62)	451.2500	19.4	5.0		14.4
11	199.2500	19.6	5.3		14.3	63	457.2500	19.3	5.3		14
12	205.2500	19.4	4.6		14.8	64	463.2500	19.7	5.3		14.4
13	211.2500	19.2	4.8		14.4	65	469.2500	19.3	5.0		14.3
J (23)	217.2500	19.2	4.9		14.3	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	19.2	5.0		14.2	67	481.2500	19.4	5.1		14.3
L (25)	229.2625	19.3	5.1		14.2	68	487.2500	19.3	4.8		14.5
M (26)	235.2625	19.2	4.8		14.4	69	493.2500	19.5	5.0		14.5
N (27)	241.2625	19.5	5.0		14.5	70	499.2500	19.6	5.4		14.2
O (28)	247.2625	19.3	5.1		14.2	71	505.2500	19.3	4.9		14.4
P (29)	253.2625	19.3	5.1		14.2	72	511.2500	19.5	4.8		14.7
Q (30)	259.2625	19.5	4.9		14.6	73	517.2500	19.3	4.9		14.4
R (31)	265.2625	19.5	5.0		14.5	74	523.2500	19.5	5.3		14.2
S (32)	271.2625	19.3	5.1		14.2	75	529.2500	19.4	5.2		14.2
T (33)	277.2625	19.4	5.1		14.3	76	535.2500	19.2	5.1		14.1
U (34)	283.2625	19.3	5.0		14.3	77	541.2500	19.5	4.7		14.8
V (35)	289.2625	19.5	4.9		14.6	78	547.2500	19.4	4.8		14.6
W (36)	295.2625	19.4	4.9		14.5	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	19.5	5.1		14.4	80	559.2500	19.3	5.0		14.3
BB (38)	307.2625	19.2	5.0		14.2	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	19.2	4.9		14.3						

Min Channel	:	PP(52)	19.1
Max Channel	:	A(14)>	19.7
Peak to Valley	:	0.6	

PAGE 11 C

TIME WARNER CABLE - SYRACUSE DIVISION**Visual / Aural Level Difference Test
(at Headend)**

System Name : Syracuse Meter / Serial Number : 8591C/3649A01838
 HE Location : Syracuse-Oswego Performed By : Don Palmer
 Date : 08/09/2006 Time : 01:13:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	19.7	5.7		14	DD (40)	319.2625	19.3	4.8		14.5
3	61.2500	19.2	4.9		14.3	EE (41)	325.2625	19.2	4.9		14.3
4	67.2500	19.3	5.1		14.2	FF (42)	331.2750	19.3	5.1		14.2
5	77.2500	19.2	5.0		14.2	GG (43)	337.2625	19.3	5.1		14.2
6	83.2500	19.2	4.6		14.6	HH (44)	343.2625	19.3	5.1		14.2
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	19.2	4.9		14.3
A-4 (96)	97.2500	19.5	4.8		14.7	JJ (46)	355.2625	19.3	4.7		14.6
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	19.7	5.2		14.5
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	19.3	4.8		14.5
A-1 (99)	115.2750	19.2	5.2		14	MM (49)	373.2625	19.3	5.3		14
A (14)	121.2625	19.3	4.4		14.9	NN (50)	379.2625	19.3	5.0		14.3
B (15)	127.2625	19.4	4.9		14.5	OO (51)	385.2625	19.3	5.0		14.3
C (16)	133.2625	19.3	5.0		14.3	PP (52)	391.2625	19.4	5.4		14
D (17)	139.2500	19.6	5.2		14.4	QQ (53)	397.2625	19.2	4.7		14.5
E (18)	145.2500	19.2	4.6		14.6	RR (54)	403.2500	19.3	4.7		14.6
F (19)	151.3210	19.1	4.8		14.3	SS (55)	409.2500	19.3	5.1		14.2
G (20)	157.2500	19.2	4.6		14.6	TT (56)	415.2500	19.5	5.2		14.3
H (21)	163.2500	19.3	4.7		14.6	UU (57)	421.2500	19.2	4.8		14.4
I (22)	169.2500	19.4	4.9		14.5	VV (58)	427.2500	19.1	4.7		14.4
7	175.2500	19.3	5.0		14.3	WW (59)	433.2500	19.6	4.8		14.8
8	181.2500	19.2	5.0		14.2	XX (60)	439.2500	19.3	4.9		14.4
9	187.2500	19.4	5.2		14.2	YY (61)	445.2500	19.4	4.9		14.5
10	193.2500	19.1	4.9		14.2	ZZ (62)	451.2500	19.4	5.1		14.3
11	199.2500	19.3	5.2		14.1	63	457.2500	19.4	5.3		14.1
12	205.2500	19.4	4.9		14.5	64	463.2500	19.3	4.9		14.4
13	211.2500	19.7	5.4		14.3	65	469.2500	19.6	5.3		14.3
J (23)	217.2500	19.4	5.3		14.1	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	19.2	4.9		14.3	67	481.2500	19.4	5.1		14.3
L (25)	229.2625	19.3	5.1		14.2	68	487.2500	19.2	4.7		14.5
M (26)	235.2625	19.3	4.9		14.4	69	493.2500	19.2	4.7		14.5
N (27)	241.2625	19.5	5.0		14.5	70	499.2500	19.2	5.2		14
O (28)	247.2625	19.1	4.4		14.7	71	505.2500	19.4	5.0		14.4
P (29)	253.2625	19.3	5.1		14.2	72	511.2500	19.5	4.8		14.7
Q (30)	259.2625	19.3	4.5		14.8	73	517.2500	19.4	5.0		14.4
R (31)	265.2625	19.3	4.9		14.4	74	523.2500	19.1	4.9		14.2
S (32)	271.2625	19.3	5.1		14.2	75	529.2500	19.3	5.1		14.2
T (33)	277.2625	19.4	4.5		14.9	76	535.2500	19.2	4.6		14.6
U (34)	283.2625	19.3	5.0		14.3	77	541.2500	19.2	4.6		14.6
V (35)	289.2625	19.5	5.4		14.1	78	547.2500	19.6	4.9		14.7
W (36)	295.2625	19.6	5.1		14.5	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	19.5	5.1		14.4	80	559.2500	19.1	4.8		14.3
BB (38)	307.2625	19.2	5.0		14.2	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	19.2	5.0		14.2						

Min Channel	:	F(19)	19.1
Max Channel	:	2	19.7
Peak to Valley	:	0.6	

TESTPOINT 1, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 1
Hub Name : Cuyler
Location : Pompey Center Rd.
Map Number : 383-5566
Pole Number : 201
D.T. Value : 23-2
OR Number : 382
GNA Cascade : Node + 8
LE Cascade :

TESTPOINT 1, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Pompey Center Rd.
Date : 08/09/2006 Time : 09:02:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	10.64	-2.25		12.89	DD (40)	319.2625	12.98	-2.10		15.08
3	61.2500	12.31	-1.88		14.19	EE (41)	325.2625	12.93	-1.97		14.9
4	67.2500	12.80	-2.06		14.86	FF (42)	331.2750	12.54	-2.18		14.72
5	77.2500	12.34	-3.38		15.72	GG (43)	337.2625	12.21	-2.32		14.53
6	83.2500	11.69	-2.91		14.6	HH (44)	343.2625	12.88	-1.81		14.69
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	12.80	-1.60		14.4
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	12.82	-2.53		15.35
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	12.86	-2.46		15.32
A-2 (98)	109.2750	10.60	-4.45		15.05	LL (48)	367.2625	12.79	-2.39		15.18
A-1 (99)	115.2750	9.82	-5.00		14.82	MM (49)	373.2625	12.53	-2.35		14.88
A (14)	121.2625	9.28	-6.05		15.33	NN (50)	379.2625	12.42	-2.56		14.98
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	12.27	-2.19		14.46
C (16)	133.2625	7.23	-5.57		12.8	PP (52)	391.2625	12.17	-2.34		14.51
D (17)	139.2500	8.52	-6.06		14.58	QQ (53)	397.2625	12.07	-2.34		14.41
E (18)	145.2500	8.64	-6.16		14.8	RR (54)	403.2500	12.36	-2.54		14.9
F (19)	151.3210	10.16	-3.95		14.11	SS (55)	409.2500	12.27	-2.84		15.11
G (20)	157.2500	9.11	-5.93		15.04	TT (56)	415.2500	12.05	-3.07		15.12
H (21)	163.2500	9.01	-5.88		14.89	UU (57)	421.2500	12.14	-2.62		14.76
I (22)	169.2500	9.43	-4.40		13.83	VV (58)	427.2500	12.10	-2.29		14.39
7	175.2500	9.88	-3.92		13.8	WW (59)	433.2500	12.18	-2.83		15.01
8	181.2500	10.19	-3.99		14.18	XX (60)	439.2500	12.41	-2.02		14.43
9	187.2500	10.50	-4.09		14.59	YY (61)	445.2500	12.92	-1.30		14.22
10	193.2500	10.92	-4.21		15.13	ZZ (62)	451.2500	13.50	-0.55		14.05
11	199.2500	11.16	-4.82		15.98	63	457.2500	14.36	0.06		14.3
12	205.2500	11.33	-2.77		14.1	64	463.2500	14.60	0.38		14.22
13	211.2500	11.14	-4.76		15.9	65	469.2500	14.96	0.64		14.32
J (23)	217.2500	10.85	-3.24		14.09	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	11.11	-3.35		14.46	67	481.2500	15.44	0.83		14.61
L (25)	229.2625	11.31	-2.83		14.14	68	487.2500	15.71	0.86		14.85
M (26)	235.2625	11.77	-2.62		14.39	69	493.2500	15.63	1.59		14.04
N (27)	241.2625	11.95	-2.14		14.09	70	499.2500	16.25	2.01		14.24
O (28)	247.2625	12.74	-1.57		14.31	71	505.2500	16.47	2.41		14.06
P (29)	253.2625	13.29	-1.24		14.53	72	511.2500	16.86	2.37		14.49
Q (30)	259.2625	13.39	-1.19		14.58	73	517.2500	17.70	3.27		14.43
R (31)	265.2625	13.27	-1.32		14.59	74	523.2500	17.68	2.41		15.27
S (32)	271.2625	13.32	-1.14		14.46	75	529.2500	17.37	2.77		14.6
T (33)	277.2625	13.17	-1.40		14.57	76	535.2500	16.79	2.46		14.33
U (34)	283.2625	13.14	-1.66		14.8	77	541.2500	16.92	1.80		15.12
V (35)	289.2625	13.30	-1.85		15.15	78	547.2500	16.44	0.99		15.45
W (36)	295.2625	13.47	-1.07		14.54	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.35	-1.28		14.63	80	559.2500	12.34	1.30		11.04
BB (38)	307.2625	13.55	-1.96		15.51	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.01	-1.01		14.02						

Min Channel	:	C(16)	7.230
Max Channel	:	73	17.700
Peak to Valley	:	10.47	

TESTPOINT 1, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Don Palmer
Location : Pompey Center Rd.

Date : 8/16/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
-4	0.2	47.3	66.1	75.4	0.7
16	0.4	47.3	70.9	74.9	
21	0.2	47.4	76.0	75.5	
13	0.2	47.0	64.6	75.2	
36	0.1	47.4	63.7	69.0	
41	0.2	47.3	63.5	70.2	
44	0.2	47.0	64.2	69.8	
56	0.2	47.3	72.3	73.8	
73	0.1	47.3	71.0	72.3	

TESTPOINT 1, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/16/2006

Performed By : Don Palmer

Location : Pompey Center Rd..

(SEE THE ATTACHED SWEEP TRACES)

05:38:16 AUG 16, 2006

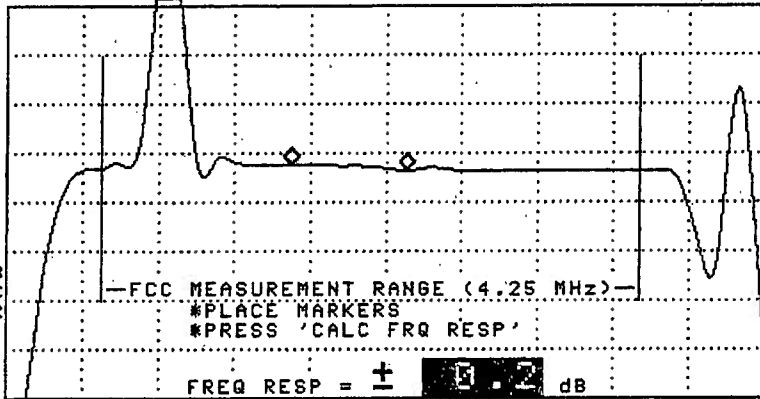
CHANNEL (STD)
REF 4.6 dBmV #AT 0 dB

MKR 69.165 MHz
-8.83 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 66.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 72.000 MHz SWP 20.0 msec



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

05:39:12 AUG 16, 2006

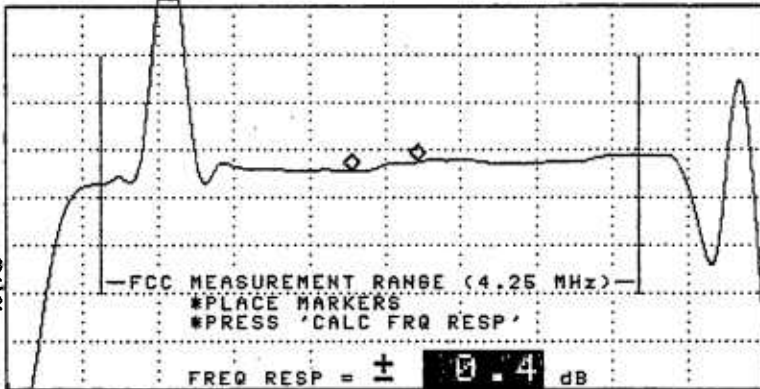
CHANNEL (STD)
REF -1.5 dBmV #AT 0 dB

MKR 134.730 MHz
-14.29 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 132.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 138.000 MHz SWP 20.0 msec



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

05:40:24 AUG 16, 2006

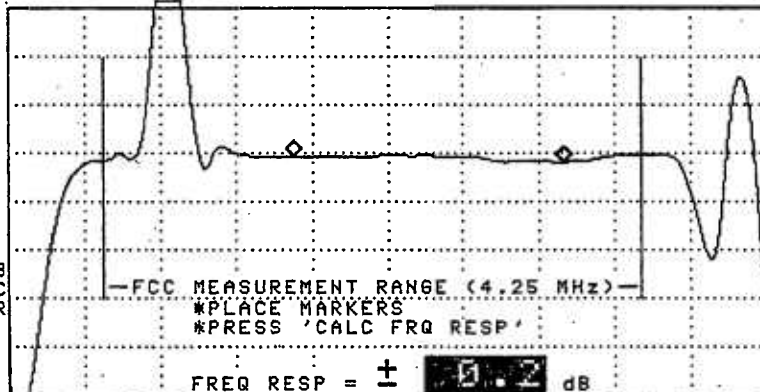
CHANNEL (STD)
REF 1.6 dBmV #AT 0 dB

MKR 166.395 MHz
-11.12 dBmV MARKER 1

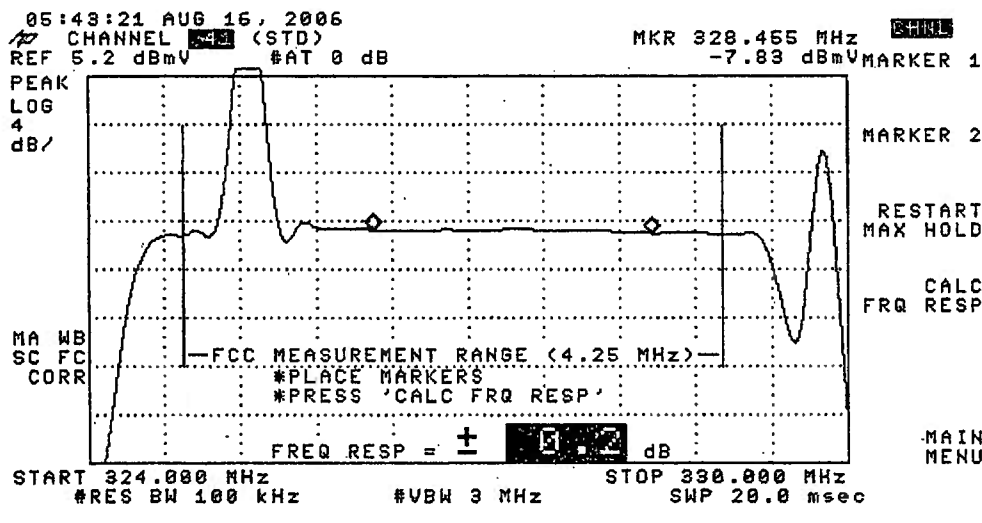
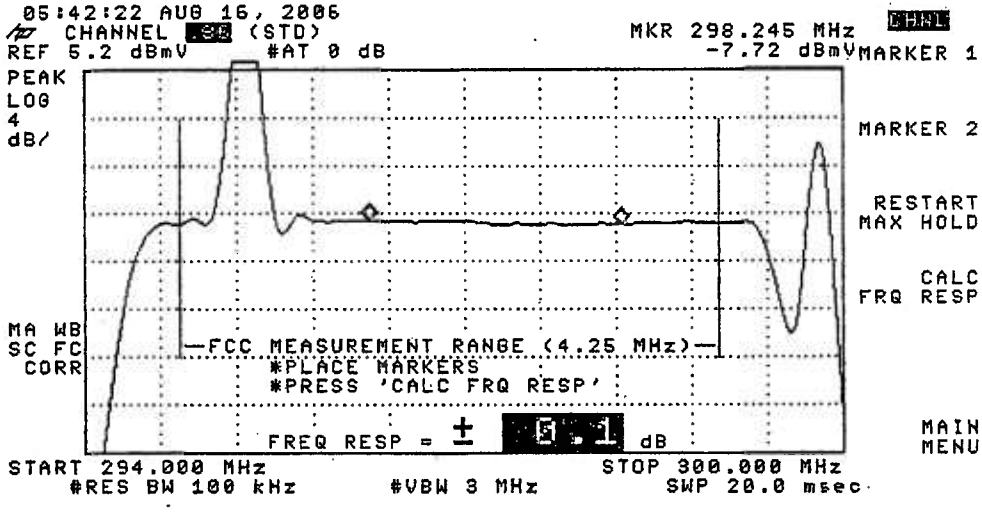
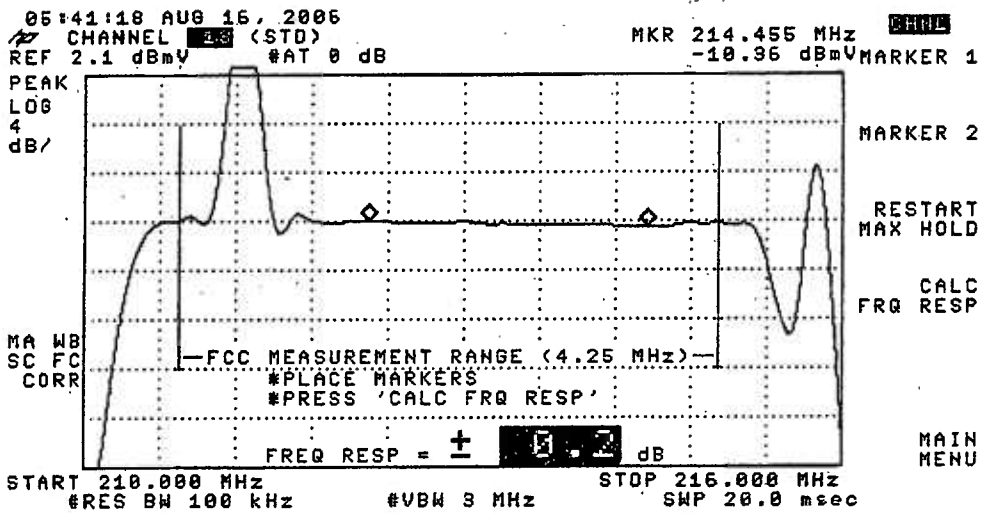
PEAK
LOG
4
dB/

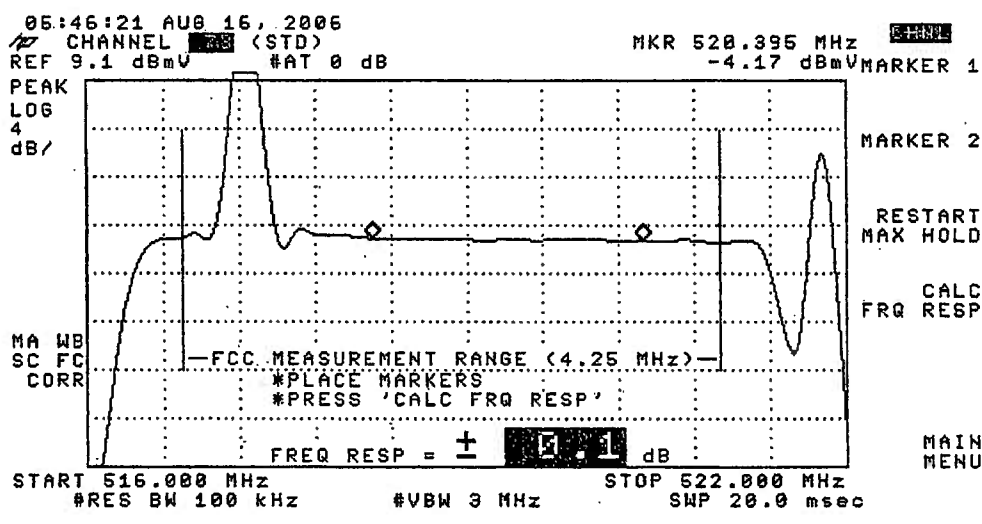
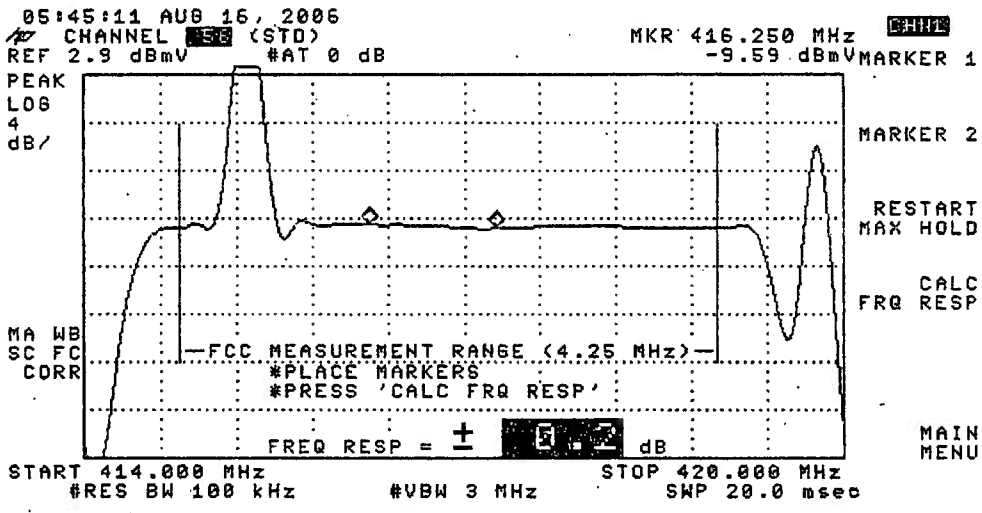
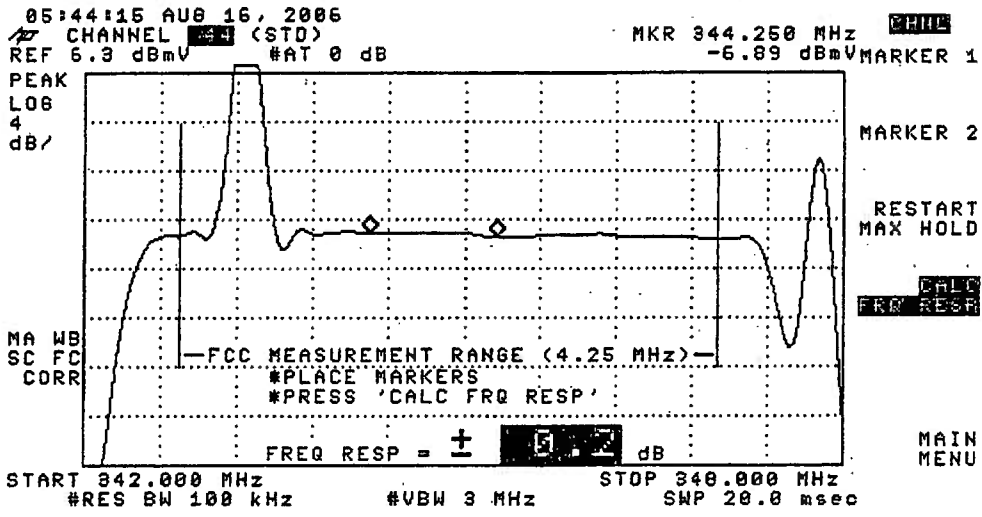
MA WB
SC FC
CORR

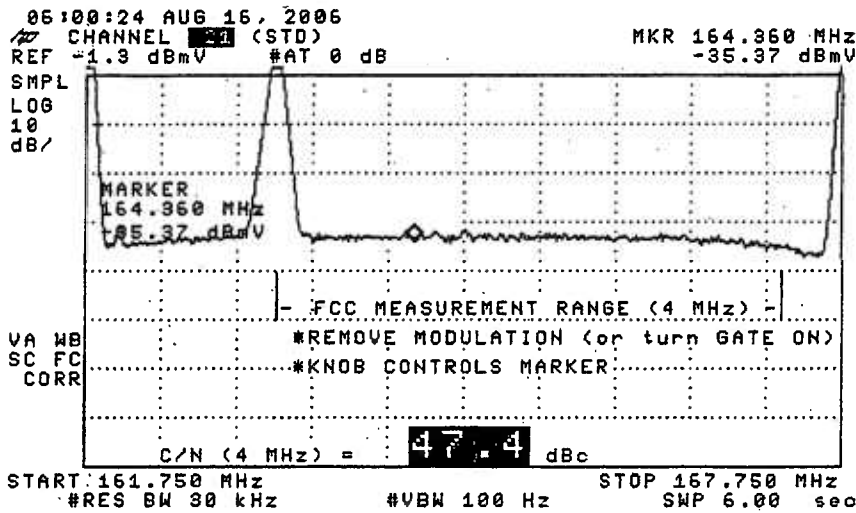
START 162.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 168.000 MHz SWP 20.0 msec



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU





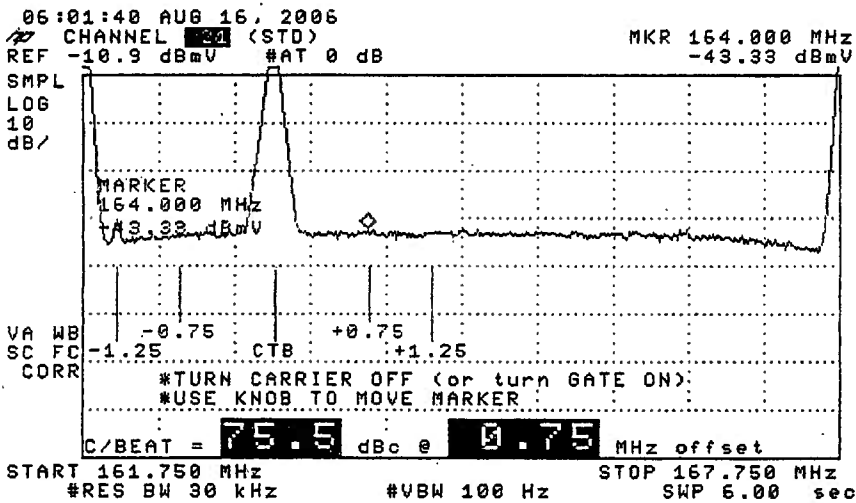


CHNL
 GATE ON OFF
 AVERAGE ON OFF

MORE INFO

More

MAIN MENU



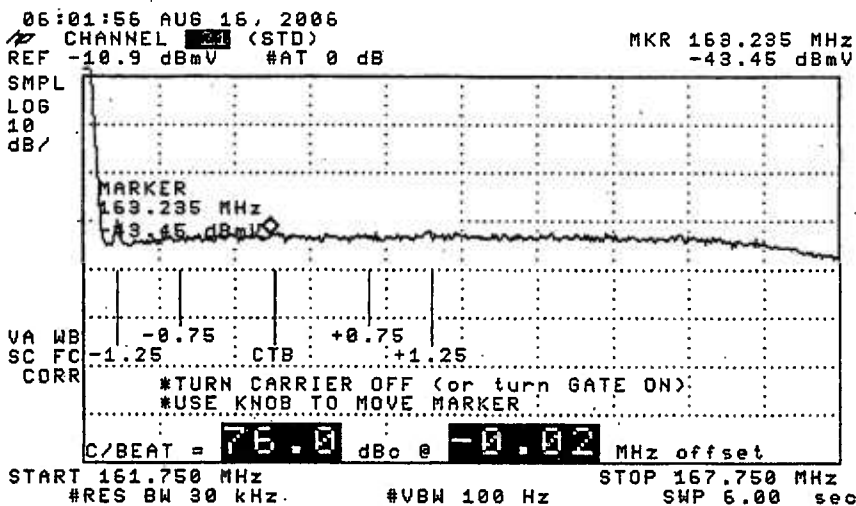
CHNL
 GATE ON OFF
 AVERAGE ON OFF

ZOOM & MEASURE

Gated CTB

More

MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF

ZOOM & MEASURE

Gated CTB

More

MAIN MENU

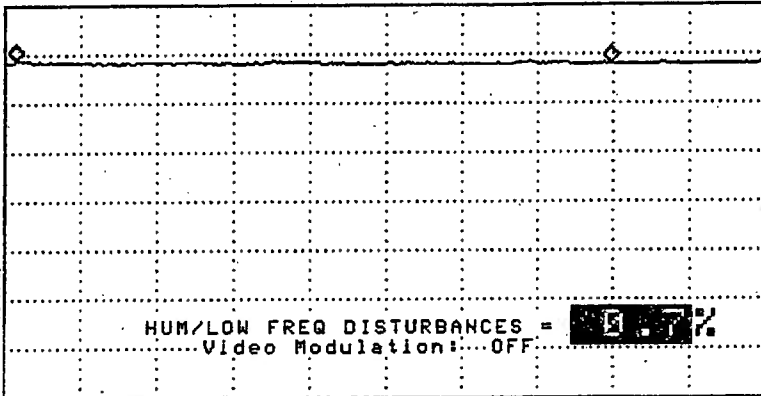
06:37:11 AUG 16, 2006
CHANNEL [REDACTED] (STD)
REF 14.4 dBmV #AT 0 dB

MKR Δ 39.125 msec
- .09 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.240 MHz STOP 67.240 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec

TESTPOINT 1, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Pompey Center Rd.
 Date : 08/09/2006 Performed By : Don Singleton
 Meter Serial Number : 223241

		TEMP F						TEMP F					
		61.00	75.00	62.00	59.00			61.00	75.00	62.00	59.00		
		TIME						TIME					
		09:02:00	15:00:00	21:03:00	02:51:00			09:02:00	15:00:00	21:03:00	02:51:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	10.64	10.40	10.29	11.03	0.74	DD(40)	319.2625	12.98	12.95	12.75	13.68	0.93
3	61.2500	12.31	12.18	11.90	12.73	0.83	EE(41)	325.2625	12.93	13.03	12.79	13.58	0.79
4	67.2500	12.80	12.64	12.42	13.18	0.76	FF(42)	331.2750	12.54	12.71	12.45	13.49	1.04
5	77.2500	12.34	12.09	12.03	12.73	0.7	GG(43)	337.2625	12.21	12.49	12.21	13.28	1.07
6	83.2500	11.69	11.55	11.38	12.07	0.69	HH(44)	343.2625	12.88	12.94	13.04	13.98	1.1
A-5(95)	91.2500						II(45)	349.2625	12.80	12.99	12.69	13.96	1.27
A-4(96)	97.2500						JJ(46)	355.2625	12.82	12.83	12.52	13.84	1.32
A-3(97)	103.2500						KK(47)	361.2625	12.86	12.65	12.40	13.71	1.31
A-2(98)	109.2750	10.60	10.63	10.51	11.16	0.65	LL(48)	367.2625	12.79	12.36	12.14	13.48	1.34
A-1(99)	115.3750	9.82	9.70	9.72	10.46	0.76	MM(49)	373.2625	12.53	12.19	11.85	13.20	1.35
A(14)	121.2625	9.28	9.09	8.98	9.64	0.66	NN(50)	379.2625	12.42	11.99	11.62	12.99	1.37
B(15)	127.2625						OO(51)	385.2625	12.27	11.78	11.53	12.93	1.4
C(16)	133.2625	7.23	6.74	6.21	6.90	1.02	PP(52)	391.2625	12.17	11.76	11.50	12.80	1.3
D(17)	139.2500	8.52	7.98	7.66	8.55	0.89	QQ(53)	397.2625	12.07	11.63	11.37	12.69	1.32
E(18)	145.2500	8.64	8.27	8.22	9.09	0.87	RR(54)	403.2500	12.36	11.98	11.79	13.14	1.35
F(19)	151.3210	10.16	10.22	10.12	11.02	0.9	SS(55)	409.2500	12.27	11.71	11.69	12.97	1.28
G(20)	157.2500	9.11	9.44	9.21	10.08	0.97	TT(56)	415.2500	12.05	11.57	11.66	12.63	1.06
H(21)	163.2500	9.01	9.41	9.16	10.00	0.99	UU(57)	421.2500	12.14	11.68	11.74	12.71	1.03
I(22)	169.2500	9.43	9.77	9.49	10.29	0.86	VV(58)	427.2500	12.10	11.49	11.81	12.76	1.27
7	175.2500	9.88	10.27	9.76	10.52	0.76	WW(59)	433.2500	12.18	11.40	11.98	12.89	1.49
8	181.2500	10.19	10.70	10.23	10.85	0.66	XX(60)	439.2500	12.41	11.60	12.39	13.21	1.61
9	187.2500	10.50	10.65	10.37	11.10	0.73	YY(61)	445.2500	12.92	12.10	12.99	13.87	1.77
10	193.2500	10.92	10.93	10.77	11.54	0.77	ZZ(62)	451.2500	13.50	12.72	13.59	14.50	1.78
11	199.2500	11.16	11.12	11.06	11.79	0.73	63	457.2500	14.36	13.49	14.47	15.39	1.9
12	205.2500	11.33	11.30	11.23	11.91	0.68	64	463.2500	14.60	13.67	14.56	15.33	1.66
13	211.2500	11.14	11.23	10.62	11.55	0.93	65	469.2500	14.96	14.11	14.98	15.63	1.52
J(23)	217.2500	10.85	10.73	10.25	11.26	1.01	66	475.2500					
K(24)	223.2500	11.11	10.68	10.50	11.43	0.93	67	481.2500	15.44	14.48	15.03	15.58	1.1
L(25)	229.2625	11.31	10.95	10.84	11.69	0.85	68	487.2500	15.71	14.57	15.02	15.89	1.32
M(26)	235.2625	11.77	11.51	11.18	12.06	0.88	69	493.2500	15.63	14.52	14.82	16.00	1.48
N(27)	241.2625	11.95	11.79	11.61	12.40	0.79	70	499.2500	16.25	14.94	15.41	16.89	1.95
O(28)	247.2625	12.74	12.63	12.48	13.23	0.75	71	505.2500	16.47	15.14	15.62	17.04	1.9
P(29)	253.2625	13.29	13.19	12.94	13.84	0.9	72	511.2500	16.86	15.47	15.83	17.25	1.78
Q(30)	259.2625	13.39	13.32	13.03	14.11	1.08	73	517.2500	17.70	16.14	16.47	17.86	1.72
R(31)	265.2625	13.27	13.20	12.85	14.11	1.26	74	523.2500	17.68	16.49	16.74	18.17	1.68
S(32)	271.2625	13.32	13.15	12.89	13.91	1.02	75	529.2500	17.37	16.27	16.60	18.08	1.81
T(33)	277.2625	13.17	13.04	12.78	13.83	1.05	76	535.2500	16.79	16.43	16.59	18.02	1.59
U(34)	283.2625	13.14	12.99	12.82	13.94	1.12	77	541.2500	16.92	16.75	16.72	18.19	1.47
V(35)	289.2625	13.30	13.11	12.98	14.02	1.04	78	547.2500	16.44	16.48	16.34	17.80	1.46
W(36)	295.2625	13.47	13.21	13.12	14.18	1.06	79	553.2500					
AA(37)	301.2625	13.35	13.15	13.09	14.06	0.97	80	559.2500	12.34	11.79	12.37	14.36	2.57
BB(38)	307.2625	13.55	13.33	13.37	14.33	1	81	565.2500					
CC(39)	313.2625	13.01	12.91	12.74	13.79	1.05							

Max Non Adjacent Channel Level Diff :- 11.29
 Max Adjacent Channel Level Diff :- 1.95
 Max Variance from last proof of performance test :- 4.92
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 2, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 2
Hub Name : OTN
Location : Tully Rd (North Rd)
Map Number : 383-5566
Pole Number : 201
D.T. Value : 17-4
OR Number : 174
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 2, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Tully Rd (North Rd)
Date : 08/09/2006 Time : 09:32:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	12.25	-0.89		13.14	DD (40)	319.2625	12.45	-1.85		14.3
3	61.2500	13.93	-0.76		14.69	EE (41)	325.2625	12.80	-1.43		14.23
4	67.2500	14.04	-0.94		14.98	FF (42)	331.2750	13.01	-1.36		14.37
5	77.2500	12.79	-2.89		15.68	GG (43)	337.2625	13.20	-1.57		14.77
6	83.2500	12.43	-2.01		14.44	HH (44)	343.2625	13.22	-1.12		14.34
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	13.55	-1.60		15.15
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	13.54	-1.71		15.25
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	13.66	-1.39		15.05
A-2 (98)	109.2750	12.92	-1.75		14.67	LL (48)	367.2625	13.62	-1.44		15.06
A-1 (99)	115.2750	12.74	-1.63		14.37	MM (49)	373.2625	13.31	-1.84		15.15
A (14)	121.2625	13.06	-1.39		14.45	NN (50)	379.2625	12.80	-1.91		14.71
B (15)	127.2625	12.63	-1.63		14.26	OO (51)	385.2625	12.68	-1.98		14.66
C (16)	133.2625	13.20	-1.13		14.33	PP (52)	391.2625	12.72	-1.96		14.68
D (17)	139.2500	12.75	-1.72		14.47	QQ (53)	397.2625	12.88	-2.16		15.04
B (18)	145.2500	12.80	-2.23		15.03	RR (54)	403.2500	12.96	-2.05		15.01
F (19)	151.3210	14.77	0.63		14.14	SS (55)	409.2500	12.74	-2.43		15.17
G (20)	157.2500	13.96	-1.08		15.04	TT (56)	415.2500	12.56	-2.73		15.29
H (21)	163.2500	14.40	-0.81		15.21	UU (57)	421.2500	12.25	-2.57		14.82
I (22)	169.2500	14.04	-0.68		14.72	VV (58)	427.2500	12.13	-2.26		14.39
7	175.2500	13.59	-1.11		14.7	WW (59)	433.2500	12.23	-2.93		15.16
8	181.2500	12.63	-1.72		14.35	XX (60)	439.2500	12.53	-2.37		14.9
9	187.2500	12.31	-3.11		15.42	YY (61)	445.2500	12.63	-2.74		15.37
10	193.2500	11.68	-3.74		15.42	ZZ (62)	451.2500	12.43	-2.35		14.78
11	199.2500	11.70	-4.23		15.93	63	457.2500	12.39	-1.89		14.28
12	205.2500	11.50	-3.07		14.57	64	463.2500	12.28	-2.29		14.57
13	211.2500	10.86	-4.87		15.73	65	469.2500	12.39	-2.29		14.68
J (23)	217.2500	10.88	-3.49		14.37	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	10.84	-3.33		14.17	67	481.2500	12.58	-2.78		15.36
L (25)	229.2625	11.05	-3.39		14.44	68	487.2500	12.55	-2.11		14.66
M (26)	235.2625	10.89	-3.84		14.73	69	493.2500	13.34	-1.55		14.89
N (27)	241.2625	10.68	-4.02		14.7	70	499.2500	13.65	-0.84		14.49
O (28)	247.2625	10.95	-3.87		14.82	71	505.2500	13.75	-1.11		14.86
P (29)	253.2625	11.03	-3.73		14.76	72	511.2500	13.56	-0.88		14.44
Q (30)	259.2625	11.18	-3.34		14.52	73	517.2500	14.03	-0.22		14.25
R (31)	265.2625	11.40	-3.36		14.76	74	523.2500	13.81	-0.74		14.55
S (32)	271.2625	11.16	-3.07		14.23	75	529.2500	13.76	-0.45		14.21
T (33)	277.2625	11.17	-2.94		14.11	76	535.2500	13.57	-0.98		14.55
U (34)	283.2625	11.34	-2.79		14.13	77	541.2500	13.73	-1.21		14.94
V (35)	289.2625	12.00	-3.03		15.03	78	547.2500	13.55	-1.98		15.53
W (36)	295.2625	12.64	-2.09		14.73	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	12.75	-1.85		14.6	80	559.2500	13.39	-0.46		13.85
BB (38)	307.2625	12.80	-2.50		15.3	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	12.35	-1.68		14.03						

Min Channel	:	N(27)	10.680
Max Channel	:	F(19)	14.770
Peak to Valley	:	4.09	

TESTPOINT 2, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Don Palmer
Location : Tully Rd (North Rd)

Date : 8/16/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	47.1	66.0	77.0	0.5
16	0.0	47.9	66.2	74.9	
21	0.1	47.8	65.5	77.9	
13	0.2	47.3	64.4	75.9	
36	0.1	47.1	62.2	69.9	
41	0.1	47.1	61.7	69.9	
44	0.1	47.4	62.5	70.8	
56	0.4	47.4	63.2	70.9	
73	0.4	48.9	65.2	69.0	

TESTPOINT 2, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/16/2006

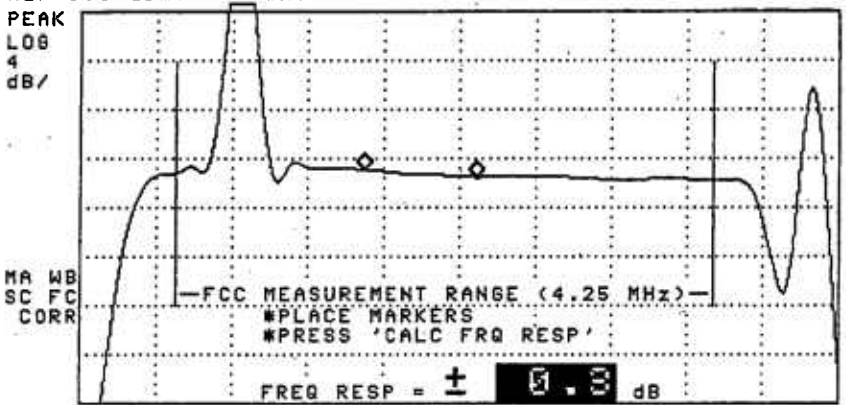
Performed By : Don Palmer

Location : Tully Rd (North Rd)

(SEE THE ATTACHED SWEEP TRACES)

04:09:21 AUG 16, 2006
CHANNEL 4 (STD)
REF 5.0 dBmV #AT 0 dB

MKR 69.185 MHz CHNL
-8.50 dBmV MARKER 1



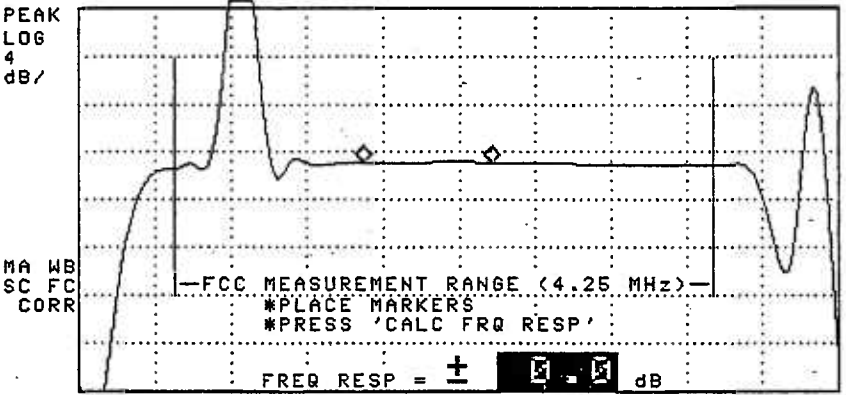
MARKER 2
RESTART MAX HOLD
CALC FRQ RESP

MAIN MENU

START 65.000 MHz STOP 72.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

04:13:59 AUG 16, 2006
CHANNEL 16 (STD)
REF 4.9 dBmV #AT 0 dB

MKR 134.250 MHz CHNL
-8.00 dBmV MARKER 1



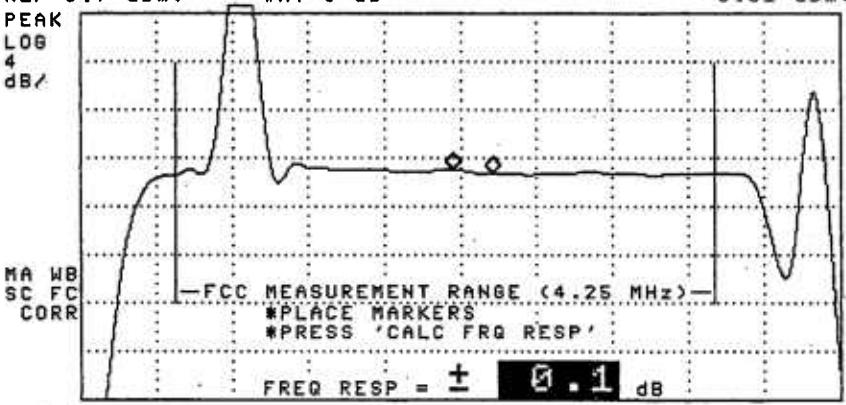
MARKER 2
RESTART MAX HOLD
CALC FRQ RESP

MAIN MENU

START 132.000 MHz STOP 138.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

04:14:55 AUG 16, 2006
CHANNEL 33 (STD)
REF 6.7 dBmV #AT 0 dB

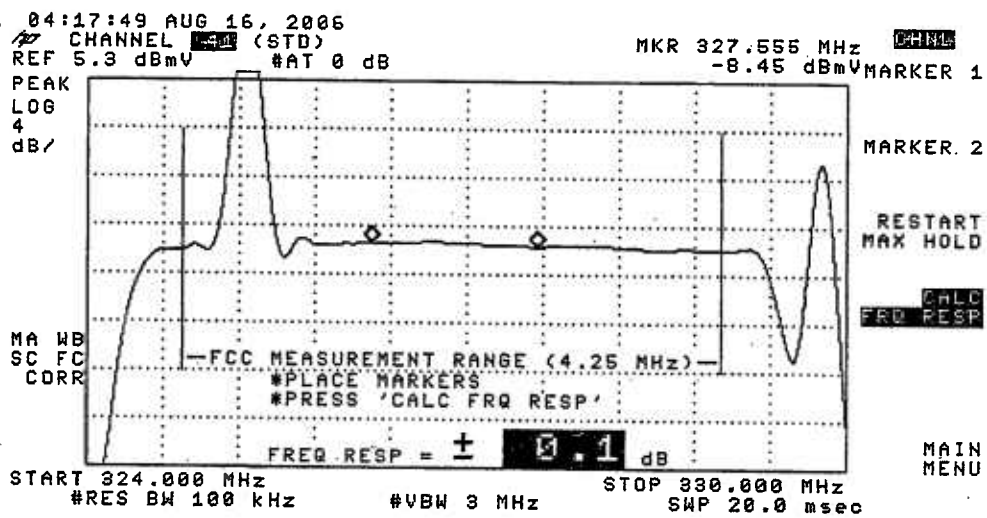
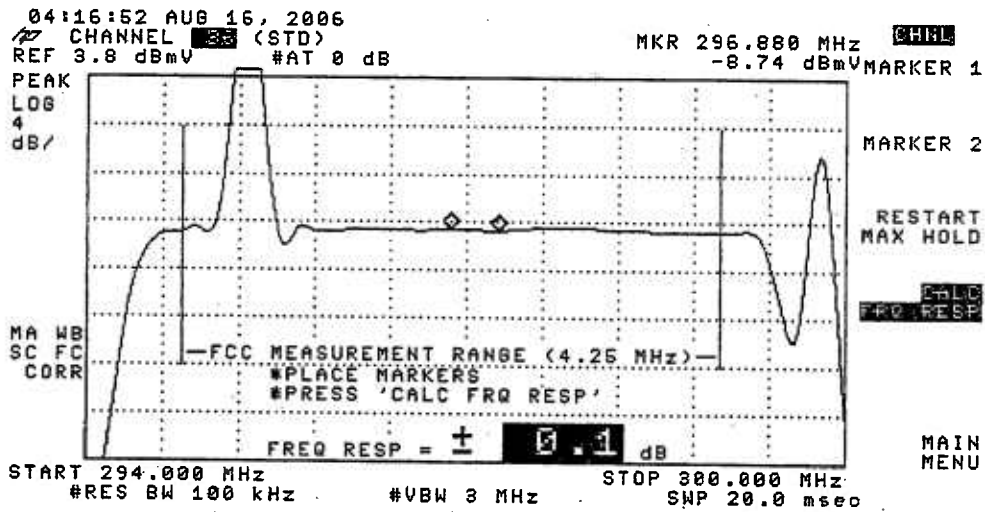
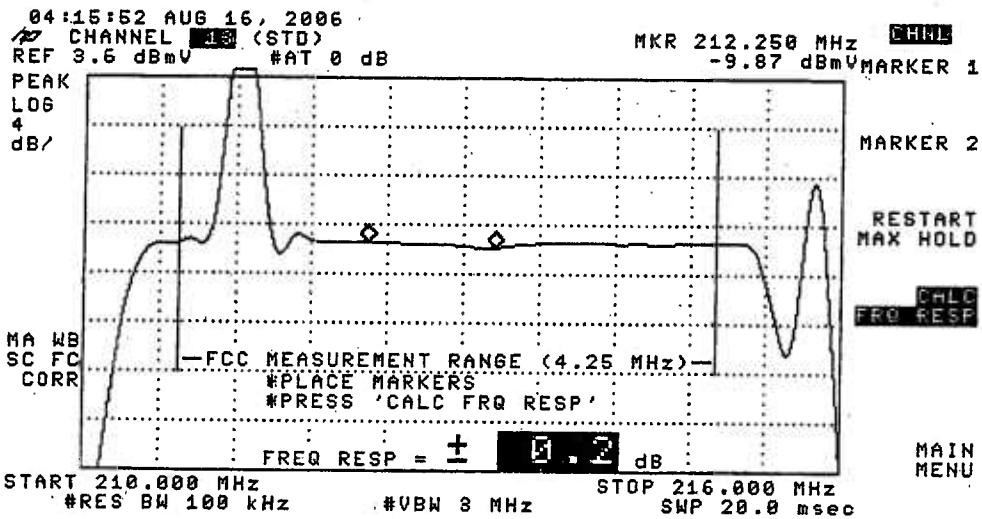
MKR 164.940 MHz CHNL
-6.81 dBmV MARKER 1



MARKER 2
RESTART MAX HOLD
CALC FRQ RESP

MAIN MENU

START 162.000 MHz STOP 168.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec



04:18:59 AUG 16, 2006
CHANNEL 55 (STD)
REF 4.8 dBmV #AT 0 dB

MKR 344.850 MHz
-7.74 dBmV MARKER 1

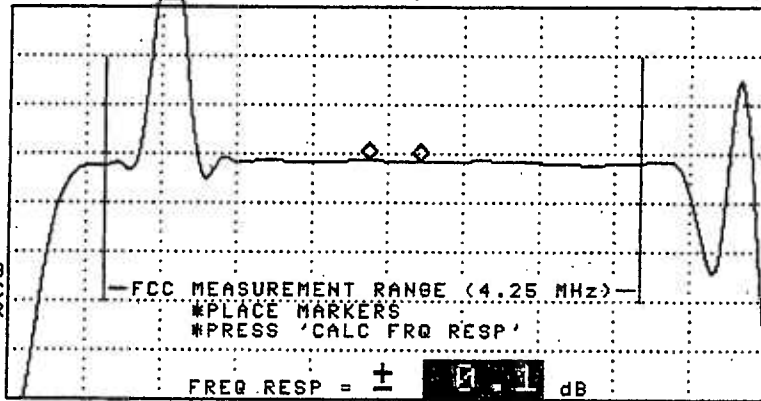
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 342.000 MHz
#RES BW 100 kHz

#VBW 3 MHz

STOP 348.000 MHz
SWP 20.0 msec



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

04:20:01 AUG 16, 2006
CHANNEL 55 (STD)
REF 4.4 dBmV #AT 0 dB

MKR 416.880 MHz
-8.91 dBmV MARKER 1

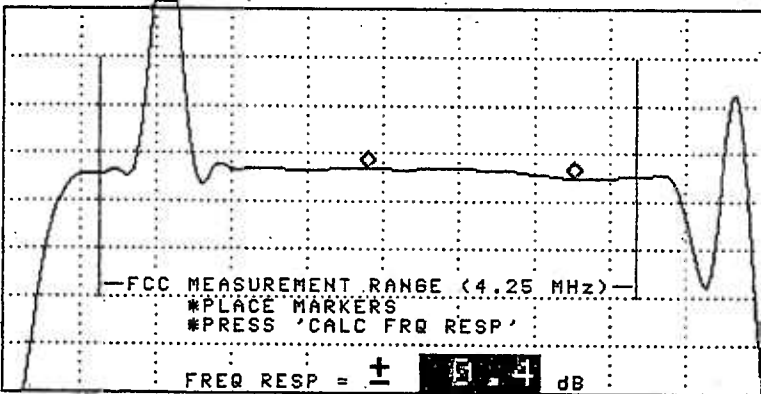
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 414.000 MHz
#RES BW 100 kHz

#VBW 3 MHz

STOP 420.000 MHz
SWP 20.0 msec



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

04:20:56 AUG 16, 2006
CHANNEL 55 (STD)
REF 3.8 dBmV #AT 0 dB

MKR 520.125 MHz
-9.11 dBmV MARKER 1

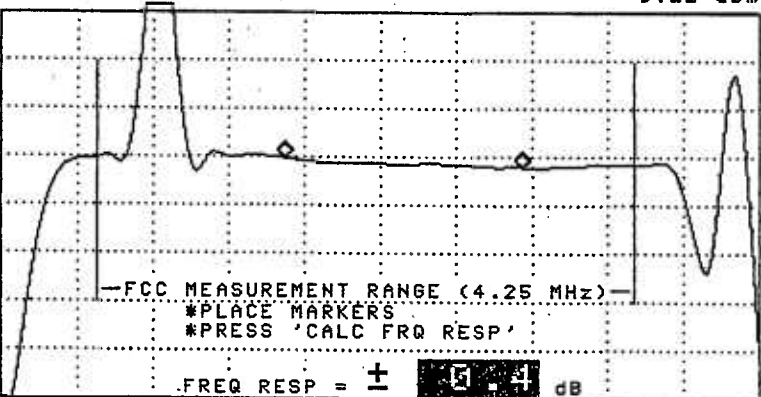
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 516.000 MHz
#RES BW 100 kHz

#VBW 3 MHz

STOP 522.000 MHz
SWP 20.0 msec

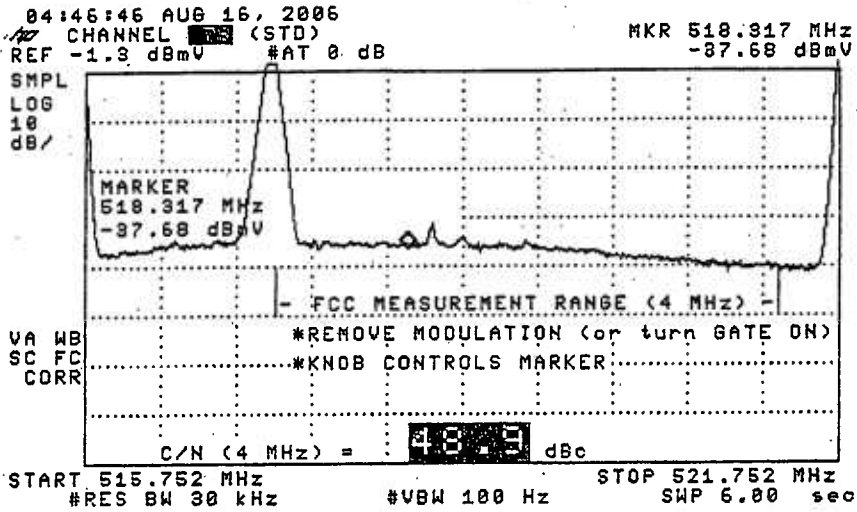


MARKER 2

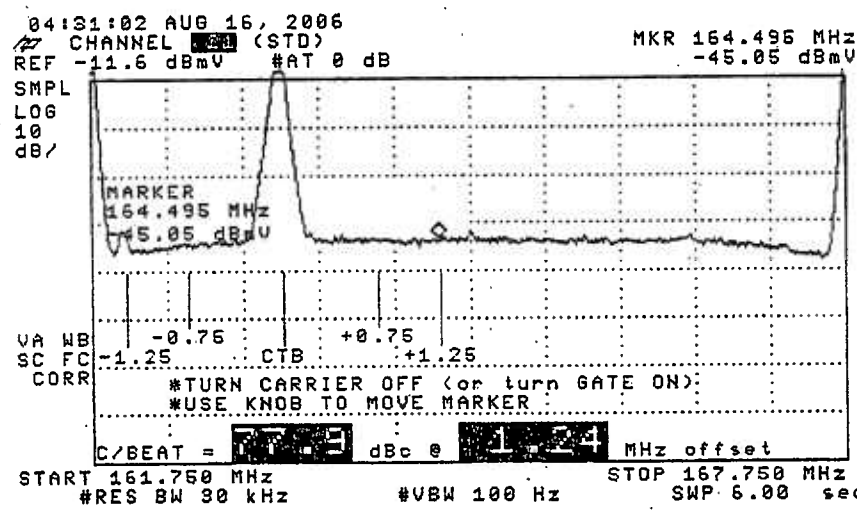
RESTART
MAX HOLD

CALC
FRQ RESP

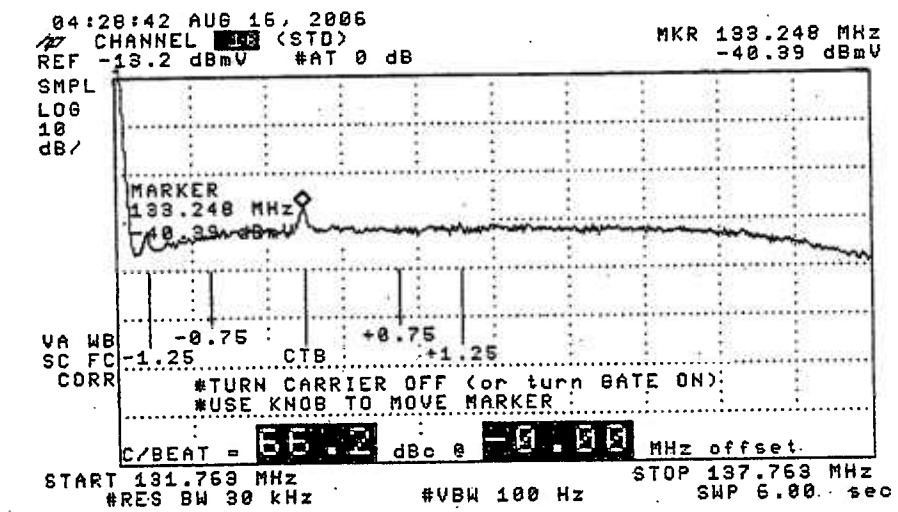
MAIN
MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

04:08:14 AUG 16, 2006

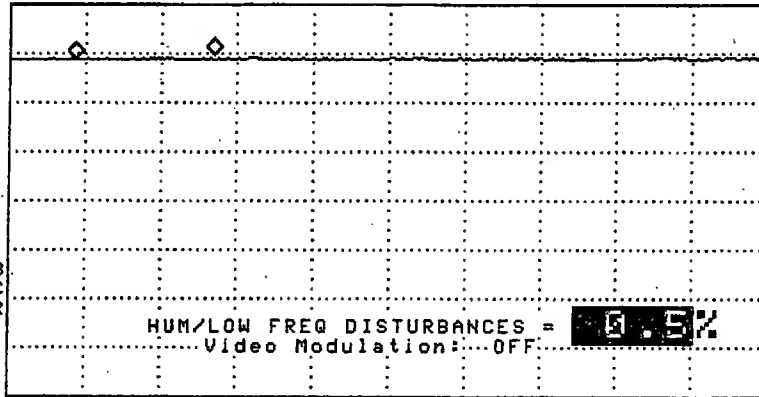
CHANNEL 4 (STD)
REF 15.1 dBmV #AT 0 dB

MKR Δ -9.1250 msec
-05 dB

CH12

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.248 MHz STOP 67.248 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec

TESTPOINT 2, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Tully Rd (North Rd)
 Date : 08/09/2006 Performed By : Don Singleton
 Meter Serial Number : 223241

		TEMP F						TEMP F					
		65.00	75.00	61.00	59.00			65.00	75.00	61.00	59.00		
		TIME						TIME					
		09:32:00	15:49:00	21:58:00	03:22:00			09:32:00	15:49:00	21:58:00	03:22:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	12.25	11.52	12.72	13.28	1.76	DD(40)	319.2625	12.45	12.05	12.61	13.01	0.96
3	61.2500	13.93	13.20	14.29	14.86	1.66	EE(41)	325.2625	12.80	12.50	12.94	13.45	0.95
4	67.2500	14.04	13.37	14.26	14.87	1.5	FF(42)	331.2750	13.01	12.65	13.21	13.69	1.04
5	77.2500	12.79	12.01	13.14	13.61	1.6	GG(43)	337.2625	13.20	12.82	13.57	13.91	1.09
6	83.2500	12.43	11.80	12.91	13.23	1.43	HH(44)	343.2625	13.22	12.78	13.59	13.94	1.16
A-5(95)	91.2500						II(45)	349.2625	13.55	13.13	13.82	14.26	1.13
A-4(96)	97.2500						JJ(46)	355.2625	13.54	13.10	13.87	14.22	1.12
A-3(97)	103.2500						KK(47)	361.2625	13.66	13.36	14.01	14.41	1.05
A-2(98)	109.2750	12.92	12.37	13.48	13.98	1.61	LL(48)	367.2625	13.62	13.34	13.98	14.40	1.06
A-1(99)	115.2750	12.74	12.10	13.22	13.54	1.44	MM(49)	373.2625	13.31	13.13	13.73	14.13	1
A(14)	121.2625	13.06	12.43	13.55	13.88	1.45	NN(50)	379.2625	12.80	12.77	13.27	13.63	0.86
B(15)	127.2625	12.63	12.18	13.04	13.43	1.25	OO(51)	385.2625	12.68	12.70	13.17	13.50	0.82
C(16)	133.2625	13.20	12.82	13.66	13.96	1.14	PP(52)	391.2625	12.72	12.75	13.25	13.51	0.79
D(17)	139.2500	12.75	12.24	13.11	13.43	1.19	QQ(53)	397.2625	12.88	12.88	13.32	13.63	0.75
E(18)	145.2500	12.80	12.19	13.13	13.37	1.18	RR(54)	403.2500	12.96	12.98	13.50	13.66	0.7
F(19)	151.3210	14.77	14.22	14.91	15.34	1.12	SS(55)	409.2500	12.74	12.65	13.22	13.41	0.76
G(20)	157.2500	13.96	13.43	14.32	14.68	1.25	TT(56)	415.2500	12.56	12.40	13.04	13.19	0.79
H(21)	163.2500	14.40	13.86	14.78	15.16	1.3	UU(57)	421.2500	12.25	12.11	12.71	12.86	0.75
I(22)	169.2500	14.04	13.56	14.43	14.82	1.26	VV(58)	427.2500	12.13	12.07	12.52	12.72	0.65
7	175.2500	13.59	13.07	13.91	14.33	1.26	WW(59)	433.2500	12.23	12.11	12.44	12.64	0.53
8	181.2500	12.63	12.06	12.98	13.42	1.36	XX(60)	439.2500	12.53	12.35	12.74	12.91	0.56
9	187.2500	12.31	11.71	12.52	13.07	1.36	YY(61)	445.2500	12.63	12.43	12.79	12.95	0.52
10	193.2500	11.68	11.18	12.02	12.43	1.25	ZZ(62)	451.2500	12.43	12.23	12.50	12.73	0.5
11	199.2500	11.70	10.97	11.76	12.51	1.54	63	457.2500	12.39	12.03	12.41	12.65	0.62
12	205.2500	11.50	10.83	11.66	12.47	1.64	64	463.2500	12.28	11.84	12.18	12.47	0.63
13	211.2500	10.86	10.36	11.08	11.73	1.37	65	469.2500	12.39	11.95	12.33	12.67	0.72
J(23)	217.2500	10.88	10.46	10.96	11.85	1.39	66	475.2500					
K(24)	223.2500	10.84	10.34	11.05	11.51	1.17	67	481.2500	12.58	12.17	12.52	12.96	0.79
L(25)	229.2625	11.05	10.49	11.15	11.77	1.28	68	487.2500	12.55	12.15	12.45	12.85	0.7
M(26)	235.2625	10.89	10.35	10.98	11.57	1.22	69	493.2500	13.34	13.01	12.97	13.20	0.37
N(27)	241.2625	10.68	10.25	10.95	11.43	1.18	70	499.2500	13.65	13.27	13.33	13.62	0.38
O(28)	247.2625	10.95	10.42	11.22	11.66	1.24	71	505.2500	13.75	13.34	13.45	13.83	0.49
F(29)	253.2625	11.03	10.63	11.38	11.86	1.23	72	511.2500	13.56	13.12	13.32	13.82	0.7
Q(30)	259.2625	11.18	10.73	11.41	11.87	1.14	73	517.2500	14.03	13.52	13.71	14.19	0.67
R(31)	265.2625	11.40	10.89	11.61	12.14	1.25	74	523.2500	13.81	13.27	13.58	13.96	0.69
S(32)	271.2625	11.16	10.79	11.39	11.88	1.09	75	529.2500	13.76	13.19	13.52	13.91	0.72
T(33)	277.2625	11.17	10.86	11.40	11.88	1.02	76	535.2500	13.57	13.14	13.43	13.70	0.56
U(34)	283.2625	11.34	11.03	11.61	12.01	0.98	77	541.2500	13.73	13.32	13.51	13.89	0.57
V(35)	289.2625	12.00	11.66	12.24	12.66	1	78	547.2500	13.55	13.11	13.34	13.62	0.51
W(36)	295.2625	12.64	12.33	12.94	13.36	1.03	79	553.2500					
AA(37)	301.2625	12.75	12.34	12.99	13.48	1.14	80	559.2500	13.39	13.06	13.20	13.50	0.44
BB(38)	307.2625	12.80	12.36	13.20	13.54	1.18	81	565.2500					
CC(39)	313.2625	12.35	11.74	12.57	13.00	1.26							

Max Non Adjacent Channel Level Diff :- 4.09
 Max Adjacent Channel Level Diff :- 2.03
 Max Variance from last proof of performance test :- 7.15
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 3, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 3
Hub Name : Geddes
Location : S. Orchard Rd.
Map Number : 317-5636
Pole Number : 6/6
D.T. Value : 14-2
OR Number : 1
GNA Cascade : Node + 4
LE Cascade :

TESTPOINT 3, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : S. Orchard Rd.
Date : 08/09/2006 Time : 10:03:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	12.52	-1.81		14.33	DD (40)	319.2625	11.65	-3.46		15.11
3	61.2500	13.00	-2.84		15.84	EE (41)	325.2625	11.86	-3.40		15.26
4	67.2500	12.00	-3.23		15.23	FF (42)	331.2750	11.49	-3.32		14.81
5	77.2500	10.77	-4.60		15.37	GG (43)	337.2625	11.48	-3.82		15.3
6	83.2500	10.88	-3.90		14.78	HH (44)	343.2625	11.45	-3.31		14.76
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	11.61	-3.29		14.9
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	11.81	-3.37		15.18
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	12.10	-3.10		15.2
A-2 (98)	109.2750	11.00	-3.47		14.47	LL (48)	367.2625	11.88	-2.77		14.65
A-1 (99)	115.2750	11.46	-3.13		14.59	MM (49)	373.2625	12.13	-3.10		15.23
A (14)	121.2625	11.45	-2.28		13.73	NN (50)	379.2625	11.55	-3.14		14.69
B (15)	127.2625	12.00	-3.40		15.4	OO (51)	385.2625	11.52	-3.05		14.57
C (16)	133.2625	12.40	-2.30		14.7	PP (52)	391.2625	11.03	-3.31		14.34
D (17)	139.2500	11.40	-2.46		13.86	QQ (53)	397.2625	11.40	-3.28		14.68
E (18)	145.2500	11.87	-3.76		15.63	RR (54)	403.2500	11.80	-3.11		14.91
F (19)	151.3210	13.24	-1.39		14.63	SS (55)	409.2500	11.21	-3.82		15.03
G (20)	157.2500	11.70	-3.46		15.16	TT (56)	415.2500	11.48	-3.96		15.44
H (21)	163.2500	11.97	-3.36		15.33	UU (57)	421.2500	10.88	-3.74		14.62
I (22)	169.2500	12.28	-2.04		14.32	VV (58)	427.2500	10.89	-3.78		14.67
7	175.2500	12.22	-2.20		14.42	WW (59)	433.2500	11.44	-3.69		15.13
8	181.2500	12.07	-2.64		14.71	XX (60)	439.2500	11.30	-3.33		14.63
9	187.2500	11.82	-2.86		14.68	YY (61)	445.2500	11.82	-3.42		15.24
10	193.2500	11.68	-3.75		15.43	ZZ (62)	451.2500	11.68	-3.11		14.79
11	199.2500	12.07	-3.22		15.29	63	457.2500	11.72	-2.72		14.44
12	205.2500	11.90	-1.60		13.5	64	463.2500	11.86	-2.89		14.75
13	211.2500	12.09	-3.55		15.64	65	469.2500	11.68	-3.21		14.89
J (23)	217.2500	12.07	-1.84		13.91	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	12.27	-2.14		14.41	67	481.2500	11.58	-3.40		14.98
L (25)	229.2625	12.42	-2.16		14.58	68	487.2500	11.49	-3.00		14.49
M (26)	235.2625	11.79	-2.49		14.28	69	493.2500	12.13	-2.63		14.76
N (27)	241.2625	12.07	-2.73		14.8	70	499.2500	11.76	-2.35		14.11
O (28)	247.2625	12.05	-2.49		14.54	71	505.2500	12.00	-2.66		14.66
P (29)	253.2625	12.18	-2.67		14.85	72	511.2500	11.64	-2.58		14.22
Q (30)	259.2625	12.07	-2.55		14.62	73	517.2500	12.56	-2.01		14.57
R (31)	265.2625	11.99	-2.50		14.49	74	523.2500	12.11	-2.71		14.82
S (32)	271.2625	11.41	-2.67		14.08	75	529.2500	12.24	-1.97		14.21
T (33)	277.2625	11.46	-2.98		14.44	76	535.2500	11.64	-2.76		14.4
U (34)	283.2625	11.32	-3.16		14.48	77	541.2500	12.15	-3.02		15.17
V (35)	289.2625	11.34	-3.63		14.97	78	547.2500	11.68	-3.99		15.67
W (36)	295.2625	11.99	-2.82		14.81	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	11.80	-2.38		14.18	80	559.2500	11.76	-2.49		14.25
BB (38)	307.2625	11.93	-3.21		15.14	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	11.89	-2.28		14.17						

Min Channel	:	5	10.770
Max Channel	:	F(19)	13.240
Peak to Valley	:	2.47	

TESTPOINT 3, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Don Palmer
Location : S. Orchard Rd.

Date : 8/15/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	50.4	68.8	77.4	0.7
16	0.2	50.6	65.9	76.8	
21	0.1	51.0	67.1	79.5	
13	0.1	50.3	64.1	80.2	
36	0.2	50.1	65.0	73.8	
41	0.2	50.6	64.7	75.3	
44	0.1	51.0	63.4	73.3	
56	0.3	50.4	63.6	71.1	
73	0.2	49.8	63.0	73.4	

TESTPOINT 3, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

***IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)***

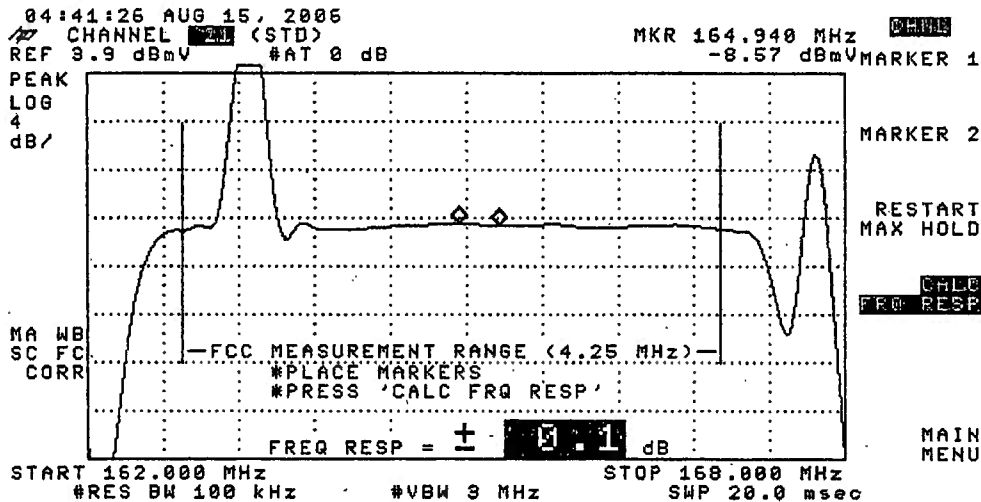
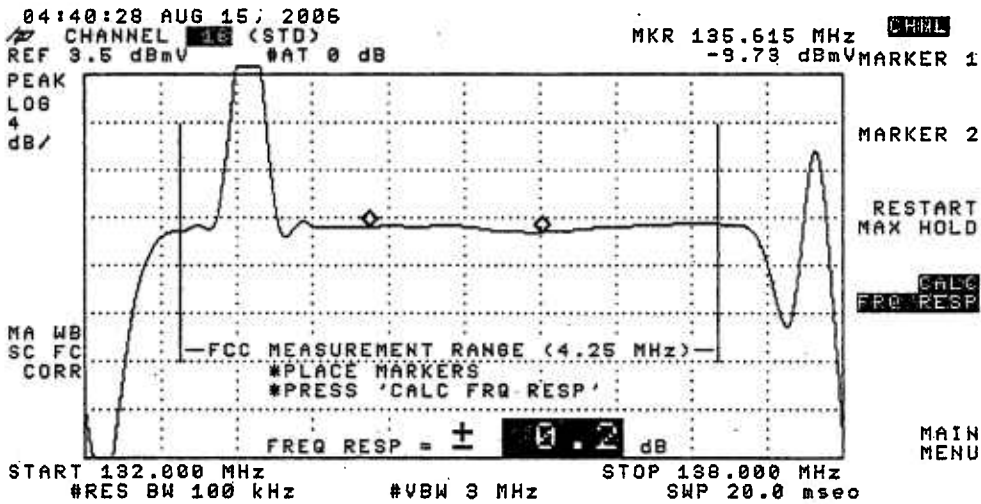
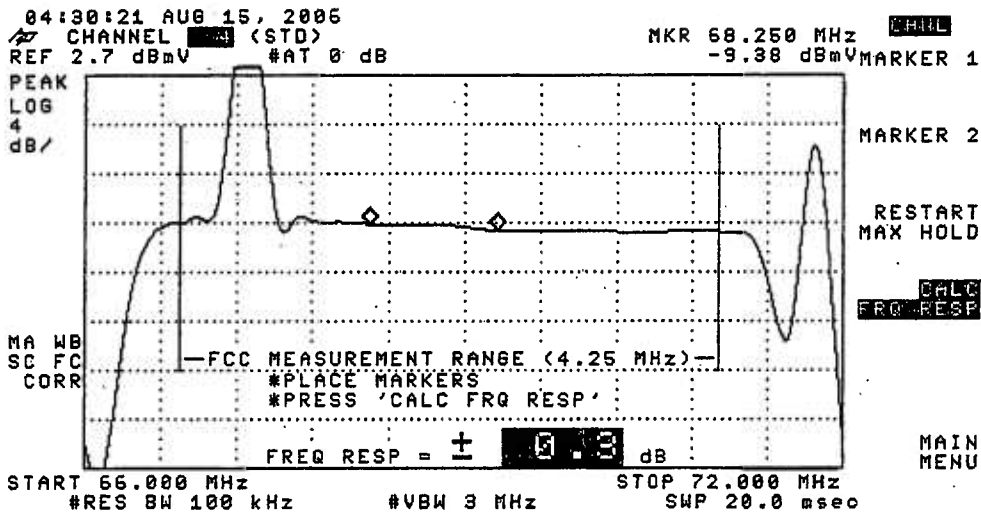
System Name : Syracuse

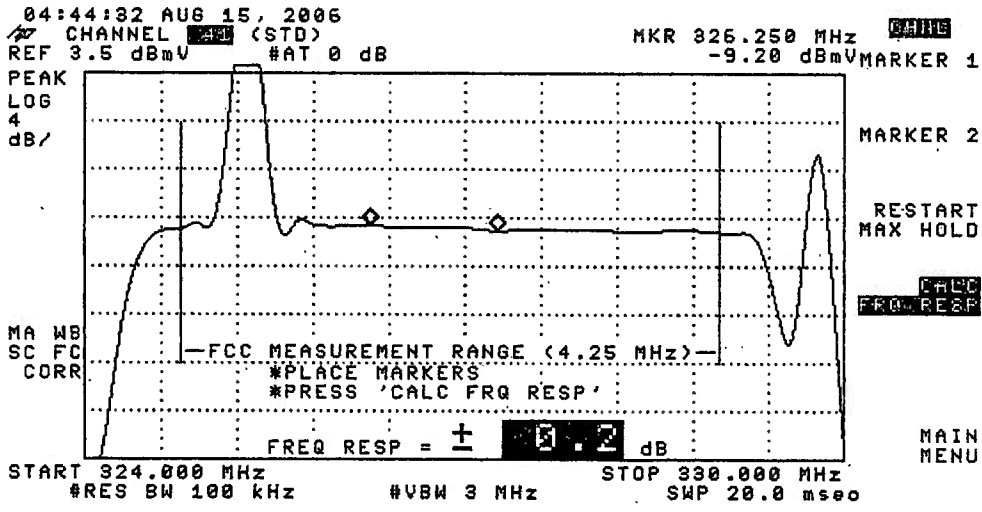
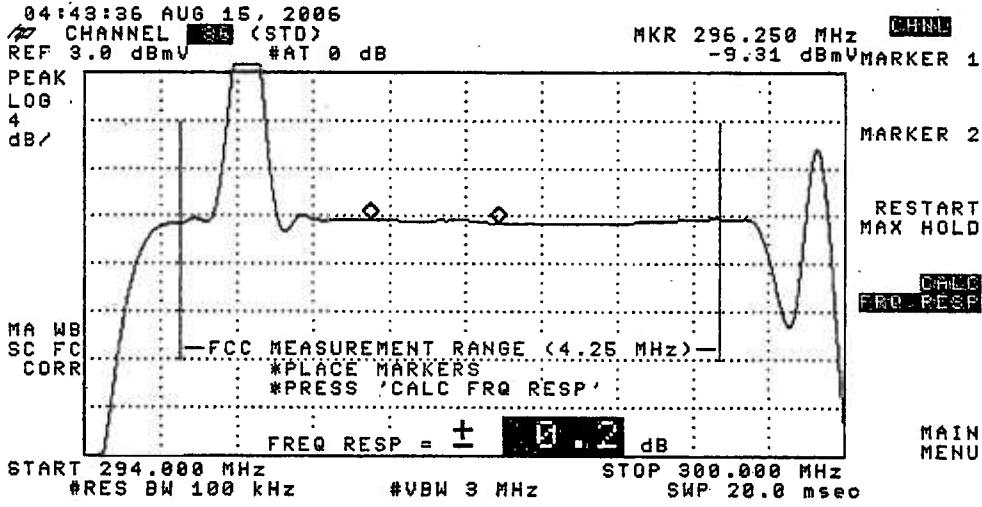
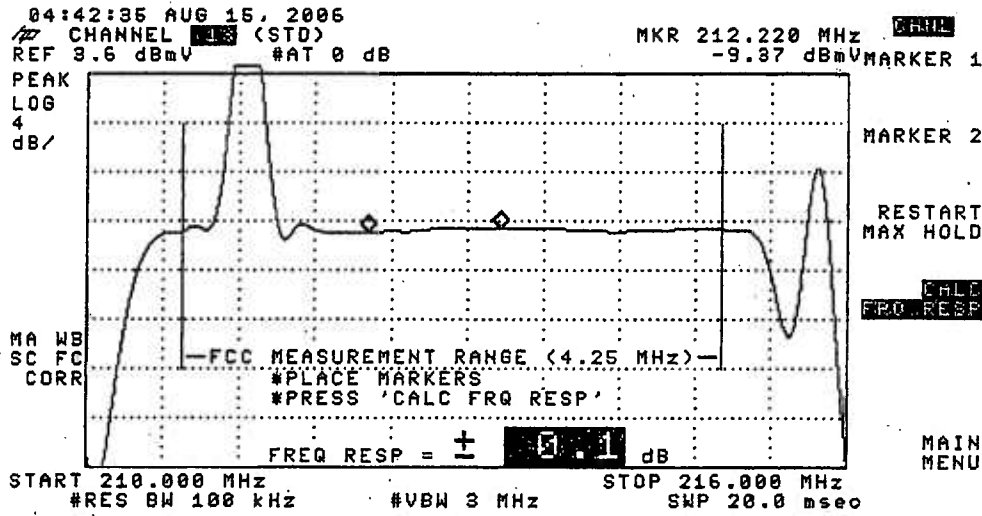
Date : 8/15/2006

Performed By : Don Palmer

Location : S. Orchard Rd.

(SEE THE ATTACHED SWEEP TRACES)



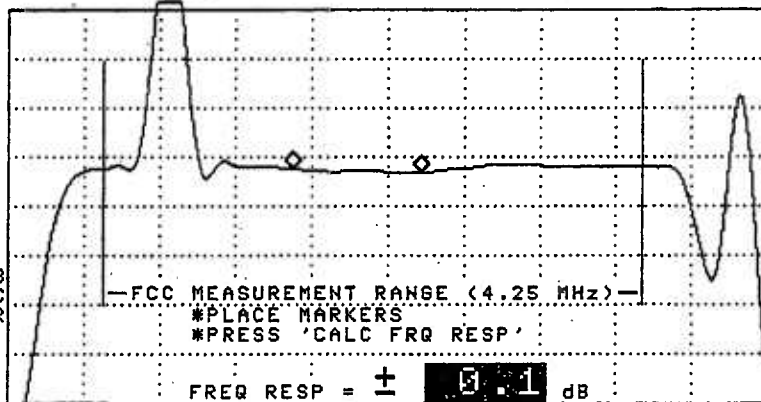


04:45:38 AUG 15, 2006
CHANNEL 54 (STD)
REF 3.3 dBmV #AT 0 dB

MKR 344.250 MHz
-9.69 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

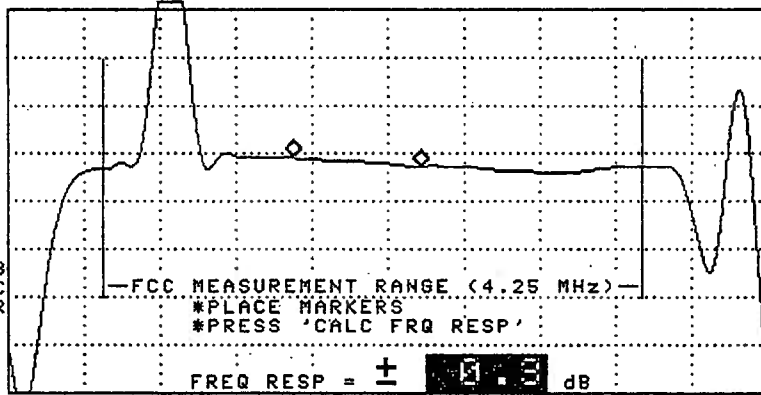
START 342.000 MHz STOP 348.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

04:46:31 AUG 15, 2006
CHANNEL 56 (STD)
REF 3.1 dBmV #AT 0 dB

MKR 416.250 MHz
-9.35 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

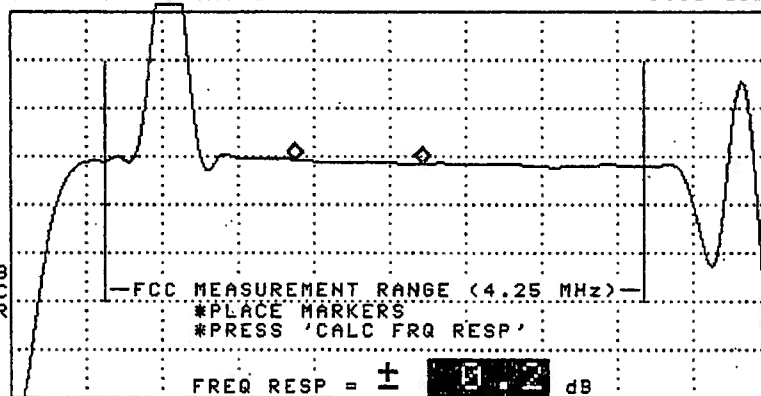
START 414.000 MHz STOP 420.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

04:47:34 AUG 15, 2006
CHANNEL 58 (STD)
REF 2.9 dBmV #AT 0 dB

MKR 518.250 MHz
-9.33 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



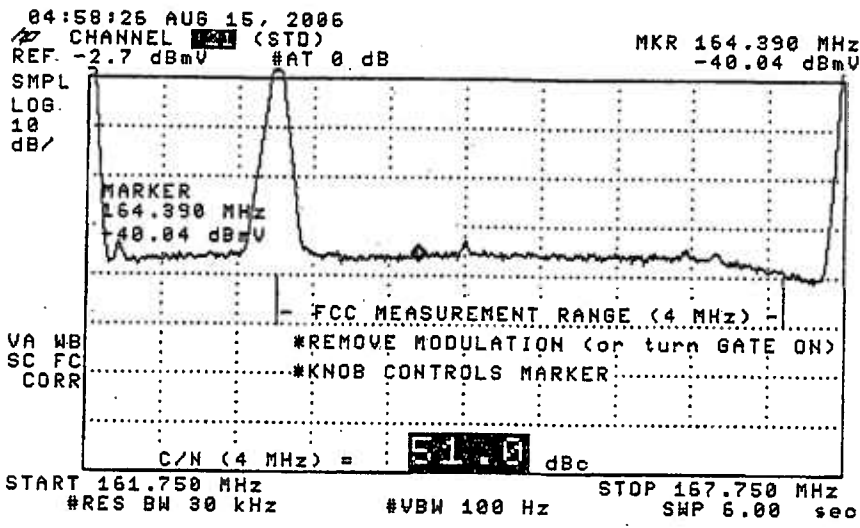
MARKER 2

RESTART
MAX HOLD

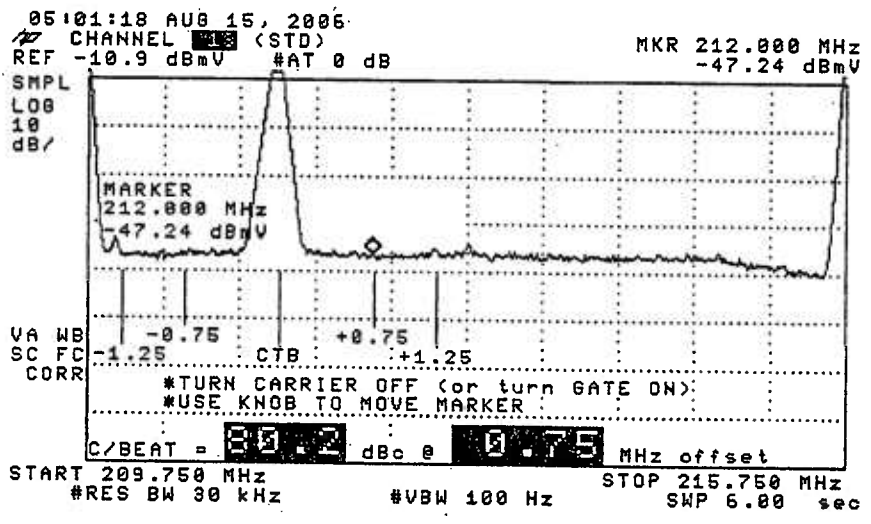
CALC
FRQ RESP

MAIN
MENU

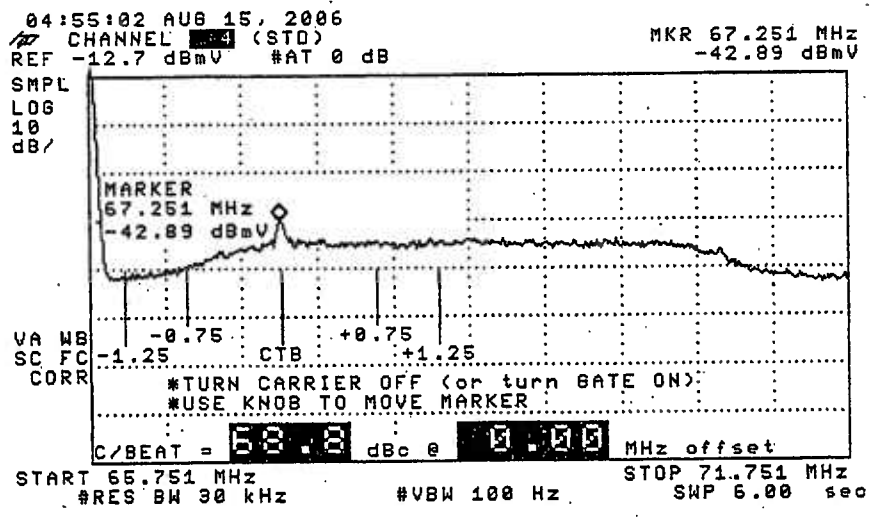
START 516.000 MHz STOP 522.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

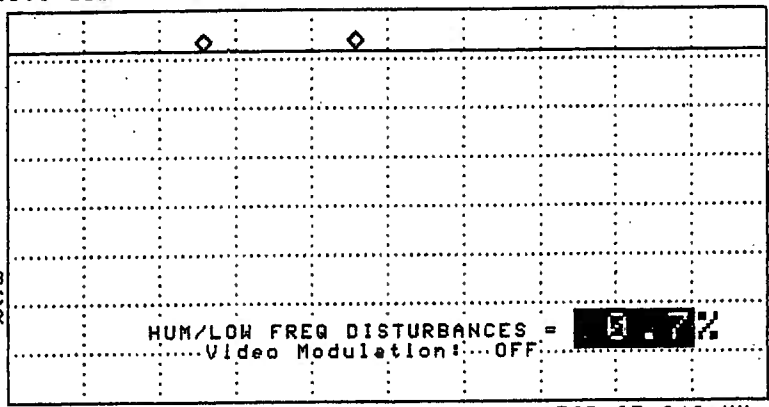
04:52:08 AUG 15, 2006
CHANNEL [] (STD)
REF 15.0 dBmV #AT 0 dB

MKR Δ -10.000 msec
-.07 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



HUM/LOW FREQ DISTURBANCES = 0.7%
Video Modulation: OFF

MORE
INFO

MAIN
MENU

START 67.243 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 67.243 MHz
#SHP 50.0 msec

TESTPOINT 3, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : S. Orchard Rd.
 Date : 08/09/2006 Performed By : Don Singleton
 Meter Serial Number : 223241

		TEMP F						TEMP F					
		71.00	76.00	64.00	59.00			71.00	76.00	64.00	59.00		
		TIME						TIME					
		10:03:00	16:00:00	22:34:00	03:55:00			10:03:00	16:00:00	22:34:00	03:55:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	12.52	12.54	13.06	13.57	1.05	DD(40)	319.2625	11.65	11.77	11.95	12.36	0.71
3	61.2500	13.00	13.01	13.43	13.94	0.94	EE(41)	325.2625	11.86	11.89	12.18	12.59	0.73
4	67.2500	12.00	12.02	12.42	12.93	0.93	FF(42)	331.2750	11.49	11.58	11.95	12.39	0.9
5	77.2500	10.77	10.75	11.30	11.79	1.04	GG(43)	337.2625	11.48	11.46	11.80	12.23	0.77
6	83.2500	10.88	10.89	11.30	11.77	0.89	HH(44)	343.2625	11.45	11.40	11.77	12.23	0.83
A-5(95)	91.2500						II(45)	349.2625	11.61	11.45	11.96	12.35	0.9
A-4(96)	97.2500						JJ(46)	355.2625	11.81	11.68	12.23	12.70	1.02
A-3(97)	103.2500						KK(47)	361.2625	12.10	11.94	12.46	12.91	0.97
A-2(98)	109.2750	11.00	11.01	11.46	11.93	0.93	LL(48)	367.2625	11.88	11.71	12.21	12.62	0.91
A-1(99)	115.2750	11.46	11.47	11.86	12.27	0.81	MM(49)	373.2625	12.13	11.91	12.43	12.91	1
A(14)	121.2625	11.45	11.46	12.10	12.53	1.08	NN(50)	379.2625	11.55	11.39	11.80	12.20	0.81
B(15)	127.2625	12.00	12.02	12.24	12.72	0.72	OO(51)	385.2625	11.52	11.31	11.89	12.27	0.96
C(16)	133.2625	12.40	12.42	12.63	13.13	0.73	PP(52)	391.2625	11.03	10.94	11.70	12.08	1.14
D(17)	139.2500	11.40	11.43	11.86	12.32	0.92	QQ(53)	397.2625	11.40	11.26	11.87	12.23	0.97
E(18)	145.2500	11.87	11.96	12.40	12.83	0.96	RR(54)	403.2500	11.80	11.67	12.31	12.65	0.98
F(19)	151.3210	13.24	13.26	13.69	14.16	0.92	SS(55)	409.2500	11.21	11.09	11.67	12.06	0.97
G(20)	157.2500	11.70	11.75	12.18	12.57	0.87	TT(56)	415.2500	11.48	11.39	12.02	12.36	0.97
H(21)	163.2500	11.97	12.05	12.55	13.00	1.03	UU(57)	421.2500	10.88	10.83	11.62	11.95	1.12
I(22)	169.2500	12.28	12.34	12.56	13.08	0.8	VV(58)	427.2500	10.89	10.84	11.48	11.77	0.93
7	175.2500	12.22	12.30	12.33	12.84	0.62	WW(59)	433.2500	11.44	11.39	12.06	12.32	0.93
8	181.2500	12.07	12.11	12.27	12.68	0.61	XX(60)	439.2500	11.30	11.39	11.92	12.24	0.94
9	187.2500	11.82	11.98	12.16	12.63	0.81	YY(61)	445.2500	11.82	11.85	12.35	12.65	0.83
10	193.2500	11.68	11.92	12.11	12.37	0.69	ZZ(62)	451.2500	11.68	11.70	12.18	12.45	0.77
11	199.2500	12.07	12.16	12.51	12.97	0.9	63	457.2500	11.72	11.75	12.21	12.53	0.81
12	205.2500	11.90	12.04	12.30	12.84	0.94	64	463.2500	11.86	11.95	12.44	12.75	0.89
13	211.2500	12.09	12.21	12.39	12.84	0.75	65	469.2500	11.68	11.81	12.27	12.58	0.9
J(23)	217.2500	12.07	12.21	12.24	12.71	0.64	66	475.2500					
K(24)	223.2500	12.27	12.43	12.45	12.90	0.63	67	481.2500	11.58	11.73	12.13	12.44	0.86
L(25)	229.2625	12.42	12.51	12.81	13.27	0.85	68	487.2500	11.49	11.65	11.80	12.17	0.68
M(26)	235.2625	11.79	12.04	12.05	12.50	0.71	69	493.2500	12.13	12.10	12.45	12.81	0.71
N(27)	241.2625	12.07	12.17	12.47	12.90	0.83	70	499.2500	11.76	11.72	12.19	12.49	0.77
O(28)	247.2625	12.05	12.13	12.57	12.96	0.91	71	505.2500	12.00	11.98	12.20	12.59	0.61
P(29)	253.2625	12.18	12.27	12.53	12.94	0.76	72	511.2500	11.64	11.78	11.69	12.15	0.51
Q(30)	259.2625	12.07	12.15	12.44	12.88	0.81	73	517.2500	12.56	12.82	12.36	12.95	0.59
R(31)	265.2625	11.99	12.09	12.45	12.84	0.85	74	523.2500	12.11	12.37	11.61	12.46	0.85
S(32)	271.2625	11.41	11.57	11.85	12.32	0.91	75	529.2500	12.24	12.51	11.38	12.21	1.13
T(33)	277.2625	11.46	11.57	11.70	12.30	0.84	76	535.2500	11.64	11.87	10.55	11.07	1.32
U(34)	283.2625	11.32	11.46	11.73	12.23	0.91	77	541.2500	12.15	12.36	11.28	11.17	1.19
V(35)	289.2625	11.34	11.54	11.75	12.27	0.93	78	547.2500	11.68	11.79	11.11	10.92	0.87
W(36)	295.2625	11.99	12.10	12.31	12.73	0.74	79	553.2500					
AA(37)	301.2625	11.80	11.91	12.33	12.68	0.88	80	559.2500	11.76	11.93	11.48	11.66	0.45
BB(38)	307.2625	11.93	12.04	12.40	12.81	0.88	81	565.2500					
CC(39)	313.2625	11.89	12.00	12.32	12.80	0.91							

Max Non Adjacent Channel Level Diff :- 3.24
 Max Adjacent Channel Level Diff :- 1.59
 Max Variance from last proof of performance test :- 5.97
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 4, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 4
Hub Name : Baldwinsville
Location : Patchet Rd.
Map Number : 302-5676
Pole Number : 44/60
D.T. Value : 23-4
OR Number : 315
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 4, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Patchet Rd.
Date : 08/09/2006 Time : 10:34:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	14.78	1.17		13.61	DD (40)	319.2625	14.64	0.20		14.44
3	61.2500	13.21	0.30		14.91	EE (41)	325.2625	14.74	0.14		14.6
4	67.2500	15.15	-0.74		15.89	FF (42)	331.2750	14.96	-0.10		15.06
5	77.2500	12.25	-2.89		15.14	GG (43)	337.2625	14.75	-0.48		15.23
6	83.2500	11.95	-2.49		14.44	HH (44)	343.2625	14.32	-0.30		14.62
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.09	-0.69		14.78
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	14.02	-1.13		15.15
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.32	-1.08		15.4
A-2 (98)	109.2750	11.05	-3.29		14.34	LL (48)	367.2625	13.98	-0.70		14.68
A-1 (99)	115.2750	11.76	-2.90		14.66	MM (49)	373.2625	13.96	-1.13		15.09
A (14)	121.2625	12.27	-2.31		14.58	NN (50)	379.2625	13.61	-1.13		14.74
B (15)	127.2625	11.92	-2.36		14.28	OO (51)	385.2625	13.74	-0.52		14.26
C (16)	133.2625	12.46	-1.56		14.02	PP (52)	391.2625	14.00	-0.82		14.82
D (17)	139.2500	12.97	-1.15		14.12	QQ (53)	397.2625	13.91	-1.49		15.4
B (18)	145.2500	13.38	-1.57		14.95	RR (54)	403.2500	13.65	-0.88		14.53
F (19)	151.3210	14.77	0.18		14.59	SS (55)	409.2500	13.86	-1.72		15.58
G (20)	157.2500	13.51	-1.84		15.35	TT (56)	415.2500	13.50	-2.01		15.51
H (21)	163.2500	13.38	-1.45		14.83	UU (57)	421.2500	13.30	-1.42		14.72
I (22)	169.2500	13.80	-0.74		14.54	VV (58)	427.2500	13.49	-1.38		14.87
7	175.2500	13.66	-0.41		14.07	WW (59)	433.2500	12.92	-1.92		14.84
8	181.2500	13.42	-1.11		14.53	XX (60)	439.2500	13.33	-1.16		14.49
9	187.2500	13.60	-1.95		15.55	YY (61)	445.2500	13.59	-0.87		14.46
10	193.2500	12.95	-2.28		15.23	ZZ (62)	451.2500	13.79	-0.55		14.34
11	199.2500	13.02	-2.46		15.48	63	457.2500	14.02	-0.68		14.7
12	205.2500	12.79	-1.45		14.24	64	463.2500	13.86	-0.82		14.68
13	211.2500	12.36	-3.11		15.47	65	469.2500	13.82	-0.67		14.49
J (23)	217.2500	12.48	-2.48		14.96	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	12.15	-2.29		14.44	67	481.2500	14.13	-1.18		15.31
L (25)	229.2625	12.22	-2.26		14.48	68	487.2500	14.23	-0.58		14.81
M (26)	235.2625	11.98	-2.82		14.8	69	493.2500	14.42	0.02		14.4
N (27)	241.2625	11.61	-2.66		14.27	70	499.2500	14.86	0.74		14.12
O (28)	247.2625	12.25	-2.71		14.96	71	505.2500	15.36	0.42		14.94
P (29)	253.2625	12.34	-2.45		14.79	72	511.2500	15.34	0.70		14.64
Q (30)	259.2625	12.38	-1.53		13.91	73	517.2500	15.68	1.01		14.67
R (31)	265.2625	12.83	-2.14		14.97	74	523.2500	15.25	0.16		15.09
S (32)	271.2625	12.57	-1.40		13.97	75	529.2500	15.35	1.25		14.1
T (33)	277.2625	13.23	-1.04		14.27	76	535.2500	15.34	0.91		14.43
U (34)	283.2625	13.34	-1.52		14.86	77	541.2500	15.03	0.02		15.01
V (35)	289.2625	13.60	-1.27		14.87	78	547.2500	15.29	-0.13		15.42
W (36)	295.2625	14.55	-0.04		14.59	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	14.50	0.30		14.2	80	559.2500	15.18	1.01		14.17
BB (38)	307.2625	14.57	-0.09		14.66	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.08	0.36		14.72						

Min Channel	:	A-2(98)	11.050
Max Channel	:	73	15.680
Peak to Valley	:	4.63	

TESTPOINT 4, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
 CARRIER - TO - NOISE TEST
 COHERENT DISTURBANCES TEST
 LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Patchet Rd.

Date : 8/15/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.1	49.4	69.8	79.9	0.4
16	0.2	48.7	65.9	75.6	
21	0.1	48.6	66.6	74.4	
13	0.1	49.5	64.6	73.4	
36	0.2	47.6	65.1	67.1	
41	0.3	50.7	64.5	71.8	
44	0.2	50.4	65.6	72.7	
56	0.2	47.8	63.2	70.3	
73	0.2	49.4	66.2	70.4	

TESTPOINT 4, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

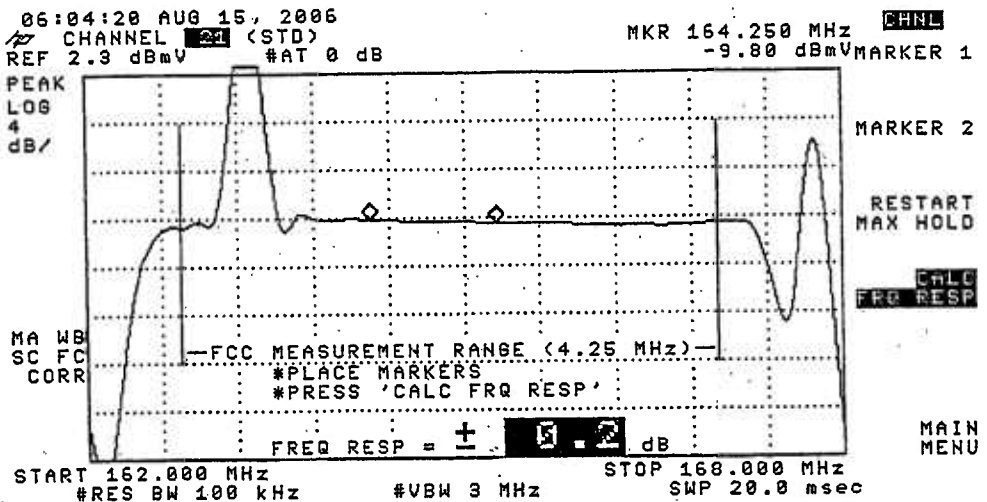
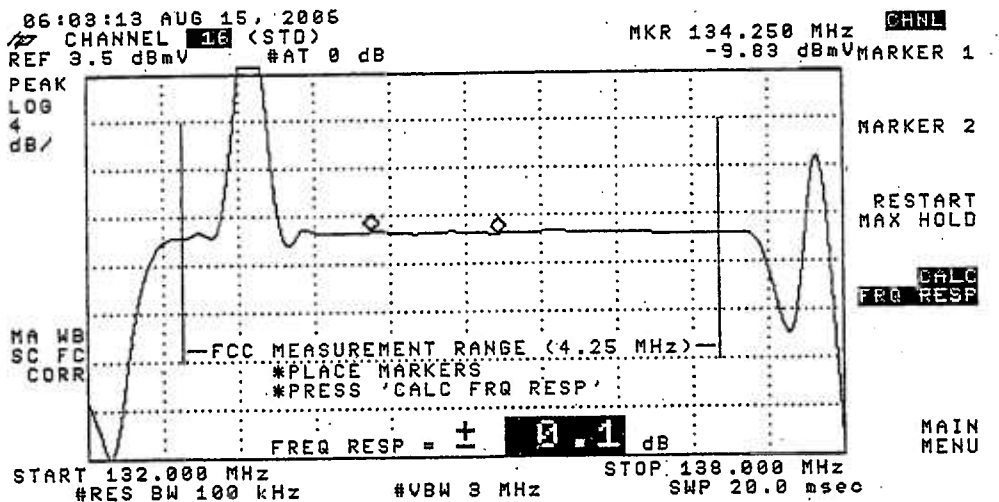
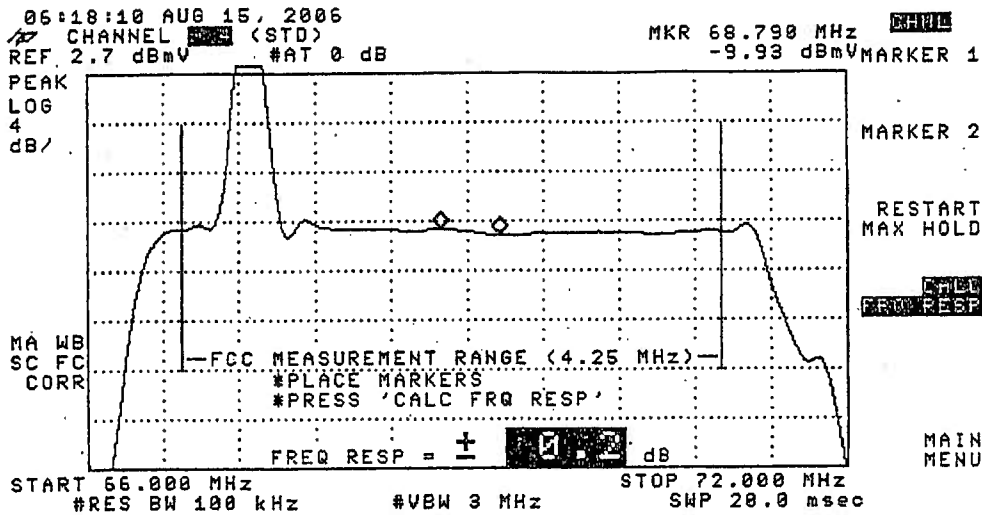
System Name : Syracuse

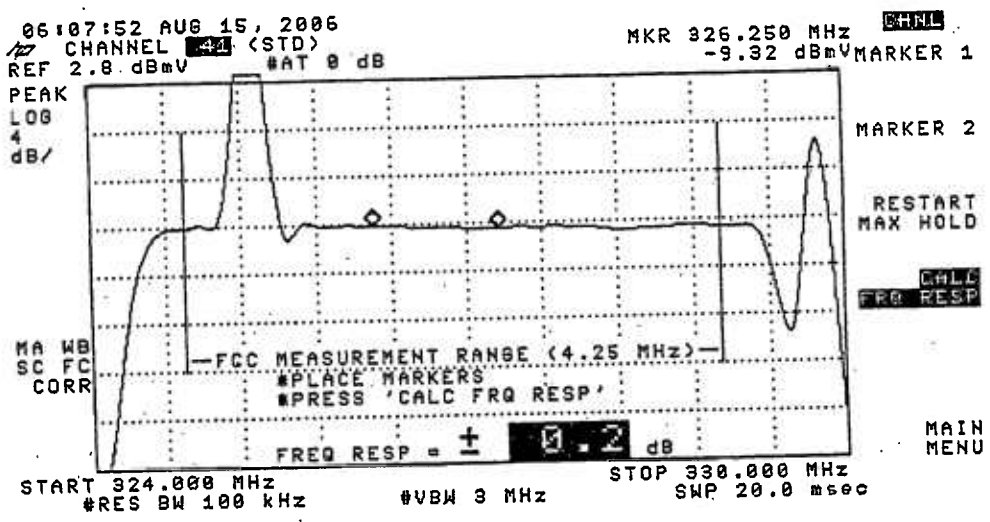
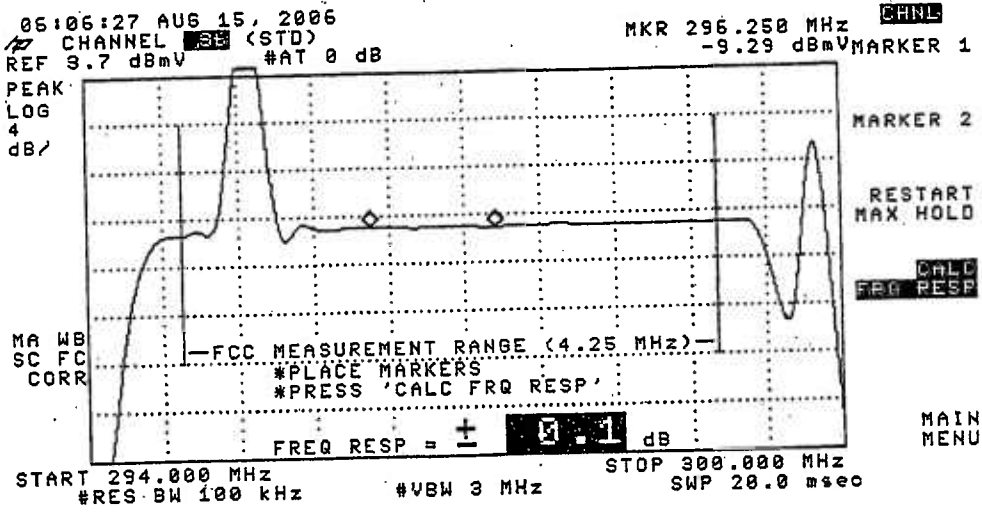
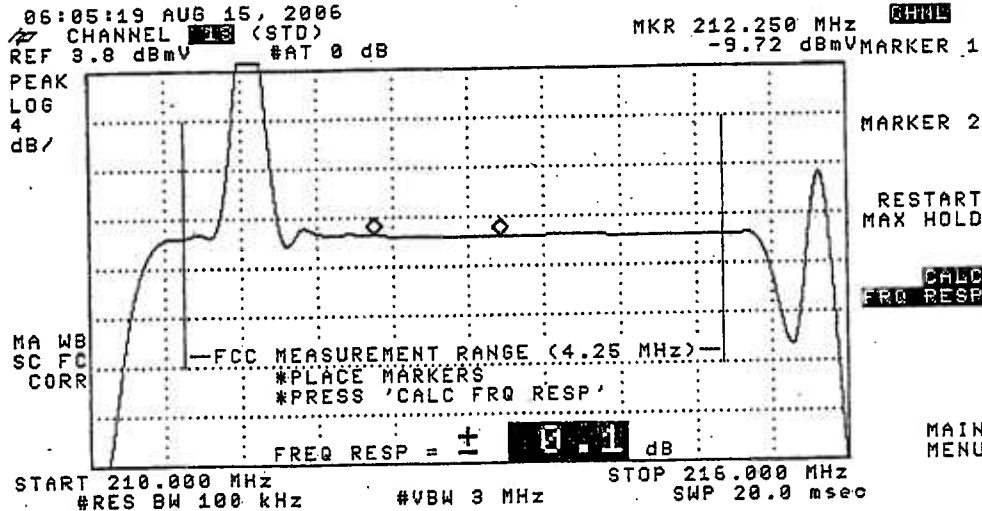
Date : 8/15/2006

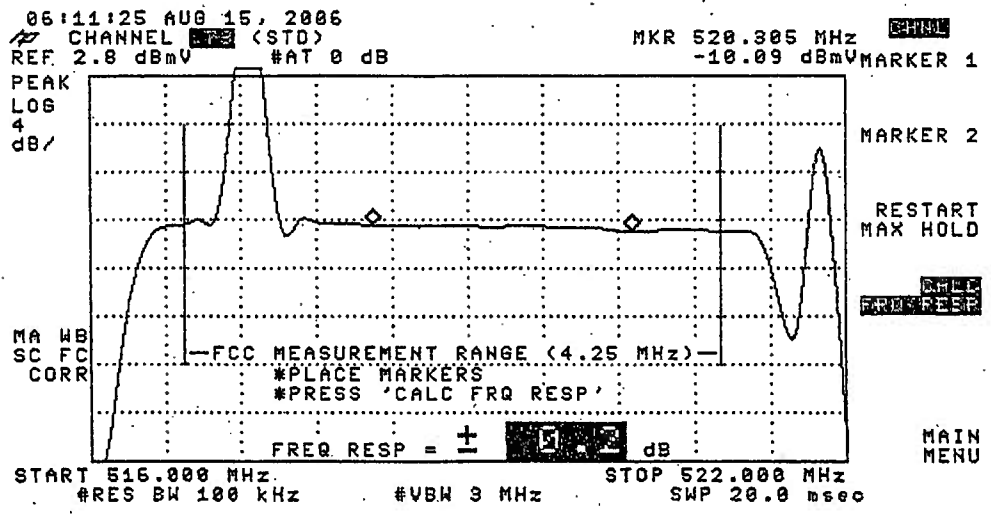
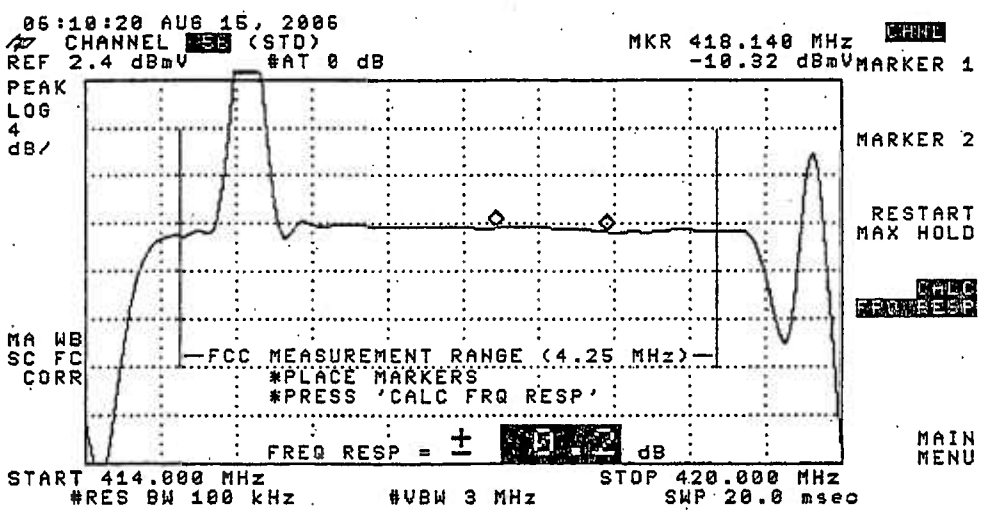
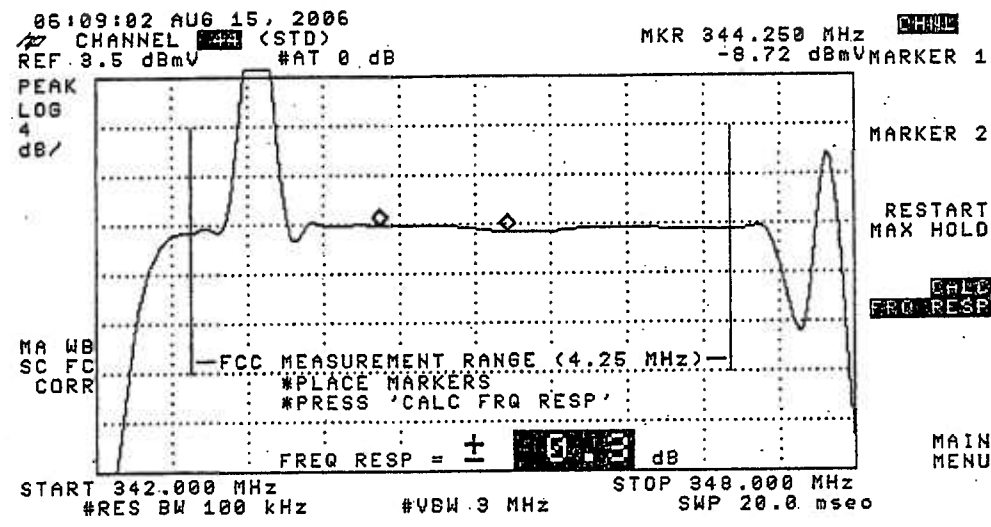
Performed By : Benny LaRocca

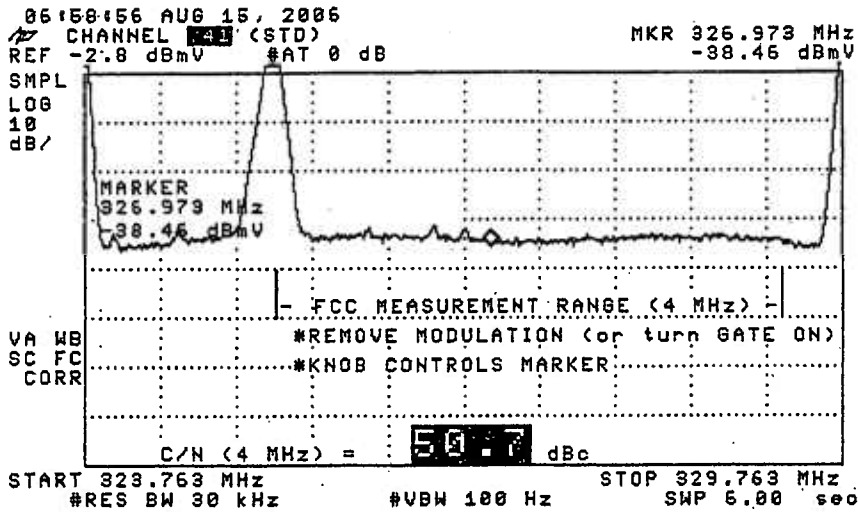
Location : Patchet Rd.

(SEE THE ATTACHED SWEEP TRACES)







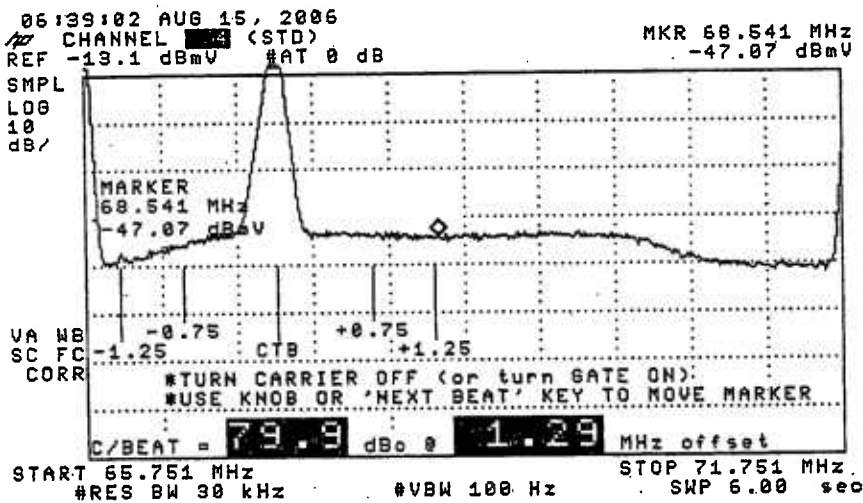


CHNL
 GATE ON OFF
 AVERAGE ON OFF

MORE INFO

More

MAIN MENU



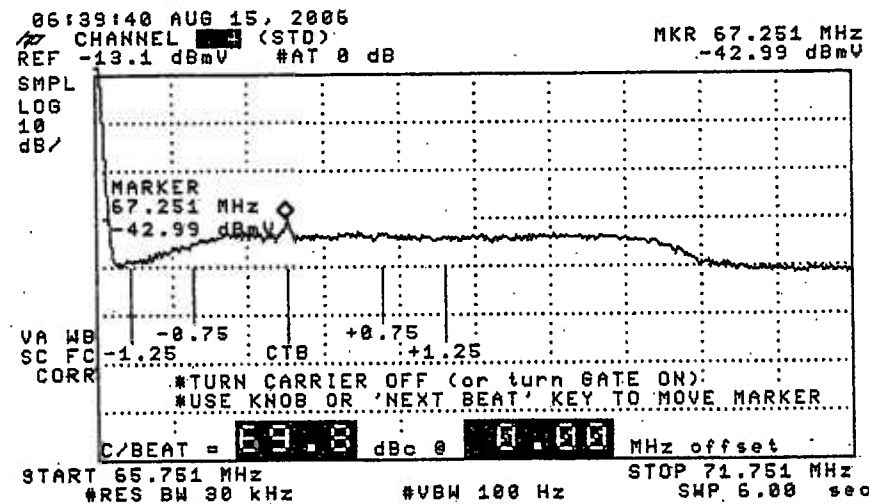
CHNL
 GATE ON OFF
 AVERAGE ON OFF

ZOOM & MEASURE

NEXT BEAT

More

MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF

ZOOM & MEASURE

NEXT BEAT

More

MAIN MENU

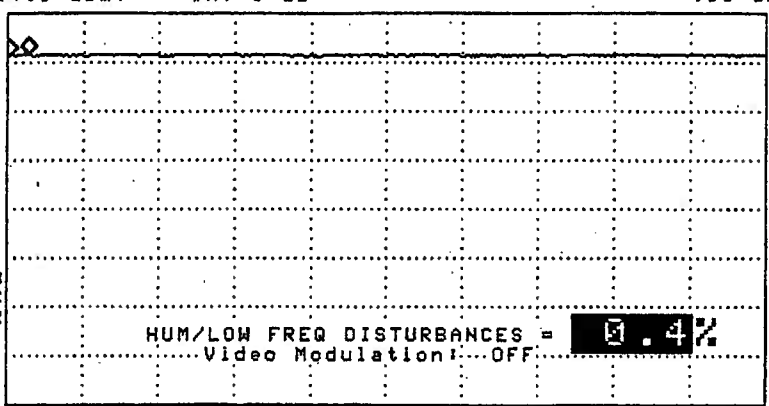
06:19:32 AUG 15, 2006
CHANNEL 4 (STD)
REF 14.9 dBmV #AT 0 dB

MKR Δ -1.2500 msec
-0.05 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.245 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 67.245 MHz
#SWP 50.0 msec

TESTPOINT 4, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Patchet Rd.
 Date : 08/09/2006 Performed By : Don Singleton
 Meter Serial Number : 223241

		TEMP F						TEMP F					
		70.00	78.00	64.00	59.00			70.00	78.00	64.00	59.00		
		TIME						TIME					
		10:34:00	16:25:00	22:26:00	04:27:00			10:34:00	16:25:00	22:26:00	04:27:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.78	13.64	15.02	15.20	1.56	DD(40)	319.2625	14.64	14.02	14.89	15.13	1.11
3	61.2500	15.21	14.25	15.39	15.59	1.34	EE(41)	325.2625	14.74	14.12	15.00	15.21	1.09
4	67.2500	15.15	14.15	15.54	15.68	1.53	FF(42)	331.2750	14.96	14.29	15.19	15.40	1.11
5	77.2500	12.25	11.38	12.64	13.21	1.83	GG(43)	337.2625	14.75	14.05	14.36	15.26	1.21
6	83.2500	11.95	11.41	12.14	13.11	1.7	HH(44)	343.2625	14.32	13.84	14.35	15.03	1.19
A-5(95)	91.2500						II(45)	349.2625	14.09	13.37	14.02	14.61	1.24
A-4(96)	97.2500						JJ(46)	355.2625	14.02	13.27	14.00	14.53	1.26
A-3(97)	103.2500						KK(47)	361.2625	14.32	13.53	14.34	14.84	1.31
A-2(98)	109.2750	11.05	10.75	11.63	11.18	0.88	LL(48)	367.2625	13.98	13.31	14.09	14.52	1.21
A-1(99)	115.2750	11.76	11.13	11.94	11.07	0.87	MM(49)	373.2625	13.96	13.23	14.04	14.43	1.2
A(14)	121.2625	12.27	11.44	12.53	12.62	1.18	NN(50)	379.2625	13.61	13.07	13.72	14.14	1.07
B(15)	127.2625	11.92	11.09	12.19	12.24	1.15	OO(51)	385.2625	13.74	13.18	13.87	14.25	1.07
C(16)	133.2625	12.46	11.70	12.71	12.90	1.2	PP(52)	391.2625	14.00	13.41	14.09	14.45	1.04
D(17)	139.2500	12.97	11.85	13.08	13.24	1.39	QQ(53)	397.2625	13.91	13.25	14.00	14.37	1.12
E(18)	145.2500	13.38	12.41	13.61	13.85	1.44	RR(54)	403.2500	13.65	13.08	13.74	14.09	1.01
F(19)	151.3210	14.77	13.90	15.00	15.20	1.3	SS(55)	409.2500	13.86	13.17	13.93	14.22	1.05
G(20)	157.2500	13.51	12.78	13.80	13.98	1.2	TT(56)	415.2500	13.50	12.77	13.63	13.98	1.21
H(21)	163.2500	13.38	12.76	13.70	13.81	1.05	UU(57)	421.2500	13.30	12.64	13.43	13.80	1.16
I(22)	169.2500	13.80	13.17	14.04	14.16	0.99	VV(58)	427.2500	13.49	12.92	13.56	13.95	1.03
7	175.2500	13.66	12.87	13.84	13.97	1.1	WW(59)	433.2500	12.92	12.45	13.11	13.37	0.92
8	181.2500	13.42	12.66	13.71	13.82	1.16	XX(60)	439.2500	13.33	12.78	13.47	13.89	1.11
9	187.2500	13.60	12.80	13.80	14.04	1.24	YY(61)	445.2500	13.59	13.13	13.81	14.23	1.1
10	193.2500	12.95	12.19	13.23	13.31	1.12	ZZ(62)	451.2500	13.79	13.37	13.88	14.29	0.92
11	199.2500	13.02	12.16	13.21	13.48	1.32	63	457.2500	14.02	13.56	14.09	14.55	0.99
12	205.2500	12.79	11.91	12.88	13.26	1.35	64	463.2500	13.86	13.36	13.86	14.40	1.04
13	211.2500	12.36	11.63	12.50	12.74	1.11	65	469.2500	13.82	13.30	13.89	14.42	1.12
J(23)	217.2500	12.48	11.81	12.64	12.84	1.03	66	475.2500					
K(24)	223.2500	12.15	11.43	12.34	12.63	1.2	67	481.2500	14.13	13.67	14.19	14.68	1.01
L(25)	229.2625	12.22	11.54	12.41	12.74	1.2	68	487.2500	14.23	13.81	14.29	14.77	0.96
M(26)	235.2625	11.98	11.34	12.11	12.42	1.08	69	493.2500	14.42	14.05	14.44	14.90	0.85
N(27)	241.2625	11.61	10.82	11.82	12.04	1.22	70	499.2500	14.86	14.45	14.82	15.31	0.86
O(28)	247.2625	12.25	11.57	12.51	12.71	1.14	71	505.2500	15.36	15.01	15.37	15.83	0.82
P(29)	253.2625	12.34	11.74	12.53	12.85	1.11	72	511.2500	15.34	14.97	15.33	15.80	0.83
Q(30)	259.2625	12.38	11.82	12.57	12.79	0.97	73	517.2500	15.68	15.24	15.66	16.16	0.92
R(31)	265.2625	12.83	12.23	13.01	13.27	1.04	74	523.2500	15.25	14.80	15.13	15.68	0.88
S(32)	271.2625	12.57	12.11	12.82	13.03	0.92	75	529.2500	15.35	14.95	15.32	15.84	0.89
T(33)	277.2625	13.23	12.61	13.39	13.61	1	76	535.2500	15.34	14.93	15.38	15.77	0.84
U(34)	283.2625	13.34	12.82	13.53	13.73	0.91	77	541.2500	15.03	14.65	15.09	15.56	0.91
V(35)	289.2625	13.60	12.93	13.77	13.92	0.99	78	547.2500	15.29	14.94	15.28	15.64	0.7
W(36)	295.2625	14.55	13.83	14.73	14.91	1.08	79	553.2500					
AA(37)	301.2625	14.50	13.77	14.70	14.91	1.14	80	559.2500	15.18	14.88	15.18	15.52	0.64
BB(38)	307.2625	14.57	13.81	14.74	14.95	1.14	81	565.2500					
CC(39)	313.2625	15.08	14.35	15.28	15.54	1.19							

Max Non Adjacent Channel Level Diff :- 5.09
 Max Adjacent Channel Level Diff :- 2.9
 Max Variance from last proof of performance test :- 7.01
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 5, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 5
Hub Name : Baldwinsville
Location : Blanchard Blvd
Map Number : 293-5662
Pole Number : 3/9
D.T. Value : 14-4
OR Number : 320
GNA Cascade : Node + 4
LE Cascade :

TESTPOINT 5, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Blanchard Blvd
Date : 08/09/2006 Time : 11:03:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	14.48	1.64		12.84	DD (40)	319.2625	12.93	-1.77		14.7
3	61.2500	16.41	1.30		15.11	EE (41)	325.2625	12.96	-1.82		14.78
4	67.2500	16.29	1.14		15.15	FF (42)	331.2750	13.45	-1.07		14.52
5	77.2500	14.94	-0.70		15.64	GG (43)	337.2625	13.31	-1.34		14.65
6	83.2500	14.74	0.35		14.39	HH (44)	343.2625	13.60	-0.88		14.48
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	13.57	-1.58		15.15
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	13.47	-2.20		15.67
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	13.27	-2.42		15.69
A-2 (98)	109.2750	12.92	-1.04		13.96	LL (48)	367.2625	12.70	-2.21		14.91
A-1 (99)	115.2750	12.20	-0.09		12.29	MM (49)	373.2625	12.61	-2.95		15.56
A (14)	121.2625	14.93	0.45		14.48	NN (50)	379.2625	11.90	-2.84		14.74
B (15)	127.2625	14.42	0.36		14.06	OO (51)	385.2625	12.18	-2.43		14.61
C (16)	133.2625	15.02	0.82		14.2	PP (52)	391.2625	11.68	-2.43		14.11
D (17)	139.2500	14.88	0.54		14.34	QQ (53)	397.2625	11.80	-3.27		15.07
E (18)	145.2500	14.39	-0.32		14.71	RR (54)	403.2500	11.77	-3.12		14.89
F (19)	151.3210	16.19	1.39		14.8	SS (55)	409.2500	12.18	-2.79		14.97
G (20)	157.2500	14.41	-0.58		14.99	TT (56)	415.2500	11.78	-3.08		14.86
H (21)	163.2500	14.62	-0.10		14.72	UU (57)	421.2500	11.90	-2.57		14.47
I (22)	169.2500	14.82	0.49		14.33	VV (58)	427.2500	12.73	-2.38		15.11
7	175.2500	14.30	0.32		13.98	WW (59)	433.2500	12.02	-2.67		14.69
8	181.2500	14.30	0.08		14.22	XX (60)	439.2500	12.48	-2.13		14.61
9	187.2500	14.03	-0.84		14.87	YY (61)	445.2500	13.21	-1.50		14.71
10	193.2500	13.79	-1.22		15.01	ZZ (62)	451.2500	13.79	-0.55		14.34
11	199.2500	13.95	-1.64		15.59	63	457.2500	13.66	-0.16		13.82
12	205.2500	14.00	-0.59		14.59	64	463.2500	13.85	-0.92		14.77
13	211.2500	13.39	-1.89		15.28	65	469.2500	14.34	-0.43		14.77
J (23)	217.2500	13.39	-0.88		14.27	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	13.55	-1.69		15.24	67	481.2500	13.89	-1.50		15.39
L (25)	229.2625	13.33	-2.18		15.51	68	487.2500	14.20	-1.19		15.39
M (26)	235.2625	11.69	-2.10		13.79	69	493.2500	13.68	-0.61		14.29
N (27)	241.2625	11.71	-2.17		13.88	70	499.2500	14.04	-0.52		14.56
O (28)	247.2625	12.87	-2.66		15.53	71	505.2500	14.10	-1.61		15.71
P (29)	253.2625	11.93	-2.08		14.01	72	511.2500	14.33	-1.40		15.73
Q (30)	259.2625	12.19	-1.23		13.42	73	517.2500	14.26	-1.05		15.31
R (31)	265.2625	12.89	-1.48		14.37	74	523.2500	14.09	-1.89		15.98
S (32)	271.2625	13.13	-1.47		14.6	75	529.2500	13.64	-2.07		15.71
T (33)	277.2625	12.98	-0.96		13.94	76	535.2500	13.48	-1.80		15.28
U (34)	283.2625	12.96	-1.50		14.46	77	541.2500	12.61	-2.54		15.15
V (35)	289.2625	12.93	-2.34		15.27	78	547.2500	12.38	-3.47		15.85
W (36)	295.2625	12.96	-2.05		15.01	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	12.26	-2.40		14.66	80	559.2500	11.82	-2.79		14.61
BB (38)	307.2625	12.63	-1.92		14.55	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.07	-1.78		14.85						

Min Channel	:	PP(52)	11.680
Max Channel	:	3	16.410
Peak to Valley	:	4.73	

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
 CARRIER - TO - NOISE TEST
 COHERENT DISTURBANCES TEST
 LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Blanchard Blvd

Date : 8/15/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	49.5	68.6	77.1	0.3
16	0.2	47.3	66.9	76.5	
21	0.1	48.3	64.5	68.1	
13	0.1	46.8	64.0	75.9	
36	0.2	47.9	62.0	65.6	
41	0.2	47.4	61.8	66.7	
44	0.1	49.1	63.5	70.0	
56	0.3	48.0	62.9	66.0	
73	0.2	49.4	66.5	67.4	

TESTPOINT 5, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/15/2006

Performed By : Benny LaRocca

Location : Blanchard Blvd

(SEE THE ATTACHED SWEEP TRACES)

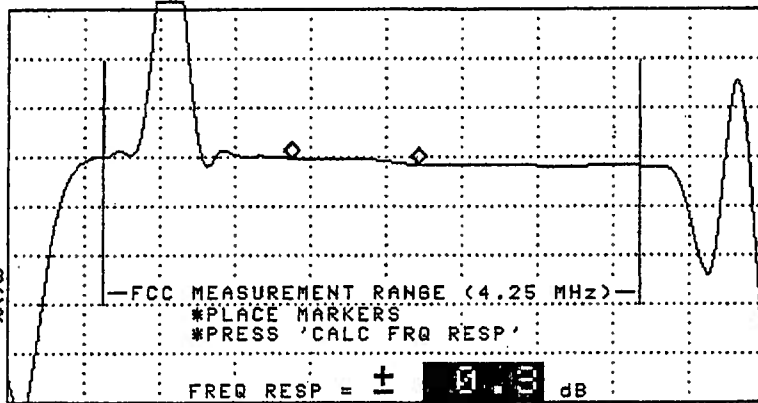
04:30:21 AUG 15, 2006

CHANNEL 10 (STD)
REF 2.7 dBmV #AT 0 dB

MKR 68.250 MHz
-9.38 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 55.000 MHz STOP 72.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

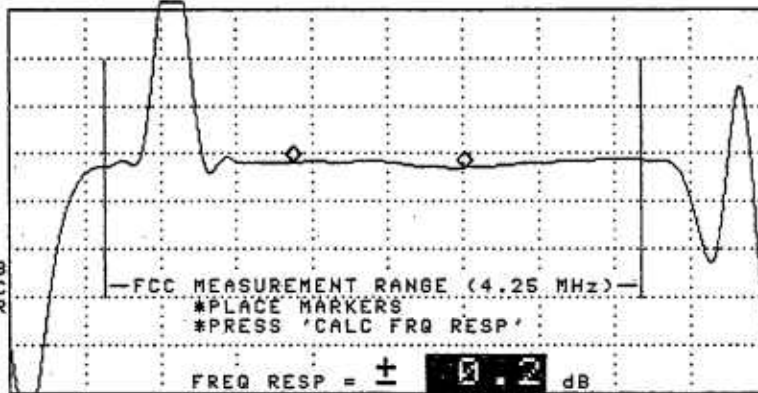
04:40:28 AUG 15, 2006

CHANNEL 10 (STD)
REF 3.5 dBmV #AT 0 dB

MKR 135.615 MHz
-9.73 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 132.000 MHz STOP 198.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

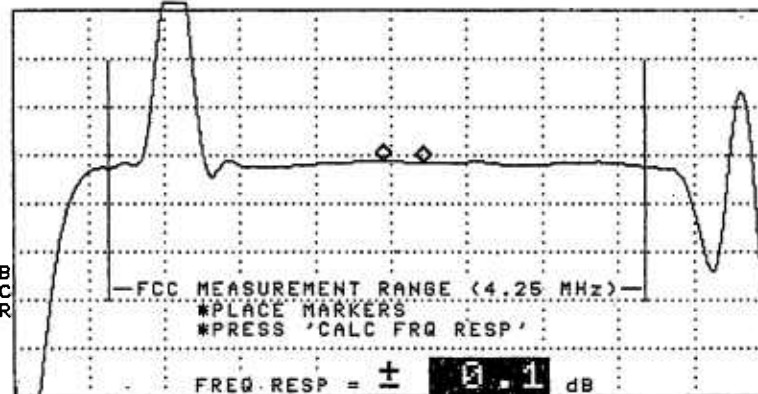
04:41:26 AUG 15, 2006

CHANNEL 10 (STD)
REF 3.9 dBmV #AT 0 dB

MKR 164.940 MHz
-8.57 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

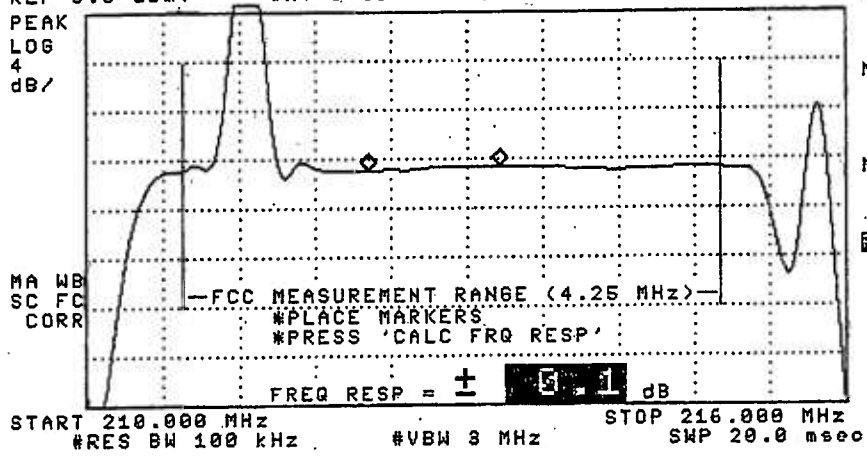
CALC
FRQ RESP

MAIN
MENU

START 162.000 MHz STOP 168.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

04:42:35 AUG 15, 2006
CHANNEL 35 (STD)
REF 3.6 dBmV #AT 0 dB

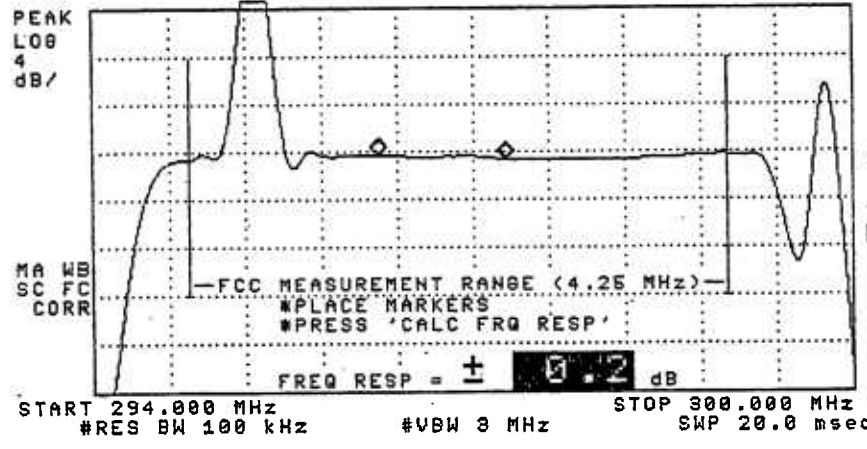
MKR 212.220 MHz
-9.97 dBmV MARKER 1



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN MENU

04:43:36 AUG 15, 2006
CHANNEL 35 (STD)
REF 3.0 dBmV #AT 0 dB

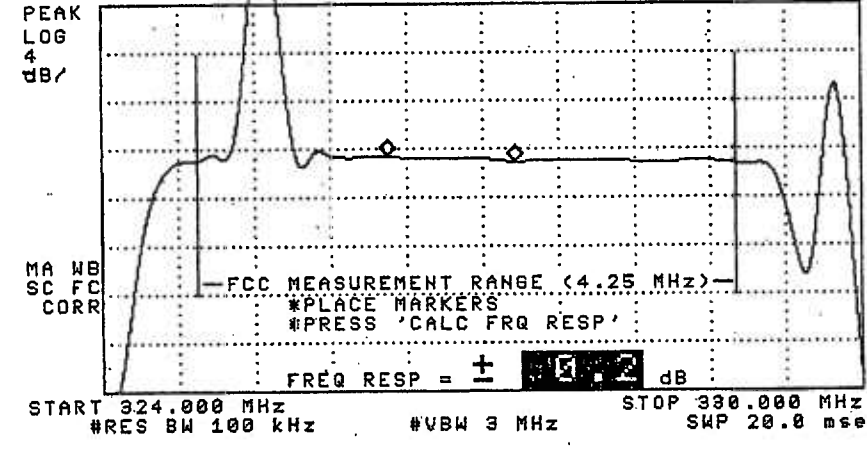
MKR 296.250 MHz
-9.31 dBmV MARKER 1



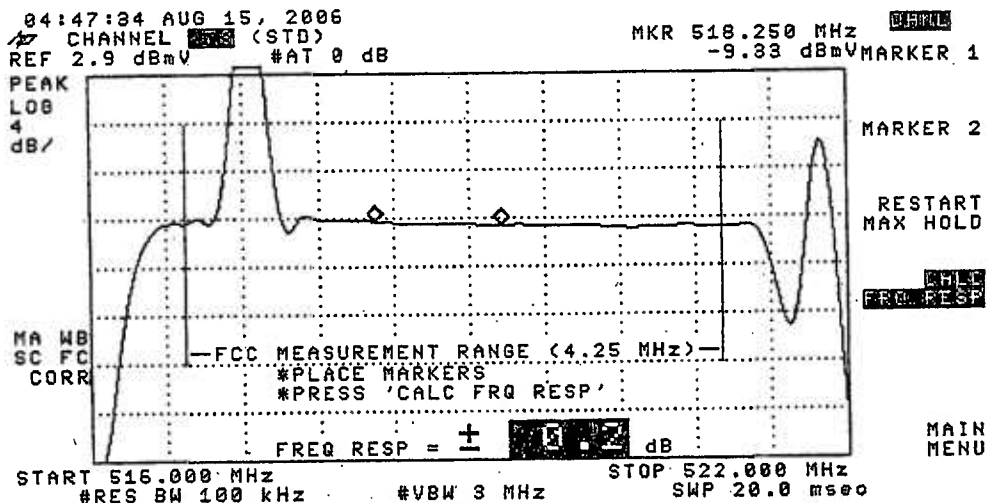
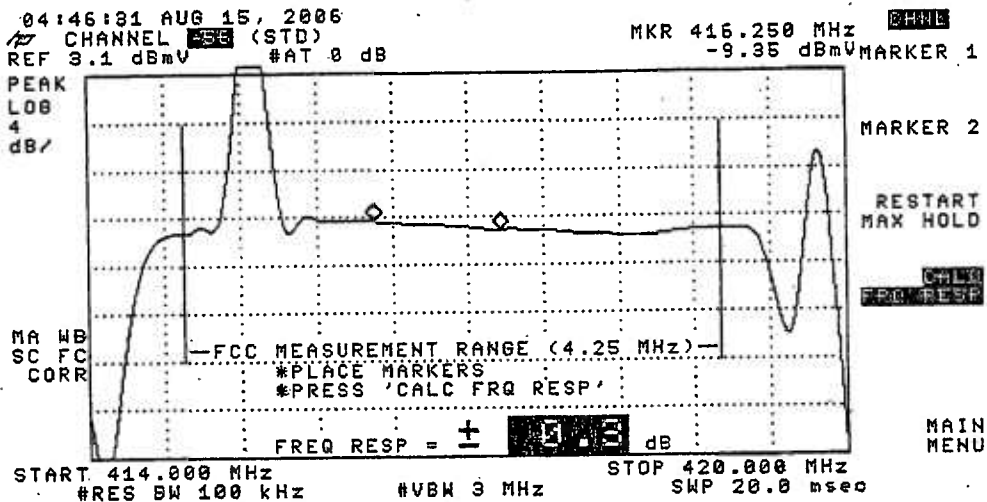
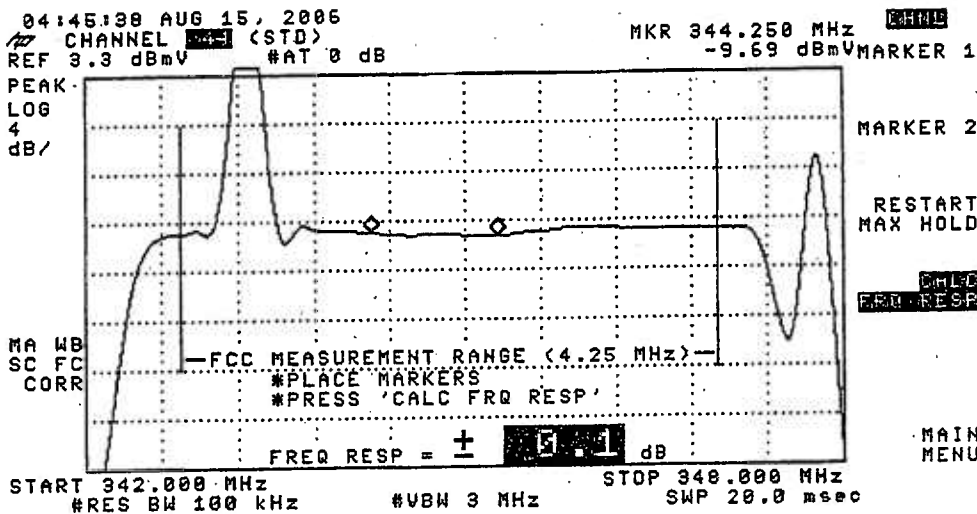
MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN MENU

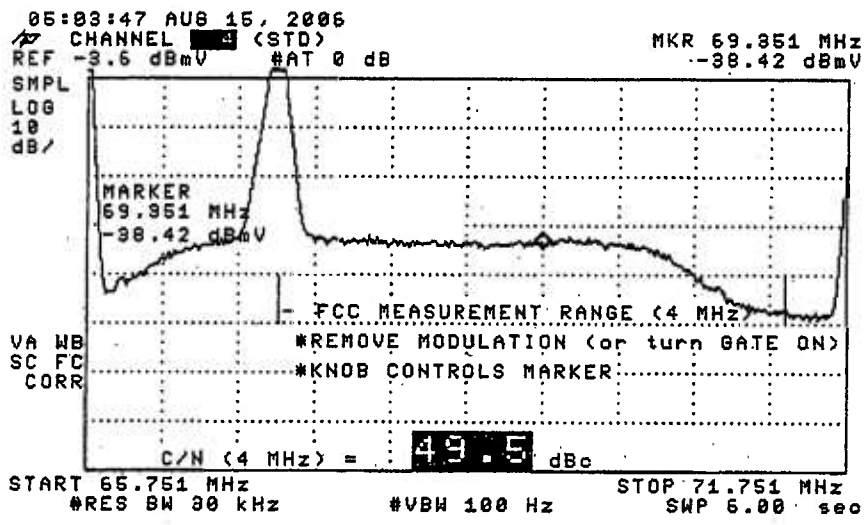
04:44:32 AUG 15, 2006
CHANNEL 35 (STD)
REF 3.5 dBmV #AT 0 dB

MKR 326.250 MHz
-9.20 dBmV MARKER 1

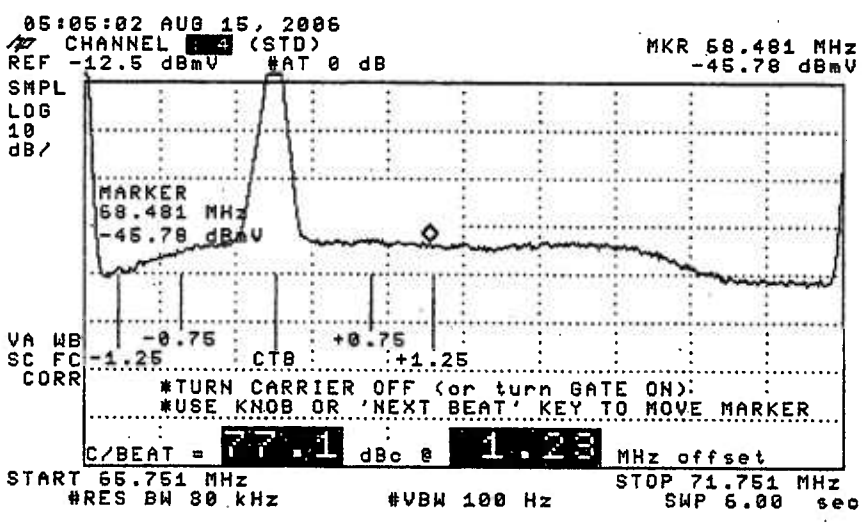


MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN MENU

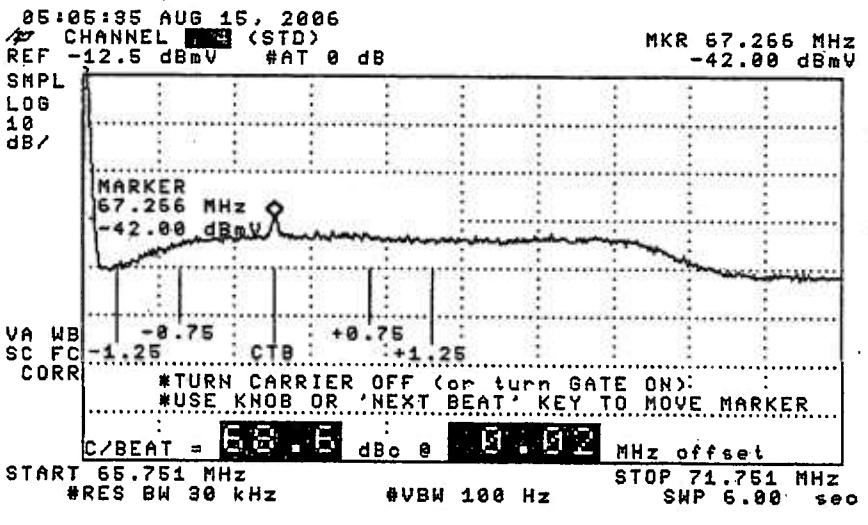




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU

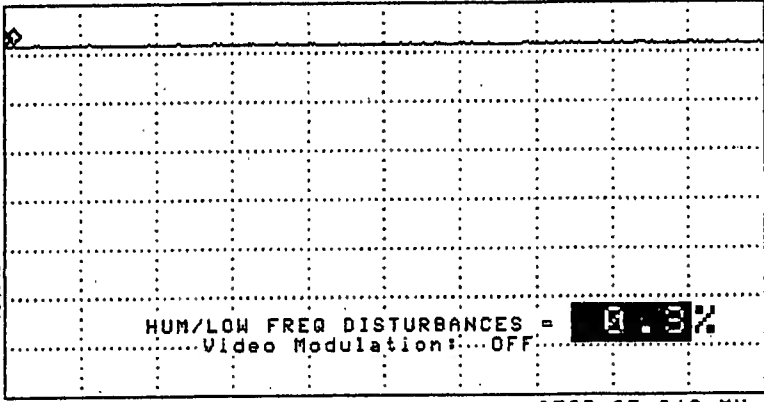
05:21:20 AUG 15, 2006
CHANNEL [] (STD)
REF 15.0 dBmV #AT 0 dB

MKR Δ -625.00 μsec
-.02 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.248 MHz #RES BW 1.0 MHz #VBW 1 kHz STOP 67.248 MHz #SWP 50.0 msec

TESTPOINT 5, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse
Date : 08/09/2006
Meter Serial Number : 223241

Test Location : Blanchard Blvd
Performed By : Don Singleton

		TEMP F						TEMP F					
		69.00	80.00	63.00	59.00			69.00	80.00	63.00	59.00		
		TIME						TIME					
		11:03:00	17:00:00	23:53:00	05:51:00			11:03:00	17:00:00	23:53:00	05:51:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.48	13.60	15.43	15.50	1.9	DD(40)	319.2625	12.93	12.03	14.18	14.62	2.59
3	61.2500	16.41	15.75	17.39	17.46	1.71	EE(41)	325.2625	12.96	12.01	14.19	14.62	2.61
4	67.2500	16.29	15.63	17.32	17.44	1.81	FF(42)	331.2750	13.45	12.36	14.74	15.17	2.81
5	77.2500	14.94	13.97	15.87	15.96	1.99	GG(43)	337.2625	13.31	12.23	14.48	15.04	2.81
6	83.2500	14.74	13.97	15.71	15.77	1.8	HH(44)	343.2625	13.60	12.51	14.27	15.32	2.81
A-5(95)	91.2500						II(45)	349.2625	13.57	12.43	14.64	15.30	2.87
A-4(96)	97.2500						JJ(46)	355.2625	13.47	12.26	14.68	15.36	3.1
A-3(97)	103.2500						KK(47)	361.2625	13.27	12.07	14.60	15.18	3.11
A-2(98)	109.2750	12.92	12.89	12.87	12.30	0.62	LL(48)	367.2625	12.70	11.54	14.04	14.51	2.97
A-1(99)	115.2750	12.20	11.35	13.18	13.31	1.96	MM(49)	373.2625	12.61	11.42	14.02	14.52	3.1
A(14)	121.2625	14.93	14.15	15.99	16.15	2	NN(50)	379.2625	11.90	10.72	13.33	13.80	3.08
B(15)	127.2625	14.42	13.79	15.49	15.64	1.85	OO(51)	385.2625	12.18	11.23	13.55	14.02	2.79
C(16)	133.2625	15.02	14.34	16.06	16.25	1.91	PP(52)	391.2625	11.68	10.58	13.02	13.55	2.97
D(17)	139.2500	14.88	14.11	16.07	16.21	2.1	QQ(53)	397.2625	11.80	10.66	13.11	13.61	2.95
B(18)	145.2500	14.39	13.63	15.64	15.75	2.12	RR(54)	403.2500	11.77	10.71	13.06	13.50	2.79
F(19)	151.3210	16.19	15.48	17.50	17.61	2.13	SS(55)	409.2500	12.18	11.09	13.41	13.95	2.86
G(20)	157.2500	14.41	13.80	15.76	15.90	2.1	TT(56)	415.2500	11.78	10.57	13.17	13.65	3.08
H(21)	163.2500	14.62	13.98	16.02	16.13	2.15	UU(57)	421.2500	11.90	10.75	13.29	13.70	2.95
I(22)	169.2500	14.82	14.27	16.17	16.32	2.05	VV(58)	427.2500	12.73	11.59	14.14	14.60	3.01
7	175.2500	14.30	13.63	15.63	15.68	2.05	WW(59)	433.2500	12.02	10.91	13.38	13.88	2.97
8	181.2500	14.30	13.66	15.62	15.88	2.22	XX(60)	439.2500	12.48	11.29	13.87	14.35	3.06
9	187.2500	14.03	13.19	15.30	15.55	2.36	YY(61)	445.2500	13.21	12.18	14.62	15.13	2.95
10	193.2500	13.79	13.14	15.27	15.16	2.13	ZZ(62)	451.2500	13.79	12.74	15.22	15.63	2.89
11	199.2500	13.95	13.08	15.13	15.50	2.42	63	457.2500	13.66	12.60	15.05	15.57	2.97
12	205.2500	14.00	13.08	15.09	15.35	2.27	64	463.2500	13.85	12.79	15.21	15.73	2.94
13	211.2500	13.39	12.48	14.00	14.25	1.77	65	469.2500	14.34	13.25	15.89	16.38	3.13
J(23)	217.2500	13.39	12.19	14.70	14.99	2.8	66	475.2500					
K(24)	223.2500	13.55	12.59	15.57	15.96	3.37	67	481.2500	13.89	12.92	15.35	15.89	2.97
L(25)	229.2625	13.33	12.85	13.61	14.00	1.15	68	487.2500	14.20	13.23	15.82	16.36	3.13
M(26)	235.2625	11.69	10.24	12.57	12.75	2.51	69	493.2500	13.68	12.80	15.40	15.94	3.14
N(27)	241.2625	11.71	10.02	12.46	12.67	2.65	70	499.2500	14.04	13.17	15.75	16.30	3.13
Q(28)	247.2625	12.87	11.43	13.71	13.84	2.41	71	505.2500	14.10	13.23	15.77	16.26	3.03
P(29)	253.2625	11.93	11.24	13.57	13.89	2.65	72	511.2500	14.33	13.40	16.09	16.60	3.2
Q(30)	259.2625	12.19	10.57	12.95	13.54	2.97	73	517.2500	14.26	13.35	15.99	16.57	3.22
R(31)	265.2625	12.89	11.79	13.79	13.93	2.14	74	523.2500	14.09	13.16	15.77	16.40	3.24
S(32)	271.2625	13.13	12.14	14.41	14.54	2.4	75	529.2500	13.64	12.75	15.26	15.82	3.07
T(33)	277.2625	12.98	12.18	15.29	15.82	3.64	76	535.2500	13.48	12.41	15.25	15.88	3.47
U(34)	283.2625	12.96	13.13	13.94	14.33	1.37	77	541.2500	12.61	11.55	14.34	14.89	3.34
V(35)	289.2625	12.93	11.70	13.90	14.35	2.65	78	547.2500	12.38	11.34	13.98	14.54	3.2
W(36)	295.2625	12.96	11.76	13.99	14.48	2.72	79	553.2500					
AA(37)	301.2625	12.26	11.18	13.31	13.82	2.64	80	559.2500	11.82	10.59	13.59	14.06	3.47
BB(38)	307.2625	12.63	11.51	13.70	14.11	2.6	81	565.2500					
CC(39)	313.2625	13.07	11.90	14.18	14.69	2.79							

Max Non Adjacent Channel Level Diff :- 5.73
Max Adjacent Channel Level Diff :- 2.84
Max Variance from last proof of performance test :- 4.85
Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 6, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 6
Hub Name : Meridian
Location : Prine Rd.
Map Number : 257-5698
Pole Number : 15/3
D.T. Value : 17-4
OR Number : 130
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 6, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Prine Rd.
Date : 08/09/2006 Time : 11:32:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	14.15	-0.19		14.34	DD (40)	319.2625	10.58	-4.20		14.78
3	61.2500	14.26	-0.93		15.19	EE (41)	325.2625	10.50	-4.17		14.67
4	67.2500	13.59	-1.36		14.95	FF (42)	331.2750	10.58	-4.05		14.63
5	77.2500	12.36	-2.95		15.31	GG (43)	337.2625	10.51	-4.24		14.75
6	83.2500	12.34	-2.55		14.89	HH (44)	343.2625	10.79	-3.78		14.57
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	10.81	-4.17		14.98
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	10.71	-4.40		15.11
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	10.76	-4.16		14.92
A-2 (98)	109.2750	11.85	-3.15		15	LL (48)	367.2625	10.72	-4.37		15.09
A-1 (99)	115.2750	11.26	-3.16		14.42	MM (49)	373.2625	10.57	-4.58		15.15
A (14)	121.2625	11.37	-3.10		14.47	NN (50)	379.2625	10.18	-4.53		14.71
B (15)	127.2625	11.18	-3.66		14.84	OO (51)	385.2625	10.13	-4.71		14.84
C (16)	133.2625	11.30	-3.24		14.54	PP (52)	391.2625	9.92	-4.73		14.65
D (17)	139.2500	10.77	-3.00		13.77	QQ (53)	397.2625	9.72	-5.29		15.01
E (18)	145.2500	11.77	-3.13		14.9	RR (54)	403.2500	9.66	-3.31		14.97
F (19)	151.3210	13.43	-1.07		14.5	SS (55)	409.2500	9.31	-5.76		15.07
G (20)	157.2500	12.38	-2.52		14.9	TT (56)	415.2500	9.37	-6.32		15.69
H (21)	163.2500	12.65	-2.14		14.79	UU (57)	421.2500	9.02	-5.96		14.98
I (22)	169.2500	12.75	-1.82		14.57	VV (58)	427.2500	9.02	-5.54		14.56
7	175.2500	12.80	-1.60		14.4	WW (59)	433.2500	9.01	-6.13		15.14
8	181.2500	12.69	-1.86		14.55	XX (60)	439.2500	9.19	-5.25		14.44
9	187.2500	12.64	-2.29		14.93	YY (61)	445.2500	9.58	-4.91		14.49
10	193.2500	12.49	-2.02		14.51	ZZ (62)	451.2500	10.01	-4.22		14.23
11	199.2500	13.26	-2.66		15.92	63	457.2500	10.39	-3.83		14.22
12	205.2500	12.57	-1.77		14.34	64	463.2500	10.57	-3.97		14.54
13	211.2500	12.16	-3.61		15.77	65	469.2500	10.79	-3.75		14.54
J (23)	217.2500	12.19	-2.51		14.7	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	12.14	-2.48		14.62	67	481.2500	11.25	-3.79		15.04
L (25)	229.2625	12.16	-2.28		14.44	68	487.2500	11.04	-4.23		15.27
M (26)	235.2625	11.93	-2.72		14.65	69	493.2500	10.75	-3.28		14.03
N (27)	241.2625	11.77	-3.70		15.47	70	499.2500	11.83	-2.37		14.2
O (28)	247.2625	10.97	-3.74		14.71	71	505.2500	12.30	-2.44		14.74
P (29)	253.2625	11.16	-3.45		14.61	72	511.2500	12.41	-2.49		14.9
Q (30)	259.2625	11.41	-2.98		14.39	73	517.2500	12.77	-1.82		14.59
R (31)	265.2625	11.76	-3.00		14.76	74	523.2500	12.55	-2.26		14.81
S (32)	271.2625	11.50	-2.97		14.47	75	529.2500	12.52	-1.79		14.31
T (33)	277.2625	11.32	-3.07		14.39	76	535.2500	12.25	-2.09		14.34
U (34)	283.2625	11.27	-3.64		14.91	77	541.2500	12.66	-2.27		14.93
V (35)	289.2625	11.25	-4.10		15.35	78	547.2500	12.53	-2.75		15.28
W (36)	295.2625	11.24	-3.65		14.89	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	11.12	-3.59		14.71	80	559.2500	12.43	-2.07		14.5
BB (38)	307.2625	11.04	-3.86		14.9	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	11.10	-3.47		14.57						

Min Channel	:	WW(59)	9.010
Max Channel	:	3	14.260
Peak to Valley	:	5.25	

TESTPOINT 6, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST

System Name : Syracuse
Performed By : Don Palmer
Location : Prine Rd.

Date : 8/15/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.8	69.8	78.7	0.5
16	0.1	48.0	67.8	75.7	
21	0.2	49.0	65.2	75.9	
13	0.0	48.3	63.5	72.1	
36	0.1	49.1	63.9	70.6	
41	0.2	48.7	61.8	76.0	
44	0.0	48.9	63.1	72.5	
56	0.2	48.1	61.8	71.5	
73	0.1	48.1	63.0	65.2	

TESTPOINT 6, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/15/2006

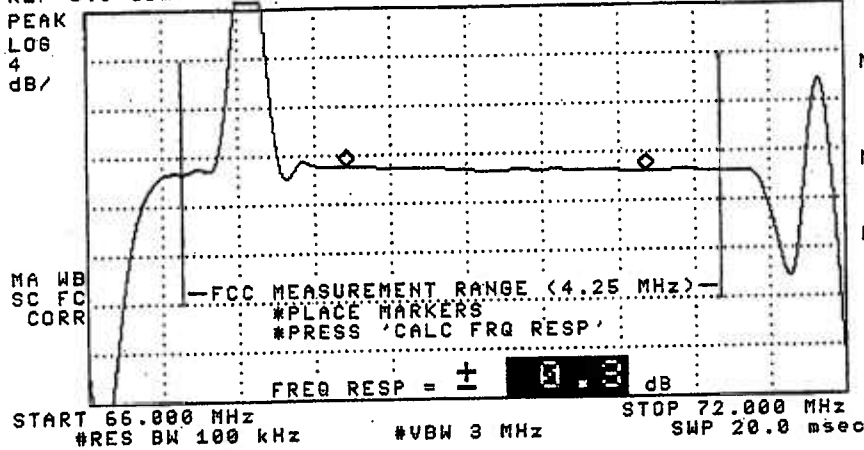
Performed By : Don Palmer

Location : Prine Rd.

(SEE THE ATTACHED SWEEP TRACES)

00:34:02 AUG 15, 2006
CHANNEL 14 (STD)
REF 5.3 dBmV #AT 0 dB

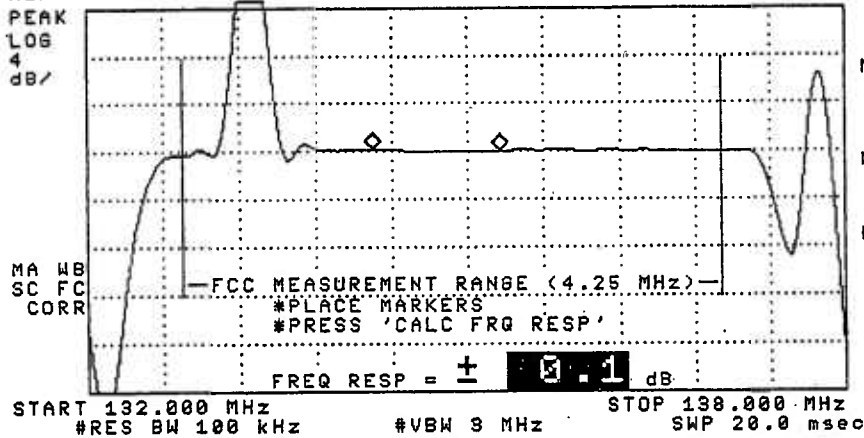
MKR 68.055 MHz CHNL
-7.59 dBmV MARKER 1



MARKER 2
RESTART MAX HOLD
CALC FRQ RESP
MAIN MENU

00:36:39 AUG 15, 2006
CHANNEL 15 (STD)
REF 2.2 dBmV #AT 0 dB

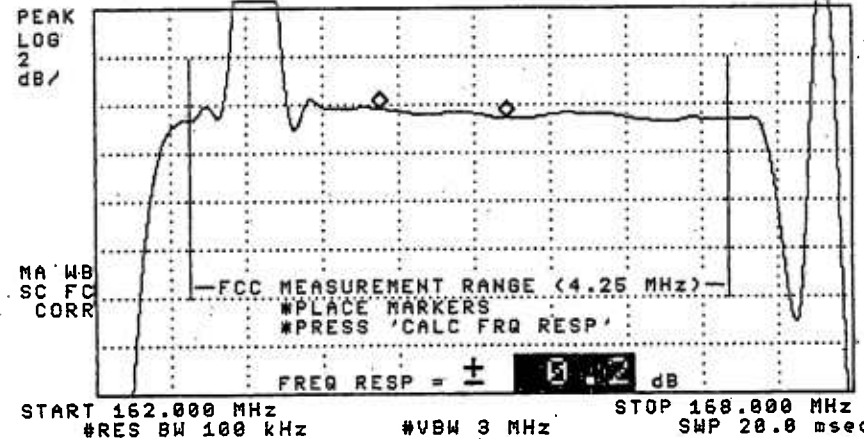
MKR 134.250 MHz CHNL
-9.71 dBmV MARKER 1



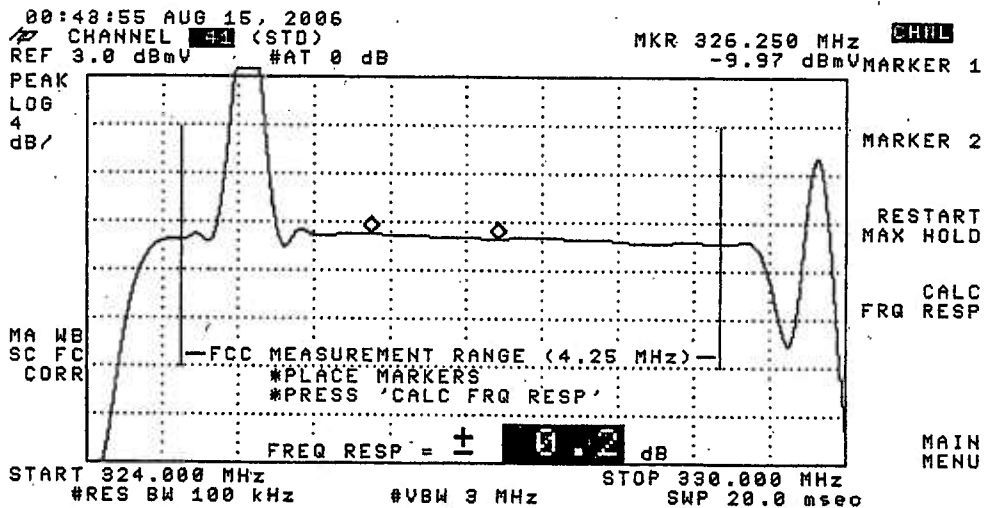
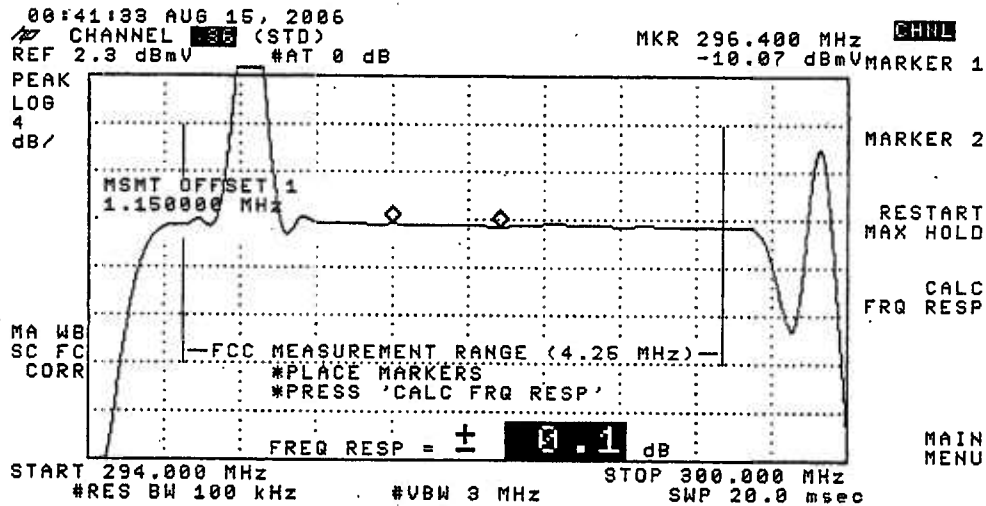
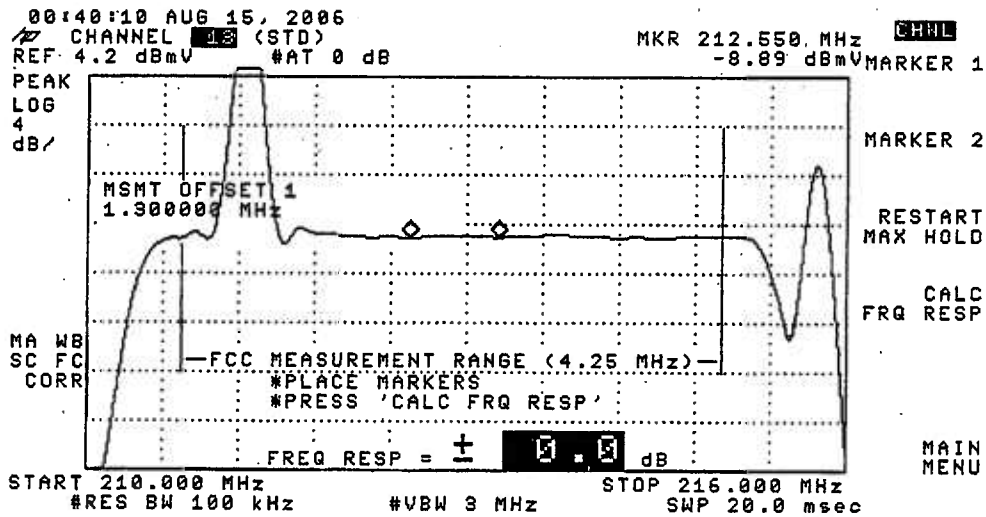
MARKER 2
RESTART MAX HOLD
CALC FRQ RESP
MAIN MENU

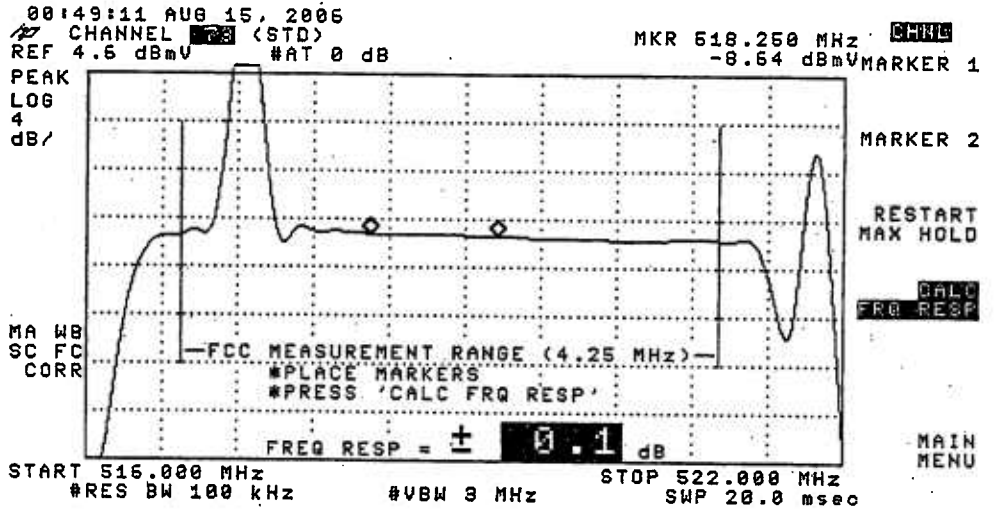
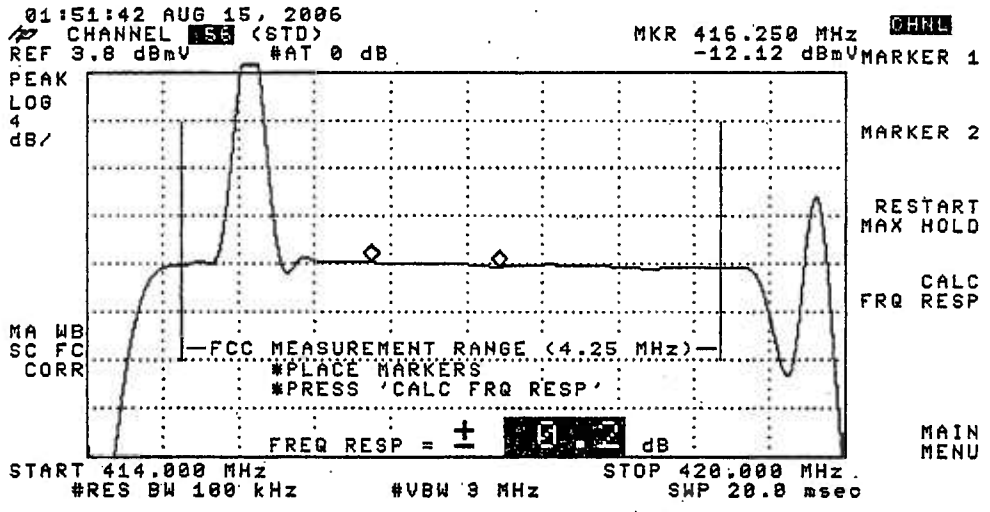
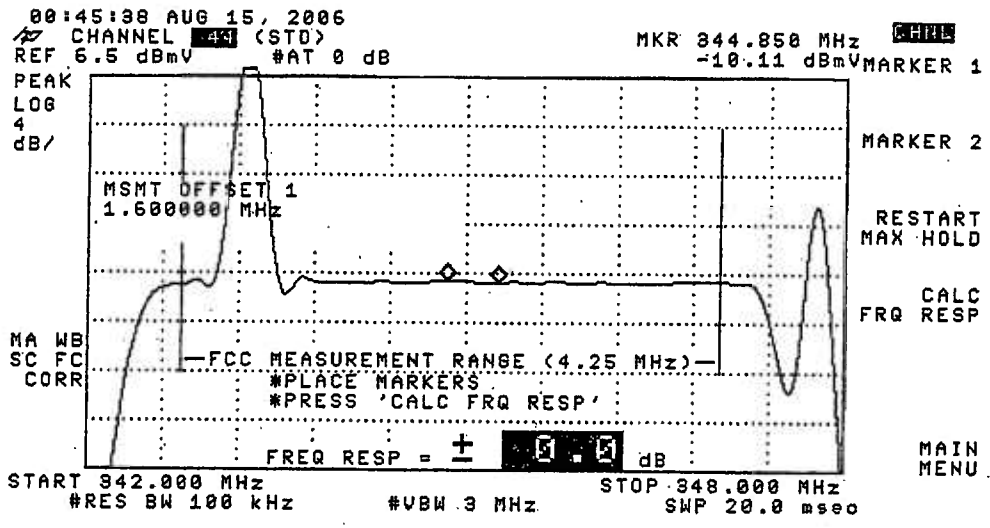
00:38:26 AUG 15, 2006
CHANNEL 21 (STD)
REF -3.4 dBmV #AT 0 dB

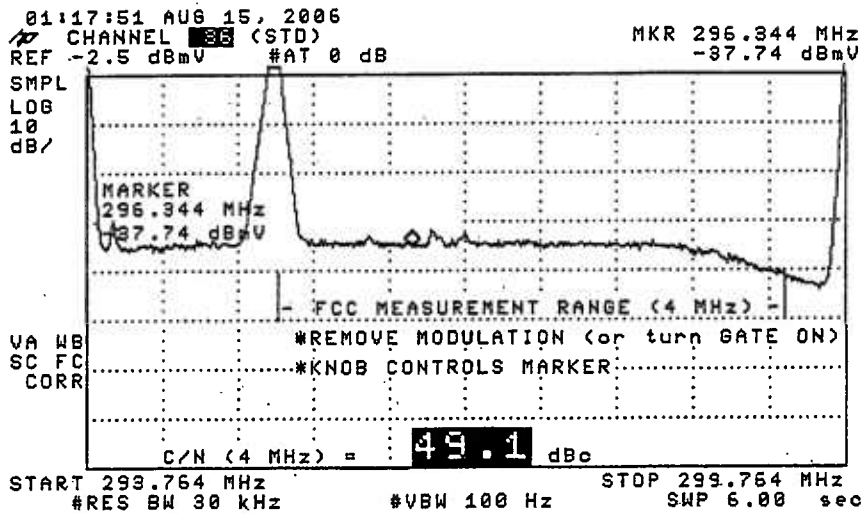
MKR 154.250 MHz CHNL
-7.60 dBmV MARKER 1



MARKER 2
RESTART MAX HOLD
CALC FRQ RESP
MAIN MENU







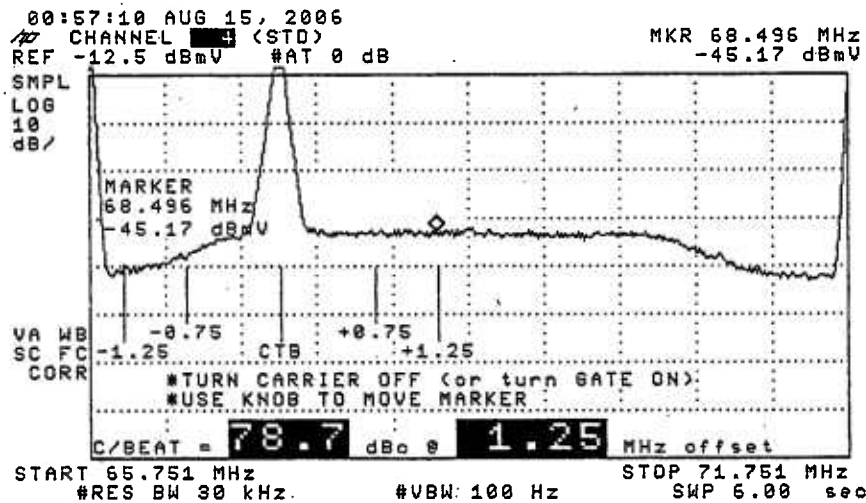
CHNL
 GATE ON OFF

AVERAGE ON OFF

MORE INFO

More

MAIN MENU



CHNL
 GATE ON OFF

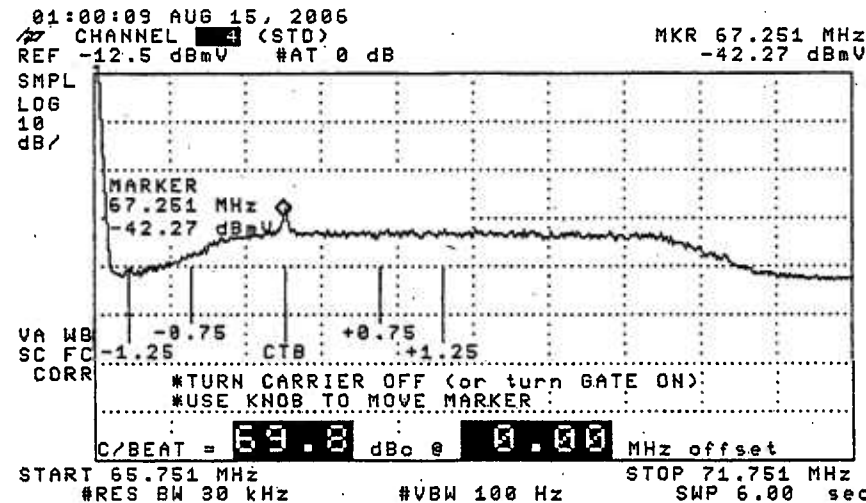
AVERAGE ON OFF

ZOOM & MEASURE

Gated CTB

More

MAIN MENU



CHNL
 GATE ON OFF

AVERAGE ON OFF

ZOOM & MEASURE

Gated CTB

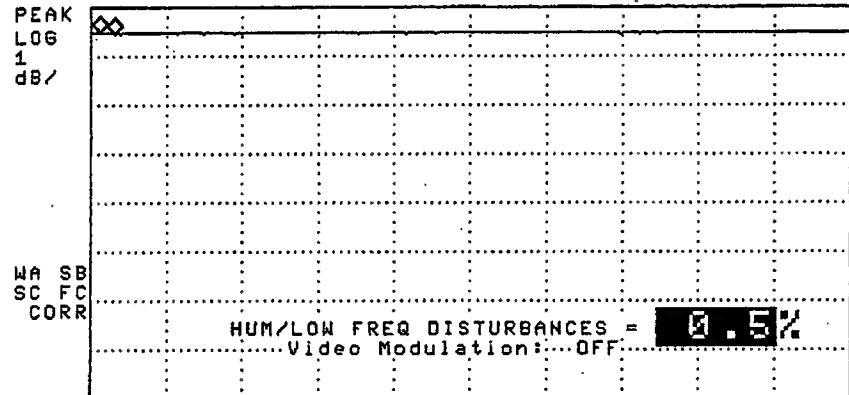
More

MAIN MENU

00:51:09 AUG 15, 2006
CHANNEL 4 (STD)
REF 14.5 dBmV #AT 0 dB

MKR Δ 1.0000 msec
-0.04 dB

CHNL



MORE INFO

MAIN MENU

START 67.238 MHz #RES BW 1.0 MHz #VBW 1 kHz STOP 67.238 MHz #SWP 50.0 msec

TESTPOINT 6, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Prine Rd.
 Date : 08/09/2006 Performed By : Don Singleton
 Meter Serial Number : 223241

		TEMP F					TEMP F									
		70.00	80.00	61.00	57.00						70.00	80.00	61.00	57.00		
		TIME					TIME									
		11:32:00	17:30:00	00:20:00	05:22:00						11:32:00	17:30:00	00:20:00	05:22:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)					MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)					MAX VAR	
2	55.2500	14.15	13.64	14.73	15.15	1.51	DD(40)	319.2625	10.58	10.30	11.05	11.09	0.79			
3	61.2500	14.26	13.88	14.76	15.19	1.31	EE(41)	325.2625	10.50	10.22	10.94	11.07	0.85			
4	67.2500	13.59	13.33	14.08	14.59	1.26	FF(42)	331.2750	10.58	10.24	11.06	11.14	0.9			
5	77.2500	12.36	11.90	12.89	13.30	1.4	GG(43)	337.2625	10.51	10.28	11.10	11.11	0.83			
6	83.2500	12.34	11.96	12.87	13.28	1.32	HH(44)	343.2625	10.79	10.43	11.28	11.39	0.96			
A-5(95)	91.2500						II(45)	349.2625	10.81	10.41	11.28	11.45	1.04			
A-4(96)	97.2500						JJ(46)	355.2625	10.71	10.25	11.25	11.36	1.11			
A-3(97)	103.2500						KK(47)	361.2625	10.76	10.29	11.29	11.39	1.1			
A-2(98)	109.2750	11.85	11.50	12.40	12.72	1.22	LL(48)	367.2625	10.72	10.39	11.25	11.32	0.93			
A-1(99)	115.2750	11.26	11.00	11.75	12.02	1.02	MM(49)	373.2625	10.57	10.35	11.18	11.22	0.87			
A(14)	121.2625	11.37	11.03	11.88	12.19	1.16	NN(50)	379.2625	10.18	9.97	10.71	10.79	0.82			
B(15)	127.2625	11.18	10.91	11.68	12.01	1.1	OO(51)	385.2625	10.13	9.99	10.75	10.83	0.84			
C(16)	133.2625	11.30	11.01	11.73	12.10	1.09	PP(52)	391.2625	9.92	9.71	10.61	10.61	0.9			
D(17)	139.2500	10.77	10.45	11.23	11.51	1.06	QQ(53)	397.2625	9.72	9.39	10.37	10.44	1.05			
E(18)	145.2500	11.77	11.38	12.04	12.35	0.97	RR(54)	403.2500	9.66	9.34	10.25	10.34	1			
F(19)	151.3210	13.43	13.11	13.74	14.05	0.94	SS(55)	409.2500	9.31	9.04	9.80	9.91	0.87			
G(20)	157.2500	12.38	12.06	12.71	12.97	0.91	TT(56)	415.2500	9.37	9.00	9.86	9.88	0.88			
H(21)	163.2500	12.65	12.39	13.07	13.32	0.93	UU(57)	421.2500	9.02	8.72	9.63	9.57	0.91			
I(22)	169.2500	12.75	12.55	13.15	13.39	0.84	VV(58)	427.2500	9.02	8.74	9.63	9.67	0.93			
7	175.2500	12.80	12.54	13.17	13.38	0.84	WW(59)	433.2500	9.01	8.64	9.62	9.69	1.05			
8	181.2500	12.69	12.31	13.06	13.28	0.97	XX(60)	439.2500	9.19	8.90	9.79	9.84	0.94			
9	187.2500	12.64	12.24	12.98	13.21	0.97	YY(61)	445.2500	9.58	9.27	10.12	10.23	0.96			
10	193.2500	12.49	12.23	12.89	12.93	0.7	ZZ(62)	451.2500	10.01	9.77	10.64	10.64	0.87			
11	199.2500	13.26	12.80	13.72	13.95	1.15	63	457.2500	10.39	10.06	10.95	10.88	0.89			
12	205.2500	12.57	11.98	12.82	13.18	1.2	64	463.2500	10.57	10.18	11.16	11.16	0.98			
13	211.2500	12.16	11.73	12.36	12.57	0.84	65	469.2500	10.79	10.37	11.45	11.34	1.08			
J(23)	217.2500	12.19	11.82	12.44	12.66	0.84	66	475.2500								
K(24)	223.2500	12.14	11.69	12.44	12.62	0.93	67	481.2500	11.25	10.84	11.59	11.51	0.75			
L(25)	229.2625	12.16	11.61	12.39	12.59	0.98	68	487.2500	11.04	10.84	11.11	11.07	0.27			
M(26)	235.2625	11.93	11.42	12.29	12.39	0.97	69	493.2500	10.75	10.62	11.92	11.86	1.3			
N(27)	241.2625	11.77	11.31	12.13	12.38	1.07	70	499.2500	11.83	11.26	12.54	12.51	1.28			
O(28)	247.2625	10.97	10.74	11.44	11.96	1.22	71	505.2500	12.30	11.90	12.87	12.90	1			
P(29)	253.2625	11.16	10.62	11.46	11.49	0.87	72	511.2500	12.41	12.08	12.98	12.96	0.9			
Q(30)	259.2625	11.41	11.04	11.81	11.92	0.88	73	517.2500	12.77	12.43	13.36	13.29	0.93			
R(31)	265.2625	11.76	11.34	12.13	12.25	0.91	74	523.2500	12.55	12.16	13.16	13.08	1			
S(32)	271.2625	11.50	11.11	11.86	12.02	0.91	75	529.2500	12.52	12.14	13.17	13.10	1.03			
T(33)	277.2625	11.32	11.05	11.63	11.82	0.77	76	535.2500	12.25	12.04	12.94	12.86	0.9			
U(34)	283.2625	11.27	10.99	11.62	11.63	0.64	77	541.2500	12.66	12.38	13.18	13.12	0.8			
V(35)	289.2625	11.25	10.89	11.66	11.59	0.77	78	547.2500	12.53	12.32	13.02	12.96	0.7			
W(36)	295.2625	11.24	10.86	11.52	11.52	0.66	79	553.2500								
AA(37)	301.2625	11.12	10.75	11.48	11.46	0.73	80	559.2500	12.43	12.25	12.82	12.73	0.57			
BB(38)	307.2625	11.04	10.70	11.38	11.39	0.69	81	565.2500								
CC(39)	313.2625	11.10	10.69	11.54	11.42	0.85										

Max Non Adjacent Channel Level Diff :- 5.62
 Max Adjacent Channel Level Diff :- 1.73
 Max Variance from last proof of performance test :- 5.86
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 7, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 7
Hub Name : Meridian
Location : Bonta Bridge
Map Number : 233-5670
Pole Number : 120-1
D.T. Value : 17-4
OR Number : 123
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 7, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Bonta Bridge
Date : 08/09/2006 Time : 12:00:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	15.76	1.38		14.38	DD (40)	319.2625	13.09	-1.78		14.87
3	61.2500	15.96	1.13		14.83	EE (41)	325.2625	13.16	-1.41		14.57
4	67.2500	15.63	0.87		14.76	FF (42)	331.2750	13.24	-1.21		14.45
5	77.2500	14.32	-1.53		15.85	GG (43)	337.2625	13.54	-1.20		14.74
6	83.2500	13.71	-0.94		14.65	HH (44)	343.2625	13.86	-0.49		14.35
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.07	-0.82		14.89
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	14.03	-1.05		15.08
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.17	-0.70		14.87
A-2 (98)	109.2750	13.18	-1.53		14.71	LL (48)	367.2625	14.36	-0.66		15.02
A-1 (99)	115.2750	12.94	-1.52		14.46	MM (49)	373.2625	14.32	-0.83		15.15
A (14)	121.2625	13.10	-1.50		14.6	NN (50)	379.2625	13.96	-0.68		14.64
B (15)	127.2625	12.89	-1.71		14.6	OO (51)	385.2625	13.99	-0.71		14.7
C (16)	133.2625	13.35	-0.97		14.32	PP (52)	391.2625	13.96	-0.77		14.73
D (17)	139.2500	13.04	-1.23		14.27	QQ (53)	397.2625	13.77	-1.37		15.14
E (18)	145.2500	13.29	-1.86		15.15	RR (54)	403.2500	13.60	-1.48		15.08
F (19)	151.3210	14.96	0.57		14.39	SS (55)	409.2500	13.27	-2.02		15.29
G (20)	157.2500	13.91	-1.10		15.01	TT (56)	415.2500	13.14	-2.61		15.75
H (21)	163.2500	14.25	-0.74		14.99	UU (57)	421.2500	12.62	-2.48		15.1
I (22)	169.2500	14.29	-0.38		14.67	VV (58)	427.2500	12.46	-2.19		14.65
7	175.2500	14.20	-0.15		14.35	WW (59)	433.2500	12.16	-2.88		15.04
8	181.2500	13.99	-0.38		14.37	XX (60)	439.2500	12.33	-2.12		14.45
9	187.2500	13.99	-0.98		14.97	YY (61)	445.2500	12.59	-2.00		14.59
10	193.2500	13.85	-1.32		15.17	ZZ (62)	451.2500	12.85	-1.35		14.2
11	199.2500	14.29	-1.25		15.54	63	457.2500	13.24	-1.06		14.3
12	205.2500	14.03	-0.36		14.39	64	463.2500	13.40	-1.21		14.61
13	211.2500	13.39	-2.02		15.41	65	469.2500	13.46	-1.29		14.75
J (23)	217.2500	13.52	-0.84		14.36	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	13.57	-0.91		14.48	67	481.2500	13.92	-1.06		14.98
L (25)	229.2625	13.75	-0.81		14.56	68	487.2500	13.90	-0.66		14.56
M (26)	235.2625	13.66	-1.13		14.79	69	493.2500	14.36	0.13		14.23
N (27)	241.2625	13.54	-2.37		15.91	70	499.2500	14.92	0.86		14.06
O (28)	247.2625	12.22	-2.24		14.46	71	505.2500	15.57	1.05		14.52
P (29)	253.2625	12.76	-1.74		14.5	72	511.2500	15.73	1.41		14.32
Q (30)	259.2625	12.91	-1.23		14.14	73	517.2500	16.41	2.26		14.15
R (31)	265.2625	13.32	-1.40		14.72	74	523.2500	16.65	2.11		14.54
S (32)	271.2625	13.27	-1.34		14.61	75	529.2500	17.06	2.81		14.25
T (33)	277.2625	13.16	-1.26		14.42	76	535.2500	17.15	2.75		14.4
U (34)	283.2625	13.07	-1.57		14.64	77	541.2500	17.62	2.64		14.98
V (35)	289.2625	13.18	-2.04		15.22	78	547.2500	17.54	2.09		15.45
W (36)	295.2625	13.27	-1.57		14.84	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.10	-1.52		14.62	80	559.2500	17.45	3.08		14.37
BB (38)	307.2625	12.97	-1.77		14.74	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.23	-1.24		14.47						

Min Channel	:	WW(59)	12.160
Max Channel	:	77	17.620
Peak to Valley	:	5.46	

TESTPOINT 7, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST

System Name : Syracuse
Performed By : Don Palmer
Location : Bonta Bridge

Date : 8/15/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.4	67.2	75.0	0.6
16	0.2	48.0	67.1	78.1	
21	0.2	48.5	66.8	76.9	
13	0.2	47.6	65.6	68.8	
36	0.1	48.0	64.7	68.2	
41	0.1	48.3	63.5	67.6	
44	0.0	49.2	65.0	65.6	
56	0.2	48.3	64.7	64.9	
73	-0.1	48.2	67.8	63.6	

TESTPOINT 7, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

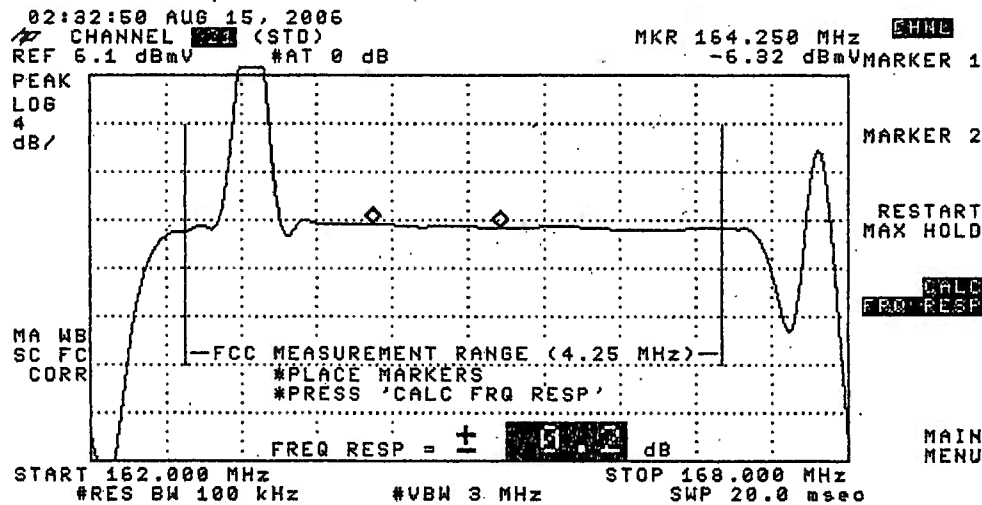
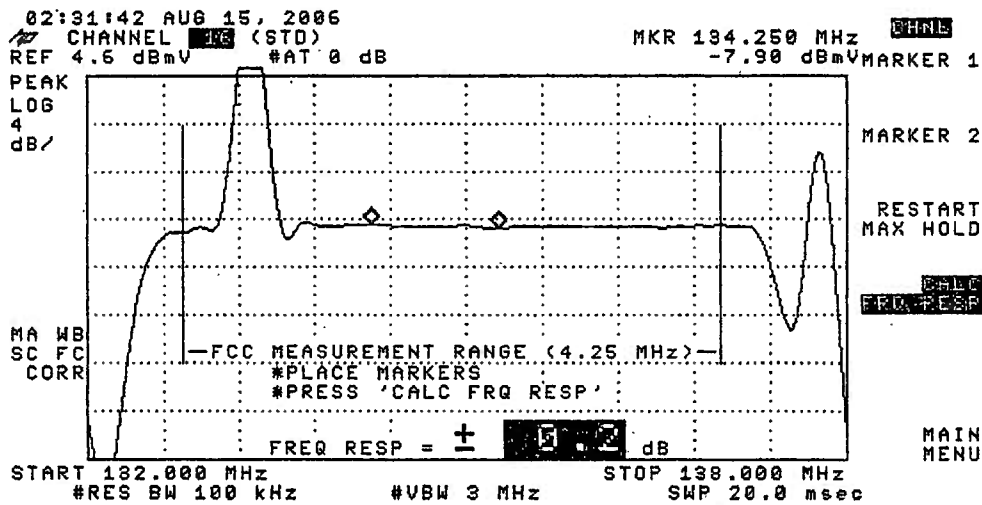
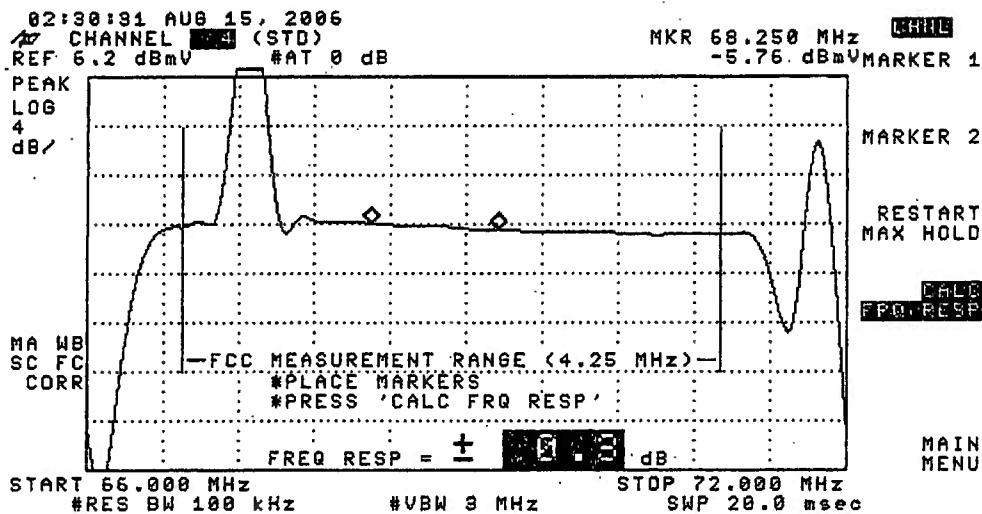
System Name : Syracuse

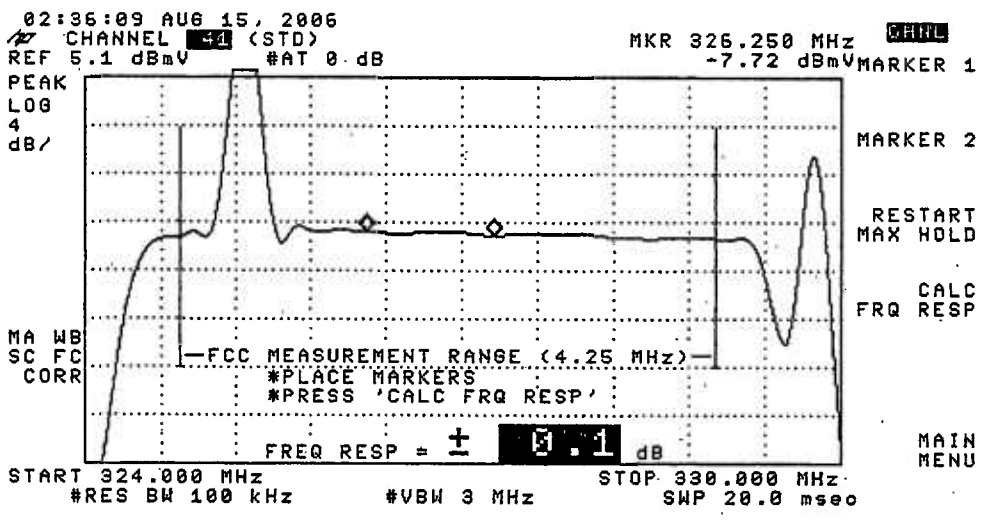
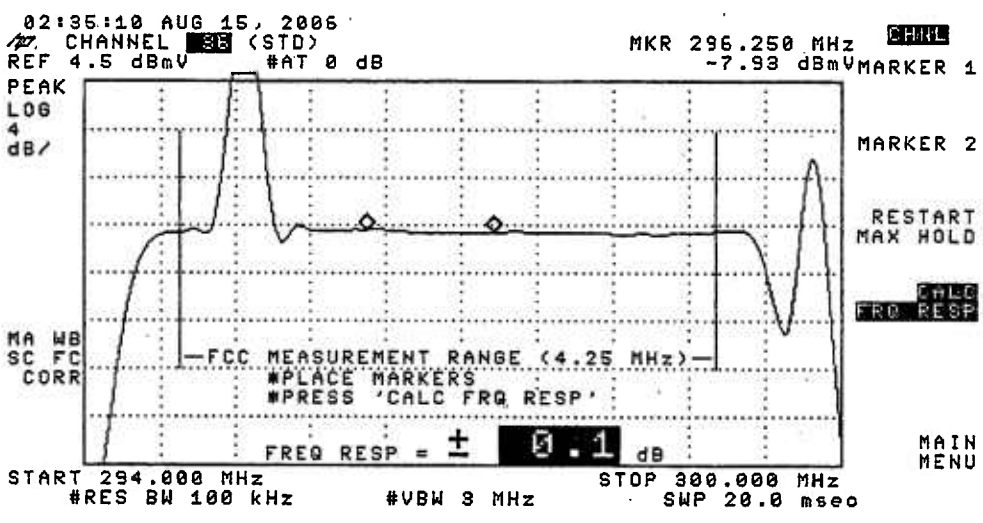
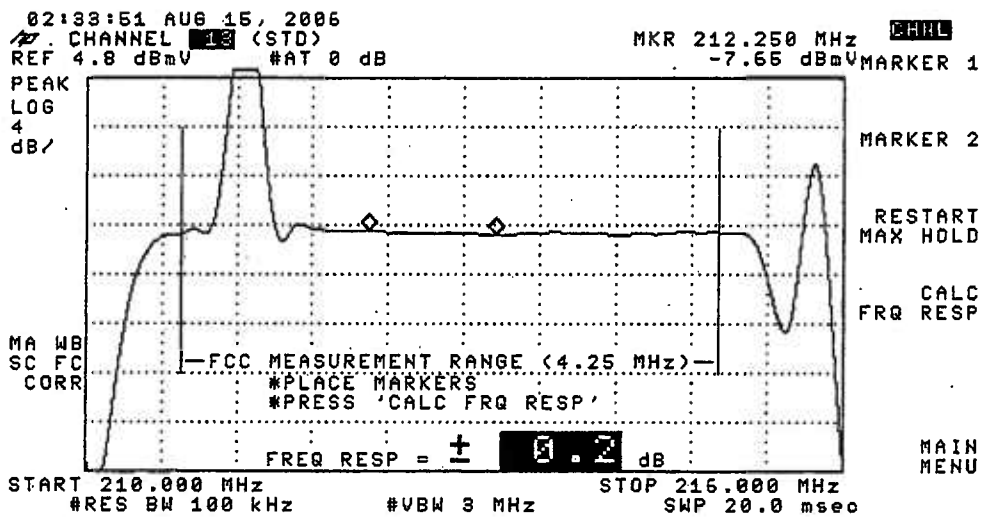
Date : 8/15/2006

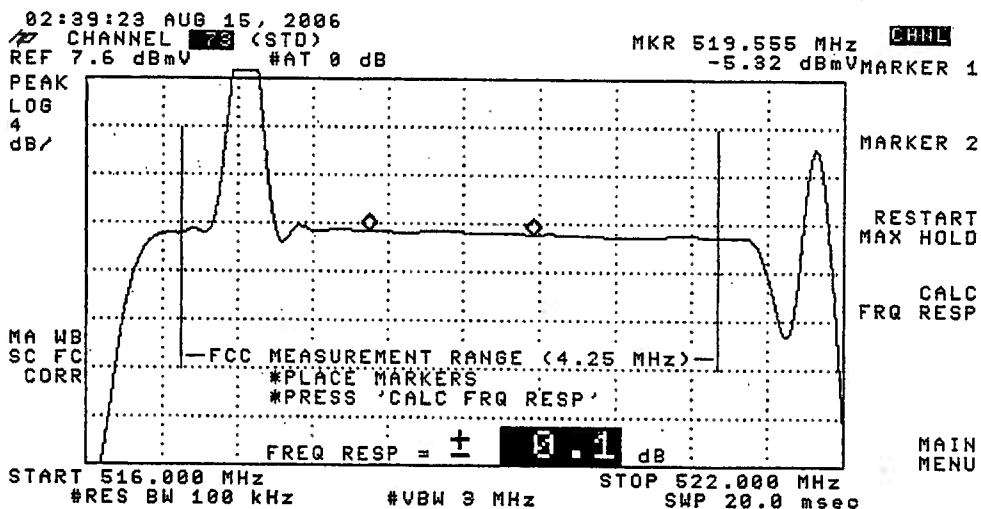
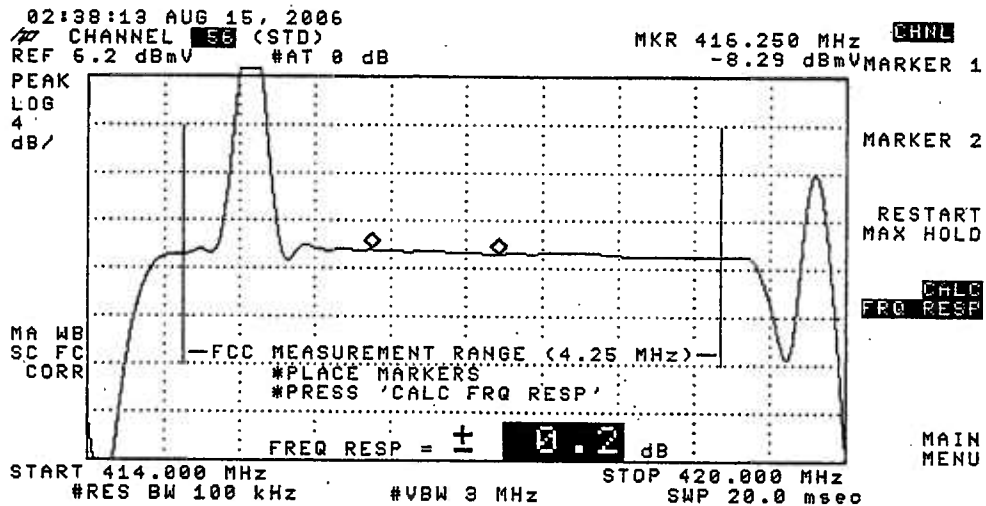
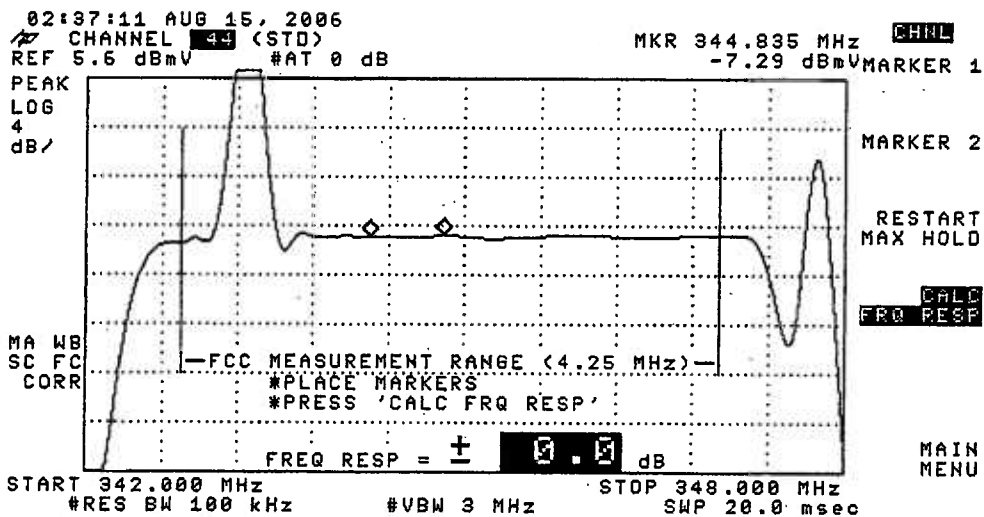
Performed By : Don Palmer

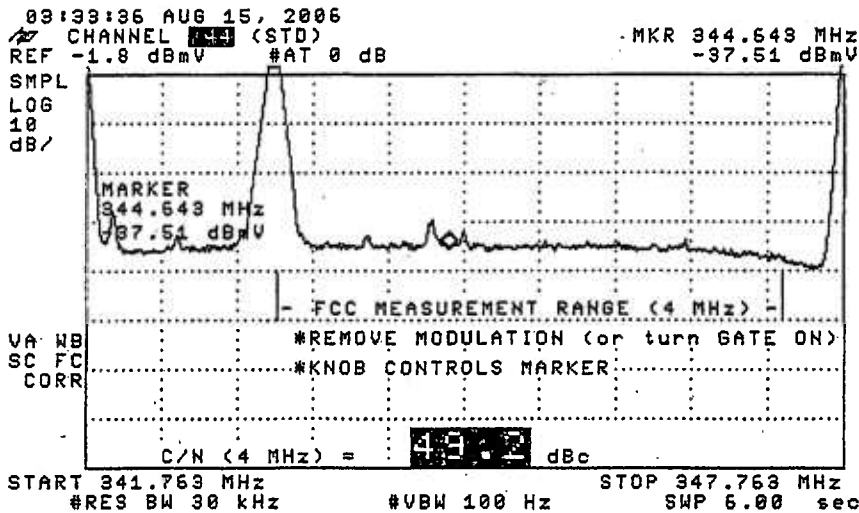
Location : Bonta Bridge

(SEE THE ATTACHED SWEEP TRACES)

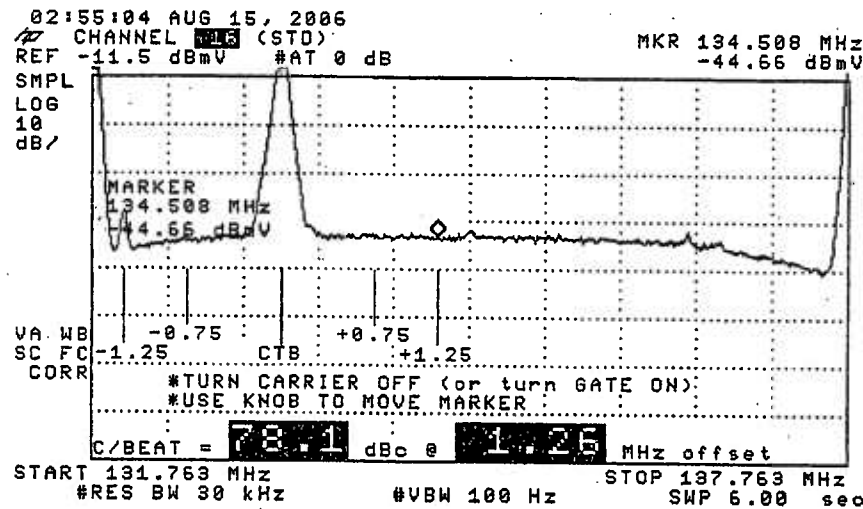




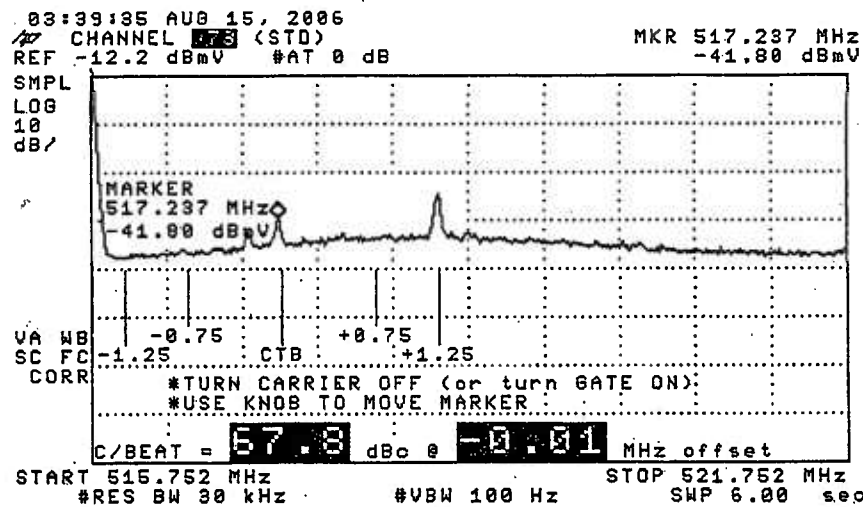




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



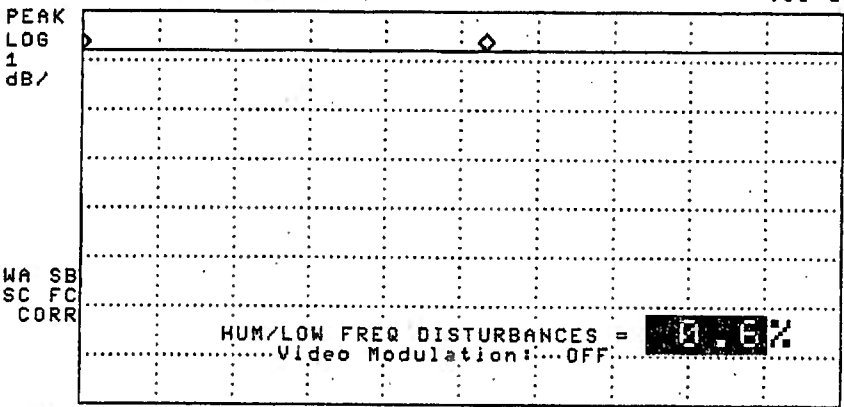
CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

02:41:32 AUG 15, 2006

CHANNEL 4 (STD)
REF 17.0 dBmV #AT 0 dB

MKR Δ 26.625 msec
- .05 dB

CHNL



START 67.235 MHz #RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec
STOP 67.235 MHz

MORE
INFO

MAIN
MENU

TESTPOINT 7, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Bonta Bridge
 Date : 08/09/2006 Performed By : Don Singleton
 Meter Serial Number : 223241

		TEMP F							TEMP F						
		70.00	78.00	61.00	57.00			70.00	78.00	61.00	57.00				
		TIME							TIME						
		12:00:00	18:00:00	00:44:00	05:49:00			12:00:00	18:00:00	00:44:00	05:49:00				
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)					MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)					MAX VAR
2	55.2500	15.76	15.36	16.53	16.79	1.43	DD(40)	319.2625	13.09	12.95	13.67	13.61	0.72		
3	61.2500	15.96	15.68	16.72	17.00	1.32	BB(41)	325.2625	13.16	13.04	13.85	13.80	0.81		
4	67.2500	15.63	15.40	16.35	16.55	1.15	FF(42)	331.2750	13.24	13.03	13.94	13.95	0.92		
5	77.2500	14.32	13.97	15.07	15.30	1.33	GG(43)	337.2625	13.54	13.25	14.10	14.09	0.85		
6	83.2500	13.71	13.43	14.48	14.60	1.17	HH(44)	343.2625	13.86	13.72	14.46	14.50	0.78		
A-5(95)	91.2500						II(45)	349.2625	14.07	14.00	14.89	14.84	0.89		
A-4(96)	97.2500						JJ(46)	355.2625	14.03	13.85	14.82	14.93	1.08		
A-3(97)	103.2500						KK(47)	361.2625	14.17	14.02	14.98	14.94	0.96		
A-2(98)	109.2750	13.18	12.74	13.90	14.16	1.42	LL(48)	367.2625	14.36	14.15	15.14	15.16	1.01		
A-1(99)	115.2750	12.94	12.53	13.67	13.88	1.35	MM(49)	373.2625	14.32	14.17	15.10	15.06	0.93		
A(14)	121.2625	13.10	12.75	13.80	13.96	1.21	NN(50)	379.2625	13.96	13.93	14.75	14.82	0.89		
B(15)	127.2625	12.89	12.63	13.65	13.78	1.15	OO(51)	385.2625	13.99	13.94	14.80	14.86	0.92		
C(16)	133.2625	13.35	13.07	14.02	14.24	1.17	PP(52)	391.2625	13.96	13.75	14.66	14.74	0.99		
D(17)	139.2500	13.04	12.64	13.79	13.82	1.18	QQ(53)	397.2625	13.77	13.59	14.48	14.48	0.89		
E(18)	145.2500	13.29	12.84	14.05	14.04	1.21	RR(54)	403.2500	13.60	13.41	14.35	14.33	0.94		
F(19)	151.3210	14.96	14.63	15.69	15.75	1.12	SS(55)	409.2500	13.27	13.12	14.06	14.09	0.97		
G(20)	157.2500	13.91	13.68	14.68	14.72	1.04	TT(56)	415.2500	13.14	12.91	13.89	13.95	1.04		
H(21)	163.2500	14.25	14.13	14.98	15.06	0.93	UU(57)	421.2500	12.62	12.46	13.40	13.51	1.05		
I(22)	169.2500	14.29	14.24	15.04	15.09	0.85	VV(58)	427.2500	12.46	12.15	13.21	13.34	1.19		
7	175.2500	14.20	14.15	14.93	14.97	0.82	WW(59)	433.2500	12.16	11.97	12.95	13.08	1.11		
8	181.2500	13.99	13.85	14.64	14.73	0.88	XX(60)	439.2500	12.33	12.01	13.07	13.18	1.17		
9	187.2500	13.99	13.80	14.69	14.73	0.93	YY(61)	445.2500	12.59	12.34	13.27	13.44	1.1		
10	193.2500	13.85	13.58	14.44	14.44	0.86	ZZ(62)	451.2500	12.85	12.63	13.62	13.76	1.13		
11	199.2500	14.29	14.11	14.96	14.98	0.87	63	457.2500	13.24	12.94	13.95	14.12	1.18		
12	205.2500	14.03	13.90	14.80	14.87	0.97	64	463.2500	13.40	13.08	13.98	14.28	1.2		
13	211.2500	13.39	13.36	14.15	14.25	0.89	65	469.2500	13.46	13.12	14.09	14.26	1.14		
J(23)	217.2500	13.52	13.63	14.32	14.41	0.89	66	475.2500							
K(24)	223.2500	13.57	13.57	14.27	14.33	0.76	67	481.2500	13.92	13.71	14.52	14.71	1		
L(25)	229.2625	13.75	13.68	14.35	14.42	0.74	68	487.2500	13.90	13.75	14.52	14.68	0.93		
M(26)	235.2625	13.66	13.61	14.25	14.24	0.64	69	493.2500	14.36	14.23	14.95	15.09	0.86		
N(27)	241.2625	13.54	13.40	14.23	14.17	0.83	70	499.2500	14.92	14.80	15.43	15.55	0.75		
O(28)	247.2625	12.22	12.02	12.73	12.77	0.75	71	505.2500	15.57	15.43	16.07	16.20	0.77		
P(29)	253.2625	12.76	12.57	13.25	13.36	0.79	72	511.2500	15.73	15.73	16.23	16.27	0.54		
Q(30)	259.2625	12.91	12.77	13.49	13.54	0.77	73	517.2500	16.41	16.38	16.88	17.02	0.64		
R(31)	265.2625	13.32	13.13	13.84	13.94	0.81	74	523.2500	16.65	16.63	17.05	17.16	0.53		
S(32)	271.2625	13.27	13.10	13.84	13.90	0.8	75	529.2500	17.06	17.02	17.50	17.56	0.54		
T(33)	277.2625	13.16	13.02	13.73	13.75	0.73	76	535.2500	17.15	17.18	17.55	17.59	0.44		
U(34)	283.2625	13.07	12.93	13.70	13.72	0.79	77	541.2500	17.62	17.64	18.02	18.06	0.44		
V(35)	289.2625	13.18	12.91	13.73	13.76	0.85	78	547.2500	17.54	17.59	17.96	17.96	0.42		
W(36)	295.2625	13.27	12.97	13.78	13.75	0.81	79	553.2500							
AA(37)	301.2625	13.10	12.84	13.65	13.69	0.85	80	559.2500	17.45	17.46	17.77	17.80	0.35		
BB(38)	307.2625	12.97	12.69	13.54	13.50	0.85	81	565.2500							
CC(39)	313.2625	13.23	12.91	13.69	13.82	0.91									

Max Non Adjacent Channel Level Diff :- 5.67
 Max Adjacent Channel Level Diff :- 1.79
 Max Variance from last proof of performance test :- 3.07
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 8, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 8
Hub Name : Burdick
Location : Brockway Ln
Map Number : 359-5626
Pole Number : 14/28
D.T. Value : 20-4
OR Number : 84
GNA Cascade : Node + 4
LE Cascade :

TESTPOINT 8, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Brockway Ln
Date : 08/09/2006 Time : 09:00:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	12.46	-1.91		14.37	DD (40)	319.2625	9.53	-5.30		14.83
3	61.2500	12.89	-2.01		14.9	EE (41)	325.2625	9.45	-5.25		14.7
4	67.2500	12.41	-2.22		14.63	FF (42)	331.2750	9.28	-5.24		14.52
5	77.2500	10.93	-4.22		15.15	GG (43)	337.2625	8.83	-5.49		14.32
6	83.2500	10.36	-4.36		14.72	HH (44)	343.2625	8.77	-5.32		14.09
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	8.62	-5.64		14.26
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	8.79	-6.42		15.21
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	8.81	-6.91		15.72
A-2 (98)	109.2750	9.63	-4.52		14.15	LL (48)	367.2625	8.45	-6.52		14.97
A-1 (99)	115.2750	9.85	-3.99		13.84	MM (49)	373.2625	8.61	-6.77		15.38
A (14)	121.2625	10.19	-3.75		13.94	NN (50)	379.2625	8.32	-6.33		14.65
B (15)	127.2625	10.22	-3.96		14.18	OO (51)	385.2625	8.38	-6.26		14.64
C (16)	133.2625	10.64	-3.30		13.94	PP (52)	391.2625	8.26	-6.07		14.33
D (17)	139.2500	10.50	-3.93		14.43	QQ (53)	397.2625	8.48	-6.15		14.63
E (18)	145.2500	10.56	-4.75		15.31	RR (54)	403.2500	8.42	-6.02		14.44
F (19)	151.3210	11.68	-2.89		14.57	SS (55)	409.2500	8.20	-6.04		14.24
G (20)	157.2500	10.38	-4.54		14.92	TT (56)	415.2500	8.26	-6.27		14.53
H (21)	163.2500	10.68	-4.52		15.2	UU (57)	421.2500	8.55	-5.95		14.5
I (22)	169.2500	10.37	-4.48		14.85	VV (58)	427.2500	8.23	-5.83		14.06
7	175.2500	10.22	-4.22		14.44	WW (59)	433.2500	8.17	-6.12		14.29
8	181.2500	10.15	-4.55		14.7	XX (60)	439.2500	8.44	-5.82		14.26
9	187.2500	9.61	-5.39		15	YY (61)	445.2500	8.67	-5.94		14.61
10	193.2500	9.29	-5.83		15.12	ZZ (62)	451.2500	8.80	-5.02		13.82
11	199.2500	9.33	-5.76		15.09	63	457.2500	9.91	-4.09		14
12	205.2500	8.89	-4.75		13.64	64	463.2500	10.39	-4.27		14.66
13	211.2500	8.40	-6.73		15.13	65	469.2500	10.80	-4.26		15.06
J (23)	217.2500	8.53	-5.54		14.07	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	8.70	-5.63		14.33	67	481.2500	11.23	-3.91		15.14
L (25)	229.2625	8.55	-5.57		14.12	68	487.2500	11.00	-4.23		15.23
M (26)	235.2625	8.58	-5.86		14.44	69	493.2500	10.77	-3.46		14.23
N (27)	241.2625	8.55	-5.77		14.32	70	499.2500	10.90	-3.24		14.14
O (28)	247.2625	8.91	-5.95		14.86	71	505.2500	10.92	-3.84		14.76
P (29)	253.2625	8.83	-5.69		14.52	72	511.2500	10.21	-3.94		14.15
Q (30)	259.2625	8.43	-5.18		13.61	73	517.2500	10.64	-3.58		14.22
R (31)	265.2625	8.66	-5.43		14.09	74	523.2500	10.82	-4.61		15.43
S (32)	271.2625	8.69	-5.55		14.24	75	529.2500	10.54	-4.15		14.69
T (33)	277.2625	8.86	-5.54		14.4	76	535.2500	9.75	-4.62		14.37
U (34)	283.2625	8.70	-5.74		14.44	77	541.2500	9.70	-5.20		14.9
V (35)	289.2625	9.17	-6.41		15.58	78	547.2500	9.53	-5.69		15.22
W (36)	295.2625	9.01	-6.33		15.34	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	8.20	-7.53		15.73	80	559.2500	9.23	-4.39		13.62
BB (38)	307.2625	6.62	-5.91		12.53	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	9.42	-4.51		13.93						

Min Channel	:	BB(38)	6.620
Max Channel	:	3	12.890
Peak to Valley	:	6.27	

TESTPOINT 8, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST

System Name : Syracuse
Performed By : Don Palmer
Location : Brockway Ln

Date : 8/16/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.6	70.0	75.5	0.4
16	0.2	47.1	68.4	77.8	
21	0.3	48.7	68.6	77.4	
13	0.5	48.1	71.0	76.9	
36	0.4	47.2	69.9	77.2	
41	0.3	48.1	70.7	73.8	
44	0.2	48.2	71.0	75.2	
56	0.3	48.1	69.7	71.7	
73	0.4	47.4	72.7	67.7	

TESTPOINT 8, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/16/2006

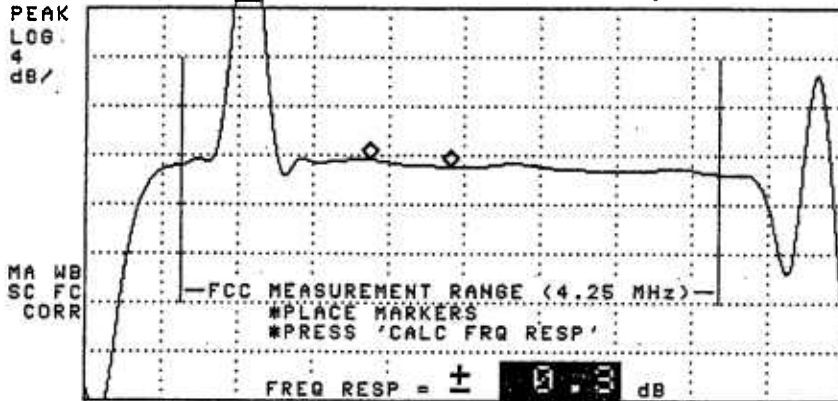
Performed By : Don Palmer

Location : Brockway Ln

(SEE THE ATTACHED SWEEP TRACES)

00:59:43 AUG 16, 2006
CHANNEL 34 (STD)
REF 3.1 dBmV #AT 0 dB
PEAK
LOG
4
dB/

MKR 68.895 MHz CHNL
-9.89 dBmV MARKER 1

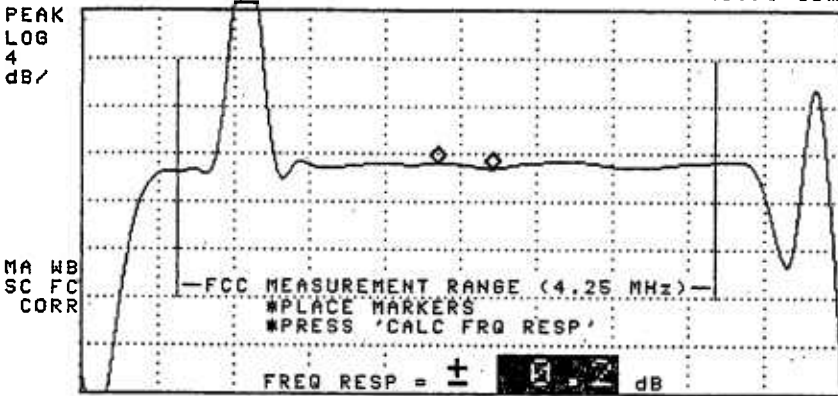


START 66.000 MHz STOP 72.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

MAIN
MENU

01:01:46 AUG 16, 2006
CHANNEL 34 (STD)
REF 2.0 dBmV #AT 0 dB
PEAK
LOG
4
dB/

MKR 134.820 MHz CHNL
-10.79 dBmV MARKER 1

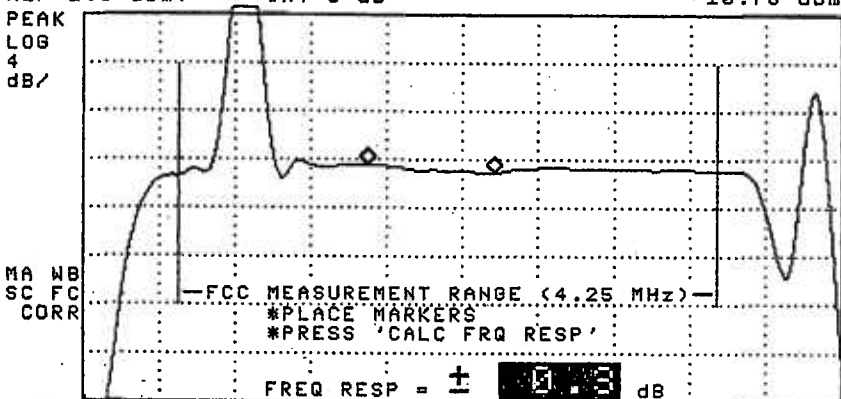


START 132.000 MHz STOP 138.000 MHz
#RES BW 100 kHz #VBW 8 MHz SWP 20.0 msec

MAIN
MENU

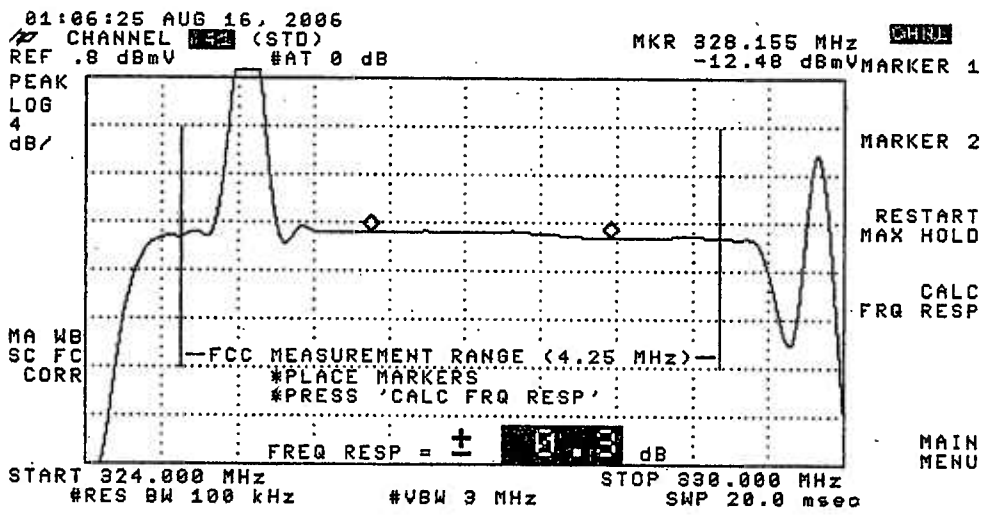
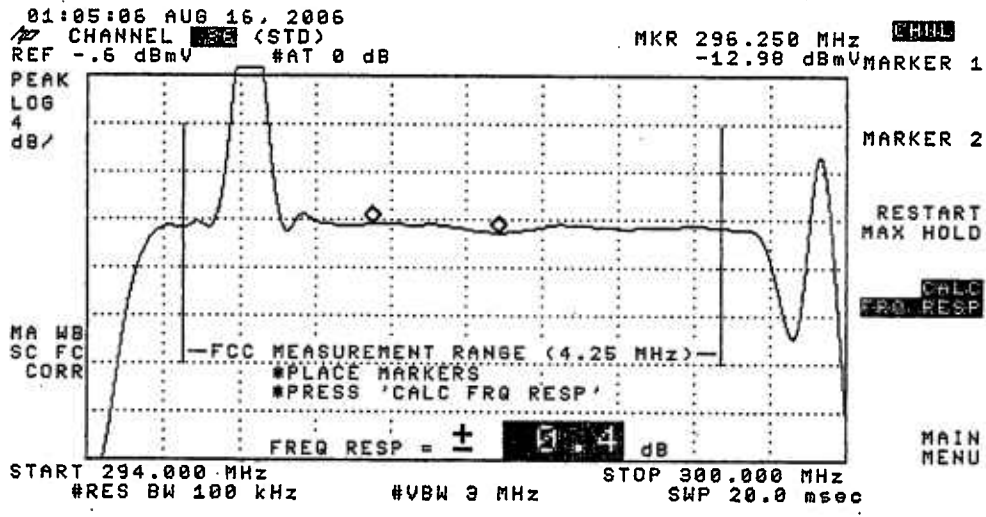
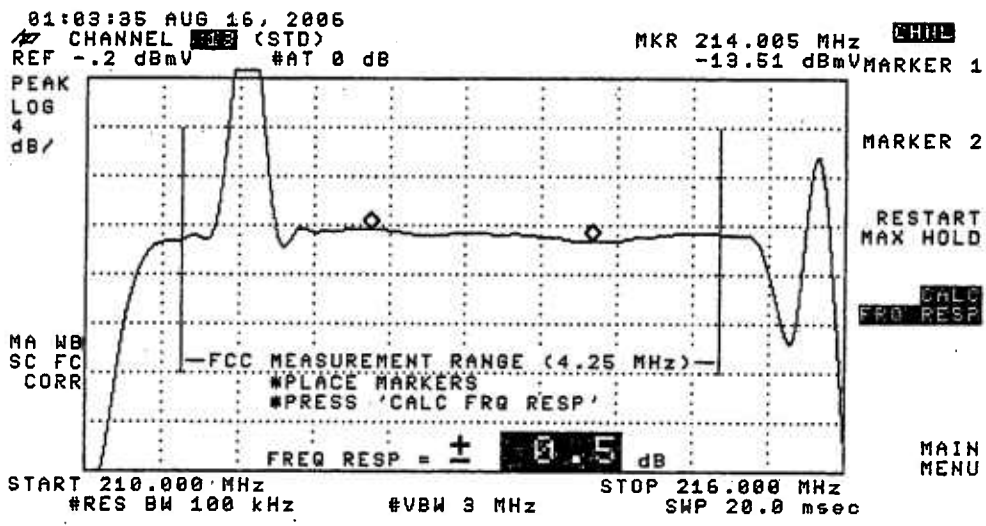
01:02:37 AUG 16, 2006
CHANNEL 34 (STD)
REF 1.8 dBmV #AT 0 dB
PEAK
LOG
4
dB/

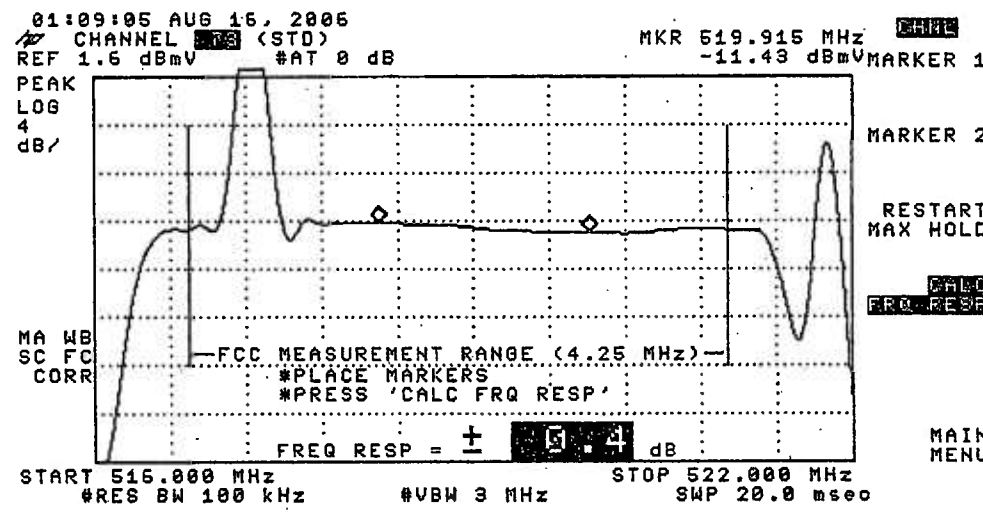
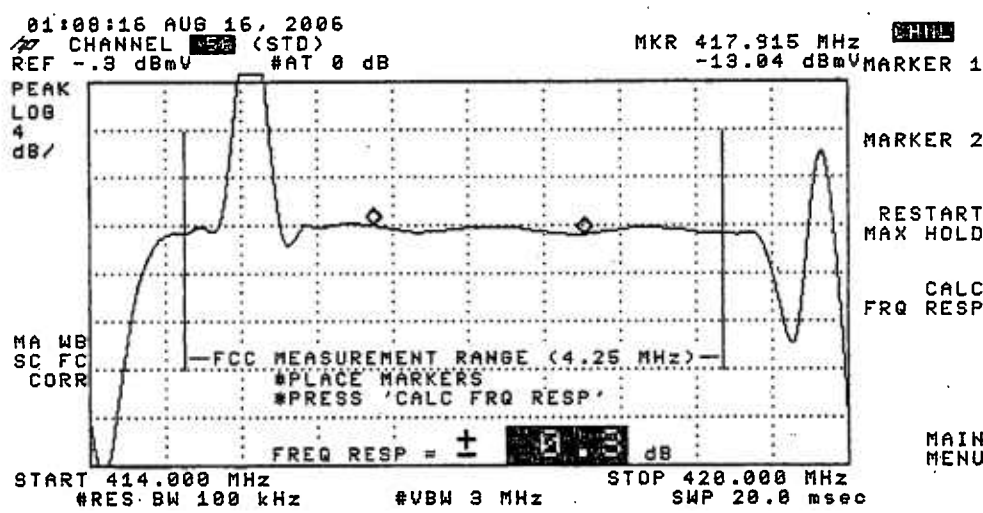
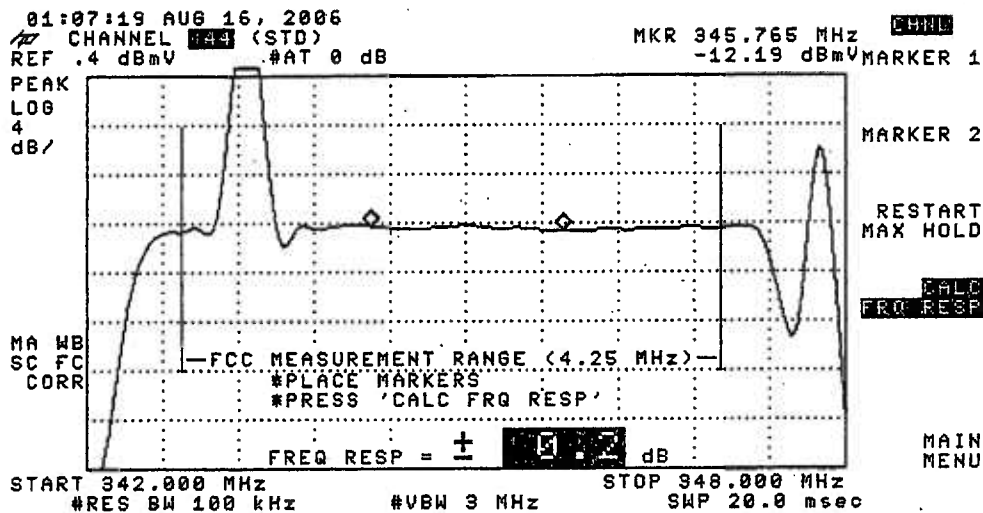
MKR 164.250 MHz CHNL
-10.78 dBmV MARKER 1



START 162.000 MHz STOP 168.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

MAIN
MENU

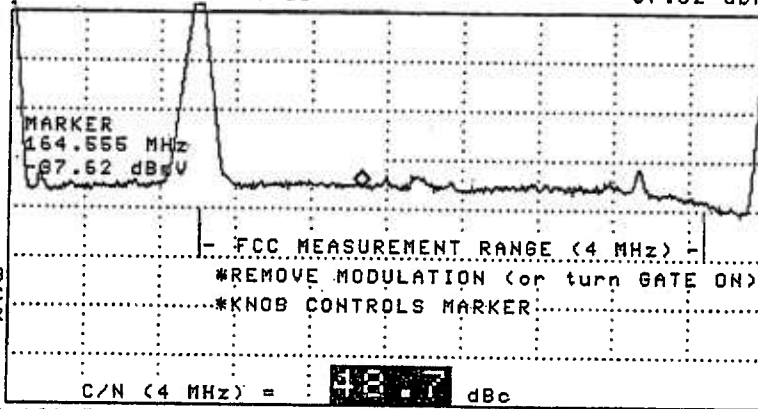




01:29:10 AUG 16, 2006
CHANNEL 103 (STD)
REF -1.9 dBmV #AT 0 dB

MKR 164.555 MHz
-37.62 dBmV

SMPL
LOG
10
dB/



START 161.750 MHz #RES BW 30 kHz #VBW 100 Hz STOP 167.750 MHz SWP 6.00 sec

CHNL
GATE
ON OFF

AVERAGE
ON OFF

MORE
INFO

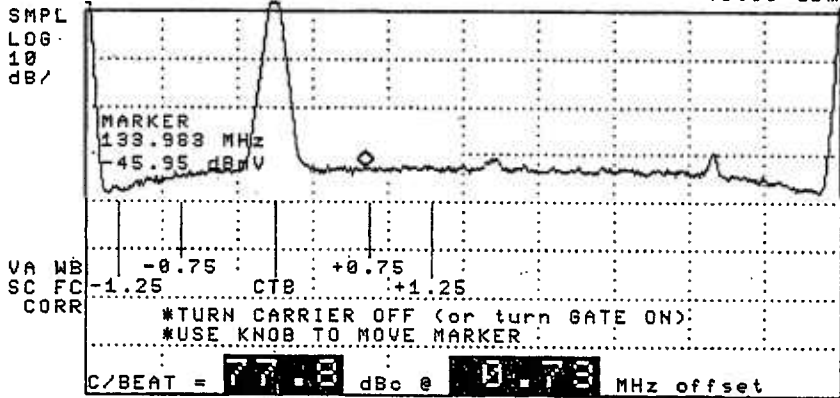
More

MAIN
MENU

01:19:36 AUG 16, 2006
CHANNEL 105 (STD)
REF -13.1 dBmV #AT 0 dB

MKR 133.983 MHz
-45.95 dBmV

SMPL
LOG
10
dB/



START 131.763 MHz #RES BW 30 kHz #VBW 100 Hz STOP 137.763 MHz SWP 6.00 sec

CHNL
GATE
ON OFF

AVERAGE
ON OFF

ZOOM &
MEASURE

Gated
CTB

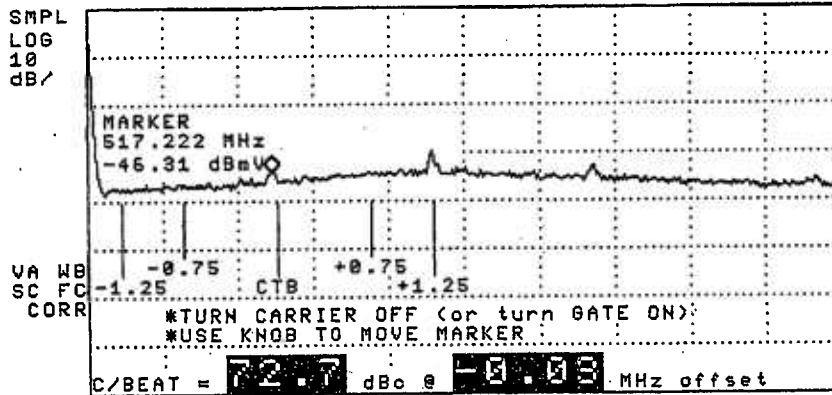
More

MAIN
MENU

01:43:05 AUG 16, 2006
CHANNEL 103 (STD)
REF -12.5 dBmV #AT 0 dB

MKR 517.222 MHz
-46.31 dBmV

SMPL
LOG
10
dB/



START 515.752 MHz #RES BW 30 kHz #VBW 100 Hz STOP 521.752 MHz SWP 6.00 sec

CHNL
GATE
ON OFF

AVERAGE
ON OFF

ZOOM &
MEASURE

Gated
CTB

More

MAIN
MENU

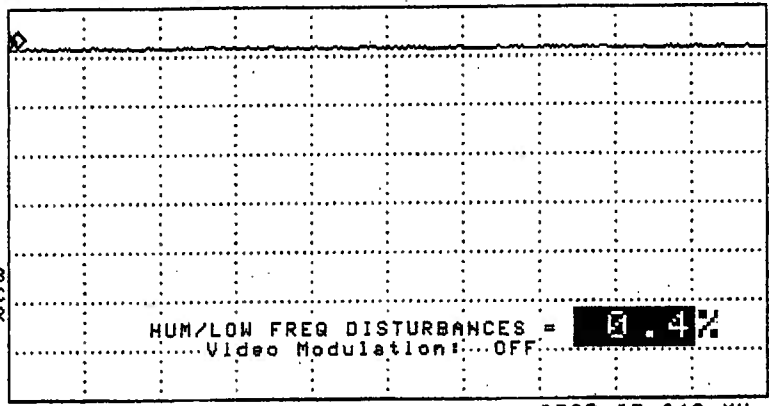
00:57:05 AUG 16, 2006
CHANNEL 4 (STD)
REF 15.8 dBmV #AT 0 dB

MKR Δ -625.00 μsec
-.02 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.240 MHz #RES BW 1.0 MHz #VBW 1 kHz STOP 67.240 MHz #SWP 50.0 msec

TESTPOINT 8, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Brockway Ln
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F						TEMP F					
		64.00	78.00	70.00	59.00			64.00	78.00	70.00	59.00		
		TIME						TIME					
		09:00:00	14:58:00	21:01:00	03:02:00			09:00:00	14:58:00	21:01:00	03:02:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	12.46	11.29	12.49	12.61	1.32	DD(40)	319.2625	9.53	8.27	9.73	10.32	2.05
3	61.2500	12.89	11.87	12.98	13.04	1.17	BB(41)	325.2625	9.45	8.24	9.55	10.38	2.14
4	67.2500	12.41	11.49	12.62	12.73	1.24	FF(42)	331.2750	9.28	8.06	9.45	10.20	2.14
5	77.2500	10.93	9.98	11.20	11.26	1.28	GG(43)	337.2625	8.83	7.54	8.97	9.83	2.29
6	83.2500	10.36	9.46	10.64	10.72	1.26	HH(44)	343.2625	8.77	7.58	9.05	9.78	2.2
A-5(95)	91.2500						II(45)	349.2625	8.62	7.76	9.39	9.95	2.19
A-4(96)	97.2500						JJ(46)	355.2625	8.79	7.75	9.36	10.00	2.25
A-3(97)	103.2500						KK(47)	361.2625	8.81	7.66	9.25	9.88	2.22
A-2(98)	109.2750	9.63	9.53	10.04	9.83	0.51	LL(48)	367.2625	8.45	7.43	8.91	9.49	2.06
A-1(99)	115.2750	9.85	9.02	10.05	9.78	1.03	MM(49)	373.2625	8.61	7.57	8.96	9.59	2.02
A(14)	121.2625	10.19	9.50	10.41	10.54	1.04	NN(50)	379.2625	8.32	7.31	8.72	9.20	1.89
B(15)	127.2625	10.22	9.42	10.38	10.58	1.16	OO(51)	385.2625	8.38	7.25	8.72	9.25	2
C(16)	133.2625	10.64	9.82	10.77	11.05	1.23	PP(52)	391.2625	8.26	7.11	8.81	9.43	2.32
D(17)	139.2500	10.50	9.56	10.61	10.98	1.42	QQ(53)	397.2625	8.48	7.13	8.93	9.48	2.35
B(18)	145.2500	10.56	9.55	10.59	11.02	1.47	RR(54)	403.2500	8.42	6.98	9.01	9.54	2.56
F(19)	151.3210	11.68	10.79	11.31	12.19	1.4	SS(55)	409.2500	8.20	6.59	8.71	9.26	2.67
G(20)	157.2500	10.38	9.58	10.52	10.93	1.35	TT(56)	415.2500	8.26	6.71	8.79	9.39	2.68
H(21)	163.2500	10.68	9.81	10.76	11.21	1.4	UU(57)	421.2500	8.55	7.08	8.89	9.48	2.4
I(22)	169.2500	10.37	9.43	10.62	10.99	1.56	VV(58)	427.2500	8.23	6.92	8.67	9.04	2.12
7	175.2500	10.22	9.36	10.59	10.91	1.55	WW(59)	433.2500	8.17	6.98	8.41	9.08	2.1
8	181.2500	10.15	9.39	10.40	10.64	1.25	XX(60)	439.2500	8.44	7.53	8.78	9.21	1.68
9	187.2500	9.61	8.84	9.69	10.12	1.28	YY(61)	445.2500	8.67	7.74	8.96	9.36	1.62
10	193.2500	9.29	8.57	9.51	10.05	1.48	ZZ(62)	451.2500	8.80	7.79	9.05	9.59	1.8
11	199.2500	9.33	8.57	9.66	10.10	1.53	63	457.2500	9.91	8.91	10.13	10.68	1.77
12	205.2500	8.89	8.05	9.27	9.52	1.47	64	463.2500	10.39	9.25	10.64	11.24	1.99
13	211.2500	8.40	7.45	8.64	8.84	1.39	65	469.2500	10.80	9.53	11.13	11.69	2.16
J(23)	217.2500	8.53	7.59	8.80	9.18	1.59	66	475.2500					
K(24)	223.2500	8.70	7.70	8.95	9.30	1.6	67	481.2500	11.23	9.91	11.57	12.21	2.3
L(25)	229.2625	8.55	7.55	8.78	9.32	1.77	68	487.2500	11.00	9.63	11.41	12.12	2.49
M(26)	235.2625	8.58	7.54	8.63	9.21	1.67	69	493.2500	10.77	9.28	11.13	11.88	2.6
N(27)	241.2625	8.55	7.63	8.77	9.27	1.64	70	499.2500	10.90	9.46	11.28	12.10	2.64
O(28)	247.2625	8.91	7.95	9.12	9.57	1.62	71	505.2500	10.92	9.71	11.27	12.06	2.35
P(29)	253.2625	8.83	7.88	9.12	9.55	1.67	72	511.2500	10.21	9.06	10.50	11.27	2.21
Q(30)	259.2625	8.43	7.63	8.82	9.09	1.46	73	517.2500	10.64	9.35	10.89	11.64	2.29
R(31)	265.2625	8.66	7.69	8.85	9.42	1.73	74	523.2500	10.82	9.64	11.29	12.05	2.41
S(32)	271.2625	8.69	7.65	8.92	9.34	1.69	75	529.2500	10.54	9.29	10.84	11.61	2.32
T(33)	277.2625	8.86	7.90	9.11	9.58	1.68	76	535.2500	9.75	8.49	9.97	10.76	2.27
U(34)	283.2625	8.70	7.79	8.92	9.51	1.72	77	541.2500	9.70	8.30	9.87	10.74	2.44
V(35)	289.2625	9.17	8.16	9.40	9.97	1.81	78	547.2500	9.53	8.13	9.77	10.67	2.54
W(36)	295.2625	9.01	7.91	9.10	9.73	1.82	79	553.2500					
AA(37)	301.2625	8.20	6.83	8.14	9.07	2.24	80	559.2500	9.23	7.83	9.18	10.09	2.26
BB(38)	307.2625	6.62	5.42	7.37	7.30	1.95	81	565.2500					
CC(39)	313.2625	9.42	8.24	9.80	8.94	1.56							

Max Non Adjacent Channel Level Diff :- 6.45
 Max Adjacent Channel Level Diff :- 2.82
 Max Variance from last proof of performance test :- 5.95
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 9, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 9
Hub Name : Burdick
Location : Edgeware St
Map Number : 335-5652
Pole Number : 12/5
D.T. Value : 17-4
OR Number : 3111
GNA Cascade : Node + 3
LE Cascade :

TESTPOINT 9, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Edgeware St
Date : 08/09/2006 Time : 09:23:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	14.07	-0.68		14.75	DD (40)	319.2625	15.25	0.84		14.41
3	61.2500	13.75	-1.00		14.75	EE (41)	325.2625	15.26	0.76		14.5
4	67.2500	13.31	-1.20		14.51	FF (42)	331.2750	15.33	0.85		14.48
5	77.2500	12.76	-2.71		15.47	GG (43)	337.2625	15.48	0.76		14.72
6	83.2500	12.45	-1.79		14.24	HH (44)	343.2625	15.45	1.16		14.29
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	15.16	0.45		14.71
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	15.21	-0.10		15.31
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.97	-0.59		15.56
A-2 (98)	109.2750	13.69	-0.82		14.51	LL (48)	367.2625	14.43	-0.55		14.98
A-1 (99)	115.2750	13.43	-0.50		13.93	MM (49)	373.2625	14.27	-0.81		15.08
A (14)	121.2625	13.82	-0.13		13.95	NN (50)	379.2625	14.23	-0.16		14.39
B (15)	127.2625	13.75	-0.24		13.99	OO (51)	385.2625	14.01	-0.63		14.64
C (16)	133.2625	14.16	0.55		13.61	PP (52)	391.2625	14.24	-0.26		14.5
D (17)	139.2500	14.11	0.34		13.77	QQ (53)	397.2625	14.09	-0.63		14.72
B (18)	145.2500	14.50	-0.45		14.95	RR (54)	403.2500	13.91	-0.74		14.65
F (19)	151.3210	15.89	1.61		14.28	SS (55)	409.2500	13.75	-1.41		15.16
G (20)	157.2500	14.87	-0.02		14.89	TT (56)	415.2500	13.45	-1.58		15.03
H (21)	163.2500	15.08	0.60		14.48	UU (57)	421.2500	13.16	-1.72		14.88
I (22)	169.2500	15.46	0.92		14.54	VV (58)	427.2500	13.08	-1.68		14.76
7	175.2500	15.49	1.35		14.14	WW (59)	433.2500	12.96	-2.50		15.46
8	181.2500	15.29	1.18		14.11	XX (60)	439.2500	12.61	-1.95		14.56
9	187.2500	15.33	0.72		14.61	YY (61)	445.2500	12.56	-1.96		14.52
10	193.2500	15.15	0.14		15.01	ZZ (62)	451.2500	12.35	-1.76		14.11
11	199.2500	15.29	0.99		14.3	63	457.2500	13.07	-1.25		14.32
12	205.2500	15.36	1.13		14.23	64	463.2500	12.93	-1.43		14.36
13	211.2500	15.04	-0.11		15.15	65	469.2500	12.66	-1.84		14.5
J (23)	217.2500	15.27	0.73		14.54	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	15.27	0.86		14.41	67	481.2500	12.63	-2.14		14.77
L (25)	229.2625	15.39	0.70		14.69	68	487.2500	12.50	-2.28		14.78
M (26)	235.2625	14.90	0.19		14.71	69	493.2500	12.92	-1.57		14.49
N (27)	241.2625	14.92	0.17		14.75	70	499.2500	13.45	-0.57		14.02
O (28)	247.2625	14.98	0.34		14.64	71	505.2500	13.29	-1.27		14.56
P (29)	253.2625	15.07	0.42		14.65	72	511.2500	13.31	-1.17		14.48
Q (30)	259.2625	14.93	0.51		14.42	73	517.2500	13.81	-0.90		14.71
R (31)	265.2625	14.85	0.30		14.55	74	523.2500	13.74	-1.19		14.93
S (32)	271.2625	14.56	0.23		14.33	75	529.2500	13.27	-0.97		14.24
T (33)	277.2625	14.78	0.36		14.42	76	535.2500	12.86	-1.11		13.97
U (34)	283.2625	14.58	0.27		14.31	77	541.2500	13.42	-1.53		14.95
V (35)	289.2625	14.96	0.20		14.76	78	547.2500	12.96	-1.95		14.91
W (36)	295.2625	14.98	0.70		14.28	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	15.13	0.75		14.38	80	559.2500	13.78	-0.37		14.15
BB (38)	307.2625	15.30	0.44		14.86	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.07	1.24		13.83						

Min Channel	:	ZZ(62)	12.350
Max Channel	:	F(19)	15.890
Peak to Valley	:	3.54	

TESTPOINT 9, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST

System Name : Syracuse
Performed By : Benny LaRocca
Location : Edgeware St

Date : Jan 25, 2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
6	0.3	49.0	71.7	62.6	0.4
16	0.3	49.0	68.7	76.8	
21	0.2	49.5	68.0	75.4	
13	0.2	49.8	68.2	77.9	
36	0.2	49.2	67.5	74.0	
41	0.2	49.9	67.0	72.3	
44	0.0	50.2	69.9	70.1	
56	0.4	49.2	67.7	70.7	
73	0.1	50.8	69.8	71.2	

TESTPOINT 9, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/16/2006

Performed By : Don Palmer

Location : Edgeware St

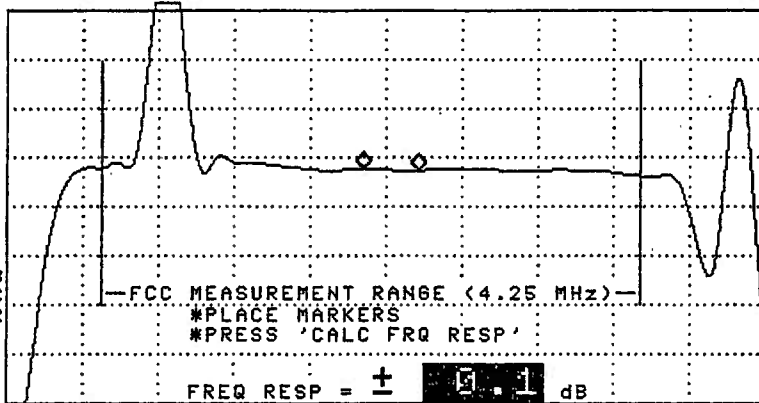
(SEE THE ATTACHED SWEEP TRACES)

02:27:50 AUG 16, 2006
CHANNEL 1 (STD)
REF 4.3 dBmV #AT 0 dB

MKR 68.820 MHz CHNL
-8.62 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

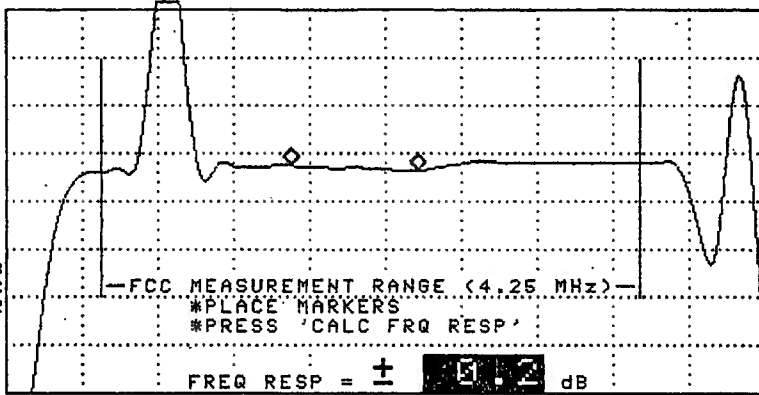
START 66.000 MHz STOP 72.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

02:29:07 AUG 16, 2006
CHANNEL 1 (STD)
REF 5.6 dBmV #AT 0 dB

MKR 134.250 MHz CHNL
-7.44 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

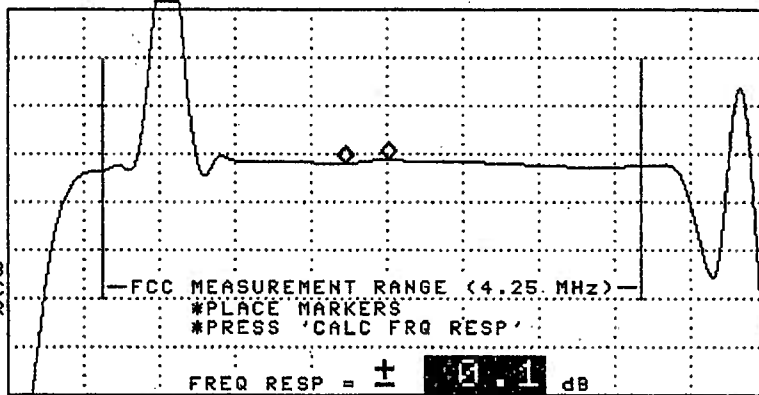
START 132.000 MHz STOP 138.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

02:30:05 AUG 16, 2006
CHANNEL 1 (STD)
REF 6.8 dBmV #AT 0 dB

MKR 164.670 MHz CHNL
-6.02 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



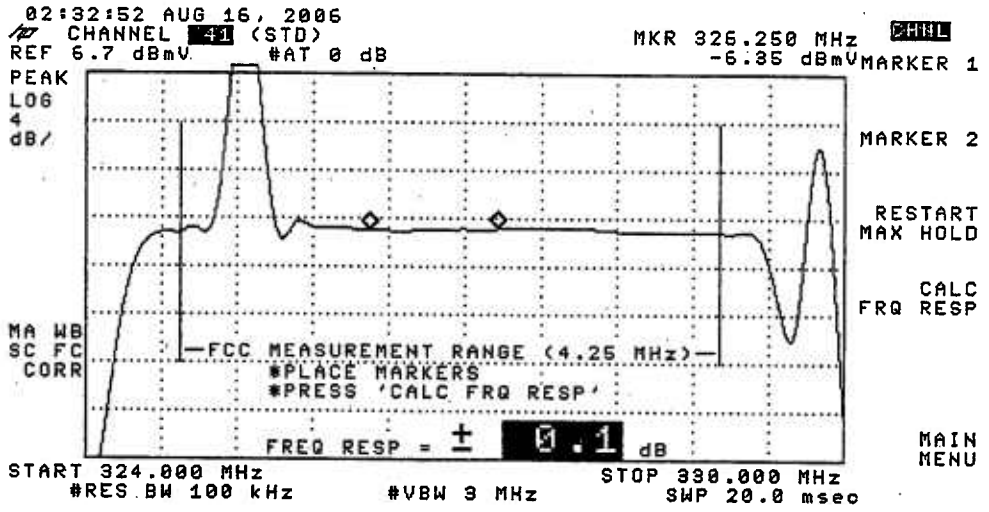
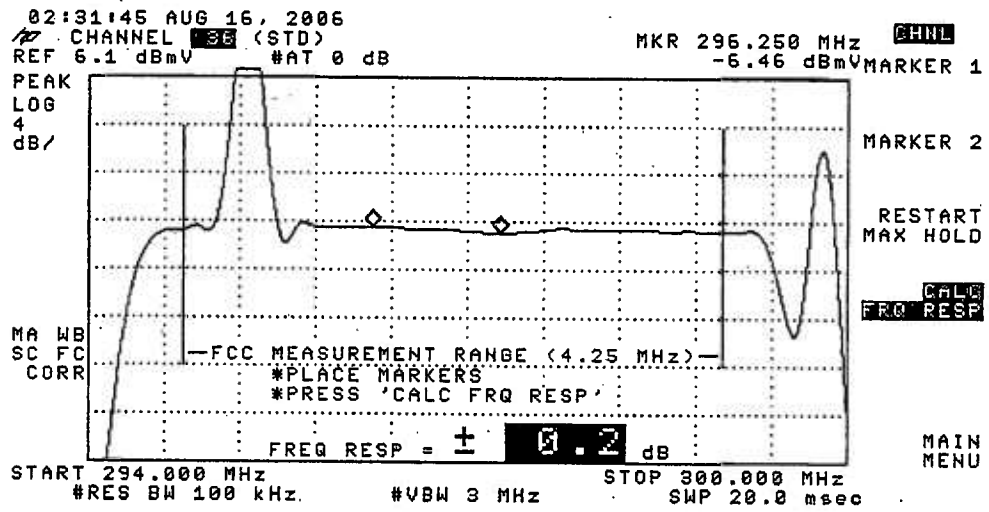
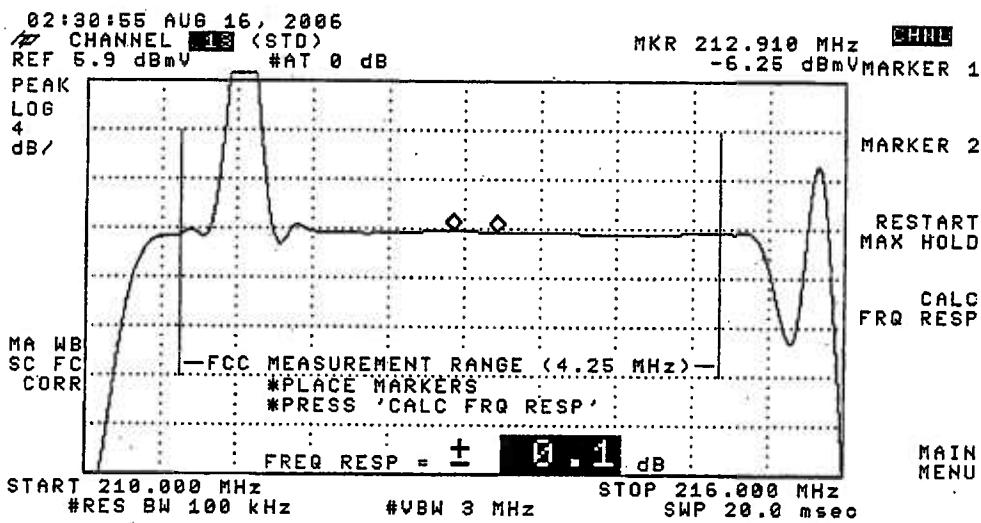
MARKER 2

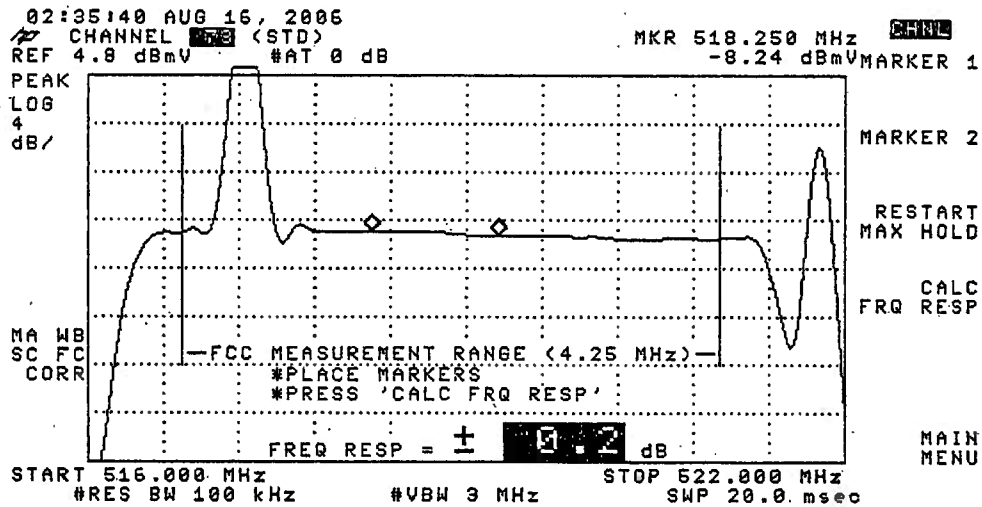
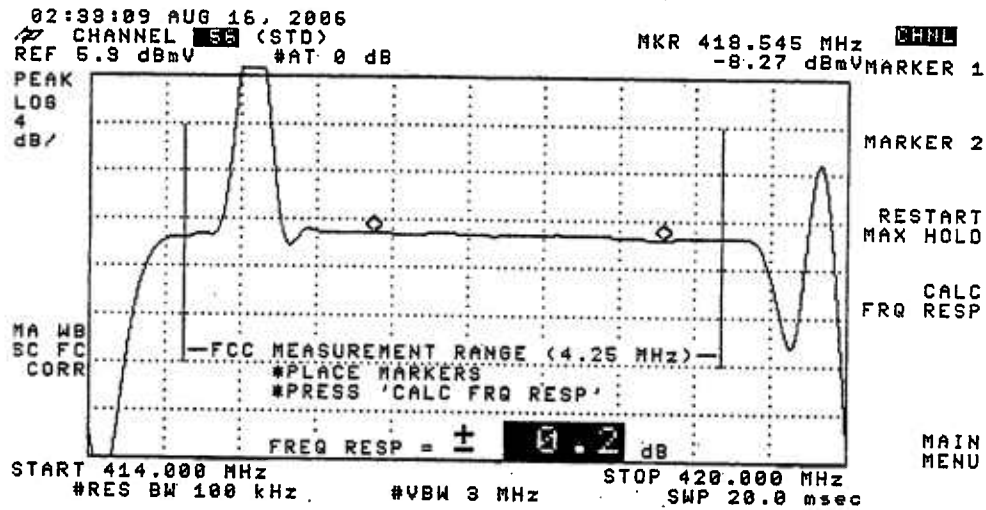
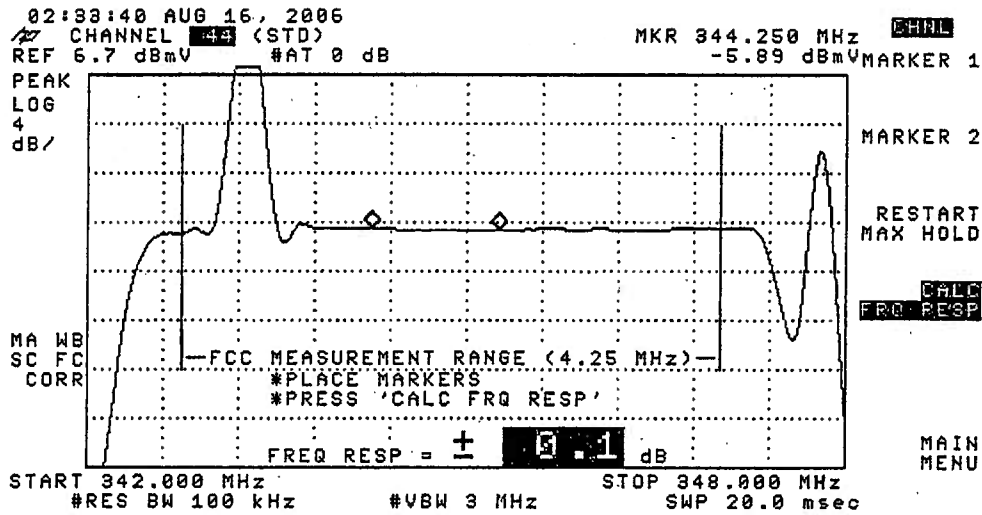
RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 162.000 MHz STOP 168.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec



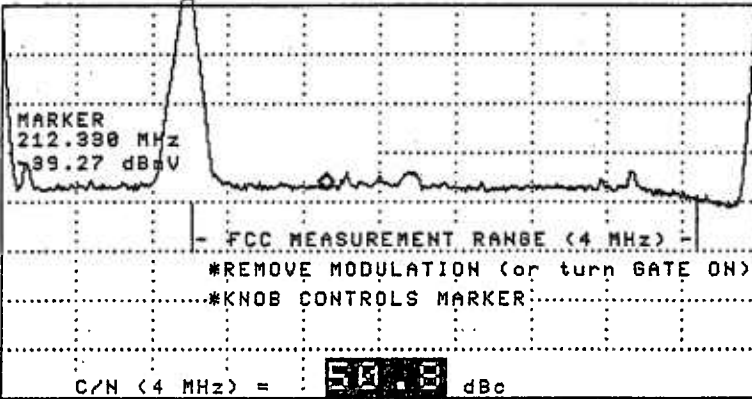


02:47:28 AUG 16, 2006

CHANNEL 113 (STD)
REF -1.6 dBmV #AT 0 dB

MKR 212.330 MHz
-39.27 dBmV

SAMPL LOG 10 dB/



START 209.750 MHz #RES BW 30 kHz #VBW 100 Hz STOP 215.750 MHz SWP 6.00 sec

CHNL
GATE ON OFF
AVERAGE ON OFF

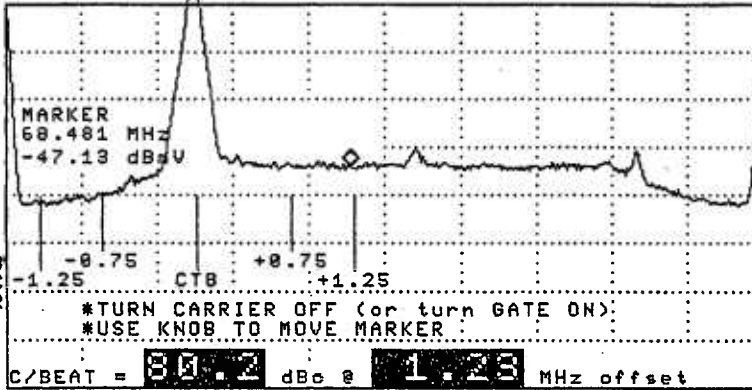
MORE INFO
More
MAIN MENU

02:39:45 AUG 16, 2006

CHANNEL 113 (STD)
REF -13.2 dBmV #AT 0 dB

MKR 68.481 MHz
-47.13 dBmV

SAMPL LOG 10 dB/



START 65.751 MHz #RES BW 30 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

CHNL
GATE ON OFF
AVERAGE ON OFF

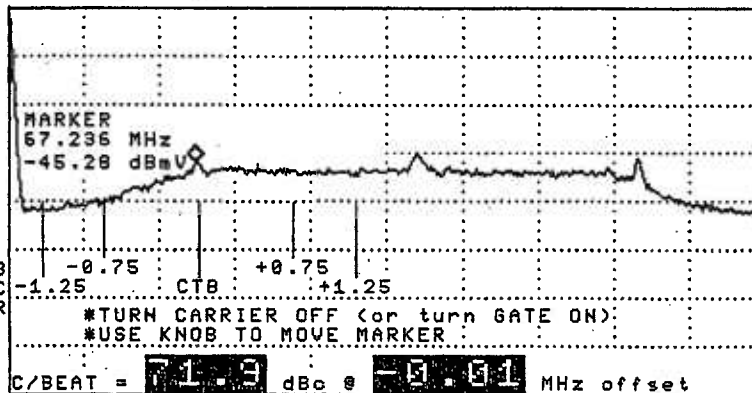
ZOOM & MEASURE
Gated CTB
More
MAIN MENU

02:40:04 AUG 16, 2006

CHANNEL 113 (STD)
REF -13.2 dBmV #AT 0 dB

MKR 67.236 MHz
-45.28 dBmV

SAMPL LOG 10 dB/



START 65.751 MHz #RES BW 30 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

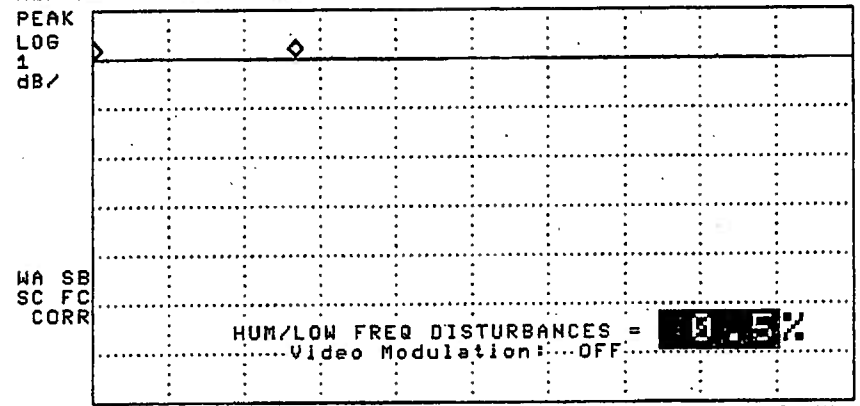
CHNL
GATE ON OFF
AVERAGE ON OFF

ZOOM & MEASURE
Gated CTB
More
MAIN MENU

02:26:07 AUG 16, 2006
CHANNEL [] (STD)
REF 14.8 dBmV #AT 0 dB

MKR Δ -13.250 msec
-.04 dB

CHNL



MORE INFO

MAIN MENU

START 67.238 MHz #RES BW 1.0 MHz #VBW 1 kHz
STOP 67.238 MHz #SWP 50.0 msec

TESTPOINT 9, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Edgeware St
 Date : 08/09/2006 Performed By : Niel Rader
 Meter Serial Number : 221899

		TEMP F						TEMP F					
		0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00		
		TIME						TIME					
		09:23:00	15:25:00	21:30:00	03:31:00			09:23:00	15:25:00	21:30:00	03:31:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.07	13.69	15.08	14.98	1.39	DD(40)	319.2625	15.25	14.34	16.06	16.07	1.73
3	61.2500	13.75	13.31	14.70	14.70	1.39	BE(41)	325.2625	15.26	14.36	16.07	15.96	1.71
4	67.2500	13.31	12.69	14.49	14.51	1.82	FF(42)	331.2750	15.33	14.32	16.06	16.19	1.87
5	77.2500	12.76	11.96	13.75	13.82	1.86	GG(43)	337.2625	15.48	14.50	16.20	16.29	1.79
6	83.2500	12.45	11.84	13.28	13.28	1.44	HH(44)	343.2625	15.45	14.46	16.29	16.34	1.88
A-5(95)	91.2500						II(45)	349.2625	15.16	14.16	16.05	16.07	1.91
A-4(96)	97.2500						JJ(46)	355.2625	15.21	14.14	16.11	16.09	1.97
A-3(97)	103.2500						KK(47)	361.2625	14.97	13.86	15.87	15.72	2.01
A-2(98)	109.2750	13.69	12.99	14.33	14.41	1.42	LL(48)	367.2625	14.43	13.43	15.39	15.36	1.96
A-1(99)	115.2750	13.43	12.56	14.17	14.16	1.61	MM(49)	373.2625	14.27	13.32	15.20	15.18	1.88
A(14)	121.2625	13.82	13.02	14.43	14.52	1.5	NN(50)	379.2625	14.23	13.25	15.12	15.10	1.87
B(15)	127.2625	13.75	13.07	14.47	14.46	1.4	OO(51)	385.2625	14.01	12.98	15.00	14.97	2.02
C(16)	133.2625	14.16	13.41	14.89	14.87	1.48	PP(52)	391.2625	14.24	13.20	15.23	15.20	2.03
D(17)	139.2500	14.11	13.17	14.86	14.86	1.69	QQ(53)	397.2625	14.09	13.08	14.98	15.02	1.94
E(18)	145.2500	14.50	13.57	15.29	15.24	1.72	RR(54)	403.2500	13.91	13.01	14.88	14.94	1.93
F(19)	151.3210	15.89	15.03	16.60	16.59	1.57	SS(55)	409.2500	13.75	12.52	14.75	14.73	2.23
G(20)	157.2500	14.87	13.93	15.60	15.60	1.67	TT(56)	415.2500	13.45	12.31	14.42	14.39	2.11
H(21)	163.2500	15.08	14.00	15.84	15.81	1.84	UU(57)	421.2500	13.16	11.98	14.14	14.14	2.16
I(22)	169.2500	15.46	14.60	16.23	16.21	1.63	VV(58)	427.2500	13.08	11.97	14.09	14.07	2.12
7	175.2500	15.49	14.64	16.26	16.23	1.62	WW(59)	433.2500	12.96	11.86	13.94	13.91	2.08
8	181.2500	15.29	14.54	16.07	16.09	1.55	XX(60)	439.2500	12.61	11.48	13.58	13.61	2.13
9	187.2500	15.33	14.42	16.14	16.12	1.72	YY(61)	445.2500	12.56	11.45	13.51	13.57	2.12
10	193.2500	15.15	14.22	15.66	16.06	1.84	ZZ(62)	451.2500	12.35	11.30	13.27	13.26	1.97
11	199.2500	15.29	14.26	16.11	16.12	1.86	63	457.2500	13.07	11.67	13.88	13.89	2.22
12	205.2500	15.36	14.42	16.08	16.08	1.66	64	463.2500	12.93	11.24	13.41	13.34	2.17
13	211.2500	15.04	14.08	15.48	15.45	1.4	65	469.2500	12.66	10.92	12.98	12.88	2.06
J(23)	217.2500	15.27	14.36	16.04	15.98	1.68	66	475.2500					
K(24)	223.2500	15.27	14.37	16.09	16.14	1.77	67	481.2500	12.63	10.83	12.46	12.46	1.8
L(25)	229.2625	15.39	14.47	16.23	16.26	1.79	68	487.2500	12.50	10.93	12.48	12.48	1.57
M(26)	235.2625	14.90	13.95	15.70	15.71	1.76	69	493.2500	12.92	11.46	13.40	13.39	1.94
N(27)	241.2625	14.92	14.03	15.79	15.86	1.83	70	499.2500	13.45	12.04	13.97	13.95	1.93
O(28)	247.2625	14.98	14.01	15.82	15.85	1.84	71	505.2500	13.29	11.98	13.84	13.84	1.86
P(29)	253.2625	15.07	14.16	15.94	15.95	1.79	72	511.2500	13.31	11.99	13.86	13.95	1.96
Q(30)	259.2625	14.93	14.07	15.77	15.86	1.79	73	517.2500	13.81	12.50	14.50	14.52	2.02
R(31)	265.2625	14.85	14.00	15.76	15.79	1.79	74	523.2500	13.74	12.42	14.54	14.50	2.12
S(32)	271.2625	14.56	13.68	15.45	15.49	1.81	75	529.2500	13.27	11.98	14.18	14.18	2.2
T(33)	277.2625	14.78	13.94	15.67	15.68	1.74	76	535.2500	12.86	11.65	13.70	13.67	2.05
U(34)	283.2625	14.58	13.71	15.49	15.52	1.81	77	541.2500	13.42	12.18	14.16	14.27	2.09
V(35)	289.2625	14.96	14.10	15.88	15.90	1.8	78	547.2500	12.96	11.66	13.87	13.90	2.24
W(36)	295.2625	14.98	14.08	15.94	15.90	1.86	79	553.2500					
AA(37)	301.2625	15.13	14.15	15.99	16.03	1.88	80	559.2500	13.78	12.57	14.71	14.73	2.16
BB(38)	307.2625	15.30	14.25	16.17	16.19	1.94	81	565.2500					
CC(39)	313.2625	15.07	14.11	15.95	15.95	1.84							

Max Non Adjacent Channel Level Diff :- 4.2
 Max Adjacent Channel Level Diff :- 1.46
 Max Variance from last proof of performance test :- 6
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 10, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 10
Hub Name : Davis
Location : Lakeshore Rd.
Map Number : 371-5682
Pole Number : 104
D.T. Value : 17-4
OR Number : 156
GNA Cascade : Node + 5
LE Cascade :

TESTPOINT 10, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Lakeshore Rd.
Date : 08/09/2006 Time : 10:01:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	12.43	-0.59		13.02	DD (40)	319.2625	9.95	-4.47		14.42
3	61.2500	13.96	-0.80		14.76	EE (41)	325.2625	10.14	-4.26		14.4
4	67.2500	13.47	-1.53		15	FF (42)	331.2750	10.34	-3.92		14.26
5	77.2500	11.94	-3.82		15.76	GG (43)	337.2625	10.41	-4.05		14.46
6	83.2500	11.19	-3.22		14.41	HH (44)	343.2625	10.70	-3.71		14.41
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	10.53	-4.21		14.74
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	10.23	-5.01		15.24
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	10.05	-5.12		15.17
A-2 (98)	109.2750	10.77	-3.82		14.59	LL (48)	367.2625	9.52	-5.25		14.77
A-1 (99)	115.2750	10.13	-3.80		13.93	MM (49)	373.2625	9.36	-5.06		14.42
A (14)	121.2625	10.36	-3.35		13.71	NN (50)	379.2625	10.19	-3.87		14.06
B (15)	127.2625	11.03	-3.23		14.26	OO (51)	385.2625	10.31	-4.30		14.61
C (16)	133.2625	11.39	-2.77		14.16	PP (52)	391.2625	10.24	-4.27		14.51
D (17)	139.2500	11.15	-3.14		14.29	QQ (53)	397.2625	10.01	-4.49		14.5
E (18)	145.2500	11.31	-3.80		15.11	RR (54)	403.2500	10.25	-4.73		14.98
F (19)	151.3210	12.59	-1.97		14.56	SS (55)	409.2500	10.08	-5.11		15.19
G (20)	157.2500	11.02	-3.86		14.88	TT (56)	415.2500	9.80	-5.52		15.32
H (21)	163.2500	11.05	-3.49		14.54	UU (57)	421.2500	9.29	-5.57		14.86
I (22)	169.2500	11.00	-3.38		14.38	VV (58)	427.2500	8.81	-6.11		14.92
7	175.2500	10.82	-3.21		14.03	WW (59)	433.2500	8.14	-7.13		15.27
8	181.2500	10.92	-3.70		14.62	XX (60)	439.2500	7.71	-6.73		14.44
9	187.2500	10.49	-4.34		14.83	YY (61)	445.2500	7.54	-6.89		14.43
10	193.2500	10.22	-5.08		15.3	ZZ (62)	451.2500	8.05	-5.86		13.91
11	199.2500	10.21	-5.01		15.22	63	457.2500	8.68	-5.42		14.1
12	205.2500	10.09	-3.83		13.92	64	463.2500	8.84	-5.33		14.17
13	211.2500	9.73	-5.89		15.62	65	469.2500	9.04	-5.49		14.53
J (23)	217.2500	9.49	-4.77		14.26	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	9.54	-4.94		14.48	67	481.2500	9.10	-5.64		14.74
L (25)	229.2625	9.17	-5.41		14.58	68	487.2500	8.96	-5.73		14.69
M (26)	235.2625	8.76	-5.85		14.61	69	493.2500	8.90	-5.30		14.2
N (27)	241.2625	8.79	-5.79		14.58	70	499.2500	9.59	-4.42		14.01
O (28)	247.2625	8.78	-5.82		14.6	71	505.2500	9.94	-4.63		14.57
P (29)	253.2625	8.95	-5.82		14.77	72	511.2500	10.12	-4.67		14.79
Q (30)	259.2625	8.82	-5.26		14.08	73	517.2500	10.77	-3.85		14.62
R (31)	265.2625	9.25	-5.04		14.29	74	523.2500	10.56	-4.53		15.09
S (32)	271.2625	9.27	-4.90		14.17	75	529.2500	10.47	-4.25		14.72
T (33)	277.2625	9.36	-4.87		14.23	76	535.2500	9.65	-4.87		14.52
U (34)	283.2625	9.38	-4.98		14.36	77	541.2500	9.63	-5.38		15.01
V (35)	289.2625	9.97	-5.10		15.07	78	547.2500	9.32	-5.98		15.3
W (36)	295.2625	10.03	-4.48		14.51	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	10.04	-4.77		14.81	80	559.2500	8.63	-5.74		14.37
BB (38)	307.2625	10.02	-5.02		15.04	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	9.72	-4.22		13.94						

Min Channel	:	YY(61)	7.540
Max Channel	:	3	13.960
Peak to Valley	:	6.42	

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse **Date** : 8/16/2006
Performed By : Benny LaRocca
Location : Lakeshore Rd.

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.1	49.5	72.7	79.1	0.5
16	0.2	49.2	71.7	77.9	
21	0.1	50.6	69.9	75.2	
13	0.1	49.9	68.1	79.4	
36	0.2	50.1	65.5	76.2	
41	0.1	49.9	66.0	75.4	
44	0.1	50.3	67.2	73.6	
56	0.2	50.4	66.4	71.2	
73	0.2	51.2	68.4	73.7	

TESTPOINT 10, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/16/2006

Performed By : Benny Larocca

Location : Lakeshore Rd.

(SEE THE ATTACHED SWEEP TRACES)

02:27:50 AUG 16, 2006
CHANNEL 102 (STD)
REF 4.3 dBmV #AT 0 dB

MKR 68.820 MHz
-8.62 dBmV MARKER 1

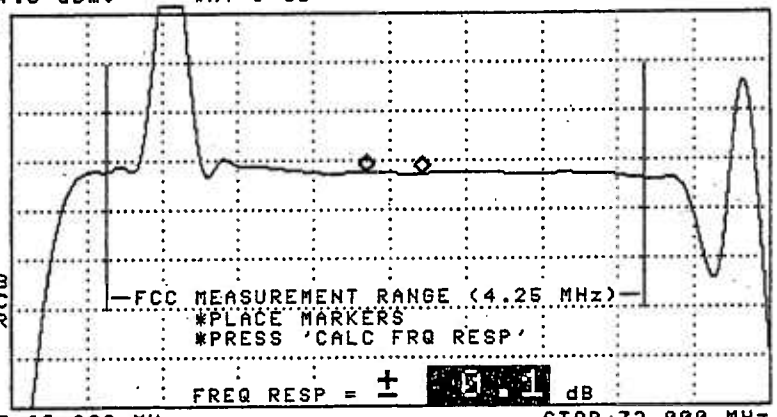
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 66.000 MHz
#RES BW 100 kHz

#VBW 3 MHz

STOP 72.000 MHz
SWP 20.0 msec



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

02:29:07 AUG 16, 2006
CHANNEL 103 (STD)
REF 5.6 dBmV #AT 0 dB

MKR 134.250 MHz
-7.44 dBmV MARKER 1

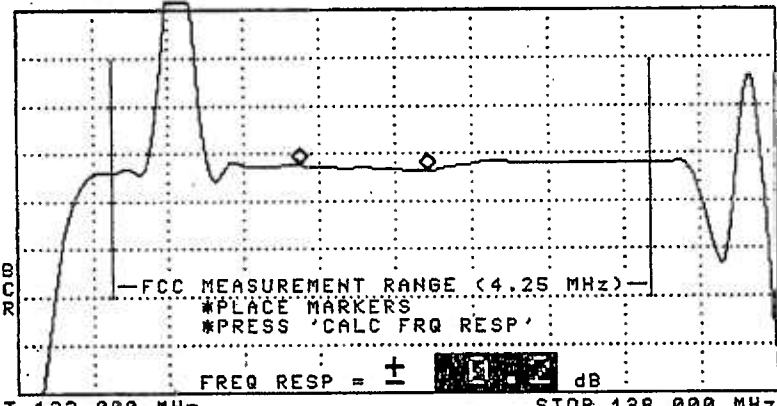
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 132.000 MHz
#RES BW 100 kHz

#VBW 3 MHz

STOP 138.000 MHz
SWP 20.0 msec



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

02:30:05 AUG 16, 2006
CHANNEL 104 (STD)
REF 6.8 dBmV #AT 0 dB

MKR 164.670 MHz
-6.02 dBmV MARKER 1

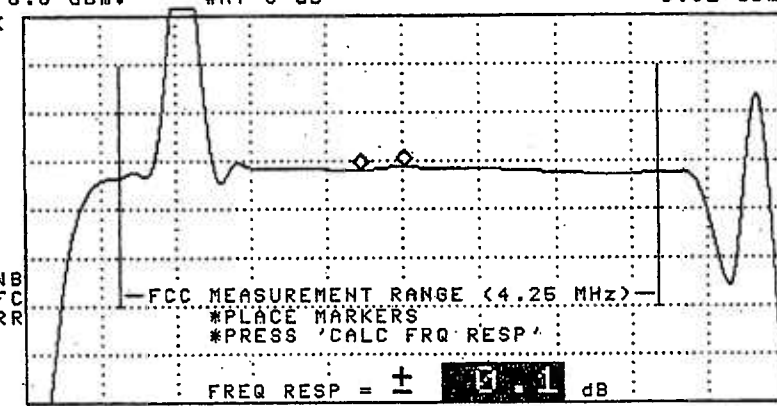
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

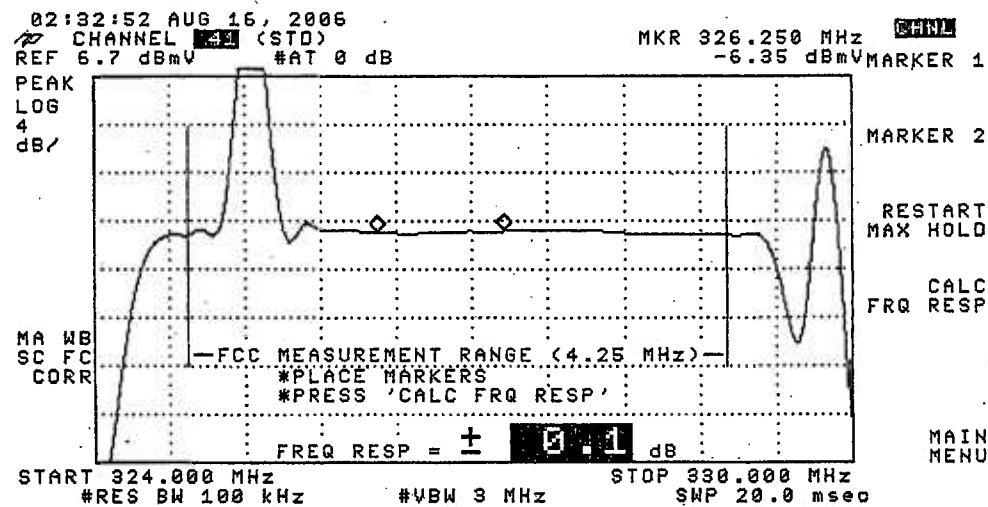
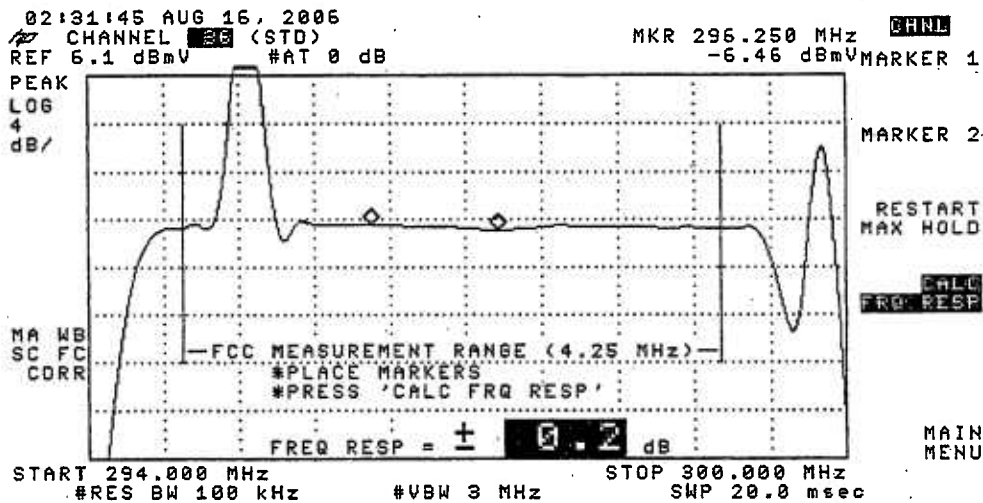
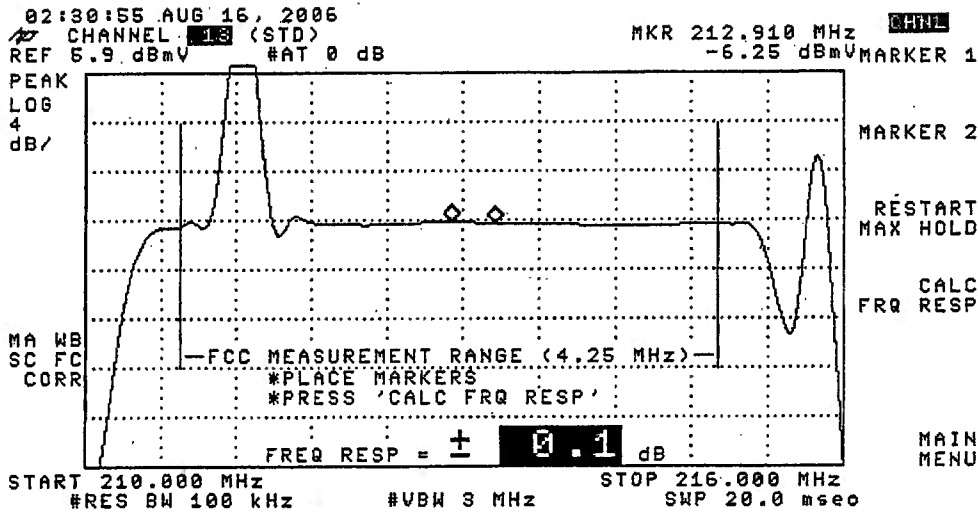
START 162.000 MHz
#RES BW 100 kHz

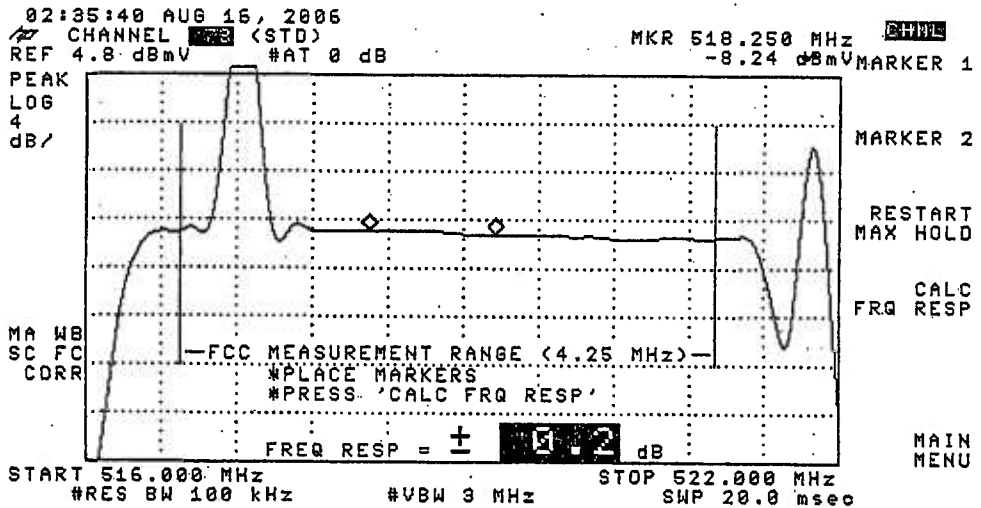
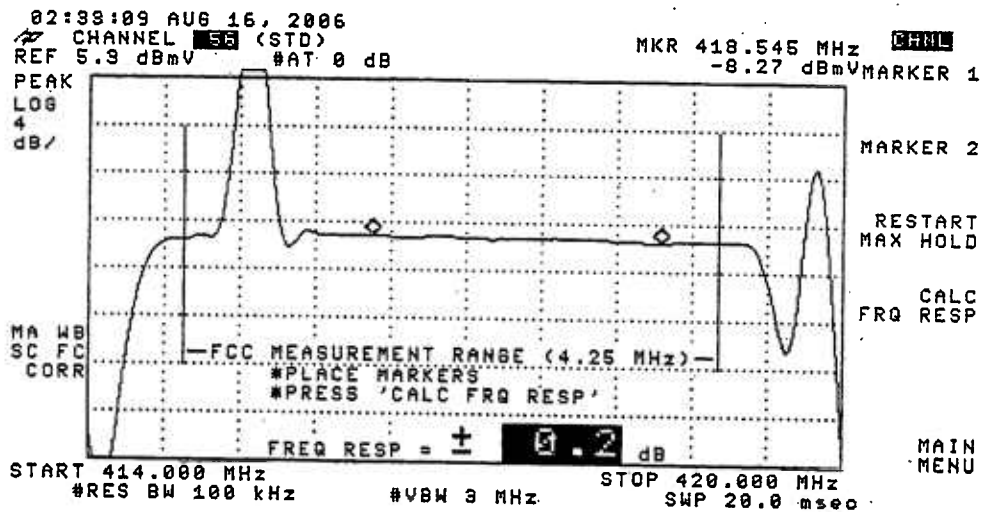
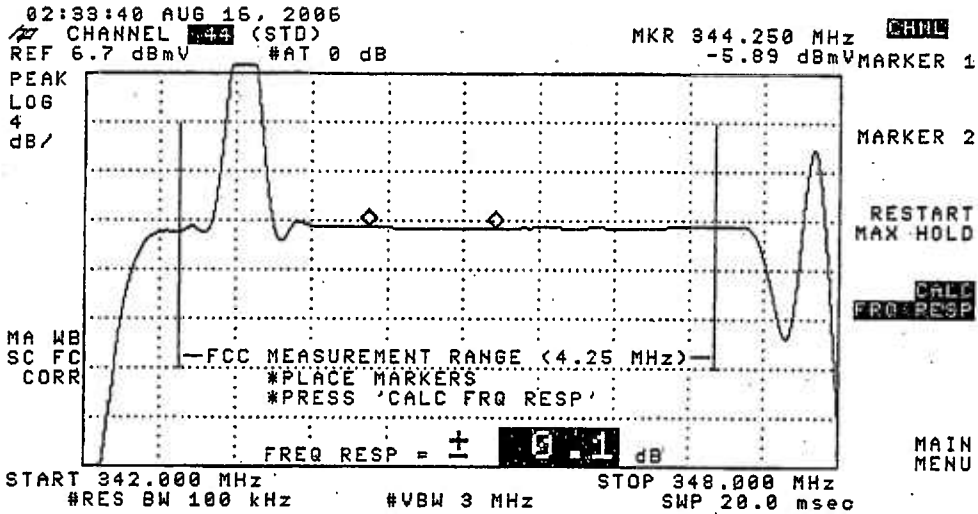
#VBW 3 MHz

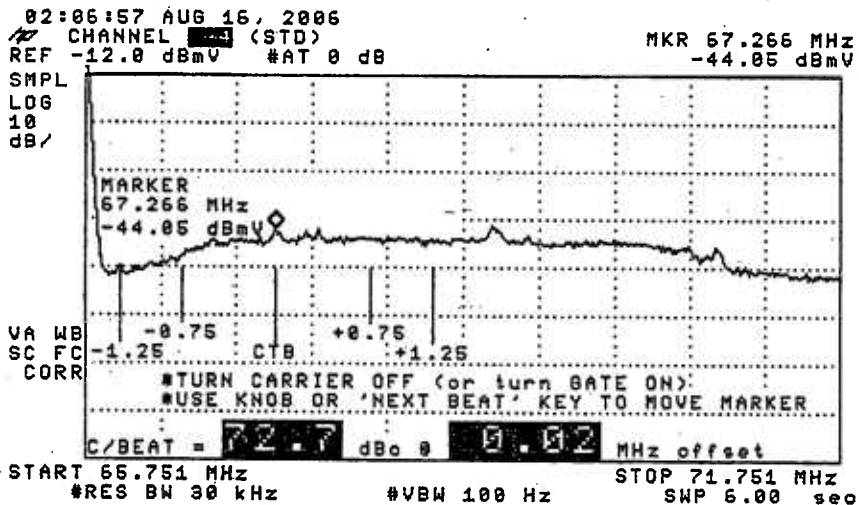
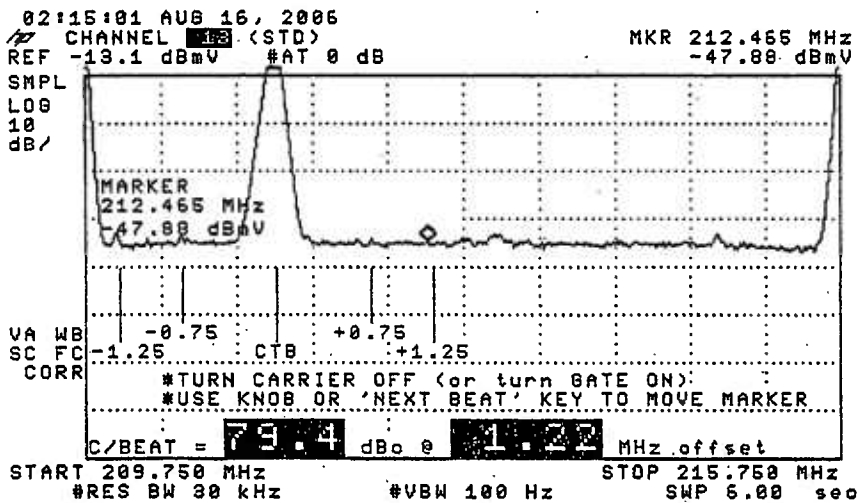
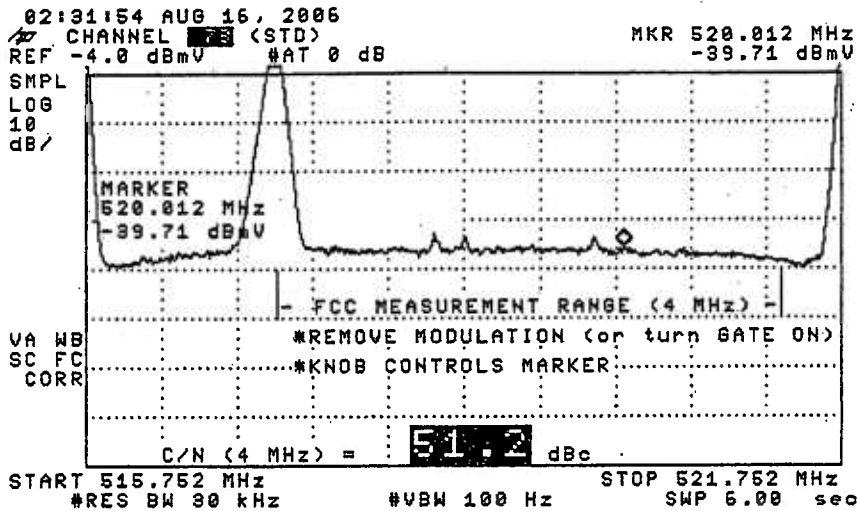
STOP 168.000 MHz
SWP 20.0 msec



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU



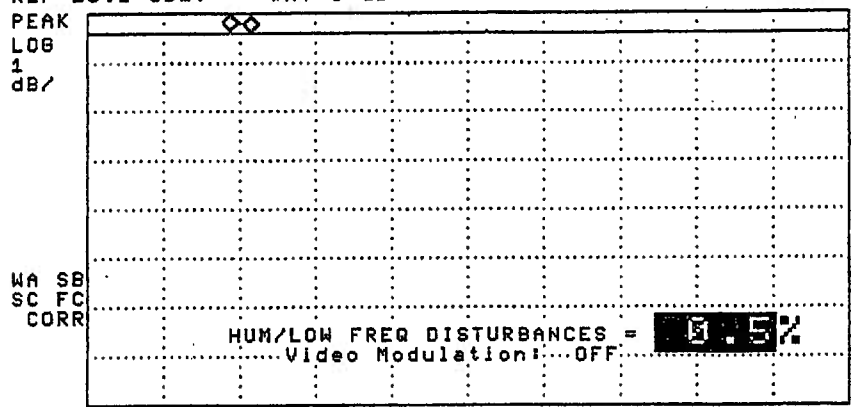




01:59:03 AUG 16, 2006
CHANNEL 4 (STD)
REF 15.2 dBmV #AT 0 dB

MKR Δ 1.3750 msec
-0.04 dB

CH11



MORE INFO

MAIN MENU

START 67.245 MHz #RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec
STOP 67.245 MHz

TESTPOINT 10, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Lakeshore Rd.
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F					TEMP F						
		66.00	78.00	68.00	59.00		66.00	78.00	68.00	59.00			
		TIME					TIME						
		10:01:00	16:00:00	22:01:00	04:00:00		10:01:00	16:00:00	22:01:00	04:00:00			
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	12.43	11.52	12.91	13.27	1.75	DD(40)	319.2625	9.95	8.86	10.45	11.22	2.36
3	61.2500	13.96	13.10	14.43	14.84	1.74	EE(41)	325.2625	10.14	8.96	10.64	11.42	2.46
4	67.2500	13.47	12.61	13.95	14.32	1.71	FF(42)	331.2750	10.34	9.16	10.89	11.66	2.5
5	77.2500	11.94	10.93	12.46	12.88	1.95	GG(43)	337.2625	10.41	9.29	10.99	11.74	2.45
6	83.2500	11.19	10.18	11.80	12.26	2.08	HH(44)	343.2625	10.70	9.44	11.15	12.00	2.56
A-5(95)	91.2500						II(45)	349.2625	10.53	9.33	11.04	11.91	2.58
A-4(96)	97.2500						JJ(46)	355.2625	10.23	8.89	10.69	11.52	2.63
A-3(97)	103.2500						KK(47)	361.2625	10.05	8.70	10.36	11.23	2.53
A-2(98)	109.2750	10.77	9.87	11.27	11.78	1.91	LL(48)	367.2625	9.52	8.36	10.02	10.95	2.59
A-1(99)	115.2750	10.13	9.33	10.66	11.12	1.79	MM(49)	373.2625	9.36	8.22	11.09	11.93	3.71
A(14)	121.2625	10.36	9.63	10.87	11.37	1.74	NN(50)	379.2625	10.19	7.98	10.52	11.28	3.3
B(15)	127.2625	11.03	10.05	11.46	11.84	1.79	OO(51)	385.2625	10.31	7.92	10.60	11.06	3.14
C(16)	133.2625	11.39	10.55	12.03	12.39	1.84	PP(52)	391.2625	10.24	7.95	10.70	10.96	3.01
D(17)	139.2500	11.15	10.16	11.63	12.04	1.88	QQ(53)	397.2625	10.01	7.74	10.53	10.80	3.06
E(18)	145.2500	11.31	10.36	11.99	12.42	2.06	RR(54)	403.2500	10.25	9.21	10.77	11.05	1.84
F(19)	151.3210	12.59	11.57	13.24	13.61	2.04	SS(55)	409.2500	10.08	8.61	10.75	11.13	2.52
G(20)	157.2500	11.02	10.02	11.78	12.20	2.18	TT(56)	415.2500	9.80	8.21	10.42	10.88	2.67
H(21)	163.2500	11.05	10.08	11.61	12.12	2.04	UU(57)	421.2500	9.29	7.93	9.93	10.51	2.58
I(22)	169.2500	11.00	10.15	11.73	12.13	1.98	VV(58)	427.2500	8.81	7.25	9.29	9.89	2.64
7	175.2500	10.82	9.93	11.50	11.94	2.01	WW(59)	433.2500	8.14	6.63	8.66	9.21	2.58
8	181.2500	10.92	9.99	11.49	12.02	2.03	XX(60)	439.2500	7.71	6.14	8.29	9.02	2.88
9	187.2500	10.49	9.63	11.32	11.66	2.03	YY(61)	445.2500	7.54	6.06	8.20	8.86	2.8
10	193.2500	10.22	9.17	11.22	11.39	2.22	ZZ(62)	451.2500	8.05	6.59	8.64	9.26	2.67
11	199.2500	10.21	9.12	10.83	11.33	2.21	63	457.2500	8.68	7.11	9.30	10.00	2.89
12	205.2500	10.09	9.13	10.71	11.34	2.21	64	463.2500	8.84	7.32	9.40	10.06	2.74
13	211.2500	9.73	8.85	10.38	10.93	2.08	65	469.2500	9.04	7.52	9.68	10.40	2.88
J(23)	217.2500	9.49	8.64	10.12	10.71	2.07	66	475.2500					
K(24)	223.2500	9.54	8.54	10.07	10.68	2.14	67	481.2500	9.10	7.56	9.70	10.41	2.85
L(25)	229.2625	9.17	8.11	9.77	10.26	2.15	68	487.2500	8.96	7.30	9.66	10.34	3.04
M(26)	235.2625	8.76	7.64	9.16	9.83	2.19	69	493.2500	8.90	7.40	9.50	10.25	2.85
N(27)	241.2625	8.79	7.64	9.28	9.96	2.32	70	499.2500	9.59	8.21	10.19	11.02	2.81
O(28)	247.2625	8.78	7.90	9.55	10.21	2.31	71	505.2500	9.94	8.57	10.58	11.56	2.79
P(29)	253.2625	8.95	7.86	9.55	10.24	2.38	72	511.2500	10.12	8.76	10.81	11.64	2.88
Q(30)	259.2625	8.82	7.66	9.49	10.18	2.52	73	517.2500	10.77	9.21	11.39	12.18	2.97
R(31)	265.2625	9.25	8.20	9.86	10.61	2.41	74	523.2500	10.56	9.11	11.25	12.05	2.94
S(32)	271.2625	9.27	8.27	9.89	10.70	2.43	75	529.2500	10.47	8.98	11.04	11.91	2.93
T(33)	277.2625	9.36	8.16	9.91	10.67	2.51	76	535.2500	9.65	8.28	10.20	11.09	2.81
U(34)	283.2625	9.38	8.28	10.01	10.84	2.56	77	541.2500	9.63	8.23	10.31	11.07	2.84
V(35)	289.2625	9.97	8.78	10.54	11.30	2.52	78	547.2500	9.32	7.90	9.92	10.73	2.83
W(36)	295.2625	10.03	8.72	10.60	11.37	2.65	79	553.2500					
AA(37)	301.2625	10.04	8.76	10.62	11.41	2.65	80	559.2500	8.63	7.18	9.25	9.91	2.73
BB(38)	307.2625	10.02	8.77	10.59	11.25	2.48	81	565.2500					
CC(39)	313.2625	9.72	8.62	10.29	11.09	2.47							

Max Non Adjacent Channel Level Diff :- 7.04
 Max Adjacent Channel Level Diff :- 1.68
 Max Variance from last proof of performance test :- 6.91
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 11, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 11
Hub Name : Davis
Location : Island Rd
Map Number : 353-5676
Pole Number : 37
D.T. Value : 14-2
OR Number : 162
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 11, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Island Rd
Date : 08/09/2006 Time : 10:29:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	15.59	2.43		13.16	DD (40)	319.2625	14.07	-0.62		14.69
3	61.2500	16.85	2.32		14.53	EE (41)	325.2625	14.79	0.14		14.65
4	67.2500	16.82	2.09		14.73	FF (42)	331.2750	14.75	0.37		14.38
5	77.2500	15.42	-0.23		15.65	GG (43)	337.2625	14.93	0.66		14.27
6	83.2500	15.00	0.69		14.31	HH (44)	343.2625	15.56	1.09		14.47
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	15.04	0.26		14.78
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	14.76	-0.05		14.81
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.73	-0.29		15.02
A-2 (98)	109.2750	15.09	0.54		14.55	LL (48)	367.2625	14.44	-0.54		14.98
A-1 (99)	115.2750	14.95	0.91		14.04	MM (49)	373.2625	14.52	-0.21		14.73
A (14)	121.2625	15.13	0.90		14.23	NN (50)	379.2625	14.43	-0.06		14.49
B (15)	127.2625	15.10	0.71		14.39	OO (51)	385.2625	14.42	-0.07		14.49
C (16)	133.2625	15.50	1.50		14	PP (52)	391.2625	14.75	0.36		14.39
D (17)	139.2500	15.18	1.28		13.9	QQ (53)	397.2625	14.69	0.06		14.63
B (18)	145.2500	15.49	0.59		14.9	RR (54)	403.2500	14.61	-0.31		14.92
F (19)	151.3210	16.77	2.20		14.57	SS (55)	409.2500	14.85	-0.55		15.4
G (20)	157.2500	15.45	0.59		14.86	TT (56)	415.2500	14.48	-1.31		15.79
H (21)	163.2500	15.65	1.09		14.56	UU (57)	421.2500	13.67	-1.39		15.06
I (22)	169.2500	15.39	0.82		14.57	VV (58)	427.2500	13.16	-1.87		15.03
7	175.2500	15.20	0.86		14.34	WW (59)	433.2500	12.67	-2.86		15.53
8	181.2500	14.79	0.20		14.59	XX (60)	439.2500	12.20	-2.66		14.86
9	187.2500	14.45	-0.37		14.82	YY (61)	445.2500	12.26	-2.25		14.51
10	193.2500	14.27	-1.16		15.43	ZZ (62)	451.2500	12.25	-1.99		14.24
11	199.2500	14.02	-1.50		15.52	63	457.2500	12.42	-1.87		14.29
12	205.2500	13.46	-0.88		14.34	64	463.2500	12.40	-2.02		14.42
13	211.2500	12.88	-2.89		15.77	65	469.2500	12.67	-1.99		14.66
J (23)	217.2500	12.39	-2.03		14.42	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	12.22	-2.33		14.55	67	481.2500	12.72	-2.32		15.04
L (25)	229.2625	11.85	-2.69		14.54	68	487.2500	12.55	-2.34		14.89
M (26)	235.2625	11.41	-3.31		14.72	69	493.2500	12.84	-1.75		14.59
N (27)	241.2625	11.12	-3.53		14.65	70	499.2500	12.55	-1.40		13.95
O (28)	247.2625	11.34	-3.36		14.7	71	505.2500	13.38	-1.37		14.75
P (29)	253.2625	11.59	-3.02		14.61	72	511.2500	13.28	-1.29		14.57
Q (30)	259.2625	11.69	-2.55		14.24	73	517.2500	13.69	-0.58		14.27
R (31)	265.2625	11.64	-2.27		13.91	74	523.2500	13.62	-1.49		15.11
S (32)	271.2625	11.93	-2.06		13.99	75	529.2500	13.38	-1.08		14.46
T (33)	277.2625	12.33	-2.00		14.33	76	535.2500	12.51	-1.67		14.18
U (34)	283.2625	12.63	-1.79		14.42	77	541.2500	13.20	-2.20		15.4
V (35)	289.2625	13.07	-2.09		15.16	78	547.2500	12.30	-2.70		15
W (36)	295.2625	13.26	-0.99		14.25	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.28	-1.04		14.32	80	559.2500	12.10	-2.16		14.26
BB (38)	307.2625	13.58	-1.53		15.11	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.00	-0.48		13.48						

Min Channel	:	N(27)	11.120
Max Channel	:	3	16.850
Peak to Valley	:	5.73	

TESTPOINT 11, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Island Rd

Date : 8/16/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.6	72.9	79.0	0.4
16	0.2	48.4	70.1	78.1	
21	0.3	49.7	68.3	78.6	
13	0.5	49.2	67.0	72.3	
36	0.4	49.0	66.1	70.8	
41	0.3	49.5	64.8	72.2	
44	0.2	50.6	68.0	75.4	
56	0.3	49.9	64.2	73.4	
73	0.4	49.9	67.5	76.5	

TESTPOINT 11, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

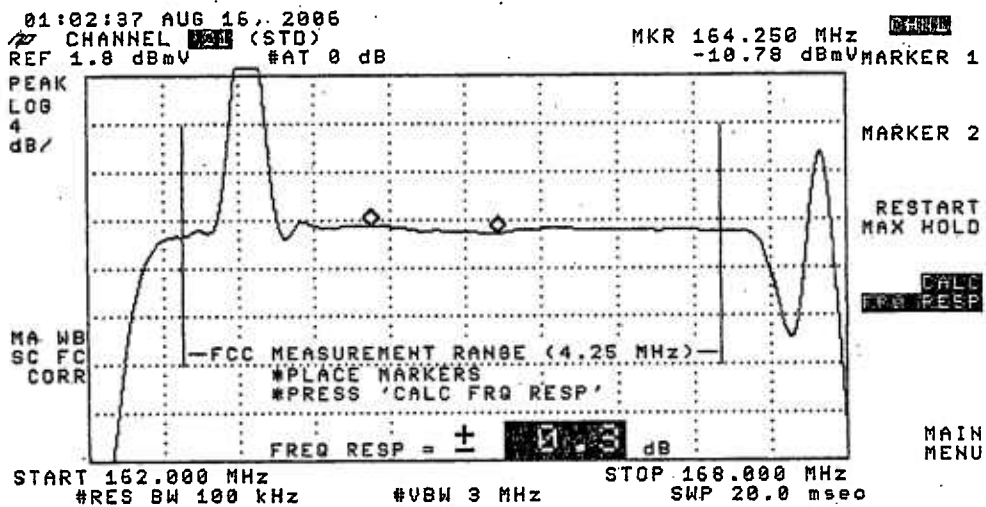
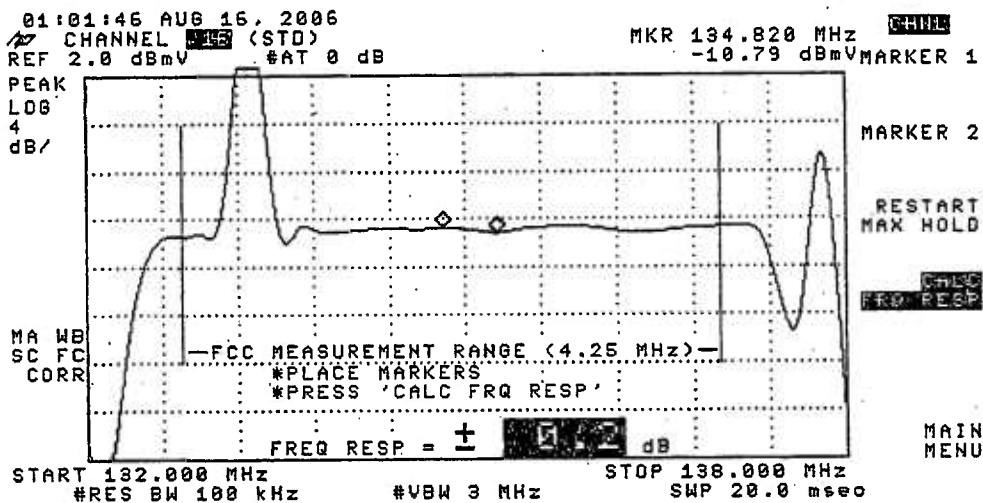
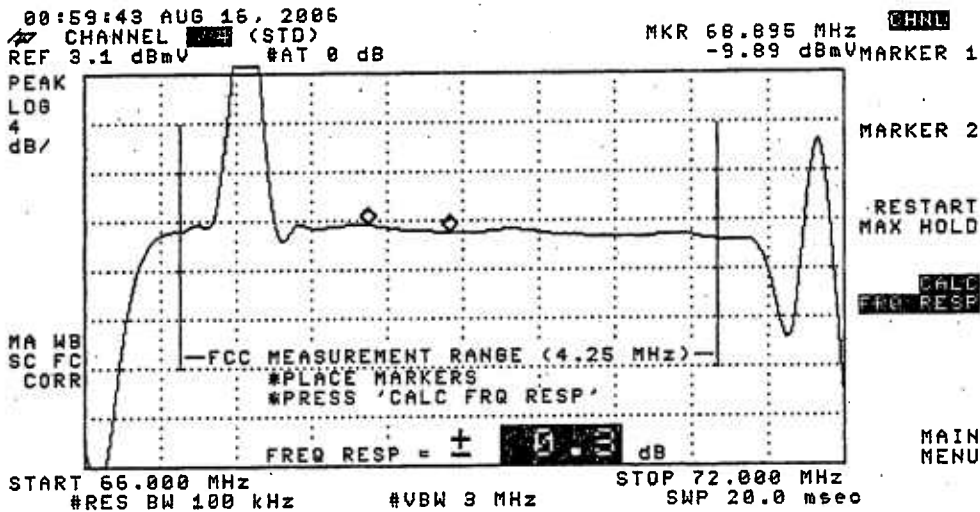
System Name : Syracuse

Date : 8/16/2006

Performed By : Benny LaRocca

Location : Island Rd

(SEE THE ATTACHED SWEEP TRACES)

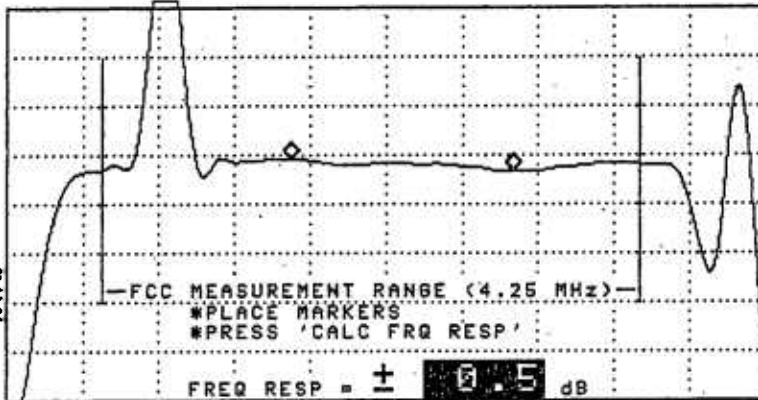


01:03:35 AUG 16, 2006
CHANNEL 33 (STD)
REF -0.2 dBmV #AT 0 dB

MKR 214.005 MHz
-13.51 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALL
FRQ RESP

MAIN
MENU

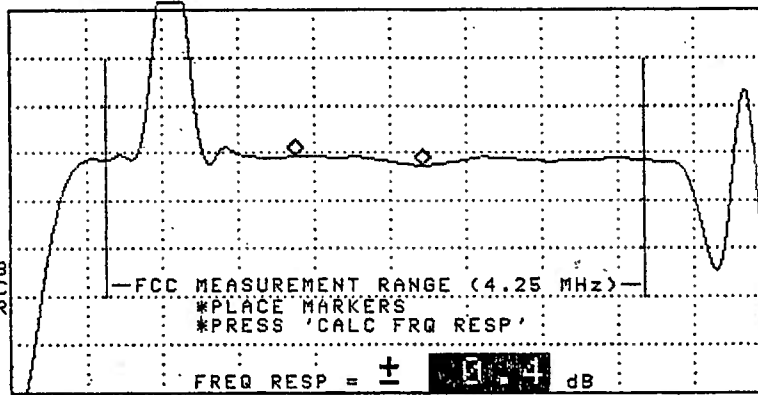
START 210.000 MHz STOP 216.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

01:05:06 AUG 16, 2006
CHANNEL 33 (STD)
REF -0.6 dBmV #AT 0 dB

MKR 296.250 MHz
-12.98 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALL
FRQ RESP

MAIN
MENU

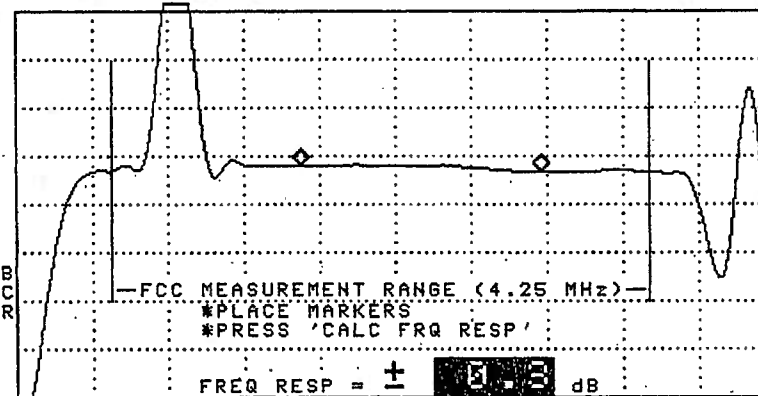
START 294.000 MHz STOP 300.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

01:06:25 AUG 16, 2006
CHANNEL 33 (STD)
REF -0.8 dBmV #AT 0 dB

MKR 328.155 MHz
-12.48 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



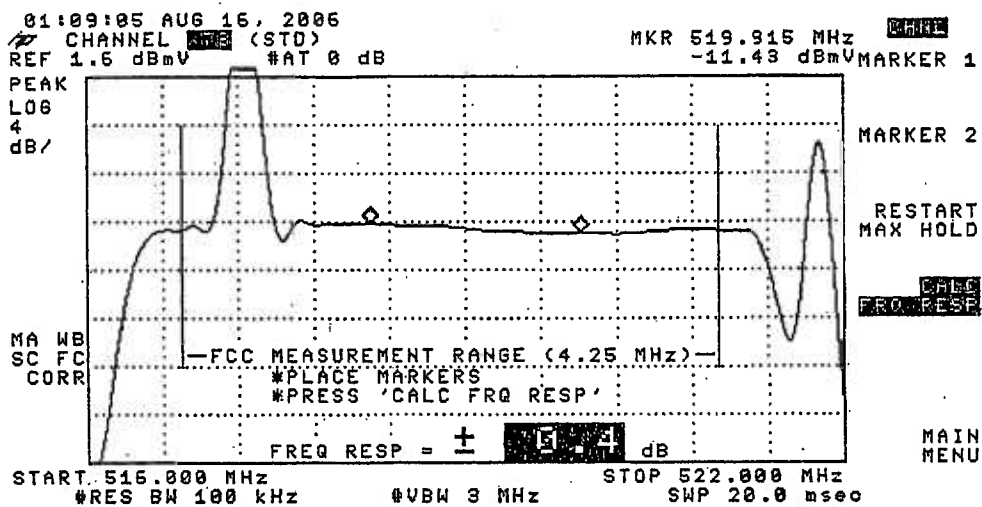
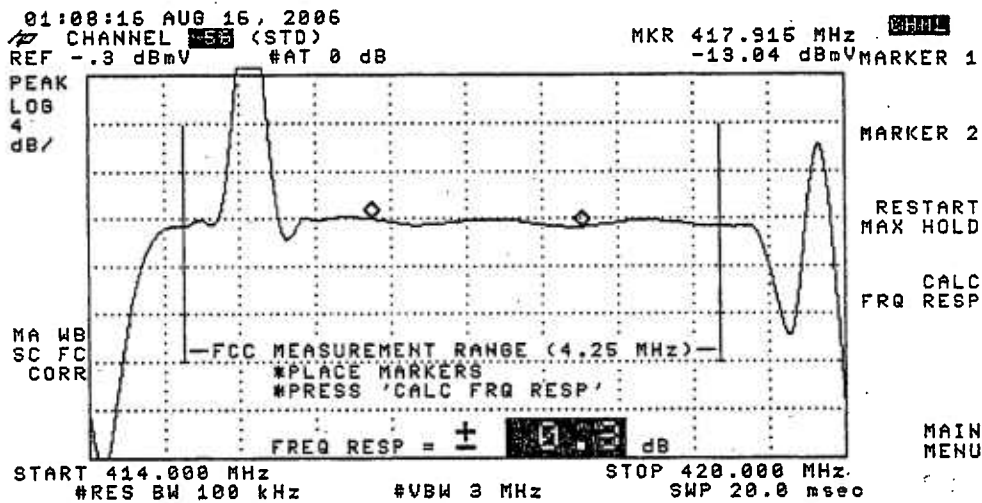
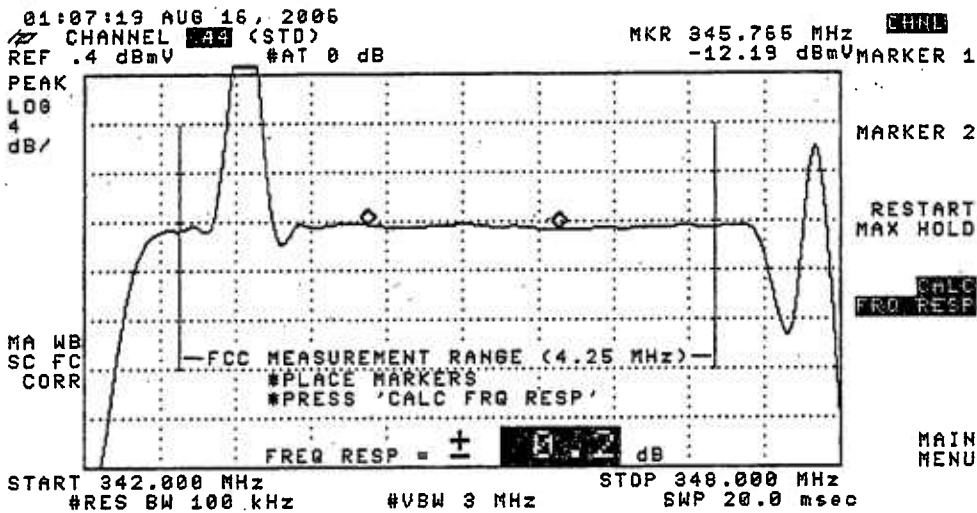
MARKER 2

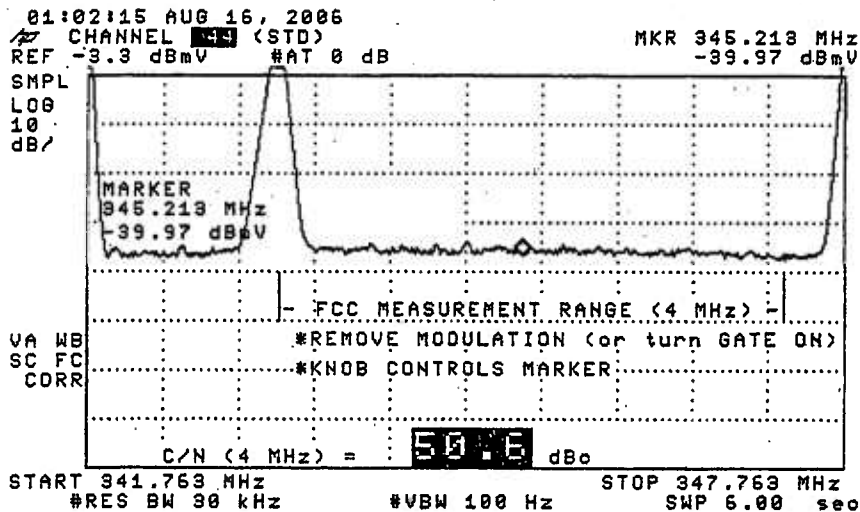
RESTART
MAX HOLD

CALL
FRQ RESP

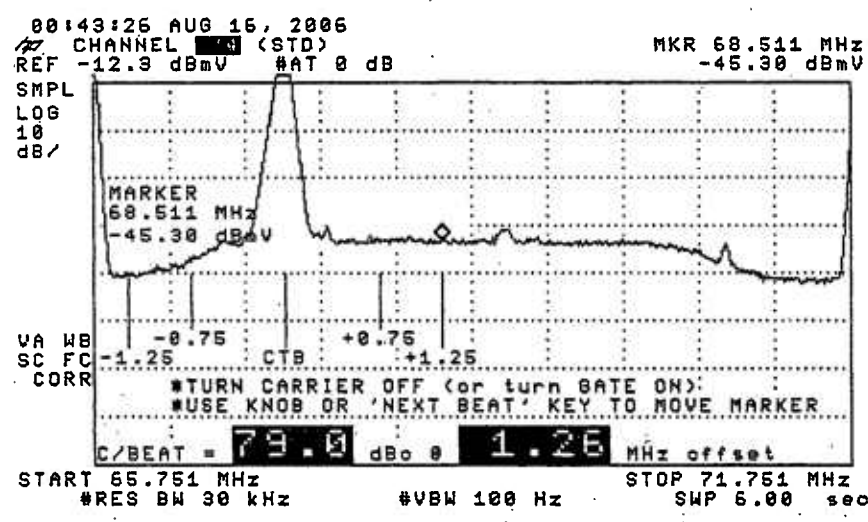
MAIN
MENU

START 324.000 MHz STOP 330.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

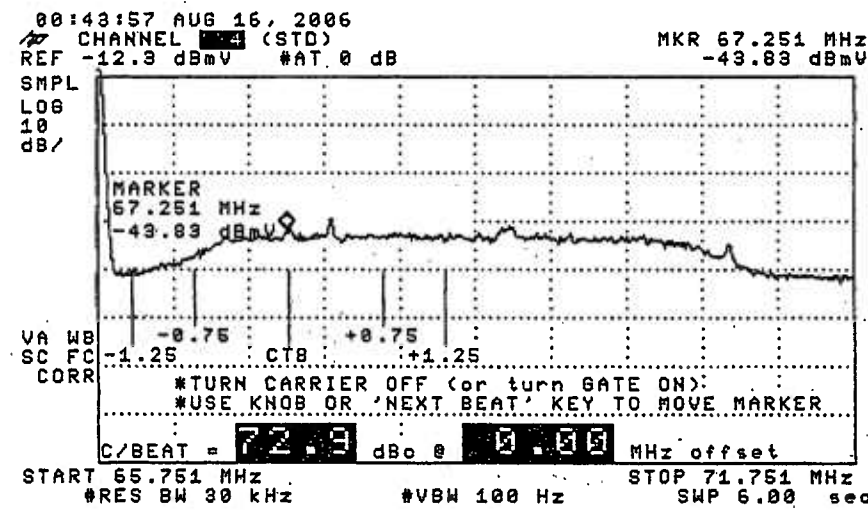




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU

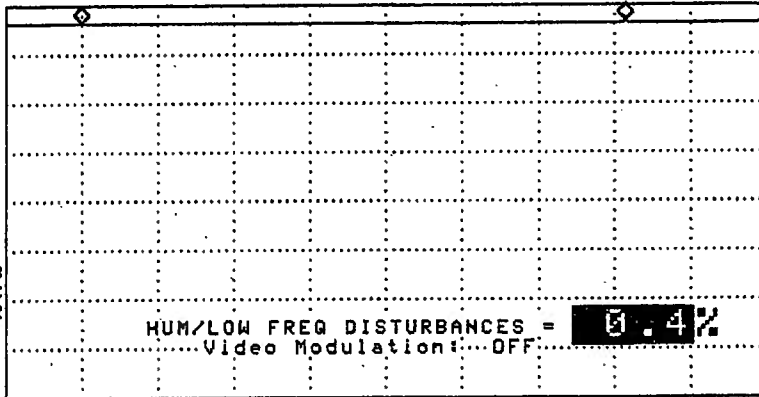
00:23:53 AUG 16, 2006
CHANNEL 4 (STD)
REF 18.0 dBmV #AT 0 dB

MKR Δ -35.750 msec
-0.05 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.245 MHz #RES BW 1.0 MHz #VBW 1 kHz STOP 67.245 MHz #SWP 50.0 msec

TESTPOINT 11, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION**VISUAL CARRIER LEVEL VARIATION TEST**

System Name : Syracuse Test Location : Island Rd
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F						TEMP F					
		68.00	78.00	68.00	60.00			68.00	78.00	68.00	60.00		
		TIME						TIME					
		10:29:00	16:30:00	22:32:00	04:30:00			10:29:00	16:30:00	22:32:00	04:30:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	15.59	14.98	15.85	16.43	1.45	DD(40)	319.2625	14.07	13.02	13.78	14.40	1.38
3	61.2500	16.85	16.39	17.05	17.68	1.29	EE(41)	325.2625	14.79	13.80	15.35	15.15	1.55
4	67.2500	16.82	16.29	17.04	17.58	1.29	FF(42)	331.2750	14.75	14.39	15.30	15.20	0.91
5	77.2500	15.42	14.82	15.82	16.43	1.61	GG(43)	337.2625	14.93	14.55	15.30	15.25	0.75
6	83.2500	15.00	14.34	15.50	15.94	1.6	HH(44)	343.2625	15.56	15.00	15.91	16.13	1.13
A-5(95)	91.2500						II(45)	349.2625	15.04	14.58	15.52	15.83	1.25
A-4(96)	97.2500						JJ(46)	355.2625	14.76	14.19	15.19	16.46	2.27
A-3(97)	103.2500						KK(47)	361.2625	14.73	14.10	15.21	15.91	1.81
A-2(98)	109.2750	15.09	14.51	15.49	15.88	1.37	LL(48)	367.2625	14.44	13.86	14.88	15.34	1.48
A-1(99)	115.2750	14.95	14.32	15.32	15.77	1.45	MM(49)	373.2625	14.52	14.12	14.91	15.42	1.3
A(14)	121.2625	15.13	14.39	15.57	15.95	1.56	NN(50)	379.2625	14.43	13.98	14.98	15.41	1.43
B(15)	127.2625	15.10	14.49	15.52	15.79	1.3	OO(51)	385.2625	14.42	13.94	15.00	15.34	1.4
C(16)	133.2625	15.50	14.86	15.90	16.39	1.53	PP(52)	391.2625	14.75	14.34	15.29	15.57	1.23
D(17)	139.2500	15.18	14.46	15.67	16.14	1.68	QQ(53)	397.2625	14.69	14.29	15.30	15.72	1.43
E(18)	145.2500	15.49	14.68	15.84	16.40	1.72	RR(54)	403.2500	14.61	14.27	15.21	15.57	1.3
F(19)	151.3210	16.77	15.97	17.13	17.61	1.64	SS(55)	409.2500	14.85	14.37	15.41	15.76	1.39
G(20)	157.2500	15.45	14.84	15.80	16.34	1.5	TT(56)	415.2500	14.48	13.93	15.11	15.46	1.53
H(21)	163.2500	15.65	15.02	16.08	16.54	1.52	UU(57)	421.2500	13.67	13.24	14.14	14.63	1.39
I(22)	169.2500	15.39	14.67	15.72	16.30	1.63	VV(58)	427.2500	13.16	12.73	13.63	14.05	1.32
7	175.2500	15.20	14.75	15.59	16.07	1.32	WW(59)	433.2500	12.67	12.28	13.10	13.50	1.22
8	181.2500	14.79	14.23	15.20	15.67	1.44	XX(60)	439.2500	12.20	11.84	12.66	13.04	1.2
9	187.2500	14.45	13.84	14.81	15.34	1.5	YY(61)	445.2500	12.26	11.96	12.76	13.14	1.18
10	193.2500	14.27	14.00	14.72	15.18	1.18	ZZ(62)	451.2500	12.25	11.99	12.68	13.07	1.08
11	199.2500	14.02	13.27	14.41	14.95	1.68	63	457.2500	12.42	12.18	12.85	13.21	1.03
12	205.2500	13.46	12.84	13.71	14.37	1.53	64	463.2500	12.40	12.07	12.75	13.19	1.12
13	211.2500	12.88	12.29	13.08	13.63	1.34	65	469.2500	12.67	12.29	12.98	13.37	1.08
J(23)	217.2500	12.39	11.92	12.69	13.27	1.35	66	475.2500					
K(24)	223.2500	12.22	11.68	12.45	12.91	1.23	67	481.2500	12.72	12.25	13.05	13.38	1.13
L(25)	229.2625	11.85	11.04	12.03	12.68	1.64	68	487.2500	12.55	12.09	12.79	13.24	1.15
M(26)	235.2625	11.41	10.61	11.37	12.10	1.49	69	493.2500	12.84	12.34	12.95	13.46	1.12
N(27)	241.2625	11.12	10.34	11.23	11.89	1.55	70	499.2500	12.55	12.16	12.72	13.21	1.05
O(28)	247.2625	11.34	10.34	11.51	12.20	1.86	71	505.2500	13.38	13.02	13.46	13.95	0.93
P(29)	253.2625	11.59	10.68	11.78	12.26	1.68	72	511.2500	13.28	12.85	13.45	13.94	1.09
Q(30)	259.2625	11.69	10.98	11.77	12.45	1.47	73	517.2500	13.69	13.32	13.91	14.38	1.06
R(31)	265.2625	11.64	11.00	11.84	12.40	1.4	74	523.2500	13.62	13.24	13.77	14.24	1
S(32)	271.2625	11.93	11.34	12.09	12.61	1.27	75	529.2500	13.38	12.92	13.62	14.13	1.21
T(33)	277.2625	12.33	11.76	12.59	12.93	1.17	76	535.2500	12.51	12.19	12.77	13.20	1.01
U(34)	283.2625	12.63	12.03	12.87	13.20	1.17	77	541.2500	13.20	12.89	13.41	13.83	0.94
V(35)	289.2625	13.07	12.48	13.37	13.52	1.04	78	547.2500	12.30	11.89	12.55	12.89	1
W(36)	295.2625	13.26	12.63	13.69	13.85	1.22	79	553.2500					
AA(37)	301.2625	13.28	12.56	13.57	13.80	1.24	80	559.2500	12.10	11.95	12.31	12.68	0.73
BB(38)	307.2625	13.58	13.00	14.04	14.29	1.29	81	565.2500					
CC(39)	313.2625	13.00	12.71	13.66	13.99	1.28							

Max Non Adjacent Channel Level Diff :- 6.05
 Max Adjacent Channel Level Diff :- 1.57
 Max Variance from last proof of performance test :- 5.6
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 12, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 12
Hub Name : Liverpool
Location : Brow St
Map Number : 317-5656
Pole Number : 3
D.T. Value : 17-4
OR Number : 34
GNA Cascade : Node + 4
LE Cascade :

TESTPOINT 12, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Brow St
Date : 08/09/2006 Time : 11:03:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	10.06	-4.25		14.31	DD (40)	319.2625	9.41	-5.14		14.55
3	61.2500	9.69	-4.25		13.94	EE (41)	325.2625	9.49	-5.13		14.62
4	67.2500	10.00	-4.97		14.97	FF (42)	331.2750	9.59	-5.07		14.66
5	77.2500	9.05	-6.42		15.47	GG (43)	337.2625	9.27	-5.35		14.62
6	83.2500	8.67	-5.54		14.21	HH (44)	343.2625	9.50	-4.75		14.25
A-5 (95)	91.2500	N/A	N/A		N/A	I (45)	349.2625	9.35	-5.52		14.87
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	9.14	-6.02		15.16
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	8.70	-5.78		14.48
A-2 (98)	109.2750	9.07	-5.18		14.25	LL (48)	367.2625	8.79	-6.19		14.98
A-1 (99)	115.2750	9.04	-5.39		14.43	MM (49)	373.2625	8.88	-6.03		14.91
A (14)	121.2625	9.06	-4.61		13.67	NN (50)	379.2625	8.65	-5.15		13.8
B (15)	127.2625	9.42	-4.57		13.99	OO (51)	385.2625	9.11	-5.26		14.37
C (16)	133.2625	10.51	-3.64		14.15	PP (52)	391.2625	9.45	-4.96		14.41
D (17)	139.2500	10.22	-3.61		13.83	QQ (53)	397.2625	9.38	-5.48		14.86
B (18)	145.2500	10.30	-4.16		14.46	RR (54)	403.2500	9.58	-5.39		14.97
F (19)	151.3210	12.09	-2.75		14.84	SS (55)	409.2500	9.19	-6.34		15.53
G (20)	157.2500	10.54	-4.24		14.78	TT (56)	415.2500	8.80	-6.74		15.54
H (21)	163.2500	10.69	-3.76		14.45	UU (57)	421.2500	8.10	-6.81		14.91
I (22)	169.2500	11.07	-3.21		14.28	VV (58)	427.2500	7.41	-6.99		14.4
7	175.2500	11.05	-2.91		13.96	WW (59)	433.2500	7.25	-7.21		14.46
8	181.2500	11.07	-3.37		14.44	XX (60)	439.2500	7.68	-6.00		13.68
9	187.2500	11.00	-4.31		15.31	YY (61)	445.2500	8.68	-5.50		14.18
10	193.2500	10.80	-4.33		15.13	ZZ (62)	451.2500	9.49	-4.84		14.33
11	199.2500	10.93	-4.21		15.14	63	457.2500	9.83	-4.42		14.25
12	205.2500	10.86	-2.91		13.77	64	463.2500	9.64	-4.73		14.37
13	211.2500	10.61	-4.62		15.23	65	469.2500	9.56	-4.93		14.49
J (23)	217.2500	11.28	-3.69		14.97	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	10.97	-3.52		14.49	67	481.2500	9.22	-5.46		14.68
L (25)	229.2625	10.83	-3.13		13.96	68	487.2500	9.12	-5.42		14.54
M (26)	235.2625	11.02	-3.99		15.01	69	493.2500	9.48	-4.80		14.28
N (27)	241.2625	10.67	-4.31		14.98	70	499.2500	9.79	-4.47		14.26
O (28)	247.2625	10.42	-4.41		14.83	71	505.2500	9.85	-4.78		14.63
P (29)	253.2625	10.10	-4.73		14.83	72	511.2500	9.83	-4.72		14.55
Q (30)	259.2625	9.69	-4.43		14.12	73	517.2500	10.36	-4.00		14.36
R (31)	265.2625	9.58	-4.93		14.51	74	523.2500	10.17	-4.53		14.7
S (32)	271.2625	9.42	-4.97		14.39	75	529.2500	10.18	-4.32		14.5
T (33)	277.2625	9.55	-4.85		14.4	76	535.2500	9.61	-4.87		14.48
U (34)	283.2625	9.68	-4.93		14.61	77	541.2500	9.93	-5.14		15.07
V (35)	289.2625	9.83	-5.26		15.09	78	547.2500	9.36	-5.68		15.04
W (36)	295.2625	9.71	-4.71		14.42	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	9.65	-4.58		14.23	80	559.2500	9.84	-4.59		14.43
BB (38)	307.2625	9.68	-4.96		14.64	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	9.50	-4.51		14.01						

Min Channel	:	WW(59)	7.250
Max Channel	:	F(19)	12.090
Peak to Valley	:		4.84

TESTPOINT 12, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
 CARRIER - TO - NOISE TEST
 COHERENT DISTURBANCES TEST
 LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse **Date** : 8/15/2006
Performed By : Benny LaRocca
Location : Brow St

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.0	67.2	77.6	0.6
16	0.1	50.9	64.6	73.2	
21	0.2	49.0	66.1	76.2	
13	0.0	48.1	65.1	78.5	
36	0.1	48.3	63.7	74.5	
41	0.2	47.7	63.0	74.4	
44	0.0	48.8	63.9	75.5	
56	0.2	48.6	64.0	76.6	
73	0.1	48.8	65.0	71.1	

TESTPOINT 12, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

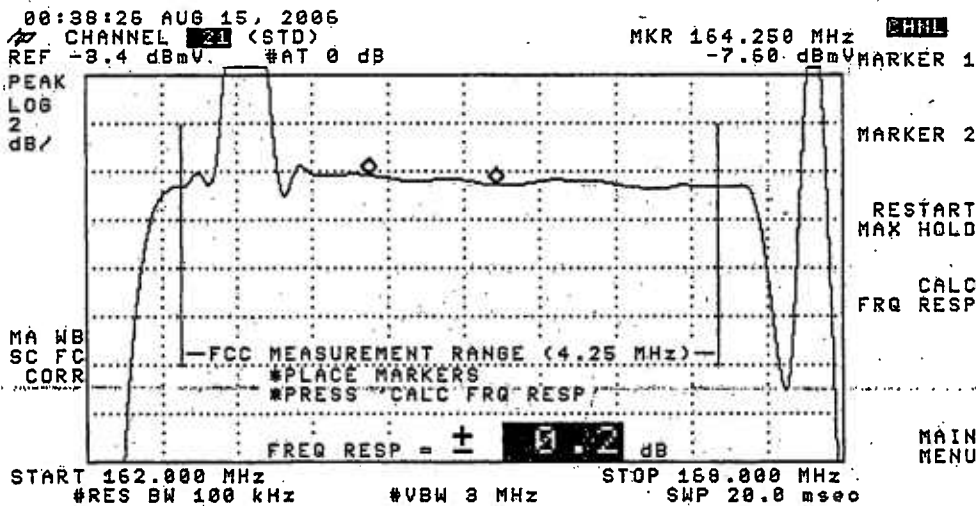
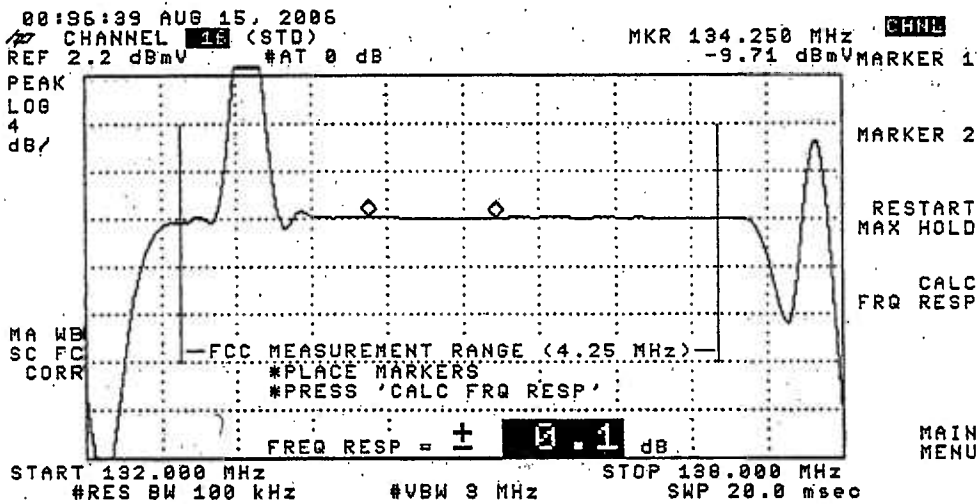
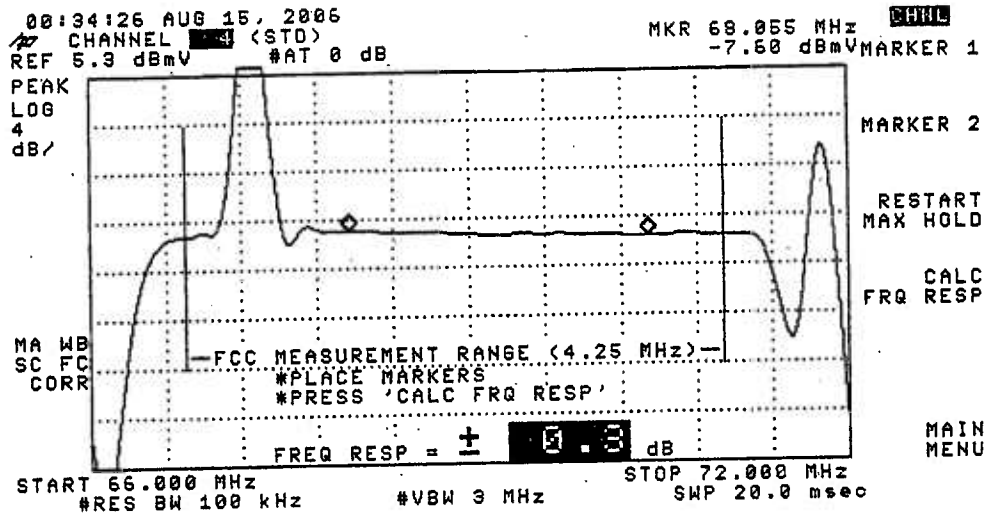
System Name : Syracuse

Date : 8/15/2006

Performed By : Benny LaRocca

Location : Brow St

(SEE THE ATTACHED SWEEP TRACES)

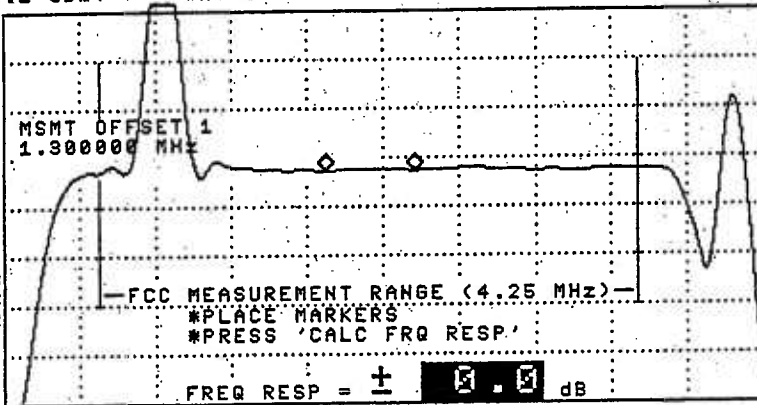


00:40:10 AUG 15, 2006
CHANNEL 13 (STD)
REF 4.2 dBmV #AT 0 dB

MKR 212.550 MHz CHNL
-8.89 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

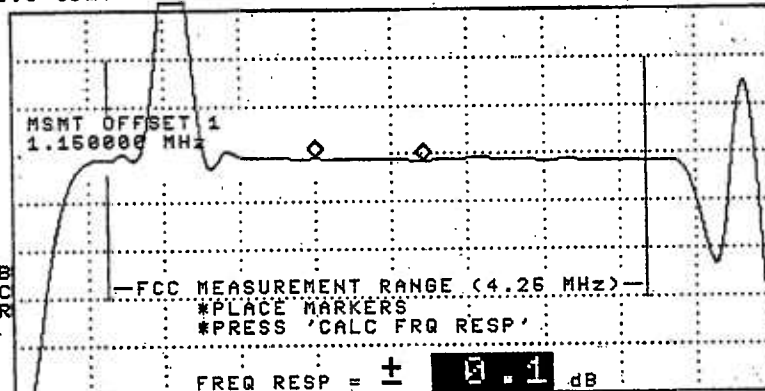
START 210.000 MHz STOP 216.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

00:41:33 AUG 15, 2006
CHANNEL 36 (STD)
REF 2.3 dBmV #AT 0 dB

MKR 296.400 MHz CHNL
-10.07 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

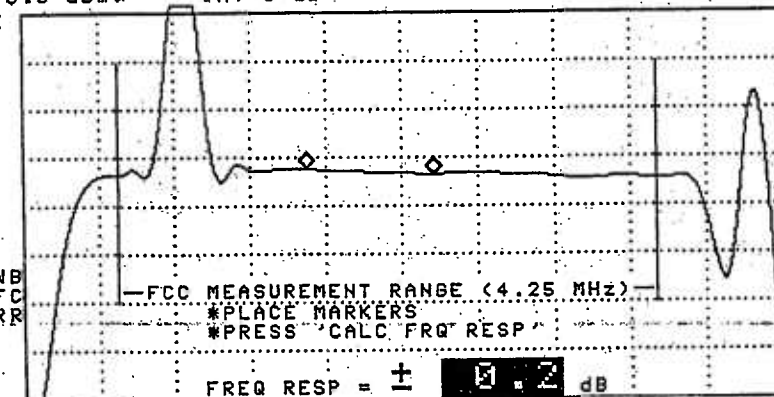
START 294.000 MHz STOP 300.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

00:43:55 AUG 15, 2006
CHANNEL 41 (STD)
REF 3.0 dBmV #AT 0 dB

MKR 326.250 MHz CHNL
-9.97 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

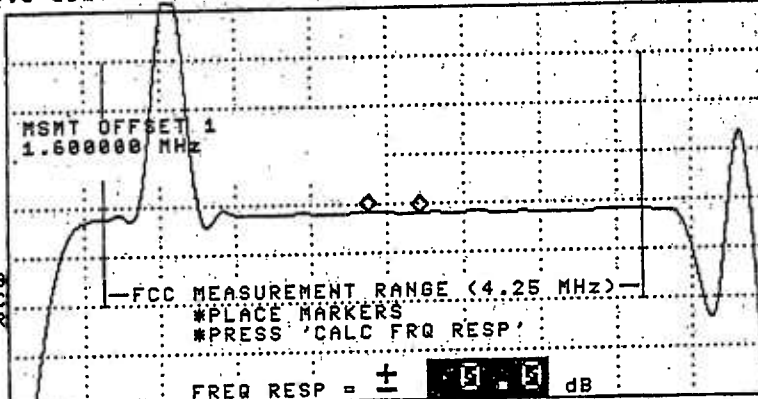
START 324.000 MHz STOP 330.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

00:45:38 AUG 15, 2006
CHANNEL 44 (STD)
REF 6.5 dBmV #AT 0 dB

MKR 344.850 MHz CHHL
-10.11 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

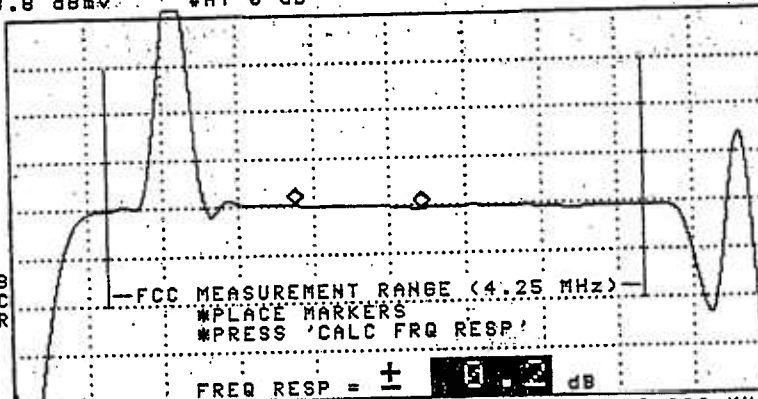
START 342.000 MHz STOP 348.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

01:51:42 AUG 15, 2006
CHANNEL 53 (STD)
REF 3.8 dBmV #AT 0 dB

MKR 416.250 MHz CHHL
-12.12 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

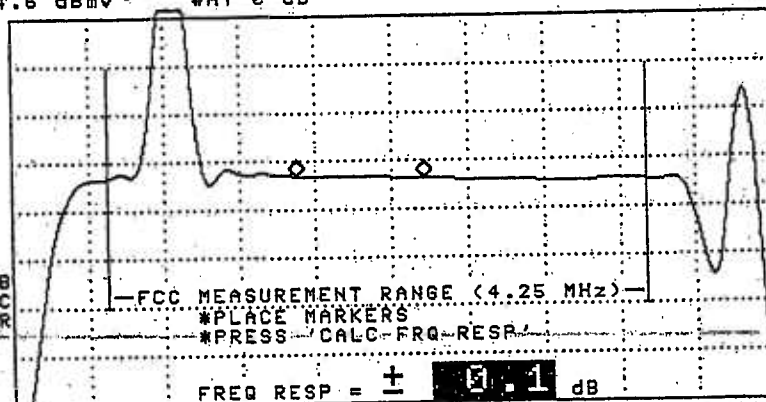
START 414.000 MHz STOP 420.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

00:49:11 AUG 15, 2006
CHANNEL 73 (STD)
REF 4.6 dBmV #AT 0 dB

MKR 518.250 MHz CHHL
-8.64 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



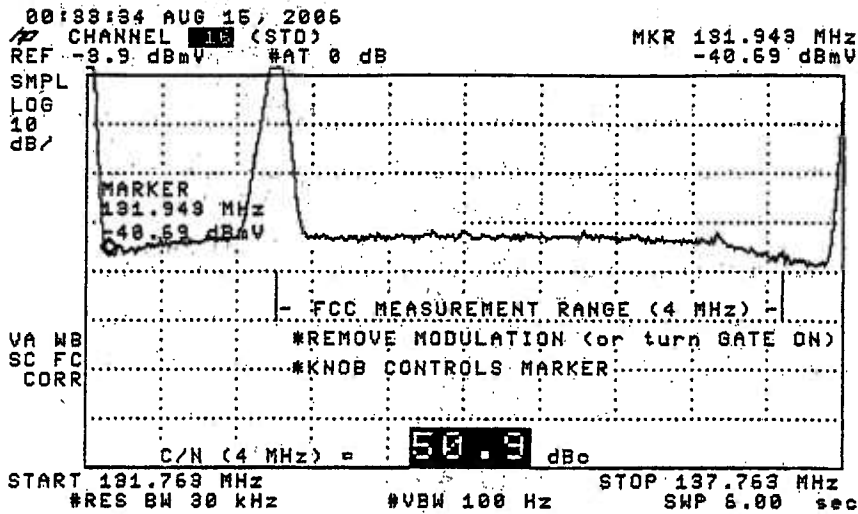
MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 516.000 MHz STOP 522.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

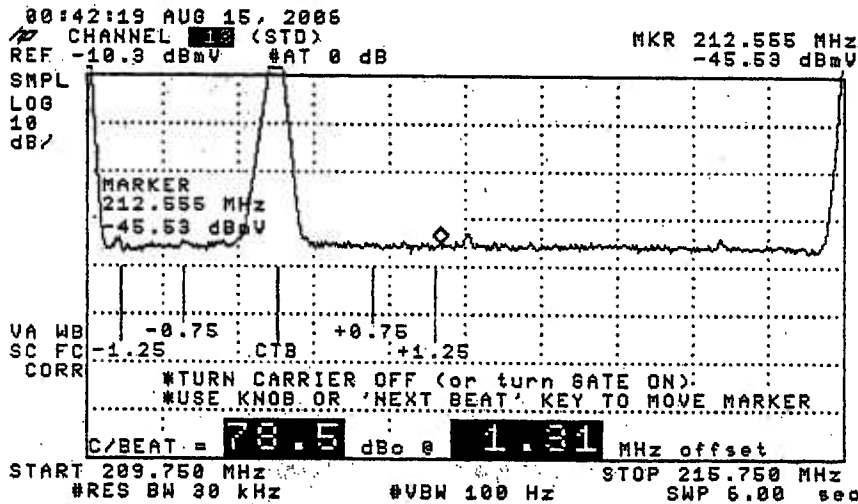


CHNL
 GATE ON OFF
 AVERAGE ON OFF

MORE INFO

More

MAIN MENU



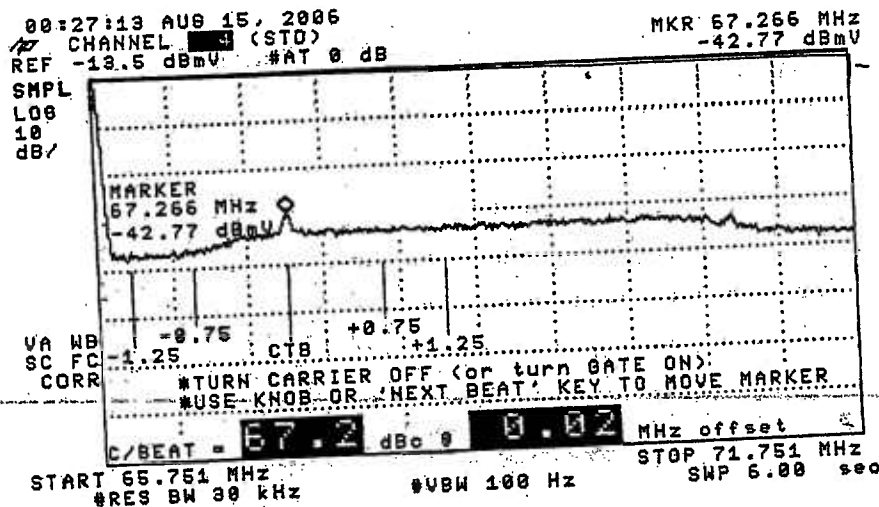
CHNL
 GATE ON OFF
 AVERAGE ON OFF

ZOOM & MEASURE

NEXT BEAT

More

MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF

ZOOM & MEASURE

NEXT BEAT

More

MAIN MENU

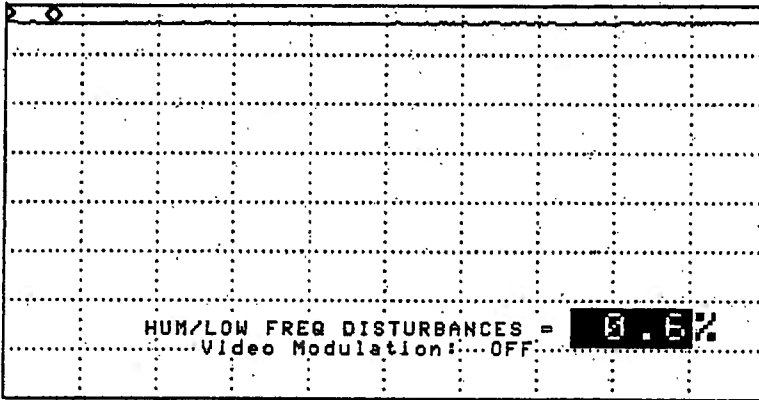
00:10:05 AUG 15, 2006
CHANNEL [] (STD)
REF 11.5 dBmV #AT 0 dB

MKR Δ 3.1250 msec
-0.05 dB

CH1

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.235 MHz STOP 67.235 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SKP 50.0 msec

TESTPOINT 12, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Brow St
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F				TEMP F							
		68.00	78.00	68.00	61.00								
		TIME				TIME							
		11:03:00	17:00:00	23:00:00	04:58:00	11:03:00	17:00:00	23:00:00	04:58:00				
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	10.06	10.97	10.50	10.94	0.91	DD(40)	319.2625	9.41	10.03	9.81	9.92	0.62
3	61.2500	9.69	10.85	10.56	11.03	1.34	EE(41)	325.2625	9.49	10.25	9.99	10.36	0.87
4	67.2500	10.00	10.78	10.42	10.84	0.84	FF(42)	331.2750	9.59	10.52	10.18	10.54	0.95
5	77.2500	9.05	9.83	9.33	9.69	0.78	GG(43)	337.2625	9.27	10.03	9.83	10.19	0.92
6	83.2500	8.67	9.40	9.20	9.51	0.84	HH(44)	343.2625	9.50	10.32	10.02	10.41	0.91
A-5(95)	91.2500						II(45)	349.2625	9.35	10.19	10.01	10.39	1.04
A-4(96)	97.2500						JJ(46)	355.2625	9.14	9.86	9.77	10.12	0.98
A-3(97)	103.2500						KK(47)	361.2625	8.70	9.52	9.30	9.73	1.03
A-2(98)	109.2750	9.07	9.73	9.54	9.74	0.67	LL(48)	367.2625	8.79	9.48	9.15	9.69	-0.9
A-1(99)	115.2750	9.04	9.72	9.63	9.95	0.91	MM(49)	373.2625	8.88	9.45	9.42	9.64	0.76
A(14)	121.2625	9.06	9.77	10.07	10.41	1.35	NN(50)	379.2625	8.65	9.38	9.27	9.61	0.96
B(15)	127.2625	9.42	10.24	10.20	10.55	1.13	OO(51)	385.2625	9.11	9.88	9.72	10.07	0.96
C(16)	133.2625	10.51	10.72	10.34	10.73	0.39	PP(52)	391.2625	9.45	10.21	10.09	10.45	1
D(17)	139.2500	10.22	11.01	10.29	10.48	0.79	QQ(53)	397.2625	9.38	10.19	10.05	10.38	1
B(18)	145.2500	10.30	11.00	10.81	11.11	0.81	RR(54)	403.2500	9.58	10.29	10.21	10.49	0.91
F(19)	151.3210	12.09	12.83	12.72	12.97	0.88	SS(55)	409.2500	9.19	9.94	9.82	10.14	0.95
Q(20)	157.2500	10.54	11.47	11.20	11.37	0.93	TT(56)	415.2500	8.80	9.52	9.46	9.74	0.94
H(21)	163.2500	10.69	11.51	11.34	11.65	0.96	UU(57)	421.2500	8.10	8.71	8.77	8.91	0.81
I(22)	169.2500	11.07	11.86	11.67	11.95	0.88	VV(58)	427.2500	7.41	8.32	7.99	8.28	0.91
7	175.2500	11.05	11.82	11.72	12.00	0.95	WW(59)	433.2500	7.25	8.07	7.81	8.01	0.82
8	181.2500	11.07	11.79	11.66	12.05	0.98	XX(60)	439.2500	7.68	8.53	8.28	8.45	0.85
9	187.2500	11.00	11.84	11.62	11.98	0.98	YY(61)	445.2500	8.68	9.42	9.30	9.32	0.74
10	193.2500	10.80	11.77	12.08	11.68	1.28	ZZ(62)	451.2500	9.49	10.24	9.88	9.97	0.75
11	199.2500	10.93	11.63	11.59	11.84	0.91	63	457.2500	9.83	10.71	10.43	10.40	0.88
12	205.2500	10.86	11.59	11.41	11.86	1	64	463.2500	9.64	10.55	10.27	10.27	0.91
13	211.2500	10.61	11.42	11.09	11.36	0.81	65	469.2500	9.56	10.52	10.29	10.24	0.96
J(23)	217.2500	11.28	12.10	11.46	11.96	0.82	66	475.2500					
K(24)	223.2500	10.97	11.82	11.23	11.70	0.85	67	481.2500	9.22	10.22	10.07	10.11	1
L(25)	229.2625	10.83	11.73	11.34	11.55	0.9	68	487.2500	9.12	9.93	9.76	9.76	0.81
M(26)	235.2625	11.02	11.88	11.35	11.80	0.86	69	493.2500	9.48	10.42	9.99	9.89	0.94
N(27)	241.2625	10.67	11.43	11.25	11.63	0.96	70	499.2500	9.79	10.81	10.55	10.56	1.02
O(28)	247.2625	10.42	11.14	10.86	11.36	0.94	71	505.2500	9.85	10.87	10.56	10.62	1.02
P(29)	253.2625	10.10	10.85	10.55	10.99	0.89	72	511.2500	9.83	10.88	10.50	10.55	1.05
Q(30)	259.2625	9.69	10.45	10.06	10.55	0.86	73	517.2500	10.36	11.30	10.95	11.04	0.94
R(31)	265.2625	9.58	10.38	9.92	10.44	0.86	74	523.2500	10.17	11.14	10.79	10.93	0.97
S(32)	271.2625	9.42	10.29	9.83	10.29	0.87	75	529.2500	10.18	11.22	10.97	11.11	1.04
T(33)	277.2625	9.55	10.30	9.75	10.29	0.75	76	535.2500	9.61	10.51	10.43	10.58	0.97
U(34)	283.2625	9.68	10.36	9.86	10.39	0.71	77	541.2500	9.93	10.90	10.93	11.10	1.17
V(35)	289.2625	9.83	10.55	10.18	10.63	0.8	78	547.2500	9.36	10.23	10.36	10.54	1.18
W(36)	295.2625	9.71	10.40	10.00	10.41	0.7	79	553.2500					
AA(37)	301.2625	9.65	10.29	9.94	10.23	0.64	80	559.2500	9.84	10.61	10.82	11.02	1.18
BB(38)	307.2625	9.68	10.31	10.16	10.42	0.74	81	565.2500					
CC(39)	313.2625	9.50	10.26	9.95	10.13	0.76							

Max Non Adjacent Channel Level Diff :- 4.96
 Max Adjacent Channel Level Diff :- 1.91
 Max Variance from last proof of performance test :- 5.13
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 13
Hub Name : Liverpool
Location : Longbranch Rd
Map Number : 305-5662
Pole Number : 11
D.T. Value : 17-4
OR Number : 37
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 13, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Longbranch Rd
Date : 08/09/2006 Time : 11:30:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	11.38	-2.34		13.72	DD (40)	319.2625	9.66	-4.70		14.36
3	61.2500	12.25	-2.36		14.61	EE (41)	325.2625	9.81	-4.73		14.54
4	67.2500	11.93	-2.61		14.34	FF (42)	331.2750	9.66	-4.89		14.55
5	77.2500	11.45	-3.81		15.26	GG (43)	337.2625	10.11	-4.86		14.97
6	83.2500	11.35	-2.93		14.28	HH (44)	343.2625	10.37	-3.84		14.21
A-5 (95)	91.2500	N/A	N/A		N/A	I (45)	349.2625	10.43	-3.86		14.29
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	10.35	-4.57		14.92
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	10.63	-4.45		15.08
A-2 (98)	109.2750	11.40	-3.31		14.71	LL (48)	367.2625	10.64	-3.80		14.44
A-1 (99)	115.2750	11.35	-2.66		14.01	MM (49)	373.2625	10.35	-4.13		14.48
A (14)	121.2625	11.28	-2.71		13.99	NN (50)	379.2625	9.97	-4.65		14.62
B (15)	127.2625	11.70	-2.39		14.09	OO (51)	385.2625	10.10	-5.06		15.16
C (16)	133.2625	12.53	-1.35		13.88	PP (52)	391.2625	10.10	-4.89		14.99
D (17)	139.2500	12.52	-1.56		14.08	QQ (53)	397.2625	9.69	-5.06		14.75
E (18)	145.2500	12.90	-2.20		15.1	RR (54)	403.2500	9.43	-5.07		14.5
F (19)	151.3210	14.87	0.21		14.66	SS (55)	409.2500	9.31	-5.67		14.98
G (20)	157.2500	13.28	-1.32		14.6	TT (56)	415.2500	9.46	-5.71		15.17
H (21)	163.2500	13.43	-0.97		14.4	UU (57)	421.2500	9.27	-5.23		14.5
I (22)	169.2500	13.92	-0.56		14.48	VV (58)	427.2500	8.87	-5.39		14.26
7	175.2500	13.86	0.18		13.68	WW (59)	433.2500	8.78	-6.39		15.17
8	181.2500	14.21	-0.13		14.34	XX (60)	439.2500	8.82	-5.60		14.42
9	187.2500	14.24	-0.64		14.88	YY (61)	445.2500	9.46	-5.09		14.55
10	193.2500	14.65	-0.84		15.49	ZZ (62)	451.2500	9.80	-4.63		14.43
11	199.2500	14.70	-0.73		15.43	63	457.2500	9.96	-4.20		14.16
12	205.2500	14.30	0.46		13.84	64	463.2500	9.95	-4.26		14.21
13	211.2500	14.27	-0.73		15	65	469.2500	10.23	-4.02		14.25
J (23)	217.2500	15.10	-0.74		15.84	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	13.42	-0.27		13.69	67	481.2500	10.10	-4.61		14.71
L (25)	229.2625	13.93	-0.41		14.34	68	487.2500	10.03	-4.91		14.94
M (26)	235.2625	13.80	-1.07		14.87	69	493.2500	10.35	-4.55		14.9
N (27)	241.2625	13.38	-2.30		15.68	70	499.2500	10.27	-4.21		14.48
O (28)	247.2625	11.96	-3.09		15.05	71	505.2500	9.98	-4.89		14.87
P (29)	253.2625	11.96	-2.43		14.39	72	511.2500	9.50	-5.31		14.81
Q (30)	259.2625	12.20	-2.01		14.21	73	517.2500	9.73	-5.07		14.8
R (31)	265.2625	12.42	-1.91		14.33	74	523.2500	9.32	-5.88		15.2
S (32)	271.2625	12.64	-1.05		13.69	75	529.2500	8.85	-5.31		14.16
T (33)	277.2625	12.50	-1.89		14.39	76	535.2500	8.52	-5.83		14.35
U (34)	283.2625	12.39	-2.21		14.6	77	541.2500	8.83	-5.98		14.81
V (35)	289.2625	12.33	-2.60		14.93	78	547.2500	8.56	-6.19		14.75
W (36)	295.2625	12.58	-2.09		14.67	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	12.47	-2.05		14.52	80	559.2500	9.26	-4.36		13.62
BB (38)	307.2625	12.32	-2.74		15.06	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	10.05	-3.91		13.96						

Min Channel	:	WW(59)	8.830
Max Channel	:	J(23)	15.100
Peak to Valley	:	6.27	

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
 CARRIER - TO - NOISE TEST
 COHERENT DISTURBANCES TEST
 LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Longbranch Rd

Date : 8/15/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	47.4	67.4	71.8	0.6
16	0.2	47.0	66.8	77.0	
21	0.2	48.1	65.2	76.0	
13	0.2	48.4	64.2	75.9	
36	0.1	47.9	65.2	75.0	
41	0.1	49.6	63.7	75.3	
44	0.0	48.8	63.6	76.3	
56	0.2	47.6	64.2	71.8	
73	0.1	48.8	64.2	75.5	

TESTPOINT 13, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

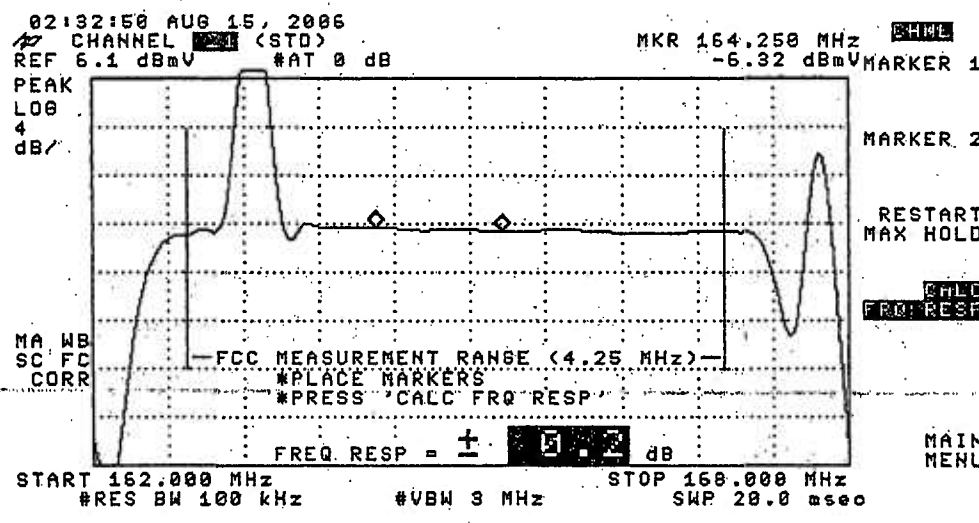
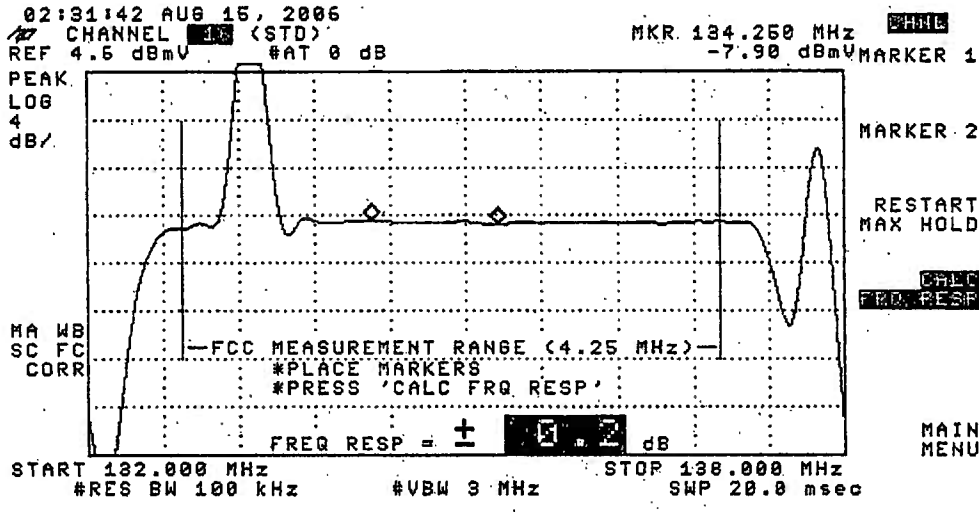
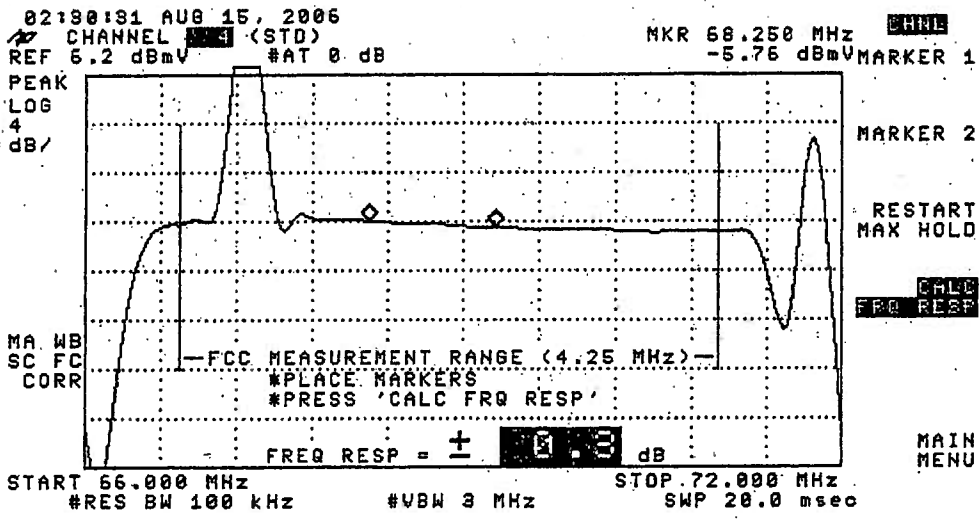
System Name : Syracuse

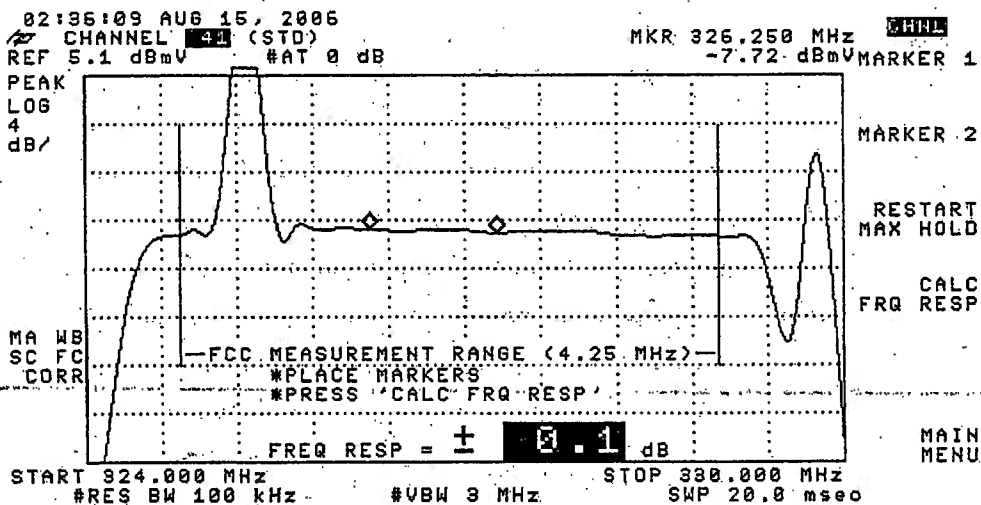
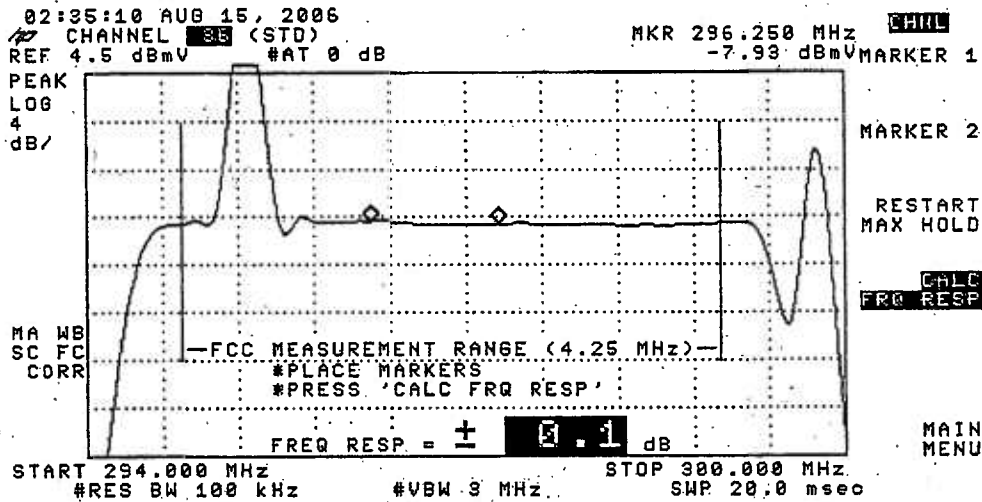
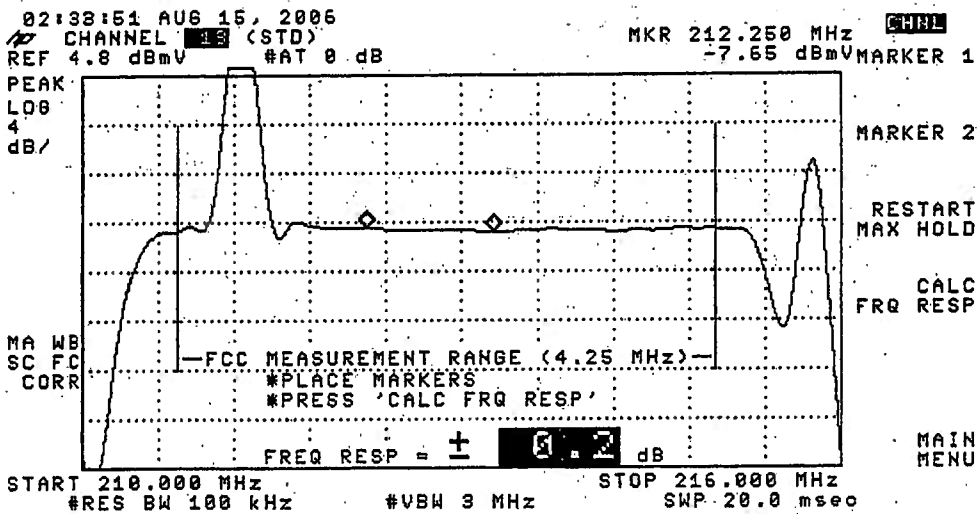
Date : 8/15/2006

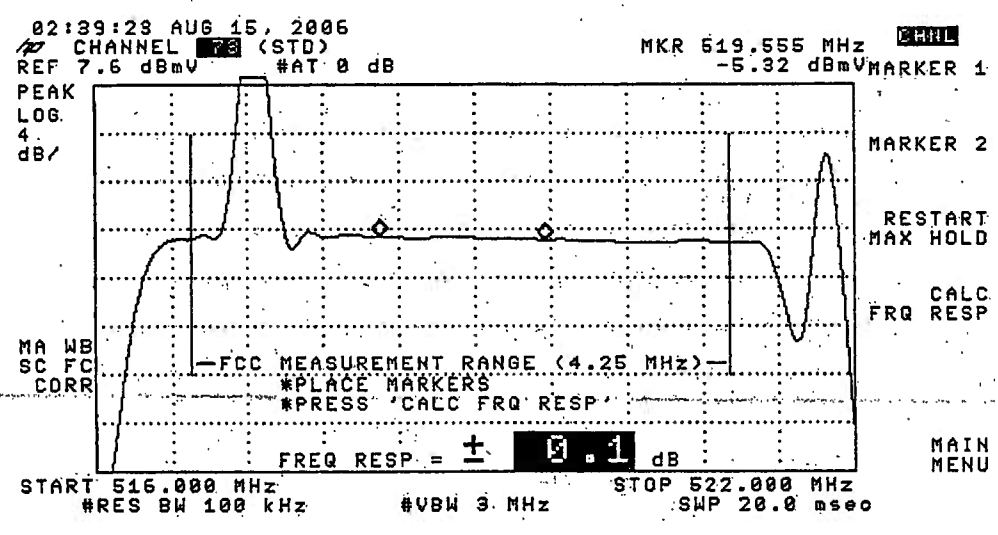
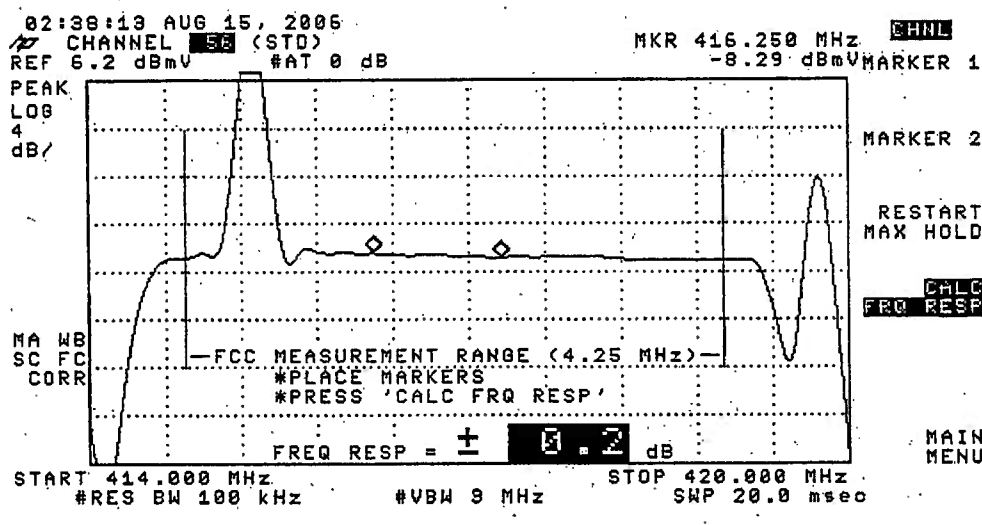
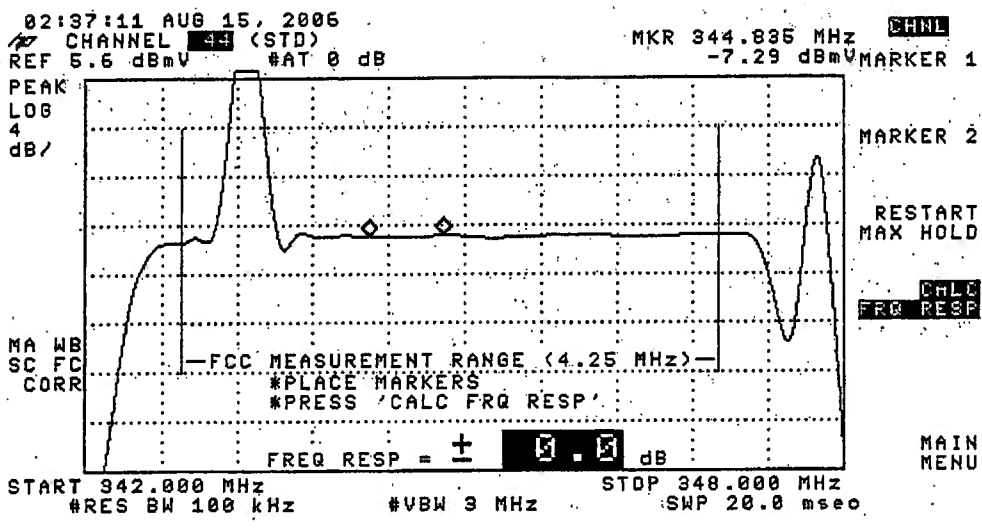
Performed By : Benny LaRocca

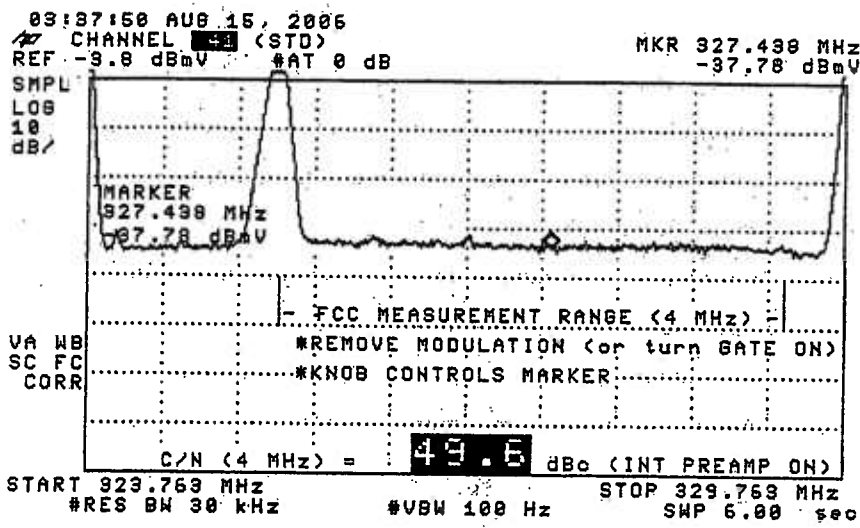
Location : Longbranch Rd

(SEE THE ATTACHED SWEEP TRACES)

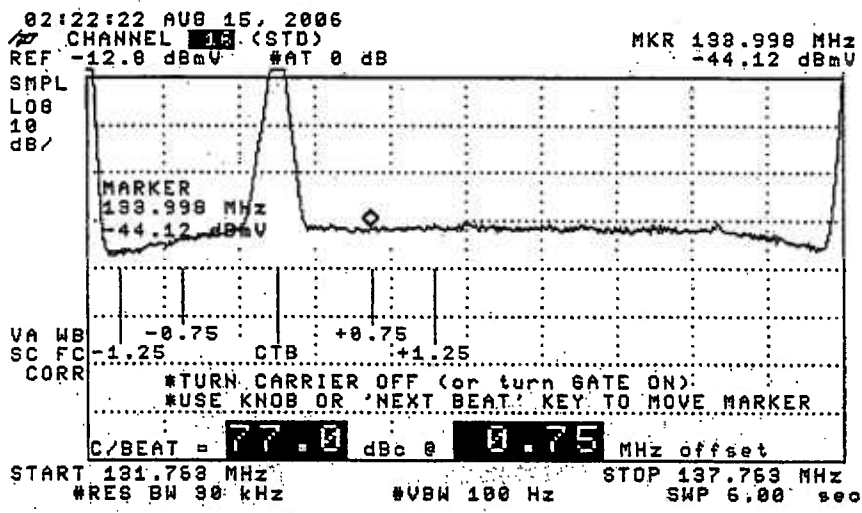




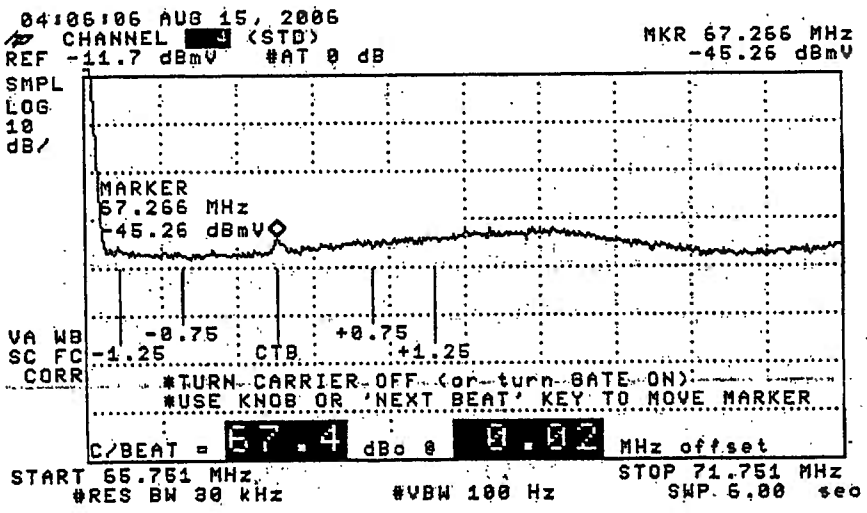




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU

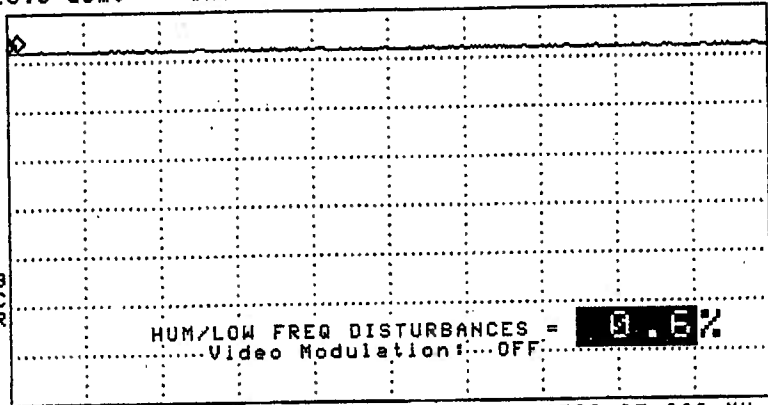
02:05:29 AUG 15, 2006
CHANNEL 4 (STD)
REF 15.0 dBmV #AT 0 dB

MKR Δ -625.00 μsec
-.05 dB

CHNL

PEAK
LOB
1
dB/

WA SB
SC FC
CORR



HUM/LOW FREQ DISTURBANCES = 0.6%
Video Modulation: OFF

START 67.238 MHz #RES BW 1.0 MHz #VBN 1 kHz
STOP 67.238 MHz #SWP 50.0 msec

MORE
INFO

MAIN
MENU

TESTPOINT 13, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Longbranch Rd
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F						TEMP F					
		68.00	77.00	67.00	61.00			68.00	77.00	67.00	61.00		
		TIME						TIME					
		11:30:00	17:27:00	23:29:00	05:33:00			11:30:00	17:27:00	23:29:00	05:33:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	11.38	11.61	12.05	12.76	1.38	DD(40)	319.2625	11.36	11.36	11.68	12.02	0.66
3	61.2500	12.25	12.50	12.89	13.66	1.41	EE(41)	325.2625	11.70	11.73	11.98	12.36	0.66
4	67.2500	11.93	12.15	12.50	13.28	1.35	FF(42)	331.2750	11.79	11.67	12.04	12.42	0.75
5	77.2500	11.45	11.41	12.20	13.14	1.73	GG(43)	337.2625	11.90	11.79	12.10	12.45	0.66
6	83.2500	11.35	11.56	12.07	12.82	1.47	HH(44)	343.2625	12.04	11.95	12.22	12.64	0.69
A-5(95)	91.2500						II(45)	349.2625	11.84	11.86	11.95	12.45	0.61
A-4(96)	97.2500						JJ(46)	355.2625	11.27	11.08	11.38	11.81	0.73
A-3(97)	103.2500						KK(47)	361.2625	11.28	11.00	11.23	11.58	0.58
A-2(98)	109.2750	11.40	11.64	12.10	12.74	1.34	LL(48)	367.2625	11.34	11.21	12.03	12.03	0.82
A-1(99)	115.2750	11.35	11.44	11.97	12.67	1.32	MM(49)	373.2625	10.89	10.77	11.40	12.00	1.23
A(14)	121.2625	11.28	11.37	11.93	12.59	1.31	NN(50)	379.2625	10.54	10.56	11.06	11.56	1.02
B(15)	127.2625	11.70	11.78	12.30	12.89	1.19	OO(51)	385.2625	10.38	10.38	10.82	11.25	0.87
C(16)	133.2625	12.53	12.60	13.16	13.73	1.2	PP(52)	391.2625	10.71	10.62	11.20	11.60	0.98
D(17)	139.2500	12.52	12.40	13.16	13.74	1.34	QQ(53)	397.2625	10.66	10.54	11.13	11.53	0.99
E(18)	145.2500	12.90	12.79	13.45	14.00	1.21	RR(54)	403.2500	10.50	10.45	10.93	11.35	0.9
F(19)	151.3210	14.87	14.88	15.43	16.05	1.18	SS(55)	409.2500	10.28	10.15	10.76	11.14	0.99
G(20)	157.2500	13.28	13.39	13.84	14.49	1.21	TT(56)	415.2500	9.96	9.82	10.49	10.92	1.1
H(21)	163.2500	13.43	13.54	14.02	14.68	1.25	UU(57)	421.2500	9.62	9.55	10.11	10.52	0.97
I(22)	169.2500	13.92	14.08	14.43	15.09	1.17	VV(58)	427.2500	9.03	9.03	9.57	9.91	0.88
7	175.2500	13.86	13.96	14.32	14.99	1.13	WW(59)	433.2500	8.83	9.01	9.47	9.73	0.9
8	181.2500	14.21	14.21	14.69	15.28	1.07	XX(60)	439.2500	9.11	8.95	9.34	9.91	0.95
9	187.2500	14.24	14.29	14.61	15.23	0.99	YY(61)	445.2500	9.45	9.39	9.95	10.36	0.97
10	193.2500	14.65	14.16	14.63	15.18	1.02	ZZ(62)	451.2500	10.30	10.25	10.83	11.25	1
11	199.2500	14.70	14.64	15.02	15.65	1.01	63	457.2500	10.43	10.36	10.89	11.23	0.87
12	205.2500	14.30	14.29	14.65	15.32	1.03	64	463.2500	10.63	10.51	11.18	11.54	1.03
13	211.2500	14.27	14.31	14.64	15.20	0.93	65	469.2500	10.47	10.29	10.99	11.40	1.11
J(23)	217.2500	15.10	15.09	15.48	15.99	0.9	66	475.2500					
K(24)	223.2500	13.42	13.50	13.61	14.33	0.91	67	481.2500	10.89	10.73	11.34	11.81	1.08
L(25)	229.2625	13.93	13.88	14.25	14.75	0.87	68	487.2500	10.76	10.64	11.20	11.62	0.98
M(26)	235.2625	13.80	13.77	14.22	14.63	0.86	69	493.2500	11.22	11.09	11.62	12.03	0.94
N(27)	241.2625	13.38	13.43	13.71	14.20	0.82	70	499.2500	11.55	11.43	11.99	12.36	0.93
O(28)	247.2625	11.96	12.07	12.41	12.82	0.86	71	505.2500	11.60	11.39	11.99	12.39	1
P(29)	253.2625	11.96	11.89	12.47	12.95	1.06	72	511.2500	11.68	11.52	12.11	12.47	0.95
Q(30)	259.2625	12.20	12.18	12.71	13.14	0.96	73	517.2500	12.20	11.98	12.55	12.95	0.97
R(31)	265.2625	12.42	12.43	12.88	13.28	0.86	74	523.2500	12.17	11.71	12.51	12.79	1.08
S(32)	271.2625	12.64	12.73	13.09	13.48	0.84	75	529.2500	12.16	11.82	12.48	12.84	1.02
T(33)	277.2625	12.50	12.55	13.06	13.51	1.01	76	535.2500	12.21	11.87	12.46	12.65	0.78
U(34)	283.2625	12.39	12.62	12.93	13.34	0.95	77	541.2500	12.56	12.26	12.95	13.19	0.93
V(35)	289.2625	12.33	12.51	12.98	13.37	1.04	78	547.2500	12.82	12.40	13.11	13.34	0.94
W(36)	295.2625	12.58	12.46	12.89	13.24	0.78	79	553.2500					
AA(37)	301.2625	12.47	12.32	12.72	13.14	0.82	80	559.2500	13.47	13.09	13.68	13.73	0.64
BB(38)	307.2625	12.32	12.01	12.56	12.94	0.93	81	565.2500					
CC(39)	313.2625	11.82	11.77	12.05	12.45	0.68							

Max Non Adjacent Channel Level Diff :- 6.32
 Max Adjacent Channel Level Diff :- 2.09
 Max Variance from last proof of performance test :- 3.91
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 14, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 14
Hub Name : Chimes
Location : Vincent and Alden
Map Number : 335-5628
Pole Number : 4
D.T. Value : 23-4
OR Number : 2339
GNA Cascade : Node + 1
LE Cascade :

TESTPOINT 14, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Vincent and Alden
Date : 08/09/2006 Time : 12:00:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	10.63	-4.06		14.69	DD (40)	319.2625	9.66	-4.70		14.36
3	61.2500	10.40	-4.78		15.18	EE (41)	325.2625	9.81	-4.73		14.54
4	67.2500	10.34	-5.22		15.56	FF (42)	331.2750	9.66	-4.89		14.55
5	77.2500	9.86	-5.32		15.18	GG (43)	337.2625	10.11	-4.86		14.97
6	83.2500	9.14	-4.72		13.86	HH (44)	343.2625	10.37	-3.84		14.21
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	10.43	-3.86		14.29
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	10.35	-4.57		14.92
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	10.63	-4.45		15.08
A-2 (98)	109.2750	10.23	-4.00		14.23	LL (48)	367.2625	10.64	-3.80		14.44
A-1 (99)	115.2750	10.05	-4.15		14.2	MM (49)	373.2625	10.35	-4.13		14.48
A (14)	121.2625	9.43	-4.95		14.38	NN (50)	379.2625	9.97	-4.65		14.62
B (15)	127.2625	9.71	-3.96		13.67	OO (51)	385.2625	10.10	-5.06		15.16
C (16)	133.2625	9.91	-4.47		14.38	PP (52)	391.2625	10.10	-4.89		14.99
D (17)	139.2500	9.82	-4.63		14.45	QQ (53)	397.2625	9.69	-5.06		14.75
E (18)	145.2500	10.02	-5.17		15.19	RR (54)	403.2500	9.43	-5.07		14.5
F (19)	151.3210	11.11	-3.29		14.4	SS (55)	409.2500	9.31	-5.67		14.98
G (20)	157.2500	9.41	-5.02		14.43	TT (56)	415.2500	9.46	-5.71		15.17
H (21)	163.2500	9.99	-4.51		14.5	UU (57)	421.2500	9.27	-5.23		14.5
I (22)	169.2500	10.52	-4.46		14.98	VV (58)	427.2500	8.87	-5.39		14.26
7	175.2500	10.18	-3.95		14.13	WW (59)	433.2500	8.78	-6.39		15.17
8	181.2500	10.09	-3.73		13.82	XX (60)	439.2500	8.82	-5.60		14.42
9	187.2500	10.57	-4.32		14.89	YY (61)	445.2500	9.46	-5.09		14.55
10	193.2500	10.73	-4.46		15.19	ZZ (62)	451.2500	9.80	-4.63		14.43
11	199.2500	10.80	-3.30		14.1	63	457.2500	9.96	-4.20		14.16
12	205.2500	10.74	-3.17		13.91	64	463.2500	9.95	-4.26		14.21
13	211.2500	10.25	-4.97		15.22	65	469.2500	10.23	-4.02		14.25
J (23)	217.2500	10.36	-4.45		14.81	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	9.84	-4.69		14.53	67	481.2500	10.10	-4.61		14.71
L (25)	229.2625	9.76	-4.58		14.34	68	487.2500	10.03	-4.91		14.94
M (26)	235.2625	9.84	-4.84		14.68	69	493.2500	10.35	-4.55		14.9
N (27)	241.2625	10.02	-4.66		14.68	70	499.2500	10.27	-4.21		14.48
O (28)	247.2625	9.93	-4.20		14.13	71	505.2500	9.98	-4.89		14.87
P (29)	253.2625	10.07	-4.32		14.39	72	511.2500	9.50	-5.31		14.81
Q (30)	259.2625	9.46	-4.91		14.37	73	517.2500	9.73	-5.07		14.8
R (31)	265.2625	9.81	-4.82		14.63	74	523.2500	9.32	-5.88		15.2
S (32)	271.2625	9.22	-4.93		14.15	75	529.2500	8.85	-5.31		14.16
T (33)	277.2625	10.09	-3.85		13.94	76	535.2500	8.52	-5.83		14.35
U (34)	283.2625	10.05	-4.71		14.76	77	541.2500	8.83	-5.98		14.81
V (35)	289.2625	10.07	-5.33		15.4	78	547.2500	8.56	-6.19		14.75
W (36)	295.2625	10.05	-4.19		14.24	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	9.93	-4.05		13.98	80	559.2500	9.26	-4.36		13.62
BB (38)	307.2625	10.25	-4.56		14.81	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	10.05	-3.91		13.96						

Min Channel	:	76	8.520
Max Channel	:	F(19)	11.110
Peak to Valley	:	2.59	

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse **Date** : 8/15/2006
Performed By : Don Palmer
Location : Vincent and Alden

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.2	48.8	71.5	77.8	0.4
16	0.1	50.4	70.8	78.3	
21	0.2	50.3	70.9	78.6	
13	0.1	50.5	68.9	75.4	
36	0.1	49.6	67.8	75.5	
41	0.2	49.5	68.7	74.8	
44	0.3	50.3	68.5	76.0	
56	0.2	50.1	67.6	69.9	
73	0.2	49.1	68.5	63.9	

TESTPOINT 14, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/15/2006

Performed By : Don Palmer

Location : Vincent and Alden

(SEE THE ATTACHED SWEEP TRACES)

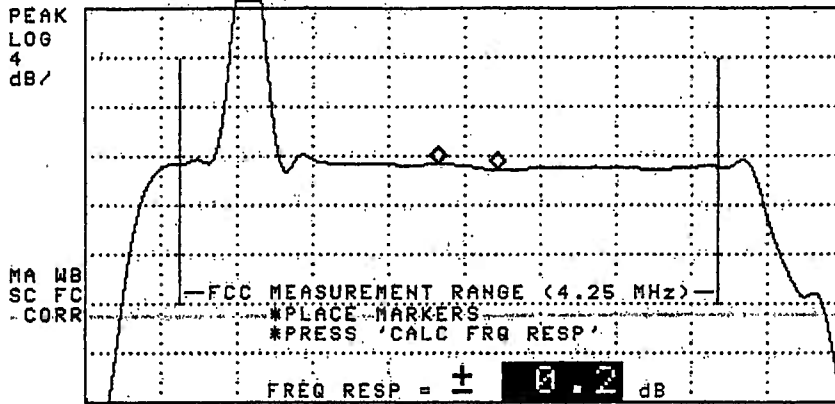
06:18:10 AUG 15, 2006
CHANNEL 9 (STD)
REF 2.7 dBmV #AT 0 dB

MKR 68.790 MHz CHNL
-9.93 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 56.000 MHz #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec
STOP 72.000 MHz



MARKER 2

RESTART
MAX HOLD

CHNL
FREQ RESP

MAIN
MENU

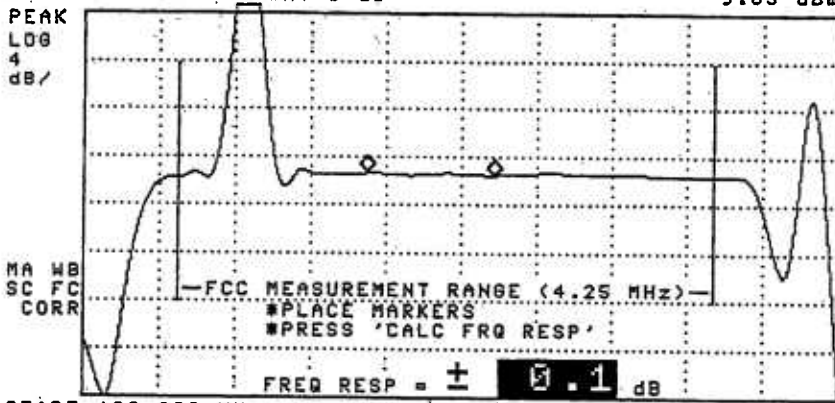
06:03:13 AUG 15, 2006
CHANNEL 15 (STD)
REF 3.5 dBmV #AT 0 dB

MKR 134.250 MHz CHNL
-9.83 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 132.000 MHz #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec
STOP 138.000 MHz



MARKER 2

RESTART
MAX HOLD

CHNL
FREQ RESP

MAIN
MENU

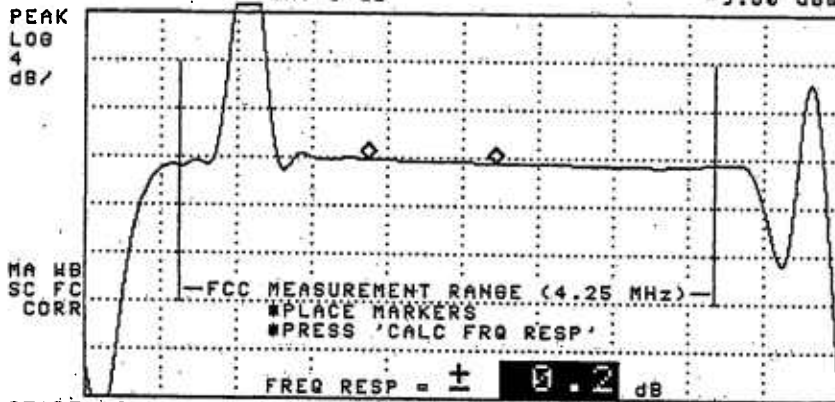
06:04:20 AUG 15, 2006
CHANNEL 21 (STD)
REF 2.3 dBmV #AT 0 dB

MKR 154.250 MHz CHNL
-9.80 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 152.000 MHz #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec
STOP 158.000 MHz

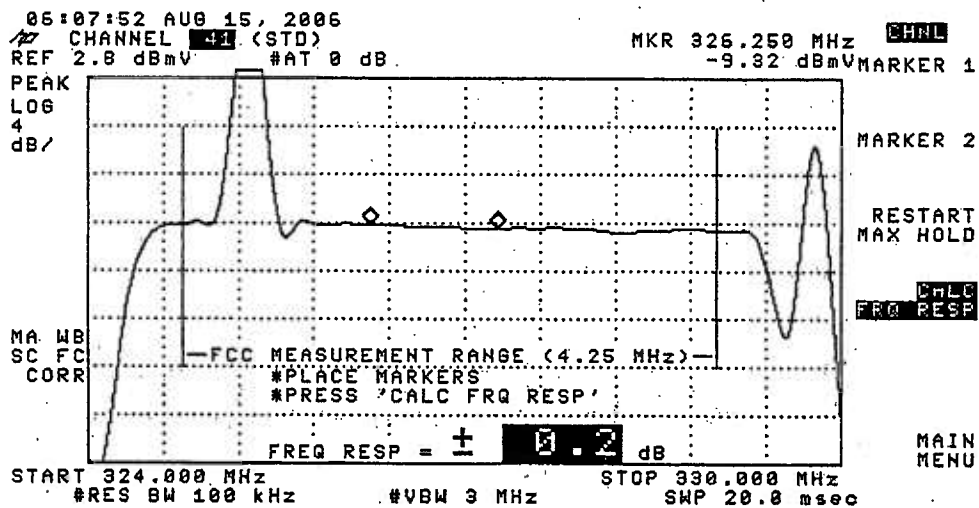
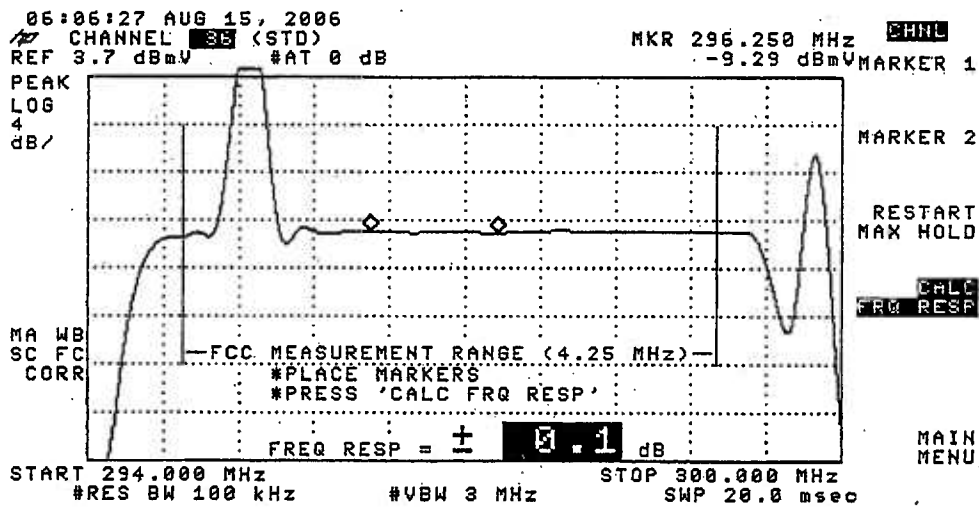
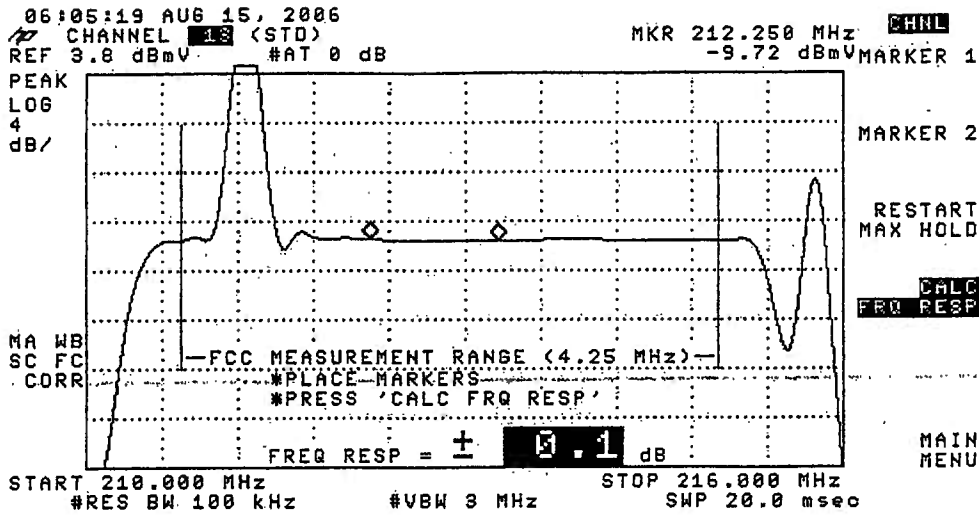


MARKER 2

RESTART
MAX HOLD

CHNL
FREQ RESP

MAIN
MENU

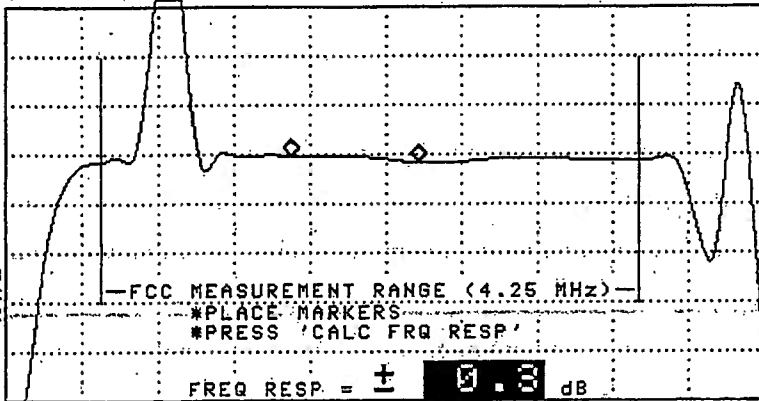


06:09:02 AUG 15, 2006
CHANNEL 49 (STD)
REF 3.5 dBmV #AT 0 dB

MKR 344.250 MHz CHNL
-8.72 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MAIN
MENU

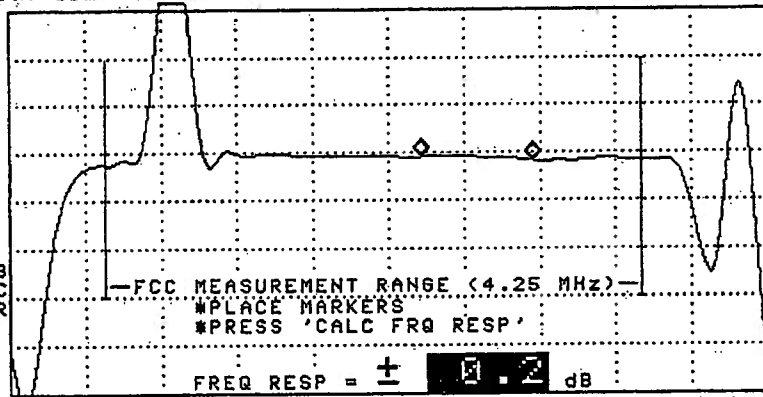
START 342.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 348.000 MHz SWP 20.0 msec

06:10:28 AUG 15, 2006
CHANNEL 53 (STD)
REF 2.4 dBmV #AT 0 dB

MKR 418.140 MHz CHNL
-10.82 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MAIN
MENU

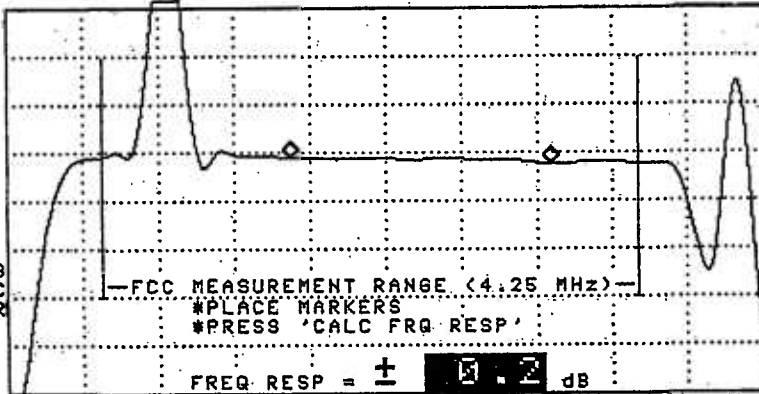
START 414.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 420.000 MHz SWP 20.0 msec

06:11:25 AUG 15, 2006
CHANNEL 73 (STD)
REF 2.8 dBmV #AT 0 dB

MKR 528.885 MHz CHNL
-10.09 dBmV MARKER 1

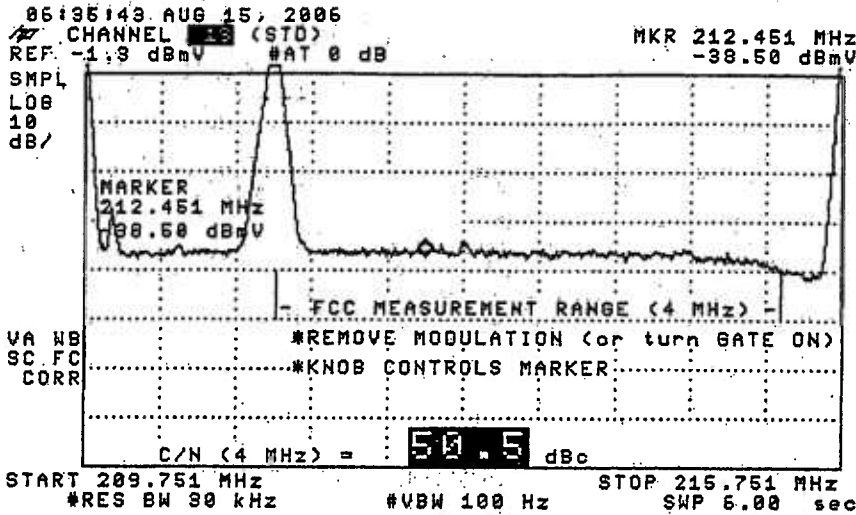
PEAK
LOG
4
dB/

MA WB
SC FC
CORR

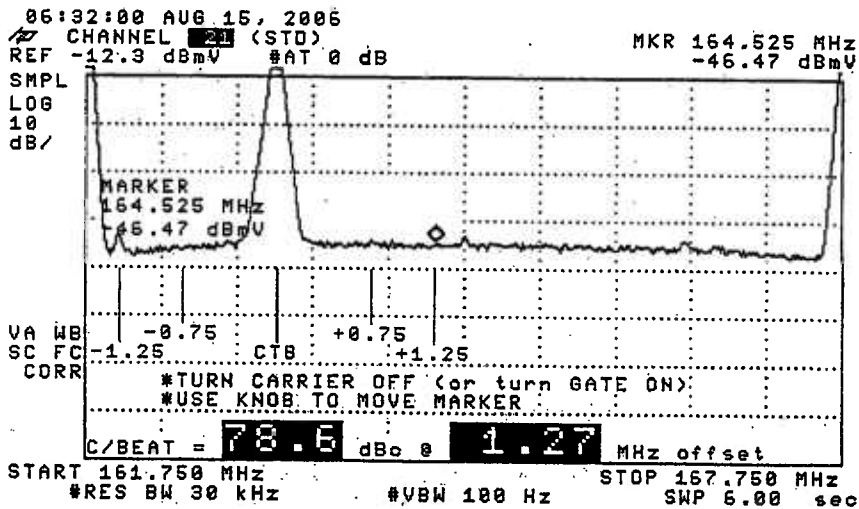


MAIN
MENU

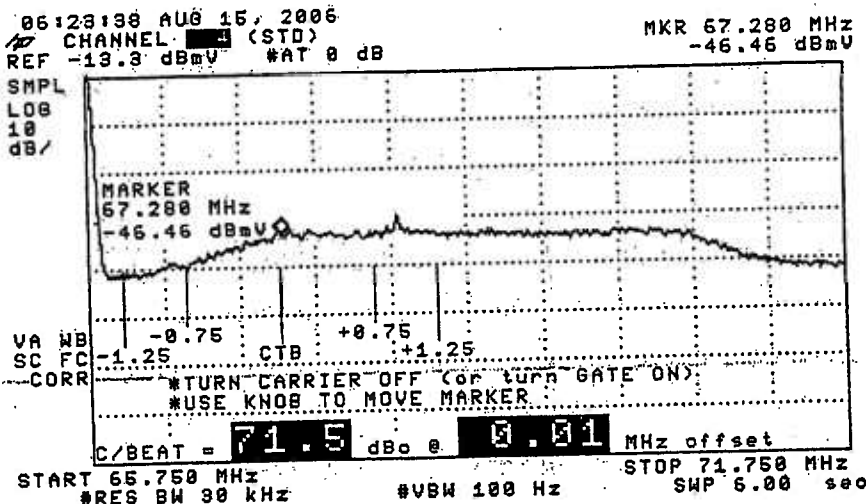
START 516.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 522.000 MHz SWP 20.0 msec



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

06:19:29 AUG 15, 2006

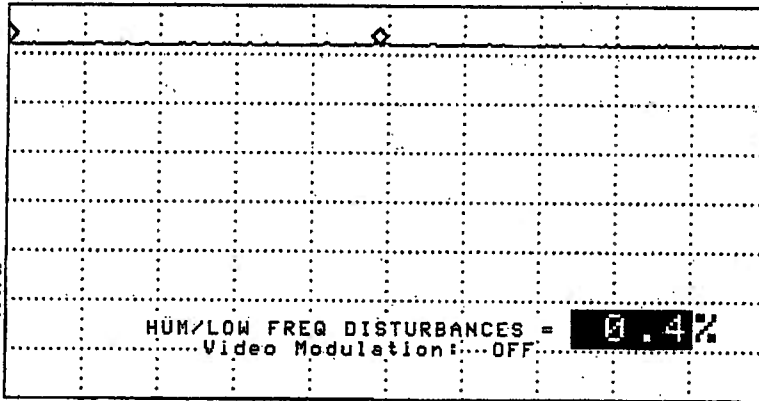
CHANNEL 4 (STD)
REF 12.9 dBmV AT 10 dB

MKR Δ 24.250 msec
-0.04 dB

CHIL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.246 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 67.246 MHz
#SWP 50.0 msec

TESTPOINT 14, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Vincent and Alden
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F						TEMP F					
		71.00	76.00	67.00	60.00			71.00	76.00	67.00	60.00		
		TIME						TIME					
		12:00:00	17:59:00	00:02:00	06:03:00			12:00:00	17:59:00	00:02:00	06:03:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	10.63	10.57	11.29	12.10	1.53	DD(40)	319.2625	9.66	9.52	10.85	11.63	2.11
3	61.2500	10.40	10.51	11.07	11.84	1.44	EE(41)	325.2625	9.81	9.66	11.09	11.63	1.97
4	67.2500	10.34	10.25	10.99	11.79	1.54	FF(42)	331.2750	9.66	9.45	10.89	11.49	2.04
5	77.2500	9.86	9.73	10.49	10.97	1.24	GG(43)	337.2625	10.11	9.86	11.34	11.81	1.95
6	83.2500	9.14	9.12	10.02	10.74	1.62	HH(44)	343.2625	10.37	10.13	11.61	12.16	2.03
A-5(95)	91.2500						II(45)	349.2625	10.43	10.29	11.65	12.52	2.23
A-4(96)	97.2500						JJ(46)	355.2625	10.35	10.16	11.50	12.18	2.02
A-3(97)	103.2500						KK(47)	361.2625	10.63	10.35	11.77	12.36	2.01
A-2(98)	109.2750	10.23	10.09	11.09	11.82	1.73	LL(48)	367.2625	10.64	10.44	11.84	12.44	2
A-1(99)	115.2750	10.05	10.05	10.98	11.41	1.36	MM(49)	373.2625	10.35	10.11	11.64	12.27	2.16
A(14)	121.2625	9.43	9.30	10.32	11.07	1.77	NN(50)	379.2625	9.97	9.81	11.34	11.91	2.1
B(15)	127.2625	9.71	9.52	10.63	11.33	1.81	OO(51)	385.2625	10.10	9.90	11.46	11.91	2.01
C(16)	133.2625	9.91	9.79	10.82	11.54	1.75	PP(52)	391.2625	10.10	9.89	11.34	11.95	2.06
D(17)	139.2500	9.82	9.68	10.75	11.44	1.76	QQ(53)	397.2625	9.69	9.47	10.92	11.57	2.1
E(18)	145.2500	10.02	9.84	11.09	11.53	1.69	RR(54)	403.2500	9.43	9.20	10.81	11.43	2.23
F(19)	151.3210	11.11	10.85	12.09	12.46	1.61	SS(55)	409.2500	9.31	9.00	10.63	11.32	2.32
G(20)	157.2500	9.41	9.30	10.41	10.83	1.53	TT(56)	415.2500	9.46	9.16	10.73	11.43	2.27
H(21)	163.2500	9.99	9.79	10.97	11.41	1.62	UU(57)	421.2500	9.27	9.00	10.48	11.18	2.18
I(22)	169.2500	10.52	10.22	11.54	12.22	2	VV(58)	427.2500	8.87	8.79	10.08	10.82	2.03
7	175.2500	10.18	9.99	11.05	11.60	1.61	WW(59)	433.2500	8.78	8.61	9.97	10.50	1.89
8	181.2500	10.09	10.00	11.06	11.53	1.53	XX(60)	439.2500	8.82	8.66	10.04	10.48	1.82
9	187.2500	10.57	10.44	11.50	12.06	1.62	YY(61)	445.2500	9.46	9.29	10.81	11.05	1.76
10	193.2500	10.73	10.40	11.70	12.26	1.86	ZZ(62)	451.2500	9.80	9.60	11.21	11.49	1.89
11	199.2500	10.80	10.61	11.83	12.36	1.75	63	457.2500	9.96	9.75	11.33	11.75	2
12	205.2500	10.74	10.50	11.76	12.29	1.79	64	463.2500	9.95	9.73	11.37	11.82	2.09
13	211.2500	10.25	9.99	11.33	11.85	1.86	65	469.2500	10.23	10.08	11.58	12.09	2.01
J(23)	217.2500	10.36	10.08	11.41	11.96	1.88	66	475.2500					
K(24)	223.2500	9.84	9.67	10.95	11.75	2.08	67	481.2500	10.10	9.80	11.48	12.06	2.26
L(25)	229.2625	9.76	9.48	10.78	11.29	1.81	68	487.2500	10.03	9.84	11.51	12.01	2.17
M(26)	235.2625	9.84	9.83	11.02	11.45	1.62	69	493.2500	10.35	10.21	11.74	12.32	2.11
N(27)	241.2625	10.02	9.79	11.07	11.54	1.75	70	499.2500	10.27	10.13	11.77	12.33	2.2
O(28)	247.2625	9.93	9.70	11.07	11.88	2.18	71	505.2500	9.98	9.98	11.52	12.13	2.15
P(29)	253.2625	10.07	9.97	11.22	11.74	1.77	72	511.2500	9.50	9.37	11.03	11.63	2.26
Q(30)	259.2625	9.46	9.34	10.63	11.35	2.01	73	517.2500	9.73	9.40	11.15	11.79	2.39
R(31)	265.2625	9.81	9.66	10.95	11.71	2.05	74	523.2500	9.32	9.13	10.77	11.43	2.3
S(32)	271.2625	9.22	9.10	10.43	11.22	2.12	75	529.2500	8.85	8.67	10.33	10.96	2.29
T(33)	277.2625	10.09	10.06	11.37	12.16	2.1	76	535.2500	8.52	8.34	10.06	10.66	2.32
U(34)	283.2625	10.05	9.95	11.20	11.98	2.03	77	541.2500	8.83	8.63	10.16	10.75	2.12
V(35)	289.2625	10.07	9.87	11.19	11.78	1.91	78	547.2500	8.56	8.43	9.77	10.55	2.12
W(36)	295.2625	10.05	9.81	11.15	11.71	1.9	79	553.2500					
AA(37)	301.2625	9.93	9.82	11.10	11.68	1.86	80	559.2500	9.26	9.10	10.69	11.20	2.1
BB(38)	307.2625	10.25	10.11	11.39	11.93	1.82	81	565.2500					
CC(39)	313.2625	10.05	9.83	11.20	11.76	1.93							

Max Non Adjacent Channel Level Diff :- 2.59
 Max Adjacent Channel Level Diff :- 1.7
 Max Variance from last proof of performance test :- 4.44
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 15, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 15
Hub Name : Chimes
Location : Hopper Rd
Map Number : 329-5618
Pole Number : 18
D.T. Value : 23-4
OR Number : 2165
GNA Cascade : Node + 1
LE Cascade :

TESTPOINT 15, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Hopper Rd
Date : 08/09/2006 Time : 12:27:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	13.08	-1.46		14.54	DD (40)	319.2625	9.31	-5.19		14.5
3	61.2500	13.03	-2.22		15.25	EE (41)	325.2625	9.64	-5.14		14.78
4	67.2500	12.39	-2.99		15.38	FF (42)	331.2750	9.39	-5.00		14.39
5	77.2500	11.86	-3.32		15.18	GG (43)	337.2625	9.54	-5.10		14.64
6	83.2500	11.50	-2.55		14.05	HH (44)	343.2625	9.96	-4.36		14.32
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	10.20	-4.23		14.43
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	10.07	-4.68		14.75
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	10.17	-4.68		14.85
A-2 (98)	109.2750	12.26	-2.11		14.37	LL (48)	367.2625	10.07	-4.49		14.56
A-1 (99)	115.2750	12.36	-1.83		14.19	MM (49)	373.2625	10.11	-4.79		14.9
A (14)	121.2625	11.52	-2.75		14.27	NN (50)	379.2625	9.89	-4.97		14.86
B (15)	127.2625	11.86	-1.52		13.38	OO (51)	385.2625	9.54	-5.22		14.76
C (16)	133.2625	12.25	-2.14		14.39	PP (52)	391.2625	9.37	-5.32		14.69
D (17)	139.2500	12.14	-2.38		14.52	QQ (53)	397.2625	9.07	-5.79		14.86
E (18)	145.2500	12.45	-2.96		15.41	RR (54)	403.2500	9.08	-5.70		14.78
F (19)	151.3210	13.39	-1.28		14.67	SS (55)	409.2500	8.89	-6.05		14.94
G (20)	157.2500	11.72	-2.73		14.45	TT (56)	415.2500	8.86	-6.20		15.06
H (21)	163.2500	11.95	-2.56		14.51	UU (57)	421.2500	8.88	-5.56		14.44
I (22)	169.2500	12.22	-2.71		14.93	VV (58)	427.2500	9.00	-5.52		14.52
7	175.2500	12.00	-2.35		14.35	WW (59)	433.2500	8.97	-6.22		15.19
8	181.2500	11.79	-2.43		14.22	XX (60)	439.2500	8.63	-5.38		14.01
9	187.2500	11.87	-3.02		14.89	YY (61)	445.2500	9.21	-5.27		14.48
10	193.2500	11.75	-3.25		15	ZZ (62)	451.2500	9.54	-4.91		14.45
11	199.2500	11.96	-3.96		15.92	63	457.2500	9.73	-4.45		14.18
12	205.2500	11.92	-1.83		13.75	64	463.2500	9.62	-4.47		14.09
13	211.2500	11.57	-3.85		15.42	65	469.2500	9.88	-4.32		14.2
J (23)	217.2500	11.70	-3.15		14.85	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	11.03	-3.86		14.89	67	481.2500	10.28	-4.60		14.88
L (25)	229.2625	10.72	-3.33		14.05	68	487.2500	10.16	-4.48		14.64
M (26)	235.2625	10.94	-3.61		14.55	69	493.2500	10.18	-4.24		14.42
N (27)	241.2625	11.13	-3.60		14.73	70	499.2500	10.26	-4.11		14.37
O (28)	247.2625	11.18	-3.37		14.55	71	505.2500	10.16	-4.89		15.05
P (29)	253.2625	11.13	-3.29		14.42	72	511.2500	9.75	-5.15		14.9
Q (30)	259.2625	10.45	-3.99		14.44	73	517.2500	10.00	-4.64		14.64
R (31)	265.2625	10.55	-4.11		14.66	74	523.2500	9.64	-5.36		15
S (32)	271.2625	9.92	-4.34		14.26	75	529.2500	9.30	-4.50		13.8
T (33)	277.2625	10.97	-3.45		14.42	76	535.2500	9.30	-4.93		14.23
U (34)	283.2625	10.38	-4.43		14.81	77	541.2500	9.65	-5.25		14.9
V (35)	289.2625	10.13	-5.27		15.4	78	547.2500	9.09	-6.00		15.09
W (36)	295.2625	9.94	-4.45		14.39	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	9.78	-4.19		13.97	80	559.2500	9.26	-4.44		13.7
BB (38)	307.2625	10.14	-4.68		14.82	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	9.89	-4.13		14.02						

Min Channel	:	XX(60)	8.630
Max Channel	:	F(19)	13.390
Peak to Valley	:	4.76	

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
 CARRIER - TO - NOISE TEST
 COHERENT DISTURBANCES TEST
 LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Hopper Rd

Date : 8/16/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.4	70.9	78.5	0.2
16	0.0	49.8	70.0	78.6	
21	0.1	50.0	70.1	78.2	
13	0.2	50.6	70.0	77.9	
36	0.1	49.6	67.1	78.6	
41	0.1	49.5	66.7	75.6	
44	0.1	49.5	68.0	72.9	
56	0.4	49.0	65.3	72.0	
73	0.4	49.4	68.2	70.0	

TESTPOINT 15, PAGE 4 :

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/16/2006

Performed By : Benny LaRocca

Location : Hopper Rd

(SEE THE ATTACHED SWEEP TRACES)

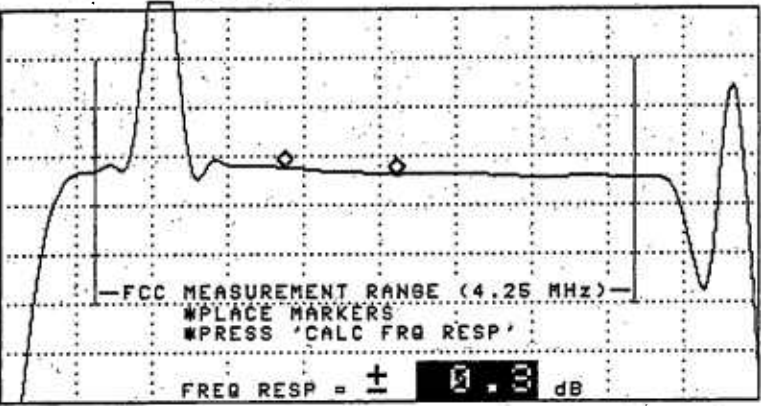
04:09:21 AUG 16, 2006

CHANNEL 1 (STD)
REF 5.0 dBmV #AT 0 dB

MKR 69.195 MHz CHNL
-8.50 dBV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 65.000 MHz STOP 72.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

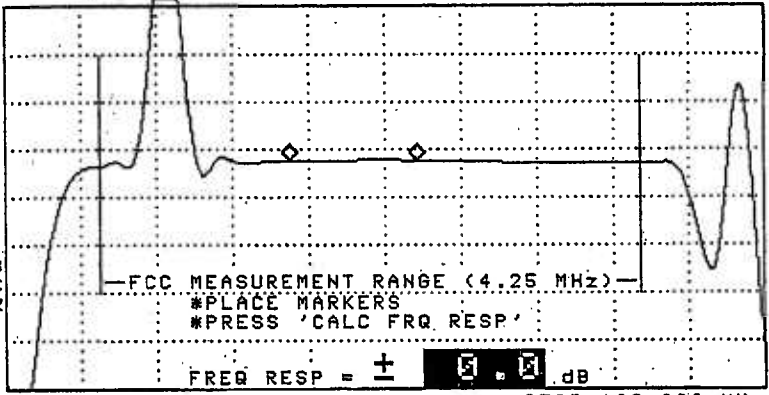
04:13:59 AUG 16, 2006

CHANNEL 1 (STD)
REF 4.9 dBmV #AT 0 dB

MKR 134.250 MHz CHNL
-8.00 dBV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 132.000 MHz STOP 138.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

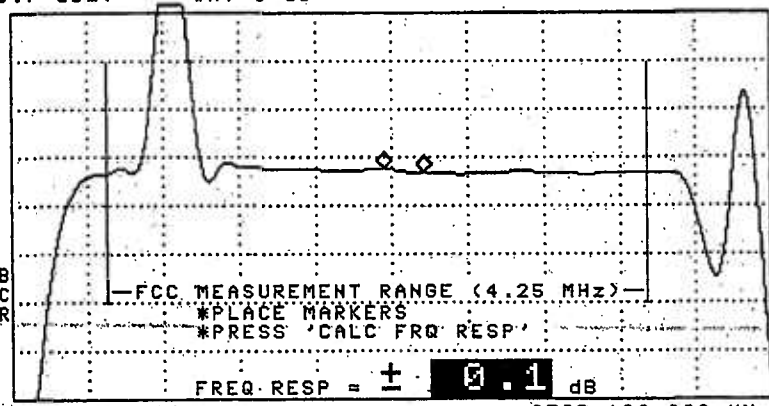
04:14:55 AUG 16, 2006

CHANNEL 1 (STD)
REF 6.7 dBmV #AT 0 dB

MKR 164.940 MHz CHNL
-6.31 dBV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



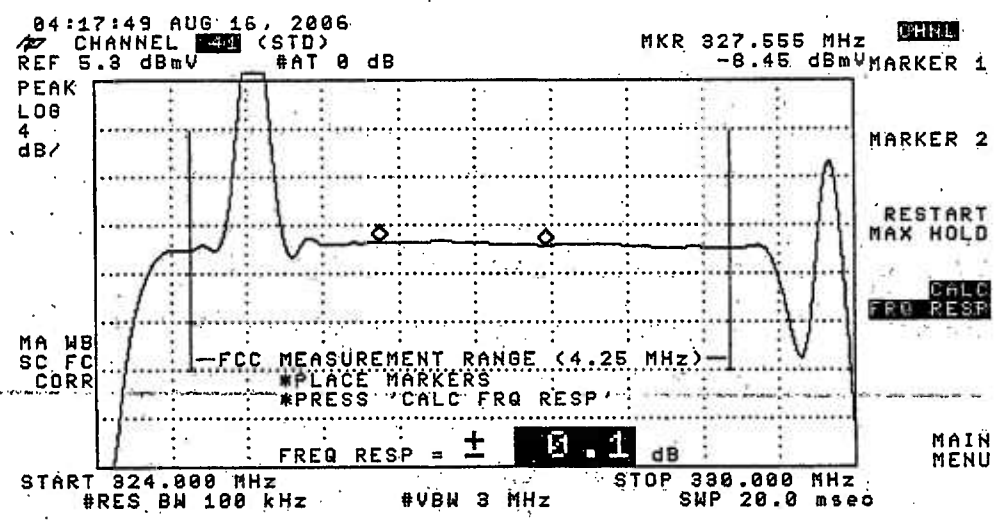
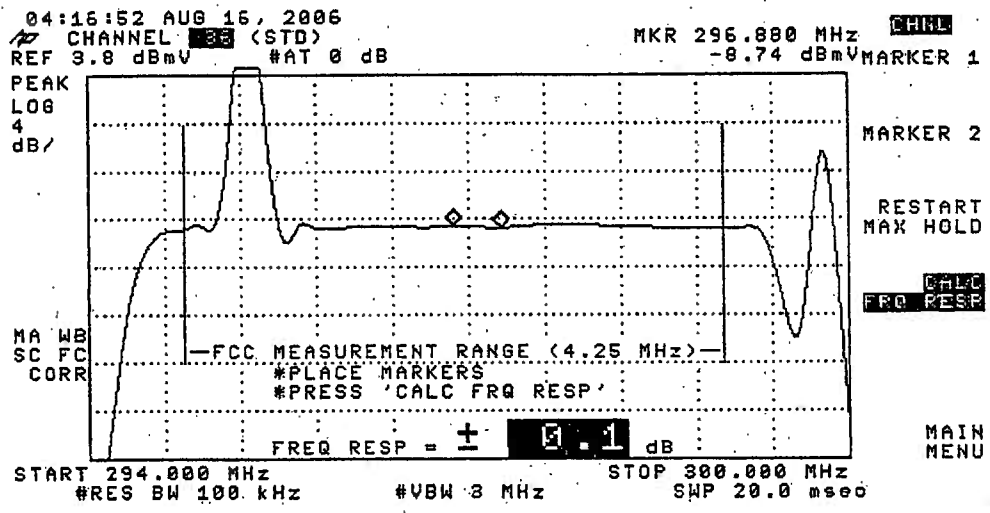
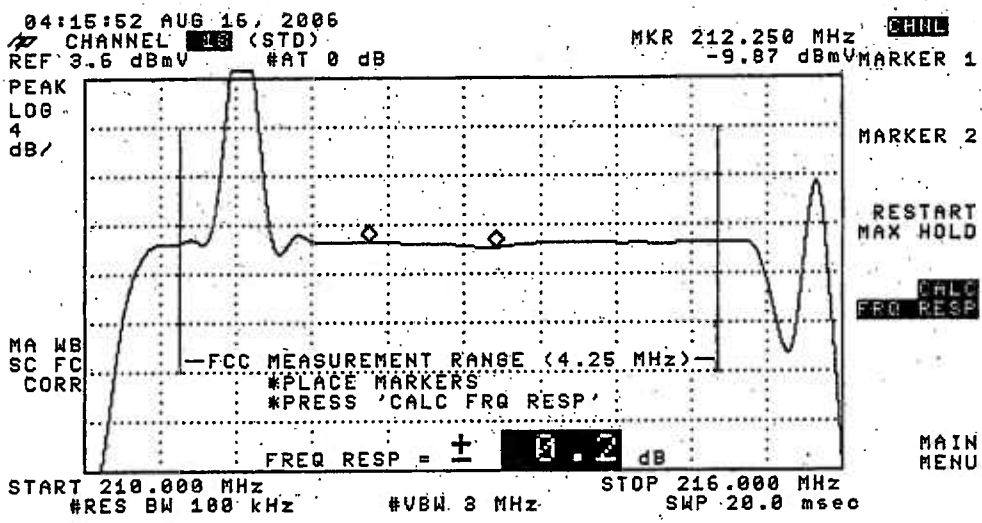
MARKER 2

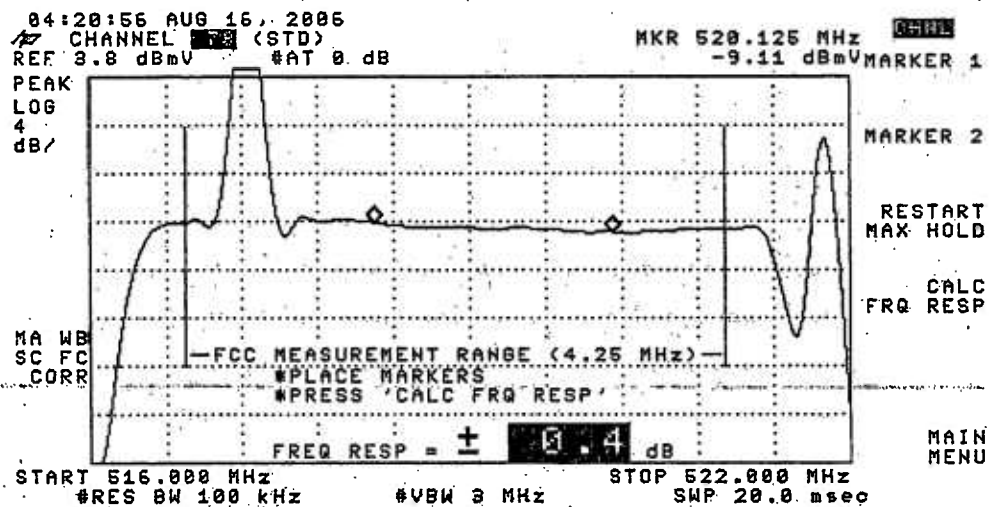
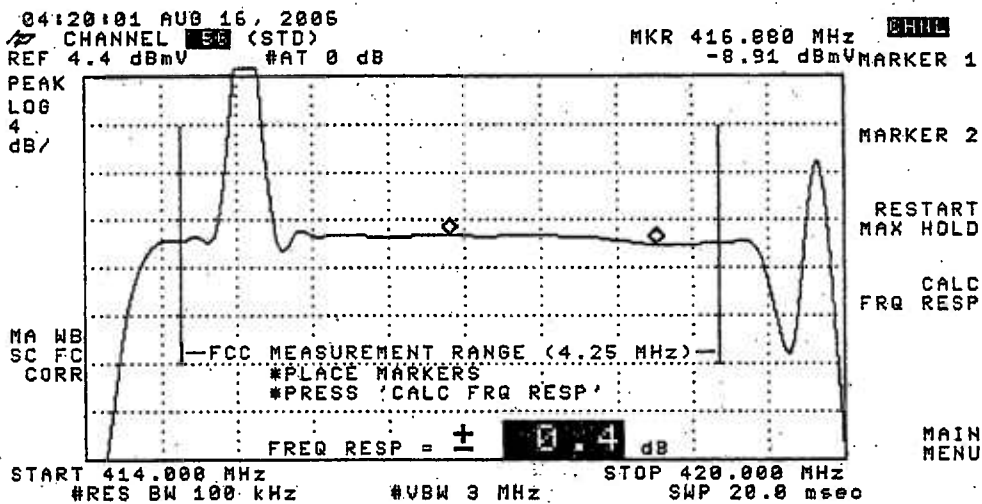
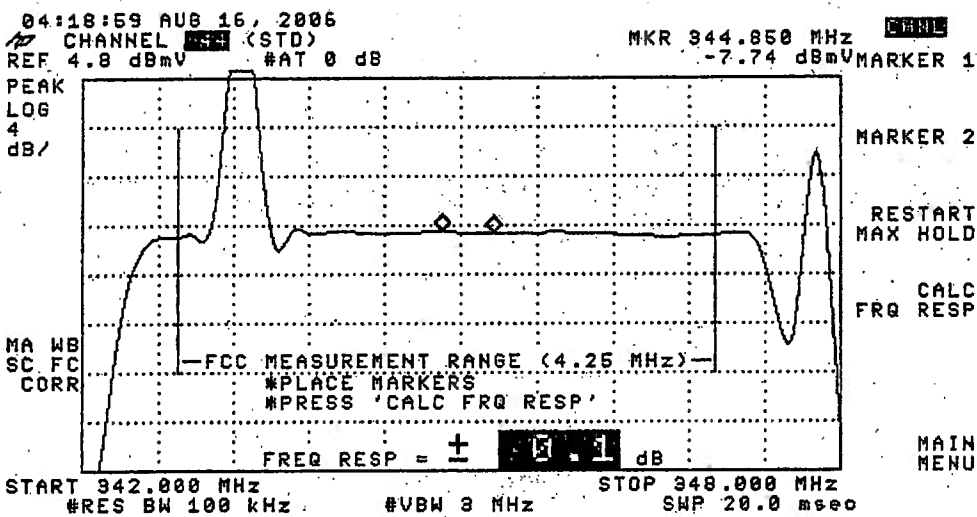
RESTART
MAX HOLD

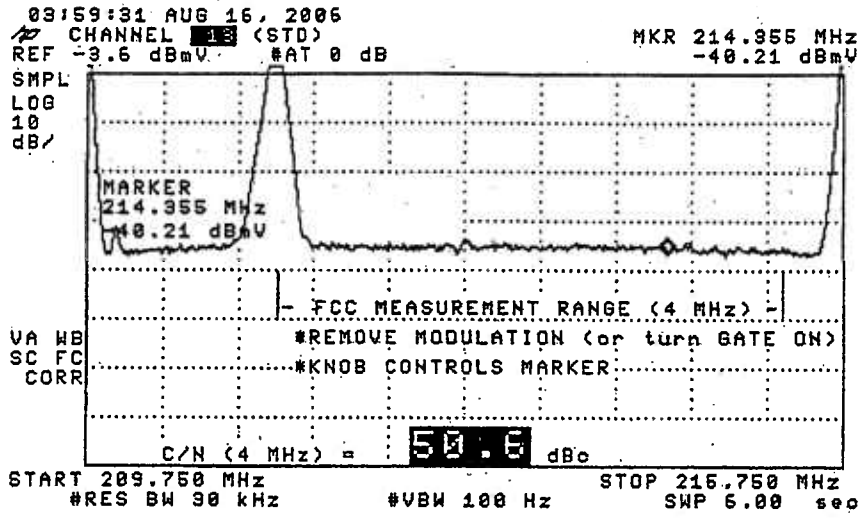
CALC
FRQ RESP

MAIN
MENU

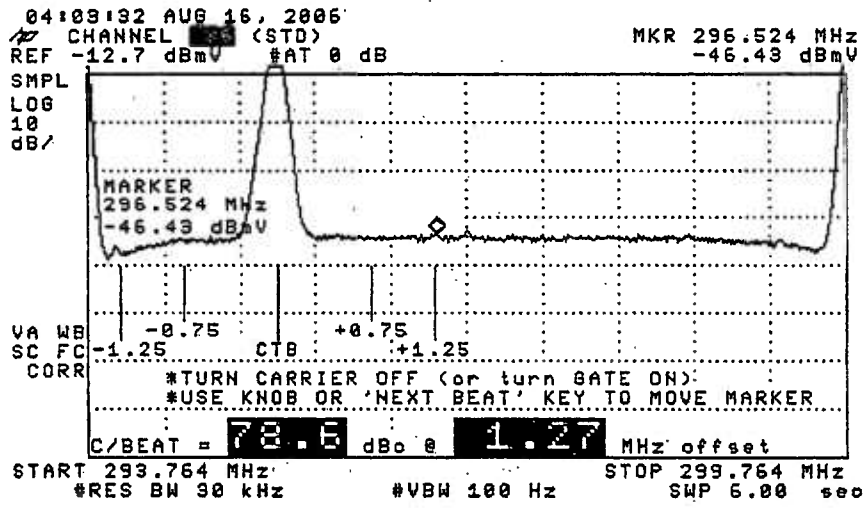
START 162.000 MHz STOP 168.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec



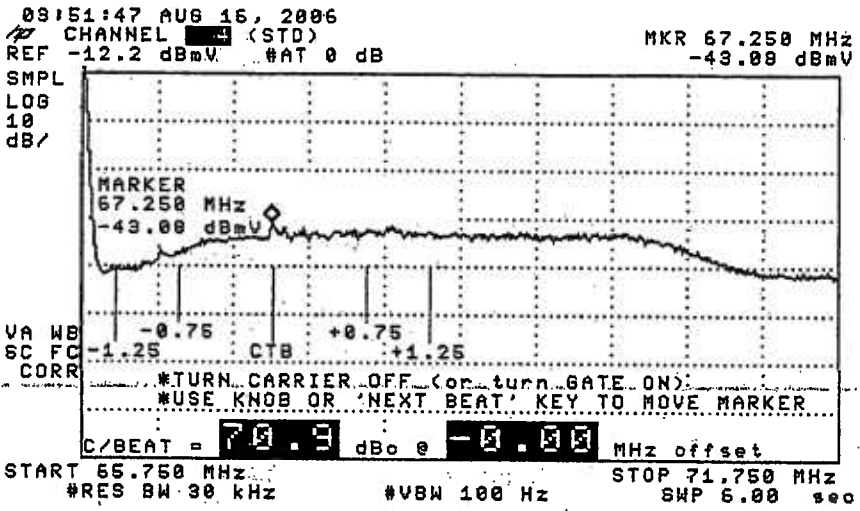




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU

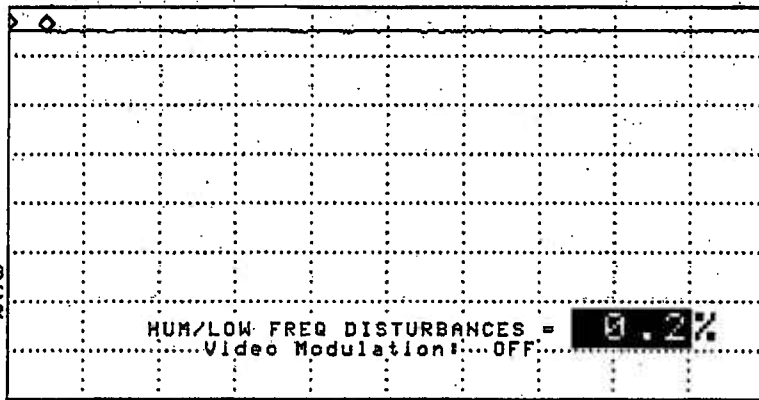
03:36:53 AUG 16, 2005
CHANNEL 3 (STO)
REF 15.1 dBmV #AT 0 dB

MKR Δ 2.5000 msec
-0.02 dB

CHIL

PEAK
LOG
1
dB/

NA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.240 MHz STOP 67.240 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec

TESTPOINT 15, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Hopper Rd
 Date : 08/09/2006 Performed By : Neil Rader
 Meter Serial Number : 221899

		TEMP F						TEMP F					
		73.00	75.00	66.00	61.00			73.00	75.00	66.00	61.00		
		TIME						TIME					
		12:27:00	18:28:00	00:31:00	06:27:00			12:27:00	18:28:00	00:31:00	06:27:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	13.08	13.50	14.29	14.83	1.75	DD(40)	319.2625	9.31	9.97	11.51	11.92	2.61
3	61.2500	13.03	13.65	14.43	14.92	1.89	EE(41)	325.2625	9.64	9.96	11.95	12.04	2.4
4	67.2500	12.39	12.95	13.78	14.32	1.93	FF(42)	331.2750	9.39	9.73	11.69	11.83	2.44
5	77.2500	11.86	12.07	13.41	13.59	1.73	GG(43)	337.2625	9.54	9.80	11.80	11.92	2.38
6	83.2500	11.50	12.02	13.07	13.52	2.02	HH(44)	343.2625	9.96	10.20	12.24	12.38	2.42
A-5(95)	91.2500						II(45)	349.2625	10.20	10.86	12.45	12.98	2.78
A-4(96)	97.2500						JJ(46)	355.2625	10.07	10.43	12.36	12.55	2.48
A-3(97)	103.2500						KK(47)	361.2625	10.17	10.50	12.51	12.68	2.51
A-2(98)	109.2750	12.26	12.77	13.84	14.36	2.1	LL(48)	367.2625	10.07	10.36	12.33	12.43	2.36
A-1(99)	115.2750	12.36	12.52	13.89	14.02	1.66	MM(49)	373.2625	10.11	10.50	12.43	12.56	2.45
A(14)	121.2625	11.52	11.86	13.04	13.55	2.03	NN(50)	379.2625	9.89	10.11	12.12	12.31	2.42
B(15)	127.2625	11.86	12.25	13.45	13.90	2.04	OO(51)	385.2625	9.54	9.87	11.91	12.03	2.49
C(16)	133.2625	12.25	12.61	13.88	14.30	2.05	PP(52)	391.2625	9.37	9.61	11.65	11.80	2.43
D(17)	139.2500	12.14	12.45	13.77	14.11	1.97	QQ(53)	397.2625	9.07	9.28	11.25	11.51	2.44
E(18)	145.2500	12.45	12.38	14.09	14.06	1.71	RR(54)	403.2500	9.08	9.25	11.29	11.44	2.36
F(19)	151.3210	13.39	13.32	15.00	15.00	1.68	SS(55)	409.2500	8.89	9.07	11.16	11.30	2.41
G(20)	157.2500	11.72	11.83	13.35	13.40	1.68	TT(56)	415.2500	8.86	9.00	11.09	11.28	2.42
H(21)	163.2500	11.95	12.11	13.70	13.73	1.78	UU(57)	421.2500	8.88	9.07	11.07	11.26	2.38
I(22)	169.2500	12.22	12.47	14.01	14.37	2.15	VV(58)	427.2500	9.00	9.16	11.08	11.26	2.26
7	175.2500	12.00	12.04	13.80	13.84	1.84	WW(59)	433.2500	8.97	9.21	10.81	11.23	2.26
8	181.2500	11.79	11.98	13.61	13.71	1.92	XX(60)	439.2500	8.63	9.07	10.85	11.07	2.44
9	187.2500	11.87	12.00	13.78	13.91	2.04	YY(61)	445.2500	9.21	9.36	11.34	11.50	2.29
10	193.2500	11.75	11.66	13.54	13.59	1.93	ZZ(62)	451.2500	9.54	9.72	11.61	11.82	2.28
11	199.2500	11.96	11.97	13.71	13.91	1.95	63	457.2500	9.73	9.99	11.81	12.02	2.29
12	205.2500	11.92	12.06	13.60	13.71	1.79	64	463.2500	9.62	9.91	11.81	12.07	2.45
13	211.2500	11.57	11.68	13.35	13.43	1.86	65	469.2500	9.88	9.99	12.05	12.25	2.37
J(23)	217.2500	11.70	11.70	13.46	13.57	1.87	66	475.2500					
K(24)	223.2500	11.03	11.44	12.88	13.39	2.36	67	481.2500	10.28	10.53	12.53	12.71	2.43
L(25)	229.2625	10.72	10.87	12.58	12.73	2.01	68	487.2500	10.16	10.34	12.44	12.70	2.54
M(26)	235.2625	10.94	11.09	12.81	12.89	1.95	69	493.2500	10.18	10.42	12.50	12.78	2.6
N(27)	241.2625	11.13	11.26	13.04	13.20	2.07	70	499.2500	10.26	10.53	12.56	12.88	2.62
O(28)	247.2625	11.18	11.64	13.07	13.43	2.25	71	505.2500	10.16	10.43	12.54	12.83	2.67
P(29)	253.2625	11.13	11.35	13.07	13.26	2.13	72	511.2500	9.75	10.06	12.25	12.52	2.77
Q(30)	259.2625	10.45	10.81	12.27	12.82	2.37	73	517.2500	10.00	10.27	12.43	12.71	2.71
R(31)	265.2625	10.55	10.99	12.41	12.91	2.36	74	523.2500	9.64	9.91	12.08	12.36	2.72
S(32)	271.2625	9.92	10.46	11.88	12.38	2.46	75	529.2500	9.30	9.70	11.79	12.07	2.77
T(33)	277.2625	10.97	11.48	12.78	13.30	2.33	76	535.2500	9.30	9.56	11.86	12.13	2.83
U(34)	283.2625	10.38	10.95	12.20	12.73	2.35	77	541.2500	9.65	9.96	12.32	12.56	2.91
V(35)	289.2625	10.13	10.39	12.04	12.23	2.1	78	547.2500	9.09	9.68	11.69	12.34	3.25
W(36)	295.2625	9.94	10.16	11.95	12.09	2.15	79	553.2500					
AA(37)	301.2625	9.78	10.20	11.73	12.00	2.22	80	559.2500	9.26	9.63	12.00	12.30	3.04
BB(38)	307.2625	10.14	10.49	12.29	12.38	2.24	81	565.2500					
CC(39)	313.2625	9.89	10.21	12.07	12.21	2.32							

Max Non Adjacent Channel Level Diff :- 4.76
 Max Adjacent Channel Level Diff :- 1.67
 Max Variance from last proof of performance test :- 3.73
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 16, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 16
Hub Name : Mapleview
Location : Co.Rt 41A
Map Number : 335-5800
Pole Number : 5
D.T. Value : 17-2
OR Number : 1316
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 16, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Co.Rt 41A
Date : 08/11/2006 Time : 07:00:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	15.52	1.21		14.31	DD (40)	319.2625	12.87	-1.61		14.48
3	61.2500	17.25	2.18		15.07	EE (41)	325.2625	13.79	-0.75		14.54
4	67.2500	16.20	1.80		14.4	FF (42)	331.2750	13.81	-0.86		14.67
5	77.2500	15.56	-0.34		15.9	GG (43)	337.2625	13.89	-0.30		14.19
6	83.2500	14.27	0.09		14.18	HH (44)	343.2625	14.11	-0.69		14.8
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.17	-1.45		15.62
A-4 (96)	97.2500	14.84	-0.41		15.25	JJ (46)	355.2625	13.91	-1.40		15.31
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	13.85	-1.39		15.24
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	13.39	-1.84		15.23
A-1 (99)	115.2750	13.85	-0.54		14.39	MM (49)	373.2625	13.29	-2.00		15.29
A (14)	121.2625	13.50	-1.21		14.71	NN (50)	379.2625	12.27	-1.73		14
B (15)	127.2625	13.86	-0.73		14.59	OO (51)	385.2625	12.27	-1.57		13.84
C (16)	133.2625	13.27	-0.90		14.17	PP (52)	391.2625	12.56	-1.75		14.31
D (17)	139.2500	13.38	-0.47		13.85	QQ (53)	397.2625	12.43	-2.21		14.64
B (18)	145.2500	13.53	-1.44		14.97	RR (54)	403.2500	12.65	-2.12		14.77
F (19)	151.3210	14.92	0.56		14.36	SS (55)	409.2500	12.18	-2.72		14.9
G (20)	157.2500	13.27	-1.17		14.44	TT (56)	415.2500	11.91	-3.31		15.22
H (21)	163.2500	14.02	0.44		13.58	UU (57)	421.2500	11.40	-3.31		14.71
I (22)	169.2500	14.87	0.75		14.12	VV (58)	427.2500	11.84	-2.41		14.25
7	175.2500	15.05	0.98		14.07	WW (59)	433.2500	11.19	-3.61		14.8
8	181.2500	14.89	0.55		14.34	XX (60)	439.2500	11.57	-2.42		13.99
9	187.2500	14.88	-0.71		15.59	YY (61)	445.2500	12.27	-1.89		14.16
10	193.2500	14.13	-0.68		14.81	ZZ (62)	451.2500	13.50	-0.63		14.13
11	199.2500	14.46	-0.93		15.39	63	457.2500	13.92	-0.52		14.44
12	205.2500	14.15	-0.36		14.51	64	463.2500	14.18	-0.39		14.57
13	211.2500	13.32	-2.13		15.45	65	469.2500	14.10	-0.49		14.59
J (23)	217.2500	13.47	-1.45		14.92	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	12.68	-1.68		14.36	67	481.2500	14.45	-0.65		15.1
L (25)	229.2625	13.18	-1.11		14.29	68	487.2500	14.48	-0.63		15.11
M (26)	235.2625	13.14	-1.05		14.19	69	493.2500	14.64	-0.05		14.69
N (27)	241.2625	13.57	-0.65		14.22	70	499.2500	15.00	0.57		14.43
O (28)	247.2625	12.98	-1.83		14.81	71	505.2500	15.28	0.13		15.15
P (29)	253.2625	13.99	-0.15		14.14	72	511.2500	15.27	0.16		15.11
Q (30)	259.2625	13.14	-1.68		14.82	73	517.2500	15.35	0.49		14.86
R (31)	265.2625	12.98	-2.87		15.85	74	523.2500	15.35	0.14		15.21
S (32)	271.2625	14.06	0.37		13.69	75	529.2500	15.00	0.12		14.88
T (33)	277.2625	13.32	-0.61		13.93	76	535.2500	14.39	-0.02		14.41
U (34)	283.2625	13.38	-0.84		14.22	77	541.2500	14.28	-0.09		14.37
V (35)	289.2625	13.73	-1.56		15.29	78	547.2500	15.45	0.61		14.84
W (36)	295.2625	13.96	-0.86		14.82	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	14.07	-0.58		14.65	80	559.2500	15.43	1.40		14.03
BB (38)	307.2625	14.16	-0.27		14.43	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	14.19	-0.25		14.44						

Min Channel	:	WW(59)	11.190
Max Channel	:	3	17.250
Peak to Valley	:	6.06	

TESTPOINT 16, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Co.Rt 41A

Date : 8/17/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	49.3	68.7	78.0	0.3
16	0.1	47.5	67.5	75.5	
21	0.2	47.5	66.0	75.4	
13	0.1	48.5	65.0	76.4	
36	0.1	48.5	65.0	72.1	
41	0.3	48.0	64.6	70.5	
44	0.3	48.7	64.8	72.7	
56	0.2	48.2	63.4	71.3	
73	0.3	48.6	66.8	68.0	

TESTPOINT 16, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

***IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)***

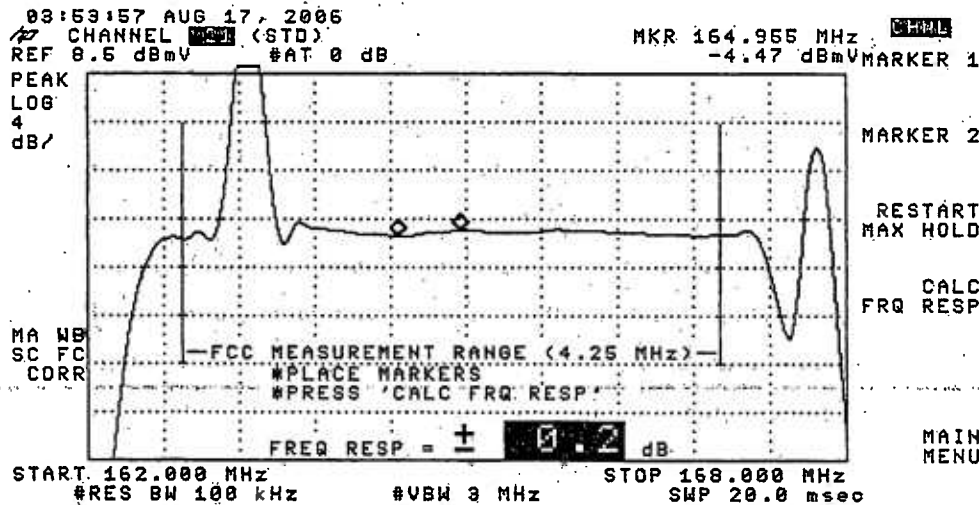
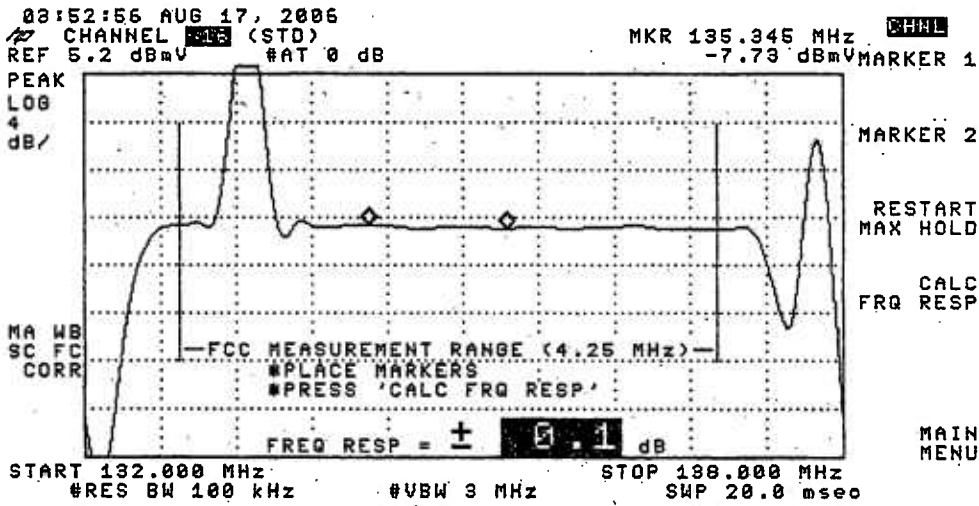
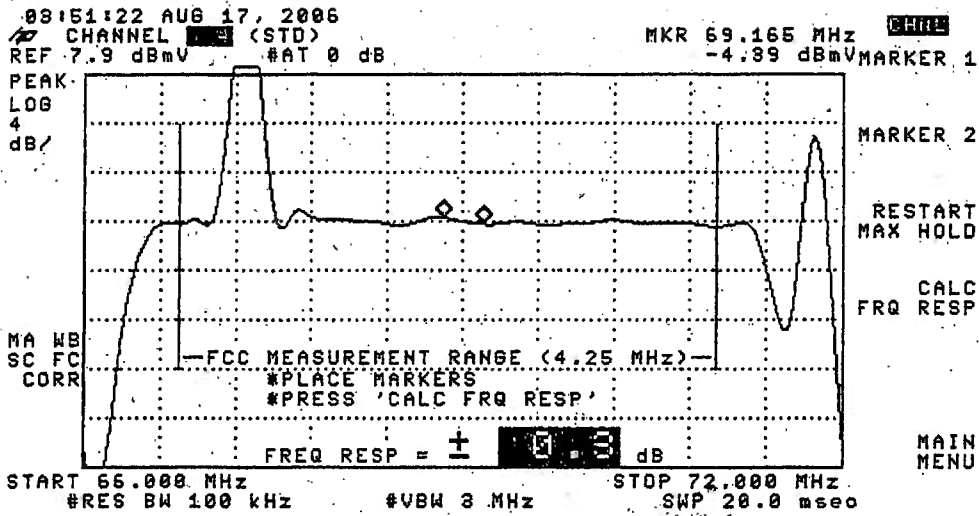
System Name : Syracuse

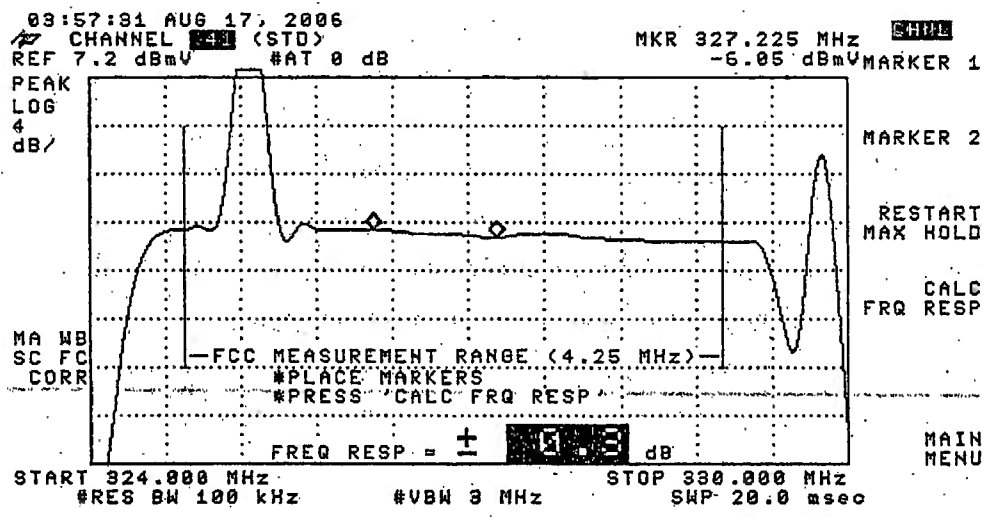
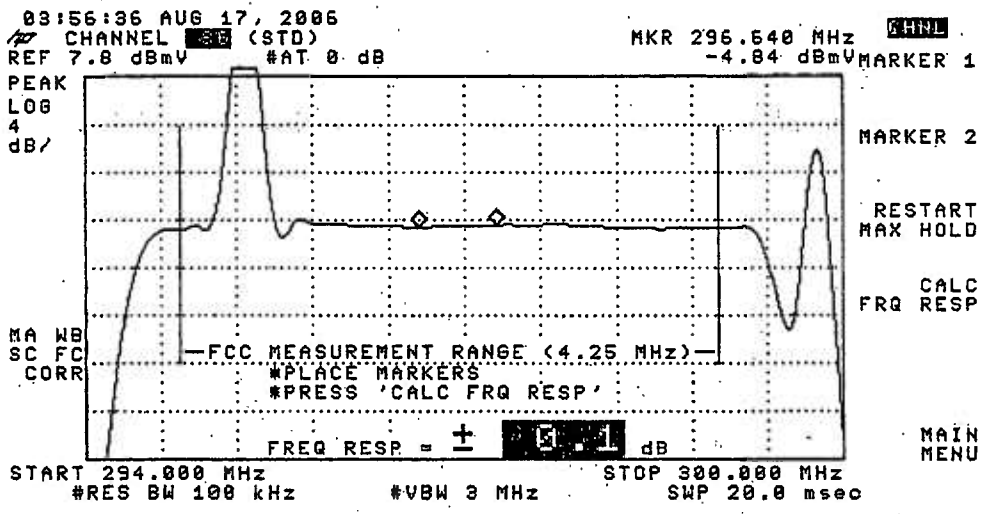
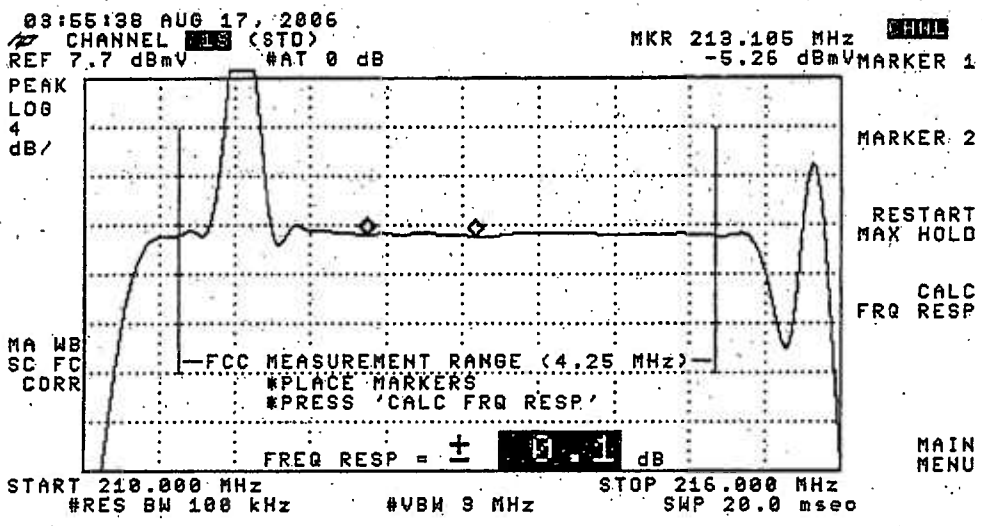
Date : 8/17/2006

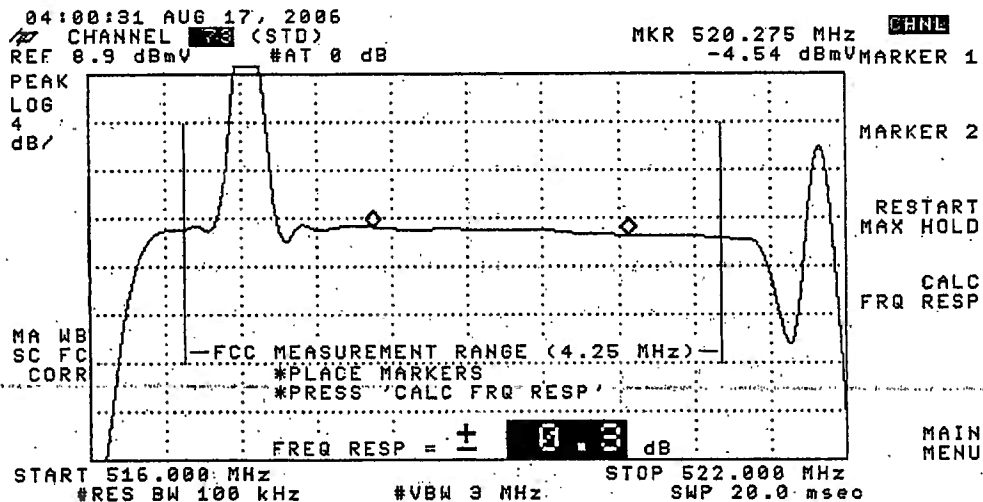
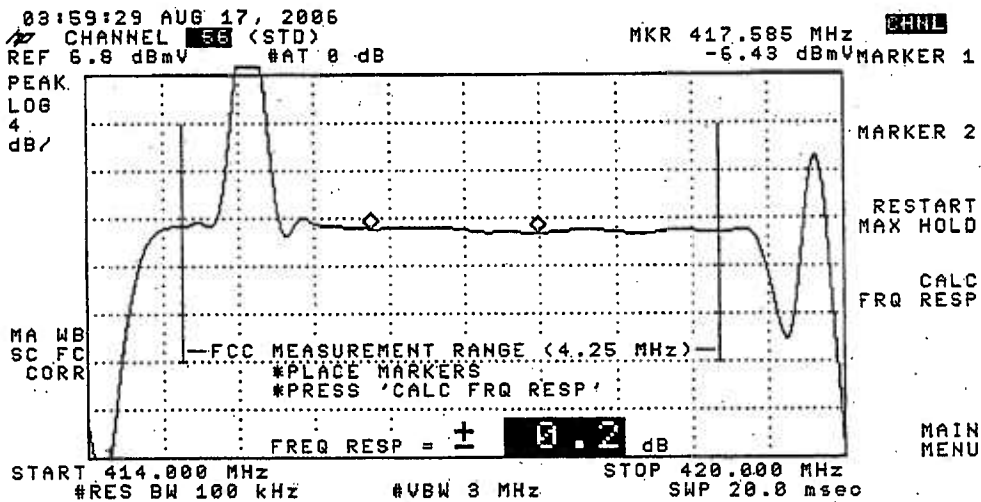
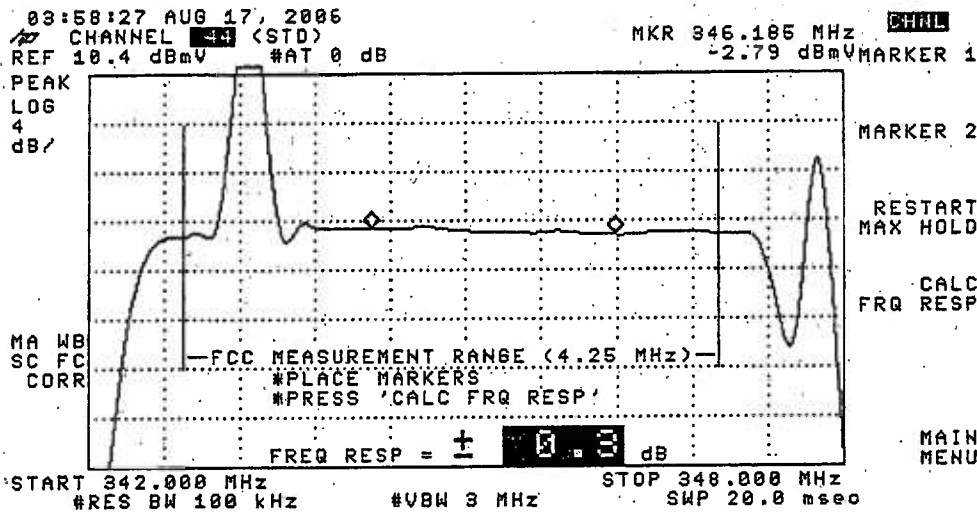
Performed By : Benny LaRocca

Location : Co.Rt 41A

(SEE THE ATTACHED SWEEP TRACES)







04:23:57 AUG 17, 2006

CHANNEL 1 (STD)
REF -3.6 dBmV #AT 0 dB

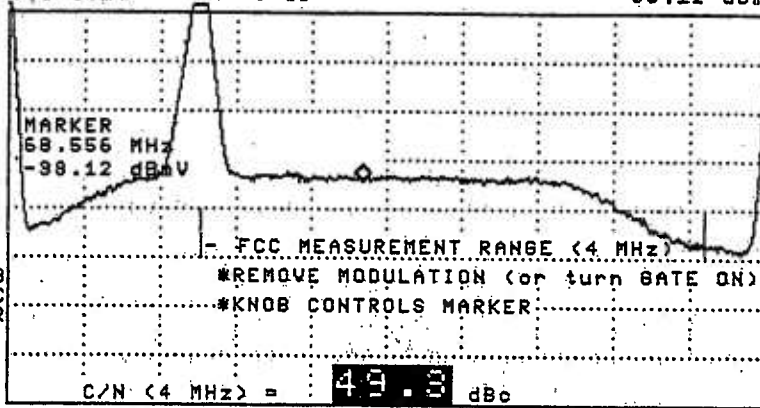
MKR 68.556 MHz
-98.12 dBmV

CHNL

GATE
ON OFF

SMPL
LOG
10
dB/

AVERAGE
ON OFF



MORE
INFO

More

MAIN
MENU

START 65.751 MHz #RES BW 90 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

04:24:37 AUG 17, 2006

CHANNEL 1 (STD)
REF -19.1 dBmV #AT 0 dB

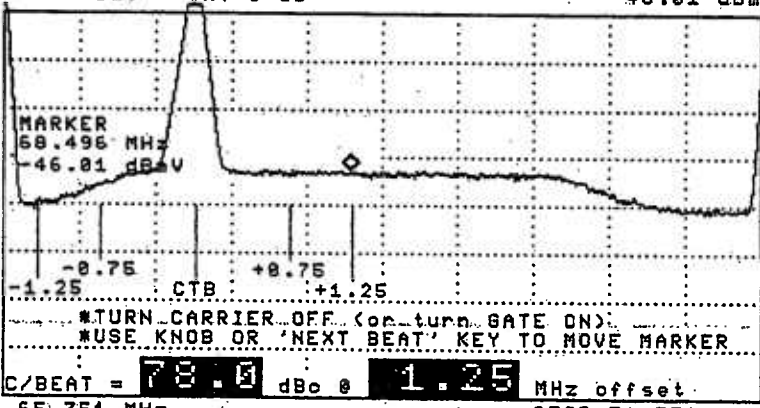
MKR 68.496 MHz
-46.01 dBmV

CHNL

GATE
ON OFF

SMPL
LOG
10
dB/

AVERAGE
ON OFF



ZOOM &
MEASURE

NEXT
BEAT

More

MAIN
MENU

START 65.751 MHz #RES BW 90 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

04:24:59 AUG 17, 2006

CHANNEL 1 (STD)
REF -19.1 dBmV #AT 0 dB

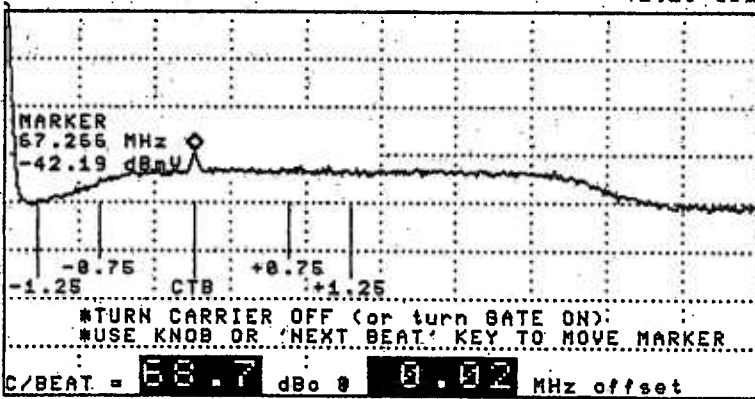
MKR 67.266 MHz
-42.19 dBmV

CHNL

GATE
ON OFF

SMPL
LOG
10
dB/

AVERAGE
ON OFF



ZOOM &
MEASURE

NEXT
BEAT

More

MAIN
MENU

START 65.751 MHz #RES BW 90 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

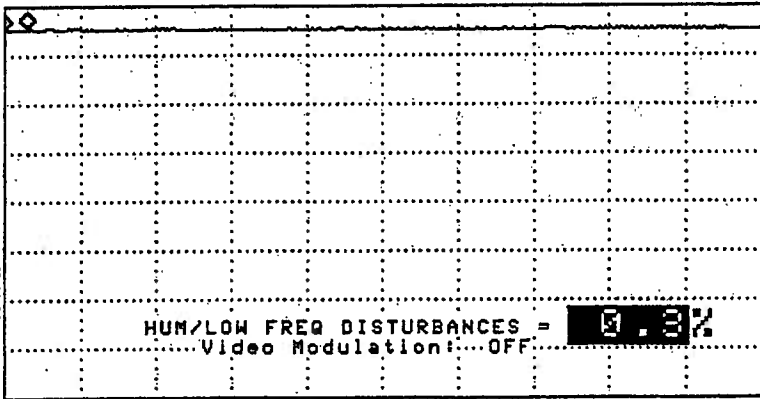
04:14:06 AUG 17, 2006
CHANNEL (STD)
REF 17.2 dBmV #AT 0 dB

MKR A -1.5000 msec
-.02 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.250 MHz #RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec
STOP 67.250 MHz

TESTPOINT 16, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Co.Rt 41A
 Date : 08/11/2006 Performed By : Melvin Johnson
 Meter Serial Number : 223239

		TEMP F						TEMP F					
		64.00	78.00	70.00	59.00			64.00	78.00	70.00	59.00		
		TIME						TIME					
		07:00:00	12:57:00	19:00:00	01:13:00			07:00:00	12:57:00	19:00:00	01:13:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	15.52	14.57	14.75	14.74	0.95	DD(40)	319.2625	12.87	11.25	11.01	11.17	1.86
3	61.2500	17.25	16.34	16.38	16.41	0.91	BB(41)	325.2625	13.79	12.13	12.02	12.56	1.77
4	67.2500	16.20	15.21	15.34	15.35	0.99	FF(42)	331.2750	13.81	12.20	12.07	12.50	1.74
5	77.2500	15.56	14.44	14.52	14.77	1.12	GG(43)	337.2625	13.89	12.22	12.07	12.57	1.82
6	83.2500	14.27	13.20	13.31	13.38	1.07	HH(44)	343.2625	14.11	12.75	12.59	13.02	1.52
A-5(95)	91.2500						II(45)	349.2625	14.17	12.81	12.61	13.11	1.56
A-4(96)	97.2500	14.84	13.67	13.82	13.91	1.17	JJ(46)	355.2625	13.91	12.39	12.28	12.78	1.63
A-3(97)	103.2500						KK(47)	361.2625	13.85	12.43	12.30	12.75	1.55
A-2(98)	109.2750						LL(48)	367.2625	13.39	11.88	11.80	12.28	1.59
A-1(99)	115.2750	13.85	12.61	12.69	12.79	1.24	MM(49)	373.2625	13.29	11.79	11.66	12.09	1.63
A(14)	121.2625	13.50	12.24	12.32	12.45	1.26	NN(50)	379.2625	12.27	10.88	10.82	11.30	1.45
B(15)	127.2625	13.86	12.51	12.63	12.77	1.35	OO(51)	385.2625	12.27	11.02	10.95	11.43	1.32
C(16)	133.2625	13.27	11.91	12.05	12.16	1.36	PP(52)	391.2625	12.56	11.02	10.87	11.32	1.69
D(17)	139.2500	13.38	12.14	12.28	12.05	1.33	QQ(53)	397.2625	12.43	10.76	10.63	11.15	1.8
E(18)	145.2500	13.53	12.29	12.35	12.54	1.24	RR(54)	403.2500	12.65	10.93	10.91	11.34	1.74
F(19)	151.3210	14.92	13.74	13.77	14.02	1.18	SS(55)	409.2500	12.18	10.50	10.41	10.89	1.77
G(20)	157.2500	13.27	12.02	12.10	12.28	1.25	TT(56)	415.2500	11.91	10.28	10.19	10.71	1.72
H(21)	163.2500	14.02	12.86	12.96	13.16	1.16	UU(57)	421.2500	11.40	9.72	9.69	10.18	1.71
I(22)	169.2500	14.87	13.59	13.68	13.86	1.28	VV(58)	427.2500	11.84	10.22	10.19	10.66	1.65
7	175.2500	15.05	13.74	13.84	13.98	1.31	WW(59)	433.2500	11.19	9.54	9.52	9.98	1.67
8	181.2500	14.89	13.54	13.61	13.83	1.35	XX(60)	439.2500	11.57	9.84	9.81	9.87	1.76
9	187.2500	14.88	13.61	13.52	13.71	1.36	YY(61)	445.2500	12.27	10.59	10.54	11.08	1.73
10	193.2500	14.13	13.20	12.95	13.25	1.18	ZZ(62)	451.2500	13.50	11.75	11.73	12.24	1.77
11	199.2500	14.46	13.20	13.39	13.56	1.26	63	457.2500	13.92	12.15	12.09	12.26	1.83
12	205.2500	14.15	12.45	12.93	13.19	1.7	64	463.2500	14.18	12.29	12.26	12.82	1.92
13	211.2500	13.32	12.02	12.09	12.35	1.3	65	469.2500	14.10	12.25	12.16	12.66	1.94
J(23)	217.2500	13.47	12.09	12.18	12.40	1.38	66	475.2500					
K(24)	223.2500	12.68	11.27	11.37	11.64	1.41	67	481.2500	14.45	12.45	12.40	12.97	2.05
L(25)	229.2625	13.18	11.87	11.91	12.09	1.31	68	487.2500	14.48	12.57	12.54	13.00	1.94
M(26)	235.2625	13.14	11.87	11.87	12.25	1.27	69	493.2500	14.64	12.58	12.48	13.05	2.16
N(27)	241.2625	13.57	12.09	12.14	12.42	1.48	70	499.2500	15.00	13.00	13.02	13.50	2
O(28)	247.2625	12.98	11.53	11.41	11.80	1.57	71	505.2500	15.28	13.11	13.06	13.56	2.22
P(29)	253.2625	13.99	12.50	12.30	12.77	1.69	72	511.2500	15.27	13.11	12.61	13.47	2.66
Q(30)	259.2625	13.14	11.66	11.46	11.97	1.68	73	517.2500	15.35	13.26	13.25	13.64	2.1
R(31)	265.2625	12.98	11.41	11.16	11.73	1.82	74	523.2500	15.35	12.96	12.91	13.27	2.44
S(32)	271.2625	14.06	12.53	12.19	12.77	1.87	75	529.2500	15.00	12.69	12.66	13.10	2.34
T(33)	277.2625	13.32	11.80	11.39	12.04	1.93	76	535.2500	14.39	12.16	12.07	12.61	2.32
U(34)	283.2625	13.38	11.80	11.55	12.17	1.83	77	541.2500	14.28	12.07	12.00	12.65	2.28
V(35)	289.2625	13.73	12.13	11.88	12.49	1.85	78	547.2500	15.45	13.47	13.44	14.02	2.01
W(36)	295.2625	13.96	12.30	12.09	12.70	1.87	79	553.2500					
AA(37)	301.2625	14.07	12.43	12.18	12.76	1.89	80	559.2500	15.43	13.43	13.31	13.77	2.12
BB(38)	307.2625	14.16	12.48	12.27	12.84	1.89	81	565.2500					
CC(39)	313.2625	14.19	12.49	12.31	12.90	1.88							

Max Non Adjacent Channel Level Diff :- 6.86
 Max Adjacent Channel Level Diff :- 1.77
 Max Variance from last proof of performance test :- 6.39
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 17, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 17
Hub Name : Mapleview
Location : Sherman Lacey
Map Number : 341-5796
Pole Number : 10
D.T. Value : 17-2
OR Number : 1317
GNA Cascade : Node + 7
LE Cascade :

TESTPOINT 17, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Sherman Lacey
Date : 08/11/2006 Time : 07:12:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	14.58	0.73		13.85	DD (40)	319.2625	13.85	-0.93		14.78
3	61.2500	16.89	2.54		14.35	EE (41)	325.2625	13.96	-0.62		14.58
4	67.2500	16.85	2.80		14.05	FF (42)	331.2750	14.02	-0.74		14.76
5	77.2500	16.64	1.41		15.23	GG (43)	337.2625	14.09	-0.38		14.47
6	83.2500	15.90	1.91		13.99	HH (44)	343.2625	14.10	-0.27		14.37
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.03	-1.22		15.25
A-4 (96)	97.2500	16.37	1.65		14.72	JJ (46)	355.2625	14.25	-0.60		14.85
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.32	-0.44		14.76
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	14.49	-0.70		15.19
A-1 (99)	115.2750	15.63	0.42		15.21	MM (49)	373.2625	14.18	-0.57		14.75
A (14)	121.2625	14.75	-0.54		15.29	NN (50)	379.2625	14.10	-0.42		14.52
B (15)	127.2625	14.88	-0.22		15.1	OO (51)	385.2625	14.02	-0.47		14.49
C (16)	133.2625	13.21	-0.14		13.35	PP (52)	391.2625	14.19	-0.15		14.34
D (17)	139.2500	14.36	1.20		13.16	QQ (53)	397.2625	14.03	-0.63		14.66
B (18)	145.2500	15.21	-0.02		15.23	RR (54)	403.2500	14.36	-0.57		14.93
F (19)	151.3210	16.58	2.71		13.87	SS (55)	409.2500	14.00	-0.71		14.71
G (20)	157.2500	15.58	1.22		14.36	TT (56)	415.2500	13.95	-1.19		15.14
H (21)	163.2500	15.69	1.76		13.93	UU (57)	421.2500	13.76	-0.96		14.72
I (22)	169.2500	16.15	2.36		13.79	VV (58)	427.2500	14.04	-0.95		14.99
7	175.2500	16.64	3.23		13.41	WW (59)	433.2500	12.79	-2.66		15.45
8	181.2500	17.08	2.91		14.17	XX (60)	439.2500	12.56	-1.76		14.32
9	187.2500	17.05	1.33		15.72	YY (61)	445.2500	12.99	-1.38		14.37
10	193.2500	16.42	1.21		15.21	ZZ (62)	451.2500	13.78	-0.55		14.33
11	199.2500	16.32	1.18		15.14	63	457.2500	14.20	0.09		14.11
12	205.2500	16.02	1.88		14.14	64	463.2500	14.55	-0.11		14.66
13	211.2500	15.70	0.01		15.69	65	469.2500	14.31	-0.41		14.72
J (23)	217.2500	15.63	0.87		14.76	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	15.27	0.46		14.81	67	481.2500	13.78	-1.28		15.06
L (25)	229.2625	15.64	0.77		14.87	68	487.2500	13.42	-1.71		15.13
M (26)	235.2625	15.51	0.85		14.66	69	493.2500	13.58	-1.03		14.61
N (27)	241.2625	15.83	1.72		14.11	70	499.2500	13.53	-0.77		14.3
O (28)	247.2625	15.39	0.74		14.65	71	505.2500	13.96	-0.65		14.61
P (29)	253.2625	16.50	2.88		13.62	72	511.2500	14.15	-0.77		14.92
Q (30)	259.2625	16.18	0.87		15.31	73	517.2500	14.48	-0.49		14.97
R (31)	265.2625	15.48	-0.06		15.54	74	523.2500	14.30	-0.80		15.1
S (32)	271.2625	14.21	0.21		14	75	529.2500	13.96	-0.36		14.32
T (33)	277.2625	13.93	-0.64		14.57	76	535.2500	13.72	-1.18		14.9
U (34)	283.2625	13.51	-1.34		14.85	77	541.2500	13.53	-1.10		14.63
V (35)	289.2625	13.38	-1.67		15.05	78	547.2500	13.43	-1.68		15.11
W (36)	295.2625	13.57	-1.08		14.65	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.97	-0.71		14.68	80	559.2500	14.30	-0.10		14.4
BB (38)	307.2625	13.96	-0.19		14.15	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	14.02	-0.14		14.16						

Min Channel	: C(16)	13.210
Max Channel	: HH(44)	17.170
Peak to Valley	: 3.96	

TESTPOINT 17, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST

System Name : Syracuse

Date : 8/17/2006

Performed By : Don Palmer

Location : Sherman Lacey

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	51.2	70.5	81.4	0.5
16	0.1	49.8	64.8	79.4	
21	0.2	50.9	64.5	76.2	
13	0.1	51.3	61.8	73.2	
36	0.1	50.4	61.6	68.9	
41	0.3	50.0	61.7	70.9	
44	0.3	51.5	62.2	73.0	
56	0.2	50.1	59.6	70.7	
73	0.3	50.3	61.3	68.4	

TESTPOINT 17, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

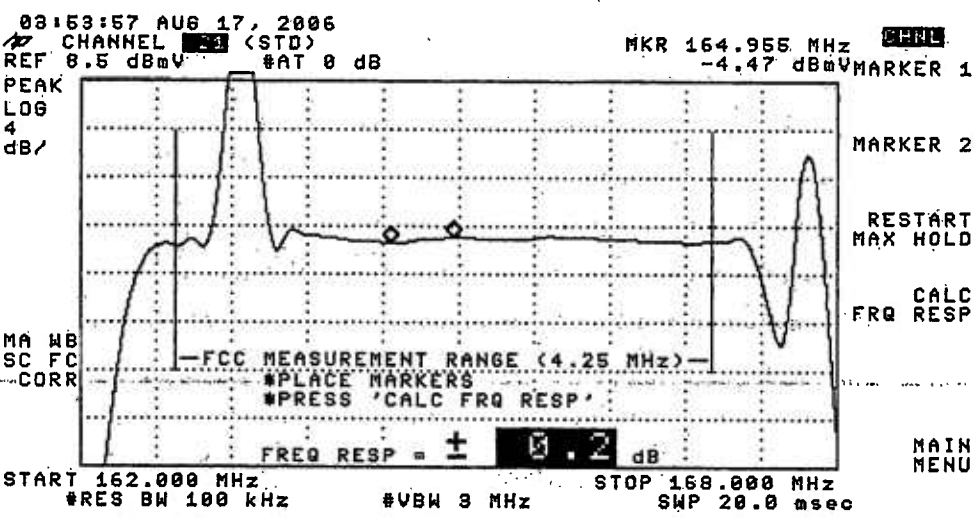
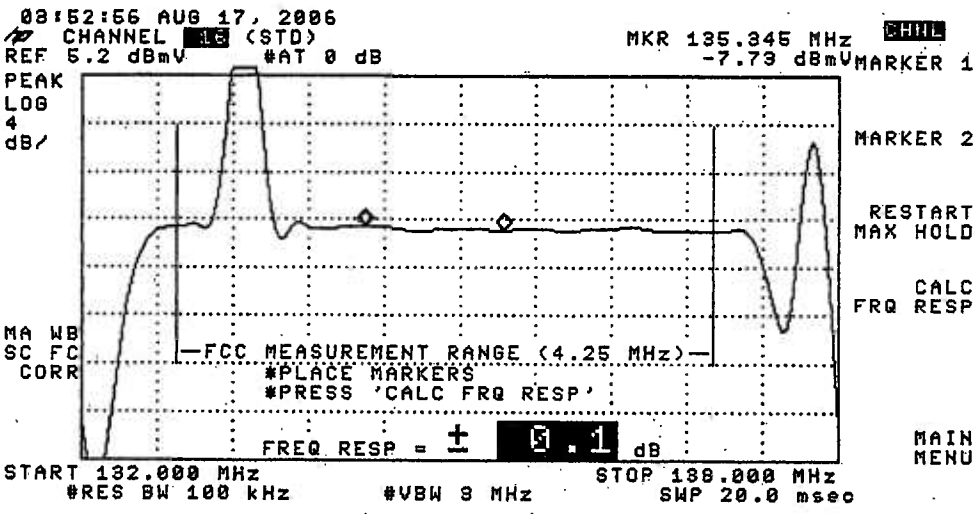
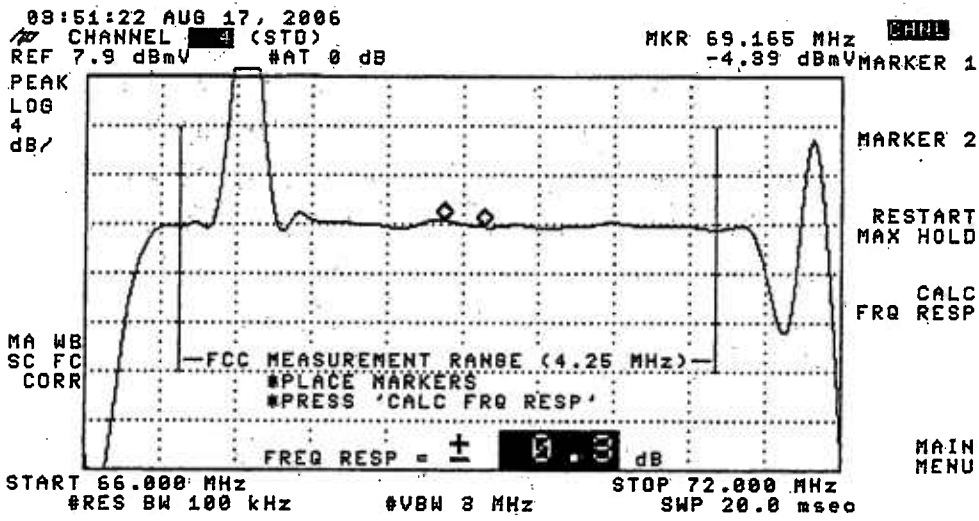
System Name : Syracuse

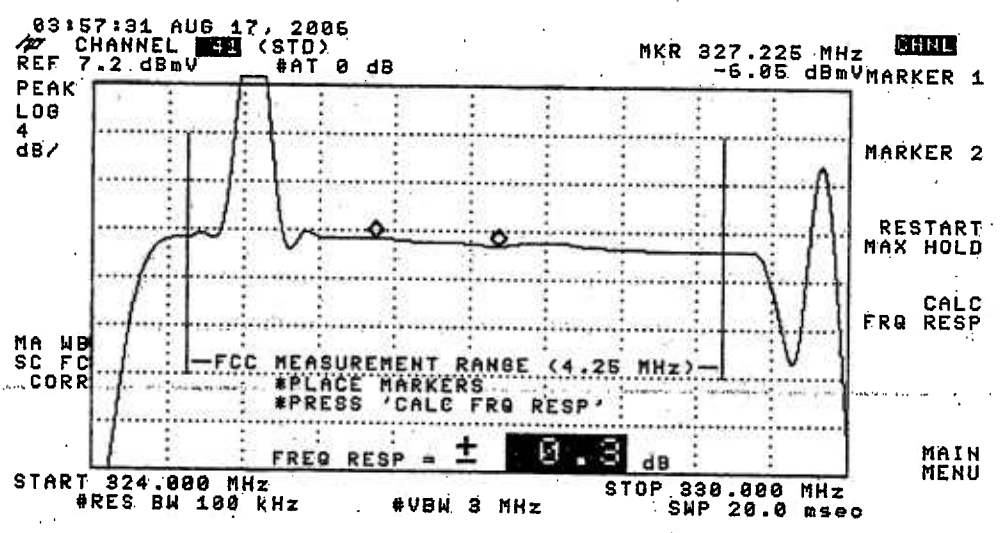
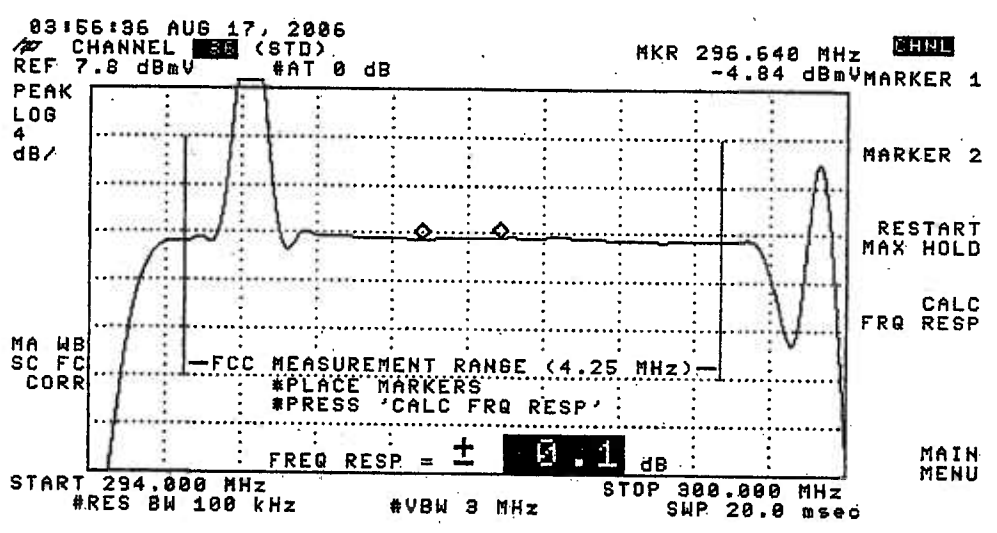
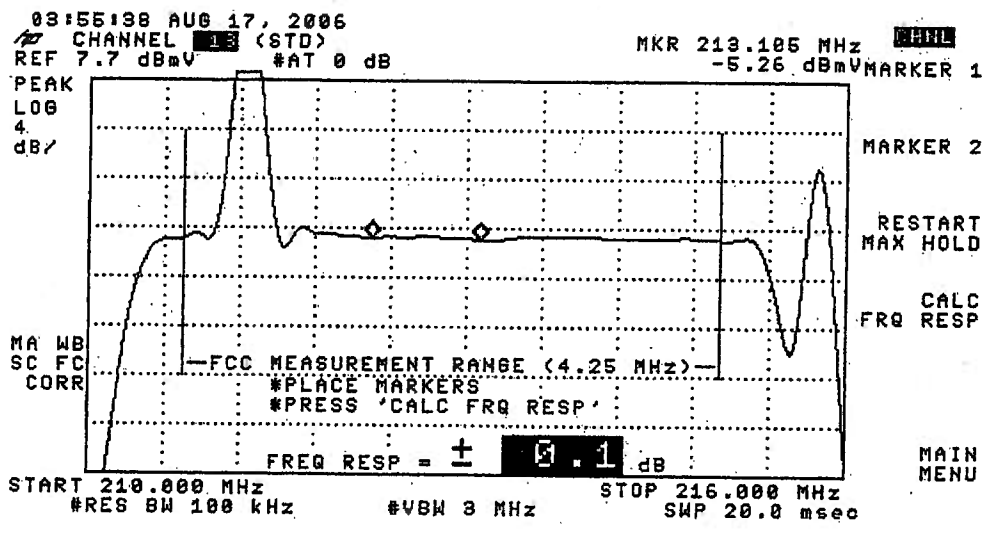
Date : 8/17/2006

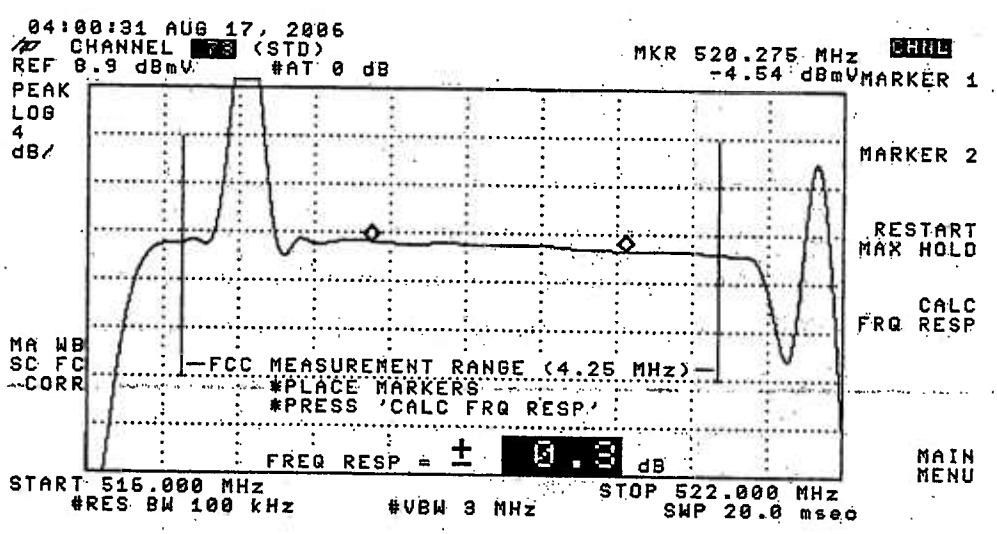
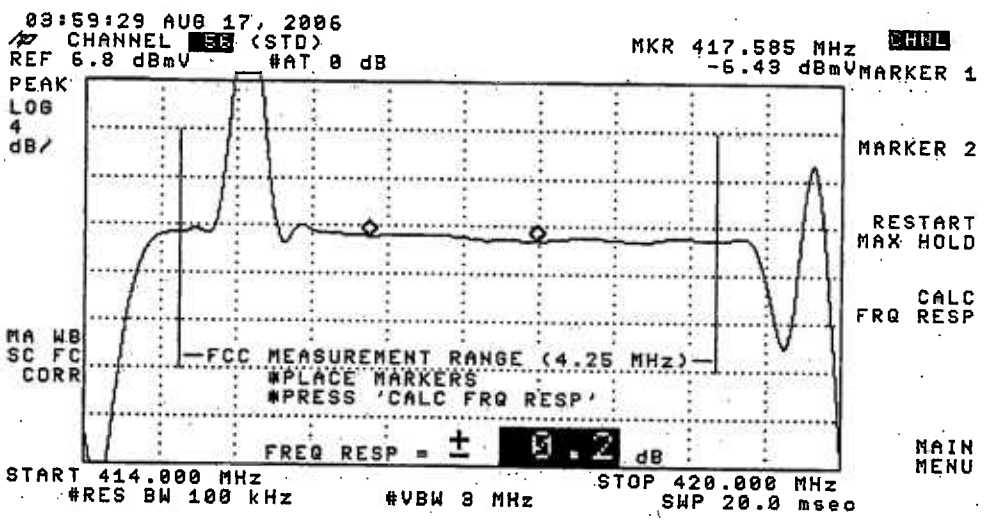
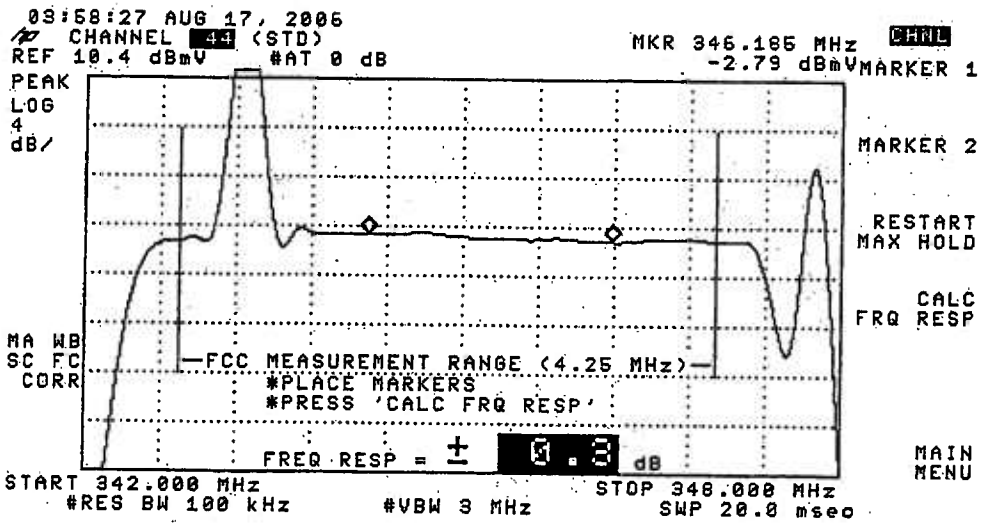
Performed By : Don Palmer

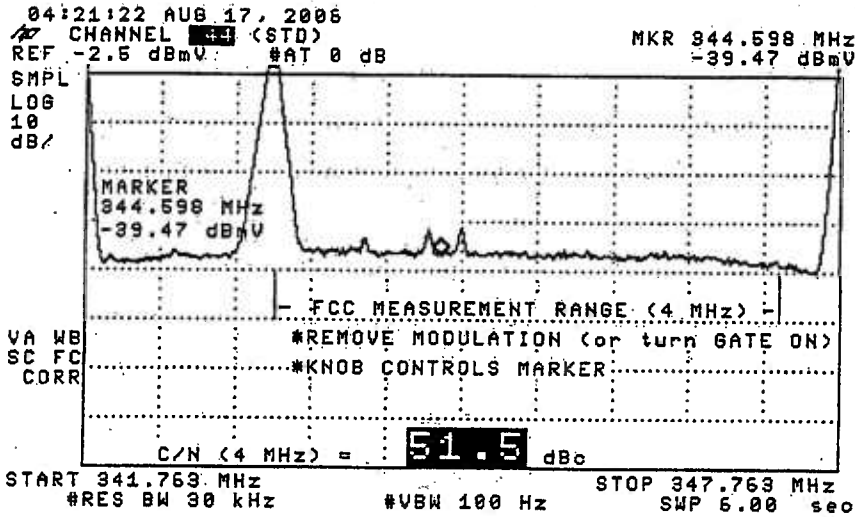
Location : Sherman Lacey

(SEE THE ATTACHED SWEEP TRACES)

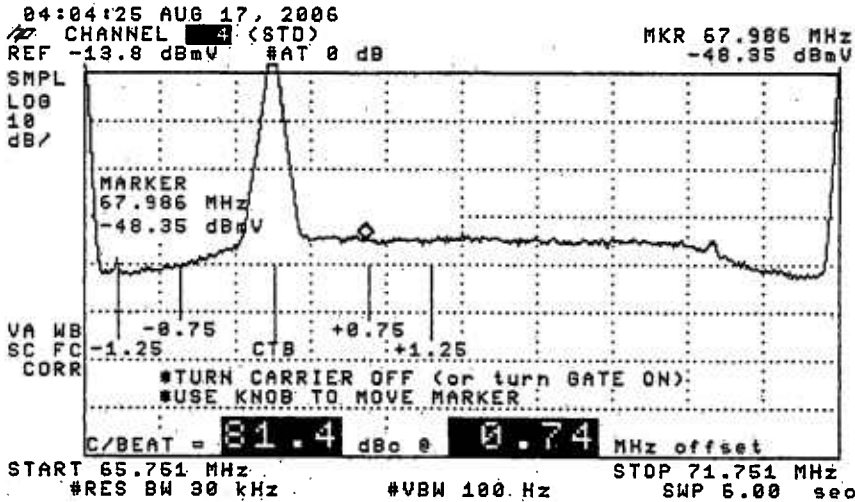




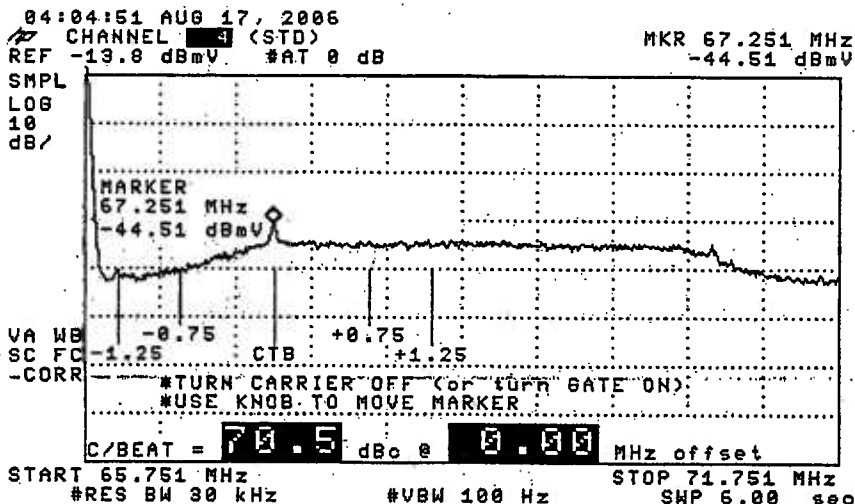




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

TESTPOINT 17, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Sherman Lacey
 Date : 08/11/2006 Performed By : Melvin Johnson
 Meter Serial Number : 223239

		TEMP F				TEMP F							
		64.00	78.00	69.00	59.00	64.00	78.00	69.00	59.00				
		TIME				TIME							
		07:12:00	13:08:00	19:10:00	01:25:00	07:12:00	13:08:00	19:10:00	01:25:00				
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.58	13.66	13.62	13.84	0.96	DD(40)	319.2625	14.44	13.40	13.28	13.63	1.16
3	61.2500	16.89	15.98	15.91	16.21	0.98	EE(41)	325.2625	15.06	14.06	13.92	14.29	1.14
4	67.2500	16.85	15.96	15.93	16.31	0.92	FF(42)	331.2750	14.14	13.24	13.05	13.61	1.09
5	77.2500	16.64	15.75	15.69	15.96	0.95	GG(43)	337.2625	16.37	15.07	15.96	15.93	1.13
6	83.2500	15.90	14.92	14.89	15.18	1.01	HH(44)	343.2625	17.17	16.52	16.05	17.07	1.12
A-5(95)	91.2500						II(45)	349.2625	16.38	15.41	15.11	15.73	1.27
A-4(96)	97.2500	16.37	15.41	15.29	15.48	1.08	JJ(46)	355.2625	15.63	14.63	14.52	15.02	1.11
A-3(97)	103.2500						KK(47)	361.2625	15.55	14.53	14.38	14.88	1.17
A-2(98)	109.2750						LL(48)	367.2625	15.54	14.56	14.45	14.95	1.09
A-1(99)	115.2750	15.63	14.75	14.49	14.86	1.14	MM(49)	373.2625	15.19	14.19	14.02	14.59	1.17
A(14)	121.2625	14.75	13.99	13.73	14.09	1.02	NN(50)	379.2625	14.73	13.70	13.51	14.10	1.22
B(15)	127.2625	14.88	13.65	13.32	13.78	1.56	OO(51)	385.2625	14.74	13.75	13.61	14.13	1.13
C(16)	133.2625	13.21	12.18	11.99	12.37	1.22	PP(52)	391.2625	14.62	13.57	13.39	13.92	1.23
D(17)	139.2500	14.36	13.34	13.20	13.59	1.16	QQ(53)	397.2625	15.01	13.97	13.81	14.37	1.2
B(18)	145.2500	15.21	14.43	14.18	14.57	1.03	RR(54)	403.2500	15.29	14.24	14.13	14.63	1.16
F(19)	151.3210	16.58	15.51	15.27	15.68	1.31	SS(55)	409.2500	15.36	14.29	14.12	14.64	1.24
G(20)	157.2500	15.58	14.74	14.57	14.86	1.01	TT(56)	415.2500	14.90	13.79	13.63	14.19	1.27
H(21)	163.2500	15.69	14.89	14.76	15.05	0.93	UU(57)	421.2500	14.27	13.09	13.00	13.52	1.27
I(22)	169.2500	16.15	15.24	15.19	15.51	0.96	VV(58)	427.2500	14.89	13.71	13.60	14.10	1.29
7	175.2500	16.64	15.86	15.67	16.12	0.97	WW(59)	433.2500	13.87	12.67	12.52	13.11	1.35
8	181.2500	17.08	16.12	15.98	16.46	1.1	XX(60)	439.2500	13.94	12.76	12.61	13.13	1.33
9	187.2500	17.05	16.06	15.90	16.07	1.15	YY(61)	445.2500	14.14	13.01	12.89	13.48	1.25
10	193.2500	16.42	15.71	15.46	15.81	0.96	ZZ(62)	451.2500	14.89	13.64	13.53	14.13	1.36
11	199.2500	16.32	15.43	15.26	15.64	1.06	63	457.2500	15.00	13.89	13.69	14.29	1.31
12	205.2500	16.02	15.24	15.10	15.47	0.92	64	463.2500	15.38	14.07	13.92	14.55	1.46
13	211.2500	15.70	14.90	14.76	15.09	0.94	65	469.2500	15.15	13.92	13.77	14.38	1.38
J(23)	217.2500	15.63	14.81	14.74	15.05	0.89	66	475.2500					
K(24)	223.2500	15.27	14.33	14.27	14.61	1	67	481.2500	15.57	14.26	14.05	14.73	1.52
L(25)	229.2625	15.64	14.78	14.61	15.01	1.03	68	487.2500	15.55	14.21	13.95	14.67	1.6
M(26)	235.2625	15.51	14.46	14.33	14.75	1.18	69	493.2500	15.55	14.25	14.01	14.72	1.54
N(27)	241.2625	15.83	14.71	14.57	14.92	1.26	70	499.2500	16.22	14.90	14.69	15.40	1.53
O(28)	247.2625	15.39	14.21	14.13	14.45	1.26	71	505.2500	16.07	14.84	14.61	15.35	1.46
P(29)	253.2625	16.50	15.34	15.27	15.53	1.23	72	511.2500	16.23	14.95	14.67	15.46	1.56
Q(30)	259.2625	16.18	15.00	14.84	15.18	1.34	73	517.2500	16.40	15.22	14.95	15.70	1.45
R(31)	265.2625	15.48	14.35	14.30	14.63	1.18	74	523.2500	16.30	15.01	14.75	15.46	1.55
S(32)	271.2625	16.94	16.00	15.77	16.06	1.17	75	529.2500	15.93	14.61	14.00	15.11	1.93
T(33)	277.2625	16.20	15.05	14.98	15.27	1.22	76	535.2500	15.23	13.88	13.65	14.42	1.58
U(34)	283.2625	15.64	14.41	14.26	14.69	1.38	77	541.2500	15.17	13.76	13.50	14.17	1.67
V(35)	289.2625	15.80	14.98	14.96	15.25	0.84	78	547.2500	16.44	14.65	14.91	15.48	1.79
W(36)	295.2625	15.88	14.96	14.89	15.17	0.99	79	553.2500					
AA(37)	301.2625	15.98	15.02	14.90	15.26	1.08	80	559.2500	15.67	14.08	13.91	14.54	1.76
BB(38)	307.2625	16.32	15.32	15.18	15.55	1.14	81	565.2500					
CC(39)	313.2625	15.40	14.39	14.27	14.64	1.13							

Max Non Adjacent Channel Level Diff :- 4.7
 Max Adjacent Channel Level Diff :- 2.91
 Max Variance from last proof of performance test :- 6.58
 Date of last proof of performance test :- 01/19/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 18, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 18
Hub Name : Fulton
Location : Lot 110 Rd.
Map Number : 314-5758
Pole Number : 10
D.T. Value : 8-2
OR Number : 749
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 18, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Lot 110 Rd.
Date : 08/11/2006 Time : 07:42:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	13.74	0.08		13.66	DD (40)	319.2625	13.85	-0.93		14.78
3	61.2500	15.43	0.80		14.63	EE (41)	325.2625	13.96	-0.62		14.58
4	67.2500	15.82	0.87		14.95	FF (42)	331.2750	14.02	-0.74		14.76
5	77.2500	14.30	-1.46		15.76	GG (43)	337.2625	14.09	-0.38		14.47
6	83.2500	13.62	-1.09		14.71	HH (44)	343.2625	14.10	-0.27		14.37
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.03	-1.22		15.25
A-4 (96)	97.2500	13.86	-1.96		15.82	JJ (46)	355.2625	14.25	-0.60		14.85
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.32	-0.44		14.76
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	14.49	-0.70		15.19
A-1 (99)	115.2750	12.95	-1.46		14.41	MM (49)	373.2625	14.18	-0.57		14.75
A (14)	121.2625	13.39	-0.93		14.32	NN (50)	379.2625	14.10	-0.42		14.52
B (15)	127.2625	12.93	-2.39		15.32	OO (51)	385.2625	14.02	-0.47		14.49
C (16)	133.2625	12.85	-1.04		13.89	PP (52)	391.2625	14.19	-0.15		14.34
D (17)	139.2500	13.00	-0.54		13.54	QQ (53)	397.2625	14.03	-0.63		14.66
E (18)	145.2500	13.36	-1.60		14.96	RR (54)	403.2500	14.36	-0.57		14.93
F (19)	151.3210	15.07	0.88		14.19	SS (55)	409.2500	14.00	-0.71		14.71
G (20)	157.2500	13.73	-1.01		14.74	TT (56)	415.2500	13.95	-1.19		15.14
H (21)	163.2500	14.01	-0.50		14.51	UU (57)	421.2500	13.76	-0.96		14.72
I (22)	169.2500	13.68	-0.03		13.71	VV (58)	427.2500	14.04	-0.95		14.99
7	175.2500	14.55	0.55		14	WW (59)	433.2500	12.79	-2.66		15.45
8	181.2500	14.74	0.72		14.02	XX (60)	439.2500	12.56	-1.76		14.32
9	187.2500	15.29	0.21		15.08	YY (61)	445.2500	12.99	-1.38		14.37
10	193.2500	15.07	0.41		14.66	ZZ (62)	451.2500	13.78	-0.55		14.33
11	199.2500	15.80	1.70		14.1	63	457.2500	14.20	0.09		14.11
12	205.2500	15.77	1.72		14.05	64	463.2500	14.55	-0.11		14.66
13	211.2500	15.34	-0.01		15.35	65	469.2500	14.31	-0.41		14.72
J (23)	217.2500	15.85	0.93		14.92	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	15.62	0.65		14.97	67	481.2500	13.78	-1.28		15.06
L (25)	229.2625	15.37	0.59		14.78	68	487.2500	13.42	-1.71		15.13
M (26)	235.2625	15.24	0.41		14.83	69	493.2500	13.58	-1.03		14.61
N (27)	241.2625	15.11	0.66		14.45	70	499.2500	13.53	-0.77		14.3
O (28)	247.2625	15.08	0.17		14.91	71	505.2500	13.96	-0.65		14.61
P (29)	253.2625	15.19	1.14		14.05	72	511.2500	14.15	-0.77		14.92
Q (30)	259.2625	14.40	-0.85		15.25	73	517.2500	14.48	-0.49		14.97
R (31)	265.2625	14.21	-0.97		15.18	74	523.2500	14.30	-0.80		15.1
S (32)	271.2625	14.21	0.21		14	75	529.2500	13.96	-0.36		14.32
T (33)	277.2625	13.93	-0.64		14.57	76	535.2500	13.72	-1.18		14.9
U (34)	283.2625	13.51	-1.34		14.85	77	541.2500	13.53	-1.10		14.63
V (35)	289.2625	13.38	-1.67		15.05	78	547.2500	13.43	-1.68		15.11
W (36)	295.2625	13.57	-1.08		14.65	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.97	-0.71		14.68	80	559.2500	14.30	-0.10		14.4
BB (38)	307.2625	13.96	-0.19		14.15	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	14.02	-0.14		14.16						

Min Channel	:	XX(60)	12.560
Max Channel	:	J(23)	15.850
Peak to Valley	:		3.29

TESTPOINT 18, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
 CARRIER - TO - NOISE TEST
 COHERENT DISTURBANCES TEST
 LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Don Palmer
Location : Lot 110 Rd.

Date : 8/17/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	47.8	67.9	76.7	0.6
16	0.1	47.4	67.7	74.3	
21	0.2	47.0	68.1	76.8	
13	0.2	47.1	69.9	74.0	
36	0.2	47.0	63.9	72.1	
41	0.3	47.1	67.5	70.2	
44	0.1	46.9	65.1	71.3	
56	0.2	47.0	63.5	70.5	
73	0.4	48.4	65.1	70.8	

TESTPOINT 18, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

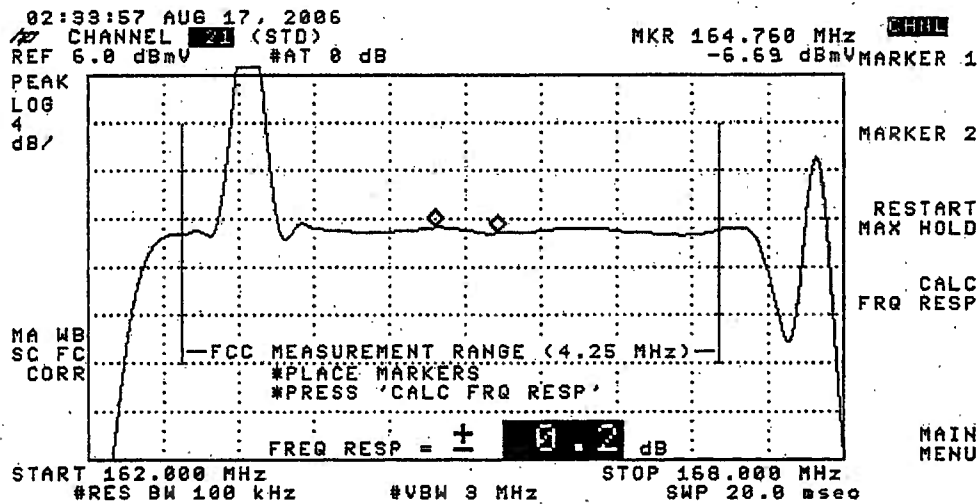
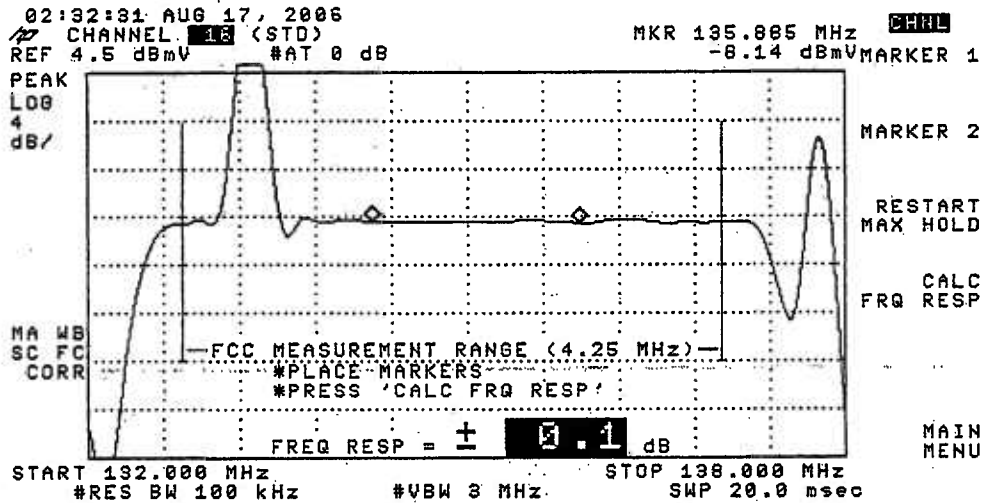
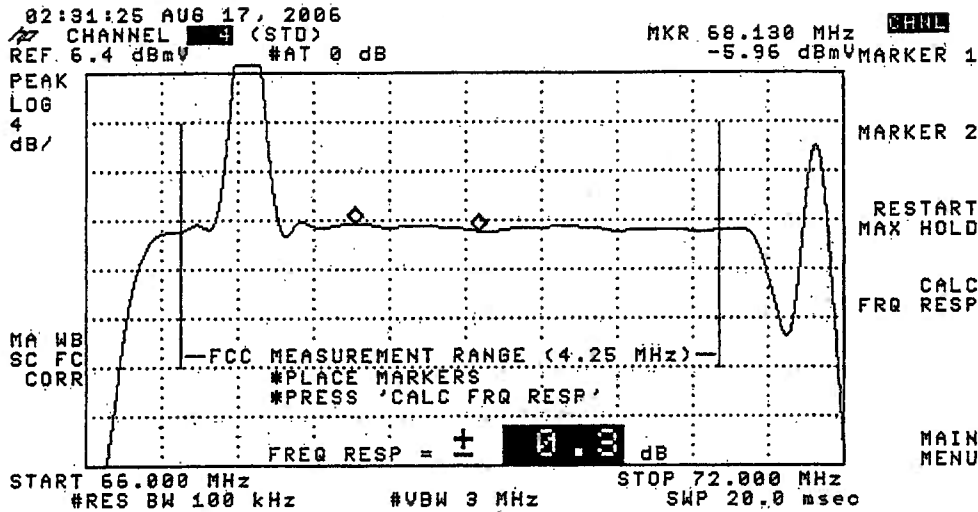
System Name : Syracuse

Date : 8/17/2006

Performed By : Don Palmer

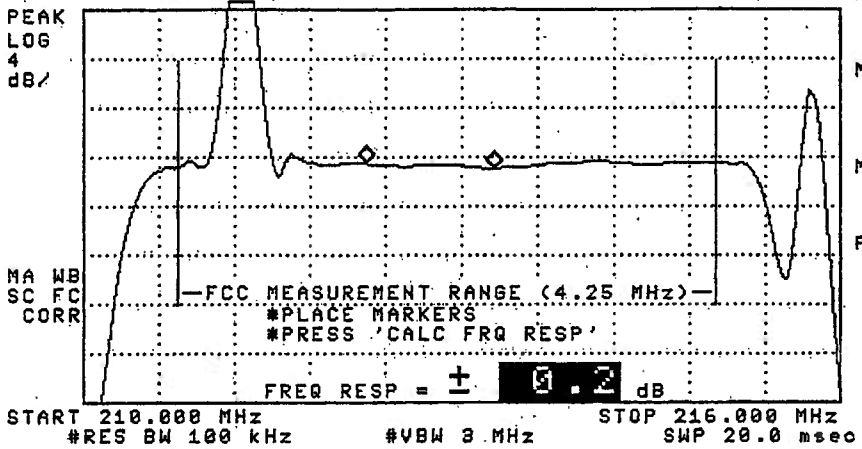
Location : Lot 110 Rd.

(SEE THE ATTACHED SWEEP TRACES)



02:34:49 AUG 17, 2006
CHANNEL 13 (STD)
REF 6.7 dBmV #AT 0 dB

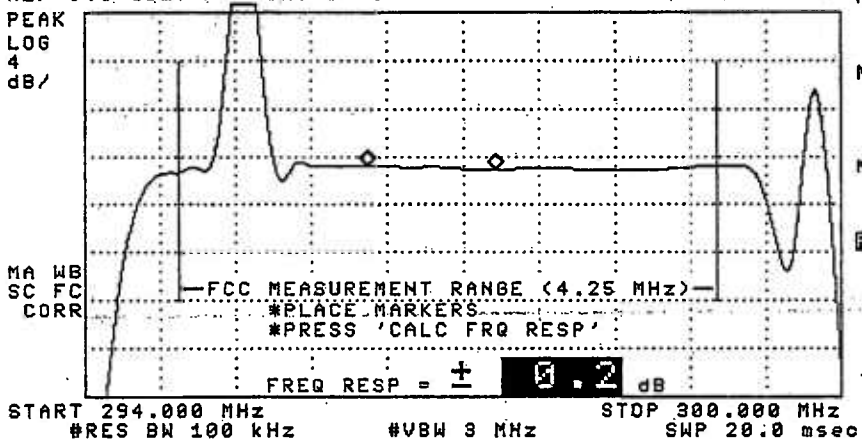
MKR 212.250 MHz CHHL
-5.88 dBmV MARKER 1



MARKER 2
RESTART MAX HOLD
CALC FRQ RESP
MAIN MENU

02:35:43 AUG 17, 2006
CHANNEL 35 (STD)
REF 5.3 dBmV #AT 0 dB

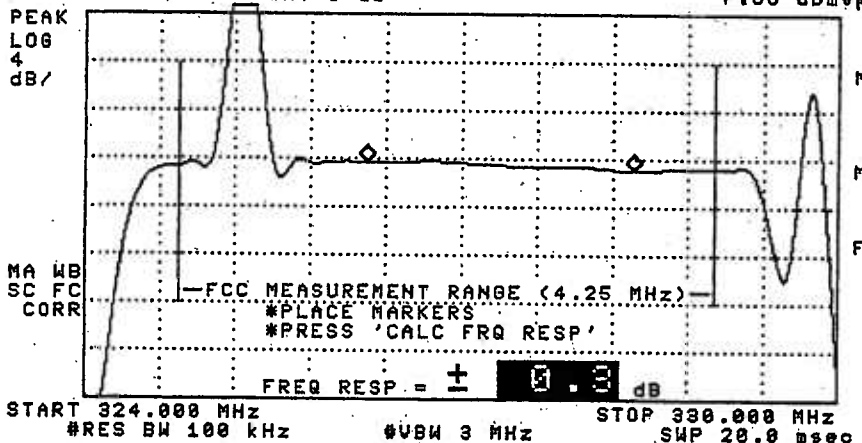
MKR 296.250 MHz CHHL
-7.51 dBmV MARKER 1



MARKER 2
RESTART MAX HOLD
CALC FRQ RESP
MAIN MENU

02:36:53 AUG 17, 2006
CHANNEL 41 (STD)
REF 5.2 dBmV #AT 0 dB

MKR 328.365 MHz CHHL
-7.68 dBmV MARKER 1



MARKER 2
RESTART MAX HOLD
CALC FRQ RESP
MAIN MENU

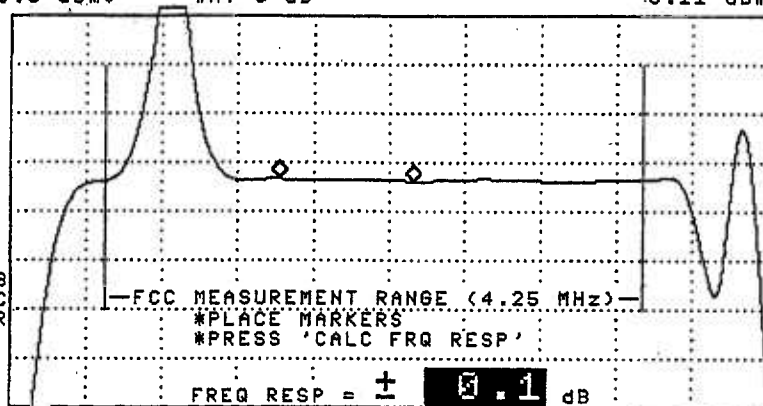
02:37:24 AUG 17, 2006

CHANNEL 44 (STD)
REF 8.5 dBmV #AT 0 dB

MKR 345.195 MHz CHNL
-5.11 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 342.000 MHz STOP 348.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

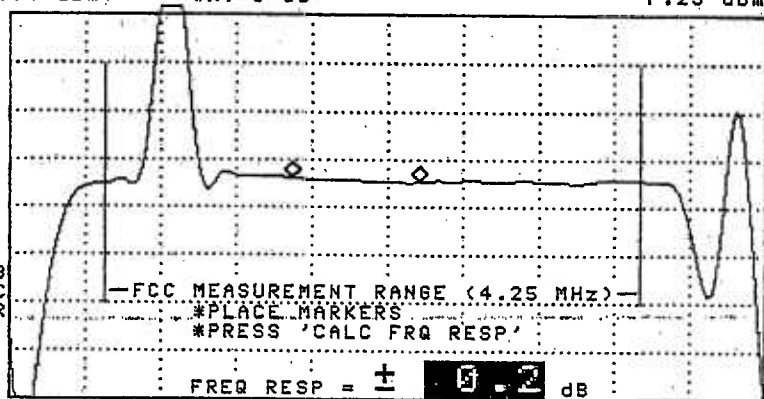
02:38:31 AUG 17, 2006

CHANNEL 53 (STD)
REF 6.4 dBmV #AT 0 dB

MKR 416.250 MHz CHNL
-7.23 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 414.000 MHz STOP 420.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

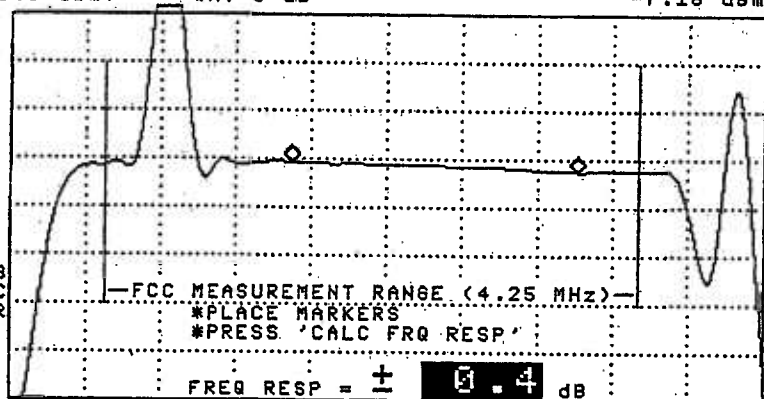
02:40:14 AUG 17, 2006

CHANNEL 78 (STD)
REF 5.9 dBmV #AT 0 dB

MKR 520.515 MHz CHNL
-7.18 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



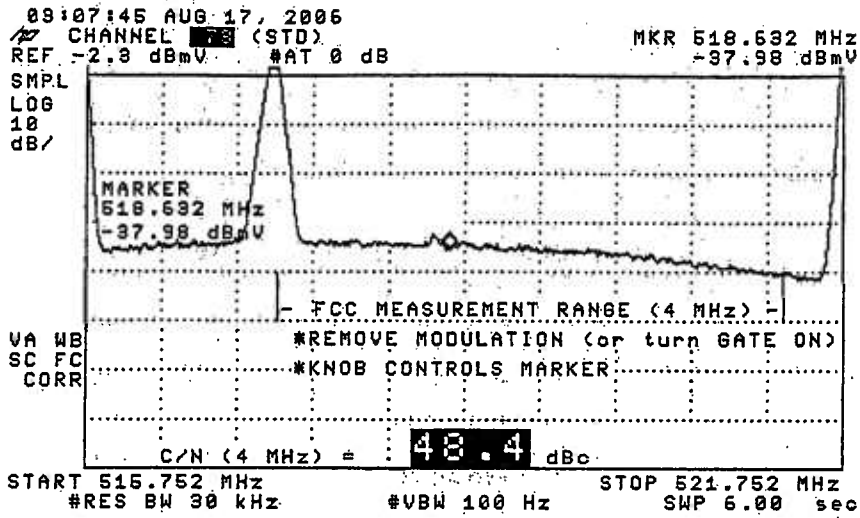
MARKER 2

RESTART
MAX HOLD

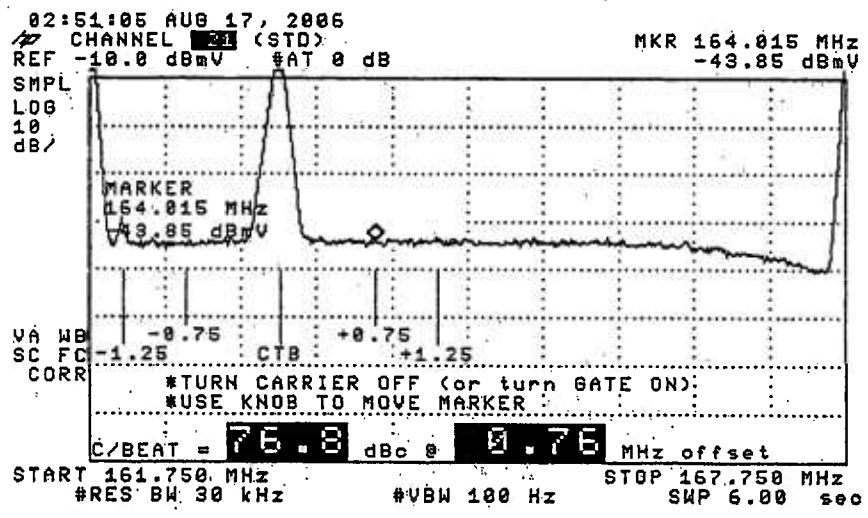
CALC
FRQ RESP

MAIN
MENU

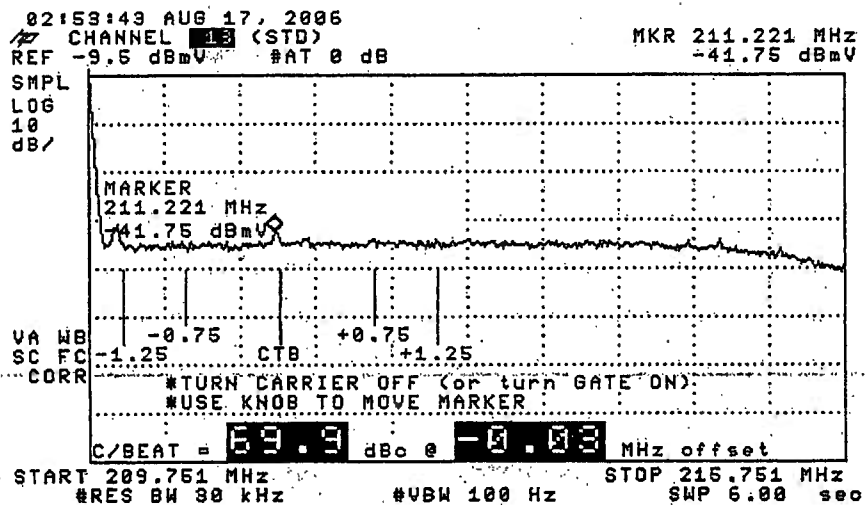
START 516.000 MHz STOP 522.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

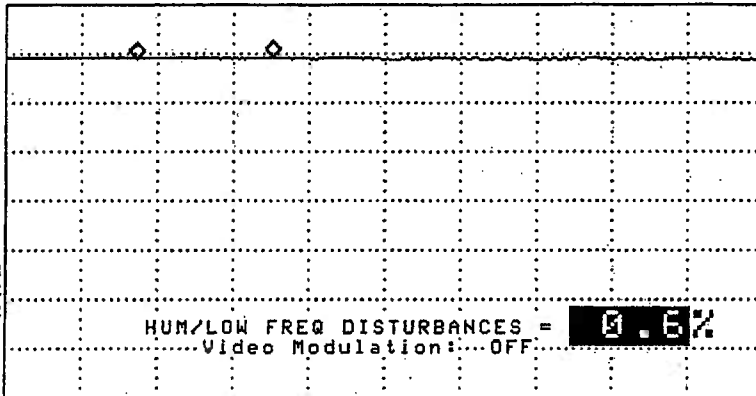
02:30:16 AUG 17, 2006
CHANNEL 4 (STD)
REF 17.1 dBmV #AT 0 dB

MKR Δ -9.0000 msec
-0.05 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.238 MHz #RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec
STOP 67.238 MHz

TESTPOINT 18, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Lot 110 Rd.
 Date : 08/11/2006 Performed By : Melvin Johnson
 Meter Serial Number : 223239

		TEMP F						TEMP F					
		68.00	68.00	65.00	60.00			68.00	68.00	65.00	60.00		
		TIME						TIME					
		07:42:00	13:39:00	19:36:00	01:49:00			07:42:00	13:39:00	19:36:00	01:49:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	13.74	13.10	13.24	13.48	0.64	DD(40)	319.2625	13.85	12.61	12.83	12.79	1.24
3	61.2500	15.43	14.68	14.89	15.06	0.75	EE(41)	325.2625	13.96	13.16	12.97	12.99	0.99
4	67.2500	15.82	15.20	15.35	15.40	0.62	FF(42)	331.2750	14.02	13.33	13.17	13.09	0.93
5	77.2500	14.30	13.66	13.84	14.04	0.64	GG(43)	337.2625	14.09	13.27	13.14	13.20	0.95
6	83.2500	13.62	13.02	13.11	13.28	0.6	HH(44)	343.2625	14.10	13.44	13.26	13.32	0.84
A-5(95)	91.2500						II(45)	349.2625	14.03	13.27	13.18	13.25	0.85
A-4(96)	97.2500	13.86	12.72	12.39	13.13	1.47	JJ(46)	355.2625	14.25	13.47	13.39	13.54	0.86
A-3(97)	103.2500						KK(47)	361.2625	14.32	13.49	13.39	13.67	0.93
A-2(98)	109.2750						LL(48)	367.2625	14.49	13.70	13.54	13.70	0.95
A-1(99)	115.2750	12.95	12.46	12.51	12.77	0.49	MM(49)	373.2625	14.18	13.45	13.30	13.50	0.88
A(14)	121.2625	13.39	12.82	12.88	13.17	0.57	NN(50)	379.2625	14.10	13.32	13.17	13.46	0.93
B(15)	127.2625	12.93	12.46	12.50	12.74	0.47	OO(51)	385.2625	14.02	13.29	13.12	13.39	0.9
C(16)	133.2625	12.85	12.35	12.41	12.66	0.5	PP(52)	391.2625	14.19	13.41	13.34	13.50	0.85
D(17)	139.2500	13.00	12.55	12.59	12.80	0.45	QQ(53)	397.2625	14.03	13.32	13.25	13.54	0.78
B(18)	145.2500	13.36	12.84	12.87	13.10	0.52	RR(54)	403.2500	14.36	13.63	13.53	13.80	0.83
F(19)	151.3210	15.07	14.66	14.66	14.90	0.41	SS(55)	409.2500	14.00	13.15	13.08	13.34	0.92
G(20)	157.2500	13.73	13.29	13.26	13.47	0.47	TT(56)	415.2500	13.95	13.09	13.05	13.33	0.9
H(21)	163.2500	14.01	13.58	13.50	13.77	0.51	UU(57)	421.2500	13.76	12.96	12.93	13.20	0.83
I(22)	169.2500	13.68	13.29	13.20	13.40	0.48	VV(58)	427.2500	14.04	13.11	12.87	13.36	1.17
7	175.2500	14.55	14.10	14.02	14.20	0.53	WW(59)	433.2500	12.79	11.85	11.26	12.08	1.53
8	181.2500	14.74	14.36	14.28	14.41	0.46	XX(60)	439.2500	12.56	11.06	11.38	11.89	1.5
9	187.2500	15.29	14.82	14.71	14.89	0.58	YY(61)	445.2500	12.99	11.98	11.83	12.38	1.16
10	193.2500	15.07	14.75	14.66	14.84	0.41	ZZ(62)	451.2500	13.78	12.61	12.54	13.05	1.24
11	199.2500	15.80	15.41	15.35	15.46	0.45	63	457.2500	14.20	13.00	12.96	13.53	1.24
12	205.2500	15.77	15.30	15.20	15.40	0.57	64	463.2500	14.55	13.26	13.23	13.80	1.32
13	211.2500	15.34	15.02	14.86	14.66	0.68	65	469.2500	14.31	13.00	12.99	13.57	1.32
J(23)	217.2500	15.85	15.43	15.30	15.43	0.55	66	475.2500					
K(24)	223.2500	15.62	15.15	15.07	15.21	0.55	67	481.2500	13.78	12.36	12.43	13.00	1.42
L(25)	229.2625	15.37	14.98	14.82	14.82	0.55	68	487.2500	13.42	12.03	12.12	12.66	1.39
M(26)	235.2625	15.24	14.80	14.54	14.77	0.7	69	493.2500	13.58	12.12	12.19	12.78	1.46
N(27)	241.2625	15.11	14.61	14.41	14.61	0.7	70	499.2500	13.53	12.07	12.18	12.84	1.46
O(28)	247.2625	15.08	14.43	14.27	14.38	0.81	71	505.2500	13.96	12.47	12.29	13.17	1.67
P(29)	253.2625	15.19	14.65	14.43	14.16	1.03	72	511.2500	14.15	12.67	12.77	13.34	1.48
Q(30)	259.2625	14.40	13.98	13.68	13.84	0.72	73	517.2500	14.48	12.94	12.68	13.74	1.8
R(31)	265.2625	14.21	14.10	13.88	13.93	0.33	74	523.2500	14.30	12.77	13.03	13.61	1.53
S(32)	271.2625	14.21	13.68	13.46	13.54	0.75	75	529.2500	13.96	12.28	12.61	13.18	1.68
T(33)	277.2625	13.93	13.02	13.10	13.23	0.91	76	535.2500	13.72	12.20	11.92	12.96	1.8
U(34)	283.2625	13.51	12.95	12.74	12.74	0.77	77	541.2500	13.53	11.88	12.20	12.79	1.65
V(35)	289.2625	13.38	12.82	12.61	12.43	0.95	78	547.2500	13.43	11.72	12.05	12.69	1.71
W(36)	295.2625	13.57	12.95	12.70	12.68	0.89	79	553.2500					
AA(37)	301.2625	13.97	13.39	13.10	13.07	0.9	80	559.2500	14.30	12.54	12.95	13.62	1.76
BB(38)	307.2625	13.96	13.27	13.07	12.95	1.01	81	565.2500					
CC(39)	313.2625	14.02	13.25	13.04	12.93	1.09							

Max Non Adjacent Channel Level Diff :- 4.37
 Max Adjacent Channel Level Diff :- 1.82
 Max Variance from last proof of performance test :- 5.61
 Date of last proof of performance test :- 01/11/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 19, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 19
Hub Name : Fulton
Location : Red School House
Map Number : 290-5758
Pole Number : 41
D.T. Value : 20-2
OR Number : 743
GNA Cascade : Node + 6
LE Cascade :

TESTPOINT 19, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Red School House
Date : 08/11/2006 Time : 08:06:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	15.10	1.52		13.58	DD (40)	319.2625	14.20	-0.29		14.49
3	61.2500	16.64	1.68		14.96	EE (41)	325.2625	14.48	-0.27		14.75
4	67.2500	16.63	1.37		15.26	FF (42)	331.2750	14.43	-0.09		14.52
5	77.2500	14.78	0.25		14.53	GG (43)	337.2625	14.55	0.12		14.43
6	83.2500	13.97	-0.95		14.92	HH (44)	343.2625	14.55	0.16		14.39
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.39	-0.75		15.14
A-4 (96)	97.2500	13.61	-1.22		14.83	JJ (46)	355.2625	14.96	-0.16		15.12
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	14.55	0.15		14.4
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	15.10	-0.07		15.17
A-1 (99)	115.2750	12.34	-2.39		14.73	MM (49)	373.2625	14.77	-0.43		15.2
A (14)	121.2625	12.32	-1.99		14.31	NN (50)	379.2625	14.55	0.14		14.41
B (15)	127.2625	11.95	-3.15		15.1	OO (51)	385.2625	14.48	-0.16		14.64
C (16)	133.2625	12.19	-2.29		14.48	PP (52)	391.2625	14.59	0.09		14.5
D (17)	139.2500	12.02	-1.77		13.79	QQ (53)	397.2625	14.37	-0.23		14.6
B (18)	145.2500	12.53	-1.74		14.27	RR (54)	403.2500	14.53	-0.25		14.78
F (19)	151.3210	15.07	0.25		14.82	SS (55)	409.2500	14.20	-0.53		14.73
G (20)	157.2500	13.38	-1.29		14.67	TT (56)	415.2500	14.04	-0.98		15.02
H (21)	163.2500	13.68	-0.77		14.45	UU (57)	421.2500	13.97	-0.78		14.75
I (22)	169.2500	13.16	-0.53		13.69	VV (58)	427.2500	14.30	-0.57		14.87
7	175.2500	14.04	0.21		13.83	WW (59)	433.2500	12.90	-2.22		15.12
8	181.2500	14.23	0.16		14.07	XX (60)	439.2500	12.93	-1.46		14.39
9	187.2500	14.53	-0.68		15.21	YY (61)	445.2500	13.35	-1.21		14.56
10	193.2500	14.71	-0.33		15.04	ZZ (62)	451.2500	14.18	-0.04		14.22
11	199.2500	14.79	-0.53		15.32	63	457.2500	14.64	0.32		14.32
12	205.2500	14.77	0.67		14.1	64	463.2500	14.73	0.17		14.56
13	211.2500	14.21	-1.13		15.34	65	469.2500	14.71	0.23		14.48
J (23)	217.2500	14.41	-0.34		14.75	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	14.37	-0.33		14.7	67	481.2500	14.18	-0.66		14.84
L (25)	229.2625	14.17	-0.38		14.55	68	487.2500	14.23	-0.76		14.99
M (26)	235.2625	14.13	-0.57		14.7	69	493.2500	14.46	-0.50		14.96
N (27)	241.2625	14.05	-0.20		14.25	70	499.2500	14.23	0.29		13.94
O (28)	247.2625	14.01	-0.61		14.62	71	505.2500	14.93	0.24		14.69
P (29)	253.2625	14.37	0.39		13.98	72	511.2500	14.97	0.16		14.81
Q (30)	259.2625	13.81	-1.41		15.22	73	517.2500	15.38	0.89		14.49
R (31)	265.2625	14.00	-1.46		15.46	74	523.2500	14.95	0.13		14.82
S (32)	271.2625	13.76	-0.20		13.96	75	529.2500	15.04	0.62		14.42
T (33)	277.2625	13.57	-0.61		14.18	76	535.2500	14.79	0.57		14.22
U (34)	283.2625	13.29	-1.07		14.36	77	541.2500	14.93	0.07		14.86
V (35)	289.2625	13.42	-1.67		15.09	78	547.2500	14.96	-0.36		15.32
W (36)	295.2625	13.79	-0.75		14.54	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.92	-0.03		13.95	80	559.2500	15.32	1.27		14.05
BB (38)	307.2625	14.41	0		14.41	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	14.48	0.44		14.04						

Min Channel	:	B(15)	11.950
Max Channel	:	3	16.640
Peak to Valley	:	4.69	

TESTPOINT 19, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

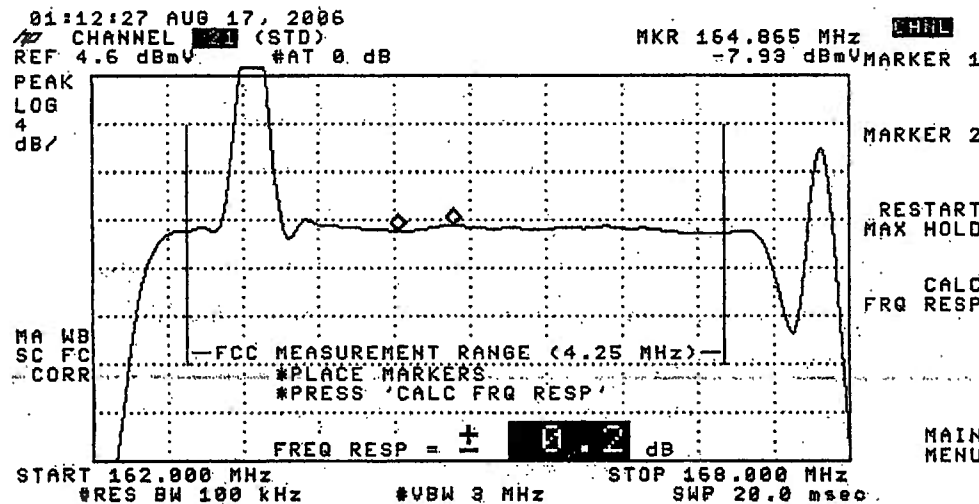
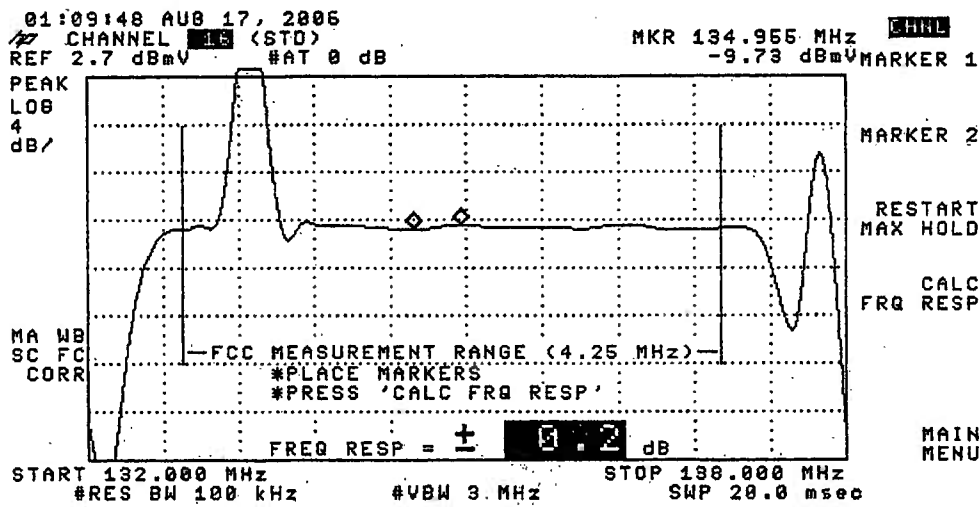
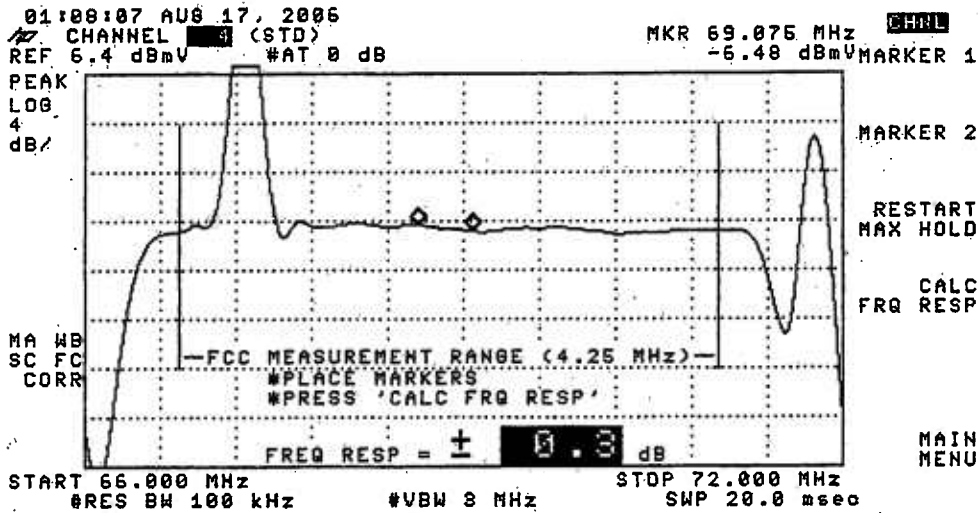
System Name : Syracuse

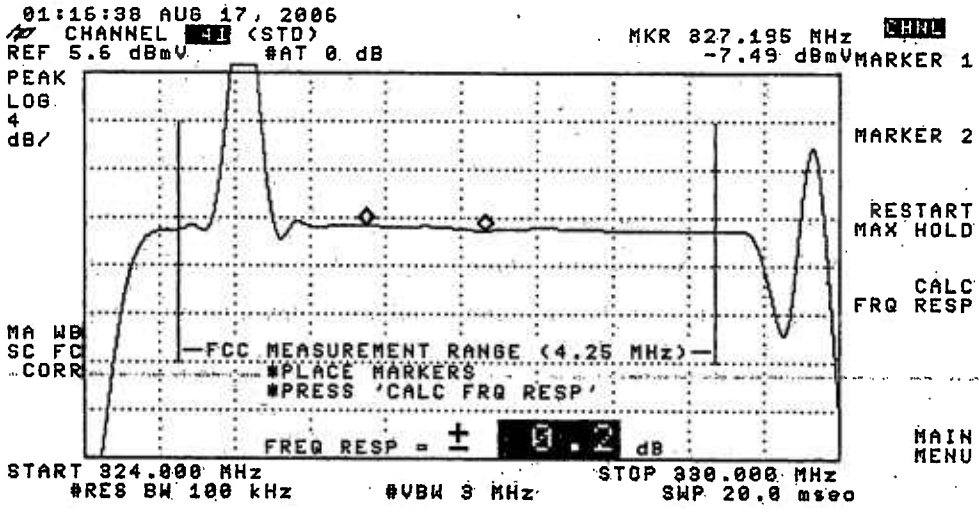
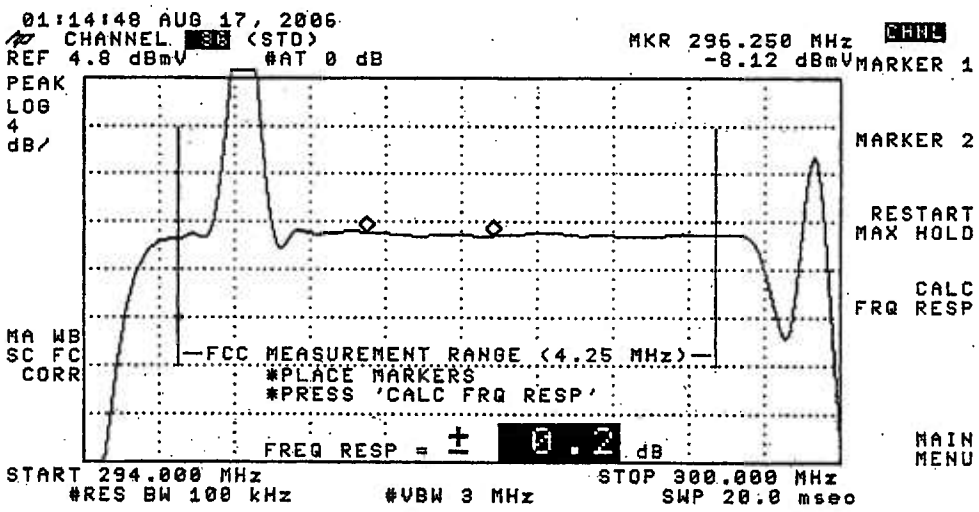
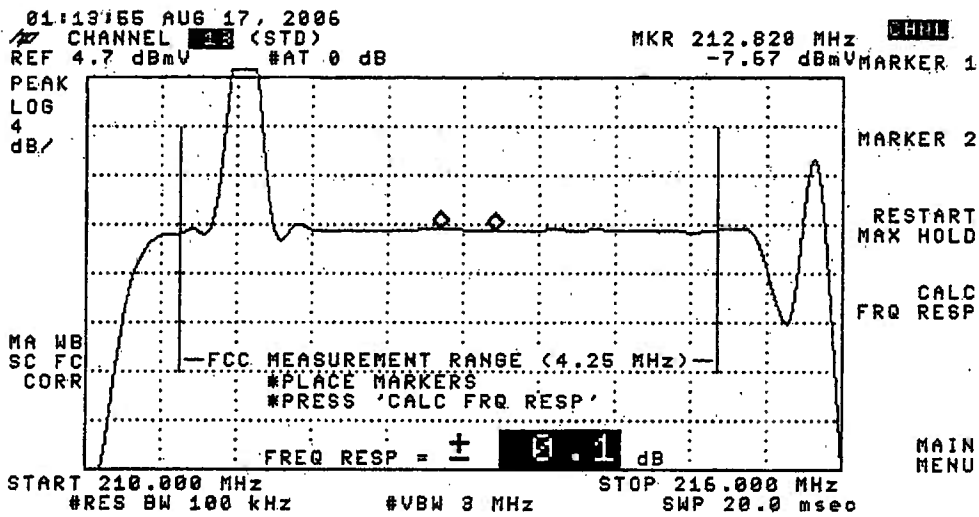
Date : 8/17/2006

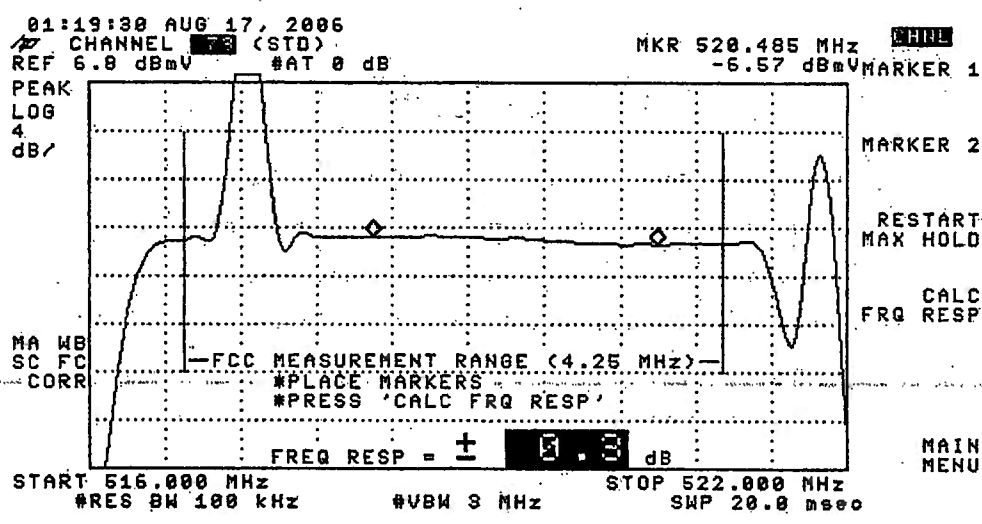
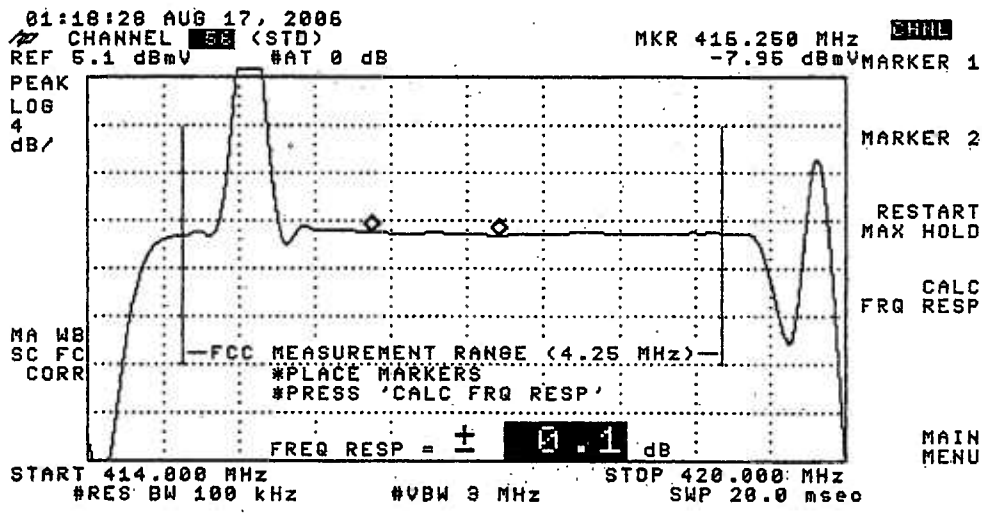
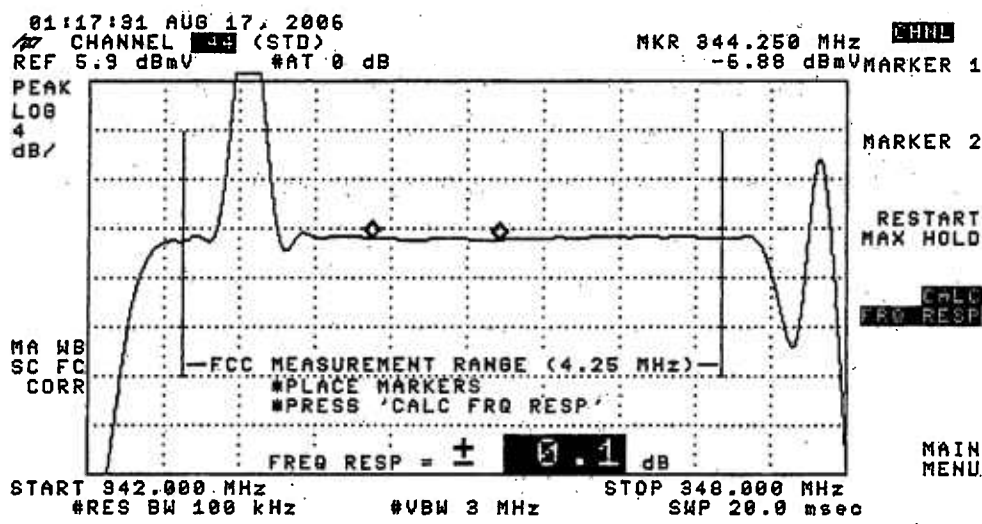
Performed By : Don Palmer

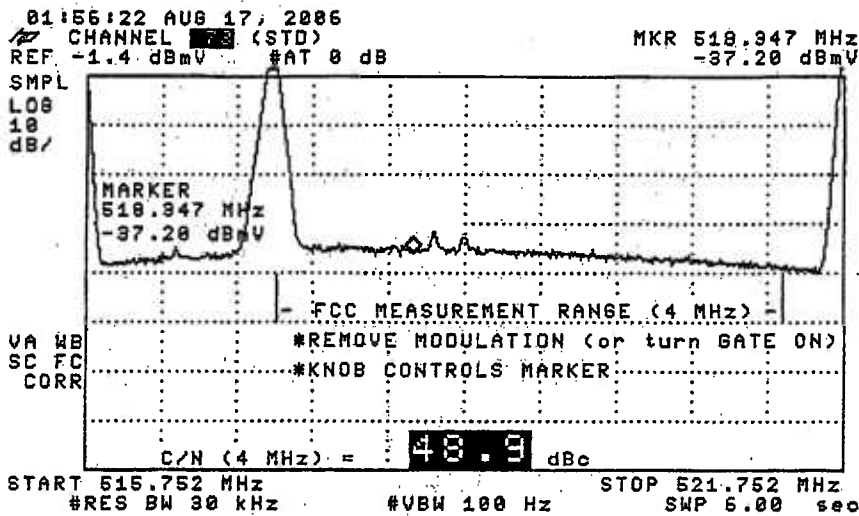
Location : Red School House

(SEE THE ATTACHED SWEEP TRACES)

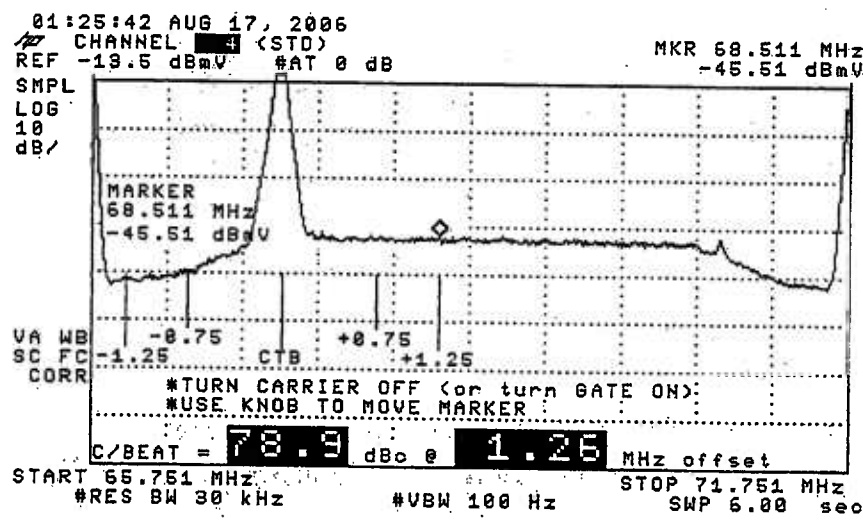




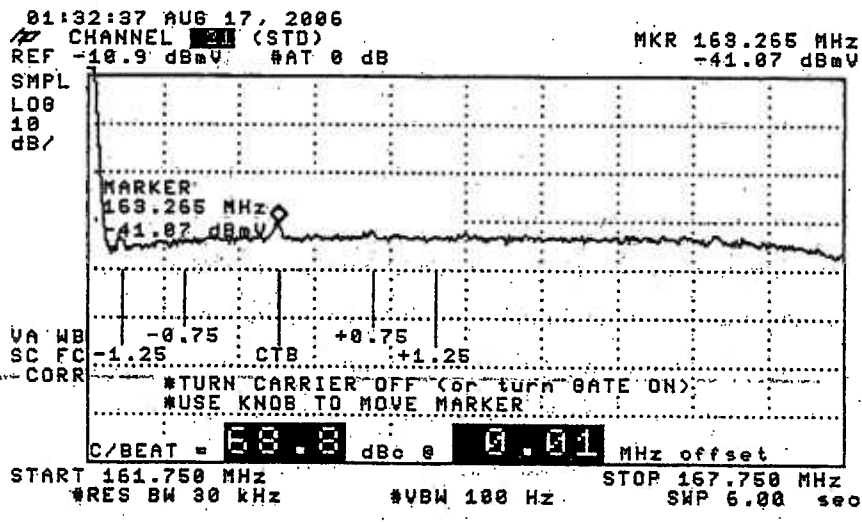




CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

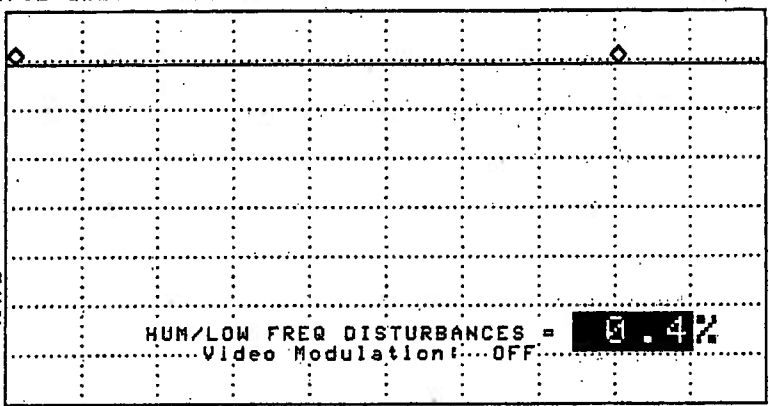
01:05:05 AUG 17, 2006
CHANNEL 5 (STD)
REF 17.2 dBμV #AT 0 dB

MKR 4 89.625 msec
-0.04 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.248 MHz #RES BW 1.0 MHz #VBW 1 kHz
STOP 67.248 MHz #SHP 50.0 msec

TESTPOINT 19, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Red School House
 Date : 08/11/2006 Performed By : Melvin Johnson
 Meter Serial Number : 223239

		TEMP F				TEMP F							
		68.00	78.00	68.00	60.00			68.00	78.00	68.00	60.00		
		TIME				TIME							
		08:06:00	14:05:00	19:55:00	02:09:00			08:06:00	14:05:00	19:55:00	02:09:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	15.10	13.39	13.98	14.04	1.71	DD(40)	319.2625	14.20	12.87	12.88	13.00	1.33
3	61.2500	16.64	14.75	15.34	15.33	1.89	EE(41)	325.2625	14.48	13.17	13.13	13.32	1.35
4	67.2500	16.63	14.99	15.46	15.46	1.64	FF(42)	331.2750	14.43	13.29	13.20	13.43	1.23
5	77.2500	14.78	12.88	13.41	13.49	1.9	GG(43)	337.2625	14.55	13.35	13.28	13.47	1.27
6	83.2500	13.97	12.35	12.84	12.91	1.62	HH(44)	343.2625	14.55	13.48	13.41	13.55	1.14
A-5(95)	91.2500						II(45)	349.2625	14.39	13.66	13.23	13.45	1.16
A-4(96)	97.2500	13.61	11.93	12.35	12.43	1.68	JJ(46)	355.2625	14.96	13.91	13.71	13.85	1.25
A-3(97)	103.2500						KK(47)	361.2625	14.55	13.63	13.53	13.79	1.02
A-2(98)	109.2750						LL(48)	367.2625	15.10	13.74	13.75	14.02	1.36
A-1(99)	115.2750	12.34	10.64	11.19	11.35	1.7	MM(49)	373.2625	14.77	13.48	13.50	13.75	1.29
A(14)	121.2625	12.32	10.75	11.34	11.41	1.57	NN(50)	379.2625	14.55	13.06	13.14	13.36	1.49
B(15)	127.2625	11.95	10.45	10.86	11.03	1.5	OO(51)	385.2625	14.48	13.05	13.14	13.38	1.43
C(16)	133.2625	12.19	10.56	10.94	11.04	1.63	PP(52)	391.2625	14.59	13.13	13.13	13.39	1.46
D(17)	139.2500	12.02	10.43	10.75	10.77	1.59	QQ(53)	397.2625	14.37	12.81	12.86	13.17	1.56
E(18)	145.2500	12.53	11.25	11.55	11.63	1.28	RR(54)	403.2500	14.53	12.96	13.05	13.31	1.57
F(19)	151.3210	15.07	13.48	13.84	13.87	1.59	SS(55)	409.2500	14.20	12.63	12.68	13.00	1.57
G(20)	157.2500	13.38	11.89	12.18	12.18	1.49	TT(56)	415.2500	14.04	12.49	12.52	12.86	1.55
H(21)	163.2500	13.68	12.26	12.51	12.45	1.42	UU(57)	421.2500	13.97	12.35	12.43	12.79	1.62
I(22)	169.2500	13.16	11.71	11.87	11.89	1.45	VV(58)	427.2500	14.30	12.70	12.79	13.06	1.6
7	175.2500	14.04	12.70	12.79	12.82	1.34	WW(59)	433.2500	12.90	11.33	11.32	11.84	1.58
8	181.2500	14.23	13.21	12.99	12.98	1.25	XX(60)	439.2500	12.93	11.29	11.18	11.72	1.75
9	187.2500	14.53	13.27	13.36	13.33	1.26	YY(61)	445.2500	13.35	11.82	11.66	12.26	1.69
10	193.2500	14.71	13.15	13.89	13.43	1.56	ZZ(62)	451.2500	14.18	12.45	12.21	12.85	1.97
11	199.2500	14.79	13.51	13.73	13.65	1.28	63	457.2500	14.64	12.86	12.81	13.32	1.83
12	205.2500	14.77	13.34	13.54	13.52	1.43	64	463.2500	14.73	12.96	13.15	13.46	1.77
13	211.2500	14.21	12.88	12.98	12.99	1.33	65	469.2500	14.71	13.09	13.19	13.51	1.62
J(23)	217.2500	14.41	13.18	13.28	13.23	1.23	66	475.2500					
K(24)	223.2500	14.37	13.20	13.24	13.25	1.17	67	481.2500	14.18	12.68	12.24	13.09	1.94
L(25)	229.2625	14.17	12.97	12.99	12.97	1.2	68	487.2500	14.23	12.60	12.57	13.10	1.66
M(26)	235.2625	14.13	12.95	13.09	13.05	1.18	69	493.2500	14.46	12.77	12.70	13.33	1.76
N(27)	241.2625	14.05	12.87	12.87	12.87	1.18	70	499.2500	14.23	12.53	12.48	13.11	1.75
O(28)	247.2625	14.01	12.80	12.77	12.82	1.24	71	505.2500	14.93	13.33	13.21	13.93	1.72
P(29)	253.2625	14.37	13.16	13.23	13.23	1.21	72	511.2500	14.97	13.31	13.18	13.86	1.79
Q(30)	259.2625	13.81	12.56	12.63	12.61	1.25	73	517.2500	15.38	13.72	13.64	14.28	1.74
R(31)	265.2625	14.00	12.80	12.87	12.85	1.2	74	523.2500	14.95	13.78	13.70	14.37	1.25
S(32)	271.2625	13.76	12.53	12.57	12.64	1.23	75	529.2500	15.04	13.13	13.21	13.83	1.91
T(33)	277.2625	13.57	12.29	12.34	12.40	1.28	76	535.2500	14.79	13.13	12.96	13.63	1.83
U(34)	283.2625	13.29	12.11	12.17	12.21	1.18	77	541.2500	14.93	13.12	13.00	13.73	1.93
V(35)	289.2625	13.42	12.14	12.13	12.22	1.29	78	547.2500	14.96	13.12	12.97	13.69	1.99
W(36)	295.2625	13.79	12.55	12.56	12.66	1.24	79	553.2500					
AA(37)	301.2625	13.92	12.68	12.63	12.76	1.29	80	559.2500	15.32	13.80	13.47	14.13	1.85
BB(38)	307.2625	14.41	13.09	13.09	13.24	1.32	81	565.2500					
CC(39)	313.2625	14.48	13.30	13.21	13.46	1.27							

Max Non Adjacent Channel Level Diff :- 4.71
 Max Adjacent Channel Level Diff :- 2.54
 Max Variance from last proof of performance test :- 3.49
 Date of last proof of performance test :- 01/11/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 20
Hub Name : Oswego
Location : Ridge Rd.
Map Number : 239-5758
Pole Number : 58
D.T. Value : 17-2
OR Number : 258
GNA Cascade : Node + 4
LE Cascade :

TESTPOINT 20, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Ridge Rd.
Date : 08/11/2006 Time : 08:38:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	13.84	-0.79		14.63	DD (40)	319.2625	14.48	0.04		14.44
3	61.2500	15.24	0.21		15.03	EE (41)	325.2625	15.48	1.02		14.46
4	67.2500	14.16	-0.42		14.58	FF (42)	331.2750	15.66	1.11		14.55
5	77.2500	12.79	-2.27		15.06	GG (43)	337.2625	15.43	1.04		14.39
6	83.2500	12.24	-2.03		14.27	HH (44)	343.2625	15.82	1.32		14.5
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	15.54	0.41		15.13
A-4 (96)	97.2500	12.38	-2.73		15.11	JJ (46)	355.2625	15.37	0.39		14.98
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	15.63	0.84		14.79
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	15.12	0.25		14.87
A-1 (99)	115.2750	12.13	-2.06		14.19	MM (49)	373.2625	15.21	0.09		15.12
A (14)	121.2625	12.28	-2.55		14.83	NN (50)	379.2625	14.59	-0.52		14.07
B (15)	127.2625	12.71	-1.87		14.58	OO (51)	385.2625	14.75	0.27		14.48
C (16)	133.2625	11.96	-2.13		14.09	PP (52)	391.2625	14.62	0.51		14.11
D (17)	139.2500	12.52	-0.91		13.43	QQ (53)	397.2625	14.74	-0.06		14.8
E (18)	145.2500	12.89	-2.16		15.05	RR (54)	403.2500	14.50	-0.48		14.98
F (19)	151.3210	14.42	-0.02		14.44	SS (55)	409.2500	13.78	-1.34		15.12
G (20)	157.2500	12.94	-1.63		14.57	TT (56)	415.2500	13.45	-2.27		15.72
H (21)	163.2500	13.29	-1.06		14.35	UU (57)	421.2500	12.61	-2.69		15.3
I (22)	169.2500	13.30	-0.85		14.15	VV (58)	427.2500	12.10	-2.45		14.55
7	175.2500	13.64	-0.10		13.74	WW (59)	433.2500	11.20	-3.90		15.1
8	181.2500	13.96	-0.30		14.26	XX (60)	439.2500	11.12	-3.27		14.39
9	187.2500	13.88	-0.96		14.84	YY (61)	445.2500	11.55	-2.75		14.3
10	193.2500	14.09	-0.58		14.67	ZZ (62)	451.2500	12.48	-1.73		14.21
11	199.2500	14.45	-0.60		15.05	63	457.2500	12.92	-1.24		14.16
12	205.2500	14.53	0.84		13.69	64	463.2500	13.03	-1.25		14.28
13	211.2500	14.49	-0.68		15.17	65	469.2500	13.12	-1.07		14.19
J (23)	217.2500	14.45	0.01		14.44	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	14.27	-1.13		15.4	67	481.2500	13.64	-1.12		14.76
L (25)	229.2625	13.52	-0.52		14.04	68	487.2500	13.76	-0.77		14.53
M (26)	235.2625	13.90	-0.26		14.16	69	493.2500	13.77	-0.23		14
N (27)	241.2625	14.32	0.15		14.17	70	499.2500	14.19	0.05		14.14
O (28)	247.2625	13.62	-0.92		14.54	71	505.2500	14.42	-0.20		14.62
P (29)	253.2625	15.12	1.02		14.1	72	511.2500	14.54	-0.36		14.9
Q (30)	259.2625	14.31	-0.50		14.81	73	517.2500	14.73	0.19		14.54
R (31)	265.2625	14.54	-1.35		15.89	74	523.2500	14.69	-0.31		15
S (32)	271.2625	15.86	1.91		13.95	75	529.2500	14.65	0		14.65
T (33)	277.2625	15.04	0.77		14.27	76	535.2500	13.95	-0.38		14.33
U (34)	283.2625	14.96	0.59		14.37	77	541.2500	13.93	-0.61		14.54
V (35)	289.2625	15.01	-0.29		15.3	78	547.2500	15.21	0.20		15.01
W (36)	295.2625	15.27	0.62		14.65	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	15.64	1.26		14.38	80	559.2500	15.22	0.94		14.28
BB (38)	307.2625	15.41	1.10		14.31	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.77	1.78		13.99						

Min Channel	:	XX(60)	11.120
Max Channel	:	S(32)	15.860
Peak to Valley	:	4.74	

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST**

System Name : Syracuse
Performed By : Benny LaRocca
Location : Ridge Rd.

Date : 8/17/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.9	71.8	78.7	0.6
16	0.1	47.6	68.5	75.0	
21	0.2	48.0	66.8	77.5	
13	0.2	49.0	68.4	77.7	
36	0.2	48.5	66.5	74.0	
41	0.3	48.9	66.7	73.0	
44	0.1	48.8	67.6	74.2	
56	0.2	49.2	66.2	68.0	
73	0.4	49.0	68.1	65.7	

TESTPOINT 20, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

System Name : Syracuse

Date : 8/17/2006

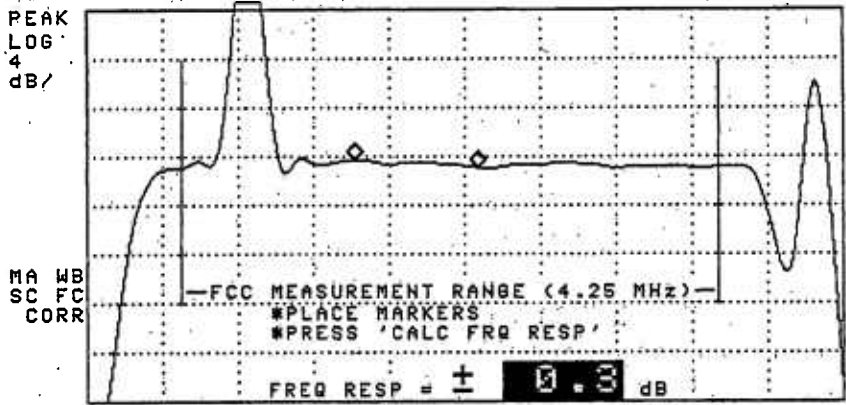
Performed By : Benny LaRocca

Location : Ridge Rd.

(SEE THE ATTACHED SWEEP TRACES)

02:31:25 AUG 17, 2006
CHANNEL 1 (STD)
REF 6.4 dBmV #AT 0 dB
PEAK
LOG
4
dB/

MKR 68.130 MHz CHNL
-5.96 dBmV MARKER 1

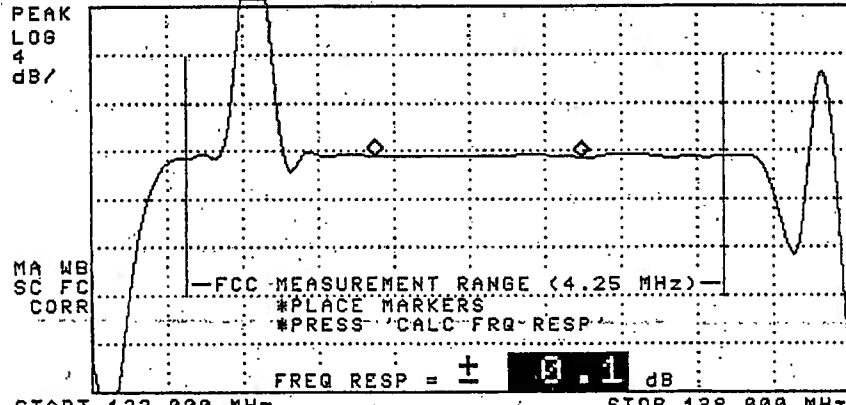


START 66.000 MHz STOP 72.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

MAIN
MENU

02:32:31 AUG 17, 2006
CHANNEL 1 (STD)
REF 4.5 dBmV #AT 0 dB
PEAK
LOG
4
dB/

MKR 135.885 MHz CHNL
-8.14 dBmV MARKER 1

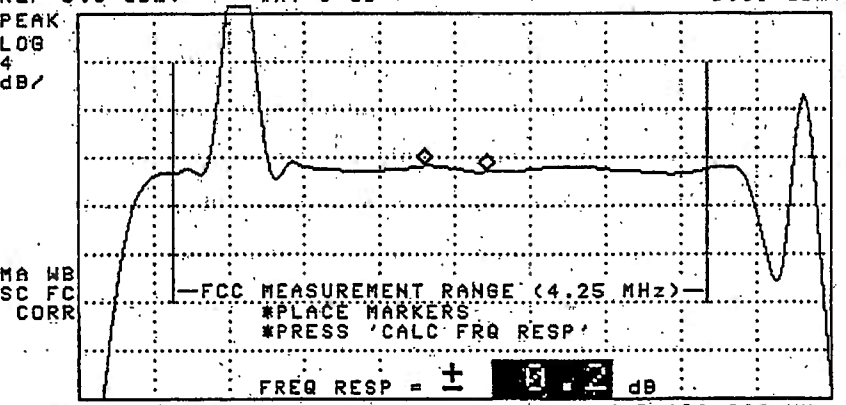


START 132.000 MHz STOP 138.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

MAIN
MENU

02:33:57 AUG 17, 2006
CHANNEL 1 (STD)
REF 6.0 dBmV #AT 0 dB
PEAK
LOG
4
dB/

MKR 164.760 MHz CHNL
-6.69 dBmV MARKER 1



START 162.000 MHz STOP 168.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

MAIN
MENU

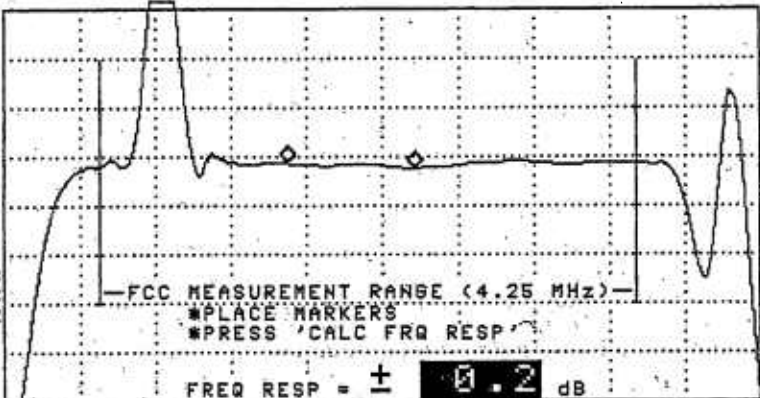
02:34:49 AUG 17, 2006
CHANNEL 13 (STD)
REF 6.7 dBmV #AT 0 dB

MKR 212.250 MHz
-5.88 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 210.000 MHz #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec
STOP 216.000 MHz



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

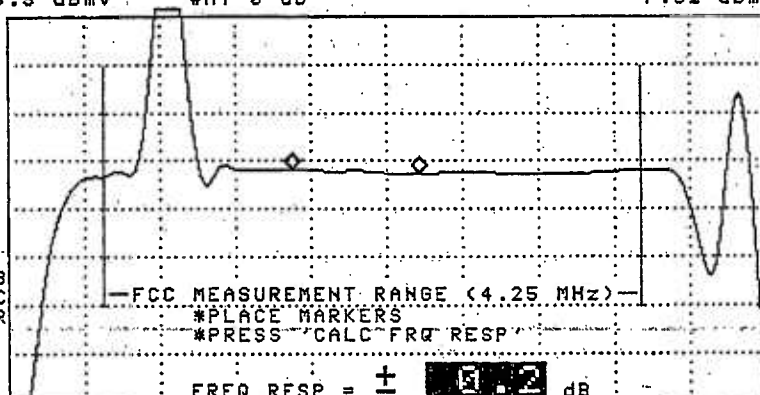
02:35:43 AUG 17, 2006
CHANNEL 33 (STD)
REF 5.3 dBmV #AT 0 dB

MKR 296.250 MHz
-7.51 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 294.000 MHz #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec
STOP 300.000 MHz



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

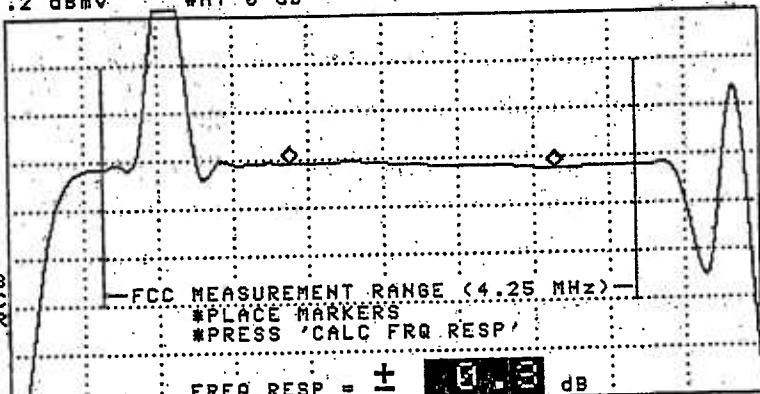
02:36:53 AUG 17, 2006
CHANNEL 43 (STD)
REF 5.2 dBmV #AT 0 dB

MKR 328.365 MHz
-7.68 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR

START 324.000 MHz #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec
STOP 330.000 MHz



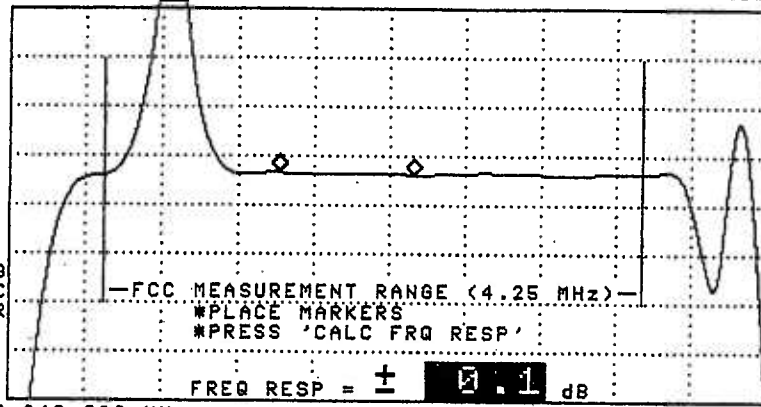
MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP
MAIN
MENU

02:37:42 AUG 17, 2006
CHANNEL 44 (STD)
REF 8.5 dBmV #AT 0 dB

MKR 345.195 MHz **CH10**
-5.11 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP

MAIN
MENU

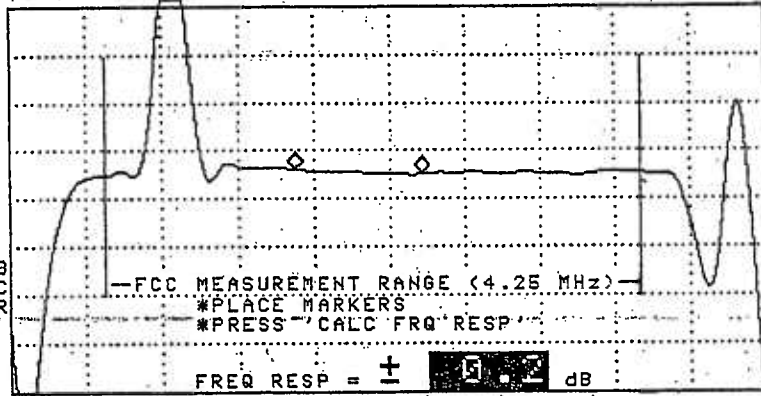
START 342.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 348.000 MHz SWP 20.0 msec

02:38:31 AUG 17, 2006
CHANNEL 55 (STD)
REF 6.4 dBmV #AT 0 dB

MKR 415.250 MHz **CH11**
-7.23 dBmV MARKER 1

PEAK
LOG
4
dB/

MA WB
SC FC
CORR



MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP

MAIN
MENU

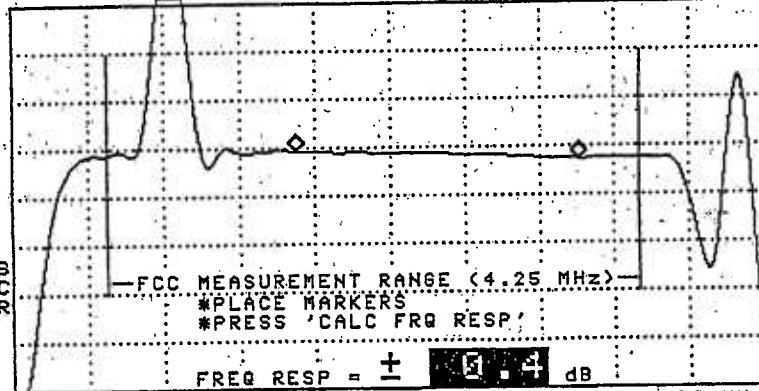
START 414.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 420.000 MHz SWP 20.0 msec

02:40:14 AUG 17, 2006
CHANNEL 55 (STD)
REF 5.9 dBmV #AT 0 dB

MKR 520.515 MHz **CH11**
-7.18 dBmV MARKER 1

PEAK
LOG
4
dB/

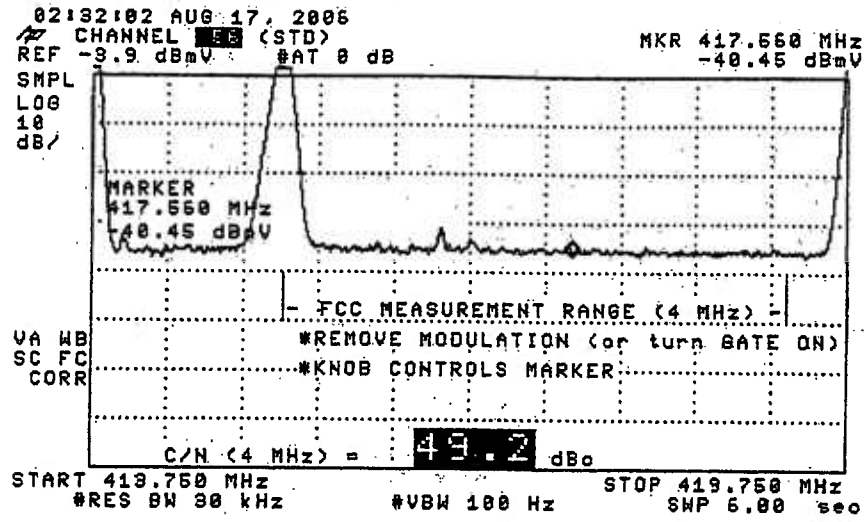
MA WB
SC FC
CORR



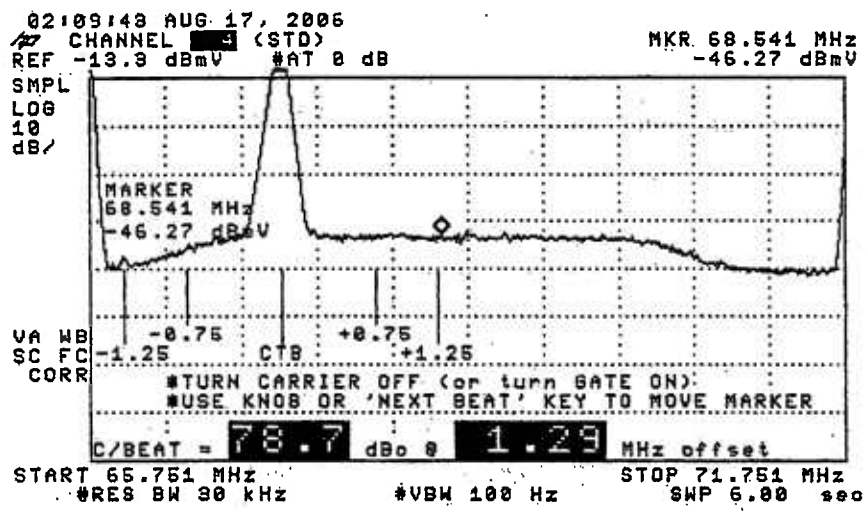
MARKER 2
RESTART
MAX HOLD
CALC
FRQ RESP

MAIN
MENU

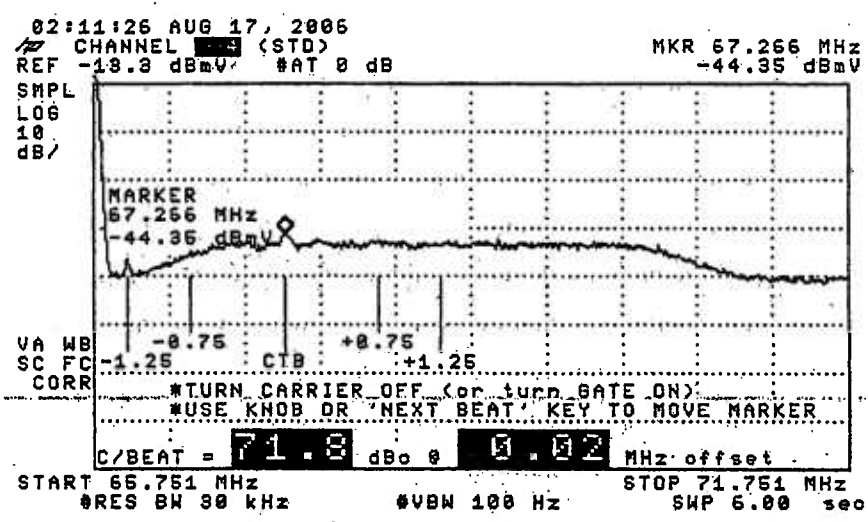
START 516.000 MHz #RES BW 100 kHz #VBW 3 MHz STOP 522.000 MHz SWP 20.0 msec



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 MORE INFO
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU



CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 NEXT BEAT
 More
 MAIN MENU

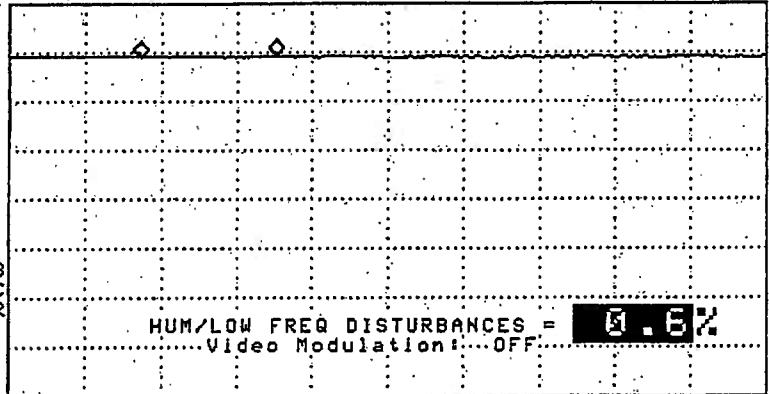
02:30:16 AUG 17, 2006
CHANNEL 4 (STD)
REF 17.1 dBmV #AT 0 dB

MKR Δ -9.0000 msec
-.05 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 67.238 MHz STOP 67.238 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec

TESTPOINT 20, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse Test Location : Ridge Rd.
 Date : 08/11/2006 Performed By : Melvin Johnson
 Meter Serial Number : 223239

		TEMP F						TEMP F					
		71.00	76.00	67.00	60.00			71.00	76.00	67.00	60.00		
		TIME						TIME					
		08:38:00	14:46:00	20:26:00	02:43:00			08:38:00	14:46:00	20:26:00	02:43:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	13.84	11.77	13.17	13.60	2.07	DD(40)	319.2625	14.48	13.46	13.85	14.55	1.09
3	61.2500	15.24	13.25	14.61	15.05	1.99	BB(41)	325.2625	15.48	14.48	14.79	15.55	1.07
4	67.2500	14.16	12.46	13.56	14.00	1.7	FF(42)	331.2750	15.66	14.54	15.01	15.27	1.12
5	77.2500	12.79	11.38	12.25	12.84	1.46	GG(43)	337.2625	15.43	14.26	14.71	15.44	1.18
6	83.2500	12.24	10.44	11.68	12.21	1.8	HH(44)	343.2625	15.82	14.70	15.13	15.79	1.12
A-5(95)	91.2500						II(45)	349.2625	15.54	14.56	14.87	15.61	1.05
A-4(96)	97.2500	12.38	10.80	11.72	12.43	1.63	JJ(46)	355.2625	15.37	14.40	14.70	15.32	0.97
A-3(97)	103.2500						KK(47)	361.2625	15.63	14.68	14.98	15.61	0.95
A-2(98)	109.2750						LL(48)	367.2625	15.12	14.23	14.46	15.10	0.89
A-1(99)	115.2750	12.13	10.74	11.48	12.27	1.53	MM(49)	373.2625	15.21	14.46	14.61	15.22	0.76
A(14)	121.2625	12.28	11.32	11.58	12.37	1.05	NN(50)	379.2625	14.59	13.79	14.07	14.59	0.8
B(15)	127.2625	12.71	11.41	12.00	12.80	1.39	OO(51)	385.2625	14.75	13.79	14.13	14.71	0.96
C(16)	133.2625	11.96	10.70	11.28	12.06	1.36	PP(52)	391.2625	14.62	13.94	14.12	14.69	0.75
D(17)	139.2500	12.52	11.27	11.82	12.57	1.3	QQ(53)	397.2625	14.74	14.00	14.20	14.80	0.8
E(18)	145.2500	12.89	11.47	12.29	12.80	1.42	RR(54)	403.2500	14.50	13.70	13.88	14.58	0.88
F(19)	151.3210	14.42	13.07	13.78	14.34	1.35	SS(55)	409.2500	13.78	13.08	13.17	13.93	0.85
G(20)	157.2500	12.94	11.72	12.43	13.02	1.3	TT(56)	415.2500	13.45	12.73	12.91	13.57	0.84
H(21)	163.2500	13.29	11.92	12.63	13.18	1.37	UU(57)	421.2500	12.61	11.74	12.00	12.70	0.96
I(22)	169.2500	13.30	12.18	12.71	12.88	1.12	VV(58)	427.2500	12.10	11.59	11.79	12.59	1
7	175.2500	13.64	12.79	13.01	13.60	0.85	WW(59)	433.2500	11.20	10.20	10.51	11.33	1.13
8	181.2500	13.96	12.84	13.43	13.93	1.12	XX(60)	439.2500	11.12	10.11	10.52	11.21	1.1
9	187.2500	13.88	12.71	13.35	13.83	1.17	YY(61)	445.2500	11.55	10.65	10.54	11.73	1.19
10	193.2500	14.09	12.73	13.61	14.07	1.36	ZZ(62)	451.2500	12.48	11.58	11.81	12.67	1.09
11	199.2500	14.45	13.56	13.85	14.41	0.89	63	457.2500	12.92	12.11	12.29	13.18	1.07
12	205.2500	14.53	13.44	14.01	14.52	1.09	64	463.2500	13.03	12.31	12.50	13.40	1.09
13	211.2500	14.49	13.61	13.99	14.53	0.92	65	469.2500	13.12	12.30	12.03	13.36	1.33
J(23)	217.2500	14.45	13.73	13.87	14.48	0.75	66	475.2500					
K(24)	223.2500	14.27	13.53	13.57	14.20	0.74	67	481.2500	13.64	12.67	12.96	13.89	1.22
L(25)	229.2625	13.52	12.95	13.21	13.72	0.77	68	487.2500	13.76	12.94	13.05	14.11	1.17
M(26)	235.2625	13.90	13.11	13.46	14.09	0.98	69	493.2500	13.77	13.29	13.33	14.30	1.01
N(27)	241.2625	14.32	13.67	13.83	14.45	0.78	70	499.2500	14.19	13.39	13.61	14.50	1.11
O(28)	247.2625	13.62	12.83	13.06	13.62	0.79	71	505.2500	14.42	13.84	13.71	14.73	1.02
P(29)	253.2625	15.12	14.26	14.58	15.20	0.94	72	511.2500	14.54	13.86	13.80	14.80	1
Q(30)	259.2625	14.31	13.86	13.75	14.32	0.57	73	517.2500	14.73	13.97	14.06	14.99	1.02
R(31)	265.2625	14.54	14.01	14.01	14.58	0.57	74	523.2500	14.69	13.78	14.00	14.93	1.15
S(32)	271.2625	15.86	15.29	15.24	15.88	0.64	75	529.2500	14.65	13.69	13.87	14.74	1.05
T(33)	277.2625	15.04	14.31	14.54	15.09	0.78	76	535.2500	13.95	13.01	13.26	14.09	1.08
U(34)	283.2625	14.96	14.15	14.45	14.96	0.81	77	541.2500	13.93	13.16	13.30	14.20	1.04
V(35)	289.2625	15.01	14.29	14.46	15.07	0.78	78	547.2500	15.21	14.45	14.49	15.42	0.97
W(36)	295.2625	15.27	14.54	14.62	15.29	0.75	79	553.2500					
AA(37)	301.2625	15.64	14.98	15.07	15.74	0.76	80	559.2500	15.22	14.47	14.54	15.39	0.92
BB(38)	307.2625	15.41	14.54	14.77	15.55	1.01	81	565.2500					
CC(39)	313.2625	15.77	15.04	15.09	15.84	0.8							

Max Non Adjacent Channel Level Diff :- 5.18
 Max Adjacent Channel Level Diff :- 1.6
 Max Variance from last proof of performance test :- 4.18
 Date of last proof of performance test :- 01/11/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TESTPOINT 21, PAGE 1

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Syracuse
System Test Point # : 21
Hub Name : Oswego
Location : Rathburn Rd.
Map Number : 233-5754
Pole Number : p12
D.T. Value : 20-2
OR Number : 259
GNA Cascade : Node + 5
LE Cascade :

TESTPOINT 21, PAGE 2

TIME WARNER CABLE - SYRACUSE DIVISION

**VISUAL CARRIER LEVEL
VISUAL / AURAL LEVEL DIFFERENCE
(at Test Point, at the end of a 100' Drop)**

System Name : Syracuse Test Location : Rathburn Rd.
Date : 08/11/2006 Time : 08:52:00

CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)	CHANNEL	FREQ (MHZ)	VISUAL LEVEL (DBMV)	AURAL LEVEL (DBMV)	SC "S"	DIFF (DBMV)
2	55.2500	14.31	0.43		13.88	DD (40)	319.2625	14.67	0.54		14.13
3	61.2500	16.26	1.41		14.85	EE (41)	325.2625	15.90	1.21		14.69
4	67.2500	15.59	1.15		14.44	FF (42)	331.2750	16.27	1.64		14.63
5	77.2500	14.72	-0.70		15.42	GG (43)	337.2625	16.27	1.83		14.44
6	83.2500	13.85	-0.32		14.17	HH (44)	343.2625	16.33	1.86		14.47
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	16.04	0.74		15.3
A-4 (96)	97.2500	14.02	-0.94		14.96	JJ (46)	355.2625	15.84	0.69		15.15
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	15.57	0.59		14.98
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	15.10	0.50		14.6
A-1 (99)	115.2750	14.16	-0.07		14.23	MM (49)	373.2625	15.51	0.58		14.93
A (14)	121.2625	14.34	-0.39		14.73	NN (50)	379.2625	15.16	1.10		14.06
B (15)	127.2625	14.76	0.46		14.3	OO (51)	385.2625	15.34	0.36		14.98
C (16)	133.2625	14.15	-0.14		14.29	PP (52)	391.2625	14.07	0.36		13.71
D (17)	139.2500	14.09	0.59		13.5	QQ (53)	397.2625	15.00	0.02		14.98
E (18)	145.2500	14.58	-0.71		15.29	RR (54)	403.2500	14.82	0.02		14.8
F (19)	151.3210	16.05	1.73		14.32	SS (55)	409.2500	14.59	-0.64		15.23
G (20)	157.2500	14.11	-0.21		14.32	TT (56)	415.2500	13.71	-1.92		15.63
H (21)	163.2500	14.35	0.26		14.09	UU (57)	421.2500	12.64	-2.42		15.06
I (22)	169.2500	14.46	0.49		13.97	VV (58)	427.2500	12.83	-1.95		14.78
7	175.2500	14.89	1.02		13.87	WW (59)	433.2500	11.52	-3.37		14.89
8	181.2500	14.95	0.82		14.13	XX (60)	439.2500	11.73	-2.31		14.04
9	187.2500	15.05	-0.13		15.18	YY (61)	445.2500	12.32	-2.07		14.39
10	193.2500	14.61	0.28		14.33	ZZ (62)	451.2500	13.25	-1.05		14.3
11	199.2500	15.43	1.77		13.66	63	457.2500	13.89	-0.23		14.12
12	205.2500	15.47	1.42		14.05	64	463.2500	14.39	-0.36		14.75
13	211.2500	15.04	-0.65		15.69	65	469.2500	13.92	-0.41		14.33
J (23)	217.2500	14.81	0.38		14.43	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	14.37	-0.43		14.8	67	481.2500	14.42	-0.48		14.9
L (25)	229.2625	14.65	0.13		14.52	68	487.2500	14.48	-0.57		15.05
M (26)	235.2625	14.83	0.27		14.56	69	493.2500	14.41	-0.04		14.45
N (27)	241.2625	14.82	0.28		14.54	70	499.2500	14.40	0.42		13.98
O (28)	247.2625	13.82	-0.76		14.58	71	505.2500	14.73	-0.02		14.75
P (29)	253.2625	15.13	0.81		14.32	72	511.2500	14.64	-0.71		15.35
Q (30)	259.2625	14.27	-0.88		15.15	73	517.2500	14.80	0		14.8
R (31)	265.2625	14.27	0.73		13.54	74	523.2500	13.96	-0.67		14.63
S (32)	271.2625	15.36	1.55		13.81	75	529.2500	14.05	-1.00		15.05
T (33)	277.2625	14.62	0.41		14.21	76	535.2500	13.02	-1.75		14.77
U (34)	283.2625	14.44	0.02		14.42	77	541.2500	12.61	-2.25		14.86
V (35)	289.2625	14.91	-0.04		14.95	78	547.2500	13.56	-1.99		15.55
W (36)	295.2625	15.34	0.86		14.48	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	15.92	1.66		14.26	80	559.2500	12.55	-1.52		14.07
BB (38)	307.2625	16.15	1.64		14.51	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	16.08	2.44		13.64						

Min Channel	WW(59)	11.520
Max Channel	HH(44)	16.330
Peak to Valley	4.81	

TESTPOINT 21, PAGE 3

TIME WARNER CABLE - SYRACUSE DIVISION

IN CHANNEL RESPONSE TEST
CARRIER - TO - NOISE TEST
COHERENT DISTURBANCES TEST
LOW FREQUENCY DISTURBANCES TEST

System Name : Syracuse
Performed By : Benny LaRocca
Location : Rathburn Rd.

Date : 8/17/2006

Note: Make Measurements through a 100 ft. test drop cable without converter.

CHANNEL NUMBER	IN CHANNEL RESPONSE (+/- DB)	CARRIER TO NOISE RATIO (DB)	DISTORTIONS (-DBC) CTB	CSO	HUM (%)
4	0.3	48.8	68.2	77.4	0.3
16	0.2	48.2	67.1	76.6	
21	0.2	48.4	63.2	75.5	
13	0.1	48.3	62.0	73.1	
36	0.2	49.5	62.5	70.4	
41	0.2	49.6	63.5	70.8	
44	0.1	49.5	63.8	71.5	
56	0.1	48.6	61.2	67.2	
73	0.3	49.0	61.7	74.0	

TESTPOINT 21, PAGE 4

TIME WARNER CABLE - SYRACUSE DIVISION

**IN CHANNEL FREQUENCY RESPONSE TEST
(76.605) (a) (6)**

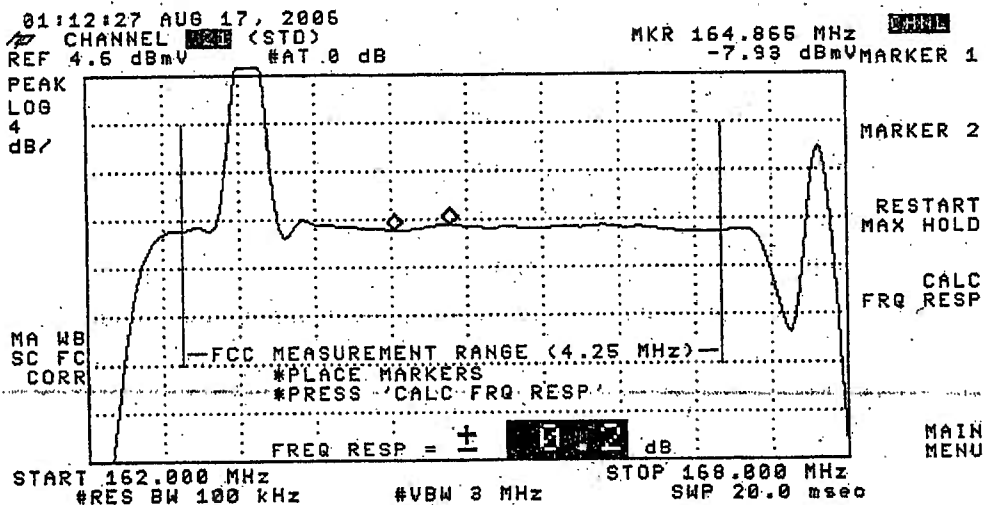
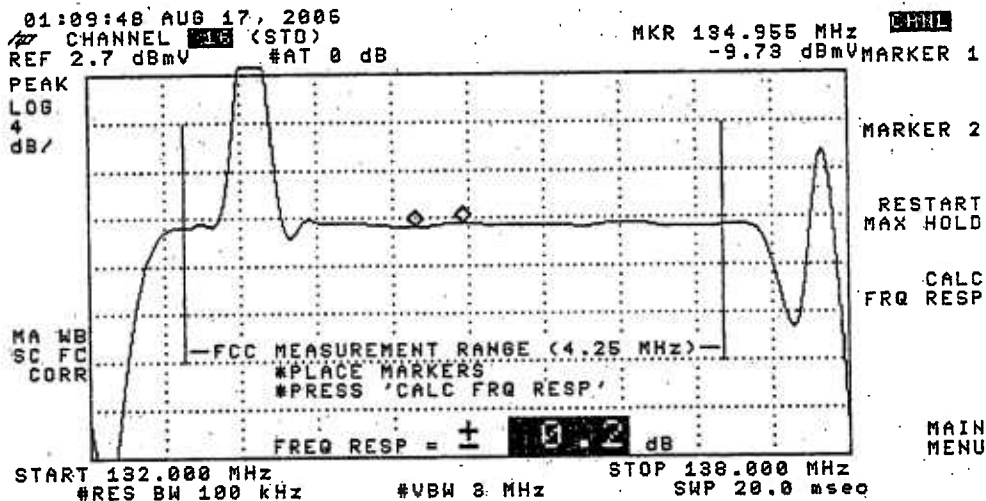
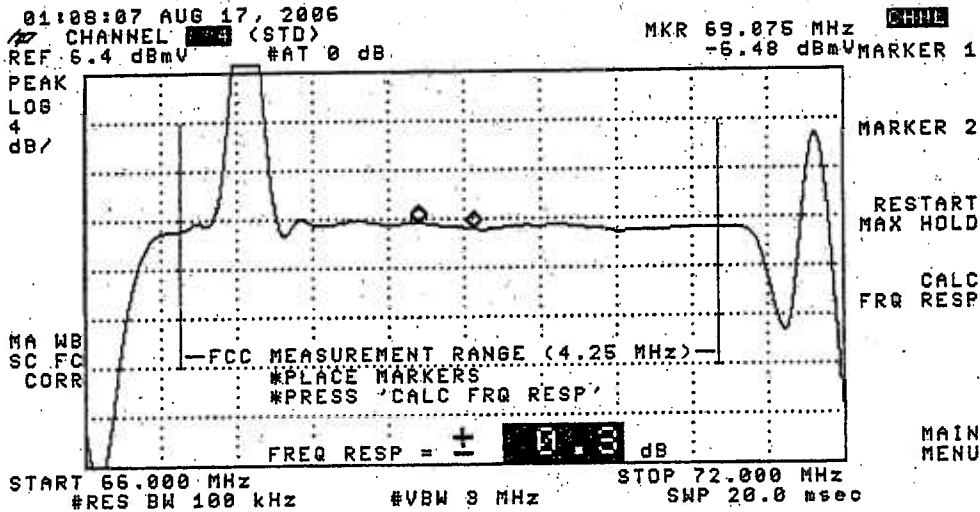
System Name : Syracuse

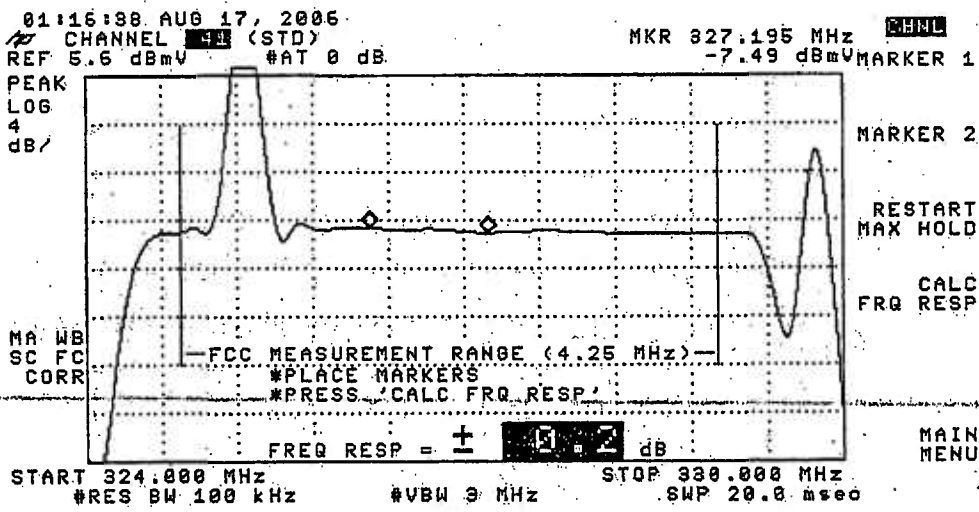
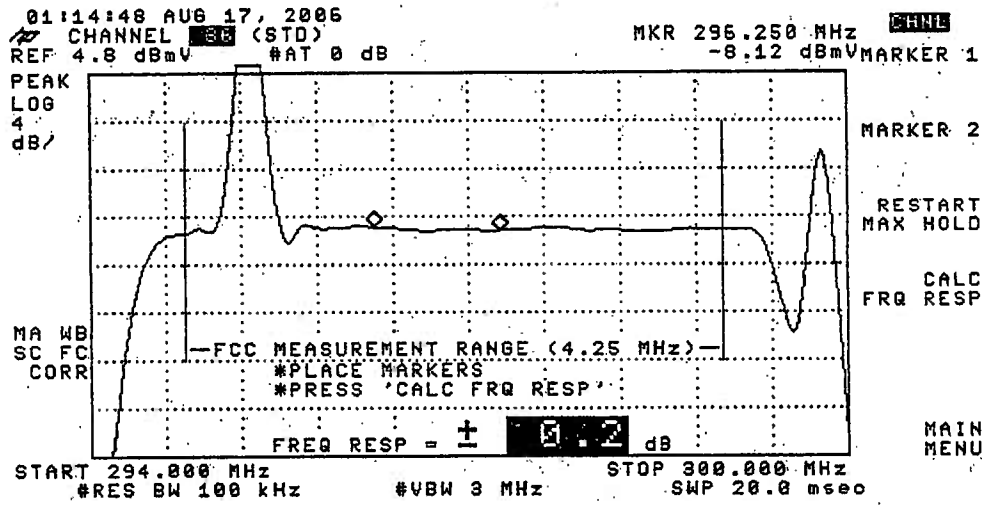
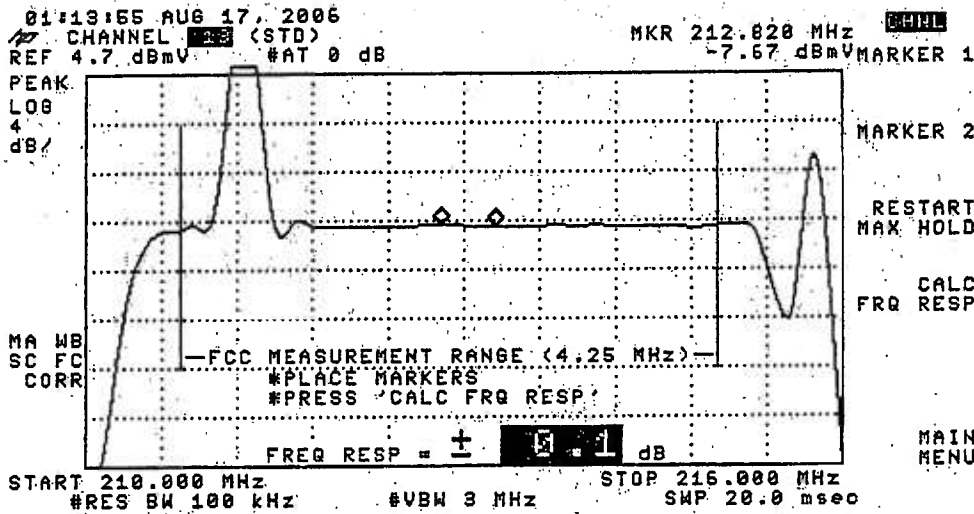
Date : 8/17/2006

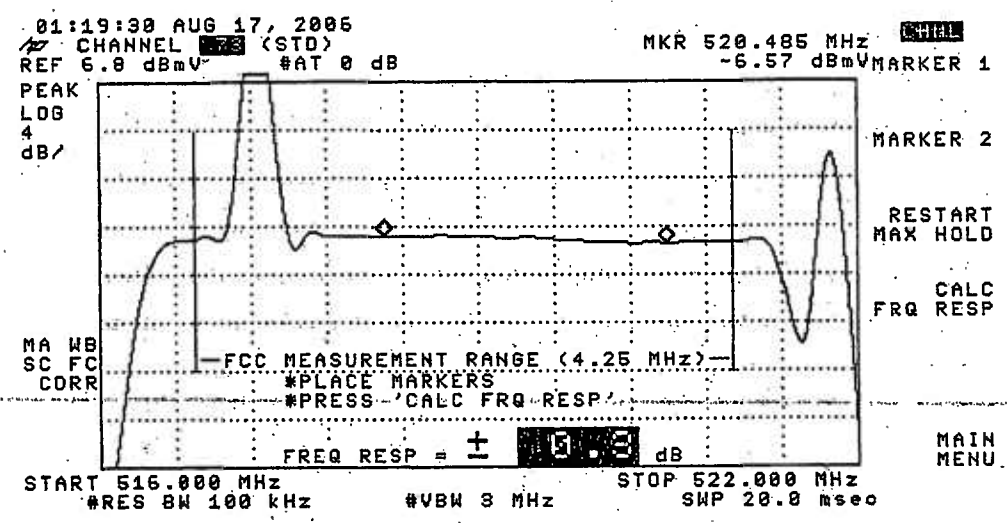
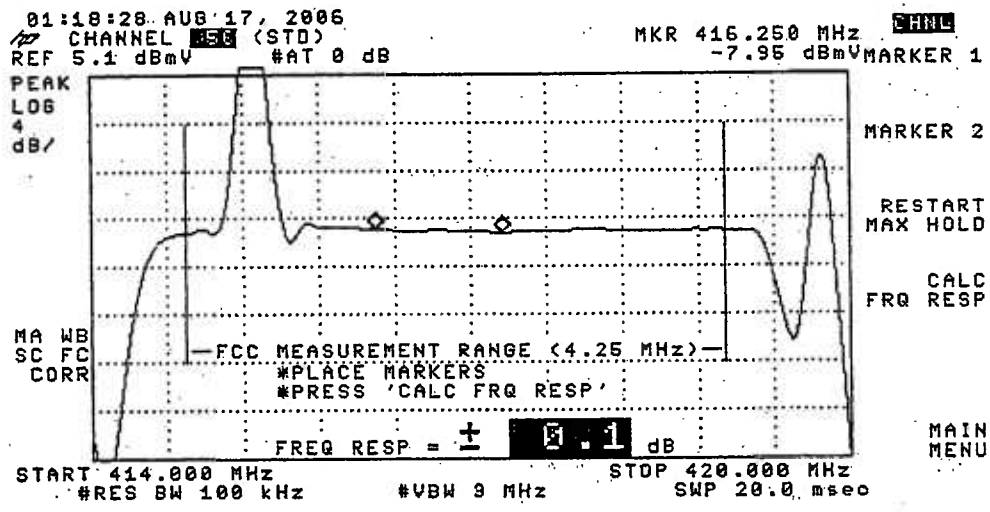
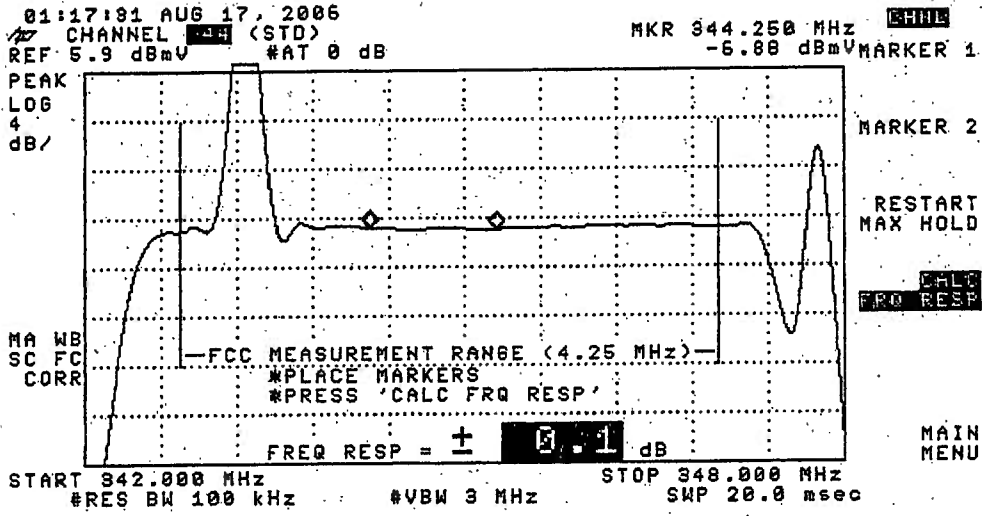
Performed By : Benny LaRocca

Location : Rathburn Rd.

(SEE THE ATTACHED SWEEP TRACES)





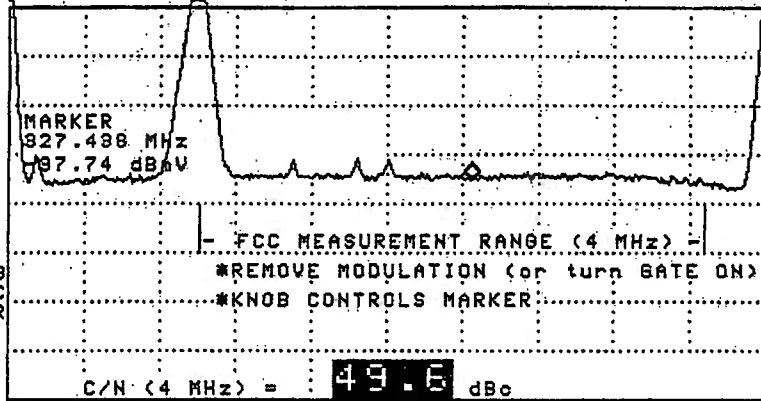


01:07:36 AUG 17, 2006
CHANNEL 1 (STD)
REF -2.6 dBmV #AT 0 dB

MKR 327.438 MHz
-37.74 dBmV

SMPL
LOG
10
dB/

VA WB
SC FC
CORR



START 329.769 MHz #RES BW 30 kHz #VBW 100 Hz STOP 329.769 MHz SWP 6.00 sec

CHNL
GATE
ON OFF
AVERAGE
ON OFF

MORE
INFO
More

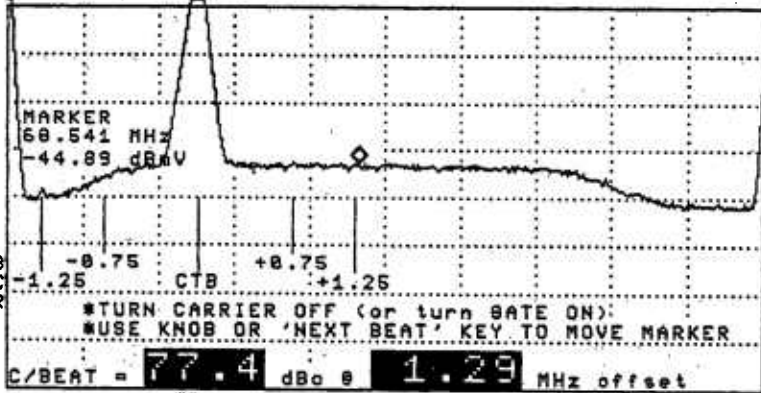
MAIN
MENU

00:53:20 AUG 17, 2006
CHANNEL 2 (STD)
REF -12.0 dBmV #AT 0 dB

MKR 68.541 MHz
-44.89 dBmV

SMPL
LOG
10
dB/

VA WB
SC FC
CORR



START 65.751 MHz #RES BW 30 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

CHNL
GATE
ON OFF
AVERAGE
ON OFF

ZOOM &
MEASURE

NEXT
BEAT
More

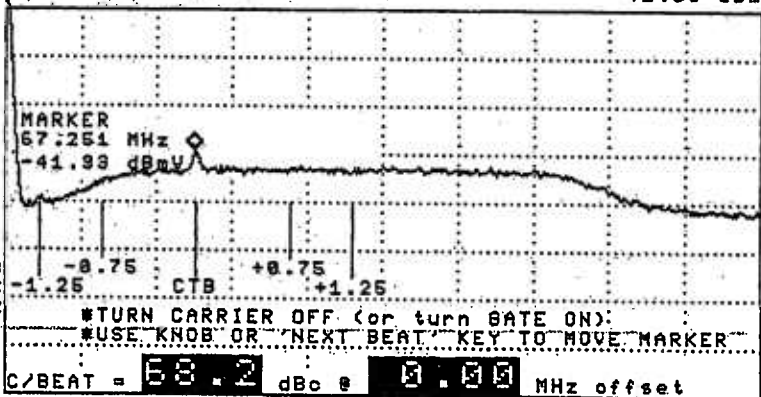
MAIN
MENU

00:53:30 AUG 17, 2006
CHANNEL 3 (STD)
REF -12.0 dBmV #AT 0 dB

MKR 67.251 MHz
-41.93 dBmV

SMPL
LOG
10
dB/

VA WB
SC FC
CORR



START 65.751 MHz #RES BW 30 kHz #VBW 100 Hz STOP 71.751 MHz SWP 6.00 sec

CHNL
GATE
ON OFF
AVERAGE
ON OFF

ZOOM &
MEASURE

NEXT
BEAT
More

MAIN
MENU

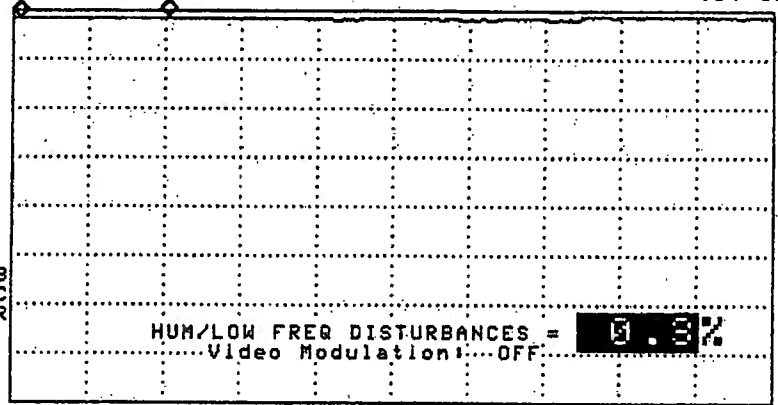
00:01:57 AUG 17, 2006
CHANNEL 1 (STD)
REF 17.2 dBmV #AT 0 dB

MKR Δ -9.7500 msec
-.04 dB

CHNL

PEAK
LOG
1
dB/

NA SB
SC TC
CORR



MORE
INFO

MAIN
MENU

START 67.255 MHz #RES BW 1.0 MHz #VBW 1 kHz
STOP 67.255 MHz #SWP 50.0 msec

TESTPOINT 21, PAGE 5

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Syracuse
Date : 08/11/2006
Meter Serial Number : 223239

Test Location : Rathburn Rd.
Performed By : Melvin Johnson

		TEMP F						TEMP F					
		73.00	75.00	66.00	61.00			73.00	75.00	66.00	61.00		
		TIME						TIME					
		08:52:00	15:01:00	20:39:00	02:56:00			08:52:00	15:01:00	20:39:00	02:56:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.31	13.83	13.97	14.25	0.48	DD(40)	319.2625	14.67	14.70	14.42	14.97	0.55
3	61.2500	16.26	15.95	16.04	16.32	0.37	EE(41)	325.2625	15.90	15.49	15.20	15.80	0.7
4	67.2500	15.59	15.20	15.24	15.55	0.39	FF(42)	331.2750	16.27	15.75	15.52	16.15	0.75
5	77.2500	14.72	14.32	14.45	14.80	0.48	GG(43)	337.2625	16.27	15.81	15.54	16.16	0.73
6	83.2500	13.85	13.40	13.54	13.89	0.49	HH(44)	343.2625	16.33	15.82	15.59	16.17	0.74
A-5(95)	91.2500						II(45)	349.2625	16.04	15.52	15.25	15.88	0.79
A-4(96)	97.2500	14.02	13.43	13.48	13.94	0.59	JJ(46)	355.2625	15.84	15.21	15.04	15.69	0.8
A-3(97)	103.2500						KK(47)	361.2625	15.57	14.93	14.78	15.66	0.88
A-2(98)	109.2750						LL(48)	367.2625	15.10	14.98	14.81	15.90	1.09
A-1(99)	115.2750	14.16	13.65	13.63	14.22	0.59	MM(49)	373.2625	15.51	15.02	14.79	15.89	1.1
A(14)	121.2625	14.34	13.90	13.88	14.55	0.67	NN(50)	379.2625	15.16	14.64	14.37	15.45	1.08
B(15)	127.2625	14.76	14.35	14.20	14.96	0.76	OO(51)	385.2625	15.34	14.84	14.55	15.61	1.06
C(16)	133.2625	14.15	13.69	13.62	14.38	0.76	PP(52)	391.2625	14.07	13.63	13.23	14.36	1.13
D(17)	139.2500	14.09	13.80	13.66	14.18	0.52	QQ(53)	397.2625	15.00	14.53	14.09	15.39	1.3
E(18)	145.2500	14.58	14.16	14.07	14.77	0.7	RR(54)	403.2500	14.82	14.32	13.96	15.28	1.32
F(19)	151.3210	16.05	15.67	15.56	16.26	0.7	SS(55)	409.2500	14.59	14.10	13.71	14.92	1.21
G(20)	157.2500	14.11	13.71	13.62	14.35	0.73	TT(56)	415.2500	13.71	13.20	12.78	14.08	1.3
H(21)	163.2500	14.35	13.95	13.79	14.58	0.79	UU(57)	421.2500	12.64	12.17	11.80	12.95	1.15
I(22)	169.2500	14.46	14.09	13.93	14.66	0.73	VV(58)	427.2500	12.83	12.30	11.88	13.16	1.28
7	175.2500	14.89	14.63	14.41	15.13	0.72	WW(59)	433.2500	11.52	10.92	10.36	11.94	1.38
8	181.2500	14.95	14.74	14.60	15.23	0.63	XX(60)	439.2500	11.73	11.13	10.77	12.16	1.39
9	187.2500	15.05	14.54	14.26	14.88	0.79	YY(61)	445.2500	12.32	11.68	11.21	12.68	1.47
10	193.2500	14.61	14.39	14.44	14.96	0.57	ZZ(62)	451.2500	13.25	12.68	12.21	13.57	1.36
11	199.2500	15.43	15.11	14.98	15.66	0.68	63	457.2500	13.89	13.29	12.84	14.22	1.38
12	205.2500	15.47	15.16	15.05	15.61	0.56	64	463.2500	14.39	13.84	13.34	14.76	1.42
13	211.2500	15.04	14.71	14.57	15.28	0.71	65	469.2500	13.92	13.25	12.83	14.28	1.45
J(23)	217.2500	14.81	14.52	14.42	15.07	0.65	66	475.2500					
K(24)	223.2500	14.37	14.08	13.99	14.58	0.59	67	481.2500	14.42	13.70	13.18	14.66	1.48
L(25)	229.2625	14.65	14.27	14.27	14.91	0.64	68	487.2500	14.48	13.84	13.39	14.80	1.41
M(26)	235.2625	14.83	14.55	14.01	15.05	1.04	69	493.2500	14.41	13.72	13.34	14.70	1.36
N(27)	241.2625	14.82	14.57	14.50	15.16	0.66	70	499.2500	14.40	13.70	13.48	14.73	1.25
O(28)	247.2625	13.82	13.55	13.25	14.07	0.82	71	505.2500	14.73	13.93	13.68	15.01	1.33
P(29)	253.2625	15.13	14.94	14.59	15.41	0.82	72	511.2500	14.64	13.83	13.60	14.97	1.37
Q(30)	259.2625	14.27	14.13	13.72	14.63	0.91	73	517.2500	14.80	13.97	13.84	15.21	1.37
R(31)	265.2625	14.27	14.08	13.73	14.60	0.87	74	523.2500	13.96	13.63	13.45	14.75	1.3
S(32)	271.2625	15.36	15.16	14.72	15.68	0.96	75	529.2500	14.05	13.20	13.00	14.36	1.36
T(33)	277.2625	14.62	14.37	14.04	14.90	0.86	76	535.2500	13.02	12.04	11.93	13.28	1.35
U(34)	283.2625	14.44	14.30	13.89	14.70	0.81	77	541.2500	12.61	11.68	11.57	12.95	1.38
V(35)	289.2625	14.91	14.71	14.37	15.19	0.82	78	547.2500	13.56	12.57	12.48	13.90	1.42
W(36)	295.2625	15.34	15.07	14.79	15.53	0.74	79	553.2500					
AA(37)	301.2625	15.92	15.68	15.36	16.08	0.72	80	559.2500	12.55	11.63	11.50	13.00	1.5
BB(38)	307.2625	16.15	15.85	15.55	16.23	0.68	81	565.2500					
CC(39)	313.2625	16.08	15.79	15.52	16.13	0.61							

Max Non Adjacent Channel Level Diff :- 5.48
Max Adjacent Channel Level Diff :- 2.12
Max Variance from last proof of performance test :- 4.92
Date of last proof of performance test :- 01/11/2006

Note :- Make measurements through a 100 ft. test drop cable without a converter

TIME WARNER CABLE

SYRACUSE DIVISION

FCC TECHNICAL TESTING
STANDARDS AND PROCEDURES

7-15-2002
FCC Part 76 (2001)
Rev 2

VISUAL CARRIER FREQUENCY
AND
AURAL CARRIER CENTER
FREQUENCY
FCC 76.612 (a) (b) and 76.605 (a) (2)

Specification:

FCC: Visual carrier frequency part 76.612 (a) and (b). The center frequency of the aural carrier part 76.605 (a) (2).

Syracuse Division: +/- 25 KHz on all non air-nav video carriers
+/- 3.5 KHz on air-nav visual carriers.
The center frequency of the aural carrier must be 4.5 MHz, +/- 1 KHz above the frequency of the visual carrier.

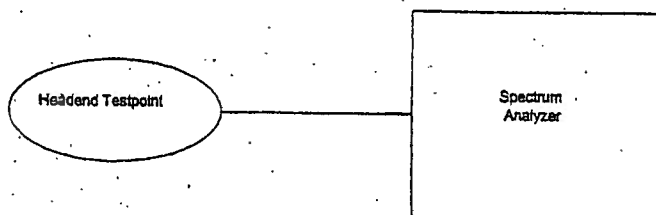
Picture Effect:

Various impairments

Recommended Procedures:

- All measurements to be made at the headend test point.
- Connect equipment as shown in block diagram below.
- Use a spectrum analyzer with a precision frequency option.
- Follow the manufacturers recommended methods for performing this measurement.
- Record the visual carrier frequency and intercarrier frequency difference of all system channels.
- Visual carrier frequencies in the frequency bands 108.0-137.0 Mhz and 225.0-400.00 Mhz need to be properly offset as per FCC Rule 76.612.
- For non-air nav visual frequencies you should observe the +/- 25 KHz tolerance.
- Lastly, follow sound engineering practices as outlined in the NCTA Recommended Practices for Measurements on Cable Television Systems.

Block Diagram:



VISUAL, AURAL CARRIER LEVELS AND 24 HR. VARIATION TESTS (LEVEL REQUIREMENTS) FCC 76.605 (a) (3), (4), (5)

Specification:

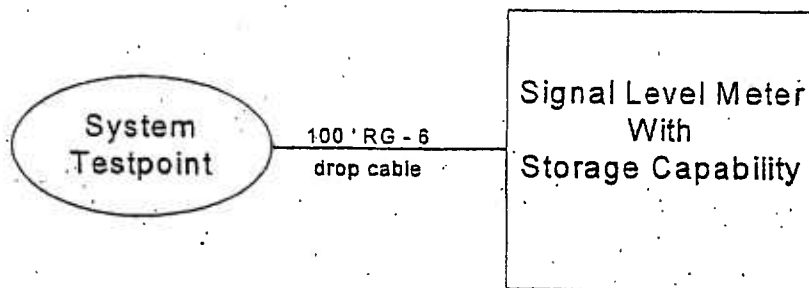
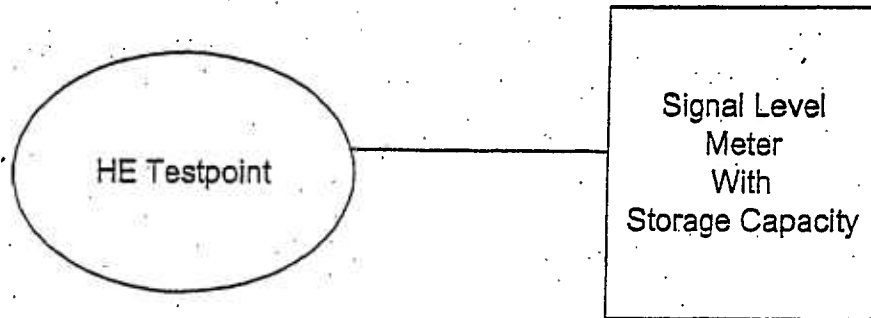
FCC: Levels and Variation Testing

- Visual carrier level shall be no less than 0 dbmv at subscriber terminal and no less than +3 dbmv at the end of a 100' drop. FCC 76.605 (a)(3)
- Variance of adjacent (6 Mhz) visual carriers shall not vary by more than 3 db FCC 76.605(a)(4)
- Variance of non-adjacent channels video carrier levels shall not vary by more than 10 db plus 1 db for every 100 Mhz above 300 Mhz. FCC 76.605(a)(4)
- The aural carrier amplitude shall be between 10 db and 17 db down from the visual carrier FCC 76.605 (a)(5)
- For 24 hr variation testing, the visual signal level of each channel must be measured and recorded, along with the date, time of measurement, and temperature, once every 6 hours (at intervals of not less than 5 hours or no more than 7 hours after the last measurement), which shall include the coldest and warmest months (January or February and in July or August) during a 24 hour period. Visual signal level for each channel shall not vary by more than 8 db within 24 hours or in any 6 month interval. FCC 76.605 (a)(4). The level must also meet the requirements of FCC 76.605 (a)(3)(4)(5).

Recommended Procedures:

- Prior to the start of testing the Headend levels should be checked and adjusted to obtain no more than 1 db max peak to valley with all non-scrambled aural carriers approximately 14 db down from video.
- Store the Headend levels in the same meter that will be used for your system test point testing, note the time from the meter and the bin number that this was stored in. This will be entered into the Headend test forms at a later time.
- If you use more than one meter for your 24 hour test, then you should verify its response against the response of the meter used for headed and test point testing.
- At each test point you should again store the recorded levels prior to the converter. The Syracuse Division has decided to test prior to the converter and insert an attachment stating the specifications of the converter.
- For the 24 hour testing you should have a watch to note the time (or use automated time function on signal level meter) and should use either a thermometer to record the temperature or obtain this from the weather channel as the temperature reading from the meter will only indicate the temperature of the meter.

Block Diagram:



IN-CHANNEL FREQUENCY RESPONSE

FCC 76.605 (a) (6)

Specification:

FCC and Syracuse Division: +/- 2 db from 750 Khz to 5 Mhz above the lower frequency boundary of the cable television channel.

Picture Effect:

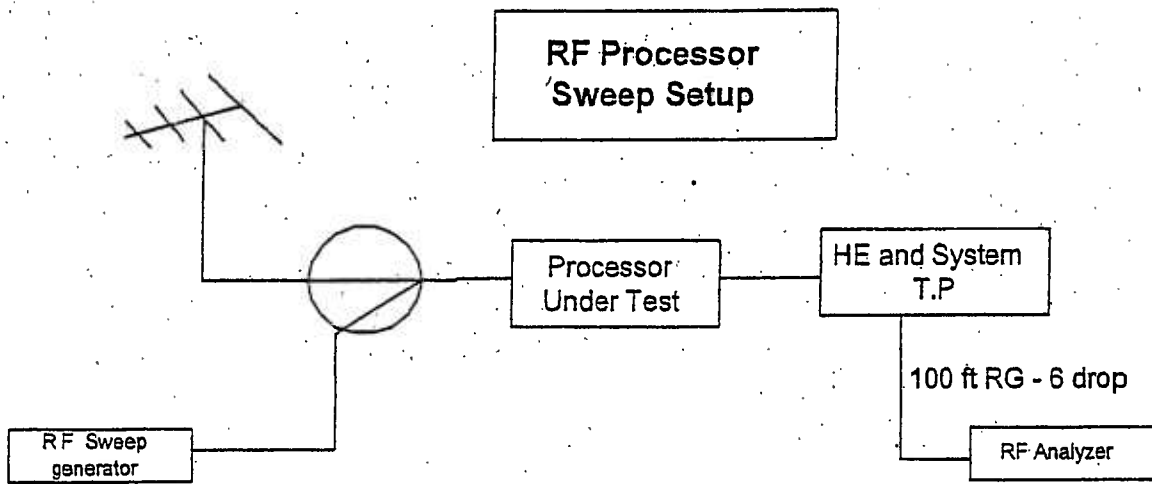
Variations can not only affect the relative amplitude of different frequency components of the visual signal, but relative visual carrier level and chroma delay. This could cause improper colors and poor picture quality.

Recommended Procedures:

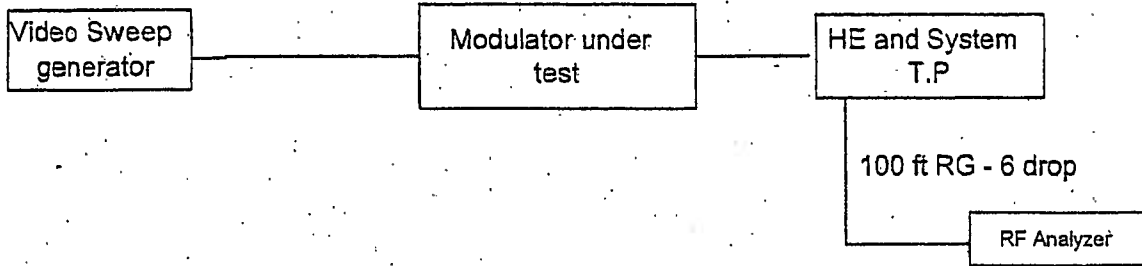
- Measurements should be made on all FCC designated test channels at each system test point. The frequency response of all other channels should be verified periodically at the headend test point.
- Connect equipment as shown in the block diagrams.
- This procedure varies based on the type of analyzer used and the type of channel, ie; modulator or processor. The block diagrams show the two most common setups for making this measurement.
- Record the +/- db number [peak to valley / (2)] on page 3 of 5 for each testpoint.
- Lastly, follow sound engineering practices as outlined in the NCTA Recommended Practices for Measurements on Cable Television Systems.

Note :- The FCC Rules state that this test be done after a converter. The Syracuse Division does the field test without a converter but includes a "typical" frequency response trace of the converter used in the system. The system and converter traces will show system total response.

Block Diagrams



Video Sweep of Modulator



CARRIER TO NOISE RATIO (C/N) FCC 76.605 (a) (7)

Specification:

FCC: Minimum of 43 db

Syracuse Division: Minimum of 47 db prior to converter

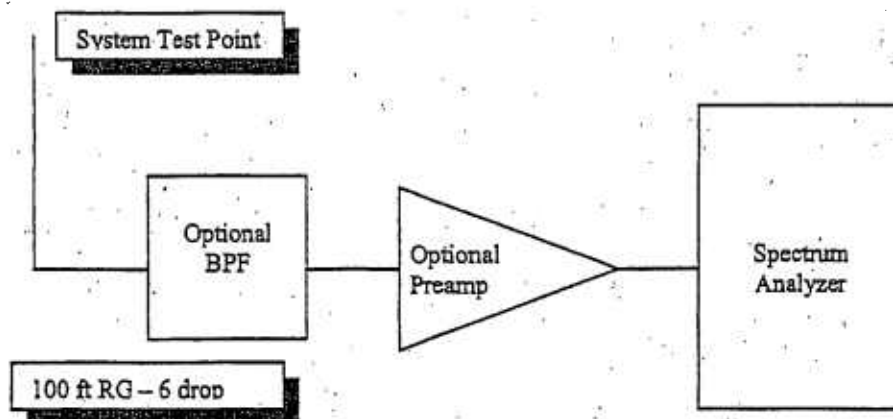
Picture Effect:

Noisy or snowy pictures. This can range from "imperceptible" at ratios above 47 db to "annoying" at levels less than 43 db.

Recommended Procedures:

- Measurements should be made on all of the test channels at each test point
- Connect equipment as shown in block diagram .
- Since most systems now have analyzers or signal level meters that automate this measurement, you should follow the manufacturers recommended method for this measurement. This would include such items as the proper RF input level required for measurement, the system noise floor higher than the analyzer noise floor, etc.
- Lastly, follow sound engineering practices as outlined in the NCTA Recommended Practices for Measurements on Cable Television Systems.

Block Diagrams



COHERENT DISTURBANCES (CTB, CSO, INTERMOD) FCC 76.605 (a) (8)

Specification:

FCC: Ratio of visual signal level to coherent disturbances shall not be less than 51db. Syracuse Division: Minimum intermod, CSO and CTB is 55db

Picture Effect:

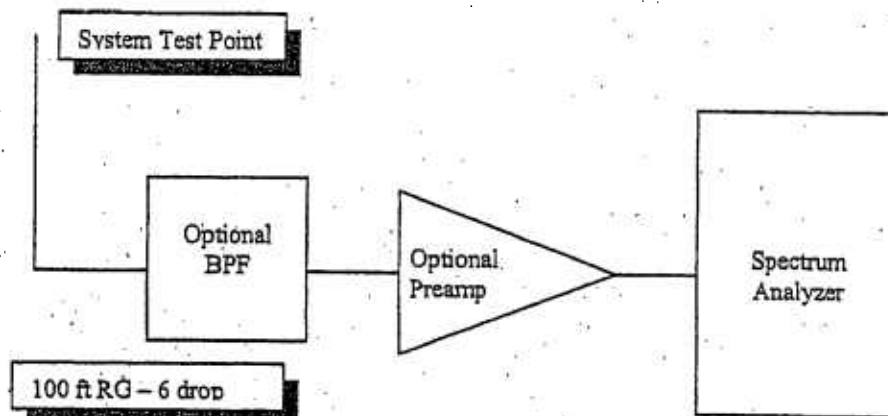
Interfering line patterns, horizontal line streaks, beats in the picture, etc.

Recommended Procedures:

- Measurements should be made on all test channels at each test point
- Connect equipment as shown in block diagram.
- Since most systems now have analyzers that automate these measurements, you should follow the manufacturers recommended method for performing these measurements. This would include such items as the proper RF input level that is required for the measurement, insuring that you are not overloading the front end of the analyzer, etc.
- Lastly, follow sound engineering practices as outlined in the NCTA Recommended Practices for Measurements on Cable Television Systems.

Note:

- 1) Intermod products can fall anywhere within a 6 Mhz bandwidth
- 2) CSO falls at +/- .75 Mhz and +/- 1.25 Mhz, we only need to record the positive offset numbers. If this measurement is automated, then it will give you the worst case number. This is fine as long as it meets or exceeds spec.
- 3) CTB will fall at the visual carrier frequency. When picking test channels for the FCC proof, you should pick one channel that yields worst case CTB for your specific channel loading. Because you have to turn the video carrier off at the headend to make the CTB measurement, make sure you are not testing any AGC pilot frequencies.
- 4) If testing a channel that falls in an off-air spectrum insure that CTB measurement is not measuring direct pick-up.



LOW FREQUENCY DISTURBANCES (HUM MODULATION) FCC 76.605 (a) (10)

Specification:

FCC: Less than 3%

Syracuse Division: Less than 1%

Picture Effect:

Horizontal bars or stripes slowly moving from the bottom of the screen to the top.

Recommended Procedures:

- Measurement must be made on at least one of the FCC designated test channels.
- Connect equipment as shown in block diagram below.
- Since all systems now have analyzers that automate this measurement, you should follow the manufacturers recommended method for this measurement. This would include such items as the proper RF input level required for measurement, and measurements made on a cw carrier etc.
- Lastly, follow sound engineering practices as outlined in the NCTA Recommended Practices for Measurements on Cable Television Systems.

Block Diagram:

