

6005 Fair Lakes Road
East Syracuse, NY 13057
P.O. Box 4791, Syracuse, NY 13221
Tel 315-634-6100
Fax 315-463-8020



April 14, 2005

VIA CERTIFIED MAIL/
RETURN RECEIPT REQUESTED

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

04-Y-1385

Re: Franchise Renewal Application

Dear Ms. Brilling:

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 Town of DeKalb (St. Lawrence County).

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

Sincerely,

A handwritten signature in black ink, appearing to be 'R. Strong'.

Richard T. Strong
Manager of Government Affairs
enclosures

2005 APR 19 PM 1:39

RECEIVED
PUBLIC SERVICE
COMMISSION
OSFC-FILES-ALBANY

**CABLE TELEVISION
FRANCHISE RENEWAL AGREEMENT**

TOWN OF DEKALB

THIS AGREEMENT, executed in triplicate this 16th day of March, 2005, by and between the TOWN OF DEKALB, (hereinafter referred to as the Municipality) by the Supervisor 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 Town 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:

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 (calendar date).
- (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) "Gross Revenues" means all revenues net of franchise fees actually received by and paid to Time Warner Cable by subscribers residing within the Municipality for Cable Television Service purchased by subscribers on a regular, recurring monthly basis, including pay-per-view.
- (j) "May" is permissive.

- (k) "Municipality" means the Town of Dekalb. Wherever the context shall permit, Board, Council and Municipality shall be used interchangeably and shall have the same meaning under this Franchise.
- (l) "NYSPSC" means New York State Public Service Commission.
- (m) "Person" means an individual, partnership, association, corporation, joint stock company trust, corporation, or organization of any kind.
- (n) "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.
- (o) "Shall" or "will" are mandatory.
- (p) "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.
- (q) "Subscriber" means any person lawfully receiving any Cable Television Service in the Municipality provided over the Cable Television System.
- (r) "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 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 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

The term of this Franchise shall be ten (10) years, commencing on the later of the 16 of MARCH, 2005 or on the date the NYSPSC approves said franchise agreement and terminating on the 16 of MARCH, 2015.

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.

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 after sixty (60) days written notice from the Municipality to substantially comply or to take reasonable steps to comply with a material provision of this Franchise. Notwithstanding the above, should Time Warner Cable comply or take said reasonable steps to comply within said sixty days notice, the Municipality's right to revoke this Franchise shall immediately be extinguished; or
 - (ii) Time Warner Cable is adjudged a bankrupt; or
 - (iii) Time Warner Cable knowingly and willfully attempts or does practice a material fraud or deceit in its securing of this Franchise.
- (b) Notwithstanding the above, no revocation shall be effective unless and until the Municipality shall have adopted an ordinance setting forth the cause and reason for the revocation and the effective date thereof, which ordinance shall not be adopted until the expiration of one hundred twenty (120) days from the date of delivery of written notice to Time Warner Cable specifying the reasons for revocation and an opportunity for Time Warner Cable to be fully and fairly heard on the proposed adoption of such proposed ordinance. If the revocation as proposed therein depends on a finding of fact, such finding of fact shall be made by the Municipality only after an administrative hearing providing Time Warner Cable with a full and fair opportunity to be heard, including, without limitation, the right to introduce evidence, the right to the production of evidence and the right to question witnesses. A transcript shall be made of such hearing. Time Warner Cable shall have the right to appeal any such administrative decision 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

- (a) Time Warner Cable shall indemnify and hold harmless the Municipality from all liability, damage and reasonable cost or expense arising from claims of injury to persons or damage to property occasioned by reason of any conduct of Time Warner Cable its employees or agents undertaken pursuant to this Franchise. The Municipality shall promptly notify Time Warner Cable of any claim for which it seeks indemnification; afford Time Warner Cable the opportunity to fully control the defense of such claim and any compromise, settlement, resolution or other disposition of such claim, including by making available to Time Warner Cable all relevant information under its control.
- (b) Time Warner Cable shall as of the Effective Date of this Franchise obtain liability insurance in the minimum amount set forth within and shall furnish to the Municipality evidence of such liability insurance policy or policies, in the form of a certificate of insurance naming the Municipality as an additional named insured, which policy or policies or replacements thereof shall remain in effect throughout the term of this Franchise; said policy and replacements shall

be in the combined amount of Two Million Dollars (\$2,000,000.00) for bodily injury and property damage issued by a company authorized to do business in New York State. In addition, Time Warner Cable shall carry Worker's Compensation insurance for its employees in such amounts as is required by the laws of the State of New York. The insurance coverage herein referred to above may be included in one or more policies covering other risks of Time Warner Cable or any of its affiliates, subsidiaries or assigns.

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 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

Time Warner Cable shall continue to provide cable service to all subscribers who meet their obligations to Time Warner Cable with respect to such service. Time Warner Cable shall not, without the written consent of the Municipality abandon its cable television system or any portion thereof in such a way as would limit its ability to continue to provide cable service to all subscribers without the written consent of the Municipality.

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.

SECTION 13 - OPERATION AND MAINTENANCE

- (a) Time Warner Cable shall contract 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. Time Warner Cable shall exercise reasonable efforts in good faith to maximize the number of energized channels available to subscribers.

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. The rates for any cable television service for which such approval is required shall be deemed part of the Franchise. A required approval of a change in rates in accordance with the appropriate procedures for such approval shall be deemed to amend the Franchise with respect to rates, any other requirements with respect to amendments to the Franchise to the contrary notwithstanding.
- (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 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.
- (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.

SECTION 16 - PUBLIC, EDUCATIONAL AND GOVERNMENTAL ACCESS CHANNELS

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.

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 Supervisor or 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.

SECTION 18 - FRANCHISE FEES

- (a) Time Warner Cable shall pay the Municipality an amount equal to 0% of Time Warner Cable's Gross Revenues received by Time Warner Cable directly from subscribers for cable services purchased by subscribers on a regular, recurring monthly basis.
- (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.
- (c) Payment of the franchise fee shall be due annually within one hundred twenty (120) days of the end of the company's fiscal year. Time Warner Cable shall submit to the Municipality, along with the payment of said fees, a report showing reasonable detail the basis for the computation thereof.

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 argue 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) 634-6200

Facsimile: (315) 463-8020

or

Time Warner Cable
Attention: Division President
6005 Fair Lakes Road
East Syracuse, New York 13057
Telephone: (315) 634-6200
Facsimile: (315) 463-2088

When notices sent to
Municipality:

Town of Dekalb
Attention: Town Supervisor
P.O. Box 133
Dekalb, New York 13630

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 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.

This Franchise may be executed in one or more counterparts, all of which taken together shall be deemed one (1) original.

The headings of the various Sections of this Franchise are for convenience only, and shall not control or affect the meaning or construction of any of the provisions of the Franchise.

The rights and remedies of the parties pursuant to this Franchise are cumulative and shall be in addition to and not in derogation of any rights or remedies which the parties may have with respect to the subject matter of this Franchise.

SECTION 26 - NO JOINT VENTURE

Nothing herein shall be deemed to create a joint venture or any agency or employment relationship between the parties, and neither party is authorized to nor shall either party act toward any third parties or to the public in any manner which would indicate any such relationship with the other.

IN WITNESS WHEREOF, the parties hereto have executed this agreement this 16th day of March, 2005.

**TIME WARNER ENTERTAINMENT-
ADVANCE/NEWHOUSE PARTNERSHIP**

By: May Slater
Officer Name

Title: President

**MUNICIPALITY:
TOWN OF DEKALB**

By: John M. Enay
Name

Title: TOWN SUPERVISOR

**STATE OF NEW YORK
TOWN OF DEKALB**

COUNTY OF St. LAWRENCE

In the Matter of the Renewal of the Cable Television Franchise Held by
TIME WARNER ENTERTAINMENT - ADVANCE/NEWHOUSE
PARTNERSHIP in the Town of Dekalb, St. Lawrence County, NY

RESOLUTION

An application has been duly made to the Town Board of the Town of Dekalb, St. Lawrence County, New York, by 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 whose principal place of business is located at 6005 Fair Lakes Road, East Syracuse, New York 13057, and holder of a cable television franchise in the Town of Dekalb for the approval of an agreement to renew Time Warner Cable's cable television franchise for an additional ten (10) years commencing March 16, 2005. The Franchise Renewal Agreement would bring the franchise into conformity with certain provisions of the Federal Cable Communications Policy Act of 1984, as amended, and certain court rulings.

A public hearing was held at the Town Hall, Dekalb, New York on March 16, 2005, at 6:45 p.m. and notice of the hearing was published in the Watertown Daily Times on Feb. 18, 2005. The Town Board for the Town of Dekalb voted to approve the agreement to renew Time Warner Cable's cable television franchise on the 16th of March, 2005.

NOW, THEREFORE, the Town Board of the Town of Dekalb finds that:

1. Time Warner Cable has substantially complied with the material terms and conditions of its existing franchise and with applicable law; and
2. The quality of Time Warner Cable's service, including signal quality, response to customer complaints and billing practices has been reasonable in light of community

needs; and

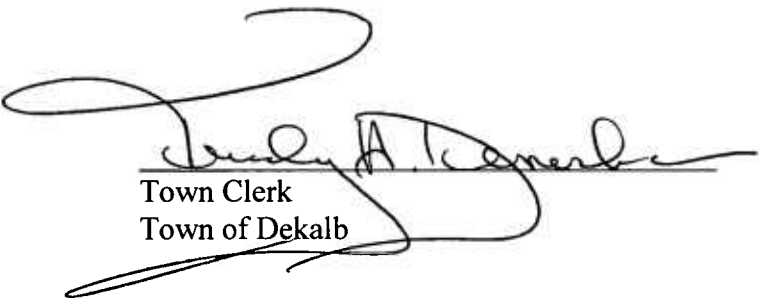
3. Time Warner Cable has the financial, legal and technical ability to provide the services, facilities and equipment as set forth in its proposal attached; and
4. Time Warner Cable can reasonably meet the future cable-related community needs and interests, taking into account the cost of meeting such needs and interests.

BE IT FURTHER RESOLVED that the Town Board of the Town of Dekalb hereby renews the cable television franchise of Time Warner Cable in the Town of Dekalb for ten (10) years commencing March 16th, 2005 and expiring March 16th, 2015.

BE IT FURTHER RESOLVED that the Town Board of the Town of Dekalb hereby confirms that this Franchise Renewal Agreement replaces the original franchise granted and all amendments thereto.

The foregoing having received a unanimous vote was thereby declared adopted.

Dated: March 16, 2005


Town Clerk
Town of Dekalb

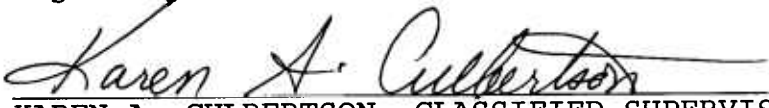
STATE OF NEW YORK
COUNTY OF JEFFERSON
CITY OF WATERTOWN

WATERTOWN DAILY TIMES

RICHARD STRONG
TIME WARNER CABLE
6005 FAIR LAKES RD
EAST SYRACUSE NY 13057

REFERENCE: 34836
2040185 LEGAL NOTICE PLEASE

Karen A. Culbertson, of the City of Watertown, Jefferson County, New York, being duly sworn, says that she is the Classified Supervisor of the Johnson Newspaper Corp., a corporation duly organized and existing under the laws of the State of New York, and having its principal place of business in the City of Watertown, New York, and that said corporation is the publisher of the WATERTOWN DAILY TIMES, a Newspaper published in the City of Watertown, Jefferson County, and State of New York, and that a Notice, of which the annexed is a printed copy, has been published regularly in the said Newspaper.

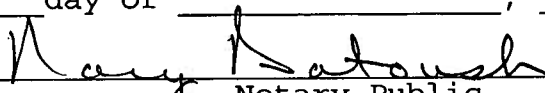

KAREN A. CULBERTSON, CLASSIFIED SUPERVISOR

PUBLISHED ON: 03/29 04/04

TOTAL COST: 29.58 AD SPACE: 29 LINE
FILED ON: 04/06/05

Sworn to before me this

11th day of April, 2005


Notary Public

NANCY DATOUSH
Notary Public in the State of New York
Qualified in Jefferson Co. No. 5006647
My Commission Expires Jan. 4, 2007

LEGAL NOTICE

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 for renewal of its Certificate of Confirmation and Cable Television Franchise in the Town of DeKalb, St. Lawrence 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 Town of DeKalb, P.O. Box 133, DeKalb, New York 13630 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.

STATE OF NEW YORK
COUNTY OF JEFFERSON
CITY OF WATERTOWN

WATERTOWN DAILY TIMES

TOWN OF DEKALB
PO BOX 133
DE KALB JUNCTION NY 13630-0133

REFERENCE: 15540
2036007 LEGAL NOTICE PLEASE

Karen A. Culbertson, of the City of Watertown, Jefferson County, New York, being duly sworn, says that she is the Classified Supervisor of the Johnson Newspaper Corp., a corporation duly organized and existing under the laws of the State of New York, and having its principal place of business in the City of Watertown, New York, and that said corporation is the publisher of the WATERTOWN DAILY TIMES, a Newspaper published in the City of Watertown, Jefferson County, and State of New York, and that a Notice, of which the annexed is a printed copy, has been published regularly in the said Newspaper.


KAREN A. CULBERTSON, CLASSIFIED SUPERVISOR

PUBLISHED ON: 02/18

TOTAL COST: 21.65 AD SPACE: 39 LINE
FILED ON: 02/19/05

Sworn to before me this

22nd day of February, 2005


Notary Public

NANCY DATOUSH
Notary Public in the State of New York
Qualified in Jefferson Co. No. 546647
Commission Expires Jan. 4, 2007

LEGAL NOTICE

PLEASE TAKE NOTICE THAT the Town Board of the Town of DeKalb, St. Lawrence County, New York has scheduled a public hearing for the 16th of March, 2005 at 6:45 p.m. at the Town Hall, DeKalb Jct., New York to consider renewal of the cable television franchise held by Time Warner Entertainment-Advance/Newhouse Partnership (hereinafter referred to as "Time Warner Cable"). The purpose of the hearing is to consider a Franchise Renewal Agreement which would renew Time Warner Cable's cable television franchise for an additional ten (10) years commencing on the 17th of March, 2005, and bring the franchise into conformity with certain provisions of the Federal Cable Communications Policy Act of 1984, as amended.

The Agreement, if approved by the Town Board, shall not take effect without the prior approval of the New York State Public Service Commission. A copy of the Franchise Renewal Agreement is available for public inspection at the Office of the Town Clerk during normal business hours. Interested persons may file comments or objections with the New York State Public Service Commission, There Empire State Plaza, Albany, New York 12223.

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 4733

East Syracuse, NY 13221

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

(315) 634-6200 Time Warner Cable (315) 493-3520 Time Warner Cable

6005 Fair Lakes Road

10 N. Broad Street

East Syracuse, NY 13221

P.O. Box 470

Carthage, NY 13619

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

Town of DeKalb - St. Lawrence 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 DeKalb Certificate of Confirmation and Franchise Agreement.



Mary L. Cotter
President
Time Warner Cable - Syracuse Division

Dated: March 28, 2005

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:

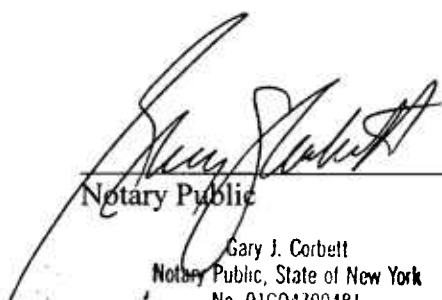
1. I am President of the Syracuse Division of Time Warner Cable and
I am familiar with the business operations of the Company
2. This application was prepared by me or under my direct supervision.
3. All of the statements and information contained herein are true and
accurate to the best of my knowledge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



Mary L. Cotter

Sworn to before me this

28th day of MARCH, 2008



Notary Public

Gary J. Corbett
Notary Public, State of New York
No. 01C04700481
Qualified in Onondaga County
My Commission Expires March 31, 2008

EXHIBIT A

We're pleased to announce our new Digital Video Recorder (DVR) service which allows you to watch TV on your schedule. Now, you can find and automatically record your favorite shows, right in your cable box. Our new DVR-capable Home Terminals let you record two different programs simultaneously, or watch one program and record another at the same time. The service also features "picture-in-picture" and the ability to pause, rewind and fast-forward recorded programs—you can even pause live TV for up to an hour, then resume watching exactly where you left off! Our DVR service lets you record up to 40 hours of programming, and the easy-to-use on-screen menus and our Interactive Program Guide make it easy to learn, with no expensive equipment to buy. Call our office if you'd like more information or to order our DVR service.

The costs to provide these services and the variety of new and exciting programming have risen over the past year. To offset these rising business costs, we will introduce new prices for some components of our service effective January 1, 2003. Our new monthly rate for Basic Service will be \$10.00, and Standard Service will be \$44.40. Detailed rate information for services and equipment can be found on the panel to the right.

We recognize that you have a variety of entertainment options, and we appreciate the opportunity to serve you. We are committed to providing you with the highest quality choices and value. For more information on Time Warner Cable and our available services, visit our website at www.twcny.com.

Time Warner Cable

Potsdam/Gouverneur/Harrisville Channel Lineup Card Rates & Services

PT/HA

A. Cable Service:		Effective 1/1/03
Basic Service (14 channels):		\$10.00
Standard Service (67 channels):		
(Consists of Basic Service @ \$10.00/mo. + all Standard channels @ \$34.40/mo.)		\$44.40
Seasonal Vacation		\$5.00
Channel Guide Monthly Publication		\$2.75
B. Premium Services:		
Home Box Office		\$9.95
Cinemax		\$9.95
Showtime (Digital only)		\$9.95
The Movie Channel (Digital only)		\$9.95
STARZ! (Digital only)		\$7.75
* Additional equipment required for Showtime, The Movie Channel and STARZ!		
C. Digital Cable Services:		
Full Digital Cable Service		
(includes channels 100-209, plus Digital Navigator Package)		\$10.00
Digital Plus (channels 100-199, plus Digital Navigator Package)		\$8.95
Digital Movie Pak		
(includes channels 200-209, plus Digital Navigator Package)		\$7.95
Digital Navigator Package		
(includes Interactive Program Guide, 40 Music Choice channels, plus access to iNDEMAND and premium services)		\$3.95
Digital Programming on Additional Outlet (each)		\$.95
Digital Video Recorder (DVR) Service		\$ 9.95
* Digital Terminal required for all Digital Cable services.		
D. Equipment:		
Home Terminal (analog)/Digital Terminal		\$6.60
Remote/ Digital Remote		\$.35
E. Installation Charges:		
Standard Install/Reconnect (pre-wired home)		\$31.81
Standard Installation (unwired home)		\$45.86
Hourly Service Charge		\$37.62
Additional Outlet(s) at time of initial installation		\$19.89
Additional Outlet(s), separate trip		\$31.74
(Sales tax will be applied to installation charges)		
(Customers who had not subscribed previously to the former "CablePlus" package will see their current rate increase up to \$3.95.)		

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.

NOTE: Digital Cable customers currently on a promotional rate will see a package rate increase of up to \$1.25.



22 1/2 Elm Street • Potsdam, NY 13676
(315) 265-8300 in Potsdam, (315) 287-2610 in Gouverneur
(800) 698-8301 in Harrisville
www.twcny.com

Potsdam / Harrisville

BASIC CABLE		38 A&E
2 W28BC (Watertown, FOX)		39 VH-1
3 TBS		40 Animal Planet
4 CBOT-4 (Ottawa, Ont., CBC)		41 Lifetime
5 WSTM-3 (Syracuse, NBC)		42 HSN: Home Shopping Network
5 WPTZ-5 (Plattsburgh, NBC)		43 CNBC
7 WWNY-7 (Watertown, CBS)		44 Golf Channel
8 WCFE-57 (Plattsburgh, PBS)		45 ESPN Classic
9 TV Guide Channel		46 SoapNet
10 CJOH-8 (Cornwall, CTV)		47 Court TV
11 WPIX-11 (New York, WB)		48 HGTV: Home & Garden
12 WPBS-18 (Watertown, PBS)		49 iX Network
13 WWTI-50 (Watertown, ABC)		50 TLC: The Learning Channel
23 WLXT-9 (Syracuse, ABC)		51 ESPN2
24* Leased Access		52 Cartoon Network
24 Shop at Home		53 Food Network
30 WCKN: Clarkson University/ Public Access		54 YES: Yankees Sports
* = in Gouverneur/Harrisville only		55 The History Channel
STANDARD CHANNELS		56 FOX News Channel
14 ABC Family		57 TCM: Turner Classic Movies
15 USA		58 Oxygen
16 MTV		59 BRAVO
17 CNN		60 E!
18 Headline News		61 Travel Channel
19 QVC		62 C-SPAN
20 The Disney Channel		63 MSNBC
21 ESPN		64 PAX TV
25 CMT: Country Music TV		65 C-SPAN 2
26 Sci-Fi Channel		66 Comedy Central
27 MSG: Madison Square Garden		95 WE: Women's Entertainment
28 AMC: American Movie Classics		96 Cable System Information
29 FOX Sports New York		98 Shop NBC
31 WBWT (Watertown, WB)		99 TV Land*
32 The Discovery Channel		* May be found on channel 1 on some TV sets
33 TNN: The National Network		PREMIUM CHANNELS
34 Nickelodeon		6 HBO
35 EWTN		22 Cinemax
36 The Weather Channel		
37 TNT		

EXHIBIT B

Digital Cable Lineup

100 MSG — Madison Square Garden
101 ESPN Classic
102 The Golf Channel
103 Speed Channel
105 Outdoor Channel
106 FOX Sports World
107 ESPNews
110 TCM: Turner Classic Movies
112 Lifetime Movie Network
120 Discovery Kids
121 Discovery Science
122 Discovery Wings
123 Discovery Health
124 Discovery Civilization
125 Discovery Leisure
128 National Geographic
129 BBC America
130 The History Channel
131 Court TV
132 CNNfn
133 C-SPAN3
134 Newsworld International
135 Bloomberg
136 CNBC World
137 Tech TV
138 Do It Yourself
140 CMT: Country Music TV
141 Great American Country
142 MTV2
143 MuchMusic
144 VH1 Classic
145 BET on Jazz
150 Ovation
152 TRIO
160 Style
161 Health Network
162 Game Show Network
163 America's Store
170 Disney
171 Disney West
172 Toon Disney
173 Noggin
174 Nick Too
175 Nick Gas
176 Boomerang
190 TBN—Trinity Broadcasting Network
200 Encore
201 Encore West
202 Encore Action
203 Encore Love Stories
204 Encore Mystery
205 Encore Westerns
206 Encore True Stories
207 WAM!
208 FOX Movie Channel
209 IFC: Independent Film Channel

Premium Channels
additional fees apply.

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
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 outermx
340 Showtime
341 Showtime Too
342 Showtime Showcase
343 Showtime Extreme
344 Showtime Beyond
345 Showtime Next
346 Showtime Women
347 Showtime Family Zone
350 The Movie Channel
351 The Movie Channel Xtra
360 STARZ!
361 STARZ! West
362 STARZ! Theater
363 STARZ! Theater West
364 STARZ! Family
365 STARZ! Family West
366 STARZ! Cinema
367 STARZ! Cinema West
368 Black STARZ!
369 Black STARZ! West

High Definition and Digital Broadcast Channels

800 HBO HDTV
 * HD-compatible converter and TV set required to receive HD signals.

Don't have Digital Cable? Here's what you're missing!

- More than 42 Digital-only channels including BBC America, Bloomberg, VH1 Classic, Game Show Network and Noggin. A total of eight channels programmed especially for children, plus a variety of news and information services, and five music video channels you won't see anywhere else!
- Commercial-free, CD-quality music on our 45-channel Music Choice service (channels 701-745). From country to classical, rock to opera, jazz to show tunes—you're sure to find a channel that suits your tastes, programmed 24 hours a day for your listening enjoyment.
- Like movies? Our Time Warner Home Theatre provides access to 39 iN DEMAND channels (channels 401-434, and 490-494), offering you the newest blockbusters with convenient start times. Save a trip to the video store, and order from the comfort of your own home using just a couple of buttons on your Digital Remote Control. Check out our season-long Sports packages, too!
- Have you heard about Digital Video Recorders? Before now, these units were expensive to buy. But, Time Warner Cable's new DVR service is included in our newest, state-of-the-art Digital Home Terminals. The monthly service rate of just \$9.95 lets you record programs directly from our easy-to-understand Interactive Program Guide, and our box will save up to 40 hours of your favorite programming, even letting you watch one show while recording another. You can even pause and rewind live TV! (See the special DVR offer included in this mailing.)
- It's a new age of television with the advent of High-Definition transmission, and you'll find those services beginning at channel 800, with HBO HDTV. A special HD-capable Home Terminal is required for HDTV-programming.

Now, with Time Warner Digital Cable,
anything's possible!



Potsdam / Harrisville

Dear Time Warner Cable Customer:

We're pleased to bring you up-to-date with your Time Warner Cable service. In this mailing we have provided you with a new channel lineup card (attached) that features all of our available channels, along with descriptions of exciting new services and details of rate changes for some services effective January 1.

As you may have heard, Time Warner Cable has embarked on a multi-million dollar rebuilding of the cable systems serving our North Country customers. Once complete, we will be offering customers several new and exciting channels, our "iControl" video-on-demand service, and more High Definition Television.

If you don't already have Digital Cable, see what you're missing by reviewing our Digital lineup. Then, call us to add this service which also features: an easy-to-use Interactive Program Guide; 45 commercial-free, Digital music channels; access to 39 Pay-Per-View channels with Time Warner Home Theatre; sports packages like the NHL Center Ice; and more than 55 screens of commercial-free premium movie channels. There has never been a better time to join the Digital Cable revolution.

During this past year, we were pleased to add the new sports network, YES: Yankees Entertainment and Sports, to deliver you the best in New York Yankees baseball. We hope you have enjoyed this new network.



CURRENT ANNUAL PERFORMANCE TEST

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

System Name	:	Watertown		
Plant Mileage	:	958.9000	As of	: 01/01/2005
Basic Subscribers	:	29990	As of	: 01/01/2005
System Bandwidth	:	550.0000		
Number of Channels Tested	:	9		
Number of Test Points	:	14		
Test Start Date	:	01/05/2005		
Test Completion Date	:	01/24/2005		

TIME WARNER CABLE - SYRACUSE DIVISION

Statement of Qualifications

System Name : Watertown

Date : 01/14/2005

FCC Testing Summary

Changes Since Last Proof of Performance Test

Replaced transmitter feeding Clayton and Chaumont due to a failure. Analog controllers and converters have been removed from the system.

Test Results

All testing is in compliance.

Miscellaneous

The headend locations listed on page 10's and 11's reflect the area serviced and not the physical location of the headend being tested.

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Watertown

Date : 01/14/2005

Sub System Name : Philadelphia

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		Y	WNYF	SABRE	DD (40)	319.2625	40	TV			MSG	SAT
3	61.2500	3	TV		Y	WSTM	VBRICK	EE (41)	325.2625	41	TV		Y	AMC	SAT
4	67.2500	4	TV		Y	WWNY	SABRE	FF (42)	331.2750	42	TV		Y	HSN	SAT
5	77.2500	5	TV			WWTJ	SABRE	GG (43)	337.2625	43	TV			CNBC	SAT
6	83.2500	6	TV			HBO	SAT	HH (44)	343.2625	44	TV			INFOM	SAT
A-3 (95)	91.2500							II (45)	349.2625	45	TV			HEALTH	SAT
A-4 (96)	97.2500	96	TV			INFO	HOUSE	JJ (46)	355.2625	46	TV			SATH	SAT
A-3 (97)	103.2500	97	TV			ACCESS	DIFF.	KK (47)	361.2625	47	TV				
A-2 (98)	109.2750	98	TV			ACN	SAT	LL (48)	367.2625	48	TV			HALMRK	SAT
A-1 (99)	115.2750	99	TV			P.E.G.	HOUSE	MM (49)	373.2625	48	TV			FX	SAT
A (14)	121.2625	14	TV			WBWT	SAT	NN (50)	379.2625	50	TV			TLC	SAT
B (15)	127.2625	15	TV		Y	USA	SAT	OO (51)	385.2625	51	TV			ESPN2	SAT
C (16)	133.2625	16	TV		Y	DISNEY	SAT	PP (52)	391.2625	52	TV			HGTV	SAT
D (17)	139.2500	17	TV		Y	CNN	SAT	QQ (53)	397.2625	53	TV			TVFOOD	SAT
E (18)	145.2500	18	TV		Y	HLNEWS	SAT	RR (54)	403.2500	54	TV			FSNY	SAT
F (19)	151.3210	19	TV		Y	QVC	SAT	SS (55)	409.2500	55	TV			HISTRY	SAT
G (20)	157.2500	20	TV			ABCFAM	SAT	TT (56)	415.2500	56	TV			LIFTMV	SAT
H (21)	163.2500	21	TV			ESPN	SAT	UU (57)	421.2500	57	TV			STYLE	SAT
I (22)	169.2500	22	TV		Y	TNT	SAT	VV (58)	427.2500	58	TV			YES	SAT
7	175.2500	7	TV			TVGUID	SAT	WW (59)	433.2500	59	TV			MSNBC	SAT
8	181.2500	8	TV		Y	WPBS	SABRE	XX (60)	439.2500	60	TV			EI	SAT
9	187.2500	9	TV		Y	WTBS	SAT	YY (61)	445.2500	61	TV			TRAVEL	SAT
10	193.2500	10	TV			NEWS10	TANBRG	ZZ (62)	451.2500	62	TV			C-SPAN	SAT
11	199.2500	11	TV			CKWS	OFFAIR	63	457.2500	63	TV			SCI-FI	SAT
12	205.2500	12	TV			WGN	SAT	64	463.2500	64	TV			PAX	SAT
13	211.2500	13	TV		Y	CJOH	COMLUX	65	469.2500	65	TV			CSPAN2	SAT
J (23)	217.2500	23	TV			EWTN	SAT	66	475.2500	66	TV		Y	COMEDY	SAT
K (24)	223.2500	24	TV			ANIMAL	SAT	67	481.2500	67	TV			ESPNCL	SAT
L (25)	229.2625	25	TV		Y	TOON	SAT	68	487.2500	68	TV			TCM	SAT
M (26)	235.2625	26	TV			TWCSP	VBRICK	69	493.2500	69	TV			NATGEO	SAT
N (27)	241.2625	27	TV		Y	DISC	SAT	70	499.2500	70	TV			WE	SAT
O (28)	247.2625	28	TV		Y	TNN	SAT	71	505.2500	71	TV			OXYGEN	SAT
P (29)	253.2625	29	TV		Y	VH-1	SAT	72	511.2500	72	TV			UNIVSN	SAT
Q (30)	259.2625	30	TV			CMTV	SAT	73	517.2500	73	TV		Y	SHPNBC	SAT
R (31)	265.2625	31	TV			TVLAND	SAT	74	523.2500	74	TV			SOAP	SAT
S (32)	271.2625	32	TV			NICK	SAT	75	529.2500	75	TV		Y	FOXNWS	SAT
T (33)	277.2625	33	TV			LIFTIME	SAT	76	535.2500	76	TV			OLN	SAT
U (34)	283.2625	34	TV			COURT	SAT	77	541.2500	77	TV			FIT	SAT
V (35)	289.2625	35	TV			WEATHR	SAT	78	547.2500	78	TV			GOLF	SAT
W (36)	295.2625	36	TV		Y	BET	SAT	79	553.2500	79	TV				
AA (37)	301.2625	37	TV			BRAVO	SAT	80	559.2500	80	TV				
BB (38)	307.2625	38	TV			A&E	SAT	81	565.2500	81	TVY				
CC (39)	313.2625	39	TV		Y	MTV	SAT								

Date : 01/14/2005

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

System Name : Watertown

Date : 01/14/2005

Sub System Name : Fort Drum

[illegible]

Date : 01/14/2005

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							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							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	99	TV			P.E.G.	HOUSE	MM (49)	373.2625						
A (14)	121.2625							NN (50)	379.2625						
B (15)	127.2625							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						

Date : 01/14/2005

Sub System Name : Lowville / Lewis

[illegible]

Date : 01/14/2005

Sub System Name : Clayton / Chaumont

[illegible]

Date : 01/14/2005

Sub System Name : Watertown

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							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							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	99	TV			P.E.G.	HOUSE	MM (49)	373.2625						
A (14)	121.2625							NN (50)	379.2625						
B (15)	127.2625							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														

Date : 01/14/2005

Non Video Services

[illegible]

RATE MUX NUMBER	QAM NAME	QAM FREQUENCY	ANALOG CHANNEL	MOD. TYPE	SESSION NUMBER	MPEG IN	MPEG OUT	G-BIG MPEG	SERVICE	QAM SOURCE	DIGITAL CHANNEL
WIF * SLOT 2 PORT 1	QAM1	567MHz	81	64	Below 20			128-138	BFS,IPG,etc.	DNCS	N/A
		BIG QAM	reserve 24 sessions								
QUAD ASI SLOT 1 PORT 1	QAM2	581 MHz	85	256	1911	12	12	12	INDemand 1	Satcom C3 Tr 3 BB 10-5 BB 9-12	401
	10 Video				1916	6	6	6	INDemand 2	Satcom C3 Tr 3 BB 10-5 BB 9-12	402
		BMR 1			1180	3	3	3	CSPAN-3	G10T20 BB2-3 - BB9-12	133
					1116	4	4	4	Toon Disney	G10T20 BB2-3 - BB9-12	172
					1117	11	11	11	ESPN News	G10T20 BB2-3 - BB9-12	107
					1102	2	2	2	ESPN Classic	G10T20 BB2-3 - BB9-12	101
					1119	10	10	10	G4	Telstar 7 Tr 2 BB10-1 BB9-12	119
					1947	2	13	13	Sports and Entertainment	Telstar 7 Tr 4 BB 9-6 BB 3-13	400
									Test Channel		
					1218	3	8	8	GAC	C3T12 -RTE -BB3-6 - BB 9-12	141
					1217	1	1	1	TBN	C3T12 -RTE -BB3-6 - BB 9-12	190
QUAD ASI SLOT 5 PORT 1	QAM3	597 MHz	86	256	1300	1	1	1	HBO East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	300
	13 Video				1301	2	2	2	HBO Plus East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	302
	4 Music	BMR 2			1302	3	3	3	HBO Signature East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	304
					1303	4	4	4	HBO Family East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	306
					1307	8	8	8	HBO Latino East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	312
					1310	21	21	21	Max East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	320
					1311	22	22	22	More Max East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	322
					1313	23	23	23	Action Max East	Galaxy 1 Tr 23(I) BB 10-7 BB 3-14	326
					1370	7	7	7	WMAX East	Galaxy 1 Tr 18(I) BB 10-8 BB3-14	328
					1371	27	27	27	@MAX East	Galaxy 1 Tr 18(I) BB 10-8 BB3-14	329
					1372	44	44	44	5 StarMAX East	Galaxy 1 Tr 18(I) BB 10-8 BB3-14	330
					1373	30	30	30	OuterMAX East	Galaxy 1 Tr 18(I) BB 10-8 BB3-14	331
					6028	1	9	9	CH996 - info	BB 4-2 BB 3-14	996
					1563	24	24	24	Hlt List MUS19	Satcom C3 Tr 9 BB 10-1 BB 3-14	719
					1565	25	25	25	80's MUS21	Satcom C3 Tr 9 BB 10-1 BB 3-14	721
					1566	22	222	222	Power Rock MUS12	Satcom C3 Tr 9 BB 10-1 BB 3-14	712
					1562	23	233	233	Soft Rock MUS18	Satcom C3 Tr 9 BB 10-1 BB 3-14	718
					Not built in the North Country						
QUAD ASI SLOT 5 PORT 2	QAM4	603 MHz	87	256	1312	24	24	24	Thriller Max East	Galaxy 1 Tr 18(I) BB 10-8 BB 4-12	324
	13 Video				1305	26	26	26	HBO Zone East	Galaxy 1 Tr 18(I) BB 10-8 BB 4-12	310
	7 Music	BMR 2			1304	6	11	11	HBO Comedy East	Galaxy 1 Tr 18(I) BB 10-8 BB 4-12	308
					1113	7	7	7	Encore	Galaxy 1 Tr 13 BB 10-5 BB 4-12	200
					1201	8	8	8	Encore West	Galaxy 1 Tr 13 BB 10-5 BB 4-12	201
					1206	9	9	9	WAMI	Galaxy 1 Tr 13 BB 10-5 BB 4-12	207
					1330	1	1	1	StarzI	Galaxy 1 Tr 13 BB 10-5 BB 4-12	360
					1357	2	2	2	StarzI West	Galaxy 1 Tr 13 BB 10-5 BB 4-12	361
					1331	3	3	3	StarzI2	Galaxy 1 Tr 13 BB 10-5 BB 4-12	362
					1332	4	4	4	StarzI4 Family	Galaxy 1 Tr 13 BB 10-5 BB 4-12	364
					1333	6	6	6	StarzI5 Cinema	Galaxy 1 Tr 13 BB 10-5 BB 4-12	366
					1358	10	10	10	StarzI5 Cinema West	Galaxy 1 Tr 13 BB 10-5 BB 4-12	367
					1334	5	5	5	Bet Movies	Galaxy 1 Tr 13 BB 10-5 BB 4-12	368
					1546	28	28	28	Today's Country MUS2	Satcom C3 Tr 9 BB 10-1 BB 4-12	702
					1547	29	29	29	Classic Country MUS3	Satcom C3 Tr 9 BB 10-1 BB 4-12	703
					1570	30	30	30	Big Band & Swing MUS26	Satcom C3 Tr 9 BB 10-1 BB 4-12	726
					1569	31	31	31	Singers & Stds MUS25	Satcom C3 Tr 9 BB 10-1 BB 4-12	725
					1571	32	32	32	Easy Listening MUS27	Satcom C3 Tr 9 BB 10-1 BB 4-12	727
					1567	26	266	266	70's MUS23	Satcom C3 Tr 9 BB 10-1 BB 4-12	723
					1568	27	27	27	Solid Gold Oldies MUS24	Satcom C3 Tr 9 BB 10-1 BB 4-12	724
QUAD ASI SLOT 1 PORT 2	QAM5	621 MHz	90	256	1219	6	3	3	Nat Geo.	Satcom C3 Tr 1 BB 3-3 BB 4-11	128
	5 Video				9007	7	7	7	NHL / MLB 7	GE 1 Tr 13 BB 9-5 BB 4-11	486
	8 Music	BMR 2			9010	10	6	6	NHL / MLB 10	GE 1 Tr 13 BB 9-5 BB 4-11	489
	1 HD				1100	1	2	2	MSG	Edge RTE Encoders BB 3-7 BB 4-1	100
					2068	1	1	1	Discovery HD	BB 4-6 BB 4-11	820
					3025	5	5	5	Daystar TV	BB 7-2 BB 4-11	169
					1554	18	18	18	Metal MUS10	Satcom C3 Tr 9 BB 10-1 BB 4-11	710
					1556	19	19	19	Alternative MUS14	Satcom C3 Tr 9 BB 10-1 BB 4-11	714
					1561	20	20	20	Progressive MUS17	Satcom C3 Tr 9 BB 10-1 BB 4-11	717
					1557	21	21	21	Classic Rock MUS13	Satcom C3 Tr 9 BB 10-1 BB 4-11	713
					1551	14	141	141	Classic R&B MUS7	Satcom C3 Tr 9 BB 10-1 BB 4-11	707
					1550	15	15	15	R&B and Hip Hop MUS6	Satcom C3 Tr 9 BB 10-1 BB 4-11	706
					1560	16	16	16	Dance MUS16	Satcom C3 Tr 9 BB 10-1 BB 4-11	716
					1553	17	17	17	Rap MUS9	Satcom C3 Tr 9 BB 10-1 BB 4-11	709
QUAD ASI SLOT 1 PORT 3	QAM6	627 MHz	91	256	9035	2	2	2	HD Net	Galaxy 9 T19 BB9-3 BB7-11	811
	2 HD	BMR 1			9036	3	3	3	HD Net Movies	Galaxy 9 T19 BB9-3 BB7-11	812

QUAD II SLOT 7 PORT 3	QAM7	639 MHz	93	256	1362	11	11	11	HBO West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	301
	11 Video	BMR 2			1363	12	12	12	HBO Plus West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	303
	9 Music				1364	13	13	13	HBO Signature West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	305
					1365	14	14	14	HBO Family West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	307
					1366	18	18	18	HBO Latino West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	313
					1367	31	31	31	Max West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	321
					1368	32	32	32	More Max West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	323
					1369	33	33	33	Action Max West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	327
					1374	15	15	15	HBO Cmdy West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	309
					1375	16	16	16	HBO Zone West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	311
					1376	34	34	34	Thriller Max West	Galaxy 1 Tr 23(Q) BB 10-6 BB 4-13	325
					1579	34	344	344	Light Classical MUS35	Satcom C3 Tr 9 BB 10-1 BB 4-13	735
					1576	35	35	35	Soundscapes MUS32	Satcom C3 Tr 9 BB 10-1 BB 4-13	732
					1572	36	36	36	Smooth Jazz MUS28	Satcom C3 Tr 9 BB 10-1 BB 4-13	728
					1573	37	37	37	Jazz MUS29	Satcom C3 Tr 9 BB 10-1 BB 4-13	729
					1574	38	38	38	Blues MUS30	Satcom C3 Tr 9 BB 10-1 BB 4-13	730
					1582	39	39	39	Gospel MUS38	Satcom C3 Tr 9 BB 10-1 BB 4-13	738
					1581	40	40	40	Contp Christian MUS37	Satcom C3 Tr 9 BB 10-1 BB 4-13	737
					1585	41	41	41	Musica Latina MUS41	Satcom C3 Tr 9 BB 10-1 BB 4-13	741
					1577	33	333	333	Classical Master MUS33	Satcom C3 Tr 9 BB 10-1 BB 4-13	733
QUAD ASI SLOT 3 PORT 1	QAM8	645 MHz	94	256	1202	1	1	1	Encore Action	Galaxy 1 Tr 3 BB 9-7 BB 3-13	202
	10 Video				1203	3	3	3	Encore Love	Galaxy 1 Tr 3 BB 9-7 BB 3-13	203
	11 Music	BMR 2			1204	5	5	5	Encore Mystery	Galaxy 1 Tr 3 BB 9-7 BB 3-13	204
					1205	9	9	9	Encore Westerns	Galaxy 1 Tr 3 BB 9-7 BB 3-13	205
					1207	7	7	7	Encore True	Galaxy 1 Tr 3 BB 9-7 BB 3-13	206
					1999	6	12	12	Spice	Telstar 7 Tr 4 BB 3-8 BB 3-13	492
					2497	7	17	17	Ten Blox	Telstar 7 Tr 4 BB 3-8 BB 3-13	493
					2496	3	14	14	Ten Clips	Telstar 7 Tr 24 BB 3-2 BB 3-13	495
					2495	4	15	15	Ten	Telstar 7 Tr 24 BB 3-2 BB 3-13	494
	City of Syracuse only				2099	1	11	11	Fire Department	BB 3-5 BB 3-13	88
					1583	11	111	111	For Kids Only MUS39	Satcom C3 Tr 9 BB 10-1 BB 3-13	739
					1575	12	121	121	Reggae MUS31	Satcom C3 Tr 9 BB 10-1 BB 3-13	731
					1552	13	131	131	Smooth R&B MUS8	Satcom C3 Tr 9 BB 10-1 BB 3-13	708
					1545	5	55	55	Showcase MUS1	Satcom C3 Tr 9 BB 10-1 BB 3-13	701
					1548	6	66	66	Americana MUS4	Satcom C3 Tr 9 BB 10-1 BB 3-13	704
					1559	7	77	77	Electronica MUS15	Satcom C3 Tr 9 BB 10-1 BB 3-13	715
					1554	8	88	88	Rock MUS11	Satcom C3 Tr 9 BB 10-1 BB 3-13	711
					1591	51	51	51	Americana MUS47	Satcom C3 Tr 9 BB 10-1 BB 3-13	747
					1590	50	50	50	Mexicana MUS46	Satcom C3 Tr 9 BB 10-1 BB 3-13	746
					1549	9	99	99	Bluegrass MUS5	Satcom C3 Tr 9 BB 10-1 BB 3-13	705
					1584	10	101	101	Snds of Season MUS40	Satcom C3 Tr 9 BB 10-1 BB 3-13	740
6A QUAD ASI SLOT 3 PORT 2	QAM9	657 MHz	101	256	2923	1	1	1	INDemand 23	Telstar 7 Tr 3 BB 10-4 BB 8-12	413
	9 Video				2924	2	2	2	INDemand 24	Telstar 7 Tr 3 BB 10-4 BB 8-12	414
	BMR 2				2925	3	3	3	INDemand 25	Telstar 7 Tr 3 BB 10-4 BB 8-12	415
					2926	4	4	4	INDemand 26	Telstar 7 Tr 3 BB 10-4 BB 8-12	416
					2927	5	5	5	INDemand 27	Telstar 7 Tr 3 BB 10-4 BB 8-12	417
					2928	6	6	6	INDemand 28	Telstar 7 Tr 3 BB 10-4 BB 8-12	418
					2929	7	7	7	INDemand 29	Telstar 7 Tr 3 BB 10-4 BB 8-12	419
					9037	300	300	300	TNT HD	BB 7-3 BB8-12	821
					1127	10	10	10	Fine Living	Telstar 7 Tr 3 BB 10-4 BB 8-12	159
					1948	9	9	9	IControl Barker	Telstar 7 Tr 3 BB 10-4 BB 8-12	N/A
QUAD ASI SLOT 2 PORT 3	QAM10	663 MHz	102	256	1183	1	59	59	TRIO	G1RT24 - BB3-4 - BB2-11	152
	11 Video				1185	2	60	60	Newsworld Int	G1RT24 - BB3-4 - BB2-11	134
					2106	8	54	54	FOX Sports World	C3T1 - BB2-7 - BB2-11	106
		BMR 1			1141	1	56	56	Bet on Jazz	G11T3 - BB2-1 - BB2-11	145
					1150	3	57	57	Ovation	G11T13 - BB3-4 - BB2-11	150
					7777	255	255	255	AonD Looping Barker		N/A
						4	4	4	Division RTE		254
					1162	2	58	58	Game Show Network	C3T8 - BB3-4 - BB2-11	162
					1350	1	52	52	Disney E	G5T1 - RTE - BB2-5 - BB2-11	170
					1351	1	53	53	Disney W	G1T7 - BB3-3 - BB2-11	171
					1106	1	2	2	Outdoor Channel	G10T24 - BB2-4 - BB2-11	105

QUAD ASI SLOT 4 PORT 1	QAM11	669 MHz	103	256	1120	2	2	2	Discovery Kids	Satcom C3 Tr 22 BB 3-5 BB 7-14	120
	13 Video				1121	3	3	3	Discovery Science	Satcom C3 Tr 22 BB 3-5 BB 7-14	121
					2132	1	1	1	Discovery Health	Satcom C3 Tr 22 BB 3-5 BB 7-14	123
		BMR 1			1122	7	4	4	Discovery Wings	Satcom C3 Tr 22 BB 3-5 BB 7-14	122
					1213	5	55	55	Discovery Civilizations	Satcom C3 Tr 22 BB 3-5 BB 7-14	124
					1212	4	54	54	Discovery Home & L.	Satcom C3 Tr 22 BB 3-5 BB 7-14	125
					1124	6	50	50	BBC America	Satcom C3 Tr 22 BB 3-5 BB 7-14	129
					2113	7	7	7	FUEL	BB 7-8 BB 7-14	240
					5061	40	43	43	IFC	T7T14 - BB3-6 - BB7-14	209
					1104	5	48	48	Speed Channel	C3T1 - BB2-7 - BB7-14	103
					1377	6	6	6	Sundance	BB 10-8 BB 7-14	115
					1110	4	52	52	TCM	Galaxy 1R Tr 15 BB 7-4 BB 7-14	110
					1133	1	53	53	CNN-FN	Galaxy 1R Tr 15 BB 7-4 BB 7-14	132
					1341	7	7	7	TMC 2	Satcom C3 Tr 19 BB 10-8 BB 9-11	351
QUAD ASI SLOT 6 PORT 3	QAM12	675 MHz	104	256	1340	4	4	4	TMC	Satcom C3 Tr 19 BB 10-8 BB 9-11	350
	13 Video				1352	8	8	8	Showtime Beyond	Satcom C3 Tr 19 BB 10-8 BB 9-11	344
		BMR 1			1323	9	9	9	Showtime Extreme	Satcom C3 Tr 19 BB 10-8 BB 9-11	343
					1322	3	3	3	Showtime 3	Satcom C3 Tr 19 BB 10-8 BB 9-11	342
					1321	2	2	2	Showtime Too	Satcom C3 Tr 19 BB 10-8 BB 9-11	341
					1320	1	1	1	Showtime East	Satcom C3 Tr 19 BB 10-8 BB 9-11	340
					1324	5	5	5	FLIX	Satcom C3 Tr 19 BB 10-8 BB 9-11	18 Wtwn
	Analog Everywhere except North Country				1114	10	108	108	Lifetime Movie Ntwk	T7T14 - BB3-6 - BB9-11	112
					1949	1	11	11	SOD iCONTROL Barker	C3 T16 BB 7-5 BB 9-11	N/A
					1190	50	50	50	MuchMusic	T7T14 - BB3-6 - BB 9-11	143
					1181	4	109	109	Bloomberg	C3T8 - BB3-1 - BB 9-11	135
					1112	7	45	45	FXM	C3T1 - BB2-7 - BB 9-11	208
	QAM13	711MHz	110	256	1600	1	1	1	NBA / WNBA CH.	GE 1 Tr 8 BB 9-3 BB 7-13	460
	14 Video				1601	2	12	12	NBA / WNBA PPV 2	GE 1 Tr 8 BB 9-3 BB 7-13	462
QUAD ASI SLOT 14 PORT 1		BMR 2			1602	3	13	13	NBA / WNBA PPV 4	GE 1 Tr 8 BB 9-3 BB 7-13	464
					1603	4	14	14	NBA / WNBA PPV 6	GE 1 Tr 8 BB 9-3 BB 7-13	466
					1604	5	15	15	NBA / WNBA PPV 8	GE 1 Tr 8 BB 9-3 BB 7-13	468
					1605	6	16	16	NBA / WNBA PPV 10	GE 1 Tr 8 BB 9-3 BB 7-13	470
					1471	2	2	2	ESPN sports pkg 1	G7 (G11) Tr 8 Hits Feed (KU)	472
					1472	3	3	3	ESPN sports pkg 2	G7 (G11) Tr 8 Hits Feed (KU)	473
					1473	4	4	4	ESPN sports pkg 3	G7 (G11) Tr 8 Hits Feed (KU)	474
					1474	5	5	5	ESPN sports pkg 4	G7 (G11) Tr 8 Hits Feed (KU)	475
					1475	6	6	6	ESPN sports pkg 5	G7 (G11) Tr 8 Hits Feed (KU)	476
					1476	7	7	7	ESPN sports pkg 6	G7 (G11) Tr 8 Hits Feed (KU)	477
					1477	8	8	8	ESPN sports pkg 7	G7 (G11) Tr 8 Hits Feed (KU)	478
					1478	10	10	10	ESPN sports pkg 8	G7 (G11) Tr 8 Hits Feed (KU)	479
	QAM14	717 MHz	111	256	9001	1	1	1	NHL / MLB 1	GE 1 Tr 13 BB 9-5 BB 9-11	480
	9 Video	BMR2			9002	2	2	2	NHL / MLB 2	GE 1 Tr 13 BB 9-5 BB 9-11	481
QUAD ASI SLOT 2 PORT 2	1 HD				9003	3	3	3	NHL / MLB 3	GE 1 Tr 13 BB 9-5 BB 9-11	482
	8 Music				9004	4	4	4	NHL / MLB 4	GE 1 Tr 13 BB 9-5 BB 9-11	483
					9005	5	5	5	NHL / MLB 5	GE 1 Tr 13 BB 9-5 BB 9-11	484
					9006	6	6	6	NHL / MLB 6	GE 1 Tr 13 BB 9-5 BB 9-11	485
					9008	8	8	8	NHL / MLB 8	GE 1 Tr 13 BB 9-5 BB 9-11	487
					9009	9	9	9	NHL / MLB 9	GE 1 Tr 13 BB 9-5 BB 9-11	488
					1306	51	51	51	HBO East HDTV	Telstar 7 Tr 17 BB 9-4 BB 9-11	800
					1951	40	40	40	HBO Barker	BB 9-4 BB 9-11	
					1589	43	43	43	Mexicana	Satcom C3 Tr 9 BB 10-1 BB 9-11	745
					1588	44	44	44	Latin Love Songs	Satcom C3 Tr 9 BB 10-1 BB 9-11	744
					1584	45	45	45	Party Favorites	Satcom C3 Tr 9 BB 10-1 BB 9-11	720
					1580	46	46	46	Show Tunes	Satcom C3 Tr 9 BB 10-1 BB 9-11	736
					1578	47	47	47	Opera	Satcom C3 Tr 9 BB 10-1 BB 9-11	734
					1566	48	48	48	New Wave	Satcom C3 Tr 9 BB 10-1 BB 9-11	722
6A QUAD ASI 7 PORT 1					1587	49	49	49	Rock en Espanol	Satcom C3 Tr 9 BB 10-1 BB 9-11	743
					1586	42	42	42	Salsa Merengue	Satcom C3 Tr 9 BB 10-1 BB 9-11	742
	QAM15	735 MHz	114	256	1359	6	6	6	Starz12 West	Satcom C4 Tr 5	363
	7 Video				1361	8	8	8	Starz14 Family West	Satcom C4 Tr 5	365
					1126	20	20	20	Biography	T7-T14 BB3-6 BB2-14	130
	Rmux ad	172.16.4.249			1125	30	30	30	History Int	T7-T14 BB3-6 BB2-14	127
					1360	7	7	7	Bet Movies West	Satcom C4 Tr 5	369
					1131	1	46	46	Court TV	C3T6 - BB2-8 - BB2-12	131
					1160	1	1	107	Style	C3T8 - BB3-1 - BB2-12	160

T 16 IT 1	QAM16	741MHz	115	256	1353	1	1	1	Showtime Next	Satcom C3 Tr 16 BB 7-6 BB 8-11	345
	1-HDTV, 8 std				1355	3	3	3	Showtime Women	Satcom C3 Tr 16 BB 7-6 BB 8-11	346
	BMR 2				1354	2	2	2	Showtime Family	Satcom C3 Tr 16 BB 7-6 BB 8-11	347
					2112	7	7	7	NBA TV	BB 4-3 BB 8-11	241
					1378	3	3	4	Good Life	BB 4-5 BB 8-11	119
QUAD ASI SLOT 7 PORT 2					2114	12	12	12	College Sports	BB 4-5 BB 8-11	242
					1356	8	8	8	Showtime HDTV	Satcom C3 Tr 16 BB 7-4 BB 8-11	801
	QAM17	633 MHz	92	256	1208	4	1	1	VH1 Classic	Satcom C3 Tr 15	144
	11 Video				1209	8	2	2	Nick GAS	Satcom C3 Tr 15	175
	Rmux ad	172.16.4.224			1210	10	3	3	Nick Too	Satcom C3 Tr 15	174
					1211	1	4	4	International Channel	Galaxy 11 Tr 24	139
					1214	5	8	8	Boomerang	Galaxy 1R Tr 15	176
					1215	70	10	10	Do-It-Yourself	Telstar 7 Tr 14	138
					1216	80	9	9	Tech TV	Telstar 7 Tr 14	137
					1163	4	14	14	America's Store	G1T24 - BB3-4 - BB2-14	163
					1182	1	5	5	MTV2	C3T15	142
					1184	7	7	7	Noggin	C3T15	173
					1221	80	80	80	CNBC World	Telstar 7 Tr 14	136
	QAM18	747MHz	116	256	3103	1	4	4	MC Concerts - RTE	Satcom C4 Tr 5 BB8-1 - BB3-14	254
	10 Video				9031	1	5	5	Weather Now	BB8-3 - BB3-14	210
QUAD ASI SLOT 15 PORT 2	BMR 1				1065	8	8	8	Lifetime Real Women	BB 2-3 - BB3-14	112
	Colgate only				1079	1	1	1	Univision	BB8-2 - BB3-14	
					7778	254	254	254	MY AOL Looping Barker	SC Node 14724 BB7-7 BB3-14	
					1606	1	11	11	NBA / WNBA PPV 1	GE 1 Tr 14 BB 10-7 BB 3-14	481
					1607	2	12	12	NBA / WNBA PPV 3	GE 1 Tr 14 BB 10-7 BB 3-14	463
					1608	3	13	13	NBA / WNBA PPV 5	GE 1 Tr 14 BB 10-7 BB 3-14	485
					1609	4	14	14	NBA / WNBA PPV 7	GE 1 Tr 14 BB 10-7 BB 3-14	467
					1610	5	15	15	NBA / WNBA PPV 9	GE 1 Tr 14 BB 10-7 BB 3-14	469
					1611	6	16	16	NBA / WNBA PPV 11	GE 1 Tr 14 BB 10-7 BB 3-14	471
QUAD ASI SLOT 14 PORT 2	QAM 19	693MHz			2085	1	1	1	WCNY SD/HD1	BB 4-7 BB 9-12	850
	BMR 2				2066	2	2	2	UWCNY KIDS	BB 4-8 BB 9-12	851
	2 HD				2067	3	3	3	WCNY YOU	BB 4-8 BB 9-12	852
	2 SD				2068	1	4	4	CBS HD	BB 4-4 BB 9-12	855
	QAM 20	687/NA MHz			1005	2	2	2	WSTM HD	BB 7-5 BB 7-12	863
QUAD ASI SLOT 14 PORT 3	2 HD	BMR1			7001	2	3	3	WIXT HD	BB9-1 BB 7-12	889
	QAM21	585 MHz	84	256	3211	1	2	2	Mun 2 - Spanish	Satcom C3 T20 BB3-7 BB8-11	614
	13				3220	3	3	3	CCTV-4 - Chinese	G11 T24 BB8-5 BB8-11	665
					3218	4	4	4	TV-Asia - Hindi	G11 T24 BB8-5 BB8-11	662
	BMR1				3216	5	5	5	RTN - Russian	G11 T24 BB7-3 BB8-11	656
					3204	7	6	6	Tennis	Telstar 7 Tr15 BB2-6 BB8-11	239
					3215	7	7	7	TV5 - French	G11 T24 BB7-3 BB8-11	653
					3222	8	8	8	SBN - Saigon	G11 T24 BB8-5 BB8-11	672
					3208	9	9	9	Disc Espanol	Satcom C3 T22 BB3-5 BB8-11	608
					3210	3	10	10	MTV Espanol	Satcom C3 T15 BB10-3 BB8-11	612
					3209	12	11	11	VH Uno	Satcom C3 T15 BB8-4 BB8-11	610
					3219	6	12	12	Zee TV - Hindi	G11 T24 BB8-6 BB8-11	663
					3217	13	13	13	RAI - Italian	G11 T24 BB7-3 BB8-11	659
					3223	14	14	14	ART - Arabic	G11 T24 BB7-3 BB8-11	675
QUAD ASI SLOT 15 PORT 3	QAM22	681MHz	105	256	3224	1	1	1	Empire Sports	GE5-4(KU)-RTE-BB7-1-BB8-12	234
	12				3206	1111	2	2	Sorpresa	Telstar 7 Tr24 - BB8-8 BB8-12	602
					3201	3	3	3	Fox Sports Central	Satcom C3 Tr1 BB2-7 BB8-12	238
	BMR 1				3214	4	4	4	Canal Sur	Telstar 7 Tr22 BB8-6 BB8-12	620
					3207	3	5	5	CNN Espanol	G1 T15 BB7-4 BB8-12	604
					3213	4	6	6	Video Role	Telstar 7 Tr 9U BB8-7 BB 8-12	618
					3203	9	8	8	Fox Sports Espanol	C3 T1 BB2-7 BB8-12	238
					3212	8	9	9	Puma	Telstar 7 Tr22 BB8-6 BB8-12	616
					3205	3	11	11	Cine Latino	Telstar 7 Tr22 BB8-6 BB8-12	600
					3200	2	12	12	Fox Sports Atlantic	C3 T1 BB2-7 BB8-12	235
					1997	6	49	49	Playboy	T7T15 - BB2-6 - BB8-12	491
					3202	4	14	14	Fox Sports Pacific	C3 T1 BB2-7 BB8-12	237
		651 Ilion			7036	2	2	2	WUTR HD	Ilion	889
		579 Potsdam and Watertown only			7002	2	2	2	WWNY HD	BB 3-1 BB 3-11	875
		BMR 3 in Watertown			7004	2	3	3	WWTI HD	BB 3-2 BB 3-11	889
SLOT 4 PORT 2	QAM 23	729MHz				1	1	1	InDemand HD1		815
						2	2	2	InDemand HD2		816

Rate Generator is on 4-1 on BMR 1

TIME WARNER CABLE - SYRACUSE DIVISION

Statement of Qualifications

System Name : Watertown

Employee Name : TIM AMES
System : Watertown

Title : FIELD ENGINEER

Qualifications

CIE 1
TECH 1 TIME WARNER NATIONAL TRAINING CENTER
19 YEARS CATV EXPERIENCE
VARIOUS TIME WARNER TRAINING COURSES

Employee Name : MARK FAVRET
System : Watertown

Title : HEADEND TECHNICIAN

Qualifications

7 YEARS CATV EXPERIENCE
VARIOUS TIME WARNER TRAINING COURSES

Employee Name : DENIS RHUBART
System : Watertown

Title : MAINTENANCE TECH.

Qualifications

18 YEARS CATV EXPERIENCE
VARIOUS TIME WARNER TRAINING COURSES

TIME WARNER CABLE - SYRACUSE DIVISION

Statement of Qualifications

System Name : Watertown

Employee Name : MATT JESSMAN
System : Watertown

Title : MAINTENCE TECH.

Qualifications

7 YEARS CATV EXPERIENCE
VARIOUS TIME WARNER TRAINING COURSES

System Name : Watertown

Date : 01/14/2005

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

Terminal Isolation Test

System Name : Watertown

Date : 01/14/2005

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.

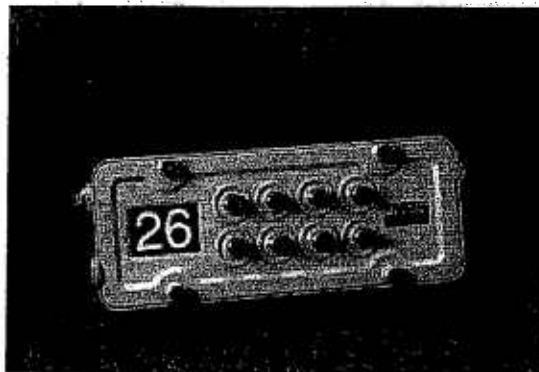
Instructions:

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.

Multimedia Stretch™ Taps

Description

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. Recently completed is an addressable version of the Multimedia Stretch Tap faceplate that introduces significant operating cost savings and new revenue-generating opportunities.



During the 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 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 resplicing
- Available in 2-, 4-, and 8-way versions
- Compatible with aerial or pedestal mounting
- Available space for future enhancements
- Durable powder paint coating for superior environmental protection

Multimedia Stretch Tap

The Multimedia Stretch Tap also provides an important level of network 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

2-, 4-, 8-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

- AL360T housing with powder paint coating and aluminum end plugs for environmental protection
- Sealed and swaged extended F-ports for enhanced resistance to moisture ingress
- Nickel-plated brass F-ports to ensure a corrosion-resistant drop interface
- Versatile housing design permits aerial, pedestal, or MDU mounting schemes
- Operating temperature from -40°C to $+60^{\circ}\text{C}$
- EMI shielding minimum 100 dB
- Pressure tested at 10 psi for 60 seconds under water.

Electrical Specifications

- Thru Continuous current 12 amps – 60/90 V AC
- Current limiting 250 mA @ 60°C , per drop
- Surge Resistance 1 kV
- Impedance 75 ohm
- Thru Hum Modulation 70 dB average @ 10 Amps
65 dB average @ 12 Amps
- Tap Port Hum Modulation 65 dB average

Standards Compliance

Scientific-Atlanta's 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

Environmental

- ASTM G 53 - weathering specification
- ASTM B 117 - salt spray specification
- ASTM D 3170 - chip resistance specification
- ASTM G 21 - fungus growth rate of zero
- EN 50083-1

Specifications and product availability are subject to change.

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 $+60^{\circ}\text{C}$

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

Multimedia Stretch Tap

2-Way

	Freq.	Tap Value																	
		4 dB		8 dB		11 dB		14 dB		17 dB		20 dB		23 dB		26 dB		29 dB	
	MHz	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max
Insertion Loss (dB)	5	-	-	3.45	3.85	1.91	2.22	1.18	1.5	0.85	1.12	0.76	1.1	0.76	1.1	0.76	1.1	0.76	1.1
	40	-	-	3.18	3.5	1.47	1.7	0.87	1.2	0.60	1.0	0.49	1.0	0.50	1.0	0.50	1.0	0.50	1.0
	50	-	-	3.20	3.5	1.47	1.7	0.87	1.2	0.61	1.0	0.49	1.0	0.49	1.0	0.49	1.0	0.49	1.0
	450	-	-	4.13	4.4	2.29	2.57	1.84	1.9	1.39	1.6	1.19	1.2	1.22	1.4	1.22	1.4	1.22	1.4
	550	-	-	4.00	4.2	2.36	2.6	1.73	2.0	1.49	1.8	1.26	1.5	1.30	1.5	1.30	1.5	1.30	1.5
	750	-	-	3.69	4.0	2.40	3.0	1.82	2.2	1.60	1.9	1.34	1.8	1.38	1.8	1.38	1.8	1.38	1.8
	870	-	-	3.97	4.4	2.55	3.0	1.97	2.3	1.78	2.0	1.43	1.8	1.46	1.8	1.46	1.8	1.46	1.8
	1000	-	-	4.67	5.1	2.86	3.4	1.99	2.4	1.78	2.2	1.36	1.9	1.35	1.9	1.35	1.9	1.35	1.9
Tap Loss (dB) (Max tolerance ±1 dB)	5	4.98	5.0	7.76	9.0	11.39	12.0	13.79	15.0	16.68	18.0	19.87	21.0	22.71	24.0	25.87	27.0	29.27	30.0
	40	4.31	5.0	7.40	9.0	11.45	12.0	13.84	15.0	16.48	18.0	19.89	21.0	22.60	24.0	25.65	27.0	28.92	30.0
	50	4.10	5.0	7.40	9.0	11.44	12.0	13.82	15.0	16.43	18.0	19.86	21.0	22.58	24.0	25.64	27.0	28.90	30.0
	450	4.79	5.0	7.95	9.0	11.31	12.0	13.66	15.0	16.74	18.0	19.51	21.0	22.16	24.0	25.27	27.0	28.29	30.0
	550	4.44	5.0	8.10	9.0	11.24	12.0	13.63	15.0	16.84	18.0	19.31	21.0	22.06	24.0	25.29	27.0	28.20	30.0
	750	4.55	5.0	8.40	9.0	11.50	12.0	13.66	15.0	16.94	18.0	19.51	21.0	22.50	24.0	26.01	27.0	28.74	30.0
	870	4.87	5.0	8.48	9.5	11.69	12.5	13.92	15.5	17.21	18.0	19.87	21.0	22.90	24.0	26.55	27.0	29.23	30.0
	1000	4.97	5.5	8.56	9.5	11.17	12.6	13.67	15.5	16.39	18.0	19.56	21.0	22.65	24.0	26.37	27.5	28.96	30.0
Return Loss (dB, min)	5	15		14		12		13		14		14		14		14		14	
	10	14		15		15		15		15		15		15		15		15	
	50	15		15		15		15		15		15		15		15		15	
	750	15		15		15		15		15		15		15		15		15	
	870	15		15		15		15		15		15		15		15		15	
	1000	15		14		14		14		15		15		15		15		15	
Tap-to-Tap Isolation (dB,min)	5	18		18		18		18		18		18		18		18		18	
	750	18		18		18		18		18		18		18		18		18	
	1000	18		18		18		18		18		18		18		18		18	
Out-to-Tap Isolation	5	-		18		20		20		22		25		25		35		35	
	750	-		18		20		22		22		25		25		35		35	
	1000	-		18		20		22		22		25		25		35		35	

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	563542	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
	SAT STM2-22	562114	Multimedia Stretch Tap Module 22 dB
	SAT STM2-25	562115	Multimedia Stretch Tap Module 25 dB

Multimedia Stretch Tap 4-Way

	Freq.	Tap Value															
		8 dB		11 dB		14 dB		17 dB		20 dB		23 dB		26 dB		29 dB	
	MHz	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max
Insertion Loss (dB)	5	-	-	3.45	3.6	1.91	2.2	1.16	1.5	0.85	1.2	0.76	1.1	0.76	1.1	0.76	1.1
	40	-	-	3.18	3.5	1.47	1.7	0.87	1.2	0.60	1.0	0.49	1.0	0.50	1.0	0.50	1.0
	50	-	-	3.20	3.5	1.47	1.7	0.87	1.2	0.61	1.0	0.49	1.0	0.49	1.0	0.49	1.0
	450	-	-	4.13	4.4	2.29	2.7	1.64	1.9	1.39	1.6	1.19	1.4	1.22	1.4	1.22	1.4
	550	-	-	4.00	4.2	2.36	2.8	1.73	2.0	1.49	1.8	1.26	1.5	1.30	1.6	1.30	1.6
	750	-	-	3.69	3.9	2.40	2.8	1.82	2.2	1.60	1.9	1.34	1.6	1.38	1.8	1.38	1.8
	870	-	-	3.97	4.2	2.55	3.0	1.97	2.3	1.78	2.0	1.43	1.8	1.46	1.8	1.46	1.8
	1000	-	-	4.67	5.1	2.86	3.4	1.99	2.4	1.78	2.2	1.36	1.9	1.35	1.9	1.35	1.9
Tap Loss (dB) (Max tolerance ±1 dB)	5	8.15	9.0	10.86	12.0	14.18	16.0	16.67	18.0	19.95	21.0	22.89	23.5	25.70	26.5	28.70	29.5
	40	7.58	8.0	10.58	12.0	14.57	16.0	17.03	18.0	19.67	21.0	23.05	23.5	25.82	26.5	28.81	29.5
	50	7.38	8.0	10.58	12.0	14.55	16.0	17.02	18.0	19.63	21.0	23.03	23.5	25.80	26.5	28.80	29.5
	450	7.86	9.0	11.11	12.0	14.51	16.0	16.75	18.0	20.00	21.0	22.77	23.5	25.57	26.5	28.62	29.5
	550	7.56	8.0	11.38	12.0	14.43	16.0	16.72	18.0	20.27	21.0	22.59	23.5	25.52	26.5	28.61	29.5
	750	7.74	9.0	11.72	12.5	14.80	16.0	16.76	18.0	20.24	21.0	22.85	23.5	25.67	26.5	29.12	29.5
	870	8.12	9.5	12.27	13.0	15.04	16.5	17.15	18.5	20.69	21.0	23.37	24.0	26.21	27.0	29.66	30.0
	1000	8.73	9.5	12.44	13.5	15.18	16.5	17.11	18.5	20.50	21.0	23.60	24.0	26.31	27.0	30.04	30.5
Return Loss (dB, min)	5	14		14		12		14		14		14		14		14	
	10	14		15		14		15		15		15		15		15	
	50	15		15		15		15		15		15		15		15	
	750	14		15		15		15		15		15		15		15	
	870	15		15		15		15		15		15		15		15	
	1000	15		14		15		14		14		14		15		14	
Tap-to-Tap Isolation (dB, min)	5	18		18		18		18		18		18		18		18	
	750	18		18		18		18		18		18		18		18	
	1000	18		18		18		18		18		18		18		18	
Out-to-Tap Isolation	5	-		18		20		22		25		25		35		35	
	750	-		18		20		22		25		25		35		35	
	1000	-		18		20		22		25		25		35		35	

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 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
Faceplate Assembly	SAT STF-4	563543	Multimedia Stretch Tap 4-Way Faceplate Assembly
Directional Coupler Module	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
	SAT STM-25	562115	Multimedia Stretch Tap Module 25 dB

Multimedia Stretch Tap

8-Way

	Freq.	Tap Value													
		11 dB		14 dB		17 dB		20 dB		23 dB		26 dB		29 dB	
	MHz	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max
Insertion Loss (dB)	5	-	-	3.45	3.65	1.91	2.2	1.16	1.5	0.85	1.2	0.76	1.1	0.76	1.1
	40	-	-	3.18	3.5	1.47	1.7	0.87	1.2	0.60	1.0	0.49	1.0	0.50	1.0
	50	-	-	3.20	3.5	1.47	1.7	0.87	1.2	0.61	1.0	0.49	1.0	0.49	1.0
	450	-	-	4.13	4.4	2.29	2.7	1.64	2.0	1.39	1.8	1.19	1.6	1.22	1.6
	550	-	-	4.00	4.2	2.36	2.8	1.73	2.0	1.49	1.8	1.26	1.6	1.30	1.5
	750	-	-	3.69	3.9	2.40	2.8	1.82	2.2	1.60	1.9	1.34	1.8	1.38	1.8
	870	-	-	3.97	4.2	2.55	2.9	1.97	2.3	1.78	2.0	1.43	1.8	1.46	1.8
	1000	-	-	4.67	5.1	2.86	3.4	1.99	2.5	1.78	2.2	1.36	1.9	1.35	2.0
Tap Loss (dB) (Max tolerance ±1 dB)	5	11.34	12.0	14.50	15.0	17.71	19.0	20.21	21.0	23.43	24.0	26.13	27.0	28.93	30.5
	40	10.84	12.0	13.91	15.5	17.82	19.0	20.34	21.0	22.79	24.0	26.16	27.0	29.07	30.5
	50	10.62	12.0	13.90	15.5	17.79	19.0	20.31	21.0	22.80	24.0	26.20	27.0	29.06	30.5
	450	11.07	12.0	14.56	15.5	17.77	19.0	20.18	21.0	23.28	24.0	25.95	27.0	28.87	30.5
	550	11.17	12.0	14.85	15.5	17.95	19.0	20.24	21.0	23.53	24.0	25.96	27.0	28.84	30.5
	750	11.33	12.5	15.55	18.5	18.52	19.0	20.44	21.0	23.94	24.0	26.28	27.0	29.25	30.5
	870	11.87	13.0	16.18	17.0	18.96	20.0	20.92	22.0	24.53	25.0	26.78	28.0	30.08	31.0
	1000	12.35	13.5	16.34	17.5	19.05	20.0	21.08	22.0	24.48	25.0	27.06	28.0	30.48	31.5
Return Loss (dB, min)	5	14		14		12		14		14		14		14	
	10	14		15		15		15		15		15		15	
	50	15		15		15		15		15		15		15	
	750	14		15		15		15		15		15		15	
	870	15		15		14		15		15		15		15	
	1000	15		14		14		14		14		14		14	
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	5	-		20		22		25		25		35		35	
	750	-		20		22		25		25		35		35	
	1000	-		20		22		25		25		35		35	

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 ST8-11	562751	Multimedia Stretch Tap 8-Way 11 dB
	SAT ST8-14	562752	Multimedia Stretch Tap 8-Way 14 dB
	SAT ST8-17	562753	Multimedia Stretch Tap 8-Way 17 dB
	SAT ST8-20	562754	Multimedia Stretch Tap 8-Way 20 dB
	SAT ST8-23	562755	Multimedia Stretch Tap 8-Way 23 dB
	SAT ST8-26	562756	Multimedia Stretch Tap 8-Way 26 dB
	SAT ST8-29	562757	Multimedia Stretch Tap 8-Way 29 dB
Faceplate Assembly	SAT STF-8	563544	Multimedia Stretch Tap 8-Way Faceplate Assembly
Directional coupler Module	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
	SAT STM-25	562115	Multimedia Stretch Tap Module 25 dB

Other Stretch Tap Accessories

- DC/EQ Plug-in modules
- Addressable Multimedia Stretch Taps
- Multimedia Stretch Taps with Technician Access



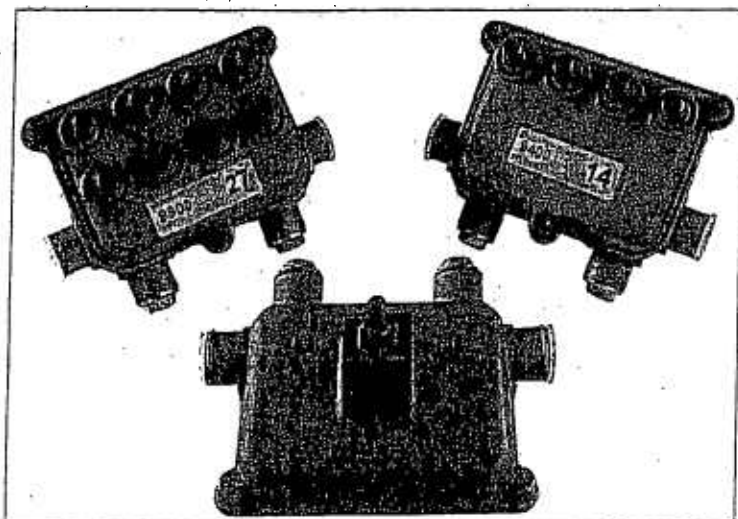
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Part Number 571710 Rev D
December 1999

9000-L-PBT Series



The 9000-L Power Bypass Tap series is a 1 GHz multi-tap device that taps off part of the input RF, allowing the remaining signal to pass through. The tapped-off signal is divided into multiple outputs.

- Improved power passing circuitry handles 12 Amps continuous current.
- Improved low-frequency performance (5 MHz) increases return bandwidth.
- Increased hard-line port lengths improve heat shrink/weather seal.
- Continuous RF signal and AC power bypass circuit eliminates service interruptions when faceplates are removed.
- A 90° rotating seizure mechanism makes installation easy.
- Backward compatible housings ease field upgrades.

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

Philips 9000-L-PBT series 1 GHz multi-taps are available in two-way, four-way, and eight-way models that offer two-, four-, and eight-tap ports, respectively. It is a compact tap which fits easily into a 6-inch pedestal.

The aluminum die-cast housing is pressure tested to 10 psi and coated with a protective finish, providing excellent corrosion resistance. Rubber boots inside the brass SCTE F-ports provide water resistance. A single alloy at contact points eliminates the galvanic couple and corrosion that accompanies aluminum-to-brass connections. 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 which can originate from the subscriber home. This capacitor provides additional protection from transients traveling on subscriber drop cables.

The power bypass assembly, located in the housing, prevents interruptions in power and RF service when faceplates are removed. The 12-Amp current rating (for assembly) meets future system requirements.

The 9000-L-PBT series multi-taps all share these standard features:

- 15-Amp current handling capability;
- 1 GHz bandwidth capacity;

- brass SCTE F-ports with drip lips and rubber boots;
- environmental coating, which provides excellent corrosion resistance;
- interchangeable 9000-L-PBT faceplates;
- strip gauges and heat-shrink ridges for easy installation;
- 2.5 kV surge resistance, which meets ANSI/IEEE C62.41-1991, Class B, 2500 V surge;
- network power capacity of 90 VDC and VAC up to 60 Hz;
- easy upgrade to telephony with F-port powered 9000T-FP Series or twisted pair 9000T-TP Series faceplates; and
- faceplates that fit in 8000 series housings for easy upgrade to 1 GHz.



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Worst Case Specifications

800-L-PBT 8-Way Series

	9812	9815	9818	9821	9824	9827	9830	Units
Tap Value	12.0	15.5	18.0	21.0	24.0	27.0	30.0	dB
Bandwidth	5 to 1000							MHz
Color Code	Gold	White	Blue	Green	Purple	Yellow	Red	
Tolerance								
5 to 10 MHz	2.0	2.5	2.0	2.5	2.5	2.5	2.5	± dB
10 to 20 MHz	1.7	2.5	1.5	2.5	2.5	2.5	2.5	± dB
20 to 900 MHz	1.8	2.0	1.5	1.5	1.5	1.5	1.5	± dB
900 to 1000 MHz	2.3	2.5	1.9	2.4	2.1	2.1	2.1	± dB
Insertion Loss (in-out, maximum)								
5 MHz	—	3.8	2.2	1.4	1.0	0.9	0.8	dB
10 MHz	—	3.8	2.1	1.2	0.8	0.8	0.7	dB
30 MHz	—	3.5	2.5	1.0	0.7	0.7	0.7	dB
50 MHz	—	3.5	1.9	1.0	0.7	0.7	0.7	dB
100 MHz	—	4.0	1.8	1.2	0.7	0.7	0.7	dB
330 MHz	—	4.2	2.1	1.3	0.9	0.8	0.8	dB
450 MHz	—	4.4	2.3	1.3	0.9	0.9	0.9	dB
550 MHz	—	4.5	2.4	1.4	1.1	1.0	0.9	dB
600 MHz	—	4.7	2.6	1.4	1.1	1.1	0.9	dB
750 MHz	—	5.1	2.8	1.6	1.3	1.2	1.2	dB
862 MHz	—	5.3	3.2	1.8	1.4	1.4	1.4	dB
1000 MHz	—	5.4	3.5	2.2	1.8	1.6	1.4	dB
Flatness (maximum)								
10 to 1000 MHz	0.35	0.35	0.35	0.35	0.35	0.35	0.35	± dB
Tap-to-Out Isolation (minimum)								
5 to 6 MHz	—	21	21	24	27	30	33	dB
6 to 10 MHz	—	21	22	26	29	32	34	dB
10 to 30 MHz	—	21	24	27	30	34	37	dB
30 to 750 MHz	—	27	30	32	34	38	40	dB
750 to 1000 MHz	—	25	28	30	33	34	36	dB
Tap-to-Tap Isolation (minimum)								
5 to 10 MHz	15	15	15	15	15	15	15	dB
10 to 30 MHz	20	20	20	20	20	20	20	dB
30 to 450 MHz	25	25	25	25	25	25	25	dB
450 to 750 MHz	23	23	23	23	23	23	23	dB
750 to 1000 MHz	20	20	20	20	20	20	20	dB

continued

Specifications are subject to change without notice.

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9800-L-PBT 8-Way Series

	9812	9815	9818	9821	9824	9827	9830	Units
Return Loss In and Out (minimum)								
5 to 10 MHz	15	13	15	15	15	15	15	dB
10 to 30 MHz	17	18	17	17	17	17	17	dB
30 to 600 MHz	18	18	18	18	18	18	18	dB
600 to 900 MHz	17	17	17	17	17	17	17	dB
900 to 1000 MHz	15	15	15	15	15	15	15	dB
Return Loss Tap (minimum)								
5 to 10 MHz	15	15	15	15	15	15	15	dB
10 to 30 MHz	15	15	15	15	15	15	15	dB
30 to 600 MHz	18	18	18	18	18	18	18	dB
600 to 900 MHz	16	16	16	16	16	16	16	dB
900 to 1000 MHz	15	15	15	15	15	15	15	dB
Hum Modulation @ 12 Amps (maximum)								
5 to 10 MHz	-	-58	-58	-58	-58	-58	-58	dB
10 to 50 MHz	-	-64	-64	-64	-64	-64	-64	dB
50 to 600 MHz	-	-70	-70	-70	-70	-70	-70	dB
600 to 750 MHz	-	-64	-64	-64	-64	-64	-64	dB
750 to 1000 MHz	-	-60	-60	-60	-60	-60	-60	dB
RFI Isolation								
5 to 600 MHz	-100	-100	-100	-100	-100	-100	-100	dB
600 to 1000 MHz	-90	-90	-90	-90	-90	-90	-90	dB
Continuous Current (maximum)	0	12	12	12	12	12	12	Amps
Voltage Passing Capacity (maximum) DC, AC up to 60 Hz	90	90	90	90	90	90	90	V
Surge Rating	ANSI/IEEE C62.41-1991, Class B, 2500 V							

Specifications are subject to change without notice.



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Worst Case Specifications

400-L-PBT 4-Way Series

	9408	9411	9414	9417	9420	9423	9426	9429	9432	9435	Units
Tap Value	8.0	11.5	14.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0	dB
Bandwidth	5 to 1000										MHz
Color Code	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	Brown	
Tolerance											
5 to 10 MHz	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	± dB
10 to 20 MHz	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	± dB
20 to 900 MHz	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	± dB
900 to 1000 MHz	1.5	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.8	2.0	± dB
Insertion Loss (in-out, maximum)											
5 MHz	-	3.8	2.1	1.5	1.1	1.1	0.8	0.8	0.8	0.8	dB
10 MHz	-	3.6	2.0	1.4	1.0	1.0	0.7	0.7	0.7	0.7	dB
30 MHz	-	3.5	1.8	1.1	0.7	0.7	0.5	0.5	0.5	0.5	dB
50 MHz	-	3.5	1.8	1.1	0.7	0.7	0.5	0.5	0.5	0.5	dB
100 MHz	-	4.0	1.8	1.1	0.8	0.7	0.5	0.5	0.5	0.5	dB
330 MHz	-	4.3	2.3	1.4	1.0	0.9	0.8	0.8	0.8	0.8	dB
450 MHz	-	4.3	2.3	1.4	1.0	0.9	0.8	0.8	0.8	0.8	dB
550 MHz	-	4.4	2.4	1.5	1.1	1.0	0.9	0.9	0.9	0.9	dB
600 MHz	-	4.7	2.5	1.5	1.1	1.0	0.9	0.9	0.9	0.9	dB
750 MHz	-	5.1	2.7	1.6	1.2	1.2	1.0	1.0	1.0	1.0	dB
162 MHz	-	5.2	3.0	1.8	1.4	1.4	1.1	1.1	1.1	1.1	dB
1000 MHz	-	5.4	3.3	2.1	1.6	1.6	1.4	1.4	1.4	1.4	dB
Flatness (maximum)											
10 to 1000 MHz	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	± dB
Tap-to-Out Isolation (minimum)											
5 to 6 MHz	-	17	19	21	25	29	30	32	35	38	dB
6 to 10 MHz	-	17	20	21	25	29	32	32	36	41	dB
10 to 30 MHz	-	20	21	22	27	30	34	34	36	42	dB
30 to 750 MHz	-	24	27	30	33	36	38	40	42	44	dB
750 to 1000 MHz	-	22	25	28	31	34	36	38	40	42	dB
Tap-to-Tap Isolation (minimum)											
5 to 10 MHz	15	15	15	15	15	15	15	15	15	15	dB
10 to 30 MHz	20	20	20	20	20	20	20	20	20	20	dB
30 to 450 MHz	25	25	25	25	25	25	25	25	25	25	dB
450 to 750 MHz	23	23	23	23	23	23	23	23	23	23	dB
750 to 1000 MHz	20	20	20	20	20	20	20	20	20	20	dB

continued

Specifications are subject to change without notice.

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9400-L-PBT 4-Way Series

	9408	9411	9414	9417	9420	9423	9426	9429	9432	9435	Units
Return Loss In and Out (minimum)											
5 to 10 MHz	15	13	15	15	15	15	15	15	15	15	dB
10 to 30 MHz	17	16	17	17	17	17	17	17	17	17	dB
30 to 600 MHz	18	18	18	18	18	18	18	18	18	18	dB
600 to 900 MHz	17	17	17	17	17	17	17	17	17	17	dB
900 to 1000 MHz	15	15	15	15	15	15	15	15	15	15	dB
Return Loss Tap (minimum)											
5 to 10 MHz	15	15	15	15	15	15	15	15	15	15	dB
10 to 30 MHz	16	16	16	16	16	16	16	16	16	16	dB
30 to 600 MHz	18	18	18	18	18	18	18	18	18	18	dB
600 to 900 MHz	16	16	16	16	16	16	16	16	16	16	dB
900 to 1000 MHz	15	15	15	15	15	15	15	15	15	15	dB
Hum Modulation @ 12 Amps, 60° C (maximum)											
5 to 10 MHz	-	-58	-58	-58	-58	-58	-58	-58	-58	-58	dB
10 to 50 MHz	-	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
50 to 600 MHz	-	-70	-70	-70	-70	-70	-70	-70	-70	-70	dB
600 to 750 MHz	-	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
750 to 1000 MHz	-	-60	-60	-60	-60	-60	-60	-60	-60	-60	dB
RFI Isolation											
5 to 600 MHz	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	dB
600 to 1000 MHz	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	dB
Continuous Current (maximum)	0	12	12	12	12	12	12	12	12	12	Amps
Voltage Passing Capacity (maximum) DC, AC up to 60 Hz	90	90	90	90	90	90	90	90	90	90	V
Surge Rating	ANSI/IEEE C62.41-1991, Class B, 2500 V										

Specifications are subject to change without notice.



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Worst Case Specifications

200-L-PBT 2-Way Series

	9204	9208	9211	9214	9217	9220	9223	9226	9229	9232	Units
Tap Value	4.0	8.0	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	dB
Bandwidth	5 to 1000										MHz
Color Code	Black	Orange	Gold	White	Blue	Green	Purple	Yellow	Red	Silver	
Tolerance											
5 to 10 MHz	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	± dB
10 to 20 MHz	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	± dB
20 to 900 MHz	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	± dB
900 to 1000 MHz	2.0	2.0	1.5	2.0	1.6	1.7	1.7	2.0	2.0	2.0	± dB
Insertion Loss (in-out, maximum)											
5 MHz	-	3.5	2.1	1.2	1.0	1.1	0.8	0.8	0.8	0.8	dB
10 MHz	-	3.4	2.0	1.0	0.9	1.0	0.6	0.6	0.6	0.6	dB
30 MHz	-	3.3	1.9	0.9	0.7	0.7	0.6	0.6	0.6	0.6	dB
50 MHz	-	3.3	1.8	0.9	0.7	0.7	0.6	0.6	0.6	0.6	dB
100 MHz	-	3.3	1.8	0.9	0.8	0.8	0.6	0.6	0.6	0.6	dB
330 MHz	-	3.8	2.0	1.1	1.0	0.9	0.7	0.7	0.7	0.7	dB
450 MHz	-	4.0	2.2	1.1	1.1	0.9	0.8	0.8	0.8	0.8	dB
550 MHz	-	4.2	2.3	1.2	1.1	1.0	0.9	0.9	0.9	0.9	dB
600 MHz	-	4.3	2.4	1.3	1.2	1.0	0.9	0.9	0.9	0.9	dB
750 MHz	-	4.7	2.6	1.4	1.3	1.2	1.0	1.0	1.0	1.0	dB
962 MHz	-	5.1	2.8	1.6	1.5	1.4	1.2	1.2	1.2	1.2	dB
1000 MHz	-	5.4	3.2	1.9	1.6	1.6	1.4	1.4	1.4	1.4	dB
Flatness (maximum)											
5 to 1000 MHz	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	± dB
Tap-to-Out Isolation (minimum)											
5 to 6 MHz	-	15	15	19	23	26	28	30	32	34	dB
6 to 10 MHz	-	15	15	19	23	28	30	33	34	36	dB
10 to 30 MHz	-	20	20	20	24	29	30	34	34	36	dB
30 to 750 MHz	-	22	24	26	30	33	36	38	40	42	dB
750 to 1000 MHz	-	20	22	25	28	31	34	36	38	40	dB
Tap-to-Tap Isolation (minimum)											
5 to 10 MHz	15	15	15	15	15	15	15	15	15	15	dB
10 to 30 MHz	20	19	20	20	20	20	20	20	20	20	dB
30 to 450 MHz	25	25	25	25	25	25	25	25	25	25	dB
450 to 750 MHz	23	23	23	23	23	23	23	23	23	23	dB
750 to 1000 MHz	20	20	20	20	20	20	20	20	20	20	dB

continued

Specifications are subject to change without notice.

3 June 2002



PHILIPS

9200-L-PBT 2-Way Series

	9204	9208	9211	9214	9217	9220	9223	9226	9229	9232	Units
Return Loss in and Out (minimum)											
5 to 10 MHz	15	14	15	15	15	15	15	15	15	15	dB
10 to 30 MHz	17	17	17	17	17	17	17	17	17	17	dB
30 to 600 MHz	18	18	18	18	18	18	18	18	18	18	dB
600 to 900 MHz	17	17	17	17	17	17	17	17	17	17	dB
900 to 1000 MHz	15	15	15	15	15	15	15	15	15	15	dB
Return Loss Tap (minimum)											
5 to 10 MHz	15	13	15	15	15	15	15	15	15	15	dB
10 to 30 MHz	16	16	16	16	16	16	16	16	16	16	dB
30 to 600 MHz	18	18	18	18	18	18	18	18	18	18	dB
600 to 900 MHz	16	16	16	16	16	16	16	16	16	16	dB
900 to 1000 MHz	15	15	15	15	15	15	15	15	15	15	dB
Hum Modulation @ 12 Amps, 60° C (maximum)											
5 to 10MHz	-	-58	-58	-58	-58	-58	-58	-58	-58	-58	dB
10 to 50 MHz	-	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
50 to 600 MHz	-	-70	-70	-70	-70	-70	-70	-70	-70	-70	dB
600 to 750 MHz	-	-64	-64	-64	-64	-64	-64	-64	-64	-64	dB
750 to 1000 MHz	-	-60	-60	-60	-60	-60	-60	-60	-60	-60	dB
RFI Isolation											
5 to 600 MHz	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	dB
600 to 1000 MHz	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	dB
Continuous Current (maximum)	0	12	12	12	12	12	12	12	12	12	Amps
Voltage Passing Capacity (maximum) DC, AC up to 60 Hz	90	90	90	90	90	90	90	90	90	90	V
Surge Rating	ANSI/IEEE C62.41-1991, Class B, 2500 V										

Specifications are subject to change without notice.



PHILIPS

3 June 2002

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TIME WARNER CABLE - SYRACUSE DIVISION

Converter and Trap Specifications

System Name : Watertown

Date : 01/14/2005

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.

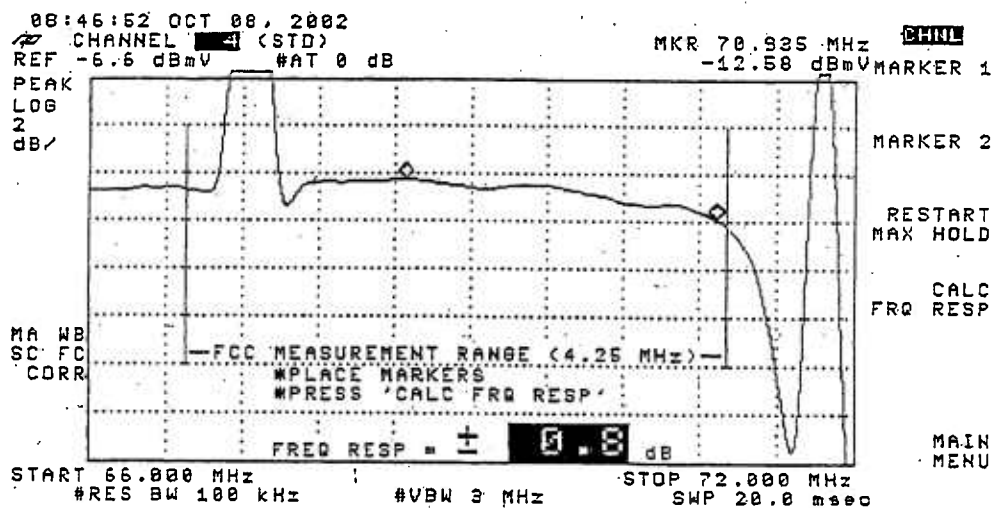
Instructions:

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.

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*, *HRC*, 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	35 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	• 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	• MPEG-1 • Layer 2 • 2 channel Musicam • AC-3
Supported sampling rates	• 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: • 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 ± 2 dB
	Stereo channel separation	• 25 dB at 3 kHz • 15 dB at 10 kHz
	Total harmonic distortion	1 kHz $< 3.5\%$
	Signal-to-noise ratio	• > 45 dB A-weighted • 25 kHz L+R deviation at 1 kHz
Analog service (SAP selected)	Frequency response	100 Hz to 8 kHz ± 2 dB
	Total harmonic distortion	1 kHz $< 3.0\%$
Digital service	Frequency response	20 Hz to 20 kHz ± 1.0 dB
	Signal to noise ratio	• > 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)	± 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	- Channel 3 - 61.25 MHz - Channel 4 - 67.25 MHz (channels are switchable)
RF output level	+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)	± 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. (550-860 MHz)	41 dB minimum unweighted
Output levels	• 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	• 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	• Straight to STT - 8 meters • Remote 30 degrees off center (all directions) • Remote 80 degrees up
Power	• 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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ESN* Single Channel Negative Traps

Typical Response

Model	Channel		Notch Depth	L.A.S.	Upper Video	High Frequency Loss
ESN-A-2*	A-2	98	-75 dB	-3.2 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-A-1	A-1	99	-75 dB	-3.5 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-A	A	14	-75 dB	-3.7 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-B	B	15	-75 dB	-4.0 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-C	C	16	-75 dB	-4.3 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-D	D	17	-75 dB	-4.6 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-E	E	18	-75 dB	-4.8 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-F	F	19	-75 dB	-5.1 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-G	G	20	-75 dB	-5.4 dB	-1.0 dB	-1.5 dB @ 860 MHz
ESN-H	H	21	-75 dB	-5.6 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-I	I	22	-75 dB	-5.9 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-7	7	7	-75 dB	-6.1 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-8	8	8	-75 dB	-6.3 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-9	9	9	-75 dB	-6.5 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-10	10	10	-75 dB	-6.6 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-11	11	11	-75 dB	-6.8 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-12	12	12	-75 dB	-7.0 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-13	13	13	-75 dB	-7.2 dB	-1.2 dB	-1.5 dB @ 860 MHz
ESN-J	J	23	-70 dB	-7.4 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-K	K	24	-70 dB	-7.6 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-L	L	25	-70 dB	-7.8 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-M	M	26	-70 dB	-8.1 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-N	N	27	-70 dB	-8.2 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-O	O	28	-70 dB	-8.4 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-P	P	29	-70 dB	-8.7 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-Q	Q	30	-70 dB	-9.0 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-R	R	31	-70 dB	-9.3 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-S	S	32	-70 dB	-9.6 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-T	T	33	-70 dB	-9.9 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-U	U	34	-70 dB	-10.1 dB	-1.4 dB	-2.0 dB @ 1 GHz
ESN-V	V	35	-70 dB	-10.3 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-W	W	36	-70 dB	-10.5 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-AA	AA	37	-70 dB	-10.6 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-BB	BB	38	-70 dB	-10.8 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-CC	CC	39	-70 dB	-11.0 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-DD	DD	40	-70 dB	-11.2 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-EE	EE	41	-70 dB	-11.3 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-FF	FF	42	-70 dB	-11.4 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-GG	GG	43	-70 dB	-11.5 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-HH	HH	44	-70 dB	-11.7 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-II	II	45	-70 dB	-12.0 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-JJ	JJ	46	-70 dB	-12.3 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-KK	KK	47	-70 dB	-12.6 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-LL	LL	48	-70 dB	-12.9 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-MM	MM	49	-70 dB	-13.2 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-NN	NN	50	-70 dB	-13.5 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-OO	OO	51	-70 dB	-13.8 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-PP	PP	52	-70 dB	-14.1 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-QQ	QQ	53	-70 dB	-14.3 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-RR	RR	54	-70 dB	-14.5 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-SS	SS	55	-70 dB	-14.8 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-TT	TT	56	-70 dB	-14.9 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-UU	UU	57	-70 dB	-15.1 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-VV	VV	58	-70 dB	-15.3 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-WW	WW	59	-70 dB	-15.5 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-XX	XX	60	-70 dB	-15.7 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-YY	YY	61	-70 dB	-15.9 dB	-1.8 dB	-2.0 dB @ 1 GHz
ESN-ZZ	ZZ	62	-70 dB	-16.1 dB	-1.8 dB	-2.0 dB @ 1 GHz

Patents #5148133, 5168251

Trap: Length is 3.56" / Diameter .825 / Specifications subject to change without notice

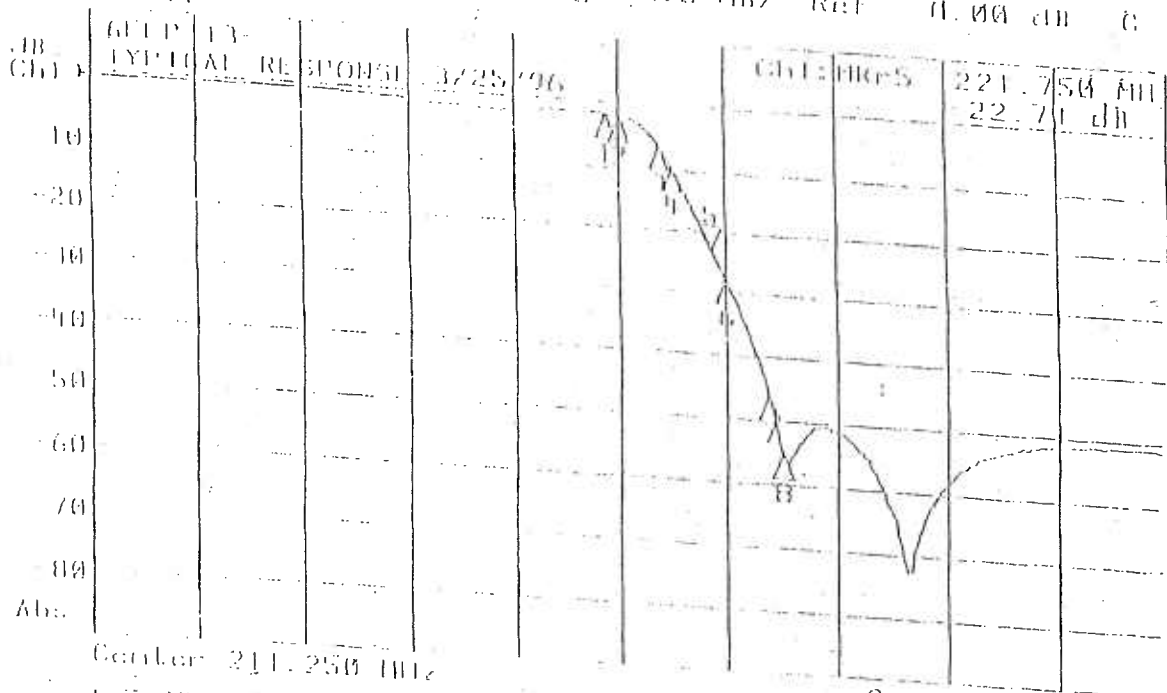


Corporate Headquarters: 4562 Waterhouse Road, Clay, NY 13041
 Telephone: (315) 622-3402 Toll Free 1-800-448-7474 Fax: (315) 622-3800
 Eagle Web Site: <http://www.eaglefilters.com>
 U.S.: Antec Corp. Telephone: 1-800-252-2288 Fax: (708) 439-8531

Antec Corp., Telephone: 1-800-665-1482 Fax: (905) 507-6496 Telonix, Telephone: 1-888-835-6649 Fax: 905-727-2991
 Distribution: Argentina, Belgium, Brazil, Canada, Chile, Denmark, Egypt, France, Germany, Israel, Italy, Korea, Mexico, Norway,
 Poland, Portugal, Romania, South-Africa, Spain, Sweden, Taiwan, Turkey, UK, and Venezuela. Call for any additional information.

Ch1: Transmittion
Ch2: Off

Log Mag 10.0 dBZ Ref 0.00 dB



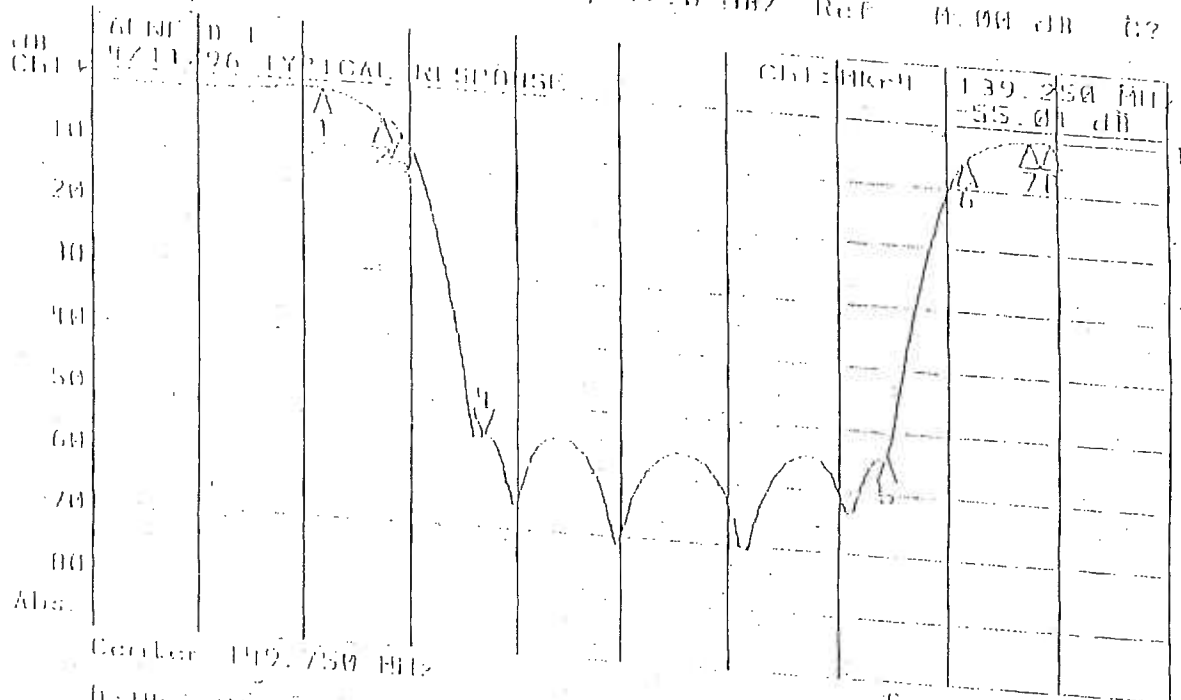
F: Freq (MHz)	dB
1: 209.75	-1.67
2: 211.25	-1.95
3: 213.75	-5.92
4: 217.25	-9.39
5: 221.75	-22.79
6: 224.25	-27.59
7: 227.75	-46.07
8: 229.25	-55.15

2: Freq (MHz)	dB

Span 120.000 MHz

F1: Transmission
F2: OFF

Unit: dBm 10.0 dBZ Ref: 0.00 dB 0.0

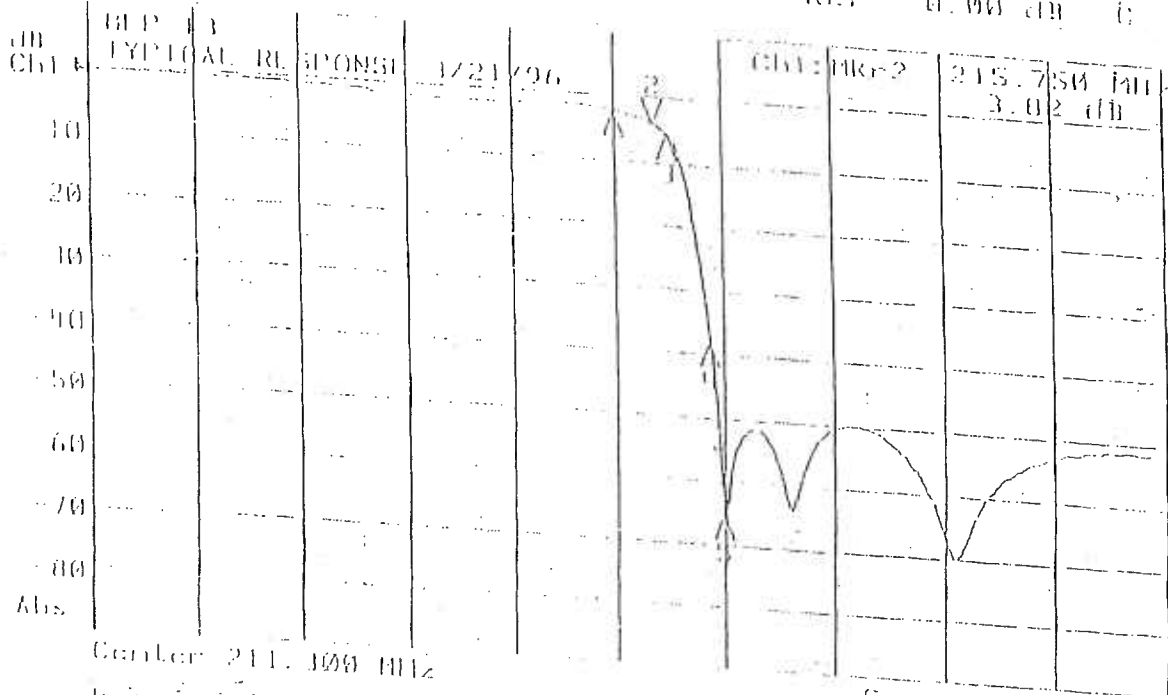


1: HkrH (MHz)	dB
1: 127.25	-1.10
2: 131.75	-5.02
3: 133.25	-7.30
4: 139.25	-55.01
5: 169.25	-53.75
6: 175.25	-5.04
7: 179.75	-1.56
8: 181.25	-1.55

2: HkrH (MHz)	dB
1: 127.25	-1.10
2: 131.75	-5.02
3: 133.25	-7.30
4: 139.25	-55.01
5: 169.25	-53.75
6: 175.25	-5.04
7: 179.75	-1.56
8: 181.25	-1.55

V1: Transistor
V2: OFF

Log Ref 10.0 dBZ Ref 0.00 dB



dB

Center 211.000 Hz

Span 120.000 Hz

1: Hkr (Hz)	dB
1: 211.25	-2.29
2: 215.75	-3.62
3: 217.25	-5.32
4: 221.75	-37.01
5: 224.25	-65.01

2: Hkr (Hz) dB

TIME WARNER CABLE - SYRACUSE DIVISION.

Headend Tests

System Name : Watertown

HE Location : PHILADELPHIA

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown
 HE Location : Philadelphia
 Performed By : Tim Ames

Date : 01/21/2005

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	319.2627	4.5000
3	61.2500	61.2500	4.5000	EE (41)	325.2625	325.2624	4.4999
4	67.2500	67.2500	4.5000	FF (42)	331.2750	331.2725	4.5000
5	77.2500	77.2501	4.5001	GG (43)	337.2625	337.2624	4.5001
6	83.2500	83.2501	4.5001	HH (44)	343.2625	343.2624	4.5000
A-5 (95)	91.2500			II (45)	349.2625	349.2613	4.4999
A-4 (96)	97.2500	97.2632	4.5000	JJ (46)	355.2625	355.2626	4.5000
A-3 (97)	103.2500	103.2499	4.5000	KK (47)	361.2625		
A-2 (98)	109.2750	109.2752	4.5000	LL (48)	367.2625	367.2636	4.5001
A-1 (99)	115.2750	115.2753	4.5000	MM (49)	373.2625	373.2629	4.4999
A (14)	121.2625	121.2630	4.4999	NN (50)	379.2625	379.2632	4.4999
B (15)	127.2625	127.2617	4.5000	OO (51)	385.2625	385.2626	4.5000
C (16)	133.2625	133.2628	4.5000	PP (52)	391.2625	391.2626	4.5000
D (17)	139.2500	139.2625	4.5000	QQ (53)	397.2625	397.2623	4.5000
B (18)	145.2500	145.2625	4.5000	RR (54)	403.2500	403.2498	4.5000
F (19)	151.3210	151.3210	4.5000	SS (55)	409.2500	409.2492	4.4999
G (20)	157.2500	157.2613	4.5000	TT (56)	415.2500	415.2504	4.4999
H (21)	163.2500	163.2625	4.5000	UU (57)	421.2500	421.2502	4.5001
I (22)	169.2500	169.2624	4.5000	VV (58)	427.2500	427.2499	4.5000
7	175.2500	175.2513	4.5001	WW (59)	433.2500	433.2500	4.5001
8	181.2500	181.2626	4.5000	XX (60)	439.2500	439.2491	4.4999
9	187.2500	187.2494	4.4999	YY (61)	445.2500	445.2512	4.4999
10	193.2500	193.2624	4.5000	ZZ (62)	451.2500	451.2502	4.5001
11	199.2500	199.2624	4.5000	63	457.2500	457.2500	4.5000
12	205.2500	205.2504	4.4999	64	463.2500	463.2509	4.4999
13	211.2500	211.2619	4.5000	65	469.2500	469.2501	4.5001
J (23)	217.2500	217.2624	4.5000	66	475.2500	475.2500	4.5001
K (24)	223.2500	223.2507	4.5001	67	481.2500	481.2503	4.4998
L (25)	229.2625	229.2630	4.4999	68	487.2500	487.2500	4.5000
M (26)	235.2625	235.2621	4.5000	69	493.2500	493.2478	4.4999
N (27)	241.2625	241.2633	4.4999	70	499.2500	499.2511	4.4999
O (28)	247.2625	247.2628	4.5000	71	505.2500	505.2622	4.5000
P (29)	253.2625	253.2623	4.4999	72	511.2500	511.2501	4.4999
Q (30)	259.2625	259.2629	4.4999	73	517.2500	517.2494	4.4993
R (31)	265.2625	265.2631	4.4999	74	523.2500	523.2626	4.4996
S (32)	271.2625	271.2627	4.5000	75	529.2500	529.2500	4.5001
T (33)	277.2625	277.2625	4.5000	76	535.2500	535.2504	4.4999
U (34)	283.2625	283.2627	4.4999	77	541.2500	541.2477	4.5000
V (35)	289.2625	289.2622	4.5000	78	547.2500	547.2494	4.4998
W (36)	295.2625	295.2625	4.4999	79	553.2500		
AA (37)	301.2625	301.2628	4.4999	80	559.2500		
BB (38)	307.2625	307.2626	4.5000	81	565.2500		
CC (39)	313.2625	313.2626	4.5000				

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown
 HE Location : Indian River
 Performed By : Tim Ames

Date : 01/21/2005

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			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			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	115.2750	4.5001	MM (49)	373.2625		
A (14)	121.2625			NN (50)	379.2625		
B (15)	127.2625			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						

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown
 HE Location : Fort Drum
 Performed By : Tim Ames

Date : 01/21/2005

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			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			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			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	211.2626	4.5000	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						

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown

HE Location : Adams / Henderson

Date : 01/21/2005

Performed By : Tim Ames

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			DD (40)	319.2625		
3	61.2500			EE (41)	325.2625		
4	67.2500			FF (42)	331.2750		
5	77.2500			QQ (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	115.2753	4.5001	MM (49)	373.2625		
A (14)	121.2625			NN (50)	379.2625		
B (15)	127.2625			OO (51)	385.2625		
C (16)	133.2625			PP (52)	391.2625		
D (17)	139.2500			QQ (53)	397.2625		
B (18)	145.2500			RR (54)	403.2500		
F (19)	151.3210			SS (55)	409.2500		
O (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						

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown
 HE Location : Lowville / Lewis
 Performed By : Tim Ames

Date : 01/21/2005

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			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			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	115.2751	4.5000	MM (49)	373.2625		
A (14)	121.2625			NN (50)	379.2625		
B (15)	127.2625			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						

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown
 HE Location : Clayton / Chaumont
 Performed By : Tim Ames

Date : 01/21/2005

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			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			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	115.2750	4.5001	MM (49)	373.2625		
A (14)	121.2625			NN (50)	379.2625		
B (15)	127.2625			OO (51)	385.2625		
C (16)	133.2625			PP (52)	391.2625		
D (17)	139.2500			QQ (53)	397.2625		
B (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						

TIME WARNER CABLE - SYRACUSE DIVISION

Visual Carrier and Aural Carrier Difference Frequency Tests
(at Headend)

System Name : Watertown
 HE Location : Watertown
 Performed By : Tim Ames

Date : 01/21/2005

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			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			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	115.2753	4.5000	MM (49)	373.2625		
A (14)	121.2625			NN (50)	379.2625		
B (15)	127.2625			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						

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Philadelphia Performed By : Tim Ames
 Date : 01/20/2005 Time : 08:46:00

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	15.2	-0.1		15.3	DD (40)	319.2625	14.6	0.6		14
3	61.2500	15.4	0.4		15	EE (41)	325.2625	14.7	1.1		13.6
4	67.2500	15.0	0.4		14.6	FF (42)	331.2750	14.7	0.5		14.2
5	77.2500	14.8	0.2		14.6	GG (43)	337.2625	15.1	1.6		13.5
6	83.2500	15.4	0.9		14.5	HH (44)	343.2625	15.3	0.7		14.6
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.9	-0.1		15
A-4 (96)	97.2500	14.7	0.2		14.5	JJ (46)	355.2625	14.5	0.1		14.4
A-3 (97)	103.2500	14.6	-0.1		14.7	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	14.7	-0.3		15	LL (48)	367.2625	14.7	0.0		14.7
A-1 (99)	115.2750	14.8	0.3		14.5	MM (49)	373.2625	15.3	1.0		14.3
A (14)	121.2625	14.6	-0.7		15.3	NN (50)	379.2625	15.1	1.5		13.6
B (15)	127.2625	14.8	0.0		14.8	OO (51)	385.2625	15.4	1.2		14.2
C (16)	133.2625	15.3	1.7		13.6	PP (52)	391.2625	14.7	0.2		14.5
D (17)	139.2500	15.1	0.4		14.7	QQ (53)	397.2625	15.4	1.9		13.5
E (18)	145.2500	14.6	0.0		14.6	RR (54)	403.2500	15.3	0.8		14.5
F (19)	151.3210	15.1	0.4		14.7	SS (55)	409.2500	15.4	0.6		14.8
G (20)	157.2500	15.3	0.5		14.8	TT (56)	415.2500	15.1	1.0		14.1
H (21)	163.2500	14.8	0.8		14	UU (57)	421.2500	14.6	0.1		14.5
I (22)	169.2500	14.6	0.6		14	VV (58)	427.2500	14.8	0.6		14.2
7	175.2500	14.6	0.1		14.5	WW (59)	433.2500	14.6	-0.6		15.2
8	181.2500	14.7	0.0		14.7	XX (60)	439.2500	14.9	0.3		14.6
9	187.2500	15.0	0.4		14.6	YY (61)	445.2500	15.1	0.6		14.5
10	193.2500	15.3	0.2		15.1	ZZ (62)	451.2500	14.6	-0.1		14.7
11	199.2500	15.2	1.0		14.2	63	457.2500	14.6	-0.1		14.7
12	205.2500	15.0	1.4		13.6	64	463.2500	14.9	-0.5		15.4
13	211.2500	14.5	0.0		14.5	65	469.2500	14.6	0.6		14
J (23)	217.2500	15.1	1.3		13.8	66	475.2500	14.6	0.4		14.2
K (24)	223.2500	15.1	1.5		13.6	67	481.2500	15.4	1.4		14
L (25)	229.2625	15.0	0.4		14.6	68	487.2500	15.1	1.0		14.1
M (26)	235.2625	15.3	1.8		13.5	69	493.2500	15.2	1.8		13.4
N (27)	241.2625	15.4	0.5		14.9	70	499.2500	15.3	0.8		14.5
O (28)	247.2625	15.3	0.8		14.5	71	505.2500	15.3	-0.2		15.3
P (29)	253.2625	14.5	0.1		14.4	72	511.2500	15.0	0.1		14.9
Q (30)	259.2625	14.8	0.3		14.5	73	517.2500	15.4	0.2		15.2
R (31)	265.2625	15.3	0.2		15.1	74	523.2500	15.1	1.0		14.1
S (32)	271.2625	14.8	0.0		14.8	75	529.2500	14.6	-0.3		14.9
T (33)	277.2625	15.1	0.7		14.4	76	535.2500	14.8	0.3		14.5
U (34)	283.2625	14.7	1.0		13.7	77	541.2500	14.8	0.2		14.6
V (35)	289.2625	14.7	1.4		13.3	78	547.2500	14.7	0.6		14.1
W (36)	295.2625	15.3	1.4		13.9	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	15.1	0.9		14.2	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	14.7	0.2		14.5	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.4	1.0		14.4						

Min Channel	:	13	14.5
Max Channel	:	3	15.4
Peak to Valley	:		0.9

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Indian River Performed By : Tim Ames
 Date : 01/21/2005 Time : 10:14:00

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	N/A	N/A		N/A	DD (40)	319.2625	N/A	N/A		N/A
3	61.2500	N/A	N/A		N/A	EB (41)	325.2625	N/A	N/A		N/A
4	67.2500	N/A	N/A		N/A	FF (42)	331.2750	N/A	N/A		N/A
5	77.2500	N/A	N/A		N/A	GG (43)	337.2625	N/A	N/A		N/A
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	N/A	N/A		N/A
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	N/A	N/A		N/A
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	N/A	N/A		N/A
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	N/A	N/A		N/A
A-1 (99)	115.2750	14.4	0.3		14.1	MM (49)	373.2625	N/A	N/A		N/A
A (14)	121.2625	N/A	N/A		N/A	NN (50)	379.2625	N/A	N/A		N/A
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	N/A	N/A		N/A
C (16)	133.2625	N/A	N/A		N/A	PP (52)	391.2625	N/A	N/A		N/A
D (17)	139.2500	N/A	N/A		N/A	QQ (53)	397.2625	N/A	N/A		N/A
E (18)	145.2500	N/A	N/A		N/A	RR (54)	403.2500	N/A	N/A		N/A
F (19)	151.3210	N/A	N/A		N/A	SS (55)	409.2500	N/A	N/A		N/A
G (20)	157.2500	N/A	N/A		N/A	TT (56)	415.2500	N/A	N/A		N/A
H (21)	163.2500	N/A	N/A		N/A	UU (57)	421.2500	N/A	N/A		N/A
I (22)	169.2500	N/A	N/A		N/A	VV (58)	427.2500	N/A	N/A		N/A
7	175.2500	N/A	N/A		N/A	WW (59)	433.2500	N/A	N/A		N/A
8	181.2500	N/A	N/A		N/A	XX (60)	439.2500	N/A	N/A		N/A
9	187.2500	N/A	N/A		N/A	YY (61)	445.2500	N/A	N/A		N/A
10	193.2500	N/A	N/A		N/A	ZZ (62)	451.2500	N/A	N/A		N/A
11	199.2500	N/A	N/A		N/A	63	457.2500	N/A	N/A		N/A
12	205.2500	N/A	N/A		N/A	64	463.2500	N/A	N/A		N/A
13	211.2500	N/A	N/A		N/A	65	469.2500	N/A	N/A		N/A
J (23)	217.2500	N/A	N/A		N/A	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	N/A	N/A		N/A	67	481.2500	N/A	N/A		N/A
L (25)	229.2625	N/A	N/A		N/A	68	487.2500	N/A	N/A		N/A
M (26)	235.2625	N/A	N/A		N/A	69	493.2500	N/A	N/A		N/A
N (27)	241.2625	N/A	N/A		N/A	70	499.2500	N/A	N/A		N/A
O (28)	247.2625	N/A	N/A		N/A	71	505.2500	N/A	N/A		N/A
P (29)	253.2625	N/A	N/A		N/A	72	511.2500	N/A	N/A		N/A
Q (30)	259.2625	N/A	N/A		N/A	73	517.2500	N/A	N/A		N/A
R (31)	265.2625	N/A	N/A		N/A	74	523.2500	N/A	N/A		N/A
S (32)	271.2625	N/A	N/A		N/A	75	529.2500	N/A	N/A		N/A
T (33)	277.2625	N/A	N/A		N/A	76	535.2500	N/A	N/A		N/A
U (34)	283.2625	N/A	N/A		N/A	77	541.2500	N/A	N/A		N/A
V (35)	289.2625	N/A	N/A		N/A	78	547.2500	N/A	N/A		N/A
W (36)	295.2625	N/A	N/A		N/A	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	N/A	N/A		N/A	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	N/A	N/A		N/A	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	N/A	N/A		N/A						

Min Channel	: A-1(99)	14.4
Max Channel	: A-1(99)>	14.4
Peak to Valley	: 0	

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Fort Drum Performed By : Tim Ames
 Date : 01/21/2005 Time : 09:50:00

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	N/A	N/A		N/A	DD (40)	319.2625	N/A	N/A		N/A
3	61.2500	N/A	N/A		N/A	EB (41)	325.2625	N/A	N/A		N/A
4	67.2500	N/A	N/A		N/A	FF (42)	331.2750	N/A	N/A		N/A
5	77.2500	N/A	N/A		N/A	GG (43)	337.2625	N/A	N/A		N/A
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	N/A	N/A		N/A
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	N/A	N/A		N/A
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	N/A	N/A		N/A
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	N/A	N/A		N/A
A-1 (99)	115.2750	N/A	N/A		N/A	MM (49)	373.2625	N/A	N/A		N/A
A (14)	121.2625	N/A	N/A		N/A	NN (50)	379.2625	N/A	N/A		N/A
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	N/A	N/A		N/A
C (16)	133.2625	N/A	N/A		N/A	PP (52)	391.2625	N/A	N/A		N/A
D (17)	139.2500	N/A	N/A		N/A	QQ (53)	397.2625	N/A	N/A		N/A
E (18)	145.2500	N/A	N/A		N/A	RR (54)	403.2500	N/A	N/A		N/A
F (19)	151.3210	N/A	N/A		N/A	SS (55)	409.2500	N/A	N/A		N/A
G (20)	157.2500	N/A	N/A		N/A	TT (56)	415.2500	N/A	N/A		N/A
H (21)	163.2500	N/A	N/A		N/A	UU (57)	421.2500	N/A	N/A		N/A
I (22)	169.2500	N/A	N/A		N/A	VV (58)	427.2500	N/A	N/A		N/A
7	175.2500	N/A	N/A		N/A	WW (59)	433.2500	N/A	N/A		N/A
8	181.2500	N/A	N/A		N/A	XX (60)	439.2500	N/A	N/A		N/A
9	187.2500	N/A	N/A		N/A	YY (61)	445.2500	N/A	N/A		N/A
10	193.2500	N/A	N/A		N/A	ZZ (62)	451.2500	N/A	N/A		N/A
11	199.2500	N/A	N/A		N/A	63	457.2500	N/A	N/A		N/A
12	205.2500	N/A	N/A		N/A	64	463.2500	N/A	N/A		N/A
13	211.2500	14.1	-0.8	14.9		65	469.2500	N/A	N/A		N/A
J (23)	217.2500	N/A	N/A		N/A	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	N/A	N/A		N/A	67	481.2500	N/A	N/A		N/A
L (25)	229.2625	N/A	N/A		N/A	68	487.2500	N/A	N/A		N/A
M (26)	235.2625	N/A	N/A		N/A	69	493.2500	N/A	N/A		N/A
N (27)	241.2625	N/A	N/A		N/A	70	499.2500	N/A	N/A		N/A
O (28)	247.2625	N/A	N/A		N/A	71	505.2500	N/A	N/A		N/A
P (29)	253.2625	N/A	N/A		N/A	72	511.2500	N/A	N/A		N/A
Q (30)	259.2625	N/A	N/A		N/A	73	517.2500	N/A	N/A		N/A
R (31)	265.2625	N/A	N/A		N/A	74	523.2500	N/A	N/A		N/A
S (32)	271.2625	N/A	N/A		N/A	75	529.2500	N/A	N/A		N/A
T (33)	277.2625	N/A	N/A		N/A	76	535.2500	N/A	N/A		N/A
U (34)	283.2625	N/A	N/A		N/A	77	541.2500	N/A	N/A		N/A
V (35)	289.2625	N/A	N/A		N/A	78	547.2500	N/A	N/A		N/A
W (36)	295.2625	N/A	N/A		N/A	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	N/A	N/A		N/A	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	N/A	N/A		N/A	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	N/A	N/A		N/A						

Min Channel	:	13	14.1
Max Channel	:	13	14.1
Peak to Valley	:	0	

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Adams / Henderson Performed By : Tim Ames
 Date : 01/21/2005 Time : 09:18:00

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	N/A	N/A		N/A	DD (40)	319.2625	N/A	N/A		N/A
3	61.2500	N/A	N/A		N/A	EE (41)	325.2625	N/A	N/A		N/A
4	67.2500	N/A	N/A		N/A	FF (42)	331.2750	N/A	N/A		N/A
5	77.2500	N/A	N/A		N/A	GG (43)	337.2625	N/A	N/A		N/A
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	N/A	N/A		N/A
A-3 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	N/A	N/A		N/A
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	N/A	N/A		N/A
A-3 (97)	101.2500	N/A	N/A		N/A	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	N/A	N/A		N/A
A-1 (99)	115.2750	12.1	-2.2		14.3	MM (49)	373.2625	N/A	N/A		N/A
A (14)	121.2625	N/A	N/A		N/A	NN (50)	379.2625	N/A	N/A		N/A
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	N/A	N/A		N/A
C (16)	133.2625	N/A	N/A		N/A	PP (52)	391.2625	N/A	N/A		N/A
D (17)	139.2500	N/A	N/A		N/A	QQ (53)	397.2625	N/A	N/A		N/A
E (18)	145.2500	N/A	N/A		N/A	RR (54)	403.2500	N/A	N/A		N/A
F (19)	151.3210	N/A	N/A		N/A	SS (55)	409.2500	N/A	N/A		N/A
G (20)	157.2500	N/A	N/A		N/A	TT (56)	415.2500	N/A	N/A		N/A
H (21)	163.2500	N/A	N/A		N/A	UU (57)	421.2500	N/A	N/A		N/A
I (22)	169.2500	N/A	N/A		N/A	VV (58)	427.2500	N/A	N/A		N/A
7	175.2500	N/A	N/A		N/A	WW (59)	433.2500	N/A	N/A		N/A
8	181.2500	N/A	N/A		N/A	XX (60)	439.2500	N/A	N/A		N/A
9	187.2500	N/A	N/A		N/A	YY (61)	445.2500	N/A	N/A		N/A
10	193.2500	N/A	N/A		N/A	ZZ (62)	451.2500	N/A	N/A		N/A
11	199.2500	N/A	N/A		N/A	63	457.2500	N/A	N/A		N/A
12	205.2500	N/A	N/A		N/A	64	463.2500	N/A	N/A		N/A
13	211.2500	N/A	N/A		N/A	65	469.2500	N/A	N/A		N/A
J (23)	217.2500	N/A	N/A		N/A	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	N/A	N/A		N/A	67	481.2500	N/A	N/A		N/A
L (25)	229.2625	N/A	N/A		N/A	68	487.2500	N/A	N/A		N/A
M (26)	235.2625	N/A	N/A		N/A	69	493.2500	N/A	N/A		N/A
N (27)	241.2625	N/A	N/A		N/A	70	499.2500	N/A	N/A		N/A
O (28)	247.2625	N/A	N/A		N/A	71	505.2500	N/A	N/A		N/A
P (29)	253.2625	N/A	N/A		N/A	72	511.2500	N/A	N/A		N/A
Q (30)	259.2625	N/A	N/A		N/A	73	517.2500	N/A	N/A		N/A
R (31)	265.2625	N/A	N/A		N/A	74	523.2500	N/A	N/A		N/A
S (32)	271.2625	N/A	N/A		N/A	75	529.2500	N/A	N/A		N/A
T (33)	277.2625	N/A	N/A		N/A	76	535.2500	N/A	N/A		N/A
U (34)	283.2625	N/A	N/A		N/A	77	541.2500	N/A	N/A		N/A
V (35)	289.2625	N/A	N/A		N/A	78	547.2500	N/A	N/A		N/A
W (36)	295.2625	N/A	N/A		N/A	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	N/A	N/A		N/A	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	N/A	N/A		N/A	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	N/A	N/A		N/A						

Min Channel	:	A-1(99)	12.1
Max Channel	:	A-1(99)>	12.1
Peak to Valley	:	0	

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Lowville / Lewis Performed By : Tim Ames
 Date : 01/21/2005 Time : 10:09:00

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	N/A	N/A		N/A	DD (40)	319.2625	N/A	N/A		N/A
3	61.2500	N/A	N/A		N/A	EE (41)	325.2625	N/A	N/A		N/A
4	67.2500	N/A	N/A		N/A	FF (42)	331.2750	N/A	N/A		N/A
5	77.2500	N/A	N/A		N/A	GG (43)	337.2625	N/A	N/A		N/A
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	N/A	N/A		N/A
A-3 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	N/A	N/A		N/A
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	N/A	N/A		N/A
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	N/A	N/A		N/A
A-1 (99)	115.2750	16.6	2.8		13.8	MM (49)	373.2625	N/A	N/A		N/A
A (14)	121.2625	N/A	N/A		N/A	NN (50)	379.2625	N/A	N/A		N/A
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	N/A	N/A		N/A
C (16)	133.2625	N/A	N/A		N/A	PP (52)	391.2625	N/A	N/A		N/A
D (17)	139.2500	N/A	N/A		N/A	QQ (53)	397.2625	N/A	N/A		N/A
E (18)	145.2500	N/A	N/A		N/A	RR (54)	403.2500	N/A	N/A		N/A
F (19)	151.3210	N/A	N/A		N/A	SS (55)	409.2500	N/A	N/A		N/A
G (20)	157.2500	N/A	N/A		N/A	TT (56)	415.2500	N/A	N/A		N/A
H (21)	163.2500	N/A	N/A		N/A	UU (57)	421.2500	N/A	N/A		N/A
I (22)	169.2500	N/A	N/A		N/A	VV (58)	427.2500	N/A	N/A		N/A
7	175.2500	N/A	N/A		N/A	WW (59)	433.2500	N/A	N/A		N/A
8	181.2500	N/A	N/A		N/A	XX (60)	439.2500	N/A	N/A		N/A
9	187.2500	N/A	N/A		N/A	YY (61)	445.2500	N/A	N/A		N/A
10	193.2500	N/A	N/A		N/A	ZZ (62)	451.2500	N/A	N/A		N/A
11	199.2500	N/A	N/A		N/A	63	457.2500	N/A	N/A		N/A
12	205.2500	N/A	N/A		N/A	64	463.2500	N/A	N/A		N/A
13	211.2500	N/A	N/A		N/A	65	469.2500	N/A	N/A		N/A
J (23)	217.2500	N/A	N/A		N/A	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	N/A	N/A		N/A	67	481.2500	N/A	N/A		N/A
L (25)	229.2625	N/A	N/A		N/A	68	487.2500	N/A	N/A		N/A
M (26)	235.2625	N/A	N/A		N/A	69	493.2500	N/A	N/A		N/A
N (27)	241.2625	N/A	N/A		N/A	70	499.2500	N/A	N/A		N/A
O (28)	247.2625	N/A	N/A		N/A	71	505.2500	N/A	N/A		N/A
P (29)	253.2625	N/A	N/A		N/A	72	511.2500	N/A	N/A		N/A
Q (30)	259.2625	N/A	N/A		N/A	73	517.2500	N/A	N/A		N/A
R (31)	265.2625	N/A	N/A		N/A	74	523.2500	N/A	N/A		N/A
S (32)	271.2625	N/A	N/A		N/A	75	529.2500	N/A	N/A		N/A
T (33)	277.2625	N/A	N/A		N/A	76	535.2500	N/A	N/A		N/A
U (34)	283.2625	N/A	N/A		N/A	77	541.2500	N/A	N/A		N/A
V (35)	289.2625	N/A	N/A		N/A	78	547.2500	N/A	N/A		N/A
W (36)	295.2625	N/A	N/A		N/A	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	N/A	N/A		N/A	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	N/A	N/A		N/A	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	N/A	N/A		N/A						

Min Channel	::	A-1(99)	16.6
Max Channel	::	A-1(99)>	16.6
Peak to Valley	::	0	

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Clayton / Chaumont Performed By : Tim Ames
 Date : 01/21/2005 Time : 10:20:00

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	N/A	N/A		N/A	DD (40)	319.2625	N/A	N/A		N/A
3	61.2500	N/A	N/A		N/A	EE (41)	325.2625	N/A	N/A		N/A
4	67.2500	N/A	N/A		N/A	FF (42)	331.2750	N/A	N/A		N/A
5	77.2500	N/A	N/A		N/A	GG (43)	337.2625	N/A	N/A		N/A
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	N/A	N/A		N/A
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	N/A	N/A		N/A
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	N/A	N/A		N/A
A-3 (97)	101.2500	N/A	N/A		N/A	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	N/A	N/A		N/A
A-1 (99)	115.2750	15.8	1.3		14.5	MM (49)	373.2625	N/A	N/A		N/A
A (14)	121.2625	N/A	N/A		N/A	NN (50)	379.2625	N/A	N/A		N/A
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	N/A	N/A		N/A
C (16)	133.2625	N/A	N/A		N/A	PP (52)	391.2625	N/A	N/A		N/A
D (17)	139.2500	N/A	N/A		N/A	QQ (53)	397.2625	N/A	N/A		N/A
E (18)	145.2500	N/A	N/A		N/A	RR (54)	403.2500	N/A	N/A		N/A
F (19)	151.3210	N/A	N/A		N/A	SS (55)	409.2500	N/A	N/A		N/A
G (20)	157.2500	N/A	N/A		N/A	TT (56)	415.2500	N/A	N/A		N/A
H (21)	163.2500	N/A	N/A		N/A	UU (57)	421.2500	N/A	N/A		N/A
I (22)	169.2500	N/A	N/A		N/A	VV (58)	427.2500	N/A	N/A		N/A
7	175.2500	N/A	N/A		N/A	WW (59)	433.2500	N/A	N/A		N/A
8	181.2500	N/A	N/A		N/A	XX (60)	439.2500	N/A	N/A		N/A
9	187.2500	N/A	N/A		N/A	YY (61)	445.2500	N/A	N/A		N/A
10	193.2500	N/A	N/A		N/A	ZZ (62)	451.2500	N/A	N/A		N/A
11	199.2500	N/A	N/A		N/A	63	457.2500	N/A	N/A		N/A
12	205.2500	N/A	N/A		N/A	64	463.2500	N/A	N/A		N/A
13	211.2500	N/A	N/A		N/A	65	469.2500	N/A	N/A		N/A
J (23)	217.2500	N/A	N/A		N/A	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	N/A	N/A		N/A	67	481.2500	N/A	N/A		N/A
L (25)	229.2625	N/A	N/A		N/A	68	487.2500	N/A	N/A		N/A
M (26)	235.2625	N/A	N/A		N/A	69	493.2500	N/A	N/A		N/A
N (27)	241.2625	N/A	N/A		N/A	70	499.2500	N/A	N/A		N/A
O (28)	247.2625	N/A	N/A		N/A	71	505.2500	N/A	N/A		N/A
P (29)	253.2625	N/A	N/A		N/A	72	511.2500	N/A	N/A		N/A
Q (30)	259.2625	N/A	N/A		N/A	73	517.2500	N/A	N/A		N/A
R (31)	265.2625	N/A	N/A		N/A	74	523.2500	N/A	N/A		N/A
S (32)	271.2625	N/A	N/A		N/A	75	529.2500	N/A	N/A		N/A
T (33)	277.2625	N/A	N/A		N/A	76	535.2500	N/A	N/A		N/A
U (34)	283.2625	N/A	N/A		N/A	77	541.2500	N/A	N/A		N/A
V (35)	289.2625	N/A	N/A		N/A	78	547.2500	N/A	N/A		N/A
W (36)	295.2625	N/A	N/A		N/A	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	N/A	N/A		N/A	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	N/A	N/A		N/A	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	N/A	N/A		N/A						

Min Channel	: A-1(99)	15.8
Max Channel	: A-1(99)>	15.8
Peak to Valley	:	0

TIME WARNER CABLE - SYRACUSE DIVISION

Visual / Aural Level Difference Test
(at Headend)

System Name : Watertown Meter / Serial Number : 4040001
 HE Location : Watertown Performed By : Tim Ames
 Date : 01/21/2005 Time : 09:19:00

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	N/A	N/A		N/A	DD (40)	319.2625	N/A	N/A		N/A
3	61.2500	N/A	N/A		N/A	EE (41)	325.2625	N/A	N/A		N/A
4	67.2500	N/A	N/A		N/A	FF (42)	331.2750	N/A	N/A		N/A
5	77.2500	N/A	N/A		N/A	GG (43)	337.2625	N/A	N/A		N/A
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	N/A	N/A		N/A
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	N/A	N/A		N/A
A-4 (96)	97.2500	N/A	N/A		N/A	JJ (46)	355.2625	N/A	N/A		N/A
A-3 (97)	103.2500	N/A	N/A		N/A	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	N/A	N/A		N/A	LL (48)	367.2625	N/A	N/A		N/A
A-1 (99)	115.2750	8.1	-5.8		13.9	MM (49)	373.2625	N/A	N/A		N/A
A (14)	121.2625	N/A	N/A		N/A	NN (50)	379.2625	N/A	N/A		N/A
B (15)	127.2625	N/A	N/A		N/A	OO (51)	385.2625	N/A	N/A		N/A
C (16)	133.2625	N/A	N/A		N/A	PP (52)	391.2625	N/A	N/A		N/A
D (17)	139.2500	N/A	N/A		N/A	QQ (53)	397.2625	N/A	N/A		N/A
E (18)	145.2500	N/A	N/A		N/A	RR (54)	403.2500	N/A	N/A		N/A
F (19)	151.3210	N/A	N/A		N/A	SS (55)	409.2500	N/A	N/A		N/A
G (20)	157.2500	N/A	N/A		N/A	TT (56)	415.2500	N/A	N/A		N/A
H (21)	163.2500	N/A	N/A		N/A	UU (57)	421.2500	N/A	N/A		N/A
I (22)	169.2500	N/A	N/A		N/A	VV (58)	427.2500	N/A	N/A		N/A
7	175.2500	N/A	N/A		N/A	WW (59)	433.2500	N/A	N/A		N/A
8	181.2500	N/A	N/A		N/A	XX (60)	439.2500	N/A	N/A		N/A
9	187.2500	N/A	N/A		N/A	YY (61)	445.2500	N/A	N/A		N/A
10	193.2500	N/A	N/A		N/A	ZZ (62)	451.2500	N/A	N/A		N/A
11	199.2500	N/A	N/A		N/A	63	457.2500	N/A	N/A		N/A
12	205.2500	N/A	N/A		N/A	64	463.2500	N/A	N/A		N/A
13	211.2500	N/A	N/A		N/A	65	469.2500	N/A	N/A		N/A
J (23)	217.2500	N/A	N/A		N/A	66	475.2500	N/A	N/A		N/A
K (24)	223.2500	N/A	N/A		N/A	67	481.2500	N/A	N/A		N/A
L (25)	229.2625	N/A	N/A		N/A	68	487.2500	N/A	N/A		N/A
M (26)	235.2625	N/A	N/A		N/A	69	493.2500	N/A	N/A		N/A
N (27)	241.2625	N/A	N/A		N/A	70	499.2500	N/A	N/A		N/A
O (28)	247.2625	N/A	N/A		N/A	71	505.2500	N/A	N/A		N/A
P (29)	253.2625	N/A	N/A		N/A	72	511.2500	N/A	N/A		N/A
Q (30)	259.2625	N/A	N/A		N/A	73	517.2500	N/A	N/A		N/A
R (31)	265.2625	N/A	N/A		N/A	74	523.2500	N/A	N/A		N/A
S (32)	271.2625	N/A	N/A		N/A	75	529.2500	N/A	N/A		N/A
T (33)	277.2625	N/A	N/A		N/A	76	535.2500	N/A	N/A		N/A
U (34)	283.2625	N/A	N/A		N/A	77	541.2500	N/A	N/A		N/A
V (35)	289.2625	N/A	N/A		N/A	78	547.2500	N/A	N/A		N/A
W (36)	295.2625	N/A	N/A		N/A	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	N/A	N/A		N/A	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	N/A	N/A		N/A	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	N/A	N/A		N/A						

Min Channel	:	A-1(99)	8.1
Max Channel	:	A-1(99)>	8.1
Peak to Valley	:	0	

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	1
Hub Name	:	Watertown
Location	:	Plaza Drive/Watertown
Map Number	:	404 - 5984
Pole Number	:	14 / 15
D.T. Value	:	23- 2 port
OR Number	:	1157
GNA Cascade	:	3
LE Cascade	:	0

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Plaza Drive/Watertown
 Date : 01/10/2005 Time : 10:50:00

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	35.2500	14.6	0.1		14.5	DD (40)	319.2625	13.8	-0.1		14
3	61.2500	15.9	1.5		14.4	EE (41)	325.2625	13.8	0.0		13.8
4	67.2500	15.9	1.1		14.8	FF (42)	331.2750	14.0	-0.3		14.3
5	77.2500	14.6	-0.3		14.9	GG (43)	337.2625	14.2	0.6		13.6
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	14.8	0.1		14.7
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.7	0.1		14.6
A-4 (96)	97.2500	14.1	-0.8		14.9	JJ (46)	355.2625	14.9	0.3		14.6
A-3 (97)	103.2500	13.8	-0.5		14.3	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	14.3	-0.1		14.4	LL (48)	367.2625	15.0	0.0		15
A-1 (99)	115.2750	14.3	-0.4		14.7	MM (49)	373.2625	14.8	0.2		14.6
A (14)	121.2625	13.7	-0.4		14.1	NN (50)	379.2625	15.2	1.3		13.9
B (15)	127.2625	14.0	-0.4		14.4	OO (51)	385.2625	14.7	0.9		13.8
C (16)	133.2625	13.7	0.4		13.3	PP (52)	391.2625	14.6	0.7		13.9
D (17)	139.2500	14.0	-0.5		14.5	QQ (53)	397.2625	14.4	0.7		13.7
B (18)	145.2500	14.6	-0.1		14.7	RR (54)	403.2500	14.5	0.2		14.3
F (19)	151.3210	13.9	-0.7		14.6	SS (55)	409.2500	14.6	-0.6		15.2
G (20)	157.2500	13.5	-1.1		14.6	TT (56)	415.2500	15.3	1.0		14.3
H (21)	163.2500	13.6	-0.1		13.7	UU (57)	421.2500	14.3	0.3		14
I (22)	169.2500	13.4	-0.6		14	VV (58)	427.2500	14.6	0.7		13.9
7	175.2500	13.3	-1.4		14.7	WW (59)	433.2500	14.7	-0.1		14.8
8	181.2500	13.4	0.1		13.3	XX (60)	439.2500	13.8	-0.7		14.5
9	187.2500	14.7	0.2		14.5	YY (61)	445.2500	14.2	-0.3		14.5
10	193.2500	14.4	-0.4		14.8	ZZ (62)	451.2500	15.6	0.7		14.9
11	199.2500	14.1	0.4		13.7	63	457.2500	15.4	1.1		14.3
12	205.2500	14.0	-0.7		14.7	64	463.2500	16.8	2.0		14.8
13	211.2500	12.7	-1.0		13.7	65	469.2500	16.3	2.5		13.8
J (23)	217.2500	12.8	-0.9		13.7	66	475.2500	16.5	2.4		14.1
K (24)	223.2500	12.5	-1.1		13.6	67	481.2500	16.4	2.0		14.4
L (25)	229.2625	12.3	-1.9		14.2	68	487.2500	16.5	2.2		14.3
M (26)	235.2625	12.4	-2.2		14.6	69	493.2500	16.7	3.1		13.6
N (27)	241.2625	12.6	-2.0		14.6	70	499.2500	17.8	3.1		14.7
O (28)	247.2625	12.9	-1.3		14.2	71	505.2500	17.0	2.1		14.9
P (29)	253.2625	12.3	-2.0		14.3	72	511.2500	16.6	2.2		14.4
Q (30)	259.2625	12.4	-1.9		14.3	73	517.2500	17.3	3.0		14.3
R (31)	265.2625	12.8	-2.0		14.8	74	523.2500	16.8	2.4		14.4
S (32)	271.2625	12.4	-2.3		14.7	75	529.2500	16.8	3.3		13.5
T (33)	277.2625	12.3	-1.7		14	76	535.2500	17.1	2.2		14.9
U (34)	283.2625	11.9	-2.8		14.7	77	541.2500	16.8	2.5		14.3
V (35)	289.2625	12.0	-1.9		13.9	78	547.2500	16.3	1.9		14.4
W (36)	295.2625	13.2	-0.9		14.1	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.1	-1.1		14.2	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	13.7	-0.7		14.4	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	12.9	-1.1		14						

Min Channel	:	U(34)	11.9
Max Channel	:	70	17.8
Peak to Valley	:	5.9	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : Plaza Drive/Watertown

Date : 01/20/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/20/2005

Performed By : Mark Favret

Location : Plaza Drive/Watertown

(SEE THE ATTACHED SWEEP TRACES)

19:19:24 JAN 20, 2005

CHANNEL 3 (STD)

MKR A -37.000 msec

CHNL

REF 17.9 dBmV AT 10 dB

-.02 dB

PEAK

LOG

1

dB/

WA SB

SC FC

CORR

HUM/LOW FREQ DISTURBANCES = 0.5%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

START 61.233 MHz

#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.233 MHz

#SWP 50.0 msec

13:51:46 JAN 20, 2005
 CHANNEL **73** (STD)
 REF -1.4 dBmV #AT 0 dB
 SMPL
 LOG
 10
 dB/

MKR 536.435 MHz
 -41.81 dBmV

CHNL
 GATE
 ON OFF

AVERAGE
 ON OFF

MARKER
 536.435 MHz
 -41.81 dBmV

- FCC MEASUREMENT RANGE (4 MHz) -

*REMOVE MODULATION (or turn GATE ON)

*KNOB CONTROLS MARKER

MORE
 INFO

More

MAIN
 MENU

VA WB
 SC FC
 CORR

C/N (4 MHz) = **49.4** dBc

START 533.750 MHz STOP 539.750 MHz
 #RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

19:39:42 JAN 20, 2005
 CHANNEL **23** (STD)
 REF -9.8 dBmV #AT 0 dB
 SMPL
 LOG
 10
 dB/

MKR 284.508 MHz
 -43.51 dBmV

CHNL
 GATE
 ON OFF

AVERAGE
 ON OFF

ZOOM &
 MEASURE

Gated
 CTB

More

MAIN
 MENU

VA WB
 SC FC
 CORR

-0.75 +0.75
 -1.25 CTB +1.25

*TURN CARRIER OFF (or turn GATE ON)
 *USE KNOB TO MOVE MARKER

C/BEAT = **75.9** dBc @ **1.26** MHz offset

START 281.763 MHz STOP 287.763 MHz
 #RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

13:29:56 JAN 20, 2005
 CHANNEL **13** (STD)
 REF -8.0 dBmV #AT 0 dB
 SMPL
 LOG
 10
 dB/

MKR 205.235 MHz
 -43.72 dBmV

CHNL
 GATE
 ON OFF

AVERAGE
 ON OFF

ZOOM &
 MEASURE

Gated
 CTB

More

MAIN
 MENU

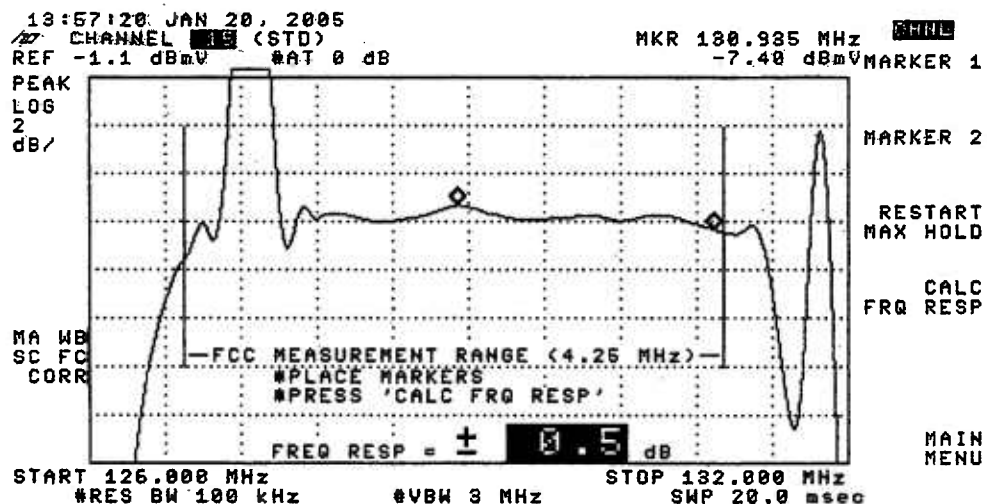
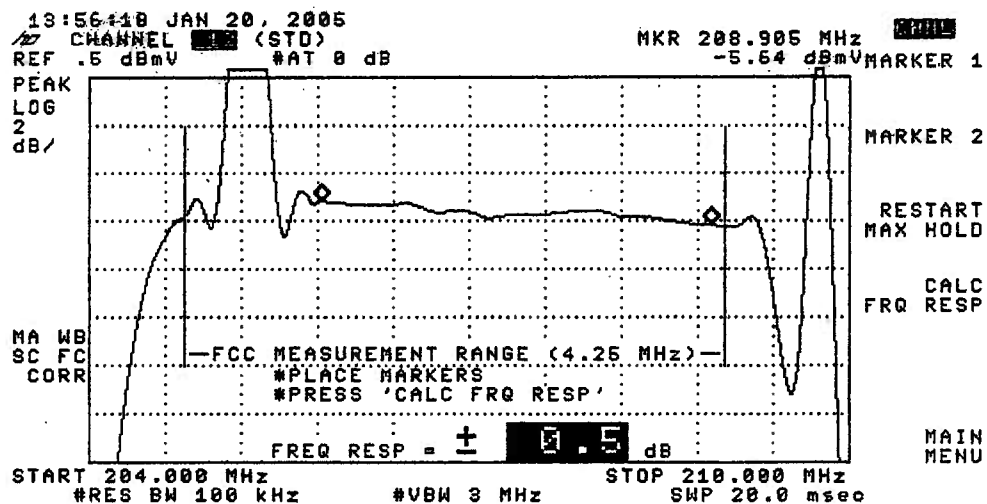
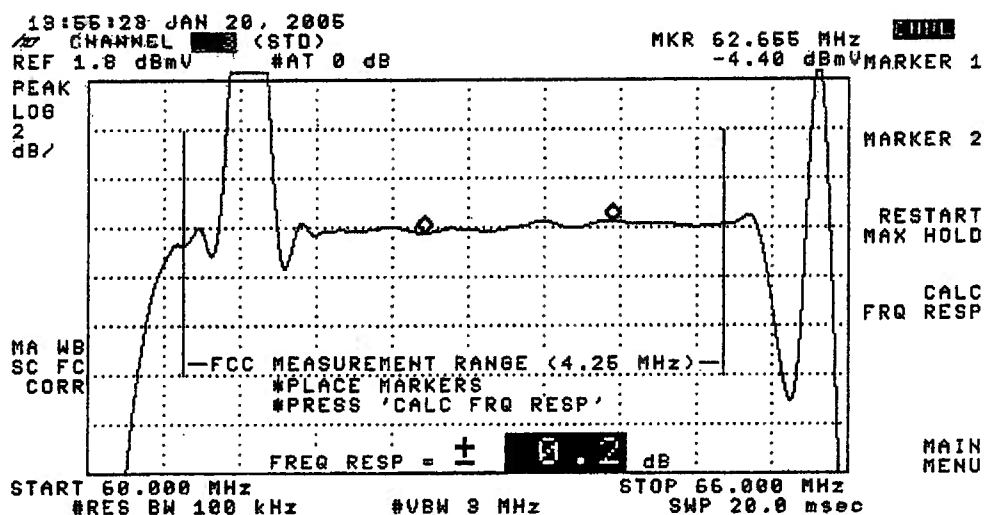
VA WB
 SC FC
 CORR

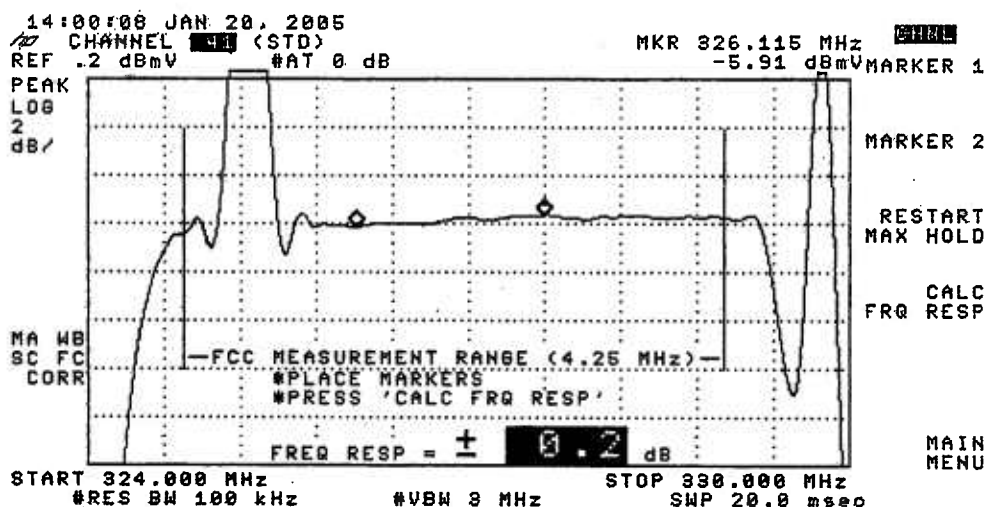
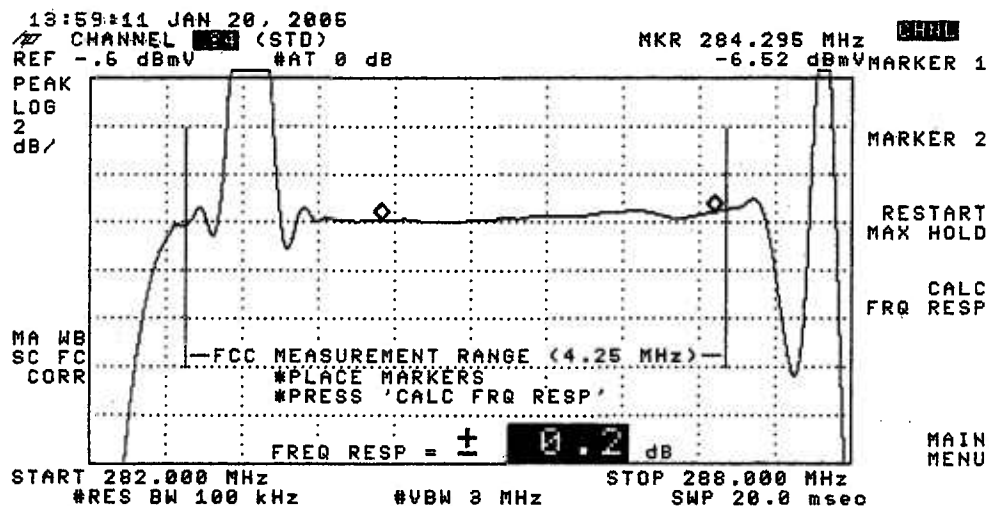
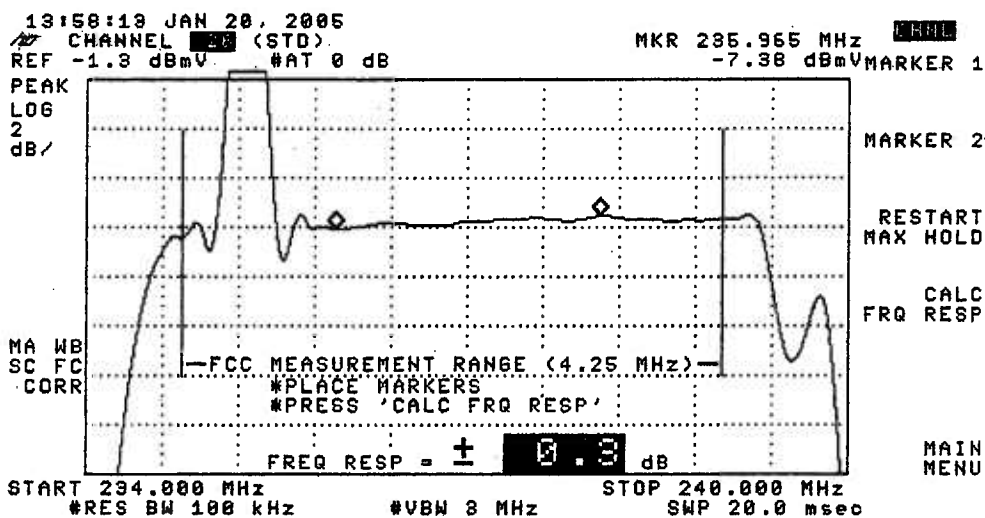
-0.75 +0.75
 -1.25 CTB +1.25

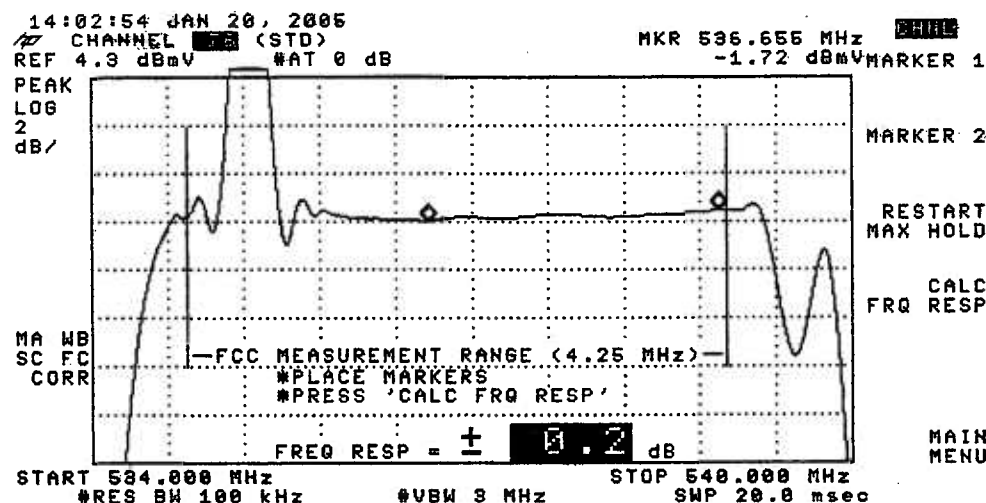
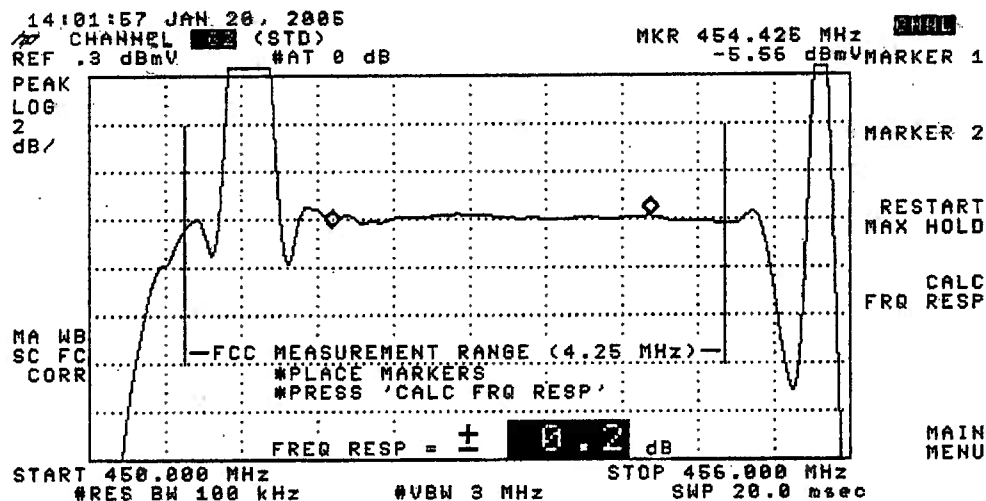
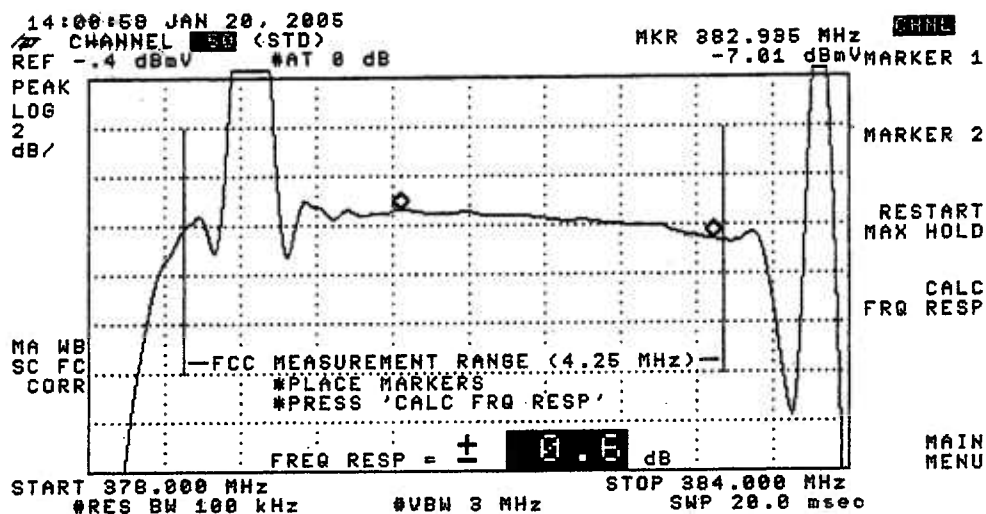
*TURN CARRIER OFF (or turn GATE ON)
 *USE KNOB TO MOVE MARKER

C/BEAT = **72.2** dBc @ **-0.01** MHz offset

START 203.750 MHz STOP 209.750 MHz
 #RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/10/2005
 Meter Serial Number : 4040001

Test Location : Plaza Drive/Watertown
 Performed By : Matt Jessman

		TEMP F						TEMP F					
		39.20	35.60	33.80	26.60			39.20	35.60	33.80	26.60		
		TIME						TIME					
		10:50:00	16:50:00	22:50:00	04:50:00			10:50:00	16:50:00	22:50:00	04:50:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.6	14.4	14.6	14.7	0.3	DD (40)	319.2625	13.8	13.7	13.9	14.3	0.6
3	61.2500	15.9	16.3	16.2	16.2	0.4	RB (41)	325.2625	13.8	13.9	13.9	14.6	0.8
4	67.2500	15.9	16.0	16.0	16.0	0.1	FF (42)	331.2750	14.0	14.2	14.1	14.9	0.9
5	77.2500	14.6	14.1	14.0	14.2	0.6	OG (43)	337.2625	14.2	14.5	14.5	15.2	1
6	83.2500						HH (44)	343.2625	14.8	14.7	14.9	15.5	0.8
A-5 (95)	91.2500						II (45)	349.2625	14.7	14.6	14.2	15.1	0.9
A-4 (96)	97.2500	14.1	14.4	14.8	15.2	1.1	JJ (46)	355.2625	14.9	15.3	14.8	15.3	0.5
A-3 (97)	103.2500	13.8	13.8	13.7	14.5	0.8	KK (47)	361.2625					
A-2 (98)	109.2750	14.3	13.7	14.6	14.2	0.9	LL (48)	367.2625	15.0	15.1	15.1	15.5	0.5
A-1 (99)	115.2750	14.3	14.3	14.2	15.9	1.7	MM (49)	373.2625	14.8	14.9	15.1	15.0	0.3
A (14)	121.2625	13.7	13.4	13.4	13.7	0.3	NN (50)	379.2625	15.2	15.4	14.9	15.3	0.5
B (15)	127.2625	14.0	13.9	13.9	13.8	0.2	OO (51)	385.2625	14.7	14.8	15.1	15.6	0.9
C (16)	133.2625	13.7	13.6	13.7	14.2	0.6	PP (52)	391.2625	14.6	14.7	14.7	14.9	0.3
D (17)	139.2500	14.0	13.7	14.1	14.4	0.7	QQ (53)	397.2625	14.4	14.6	14.5	15.1	0.7
E (18)	145.2500	14.6	14.8	14.7	15.0	0.4	RR (54)	403.2500	14.5	14.6	14.9	15.2	0.7
F (19)	151.3210	13.9	13.9	13.9	14.2	0.3	SS (55)	409.2500	14.6	14.8	14.6	14.9	0.3
G (20)	157.2500	13.5	13.4	13.4	13.9	0.5	TT (56)	415.2500	15.3	15.3	15.4	15.6	0.3
H (21)	163.2500	13.6	13.6	13.9	14.0	0.4	UU (57)	421.2500	14.3	14.5	14.6	14.9	0.6
I (22)	169.2500	13.4	13.5	13.6	13.9	0.5	VV (58)	427.2500	14.6	14.1	14.3	14.6	0.5
7	175.2500	13.3	13.1	13.3	13.7	0.6	WW (59)	433.2500	14.7	14.7	14.7	15.2	0.5
8	181.2500	13.4	13.6	13.5	13.8	0.4	XX (60)	439.2500	13.8	13.8	13.7	14.2	0.5
9	187.2500	14.7	14.7	15.4	14.9	0.7	YY (61)	445.2500	14.2	14.4	14.0	13.8	0.6
10	193.2500	14.4	14.4	15.0	14.3	0.7	ZZ (62)	451.2500	15.6	15.5	15.4	15.8	0.4
11	199.2500	14.1	14.2	14.4	14.5	0.4	63	457.2500	15.4	15.5	15.6	16.0	0.6
12	205.2500	14.0	15.8	15.4	14.5	1.8	64	463.2500	16.8	16.7	16.8	16.8	0.1
13	211.2500	12.7	14.7	14.9	14.7	2.2	65	469.2500	16.3	16.5	16.3	16.6	0.3
J (23)	217.2500	12.8	12.9	12.9	13.2	0.4	66	475.2500	16.5	16.9	16.6	16.9	0.4
K (24)	223.2500	12.5	12.6	12.6	13.1	0.6	67	481.2500	16.4	16.6	16.6	16.9	0.5
L (25)	229.2625	12.3	12.5	12.4	12.8	0.5	68	487.2500	16.5	16.8	16.5	17.2	0.7
M (26)	235.2625	12.4	12.8	12.6	13.0	0.6	69	493.2500	16.7	16.9	16.9	17.4	0.7
N (27)	241.2625	12.6	12.8	12.7	13.0	0.4	70	499.2500	17.8	17.9	17.9	18.4	0.6
O (28)	247.2625	12.9	11.9	12.2	12.5	1	71	505.2500	17.0	17.2	17.2	17.4	0.4
P (29)	253.2625	12.3	12.9	12.8	12.9	0.6	72	511.2500	16.6	17.1	17.1	17.2	0.6
Q (30)	259.2625	12.4	12.6	12.6	13.3	0.9	73	517.2500	17.3	17.6	17.4	18.1	0.8
R (31)	265.2625	12.8	12.9	12.9	13.3	0.5	74	523.2500	16.8	17.2	17.5	17.9	1.1
S (32)	271.2625	12.4	12.8	12.7	13.3	0.9	75	529.2500	16.8	17.4	17.4	17.9	1.1
T (33)	277.2625	12.3	12.6	12.9	13.4	1.1	76	535.2500	17.1	17.4	17.8	18.3	1.2
U (34)	283.2625	11.9	12.3	12.6	12.9	1	77	541.2500	16.8	16.8	16.7	17.4	0.7
V (35)	289.2625	12.0	11.1	12.7	13.0	1.9	78	547.2500	16.3	17.7	17.6	18.6	2.3
W (36)	295.2625	13.2	12.6	12.2	12.2	1	79	553.2500					
AA (37)	301.2625	13.1	13.0	13.3	12.6	0.7	80	559.2500					
BB (38)	307.2625	13.7	13.5	13.8	14.1	0.6	81	565.2500					
CC (39)	313.2625	12.9	13.1	13.3	14.1	1.2							

Max Non Adjacent Channel Level Diff
 Max Adjacent Channel Level Diff
 Max Variance from last proof of performance test
 Date of last proof of performance test

- 6.8
 - 2.2
 - N/A
 - N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	2
Hub Name	:	Watertown
Location	:	Brainard St./Watertown
Map Number	:	401 - 5970
Pole Number	:	24 / 7
D.T. Value	:	23- 8 port
OR Number	:	1166
GNA Cascade	:	1
LE Cascade	:	1

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Brainard St./Watertown
 Date : 01/11/2005 Time : 09:36:00

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	11.9	-3.2		15.1	DD (40)	319.2625	10.6	-3.6		14.2
3	61.2500	12.5	-2.7		13.2	EE (41)	325.2625	10.9	-3.3		14.2
4	67.2500	12.0	-3.1		15.1	FF (42)	331.2750	11.2	-3.8		15
5	77.2500	12.1	-2.6		14.7	GG (43)	337.2625	11.0	-2.4		13.4
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	11.3	-2.5		13.8
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	12.4	-2.5		14.9
A-4 (96)	97.2500	11.3	-2.7		14	JJ (46)	355.2625	12.1	-2.5		14.6
A-3 (97)	103.2500	13.1	-1.8		14.9	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	10.7	-4.8		15.5	LL (48)	367.2625	12.4	-2.4		14.8
A-1 (99)	115.2750	13.3	-1.3		14.6	MM (49)	373.2625	10.8	-3.4		14.2
A (14)	121.2625	10.9	-2.3		13.2	NN (50)	379.2625	13.2	-0.9		14.1
B (15)	127.2625	10.1	-4.5		14.6	OO (51)	385.2625	12.6	-1.7		14.3
C (16)	133.2625	10.1	-3.1		13.2	PP (52)	391.2625	12.4	-1.9		14.3
D (17)	139.2500	10.6	-3.9		14.5	QQ (53)	397.2625	11.9	-1.7		13.6
B (18)	145.2500	11.5	-3.1		14.6	RR (54)	403.2500	12.1	-2.3		14.4
F (19)	151.3210	11.0	-3.8		14.8	SS (55)	409.2500	12.0	-2.9		14.9
G (20)	157.2500	11.3	-3.2		14.5	TT (56)	415.2500	12.6	-1.5		14.1
H (21)	163.2500	10.9	-3.2		14.1	UU (57)	421.2500	11.8	-2.4		14.2
I (22)	169.2500	10.4	-3.4		13.8	VV (58)	427.2500	11.7	-2.8		14.5
7	175.2500	10.4	-3.9		14.3	WW (59)	433.2500	12.1	-2.5		14.6
8	181.2500	10.8	-4.3		15.1	XX (60)	439.2500	10.4	-3.6		14
9	187.2500	11.2	-3.3		14.5	YY (61)	445.2500	12.3	-1.8		14.1
10	193.2500	11.1	-4.1		15.2	ZZ (62)	451.2500	13.0	-1.8		14.8
11	199.2500	11.0	-2.9		13.9	63	457.2500	12.9	-1.9		14.8
12	205.2500	10.7	-3.5		14.2	64	463.2500	13.7	-0.6		14.3
13	211.2500	10.1	-4.1		14.2	65	469.2500	13.3	-0.7		14
J (23)	217.2500	10.7	-2.9		13.6	66	475.2500	12.6	-1.6		14.2
K (24)	223.2500	11.0	-2.8		13.8	67	481.2500	13.0	-1.6		14.6
L (25)	229.2625	11.1	-3.5		14.6	68	487.2500	12.9	-1.2		14.1
M (26)	235.2625	11.3	-4.0		15.3	69	493.2500	12.9	-0.5		13.4
N (27)	241.2625	10.9	-3.4		14.3	70	499.2500	13.6	-0.5		14.1
O (28)	247.2625	10.9	-4.3		15.2	71	505.2500	13.5	-1.0		14.5
P (29)	253.2625	10.1	-4.5		14.6	72	511.2500	13.2	-0.9		14.1
Q (30)	259.2625	10.6	-3.9		14.5	73	517.2500	14.1	0.0		14.1
R (31)	265.2625	10.8	-3.6		14.4	74	523.2500	14.3	-0.5		14.8
S (32)	271.2625	10.4	-4.3		14.7	75	529.2500	14.3	-1.0		15.3
T (33)	277.2625	10.1	-4.4		14.5	76	535.2500	13.8	-1.0		14.8
U (34)	283.2625	10.3	-3.5		13.8	77	541.2500	13.3	-1.5		14.8
V (35)	289.2625	10.1	-3.2		13.3	78	547.2500	14.2	-0.4		14.6
W (36)	295.2625	10.3	-4.0		14.3	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	10.4	-3.9		14.3	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	10.7	-3.7		14.4	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	10.9	-3.0		13.9						

Min Channel	:	B(15)	10.1
Max Channel	:	74	14.3
Peak to Valley	:	4.2	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : Brainard St./Watertown

Date : 01/18/2005

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

CHANNEL NUMBER	IN CHANNEL RESPONSE	CARRIER TO NOISE RATIO	DISTORTIONS	CSO	HUM
	(+/- DB)	(DB)	(-DEC) CTB		(%)
3	0.3	47.1	69.3	67.0	0.3
12	0.4	48.3	71.9	72.2	
15	0.6	48.5	73.9	76.0	
26	0.3	47.3	68.3	72.4	
34	0.4	47.5	71.1	75.6	
41	0.2	48.1	70.9	74.7	
50	0.5	47.5	70.5	75.9	
62	0.3	48.1	72.3	75.3	
76	0.2	48.7	72.8	74.4	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/18/2005

Performed By : Mark Favret

Location : Brainard St./Watertown

(SEE THE ATTACHED SWEEP TRACES)

15:12:22 JAN 18, 2005

CHANNEL 3 (STD)

RFF 6.0 dBmV AT 10 dB

MKR Δ 125.00 μsec

CHNL

-.02 dB

PEAK

LOG

1

dB/

WA SB

SC FC

CORR

HUM/LOW FREQ DISTURBANCES = 0.3%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

START 61.285 MHz

#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.285 MHz

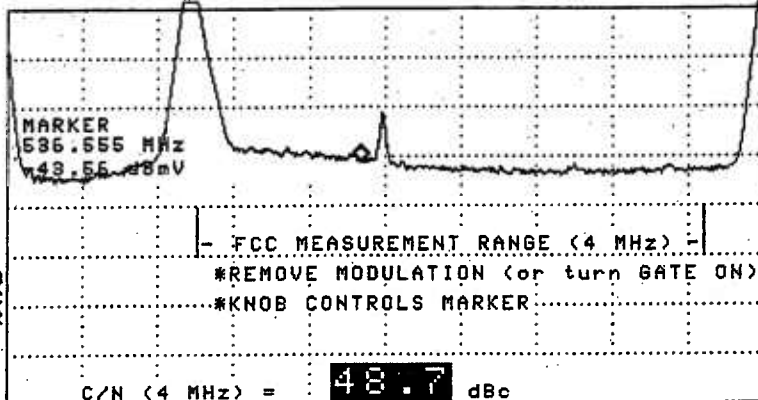
#SWP 50.0 msec

15:41:47 JAN 18, 2005

CHANNEL 72 (STD)
REF -12.4 dBmV #AT 0 dB

MKR 536.555 MHz
-43.55 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 533.750 MHz STOP 539.750 MHz
#RES BW 90 kHz #VBW 100 Hz SWP 6.00 sec

CHNL
GATE
ON OFF

AVERAGE
ON OFF

MORE
INFO

More

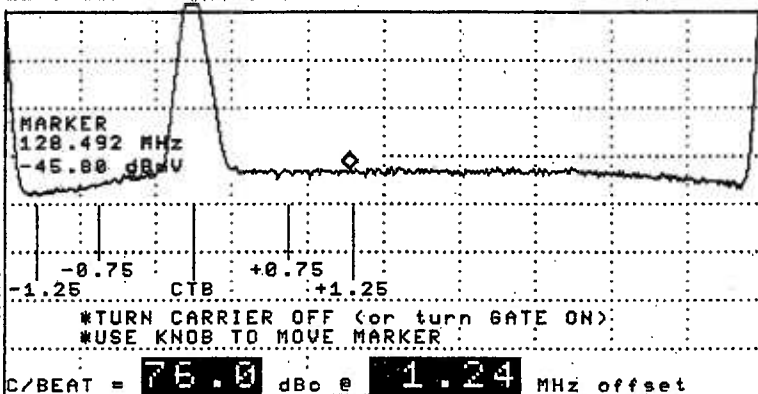
MAIN
MENU

15:22:55 JAN 18, 2005

CHANNEL 15 (STD)
REF -12.8 dBmV #AT 0 dB

MKR 128.492 MHz
-45.80 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 125.762 MHz STOP 131.762 MHz
#RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

CHNL
GATE
ON OFF

AVERAGE
ON OFF

ZOOM &
MEASURE

Gated
CTB

More

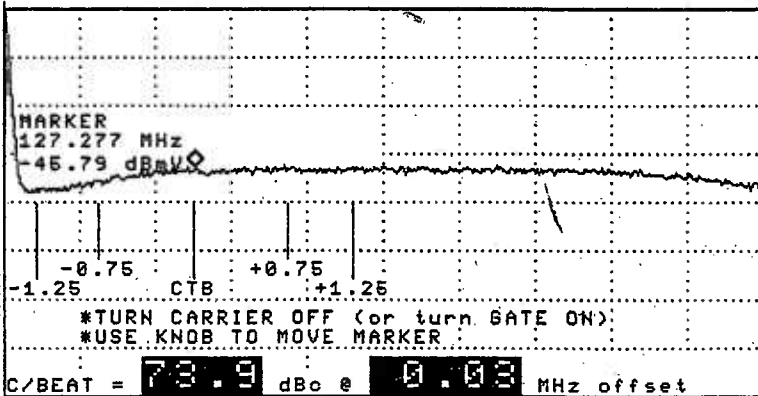
MAIN
MENU

15:28:23 JAN 18, 2005

CHANNEL 15 (STD)
REF -12.8 dBmV #AT 0 dB

MKR 127.277 MHz
-45.79 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 125.762 MHz STOP 131.762 MHz
#RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

CHNL
GATE
ON OFF

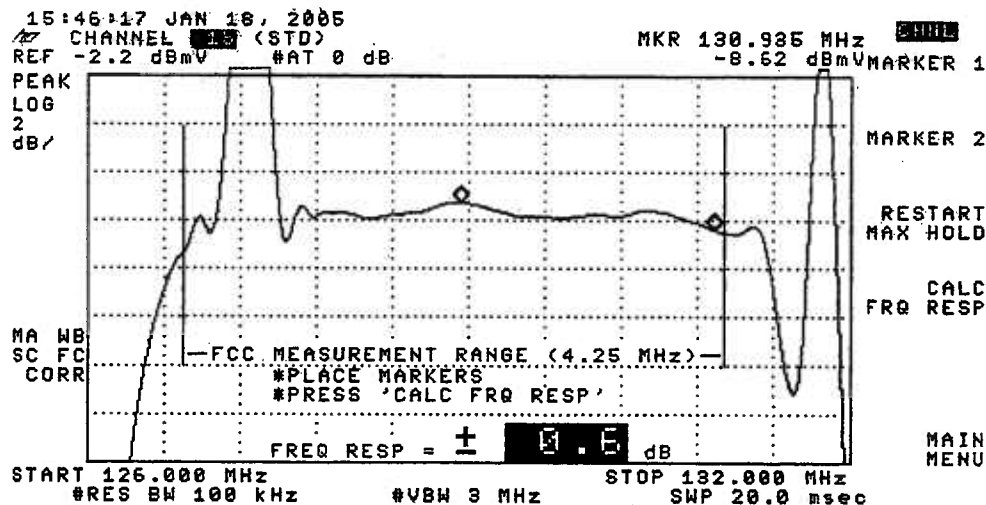
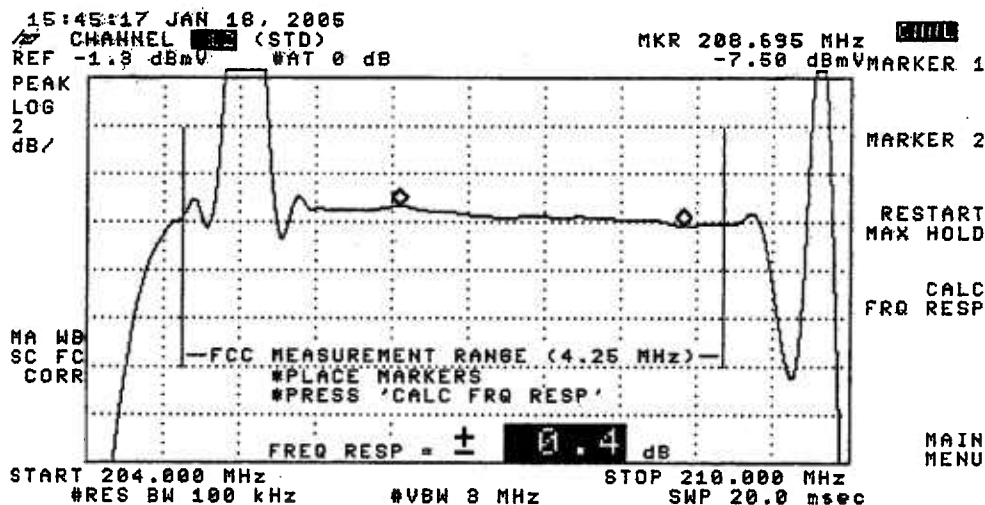
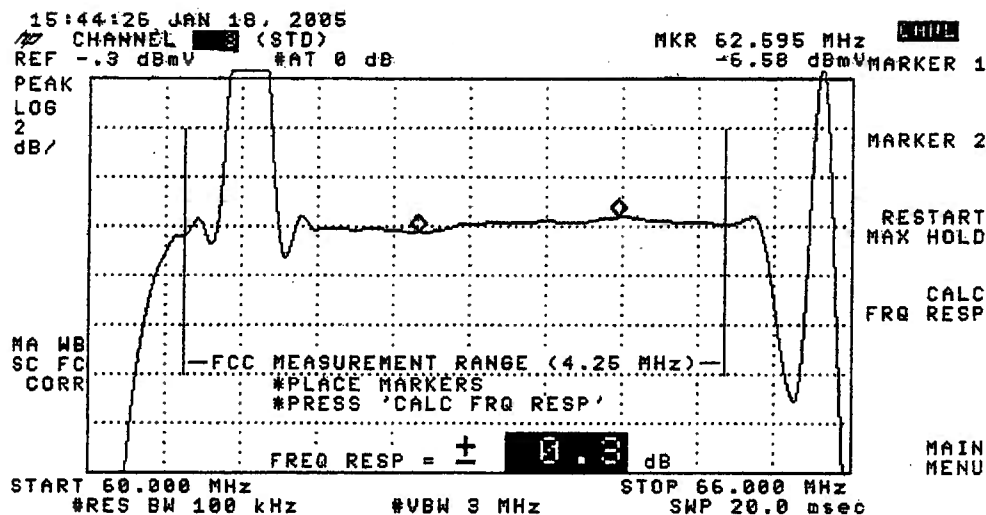
AVERAGE
ON OFF

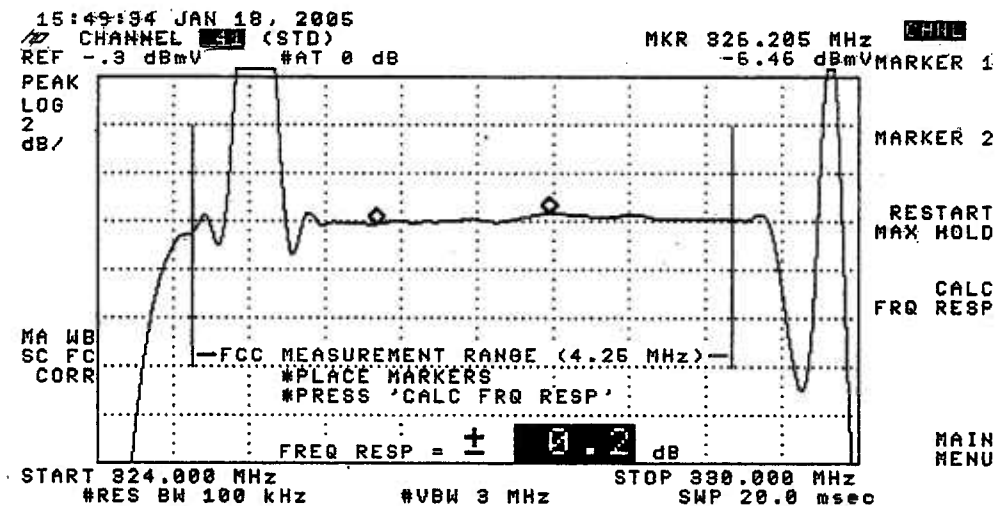
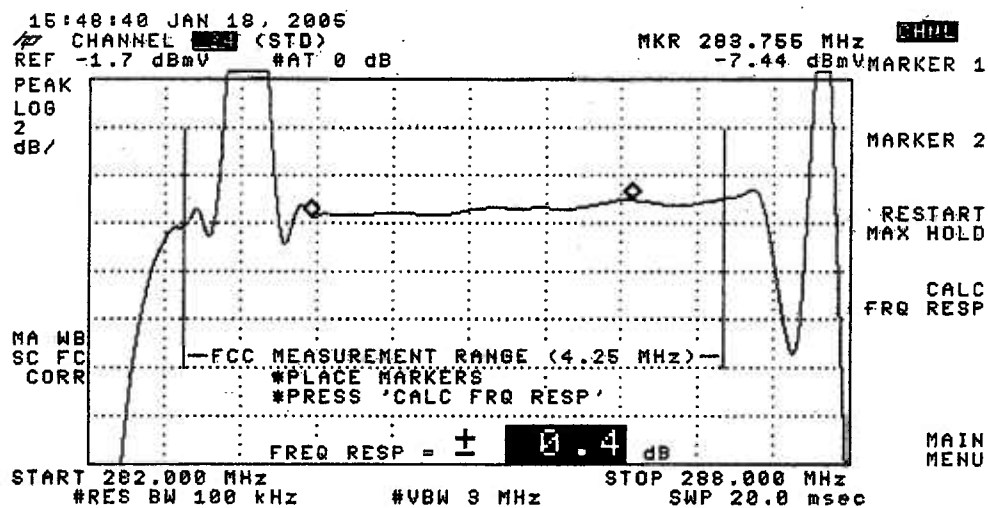
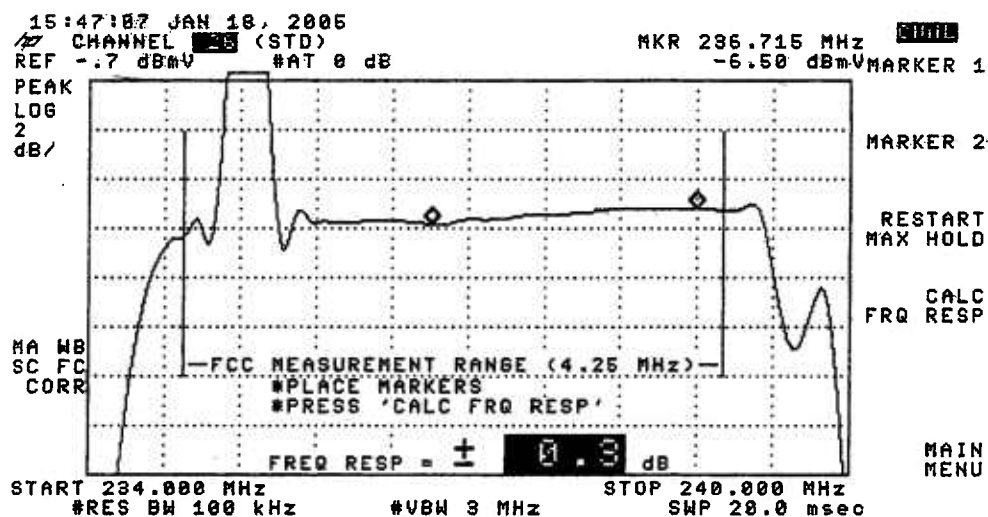
ZOOM &
MEASURE

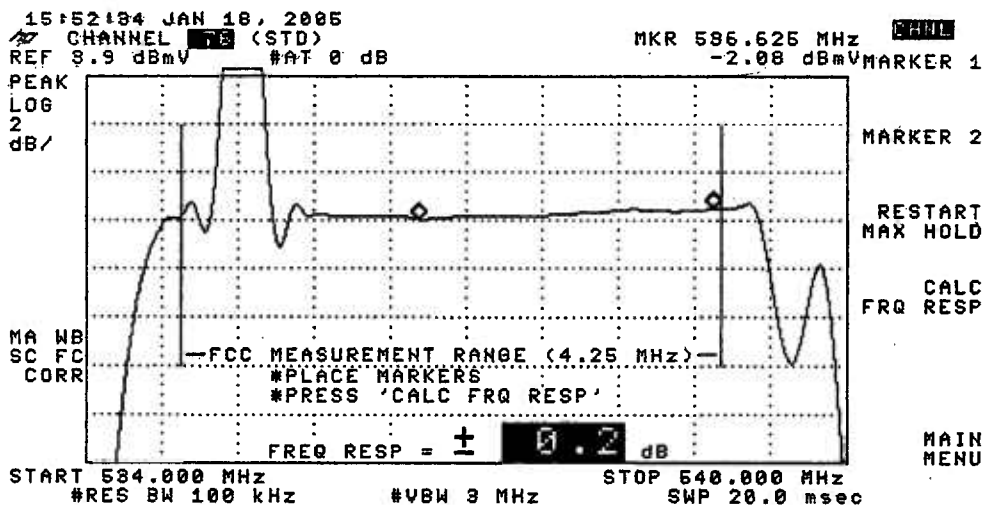
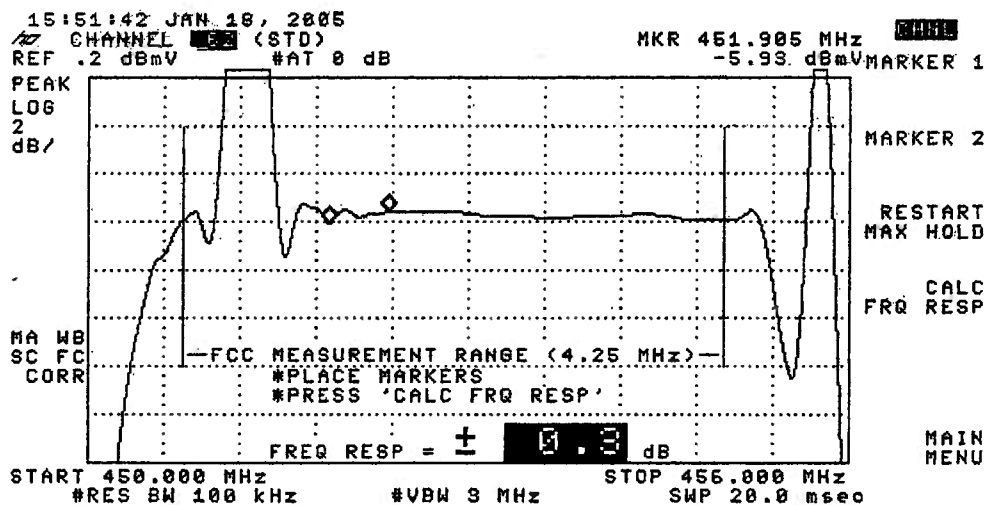
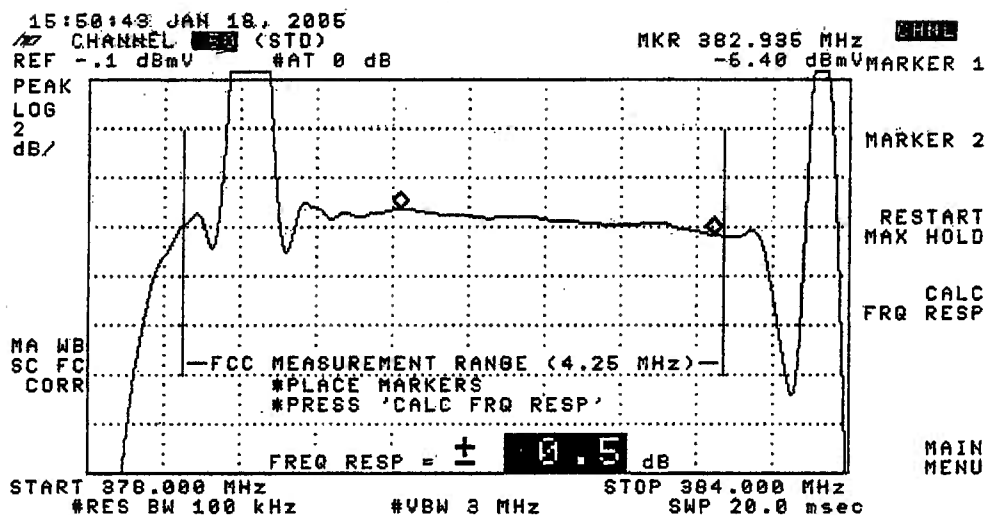
Gated
CTB

More

MAIN
MENU







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/11/2005
 Meter Serial Number : 4040001

Test Location : Brainard St./Watertown
 Performed By : Matt Jessman

		TEMP F						TEMP F					
		26.60	32.00	28.40	32.00			26.60	32.00	28.40	32.00		
		TIME						TIME					
		09:36:00	15:36:00	21:36:00	03:36:00			09:36:00	15:36:00	21:36:00	03:36:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	11.9	11.1	11.5	11.1	0.8	DD (40)	319.2625	10.6	10.1	10.4	10.3	0.5
3	61.2500	12.5	12.2	12.2	12.4	0.3	EE (41)	325.2625	10.9	10.2	10.4	10.1	0.8
4	67.2500	12.0	11.9	12.0	11.7	0.3	FF (42)	331.2750	11.2	10.6	10.4	10.5	0.8
5	77.2500	12.1	10.7	10.1	10.6	2	GG (43)	337.2625	11.0	10.6	11.0	10.5	0.5
6	83.2500						HH (44)	343.2625	11.3	10.6	10.7	10.6	0.7
A-5 (95)	91.2500						II (45)	349.2625	12.4	12.3	11.9	12.1	0.5
A-4 (96)	97.2500	11.3	10.9	11.1	10.9	0.4	JJ (46)	355.2625	12.1	11.3	11.4	11.1	1
A-3 (97)	103.2500	13.1	10.6	12.8	12.6	2.5	KK (47)	361.2625					
A-2 (98)	109.2750	10.7	10.3	10.6	10.3	0.4	LL (48)	367.2625	12.4	11.9	12.0	12.2	0.5
A-1 (99)	115.2750	13.3	12.5	12.8	12.0	1.3	MM (49)	373.2625	10.8	10.6	11.4	10.6	0.8
A (14)	121.2625	10.9	10.8	10.3	10.8	0.6	NN (50)	379.2625	13.2	12.2	12.6	12.2	1
B (15)	127.2625	10.1	10.7	10.2	10.5	0.6	OO (51)	385.2625	12.6	12.5	12.1	11.9	0.7
C (16)	133.2625	10.1	10.0	10.9	10.9	0.9	PP (52)	391.2625	12.4	12.0	11.9	11.8	0.6
D (17)	139.2500	10.6	10.0	10.1	10.1	0.6	QQ (53)	397.2625	11.9	11.3	11.8	11.3	0.6
B (18)	145.2500	11.5	10.9	11.0	10.5	1	RR (54)	403.2500	12.1	11.5	12.0	11.5	0.6
F (19)	151.3210	11.0	10.3	10.4	10.9	0.7	SS (55)	409.2500	12.0	11.5	11.6	11.5	0.5
G (20)	157.2500	11.3	10.9	10.1	10.7	1.2	TT (56)	415.2500	12.6	11.8	10.4	10.3	2.3
H (21)	163.2500	10.9	10.6	10.5	10.5	0.4	UU (57)	421.2500	11.8	11.3	11.3	11.1	0.7
I (22)	169.2500	10.4	10.5	10.3	10.1	0.4	VV (58)	427.2500	11.7	11.3	11.4	11.2	0.5
7	175.2500	10.4	10.1	10.2	9.9	0.5	WW (59)	433.2500	12.1	12.0	11.9	11.8	0.3
8	181.2500	10.8	10.3	10.5	10.0	0.8	XX (60)	439.2500	10.4	11.0	11.1	10.8	0.7
9	187.2500	11.2	10.9	11.0	10.9	0.3	YY (61)	445.2500	12.3	10.2	12.4	11.0	2.2
10	193.2500	11.1	10.7	10.6	10.4	0.7	ZZ (62)	451.2500	13.0	12.5	12.5	12.4	0.6
11	199.2500	11.0	10.7	10.6	10.1	0.9	63	457.2500	12.9	12.6	12.6	12.6	0.3
12	205.2500	10.7	10.2	10.2	10.9	0.7	64	463.2500	13.7	13.7	13.7	13.1	0.6
13	211.2500	10.1	10.7	10.6	10.4	0.6	65	469.2500	13.3	12.8	12.9	12.5	0.8
J (23)	217.2500	10.7	10.2	10.3	10.8	0.6	66	475.2500	12.6	12.9	13.0	12.6	0.4
K (24)	223.2500	11.0	10.3	10.4	10.3	0.7	67	481.2500	13.0	12.5	12.5	12.5	0.5
L (25)	229.2625	11.1	10.4	10.5	10.2	0.9	68	487.2500	12.9	12.6	12.5	12.4	0.5
M (26)	235.2625	11.3	10.8	11.1	10.7	0.6	69	493.2500	12.9	12.8	12.9	12.7	0.2
N (27)	241.2625	10.9	10.8	11.2	10.6	0.6	70	499.2500	13.6	13.5	13.4	13.4	0.2
O (28)	247.2625	10.9	10.3	10.4	10.9	0.6	71	505.2500	13.5	13.2	13.4	13.1	0.4
P (29)	253.2625	10.1	10.1	10.1	10.6	0.5	72	511.2500	13.2	13.2	13.4	13.2	0.2
Q (30)	259.2625	10.6	10.7	10.9	10.6	0.3	73	517.2500	14.1	13.7	13.7	13.6	0.5
R (31)	265.2625	10.8	10.8	10.6	10.8	0.2	74	523.2500	14.3	13.6	13.8	13.8	0.7
S (32)	271.2625	10.4	10.2	10.1	10.3	0.3	75	529.2500	14.3	13.3	13.6	13.4	1
T (33)	277.2625	10.1	10.9	10.7	10.8	0.8	76	535.2500	13.8	13.7	13.8	13.6	0.2
U (34)	283.2625	10.3	10.6	10.1	10.6	0.5	77	541.2500	13.3	13.0	13.3	13.4	0.4
V (35)	289.2625	10.1	10.1	10.2	10.0	0.2	78	547.2500	14.2	13.8	13.6	13.6	0.6
W (36)	295.2625	10.3	10.8	10.9	10.5	0.6	79	553.2500					
AA (37)	301.2625	10.4	10.9	10.8	10.8	0.5	80	559.2500					
BB (38)	307.2625	10.7	10.3	10.4	10.2	0.5	81	565.2500					
CC (39)	313.2625	10.9	10.8	10.0	10.5	0.9							

Max Non Adjacent Channel Level Diff :- 4.2
 Max Adjacent Channel Level Diff :- 2.6
 Max Variance from last proof of performance test :- N/A
 Date of last proof of performance test :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

<i>System Name</i>	:	Watertown
<i>System Test Point #</i>	:	3
<i>Hub Name</i>	:	Watertown
<i>Location</i>	:	S. Massey St./Watertown
<i>Map Number</i>	:	389-5970
<i>Pole Number</i>	:	79/41
<i>D.T. Value</i>	:	23-4 port
<i>OR Number</i>	:	1162
<i>GNA Cascade</i>	:	2
<i>LE Cascade</i>	:	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
Date

Watertown
01/10/2005

Test Location
Time

S. Massey St./Watertown
12:10:00

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	14.2	0.2		14	DD (40)	319.2625	13.9	-0.3		14.2
3	61.2500	16.0	1.0		15	EE (41)	325.2625	14.0	-0.1		14.1
4	67.2500	15.6	0.9		14.7	FF (42)	331.2750	13.7	-0.9		14.6
5	77.2500	13.1	-0.9		14	GG (43)	337.2625	14.1	0.4		13.7
6	83.2500	N/A	N/A		N/A	HH (44)	343.2625	14.0	-0.3		14.3
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.4	-0.1		14.5
A-4 (96)	97.2500	15.3	0.9		14.4	JJ (46)	355.2625	14.2	0.0		14.2
A-3 (97)	103.2500	16.9	2.3		14.6	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	14.6	-0.7		15.3	LL (48)	367.2625	14.6	-0.6		15.2
A-1 (99)	115.2750	16.7	2.7		14	MM (49)	373.2625	14.1	-0.5		14.6
A (14)	121.2625	13.9	0.0		13.9	NN (50)	379.2625	14.4	1.3		13.1
B (15)	127.2625	14.4	0.0		14.4	OO (51)	385.2625	15.2	0.7		14.5
C (16)	133.2625	13.9	0.6		13.3	PP (52)	391.2625	14.6	0.4		14.2
D (17)	139.2500	14.4	0.0		14.4	QQ (53)	397.2625	14.3	1.1		13.2
E (18)	145.2500	15.7	1.0		14.7	RR (54)	403.2500	14.6	0.1		14.5
F (19)	151.3210	14.7	0.0		14.7	SS (55)	409.2500	14.5	-0.4		14.9
G (20)	157.2500	12.7	-1.9		14.6	TT (56)	415.2500	15.2	0.6		14.6
H (21)	163.2500	14.9	1.1		13.8	UU (57)	421.2500	14.2	-0.1		14.3
I (22)	169.2500	14.7	0.7		14	VV (58)	427.2500	14.2	0.5		13.7
J (23)	175.2500	14.2	-0.5		14.7	WW (59)	433.2500	14.3	-0.5		14.8
K (24)	181.2500	14.7	0.1		14.6	XX (60)	439.2500	13.3	-0.9		14.2
L (25)	187.2500	15.0	-0.1		15.1	YY (61)	445.2500	14.2	-0.2		14.4
M (26)	193.2500	14.2	-0.8		15	ZZ (62)	451.2500	15.3	0.6		14.7
N (27)	199.2500	14.3	0.1		14.2		63	457.2500	15.9	1.1	14.8
O (28)	205.2500	12.9	-1.2		14.1		64	463.2500	16.8	2.0	14.8
P (29)	211.2500	13.1	-0.3		13.6		65	469.2500	16.4	2.3	14.1
Q (30)	217.2500	12.1	-1.7		13.8		66	475.2500	16.5	2.7	13.8
R (31)	223.2500	13.6	0.0		13.6		67	481.2500	16.3	2.7	13.6
S (32)	229.2625	13.9	-0.4		14.3		68	487.2500	16.6	2.1	14.5
T (33)	235.2625	13.6	0.4		13.2		69	493.2500	16.7	3.3	13.4
U (34)	241.2625	14.1	-0.7		14.8		70	499.2500	17.2	3.0	14.2
V (35)	247.2625	13.4	-1.1		14.5		71	505.2500	17.0	1.8	15.2
W (36)	253.2625	13.4	-0.5		13.9		72	511.2500	16.2	1.8	14.4
AA (37)	259.2625	13.5	-0.7		14.2		73	517.2500	17.0	2.3	14.7
BB (38)	265.2625	14.1	-0.8		14.9		74	523.2500	16.6	2.0	14.6
CC (39)	271.2625	13.9	0.9		13		75	529.2500	16.4	2.9	13.5
	277.2625	14.3	-0.1		14.4		76	535.2500	16.6	1.8	14.8
	283.2625	14.2	0.6		13.6		77	541.2500	16.0	1.3	14.7
	289.2625	13.9	0.2		13.7		78	547.2500	16.3	0.9	15.4
	295.2625	14.5	0.0		14.5		79	553.2500	N/A	N/A	N/A
	301.2625	13.9	-0.5		14.4		80	559.2500	N/A	N/A	N/A
	307.2625	14.0	-0.3		14.3		81	565.2500	N/A	N/A	N/A
	313.2625	13.6	-0.7		14.3						

Min Channel	:	J(23)	12.1
Max Channel	:	70	17.2
Peak to Valley	:	5.1	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : S. Massey St./Watertown

Date : 01/20/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/20/2005

Performed By : Mark Favret

Location : S. Massey St./Watertown

(SEE THE ATTACHED SWEEP TRACES)

14:31:41 JAN 20, 2005

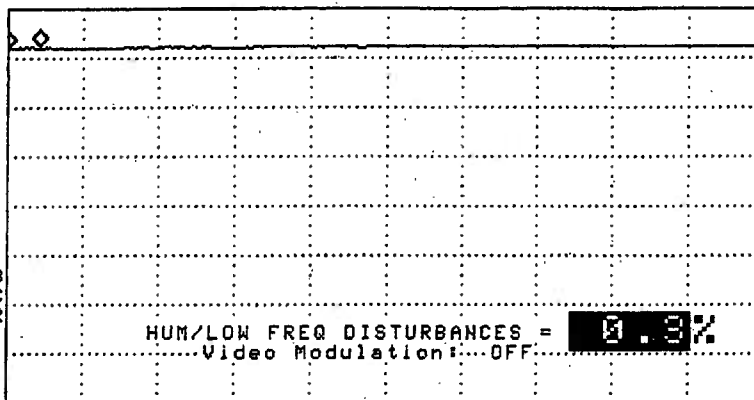
CHANNEL 3 (STD)
REF 18.0 dBmV AT 10 dB

MKR Δ -2.1250 msec
-0.02 dB

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



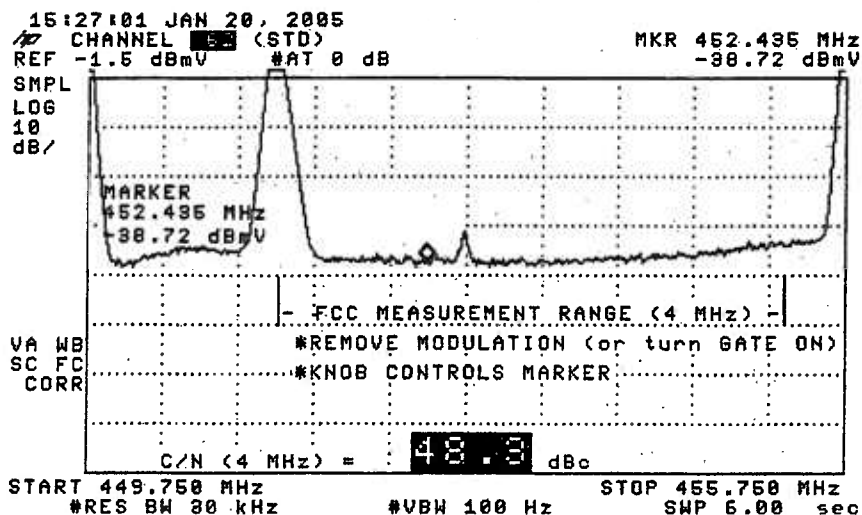
START 61.235 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.235 MHz
#SWP 50.0 msec

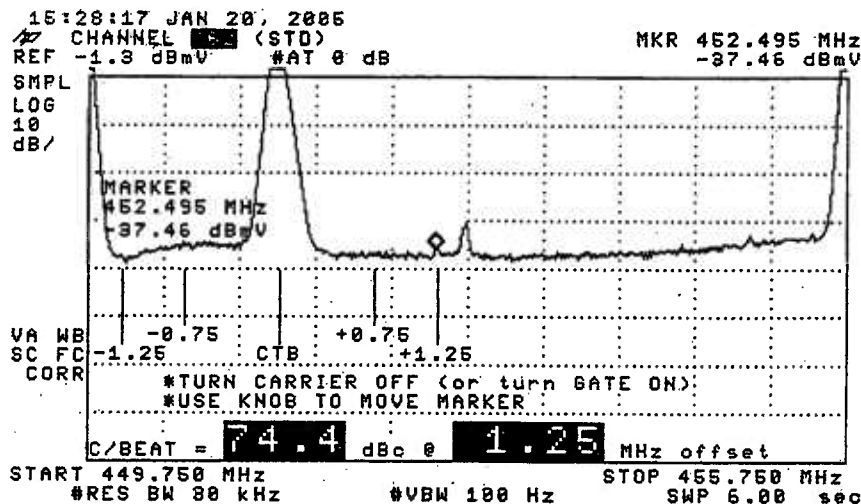
MORE
INFO

MAIN
MENU

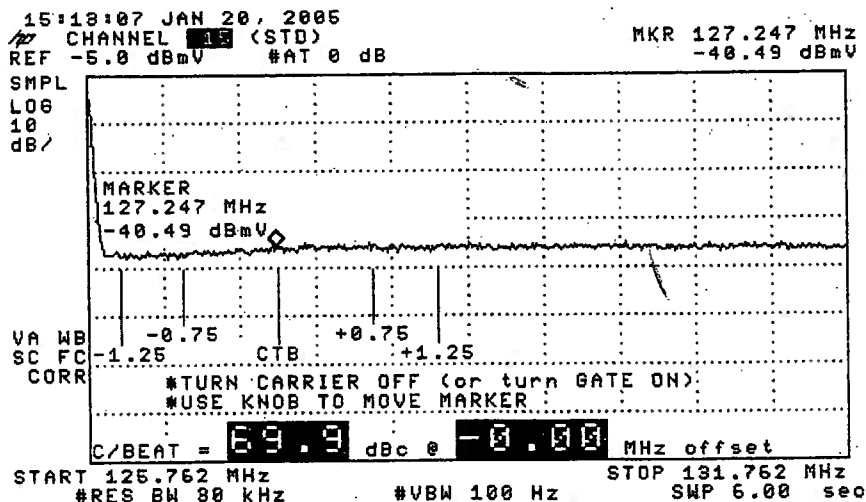


CHNL
 GATE ON OFF
 AVERAGE ON OFF

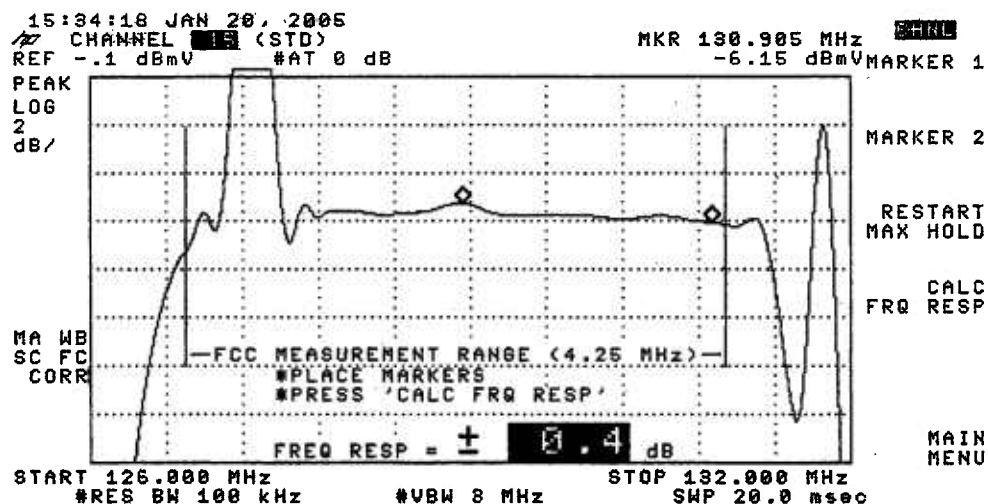
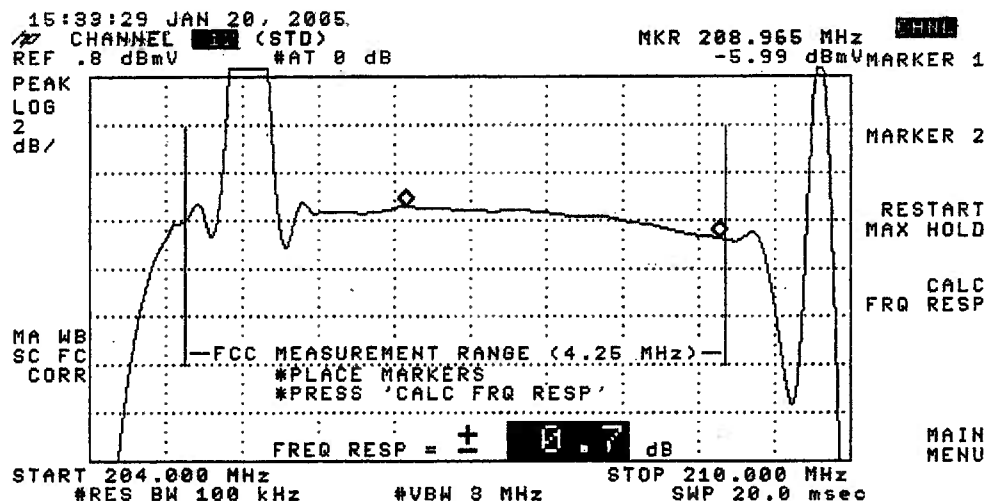
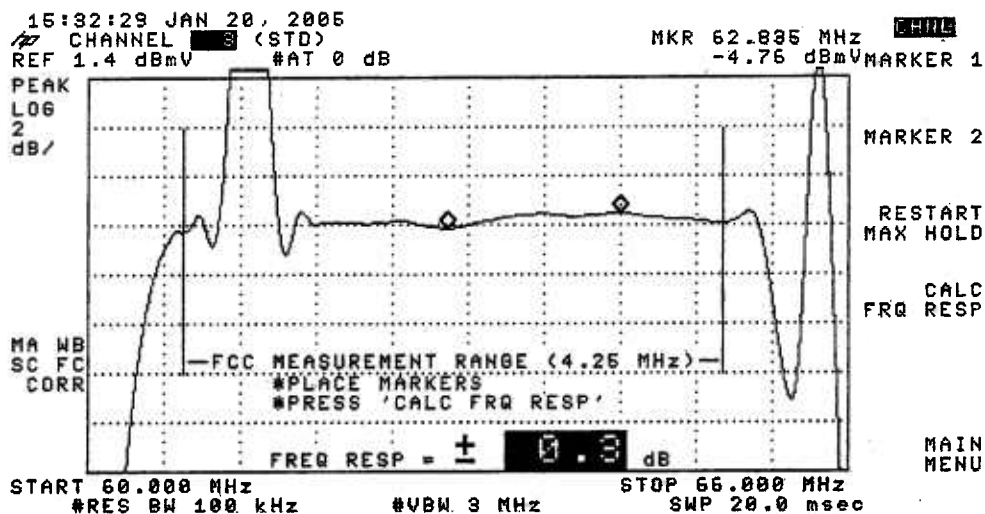
MORE INFO
 More
 MAIN MENU

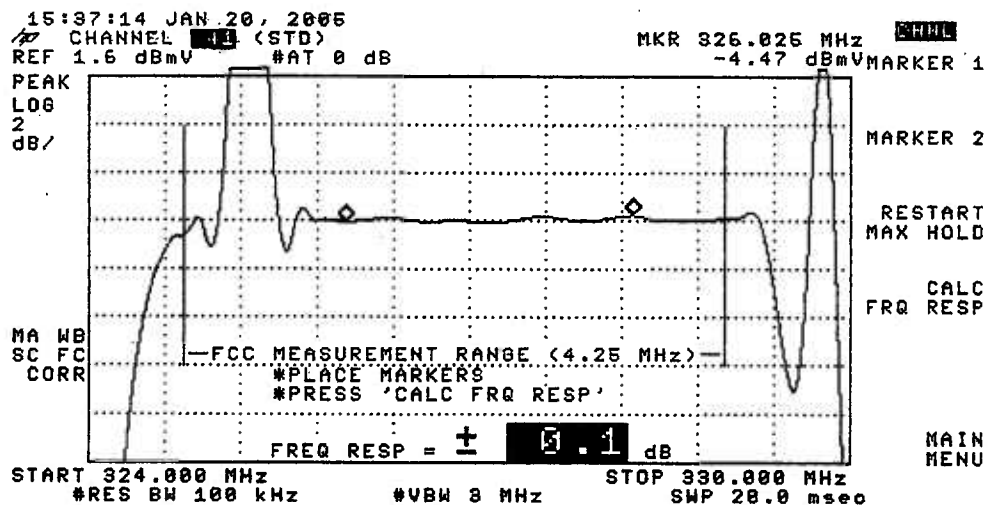
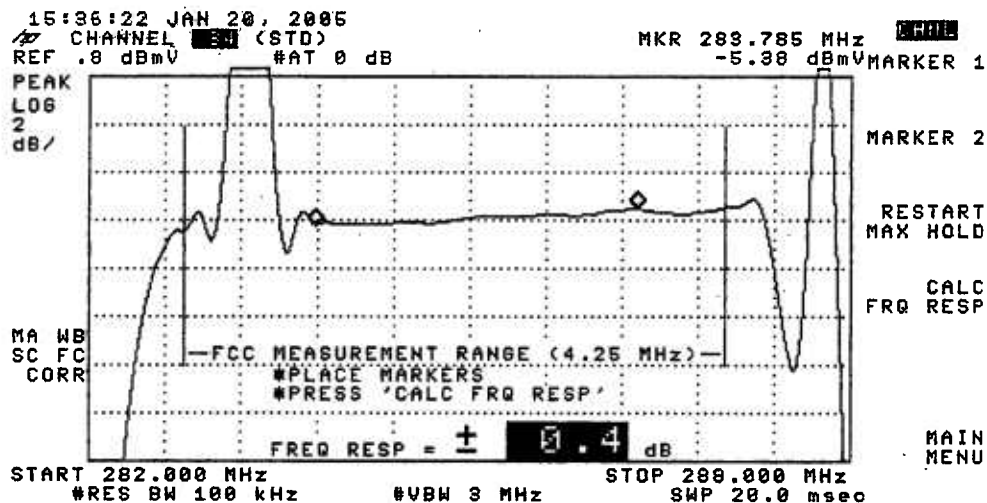
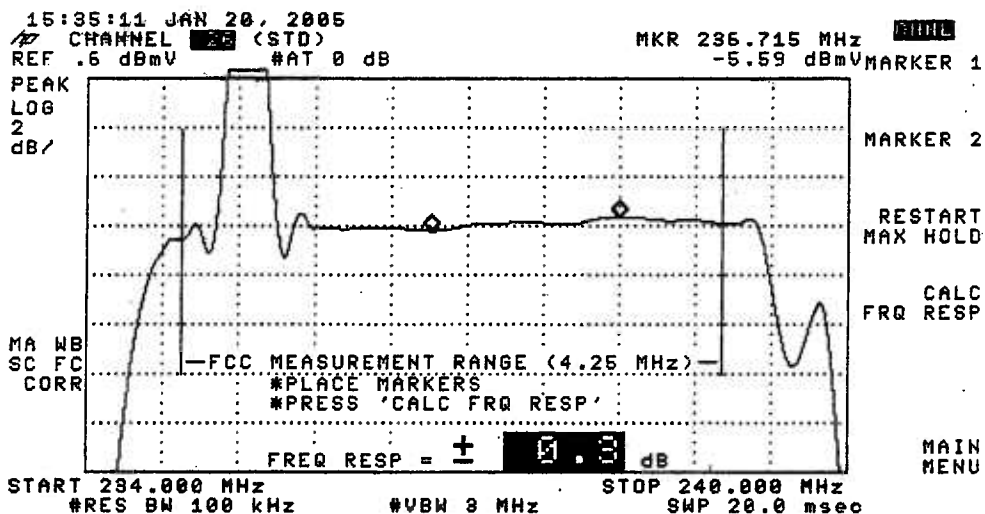


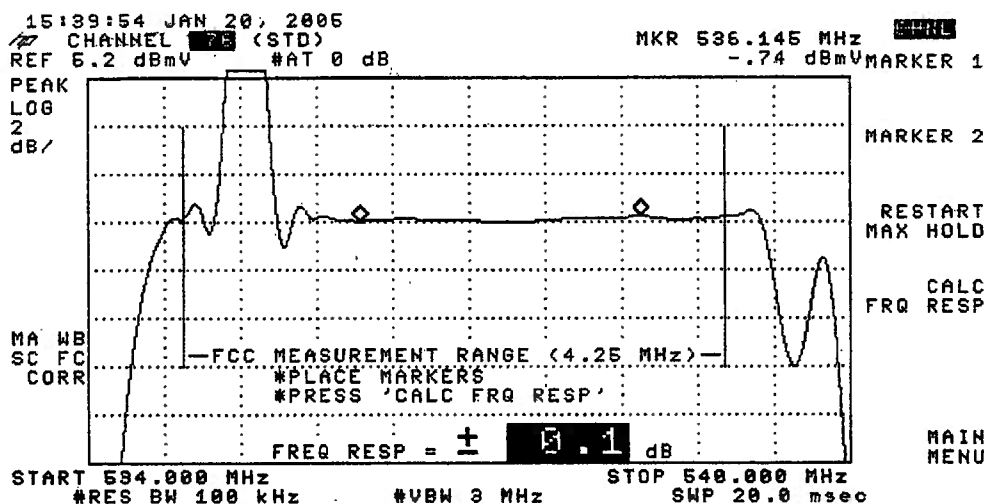
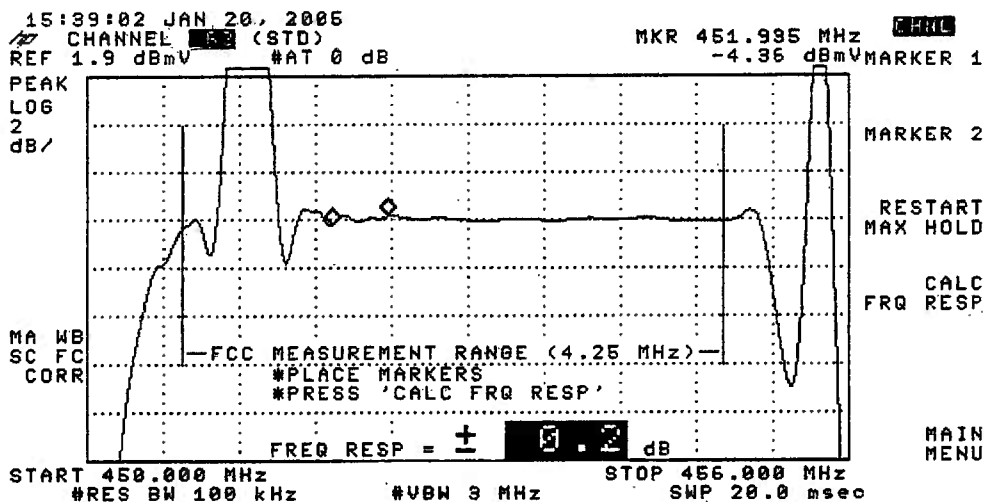
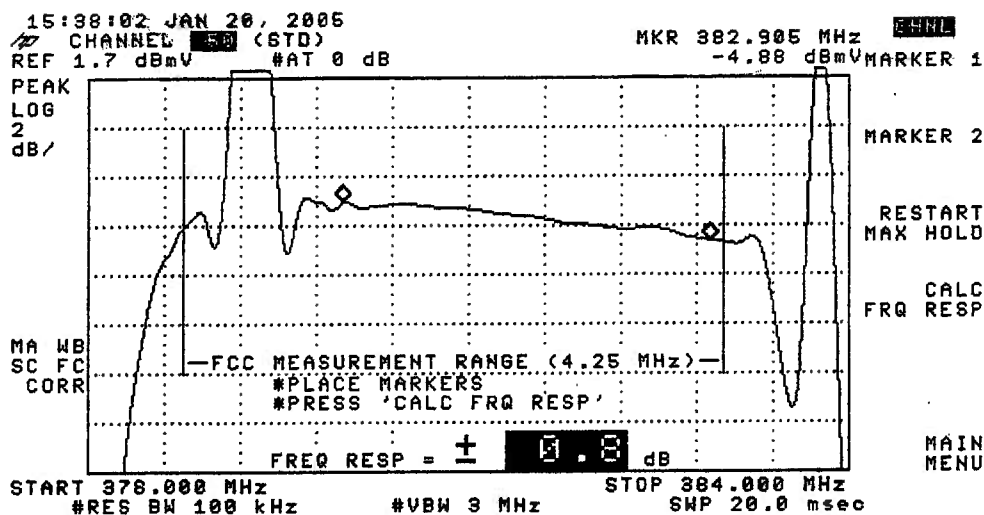
CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU



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







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/10/2005
 Meter Serial Number : 2370393

Test Location : S. Massey St./Watertown
 Performed By : Matt Jessman

		TEMP F						TEMP F					
		44.60	37.40	33.80	26.60			44.60	37.40	33.80	26.60		
		TIME						TIME					
		12:10:00	18:10:00	00:10:00	06:10:00			12:10:00	18:10:00	00:10:00	06:10:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.2	14.6	14.1	14.4	0.5	DD (40)	319.2625	13.9	14.0	13.9	14.0	0.1
3	61.2500	16.0	15.8	16.0	15.8	0.2	EE (41)	325.2625	14.0	14.0	13.8	14.1	0.3
4	67.2500	15.6	15.4	15.8	15.6	0.4	FF (42)	331.2750	13.7	13.8	13.7	13.8	0.1
5	77.2500	13.1	13.3	13.3	13.3	0.2	GG (43)	337.2625	14.1	14.3	14.3	14.4	0.3
6	83.2500						HH (44)	343.2625	14.0	13.9	14.2	14.3	0.4
A-5 (95)	91.2500						II (45)	349.2625	14.4	14.4	14.8	14.6	0.4
A-4 (96)	97.2500	15.3	15.3	15.5	15.4	0.2	JJ (46)	355.2625	14.2	14.2	14.0	14.5	0.5
A-3 (97)	103.2500	16.9	16.8	16.7	16.9	0.2	KK (47)	361.2625					
A-2 (98)	109.2750	14.6	15.1	15.2	15.1	0.6	LL (48)	367.2625	14.6	14.4	14.4	14.6	0.2
A-1 (99)	115.2750	16.7	17.0	17.0	17.0	0.3	MM (49)	373.2625	14.1	14.2	14.4	14.5	0.4
A (14)	121.2625	13.9	14.5	14.3	14.3	0.6	NN (50)	379.2625	14.4	14.6	14.8	14.9	0.5
B (15)	127.2625	14.4	14.6	14.8	14.5	0.4	OO (51)	385.2625	15.2	14.4	14.5	14.4	0.8
C (16)	133.2625	13.9	14.0	14.4	14.4	0.5	PP (52)	391.2625	14.6	14.8	14.7	14.7	0.2
D (17)	139.2500	14.4	14.4	14.5	14.3	0.2	QQ (53)	397.2625	14.3	14.4	14.4	14.4	0.1
E (18)	145.2500	15.7	15.9	16.0	16.0	0.3	RR (54)	403.2500	14.6	14.4	14.4	14.9	0.5
F (19)	151.3210	14.7	14.8	14.9	15.0	0.3	SS (55)	409.2500	14.5	14.6	14.6	15.0	0.5
G (20)	157.2500	12.7	12.6	12.8	14.0	1.4	TT (56)	415.2500	15.2	15.1	15.4	15.7	0.6
H (21)	163.2500	14.9	14.9	15.0	15.0	0.1	UU (57)	421.2500	14.2	14.3	14.4	14.6	0.4
I (22)	169.2500	14.7	14.6	15.0	14.9	0.4	VV (58)	427.2500	14.2	14.4	14.4	14.6	0.4
7	175.2500	14.2	14.4	14.5	14.4	0.3	WW (59)	433.2500	14.3	14.4	14.5	14.8	0.3
8	181.2500	14.7	14.7	14.8	14.9	0.2	XX (60)	439.2500	13.3	13.7	13.6	13.8	0.5
9	187.2500	15.0	15.0	15.2	15.2	0.2	YY (61)	445.2500	14.2	13.9	14.1	14.4	0.5
10	193.2500	14.2	14.5	14.6	14.8	0.6	ZZ (62)	451.2500	15.3	15.3	15.3	15.5	0.2
11	199.2500	14.3	14.1	14.4	14.4	0.3	63	457.2500	15.9	15.8	16.0	16.1	0.3
12	205.2500	12.9	13.1	13.1	13.3	0.4	64	463.2500	16.8	16.8	16.8	16.8	
13	211.2500	13.1	13.3	13.6	13.1	0.5	65	469.2500	16.4	16.5	16.6	16.9	0.5
J (23)	217.2500	12.1	14.4	13.8	13.3	2.3	66	475.2500	16.5	16.6	16.6	17.0	0.5
K (24)	223.2500	13.6	13.9	13.9	14.1	0.5	67	481.2500	16.3	16.8	16.7	17.0	0.7
L (25)	229.2625	13.9	13.8	13.9	14.4	0.6	68	487.2500	16.6	16.6	16.6	17.1	0.5
M (26)	235.2625	13.6	13.8	14.0	14.1	0.5	69	493.2500	16.7	16.6	16.8	17.2	0.6
N (27)	241.2625	14.1	14.1	14.1	14.4	0.3	70	499.2500	17.2	17.4	17.5	17.6	0.4
O (28)	247.2625	13.4	13.6	13.8	14.0	0.6	71	505.2500	17.0	17.1	17.1	17.4	0.4
P (29)	253.2625	13.4	13.3	13.8	14.3	1	72	511.2500	16.2	16.4	16.5	17.0	0.8
Q (30)	259.2625	13.5	13.9	13.6	14.1	0.6	73	517.2500	17.0	17.0	17.1	17.3	0.3
R (31)	265.2625	14.1	14.1	14.0	14.3	0.3	74	523.2500	16.6	16.8	17.0	17.3	0.7
S (32)	271.2625	13.9	14.2	14.2	14.1	0.3	75	529.2500	16.4	16.5	16.7	17.0	0.6
T (33)	277.2625	14.3	14.4	14.7	14.5	0.4	76	535.2500	16.6	16.8	16.9	16.9	0.3
U (34)	283.2625	14.2	14.1	14.1	14.6	0.5	77	541.2500	16.0	15.9	16.0	16.0	0.1
V (35)	289.2625	13.9	13.7	14.4	13.9	0.7	78	547.2500	16.3	16.5	16.7	16.8	0.5
W (36)	295.2625	14.5	14.2	14.5	14.4	0.3	79	553.2500					
AA (37)	301.2625	13.9	13.4	14.0	13.9	0.6	80	559.2500					
BB (38)	307.2625	14.0	14.1	14.2	14.4	0.4	81	565.2500					
CC (39)	313.2625	13.6	13.9	13.9	14.4	0.8							

Max Non Adjacent Channel Level Diff
 Max Adjacent Channel Level Diff
 Max Variance from last proof of performance test
 Date of last proof of performance test

:- 5.1
 :- 2.8
 :- N/A
 :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	4
Hub Name	:	Adams
Location	:	Co. Rt. 75/Belleville
Map Number	:	344-5906
Pole Number	:	46/15
D.T. Value	:	23-2 port
OR Number	:	1206
GNA Cascade	:	6
LE Cascade	:	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 : Watertown Test Location : Co. Rt. 75/Belleville
Date : 01/07/2005 Time : 15:32:00

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	13.4	-1.3		14.7	DD (40)	319.2625	15.2	0.8		14.4
3	61.2500	13.9	-0.2		14.1	EE (41)	325.2625	14.9	0.5		14.4
4	67.2500	14.4	0.0		14.4	FF (42)	331.2750	14.7	0.1		14.6
5	77.2500	12.7	-2.3		15	GG (43)	337.2625	13.8	-0.1		13.9
6	83.2500	12.9	-1.7		14.6	HH (44)	343.2625	13.9	0.5		13.4
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.1	0.0		14.1
A-4 (96)	97.2500	14.4	0.4		14	JJ (46)	355.2625	15.5	0.9		14.6
A-3 (97)	103.2500	12.7	-1.4		14.1	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	14.6	-0.2		14.8	LL (48)	367.2625	16.0	1.0		15
A-1 (99)	115.2750	13.5	-0.9		14.4	MM (49)	373.2625	14.9	0.5		14.4
A (14)	121.2625	12.1	-1.1		13.2	NN (50)	379.2625	15.2	0.5		14.7
B (15)	127.2625	13.2	-1.2		14.4	OO (51)	385.2625	16.6	1.8		14.8
C (16)	133.2625	13.1	-0.6		13.7	PP (52)	391.2625	16.0	0.7		15.3
D (17)	139.2500	13.0	-1.1		14.1	QQ (53)	397.2625	16.0	1.9		14.1
E (18)	145.2500	14.1	-1.0		15.1	RR (54)	403.2500	15.4	0.5		14.9
F (19)	151.3210	12.8	-1.1		13.9	SS (55)	409.2500	14.7	-0.2		14.9
G (20)	157.2500	13.2	-0.6		13.8	TT (56)	415.2500	15.2	0.4		14.8
H (21)	163.2500	14.4	0.9		13.5	UU (57)	421.2500	14.4	-0.2		14.6
I (22)	169.2500	14.1	0.7		13.4	VV (58)	427.2500	13.9	0.1		13.8
7	175.2500	15.0	-0.1		15.1	WW (59)	433.2500	14.3	-0.5		14.8
8	181.2500	14.6	-0.4		15	XX (60)	439.2500	13.4	-1.0		14.4
9	187.2500	15.7	1.3		14.4	YY (61)	445.2500	14.3	-0.2		14.5
10	193.2500	15.7	0.7		15	ZZ (62)	451.2500	15.0	0.3		14.7
11	199.2500	16.1	1.0		15.1	63	457.2500	15.4	0.6		14.8
12	205.2500	14.3	-0.3		14.6	64	463.2500	16.0	1.5		14.5
13	211.2500	14.0	0.7		13.3	65	469.2500	15.6	1.9		13.7
J (23)	217.2500	13.6	0.1		13.5	66	475.2500	15.8	1.4		14.4
K (24)	223.2500	13.7	0.1		13.6	67	481.2500	15.4	1.1		14.3
L (25)	229.2625	14.6	-0.3		14.9	68	487.2500	15.3	0.9		14.4
M (26)	235.2625	13.8	-0.7		14.5	69	493.2500	15.3	1.1		14.2
N (27)	241.2625	14.2	0.3		13.9	70	499.2500	14.5	-0.2		14.7
O (28)	247.2625	14.7	0.0		14.7	71	505.2500	14.9	0.2		14.7
P (29)	253.2625	15.1	0.8		14.3	72	511.2500	14.1	-0.3		14.4
Q (30)	259.2625	15.2	0.4		14.8	73	517.2500	15.2	0.0		15.2
R (31)	265.2625	14.9	0.7		14.2	74	523.2500	15.0	-0.3		15.3
S (32)	271.2625	13.6	-1.0		14.6	75	529.2500	15.0	0.3		14.7
T (33)	277.2625	14.6	0.3		14.3	76	535.2500	15.3	0.4		14.9
U (34)	283.2625	15.0	1.0		14	77	541.2500	14.6	0.7		13.9
V (35)	289.2625	15.2	1.8		13.4	78	547.2500	16.1	1.3		14.8
W (36)	295.2625	15.5	1.2		14.3	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	15.7	1.0		14.7	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	15.4	0.3		15.1	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.1	1.1		14						

Min Channel	:	A(14)	12.1
Max Channel	:	OO(51)	16.6
Peak to Valley	:	4.5	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : Co. Rt. 75/Belleville

Date : 01/18/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/18/2005

Performed By : Mark Favret

Location : Co. Rt. 75/Belleville

(SEE THE ATTACHED SWEEP TRACES)

11:37:28 JAN 18, 2005

CHANNEL 3 (STD)

MKR Δ -4.3750 msec

CHNL

REF 17.1 dBmV AT 10 dB

-.05 dB

PEAK

LOG

1

dB/

WA SB

SC FC

CORR

HUM/LOW FREQ DISTURBANCES = 0.6%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

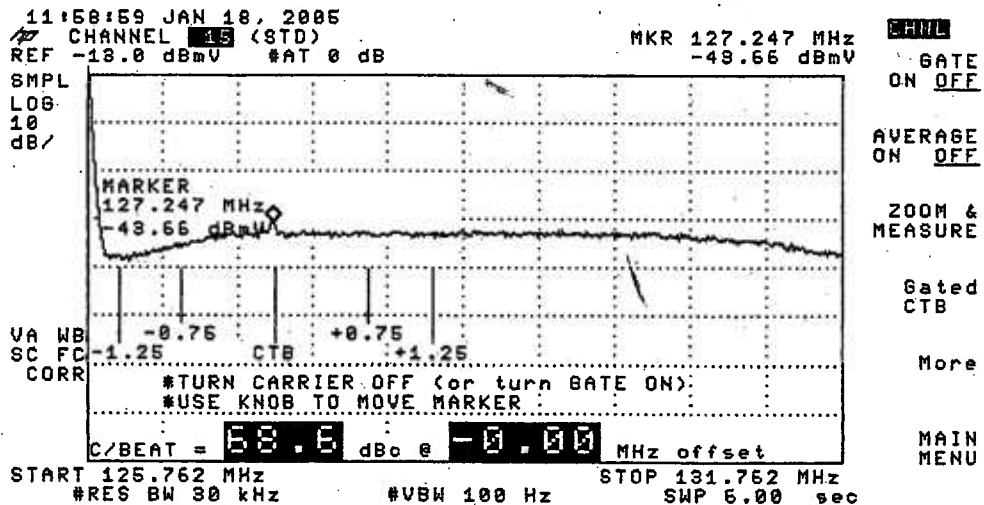
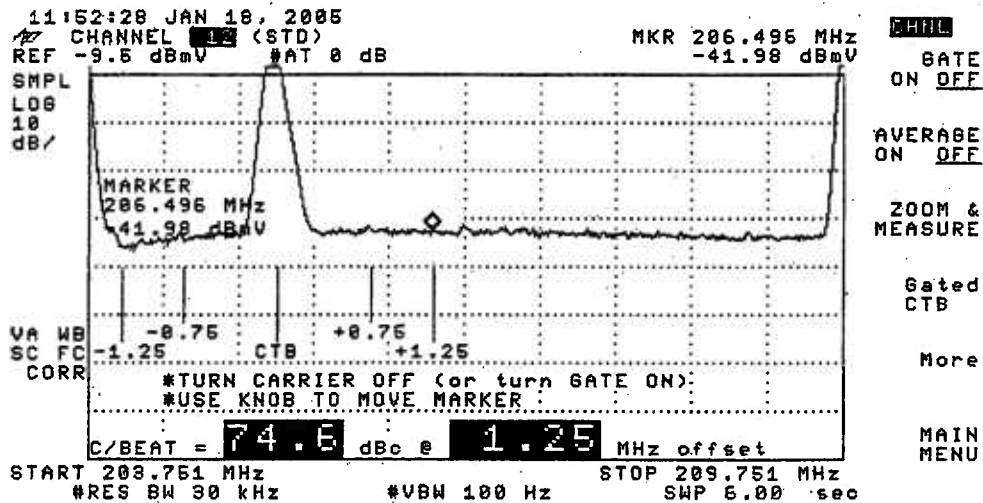
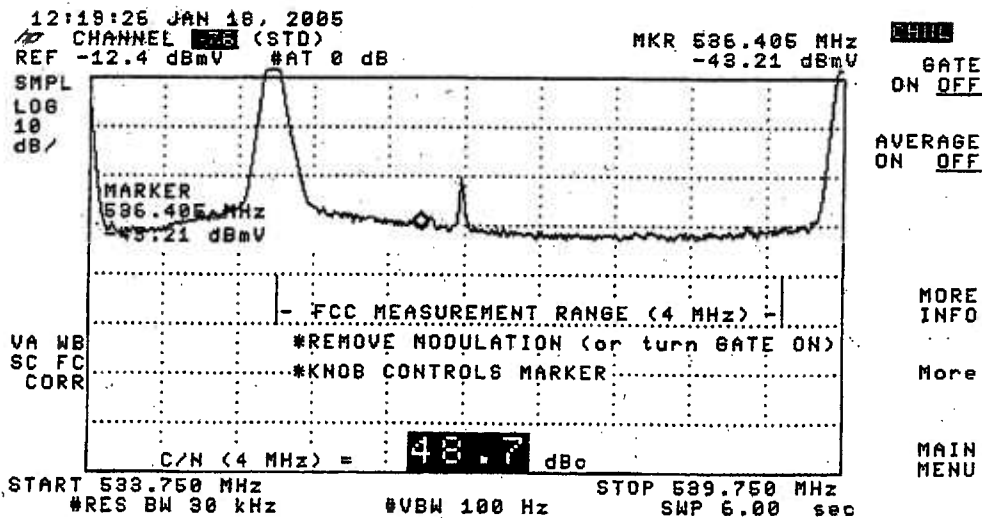
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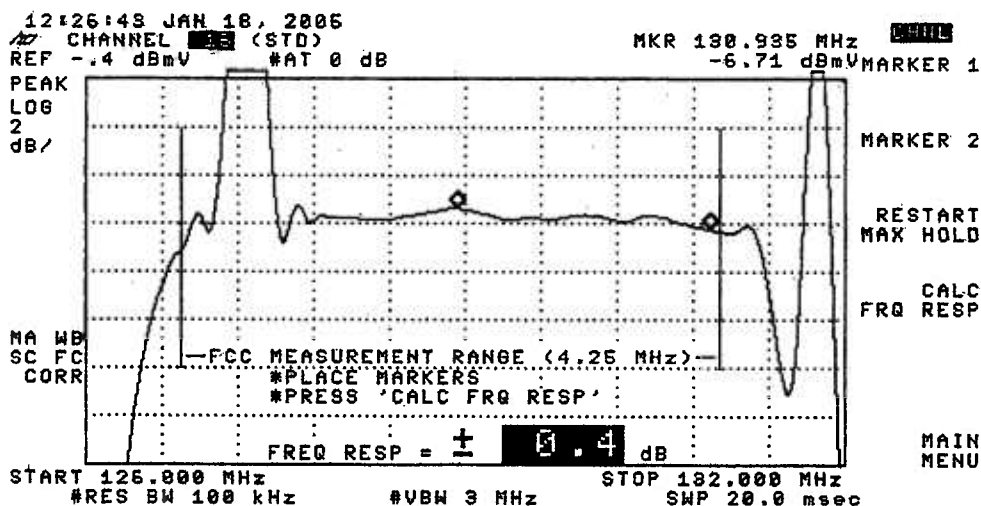
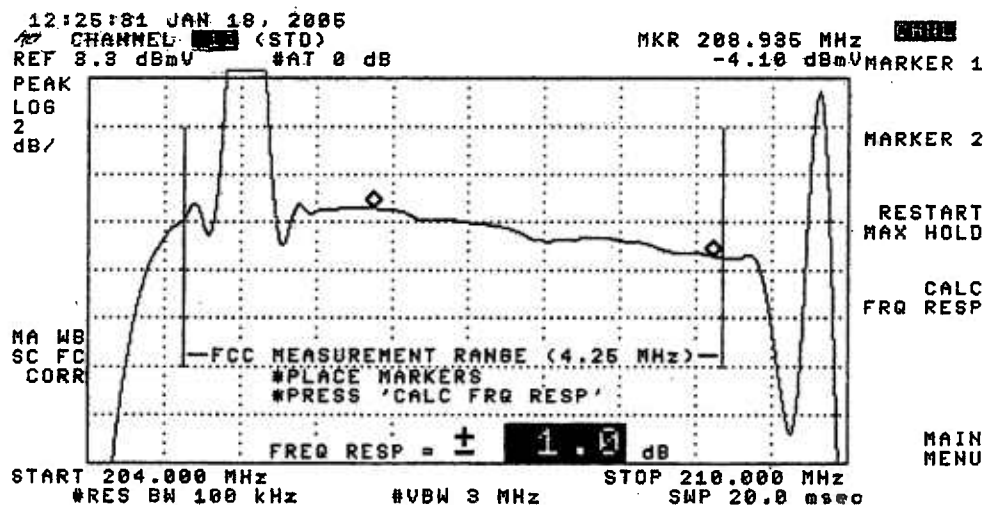
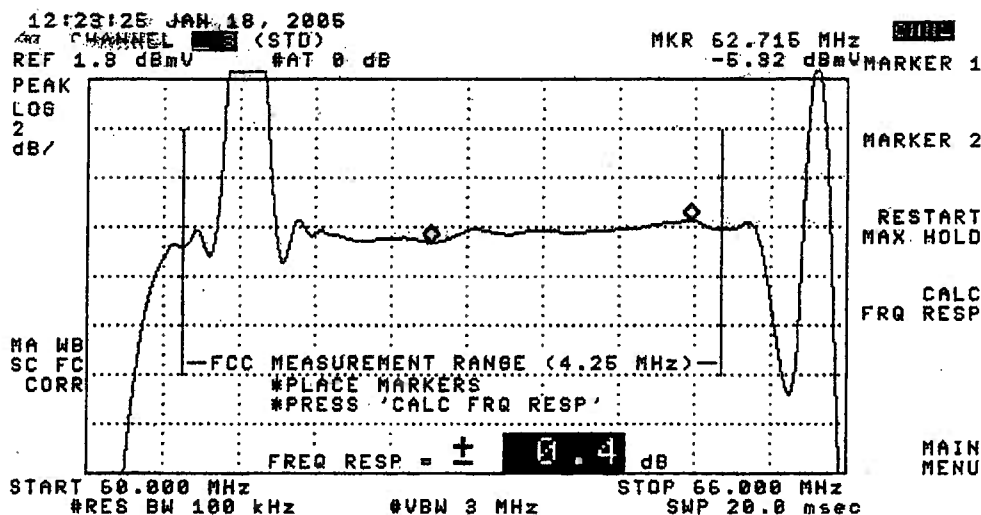
#RES BW 1.0 MHz

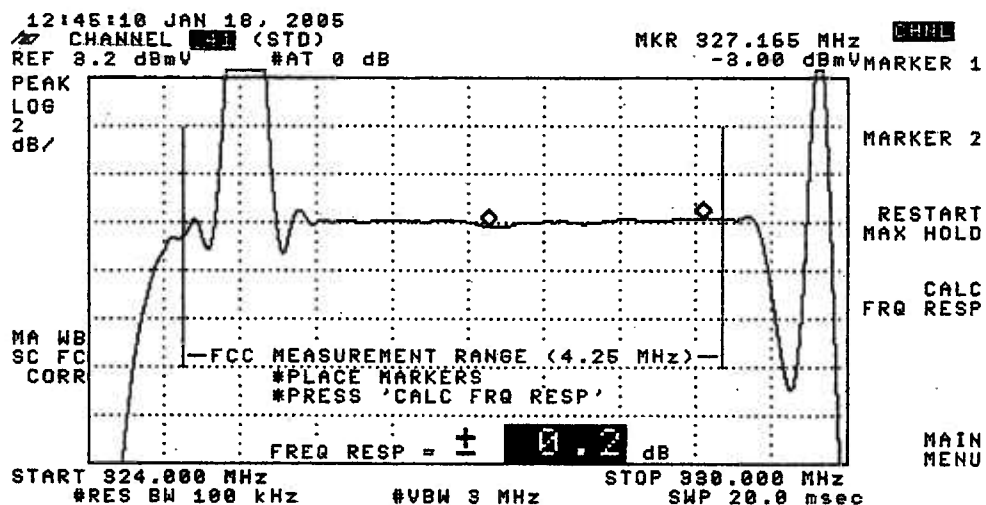
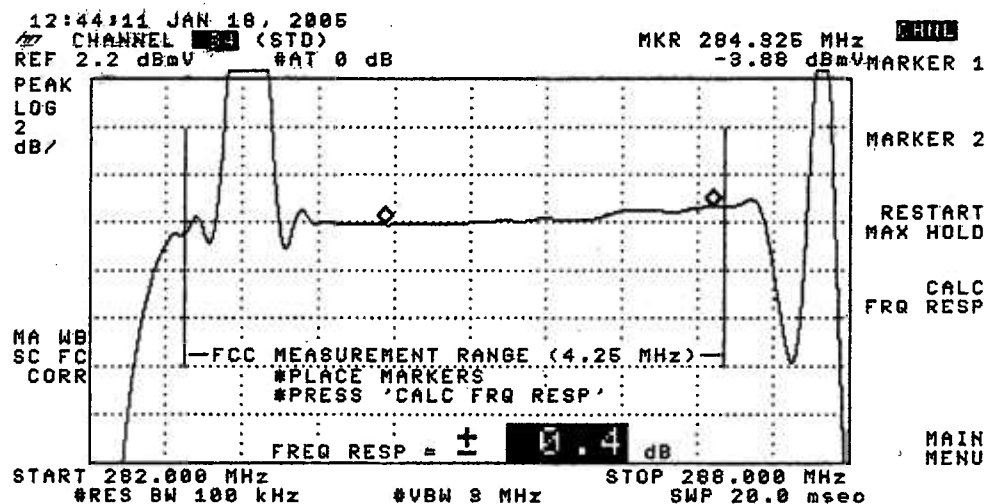
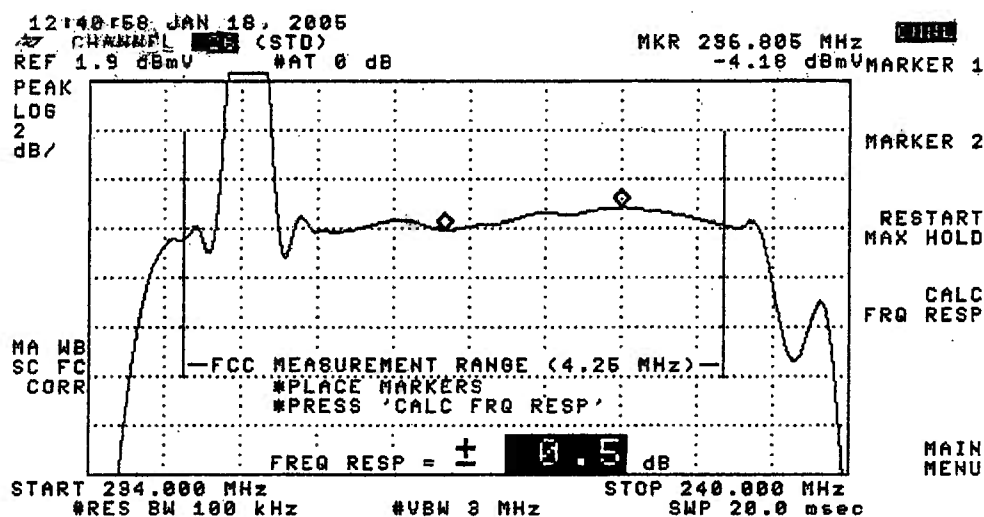
#VBW 1 kHz

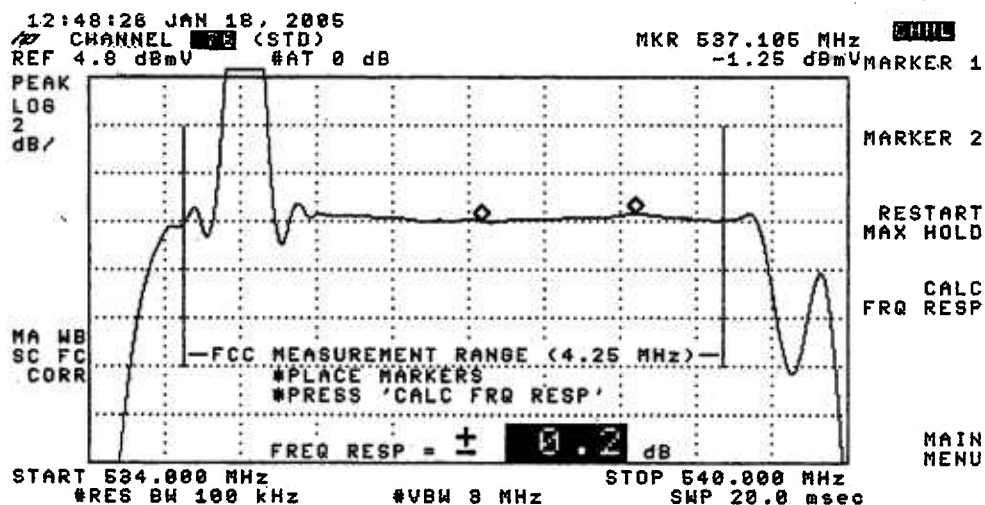
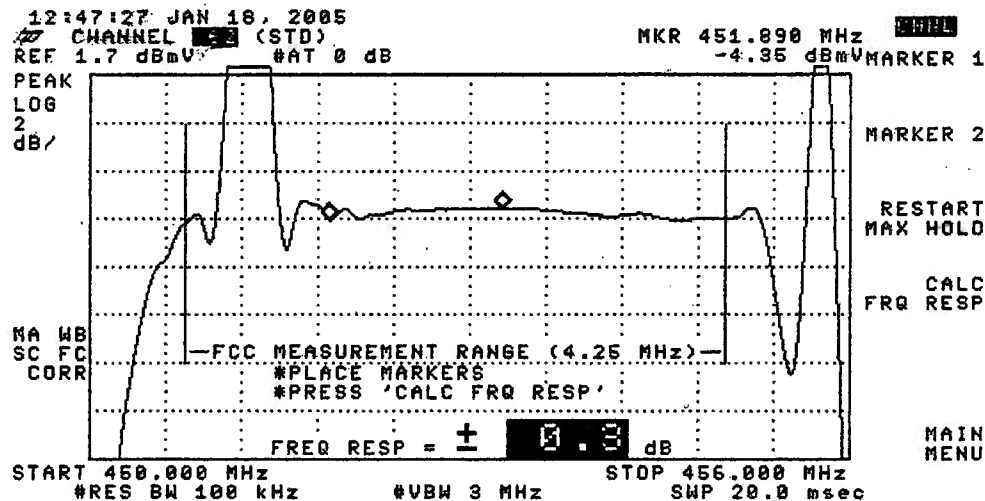
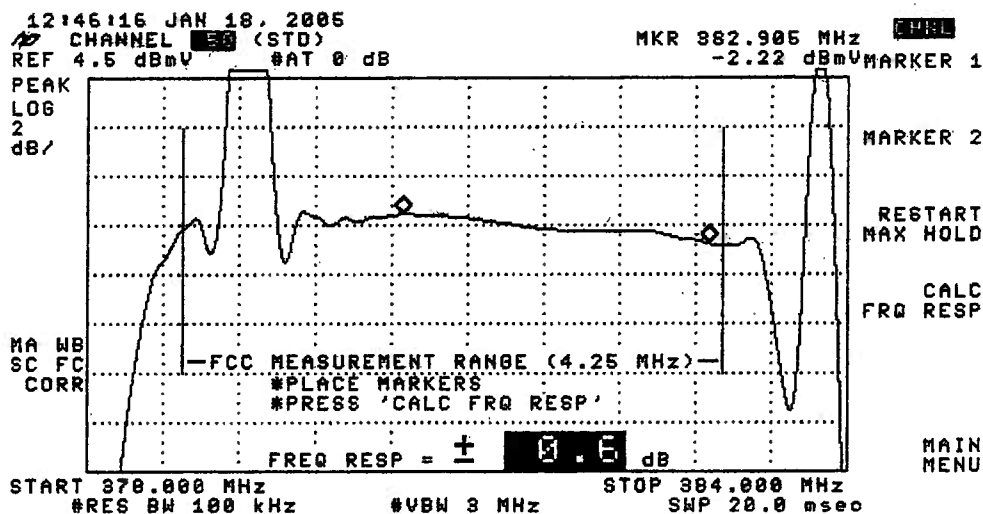
STOP 61.238 MHz

#SWP 50.0 msec









TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/07/2005
 Meter Serial Number : 2370393

Test Location : Co. Rt. 75/Belleville
 Performed By : Matt Jessman

TEMP F						TEMP F							
32.40 32.00 32.00 32.00						32.40 32.00 32.00 32.00							
TIME						TIME							
15:32:00 21:32:00 03:32:00 09:32:00						15:32:00 21:32:00 03:32:00 09:32:00							
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	13.4	13.7	13.3	13.0	0.7	DD (40)	319.2625	15.2	16.0	15.9	15.2	0.8
3	61.2500	13.9	15.0	14.7	14.6	1.1	EE (41)	325.2625	14.9	15.1	15.2	15.1	0.3
4	67.2500	14.4	15.0	14.9	14.6	0.6	FF (42)	331.2750	14.7	15.2	14.9	14.6	0.6
5	77.2500	12.7	14.9	14.5	14.3	2.2	GG (43)	337.2625	13.8	14.1	14.3	13.9	0.5
6	83.2500	12.9	14.7	14.4	14.3	1.8	HH (44)	343.2625	13.9	14.2	14.6	14.0	0.7
A-5 (95)	91.2500						II (45)	349.2625	14.1	14.8	14.5	14.4	0.7
A-4 (96)	97.2500	14.4	15.6	15.5	15.3	1.2	JJ (46)	355.2625	15.5	15.6	15.7	15.1	0.6
A-3 (97)	103.2500	12.7	14.3	14.1	14.4	1.7	KK (47)	361.2625					
A-2 (98)	109.2750	14.6	15.4	14.5	14.9	0.9	LL (48)	367.2625	16.0	16.6	16.5	16.6	0.6
A-1 (99)	115.2750	13.5	13.8	13.8	13.6	0.3	MM (49)	373.2625	14.9	15.7	15.8	16.6	1.7
A (14)	121.2625	12.1	13.7	14.4	14.1	2.3	NN (50)	379.2625	15.2	17.0	17.1	16.8	1.9
B (15)	127.2625	13.2	13.9	13.4	13.4	0.7	OO (51)	385.2625	16.6	17.9	17.7	16.8	1.3
C (16)	133.2625	13.1	14.0	13.9	13.5	0.9	PP (52)	391.2625	16.0	16.8	16.7	16.4	0.8
D (17)	139.2500	13.0	14.2	13.7	13.6	1.2	QQ (53)	397.2625	16.0	16.5	16.7	16.5	0.7
E (18)	145.2500	14.1	15.0	14.8	14.5	0.9	RR (54)	403.2500	15.4	15.7	15.7	15.5	0.3
F (19)	151.3210	12.8	13.7	13.4	13.3	0.9	SS (55)	409.2500	14.7	15.7	15.5	15.4	1
G (20)	157.2500	13.2	14.5	13.8	13.8	1.3	TT (56)	415.2500	15.2	15.6	15.4	15.6	0.4
H (21)	163.2500	14.4	15.6	15.1	14.9	1.2	UU (57)	421.2500	14.4	14.6	14.6	14.3	0.3
I (22)	169.2500	14.1	15.0	14.7	14.6	0.9	VV (58)	427.2500	13.9	14.6	14.8	14.7	0.9
7	175.2500	15.0	15.6	15.3	15.3	0.6	WW (59)	433.2500	14.3	14.8	15.0	14.5	0.7
8	181.2500	14.6	15.4	15.1	14.8	0.8	XX (60)	439.2500	13.4	14.3	14.2	13.9	0.9
9	187.2500	15.7	16.5	16.2	16.1	0.8	YY (61)	445.2500	14.3	14.8	14.0	14.1	0.8
10	193.2500	15.7	16.5	16.3	16.1	0.8	ZZ (62)	451.2500	15.0	15.4	15.4	15.5	0.5
11	199.2500	16.1	16.8	16.6	16.4	0.7	63	457.2500	15.4	15.8	15.7	15.4	0.4
12	205.2500	14.3	14.7	14.4	14.1	0.6	64	463.2500	16.0	16.4	16.9	16.1	0.9
13	211.2500	14.0	14.6	14.5	14.4	0.6	65	469.2500	15.6	16.0	16.0	16.0	0.4
J (23)	217.2500	13.6	14.4	14.2	14.1	0.8	66	475.2500	15.8	16.4	16.6	16.4	0.8
K (24)	223.2500	13.7	14.2	14.2	13.8	0.5	67	481.2500	15.4	16.1	16.2	15.8	0.8
L (25)	229.2625	14.6	14.8	15.0	14.6	0.4	68	487.2500	15.3	15.7	15.5	15.6	0.4
M (26)	235.2625	13.8	14.4	14.6	14.1	0.8	69	493.2500	15.3	15.9	16.0	15.8	0.7
N (27)	241.2625	14.2	14.9	14.7	14.6	0.7	70	499.2500	14.5	14.7	15.8	14.5	1.3
O (28)	247.2625	14.7	15.6	15.2	15.0	0.9	71	505.2500	14.9	15.6	15.7	15.4	0.8
P (29)	253.2625	15.1	15.7	15.9	15.5	0.8	72	511.2500	14.1	15.0	15.0	14.4	0.9
Q (30)	259.2625	15.2	16.1	15.9	15.7	0.9	73	517.2500	15.2	15.5	15.8	15.6	0.6
R (31)	265.2625	14.9	15.6	15.6	15.2	0.7	74	523.2500	15.0	15.2	15.4	15.2	0.4
S (32)	271.2625	13.6	14.4	14.4	14.0	0.8	75	529.2500	15.0	14.9	15.4	15.0	0.5
T (33)	277.2625	14.6	15.3	15.3	15.4	0.8	76	535.2500	15.3	15.6	15.8	15.6	0.5
U (34)	283.2625	15.0	15.8	15.5	15.4	0.8	77	541.2500	14.6	15.1	15.3	15.0	0.7
V (35)	289.2625	15.2	15.9	15.8	15.5	0.7	78	547.2500	16.1	16.4	16.8	16.4	0.7
W (36)	295.2625	15.5	16.2	16.3	15.9	0.8	79	553.2500					
AA (37)	301.2625	15.7	16.0	15.9	15.8	0.3	80	559.2500					
BB (38)	307.2625	15.4	16.0	15.7	15.5	0.6	81	565.2500					
CC (39)	313.2625	15.1	15.6	14.7	14.3	1.3							

Max Non Adjacent Channel Level Diff :- 4.5
 Max Adjacent Channel Level Diff :- 2.3
 Max Variance from last proof of performance test :- N/A
 Date of last proof of performance test :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	5
Hub Name	:	Chaumont
Location	:	S.James St./Cape Vincent
Map Number	:	290-6030
Pole Number	:	22/16
D.T. Value	:	26-4 port
OR Number	:	552
GNA Cascade	:	5
LE Cascade	:	3

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : S.James St./Cape Vincent
Date : 01/05/2005 Time : 11:14:00

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	10.8	-4.0		14.8	DD (40)	319.2625	12.8	-1.5		14.3
3	61.2500	11.1	-3.2		14.3	EE (41)	325.2625	12.6	-1.3		13.9
4	67.2500	11.4	-2.8		14.2	FF (42)	331.2750	12.7	-2.2		14.9
5	77.2500	10.5	-4.6		15.1	GG (43)	337.2625	12.4	-1.3		13.7
6	83.2500	10.6	-3.8		14.4	HH (44)	343.2625	12.7	-0.5		13.2
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	12.7	-1.8		14.5
A-4 (96)	97.2500	11.9	-2.1		14	JJ (46)	355.2625	12.4	-1.8		14.2
A-3 (97)	103.2500	11.0	-3.3		14.3	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	12.3	-3.0		15.3	LL (48)	367.2625	12.6	-2.3		14.9
A-1 (99)	115.2750	10.9	-3.3		14.2	MM (49)	373.2625	11.5	-2.7		14.2
A (14)	121.2625	10.6	-3.2		13.8	NN (50)	379.2625	12.5	-1.3		13.8
B (15)	127.2625	12.2	-2.3		14.5	OO (51)	385.2625	12.8	-1.6		14.4
C (16)	133.2625	11.9	-1.7		13.6	PP (52)	391.2625	12.6	-2.0		14.6
D (17)	139.2500	12.2	-2.7		14.9	QQ (53)	397.2625	11.9	-1.4		13.3
B (18)	145.2500	12.8	-1.8		14.6	RR (54)	403.2500	11.4	-2.8		14.2
F (19)	151.3210	11.4	-3.0		14.4	SS (55)	409.2500	11.9	-3.2		15.1
G (20)	157.2500	10.5	-4.7		15.2	TT (56)	415.2500	12.4	-1.3		13.7
H (21)	163.2500	12.6	-1.0		13.6	UU (57)	421.2500	12.2	-2.0		14.2
I (22)	169.2500	12.3	-1.8		14.1	VV (58)	427.2500	12.1	-1.9		14
7	175.2500	12.1	-1.4		13.5	WW (59)	433.2500	12.5	-2.1		14.6
8	181.2500	13.2	-1.2		14.4	XX (60)	439.2500	11.7	-3.0		14.7
9	187.2500	13.5	-1.1		14.6	YY (61)	445.2500	12.3	-1.9		14.2
10	193.2500	12.8	-1.5		14.3	ZZ (62)	451.2500	13.1	-1.4		14.5
11	199.2500	12.4	-2.9		15.3	63	457.2500	13.4	-0.9		14.3
12	205.2500	10.2	-4.2		14.4	64	463.2500	14.5	-0.4		14.9
13	211.2500	10.9	-3.7		14.6	65	469.2500	14.1	0.3		13.8
J (23)	217.2500	11.1	-4.1		15.2	66	475.2500	14.0	-0.5		14.5
K (24)	223.2500	11.1	-3.2		14.3	67	481.2500	13.8	-1.0		14.8
L (25)	229.2625	12.7	-1.4		14.1	68	487.2500	13.6	-0.3		13.9
M (26)	235.2625	13.4	-1.2		14.6	69	493.2500	14.0	0.2		13.8
N (27)	241.2625	13.6	-1.7		15.3	70	499.2500	14.3	-0.5		14.8
O (28)	247.2625	12.8	-1.8		14.6	71	505.2500	14.1	-0.3		14.4
P (29)	253.2625	13.5	-0.7		14.2	72	511.2500	13.8	-0.9		14.7
Q (30)	259.2625	13.8	-0.3		14.1	73	517.2500	13.9	-0.7		14.6
R (31)	265.2625	14.6	-0.4		15	74	523.2500	14.1	-1.3		15.4
S (32)	271.2625	14.5	1.3		13.2	75	529.2500	14.2	0.0		14.2
T (33)	277.2625	14.1	-0.2		14.3	76	535.2500	13.6	-1.2		14.8
U (34)	283.2625	14.0	0.2		13.8	77	541.2500	12.9	-1.6		14.5
V (35)	289.2625	13.8	0.3		13.5	78	547.2500	14.2	-1.2		15.4
W (36)	295.2625	14.0	-0.1		14.1	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	13.2	-1.1		14.3	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	13.7	-0.8		14.5	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.3	-1.1		14.4						

Min Channel	:	12	10.2
Max Channel	:	R(31)	14.6
Peak to Valley	:	4.4	

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

Date : 01/21/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/21/2005

Performed By : Mark Favret

Location : S.James St./Cape Vincent

(SEE THE ATTACHED SWEEP TRACES)

11:50:07 JAN 21, 2005

CHANNEL 3 (STD)

MKR Δ 12.875 msec

CHNL

PEAK
LOG
1
dB/

WA SB
SC FC
CORR

HUM/LOW FREQ DISTURBANCES = 0.5%
Video Modulation: OFF

START 61.245 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.245 MHz
#SWP 50.0 msec

MORE
INFO

MAIN
MENU

12:22:30 JAN 21, 2005

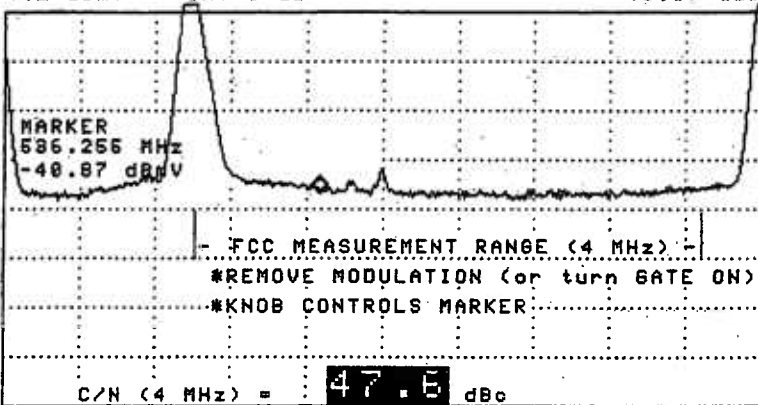
CHANNEL 75 (STD)

REF -4.2 dBmV #AT 0 dB

MKR 536.255 MHz

-40.87 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 539.750 MHz

#RES BW 30 kHz

#VBW 100 Hz

STOP 539.750 MHz

SWP 6.00 sec

CHNL

GATE
ON OFF

AVERAGE
ON OFF

MORE
INFO

More

MAIN
MENU

12:09:35 JAN 21, 2005

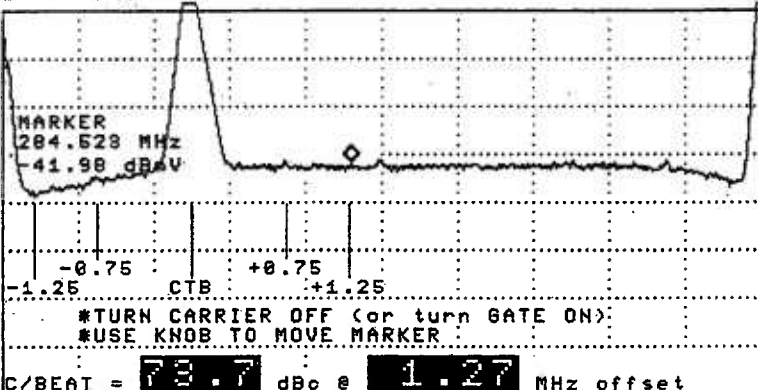
CHANNEL 75 (STD)

REF -10.2 dBmV #AT 0 dB

MKR 284.528 MHz

-41.98 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 281.763 MHz

#RES BW 30 kHz

#VBW 100 Hz

STOP 287.763 MHz

SWP 6.00 sec

CHNL

GATE
ON OFF

AVERAGE
ON OFF

ZOOM &
MEASURE

Gated
CTB

More

MAIN
MENU

12:02:16 JAN 21, 2005

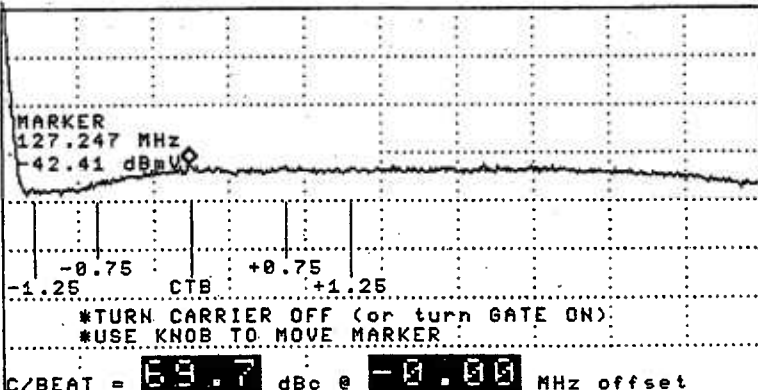
CHANNEL 75 (STD)

REF -10.2 dBmV #AT 0 dB

MKR 127.247 MHz

-42.41 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 125.762 MHz

#RES BW 30 kHz

#VBW 100 Hz

STOP 131.762 MHz

SWP 6.00 sec

CHNL

GATE
ON OFF

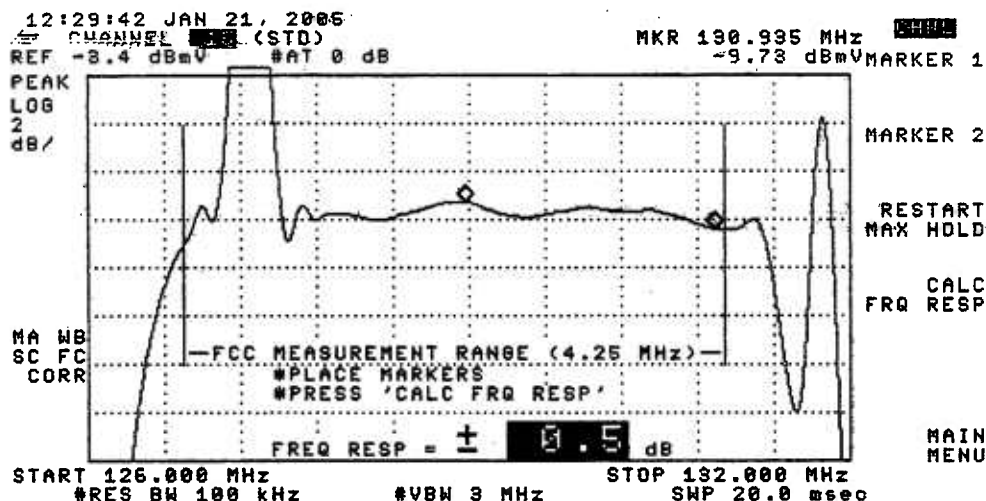
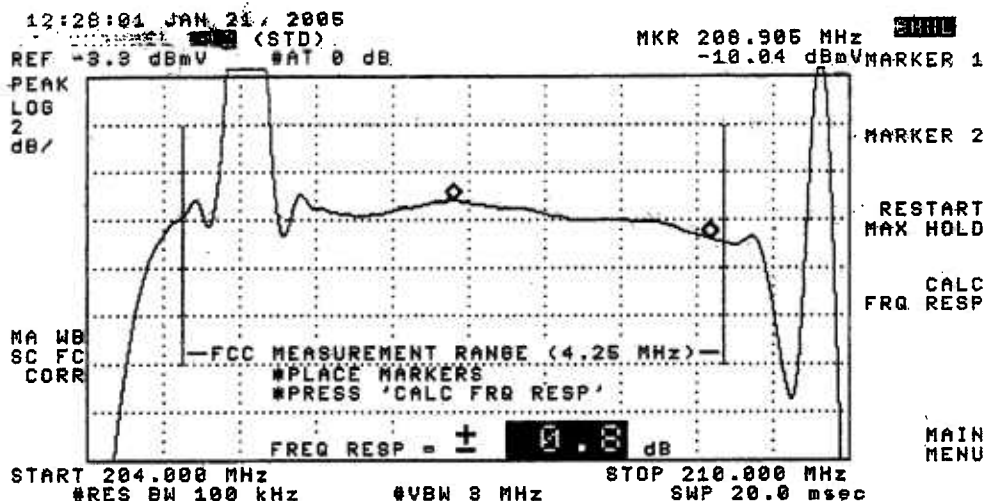
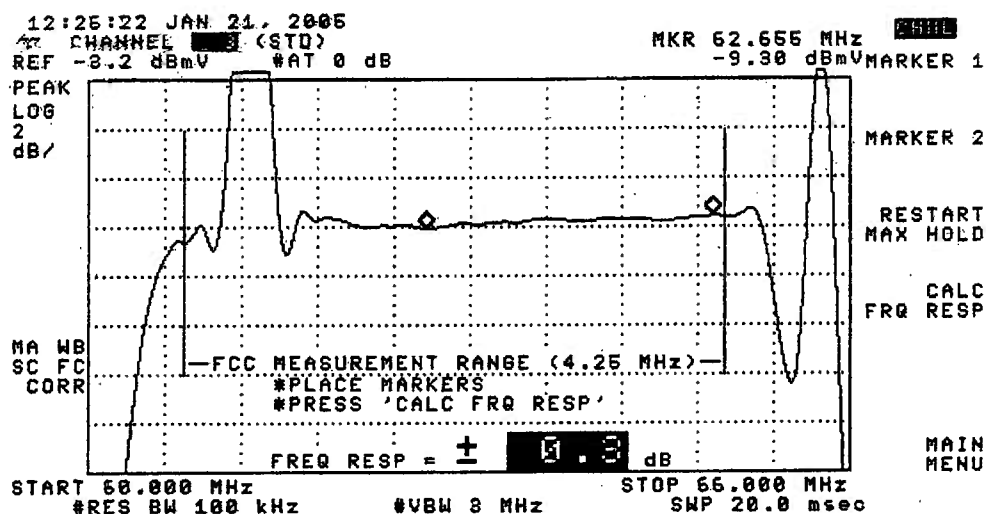
AVERAGE
ON OFF

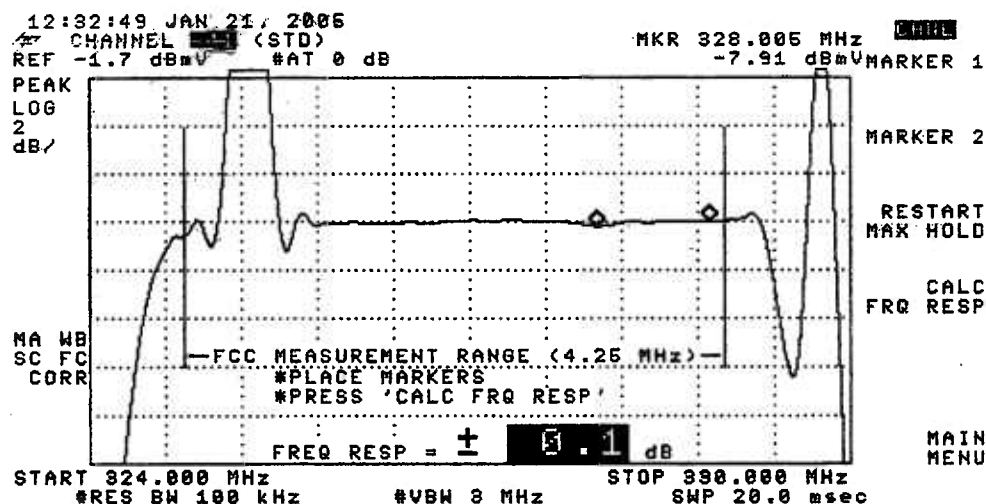
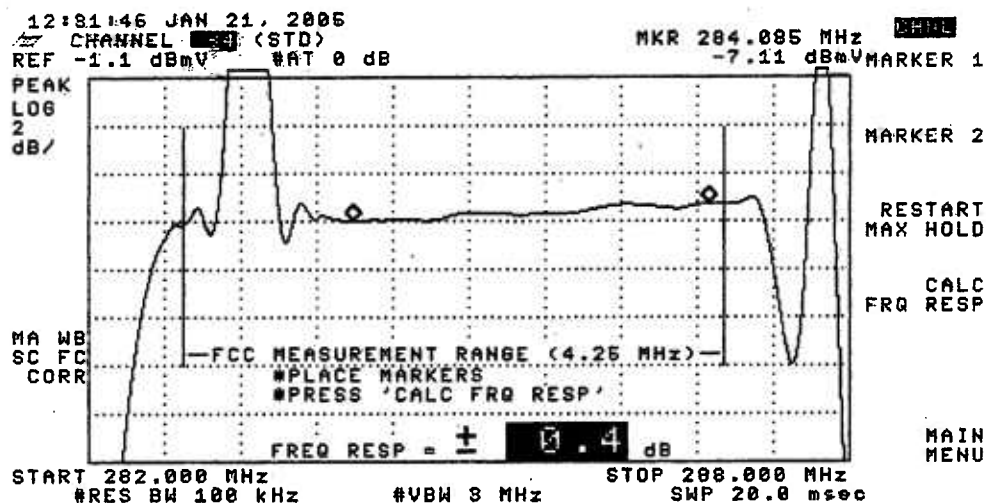
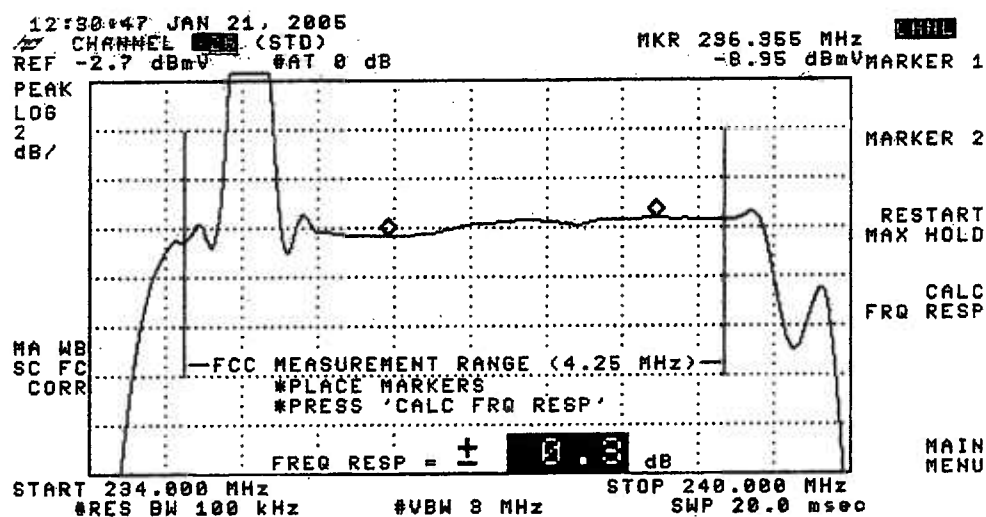
ZOOM &
MEASURE

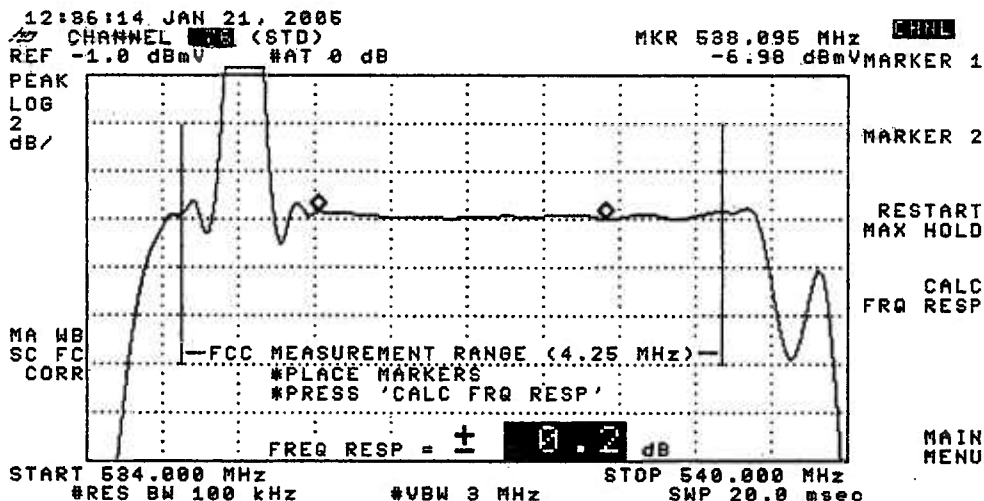
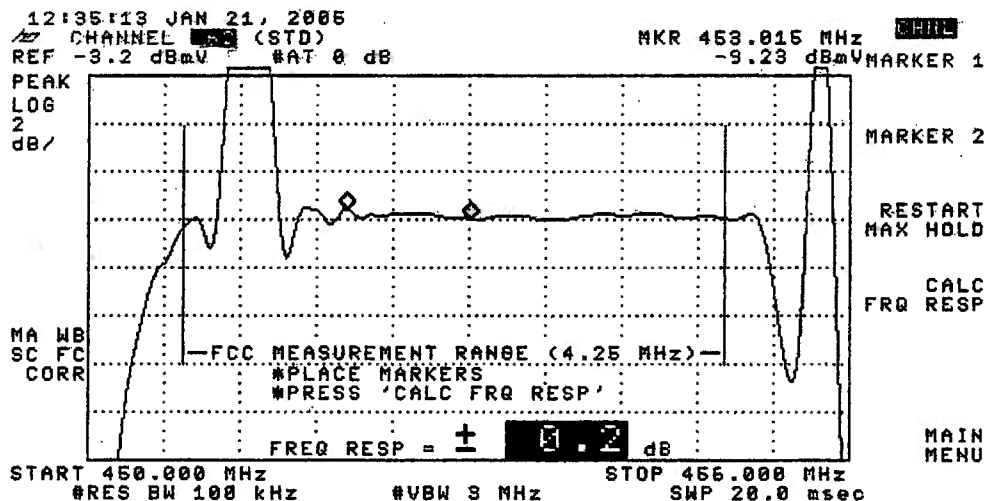
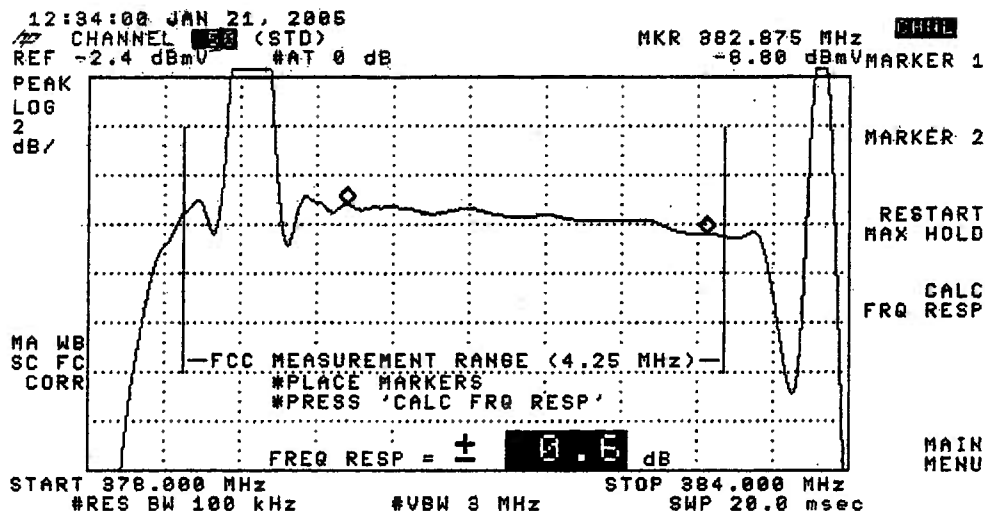
Gated
CTB

More

MAIN
MENU







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/05/2005
 Meter Serial Number : 2370393

Test Location : S.James St./Cape Vincent
 Performed By : Matt Jessman

		TEMP F						TEMP F					
		25.20	26.60	21.20	21.20			25.20	26.60	21.20	21.20		
		TIME						TIME					
		11:14:00	17:13:00	23:13:00	05:13:00			11:14:00	17:13:00	23:13:00	05:13:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	10.8	10.3	10.1	10.9	0.8	DD (40)	319.2625	12.8	13.2	13.1	13.6	0.8
3	61.2500	11.1	11.4	10.9	11.3	0.5	EE (41)	325.2625	12.6	13.0	13.0	13.4	0.8
4	67.2500	11.4	11.7	11.3	11.5	0.4	FF (42)	331.2750	12.7	13.0	12.8	13.2	0.5
5	77.2500	10.5	10.8	10.5	10.6	0.3	GG (43)	337.2625	12.4	13.0	12.7	13.3	0.9
6	83.2500	10.6	10.9	11.1	10.9	0.5	HH (44)	343.2625	12.7	13.3	12.6	13.2	0.7
A-5 (95)	91.2500						II (45)	349.2625	12.7	13.3	13.1	13.2	0.6
A-4 (96)	97.2500	11.9	12.8	12.8	12.9	1	JJ (46)	355.2625	12.4	13.3	12.9	13.3	0.9
A-3 (97)	103.2500	11.0	11.6	11.8	11.7	0.8	KK (47)	361.2625					
A-2 (98)	109.2750	12.3	12.9	12.1	12.4	0.8	LL (48)	367.2625	12.6	13.2	13.1	13.2	0.6
A-1 (99)	115.2750	10.9	12.0	11.6	12.9	2	MM (49)	373.2625	11.5	12.2	12.1	13.3	1.8
A (14)	121.2625	10.6	11.7	11.3	12.4	1.8	NN (50)	379.2625	12.5	12.7	12.6	13.0	0.5
B (15)	127.2625	12.2	12.7	12.6	12.7	0.5	OO (51)	385.2625	12.8	13.1	13.0	13.3	0.5
C (16)	133.2625	11.9	12.6	12.3	12.6	0.7	PP (52)	391.2625	12.6	13.1	13.0	12.9	0.5
D (17)	139.2500	12.2	12.7	12.7	12.8	0.6	QQ (53)	397.2625	11.9	12.5	12.3	12.6	0.7
E (18)	145.2500	12.8	13.7	13.4	13.5	0.9	RR (54)	403.2500	11.4	12.2	11.9	12.0	0.8
F (19)	151.3210	11.4	12.1	12.2	12.4	1	SS (55)	409.2500	11.9	11.8	12.1	12.0	0.3
G (20)	157.2500	10.5	12.1	12.3	12.6	2.1	TT (56)	415.2500	12.4	12.5	12.7	12.7	0.3
H (21)	163.2500	12.6	13.4	13.2	13.5	0.9	UU (57)	421.2500	12.2	12.6	12.4	12.5	0.4
I (22)	169.2500	12.3	13.5	13.0	13.4	1.2	VV (58)	427.2500	12.1	12.4	12.4	12.3	0.3
7	175.2500	12.1	12.6	12.2	12.7	0.6	WW (59)	433.2500	12.5	12.9	13.0	13.3	0.8
8	181.2500	13.2	14.3	13.6	13.7	1.1	XX (60)	439.2500	11.7	12.2	12.1	12.6	0.9
9	187.2500	13.5	14.5	14.7	15.0	1.5	YY (61)	445.2500	12.3	12.7	12.9	13.1	0.8
10	193.2500	12.8	13.7	13.4	14.2	1.4	ZZ (62)	451.2500	13.1	13.9	13.9	14.0	0.9
11	199.2500	12.4	12.9	13.0	13.2	0.8	63	457.2500	13.4	14.0	13.8	14.1	0.7
12	205.2500	10.2	11.0	10.9	11.0	0.8	64	463.2500	14.5	15.0	15.3	15.6	1.1
13	211.2500	10.9	11.4	10.4	10.7	1	65	469.2500	14.1	14.7	14.3	15.1	1
J (23)	217.2500	11.1	10.3	10.4	12.8	2.5	66	475.2500	14.0	14.6	14.6	14.8	0.8
K (24)	223.2500	11.1	10.2	10.8	12.9	2.7	67	481.2500	13.8	14.5	14.4	14.7	0.9
L (25)	229.2625	12.7	12.0	12.8	13.0	1	68	487.2500	13.6	14.1	14.3	14.6	1
M (26)	235.2625	13.4	14.3	14.4	14.9	1.5	69	493.2500	14.0	14.1	14.7	14.7	0.7
N (27)	241.2625	13.6	14.7	14.8	15.1	1.5	70	499.2500	14.3	14.5	14.7	15.2	0.9
O (28)	247.2625	12.8	13.9	14.1	14.3	1.5	71	505.2500	14.1	14.7	14.7	15.1	1
P (29)	253.2625	13.5	13.8	14.1	14.7	1.2	72	511.2500	13.8	14.5	14.6	14.8	1
Q (30)	259.2625	13.8	14.3	14.5	15.0	1.2	73	517.2500	13.9	14.7	14.6	15.0	1.1
R (31)	265.2625	14.6	15.2	15.4	15.6	1	74	523.2500	14.1	14.8	14.6	14.9	0.8
S (32)	271.2625	14.5	15.4	14.9	15.5	1	75	529.2500	14.2	14.8	14.8	15.0	0.8
T (33)	277.2625	14.1	15.2	15.1	15.4	1.3	76	535.2500	13.6	14.7	14.3	14.6	1.1
U (34)	283.2625	14.0	15.2	14.7	15.2	1.2	77	541.2500	12.9	13.4	13.2	13.8	0.9
V (35)	289.2625	13.8	15.2	14.9	15.1	1.4	78	547.2500	14.2	14.8	14.4	15.0	0.8
W (36)	295.2625	14.0	14.7	14.9	15.2	1.2	79	553.2500					
AA (37)	301.2625	13.2	14.9	14.5	14.5	1.7	80	559.2500					
BB (38)	307.2625	13.7	14.3	14.2	14.9	1.2	81	565.2500					
CC (39)	313.2625	13.3	14.4	13.9	14.0	1.1							

Max Non Adjacent Channel Level Diff

:- 5.3

Max Adjacent Channel Level Diff

:- 2.3

Max Variance from last proof of performance test

:- N/A

Date of last proof of performance test

:- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	6
Hub Name	:	Henderson
Location	:	Ramsey Shores/Henderson
Map Number	:	338-5944
Pole Number	:	6/7
D.T. Value	:	23-8 port
OR Number	:	1218
GNA Cascade	:	4
LE Cascade	:	3

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Ramsey Shores/Henderson
 Date : 01/07/2005 Time : 14:11:00

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	11.9	-1.9		13.8	DD (40)	319.2625	12.4	-1.6		14
3	61.2500	13.3	-0.6		13.9	EE (41)	325.2625	12.3	-1.5		13.8
4	67.2500	13.7	-0.6		14.3	FF (42)	331.2750	12.8	-1.9		14.7
5	77.2500	12.0	-2.8		14.8	GG (43)	337.2625	12.5	-1.1		13.6
6	83.2500	12.7	-1.8		14.5	HH (44)	343.2625	12.9	-0.7		13.6
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	13.3	-1.1		14.4
A-4 (96)	97.2500	14.8	0.9		13.9	JJ (46)	355.2625	13.1	-1.1		14.2
A-3 (97)	103.2500	13.4	-1.4		14.8	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	14.8	-0.4		15.2	LL (48)	367.2625	13.6	-1.1		14.7
A-1 (99)	115.2750	13.8	-0.6		14.4	MM (49)	373.2625	12.4	-1.6		14
A (14)	121.2625	13.2	-1.2		14.4	NN (50)	379.2625	14.1	-0.4		14.5
B (15)	127.2625	14.0	-0.4		14.4	OO (51)	385.2625	14.2	-0.4		14.6
C (16)	133.2625	13.8	0.3		13.5	PP (52)	391.2625	13.9	-0.8		14.7
D (17)	139.2500	13.9	-0.5		14.4	QQ (53)	397.2625	14.1	-0.6		14.7
E (18)	145.2500	13.8	0.2		13.6	RR (54)	403.2500	13.2	-1.0		14.2
F (19)	151.3210	13.9	-0.4		14.3	SS (55)	409.2500	13.1	-1.4		14.5
G (20)	157.2500	12.0	-2.7		14.7	TT (56)	415.2500	14.4	-0.3		14.7
H (21)	163.2500	13.7	-1.0		14.7	UU (57)	421.2500	13.0	-0.8		13.8
I (22)	169.2500	14.7	0.7		14	VV (58)	427.2500	12.9	-0.7		13.6
7	175.2500	14.5	-0.1		14.6	WW (59)	433.2500	13.2	-1.1		14.3
8	181.2500	14.3	-0.7		15	XX (60)	439.2500	13.0	-1.9		14.9
9	187.2500	15.1	0.6		14.5	YY (61)	445.2500	13.2	-0.9		14.1
10	193.2500	14.7	0.1		14.6	ZZ (62)	451.2500	14.1	-0.4		14.5
11	199.2500	14.5	-0.3		14.8	63	457.2500	14.4	-0.4		14.8
12	205.2500	13.1	-1.6		14.7	64	463.2500	15.3	0.4		14.9
13	211.2500	13.2	-0.6		13.8	65	469.2500	14.9	0.8		14.1
J (23)	217.2500	11.3	-3.1		14.4	66	475.2500	14.6	0.3		14.3
K (24)	223.2500	11.6	-1.5		13.1	67	481.2500	14.4	0.9		13.5
L (25)	229.2625	11.9	-3.0		14.9	68	487.2500	14.6	-0.2		14.8
M (26)	235.2625	11.6	-2.7		14.3	69	493.2500	14.4	0.4		14
N (27)	241.2625	12.1	-2.8		14.9	70	499.2500	12.6	-1.3		13.9
O (28)	247.2625	14.0	-0.9		14.9	71	505.2500	14.7	0.5		14.2
P (29)	253.2625	13.5	-1.0		14.5	72	511.2500	14.4	0.0		14.4
Q (30)	259.2625	13.4	-1.6		15	73	517.2500	15.7	0.8		14.9
R (31)	265.2625	13.1	-2.1		15.2	74	523.2500	15.6	1.0		14.6
S (32)	271.2625	12.2	-1.4		13.6	75	529.2500	15.3	1.7		13.6
T (33)	277.2625	12.6	-2.0		14.6	76	535.2500	16.0	1.2		14.8
U (34)	283.2625	12.2	-2.3		14.5	77	541.2500	15.4	1.2		14.2
V (35)	289.2625	11.6	-1.6		13.2	78	547.2500	16.8	1.5		15.3
W (36)	295.2625	12.1	-1.7		13.8	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	12.3	-1.8		14.1	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	12.4	-2.0		14.4	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	12.4	-1.7		14.1						

Min Channel	:	J(23)	11.3
Max Channel	:	78	16.8
Peak to Valley	:	5.5	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/18/2005

Performed By : Mark Favret

Location : Ramsey Shores/Henderson

(SEE THE ATTACHED SWEEP TRACES)

18:37:08 JAN 18, 2005

CHANNEL 3 (STD)

MKR Δ 45.750 msec

EDIT

REF 16.1 dBmV

AT 10 dB

-0.05 dB

PEAK

LOG

1

dB/

WA SB

SC FC

CORR

HUM/LOW FREQ DISTURBANCES = 0.8%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

START 61.235 MHz

#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.235 MHz

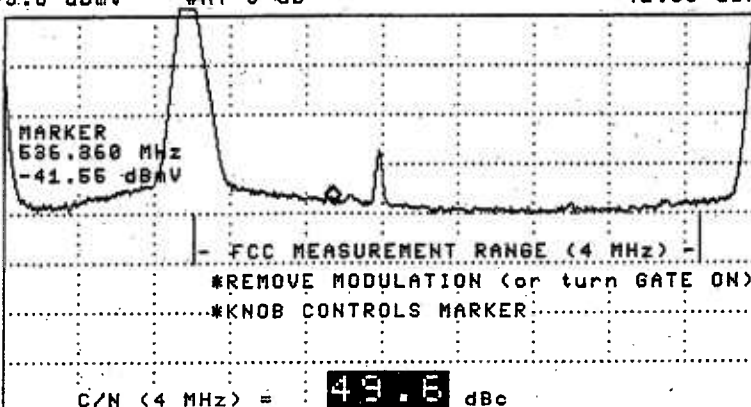
#SWP 50.0 msec

14:00:43 JAN 18, 2005

CHANNEL 76 (STD)
REF -3.6 dBmV #AT 0 dB

MKR 536.860 MHz
-41.55 dBmV

SMPL
LOG
10
dB/



START 538.750 MHz STOP 539.750 MHz
#RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

VA WB
SC FC
CORR

CHNL
GATE
ON OFF

AVERAGE
ON OFF

MORE
INFO

More

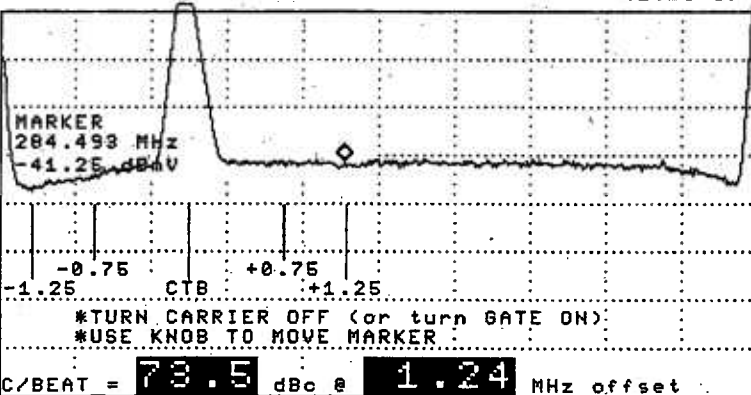
MAIN
MENU

13:59:20 JAN 18, 2005

CHANNEL 34 (STD)
REF -9.9 dBmV #AT 0 dB

MKR 284.493 MHz
-41.25 dBmV

SMPL
LOG
10
dB/



START 281.769 MHz STOP 287.769 MHz
#RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

VA WB
SC FC
CORR

CHNL
GATE
ON OFF

AVERAGE
ON OFF

ZOOM &
MEASURE

Gated
CTB

More

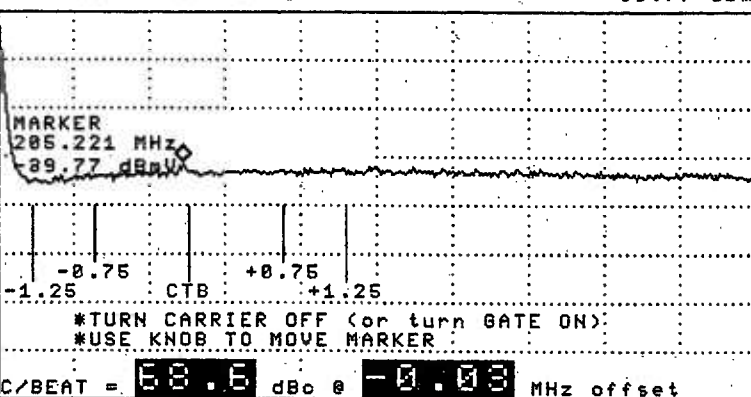
MAIN
MENU

13:47:00 JAN 18, 2005

CHANNEL 12 (STD)
REF -8.7 dBmV #AT 0 dB

MKR 285.221 MHz
-39.77 dBmV

SMPL
LOG
10
dB/



START 289.751 MHz STOP 289.751 MHz
#RES BW 30 kHz #VBW 100 Hz SWP 6.00 sec

VA WB
SC FC
CORR

CHNL
GATE
ON OFF

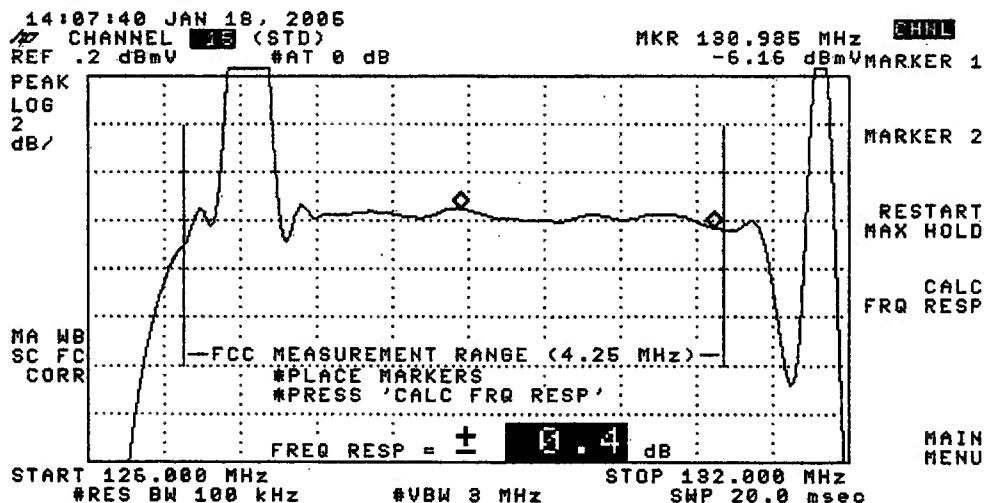
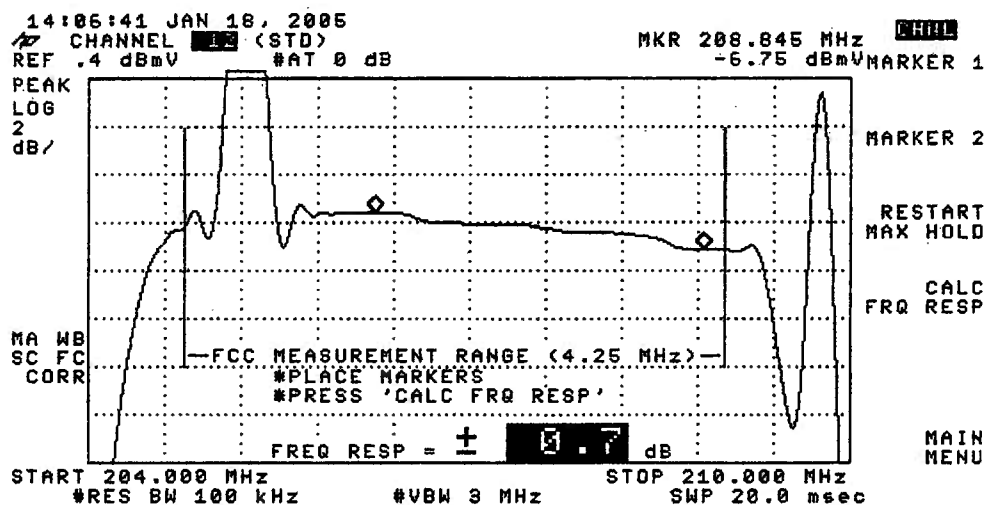
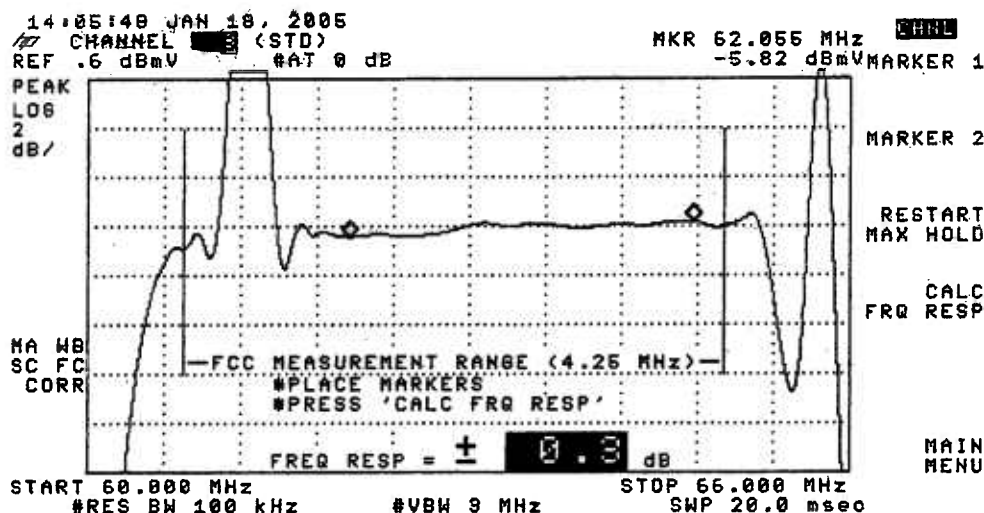
AVERAGE
ON OFF

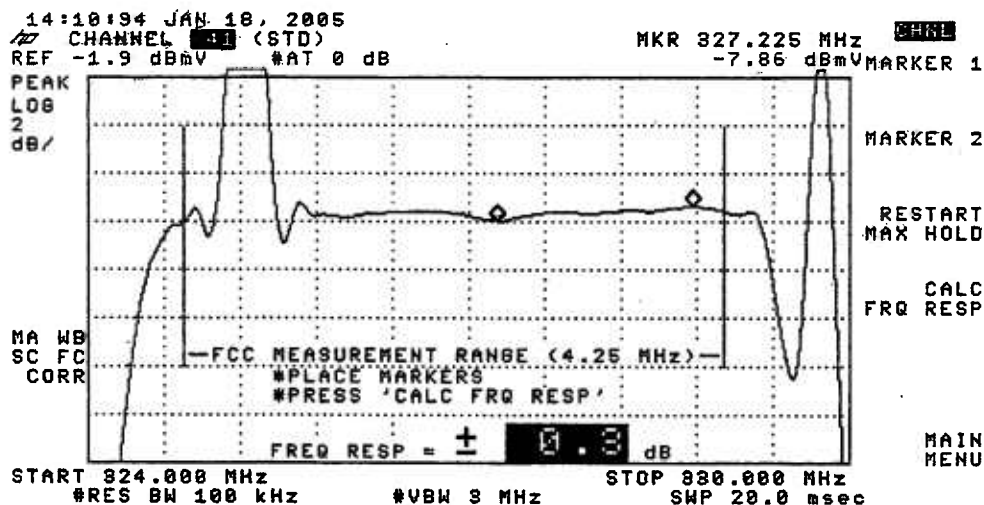
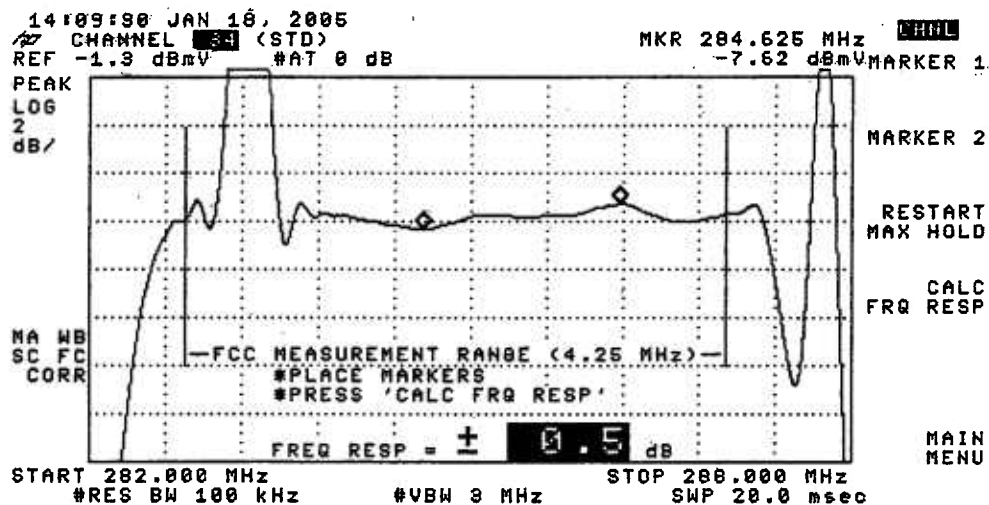
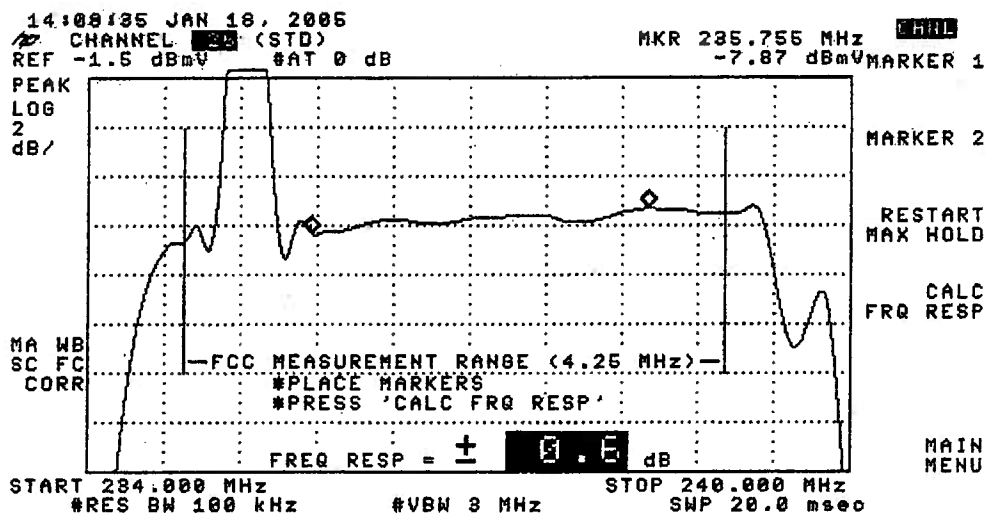
ZOOM &
MEASURE

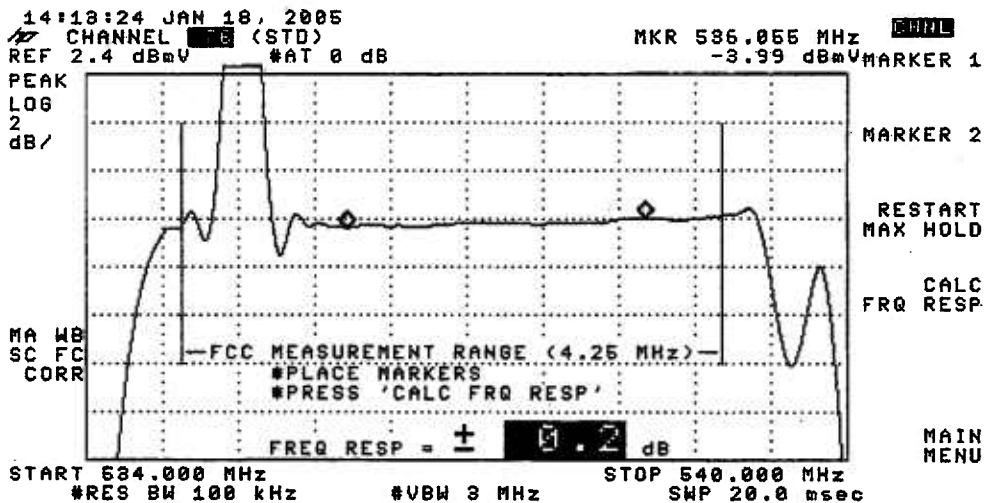
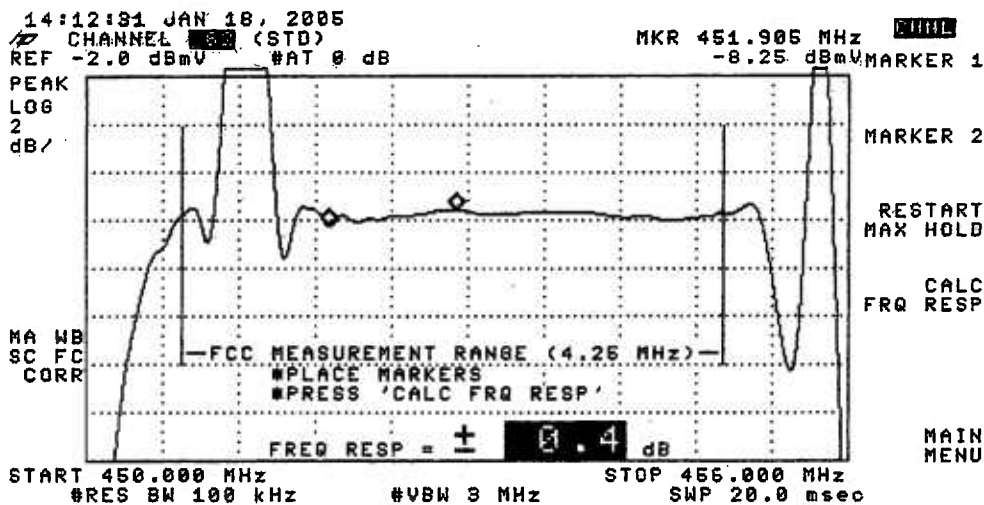
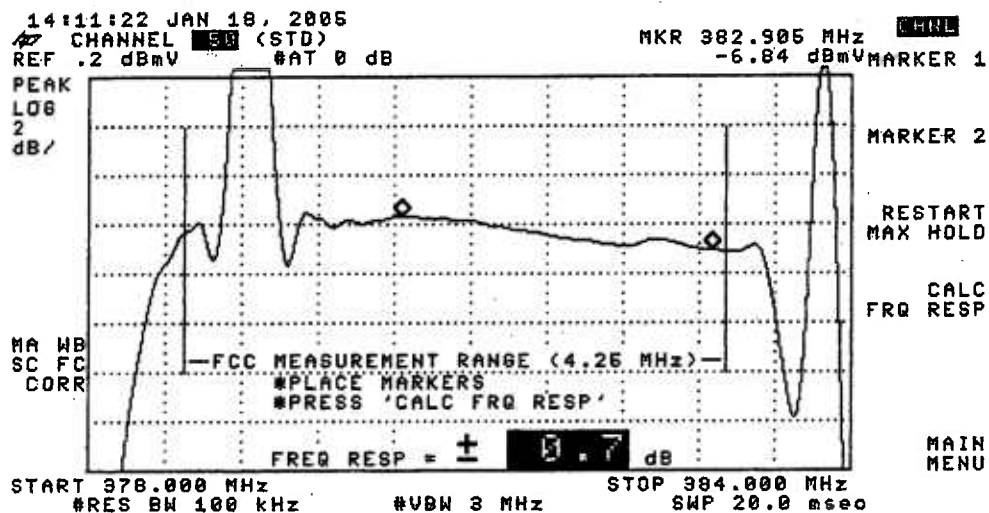
Gated
CTB

More

MAIN
MENU







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown Test Location : Ramsey Shores/Henderson
 Date : 01/07/2005 Performed By : Matt Jessman
 Meter Serial Number : 4040001

		TEMP F						TEMP F					
		32.40	33.80	32.00	32.00			32.40	33.80	32.00	32.00		
		TIME						TIME					
		14:11:00	20:11:00	02:11:00	08:11:00			14:11:00	20:11:00	02:11:00	08:11:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	11.9	11.6	13.4	13.7	2.1	DD (40)	319.2625	12.4	12.7	12.6	12.3	0.4
3	61.2500	13.3	13.4	13.7	13.3	0.4	EB (41)	325.2625	12.3	12.2	12.4	12.5	0.3
4	67.2500	13.7	13.9	14.0	13.9	0.3	FF (42)	331.2750	12.8	12.9	13.2	13.1	0.4
5	77.2500	12.0	12.6	13.6	12.4	1.6	GG (43)	337.2625	12.5	12.7	12.8	12.7	0.3
6	83.2500	12.7	11.9	13.9	12.2	2	HH (44)	343.2625	12.9	12.9	13.0	13.2	0.3
A-5 (95)	91.2500						II (45)	349.2625	13.3	13.1	12.7	13.3	0.6
A-4 (96)	97.2500	14.8	14.9	15.0	15.1	0.3	JJ (46)	355.2625	13.1	12.8	12.9	12.9	0.3
A-3 (97)	103.2500	13.4	12.2	12.9	13.0	1.2	KK (47)	361.2625					
A-2 (98)	109.2750	14.8	13.3	15.2	14.9	1.9	LL (48)	367.2625	13.6	13.5	13.7	13.8	0.3
A-1 (99)	115.2750	13.8	13.6	13.9	13.7	0.3	MM (49)	373.2625	12.4	13.1	13.0	14.1	1.7
A (14)	121.2625	13.2	12.2	13.4	13.2	1.2	NN (50)	379.2625	14.1	14.6	14.6	14.7	0.6
B (15)	127.2625	14.0	14.2	14.4	14.2	0.4	OO (51)	385.2625	14.2	15.3	15.6	14.2	1.4
C (16)	133.2625	13.8	13.8	13.9	14.1	0.3	PP (52)	391.2625	13.9	13.9	14.2	13.9	0.3
D (17)	139.2500	13.9	14.0	14.3	14.3	0.4	QQ (53)	397.2625	14.1	14.1	14.0	14.2	0.2
E (18)	145.2500	13.8	14.3	14.4	14.0	0.6	RR (54)	403.2500	13.2	13.0	13.2	13.5	0.5
F (19)	151.3210	13.9	14.2	14.5	14.3	0.6	SS (55)	409.2500	13.1	12.9	13.1	13.2	0.3
G (20)	157.2500	12.0	12.3	12.7	14.4	2.4	TT (56)	415.2500	14.4	13.6	13.9	14.1	0.8
H (21)	163.2500	13.7	13.9	14.2	14.2	0.5	UU (57)	421.2500	13.0	12.6	12.6	13.0	0.4
I (22)	169.2500	14.7	15.4	15.7	14.5	1.2	VV (58)	427.2500	12.9	12.3	12.8	12.9	0.6
7	173.2500	14.5	14.9	14.3	13.4	1.5	WW (59)	433.2500	13.2	13.0	12.9	13.2	0.3
8	181.2500	14.3	14.8	14.9	14.7	0.6	XX (60)	439.2500	13.0	13.0	13.1	13.1	0.1
9	187.2500	15.1	15.4	14.8	15.5	0.7	YY (61)	445.2500	13.2	12.3	12.6	13.2	0.9
10	193.2500	14.7	14.7	15.0	14.8	0.3	ZZ (62)	451.2500	14.1	14.0	13.7	13.8	0.4
11	199.2500	14.5	14.5	14.7	14.7	0.2	63	457.2500	14.4	14.1	14.1	14.4	0.3
12	205.2500	13.1	13.2	13.4	13.1	0.3	64	463.2500	15.3	14.9	15.1	15.4	0.5
13	211.2500	13.2	12.5	13.7	13.7	1.2	65	469.2500	14.9	14.6	14.6	14.9	0.3
J (23)	217.2500	11.3	11.5	12.8	12.7	1.5	66	475.2500	14.6	14.6	14.9	14.8	0.3
K (24)	223.2500	11.6	11.8	12.3	12.0	0.7	67	481.2500	14.4	14.4	14.5	14.7	0.3
L (25)	229.2625	11.9	12.2	12.3	12.2	0.4	68	487.2500	14.6	14.4	14.4	14.7	0.3
M (26)	235.2625	11.6	12.1	12.3	12.1	0.7	69	493.2500	14.4	14.3	14.3	14.5	0.2
N (27)	241.2625	12.1	12.0	11.9	13.7	1.8	70	499.2500	12.6	13.6	13.5	13.5	1
O (28)	247.2625	14.0	11.8	12.7	13.9	2.2	71	505.2500	14.7	14.7	14.6	15.0	0.4
P (29)	253.2625	13.5	13.9	14.1	13.7	0.6	72	511.2500	14.4	14.5	14.5	14.5	0.1
Q (30)	259.2625	13.4	13.5	13.7	13.3	0.4	73	517.2500	15.7	15.5	15.6	15.7	0.2
R (31)	265.2625	13.1	13.4	13.7	13.4	0.6	74	523.2500	15.6	15.4	15.4	15.6	0.2
S (32)	271.2625	12.2	12.0	12.4	13.4	1.4	75	529.2500	15.3	15.2	15.3	15.5	0.3
T (33)	277.2625	12.6	12.6	13.1	13.0	0.5	76	535.2500	16.0	15.9	16.1	16.1	0.2
U (34)	283.2625	12.2	11.7	12.2	12.3	0.6	77	541.2500	15.4	15.6	15.6	15.6	0.2
V (35)	289.2625	11.6	11.2	12.8	12.6	1.6	78	547.2500	16.8	16.4	16.2	16.5	0.6
W (36)	295.2625	12.1	12.0	12.2	12.4	0.4	79	553.2500					
AA (37)	301.2625	12.3	12.2	12.3	12.3	0.1	80	559.2500					
BB (38)	307.2625	12.4	12.6	12.5	12.5	0.2	81	565.2500					
CC (39)	313.2625	12.4	11.6	12.7	12.6	1.1							

Max Non Adjacent Channel Level Diff

:- 5.5

Max Adjacent Channel Level Diff

:- 2.7

Max Variance from last proof of performance test

:- N/A

Date of last proof of performance test

:- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	7
Hub Name	:	Clayton
Location	:	Riverside Dr./Clayton
Map Number	:	356-6072
Pole Number	:	9/5
D.T. Value	:	23-4 port
OR Number	:	482
GNA Cascade	:	3
LE Cascade	:	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 : Watertown
Date : 01/06/2005

Test Location : Riverside Dr./Clayton
Time : 11:05:00

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	13.8	-1.1		14.9	DD (40)	319.2625	17.1	3.0		14.1
3	61.2500	13.4	-0.4		13.8	EB (41)	325.2625	16.9	3.7		13.2
4	67.2500	13.9	-0.8		14.7	FF (42)	331.2750	17.9	3.0		14.9
5	77.2500	12.6	-2.4		15	GO (43)	337.2625	18.0	4.2		13.8
6	83.2500	13.6	-1.7		15.3	HH (44)	343.2625	18.5	5.4		13.1
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	19.0	4.3		14.7
A-4 (96)	97.2500	14.1	0.1		14	JJ (46)	355.2625	19.4	4.7		14.7
A-3 (97)	103.2500	12.8	-1.4		14.2	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	13.8	-0.9		14.7	LL (48)	367.2625	19.2	4.4		14.8
A-1 (99)	115.2750	13.6	-1.0		14.6	MM (49)	373.2625	17.6	3.6		14
A (14)	121.2625	13.3	-1.0		14.3	NN (50)	379.2625	18.1	4.4		13.7
B (15)	127.2625	14.2	-0.2		14.4	OO (51)	385.2625	18.8	4.9		13.9
C (16)	133.2625	13.9	0.7		13.2	PP (52)	391.2625	18.9	4.6		14.3
D (17)	139.2500	14.6	0.6		14	QQ (53)	397.2625	18.7	5.2		13.5
E (18)	145.2500	15.8	0.5		15.3	RR (54)	403.2500	18.3	3.9		14.4
F (19)	151.3210	14.8	0.6		14.2	SS (55)	409.2500	17.9	2.7		15.2
G (20)	157.2500	14.7	0.0		14.7	TT (56)	415.2500	17.0	2.2		14.8
H (21)	163.2500	15.2	0.3		14.9	UU (57)	421.2500	17.8	3.2		14.6
I (22)	169.2500	15.1	1.4		13.7	VV (58)	427.2500	17.2	2.8		14.4
7	175.2500	15.3	0.8		14.5	WW (59)	433.2500	17.1	2.4		14.7
8	181.2500	15.3	1.2		14.1	XX (60)	439.2500	15.8	1.2		14.6
9	187.2500	16.6	1.5		15.1	YY (61)	445.2500	16.1	2.1		14
10	193.2500	16.2	1.4		14.8	ZZ (62)	451.2500	16.6	2.1		14.5
11	199.2500	15.6	1.7		13.9	63	457.2500	17.0	2.3		14.7
12	205.2500	15.4	0.9		14.5	64	463.2500	17.8	2.7		15.1
13	211.2500	15.4	1.1		14.3	65	469.2500	17.4	3.3		14.1
J (23)	217.2500	15.5	1.6		13.9	66	475.2500	17.5	3.4		14.1
K (24)	223.2500	15.5	1.4		14.1	67	481.2500	17.4	4.3		13.1
L (25)	229.2625	14.9	0.1		14.8	68	487.2500	17.9	3.8		14.1
M (26)	235.2625	14.3	-0.2		14.5	69	493.2500	17.9	4.5		13.4
N (27)	241.2625	14.3	0.0		14.3	70	499.2500	18.7	4.0		14.7
O (28)	247.2625	14.2	-0.1		14.3	71	505.2500	18.5	3.7		14.8
P (29)	253.2625	14.5	0.4		14.1	72	511.2500	18.1	3.3		14.8
Q (30)	259.2625	14.6	0.5		14.1	73	517.2500	18.3	4.0		14.3
R (31)	265.2625	15.3	0.3		15	74	523.2500	18.0	3.5		14.5
S (32)	271.2625	15.1	2.0		13.1	75	529.2500	17.8	4.2		13.6
T (33)	277.2625	15.3	0.4		14.9	76	535.2500	18.0	3.4		14.6
U (34)	283.2625	14.9	0.9		14	77	541.2500	17.4	2.4		15
V (35)	289.2625	14.8	0.7		14.1	78	547.2500	18.2	3.7		14.5
W (36)	295.2625	14.8	1.6		13.2	79	553.2500	N/A	N/A		N/A
AA (37)	301.2615	16.0	2.2		13.8	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	16.7	2.7		14	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	16.7	2.7		14						

Min Channel	: 5	12.6
Max Channel	: JJ(46)	18.4
Peak to Valley	: 6.8	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : Riverside Dr./Clayton

Date : 01/21/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/21/2005

Performed By : Mark Favret

Location : Riverside Dr./Clayton

(SEE THE ATTACHED SWEEP TRACES)

15:21:33 JAN 21, 2005

CHANNEL (STD)

REF 16.9 dBmV AT 10 dB

MKR Δ 2.0000 msec

CHNL

-0.02 dB

PEAK

LOG

1

dB/

WA SB

SC FC

CORR

HUM/LOW FREQ DISTURBANCES = 0.4%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

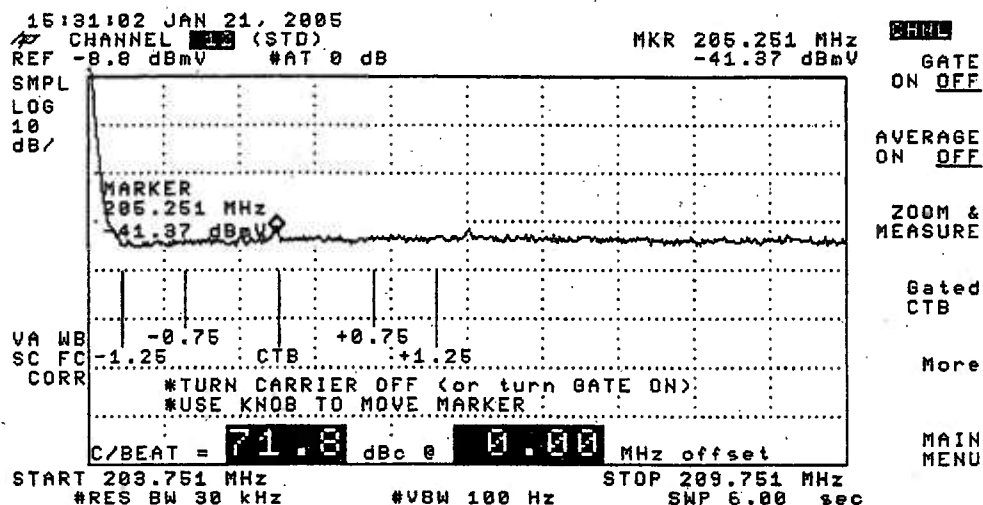
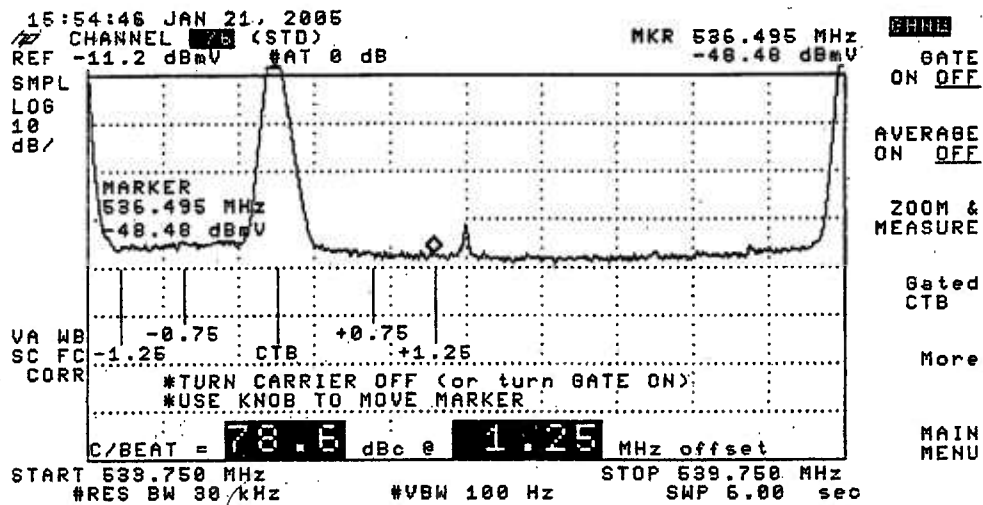
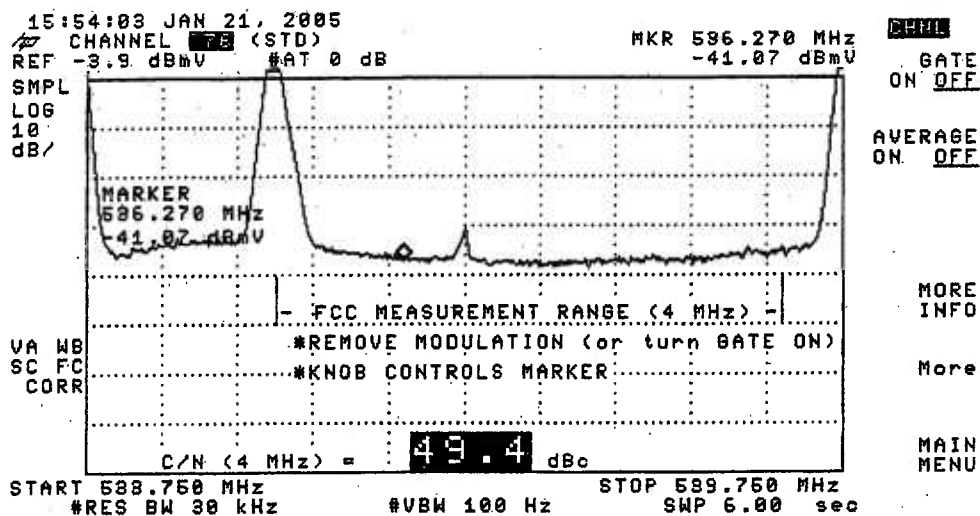
START 61.235 MHz

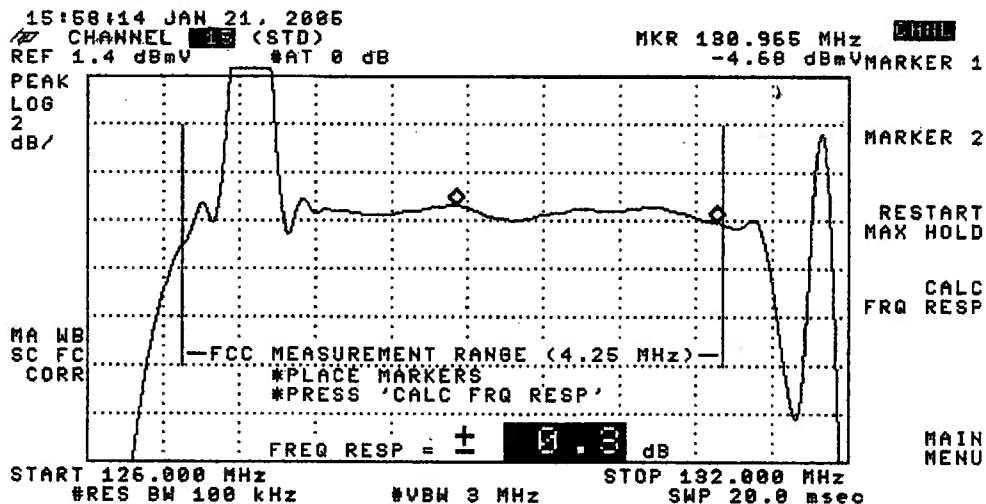
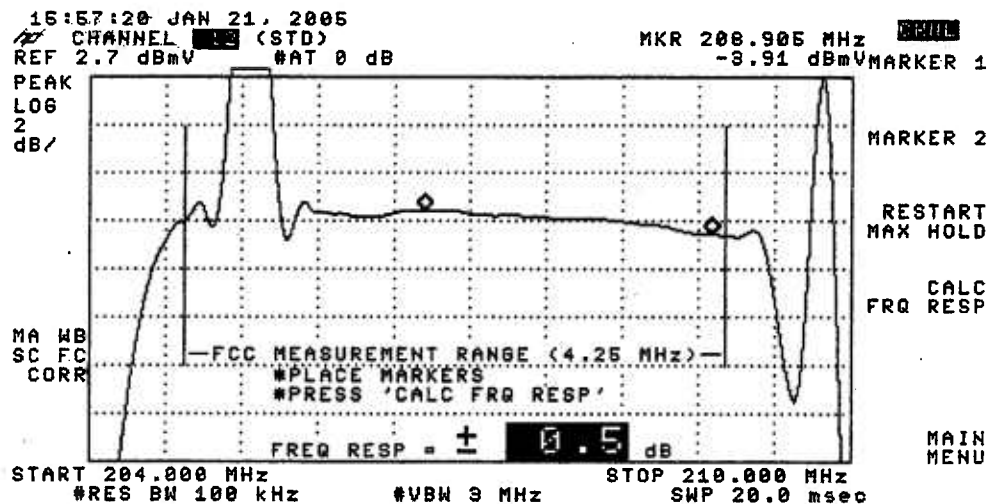
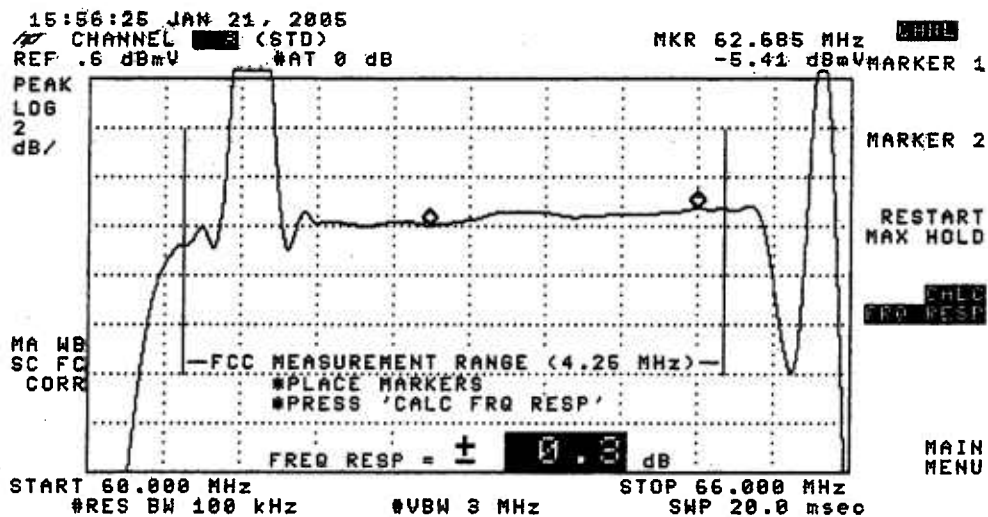
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.235 MHz

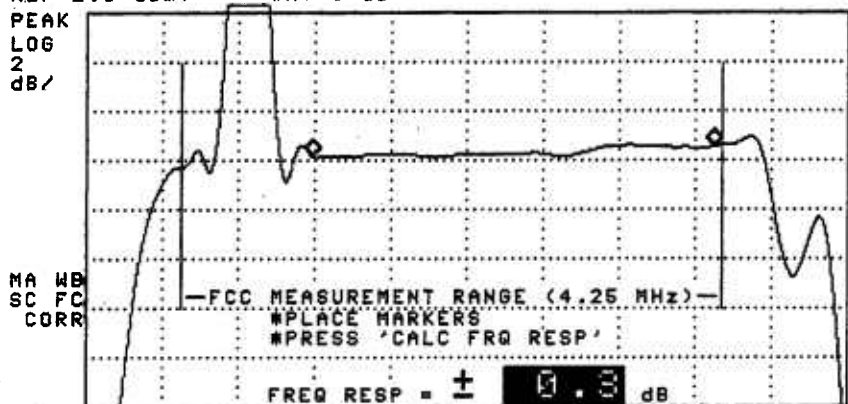
#SWP 50.0 msec





15:59:02 JAN 21, 2005
CHANNEL 35 (STD)
REF 2.5 dBmV #AT 0 dB
PEAK
LOG
2
dB/

MKR 235.785 MHz
-3.95 dBmV MARKER 1



MARKER 2

RESTART
MAX HOLD

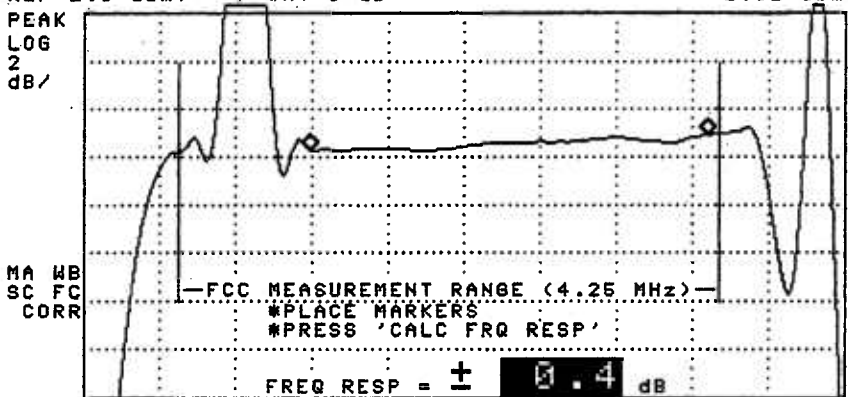
CALC
FRQ RESP

MAIN
MENU

START 234.000 MHz STOP 240.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

15:59:54 JAN 21, 2005
CHANNEL 35 (STD)
REF 2.9 dBmV #AT 0 dB
PEAK
LOG
2
dB/

MKR 235.785 MHz
-2.91 dBmV MARKER 1



MARKER 2

RESTART
MAX HOLD

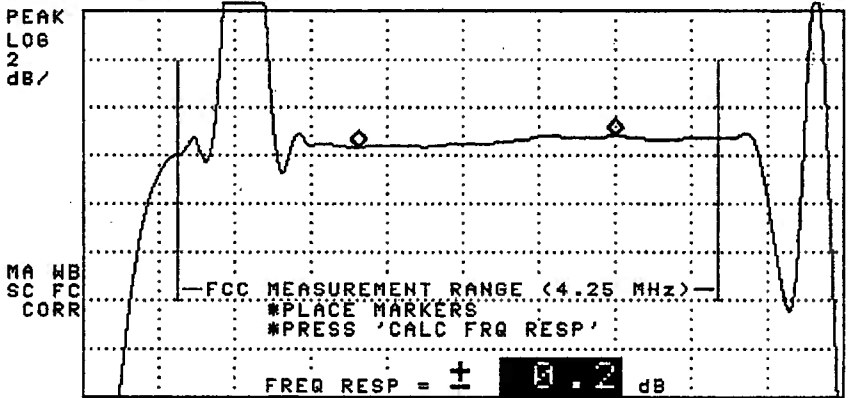
CALC
FRQ RESP

MAIN
MENU

START 232.000 MHz STOP 238.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

16:00:49 JAN 21, 2005
CHANNEL 35 (STD)
REF 2.1 dBmV #AT 0 dB
PEAK
LOG
2
dB/

MKR 326.175 MHz
-3.62 dBmV MARKER 1



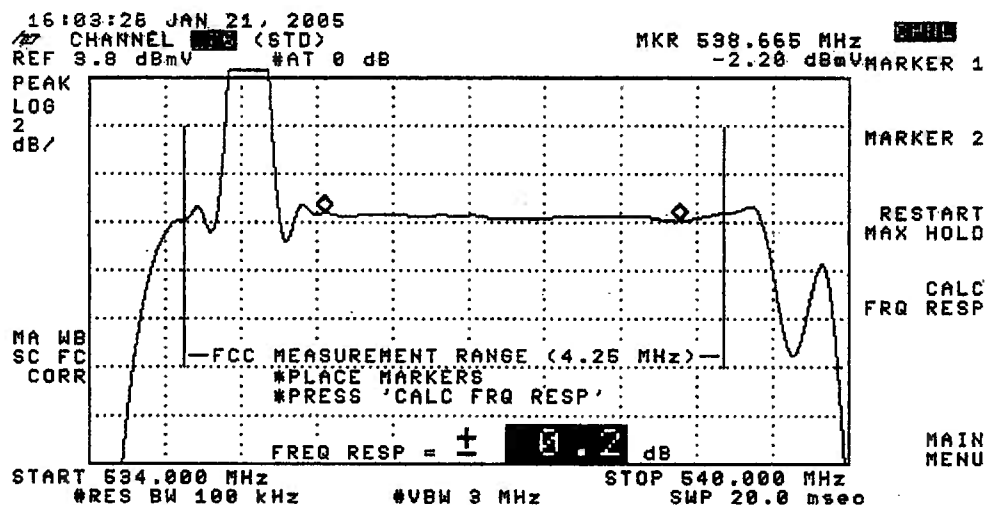
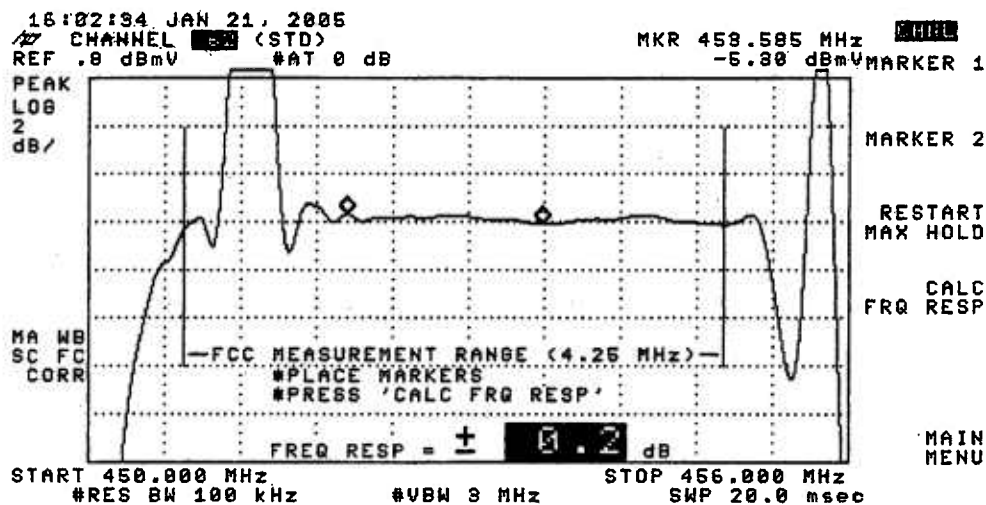
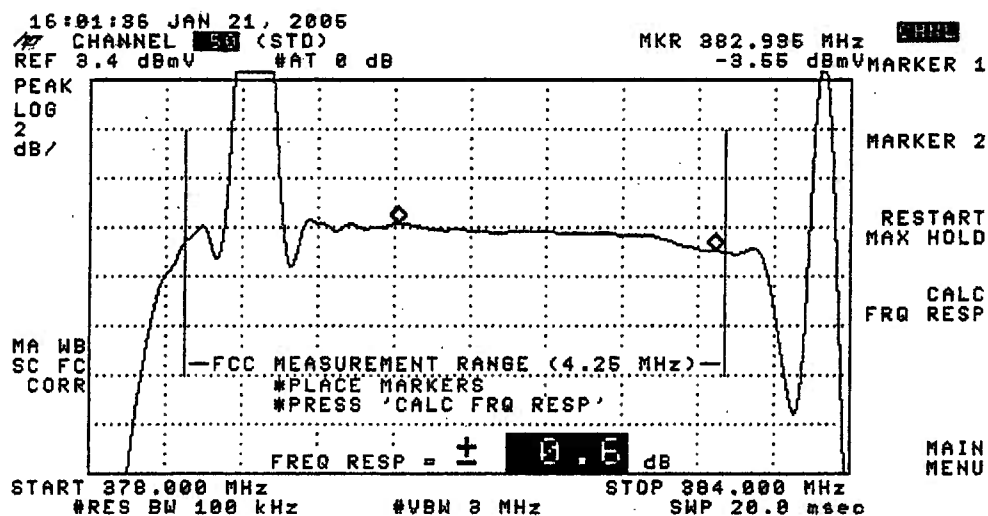
MARKER 2

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



TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/06/2005
 Meter Serial Number : 4040001

Test Location : Riverside Dr./Clayton
 Performed By : Matt Jessman

TEMP F							TEMP F						
30.80 30.20 35.60 32.00							30.80 30.20 35.60 32.00						
TIME							TIME						
11:05:00 17:05:00 23:05:00 05:05:00							11:05:00 17:05:00 23:05:00 05:05:00						
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	13.8	13.6	13.3	13.6	0.5	DD (40)	319.2625	17.1	16.4	16.0	17.0	1.1
3	61.2500	13.4	13.0	13.2	13.6	0.6	EE (41)	325.2625	16.9	16.3	16.0	16.9	0.9
4	67.2500	13.9	13.3	13.5	13.6	0.6	FF (42)	331.2750	17.9	17.3	16.8	17.5	1.1
5	77.2500	12.6	12.2	11.5	11.6	1.1	GG (43)	337.2625	18.0	17.5	17.1	17.7	0.9
6	83.2500	13.6	13.1	12.8	12.7	0.9	HH (44)	343.2625	18.5	18.1	17.5	18.1	1
A-5 (95)	91.2500						II (45)	349.2625	19.0	19.0	18.5	19.0	0.5
A-4 (96)	97.2500	14.1	13.8	13.5	13.8	0.6	JJ (46)	355.2625	19.4	19.1	18.5	19.2	0.9
A-3 (97)	103.2500	12.8	12.8	12.2	13.0	0.8	KK (47)	361.2625					
A-2 (98)	109.2750	13.8	13.5	13.1	14.0	0.9	LL (48)	367.2625	19.2	19.0	18.5	19.1	0.7
A-1 (99)	115.2750	13.6	13.3	12.9	13.7	0.8	MM (49)	373.2625	17.6	17.1	16.8	17.5	0.8
A (14)	121.2625	13.3	13.6	13.0	13.3	0.6	NN (50)	379.2625	18.1	18.1	17.3	18.1	0.8
B (15)	127.2625	14.2	13.1	13.4	14.3	1.2	OO (51)	385.2625	18.8	19.1	18.7	18.3	0.8
C (16)	133.2625	13.9	11.4	13.2	14.0	2.6	PP (52)	391.2625	18.9	18.4	17.8	18.5	1.1
D (17)	139.2500	14.6	13.6	13.8	14.5	1	QQ (53)	397.2625	18.7	18.1	17.4	18.3	1.3
E (18)	145.2500	15.8	15.1	14.8	15.6	1	RR (54)	403.2500	18.3	17.6	17.2	18.2	1.1
F (19)	151.3210	14.8	14.4	14.0	14.7	0.8	SS (55)	409.2500	17.9	17.5	17.1	17.7	0.8
G (20)	157.2500	14.7	14.4	14.0	12.7	2	TT (56)	415.2500	17.0	17.0	16.2	18.4	2.2
H (21)	163.2500	15.2	14.6	14.3	14.7	0.9	UU (57)	421.2500	17.8	17.4	16.4	17.8	1.4
I (22)	169.2500	15.1	14.4	14.4	14.9	0.7	VV (58)	427.2500	17.2	16.6	16.2	17.0	1
7	175.2500	15.3	14.6	14.2	15.1	1.1	WW (59)	433.2500	17.1	16.8	16.0	16.8	1.1
8	181.2500	15.3	15.2	14.6	15.3	0.7	XX (60)	439.2500	15.8	15.4	14.7	15.4	1.1
9	187.2500	16.6	16.2	15.4	16.2	1.2	YY (61)	445.2500	16.1	15.6	14.9	15.7	1.2
10	193.2500	16.2	15.9	15.6	16.2	0.6	ZZ (62)	451.2500	16.6	16.2	15.1	16.5	1.5
11	199.2500	15.6	15.3	14.9	15.4	0.7	63	457.2500	17.0	16.7	15.4	16.5	1.6
12	205.2500	15.4	15.3	14.8	15.5	0.7	64	463.2500	17.8	17.2	16.6	17.3	1.2
13	211.2500	15.4	15.3	14.6	15.2	0.8	65	469.2500	17.4	16.8	16.2	17.1	1.2
J (23)	217.2500	15.5	15.5	14.7	15.4	0.8	66	475.2500	17.5	17.1	16.5	17.4	1
K (24)	223.2500	15.5	15.2	14.3	15.2	1.2	67	481.2500	17.4	17.0	16.3	17.2	1.1
L (25)	229.2625	14.9	14.2	13.6	14.3	1.3	68	487.2500	17.9	17.0	16.4	17.1	1.5
M (26)	235.2625	14.3	13.4	13.3	13.9	1	69	493.2500	17.9	17.4	17.0	17.6	0.9
N (27)	241.2625	14.3	13.3	13.7	13.9	1	70	499.2500	18.7	18.5	17.7	18.2	1
O (28)	247.2625	14.2	13.6	13.5	14.1	0.7	71	505.2500	18.5	18.1	17.5	18.4	1
P (29)	253.2625	14.5	14.1	13.8	14.6	0.8	72	511.2500	18.1	17.5	16.7	17.6	1.4
Q (30)	259.2625	14.6	13.6	13.9	14.4	1	73	517.2500	18.3	17.8	17.0	18.1	1.3
R (31)	265.2625	15.3	14.8	14.3	15.0	1	74	523.2500	18.0	17.5	16.9	17.8	1.1
S (32)	271.2625	15.1	14.7	13.8	14.9	1.3	75	529.2500	17.8	17.4	16.6	18.0	1.4
T (33)	277.2625	15.3	15.1	13.9	15.0	1.4	76	535.2500	18.0	17.9	17.1	17.8	0.9
U (34)	283.2625	14.9	15.0	13.6	14.4	1.4	77	541.2500	17.4	17.0	16.2	17.4	1.2
V (35)	289.2625	14.8	15.4	14.0	14.3	1.4	78	547.2500	18.2	18.0	16.9	18.1	1.3
W (36)	295.2625	14.8	15.7	14.7	15.1	1	79	553.2500					
AA (37)	301.2625	16.0	16.0	15.2	15.7	0.8	80	559.2500					
BB (38)	307.2625	16.7	16.0	15.6	16.6	1.1	81	565.2500					
CC (39)	313.2625	16.7	16.2	15.4	16.7	1.3							

Max Non Adjacent Channel Level Diff
 Max Adjacent Channel Level Diff
 Max Variance from last proof of performance test
 Date of last proof of performance test

:- 7.7
 :- 2.2
 :- N/A
 :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	8
Hub Name	:	Clayton
Location	:	Star Ave./Wellesley Island
Map Number	:	13686088
Pole Number	:	1/1
D.T. Value	:	23-4 port
OR Number	:	488
GNA Cascade	:	5
LE Cascade	:	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 : Watertown Test Location : Star Ave./Wellesley Island
Date : 01/06/2005 Time : 12:32:00

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	13.4	-1.4		14.8	DD (40)	319.2625	15.0	0.5		14.5
3	61.2500	13.3	-0.8		14.1	EE (41)	325.2625	15.0	0.7		14.3
4	67.2500	13.8	-0.1		13.9	FF (42)	331.2750	14.9	0.2		14.7
5	77.2500	12.8	-2.2		15	GG (43)	337.2625	14.6	1.2		13.4
6	83.2500	13.5	-0.8		14.3	HH (44)	343.2625	15.4	0.9		14.5
A-3 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	15.7	1.0		14.7
A-4 (96)	97.2500	15.7	1.7		14	JJ (46)	355.2625	15.6	1.2		14.4
A-3 (97)	103.2500	14.4	0.2		14.2	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	15.0	0.6		14.4	LL (48)	367.2625	15.9	1.4		14.5
A-1 (99)	115.2750	15.0	0.4		14.6	MM (49)	373.2625	14.9	0.6		14.3
A (14)	121.2625	13.9	0.8		13.1	NN (50)	379.2625	15.5	1.2		14.3
B (15)	127.2625	15.1	0.1		15	OO (51)	385.2625	16.1	1.6		14.5
C (16)	133.2625	14.3	0.7		13.6	PP (52)	391.2625	15.9	1.1		14.8
D (17)	139.2500	14.7	0.6		14.1	QQ (53)	397.2625	15.7	2.3		13.4
E (18)	145.2500	15.9	1.5		14.4	RR (54)	403.2500	15.1	0.6		14.5
F (19)	151.3210	15.9	1.8		14.1	SS (55)	409.2500	14.7	-0.6		15.3
G (20)	157.2500	13.7	-0.4		14.1	TT (56)	415.2500	13.8	-0.6		14.4
H (21)	163.2500	16.3	2.5		13.8	UU (57)	421.2500	14.2	0.1		14.1
I (22)	169.2500	16.8	2.8		14	VV (58)	427.2500	14.2	0.3		13.9
7	175.2500	16.6	1.4		15.2	WW (59)	433.2500	14.4	-0.2		14.6
8	181.2500	16.2	1.2		15	XX (60)	439.2500	13.4	-1.3		14.7
9	187.2500	16.6	1.6		15	YY (61)	445.2500	14.1	-0.1		14.2
10	193.2500	15.9	1.2		14.7	ZZ (62)	451.2500	15.1	0.6		14.5
11	199.2500	15.8	1.3		14.5	63	457.2500	15.3	0.9		14.4
12	205.2500	14.8	0.0		14.8	64	463.2500	16.2	1.2		15
13	211.2500	14.7	0.6		14.1	65	469.2500	15.6	1.8		13.8
J (23)	217.2500	14.8	1.1		13.7	66	475.2500	15.8	1.1		14.7
K (24)	223.2500	14.8	1.8		13	67	481.2500	15.7	1.6		14.1
L (25)	229.2625	15.1	1.2		13.9	68	487.2500	15.6	1.3		14.3
M (26)	235.2625	16.1	2.5		13.6	69	493.2500	16.1	2.2		13.9
N (27)	241.2625	16.2	1.9		14.3	70	499.2500	16.3	1.8		14.5
O (28)	247.2625	16.6	1.4		15.2	71	505.2500	15.9	0.8		15.1
P (29)	253.2625	16.7	2.7		14	72	511.2500	15.8	0.9		14.9
Q (30)	259.2625	17.2	2.7		14.5	73	517.2500	16.3	1.5		14.8
R (31)	265.2625	17.2	2.4		14.8	74	523.2500	15.9	1.0		14.9
S (32)	271.2625	17.1	3.6		13.5	75	529.2500	15.6	1.6		14
T (33)	277.2625	17.1	2.6		14.5	76	535.2500	16.0	1.8		14.2
U (34)	283.2625	16.5	2.5		14	77	541.2500	14.9	0.1		14.8
V (35)	289.2625	16.3	2.4		13.9	78	547.2500	15.9	0.9		15
W (36)	295.2625	16.4	2.0		14.4	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	16.0	1.3		14.7	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	15.5	1.1		14.4	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.3	0.8		14.5						

Min Channel	:	5	12.8
Max Channel	:	Q(30)	17.2
Peak to Valley	:	4.4	

•

LOW FREQUENCY DISTURBANCES TEST

Date : 01/21/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

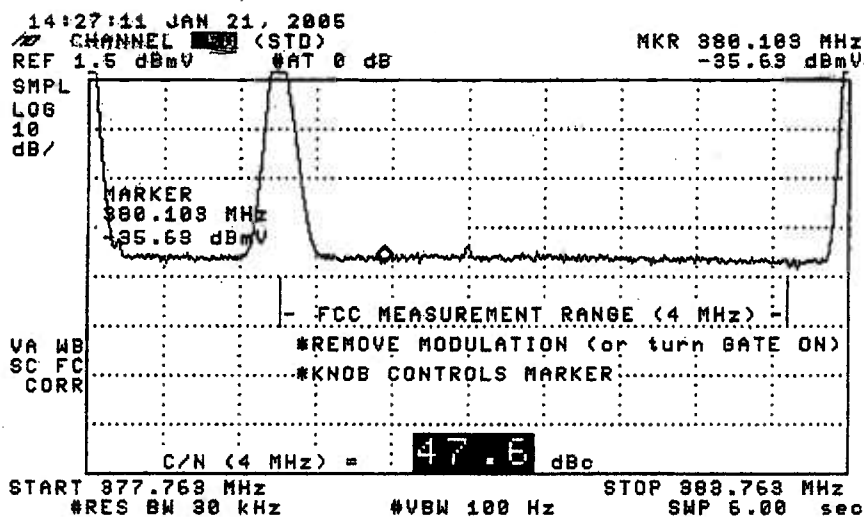
System Name : Watertown

Date : 01/21/2005

Performed By : Mark Favret

Location : Star Ave./Wellesley Island

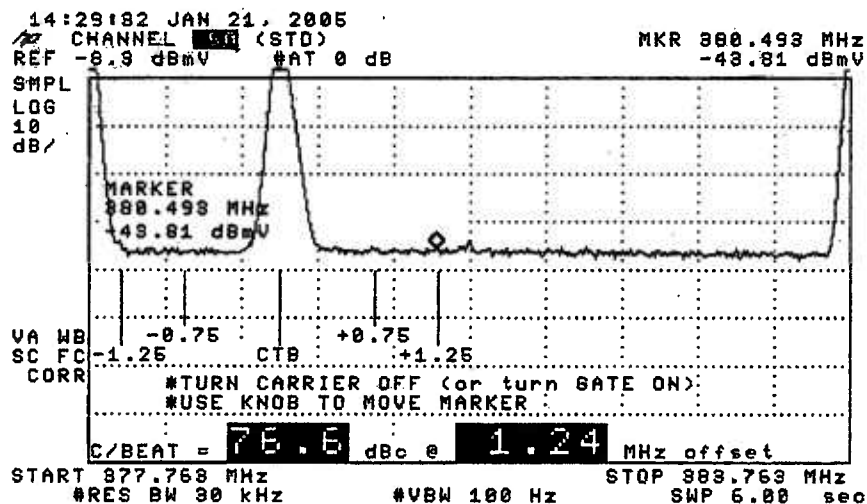
(SEE THE ATTACHED SWEEP TRACES)



CHNL
 GATE
 ON OFF
 AVERAGE
 ON OFF

MORE
 INFO
 More

MAIN
 MENU



CHNL
 GATE
 ON OFF

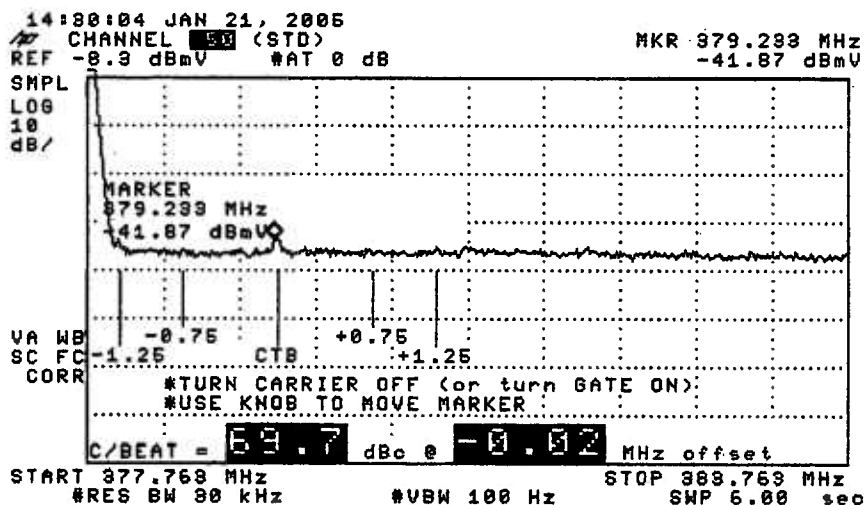
AVERAGE
 ON OFF

ZOOM &
 MEASURE

Gated
 CTB

More

MAIN
 MENU



CHNL
 GATE
 ON OFF

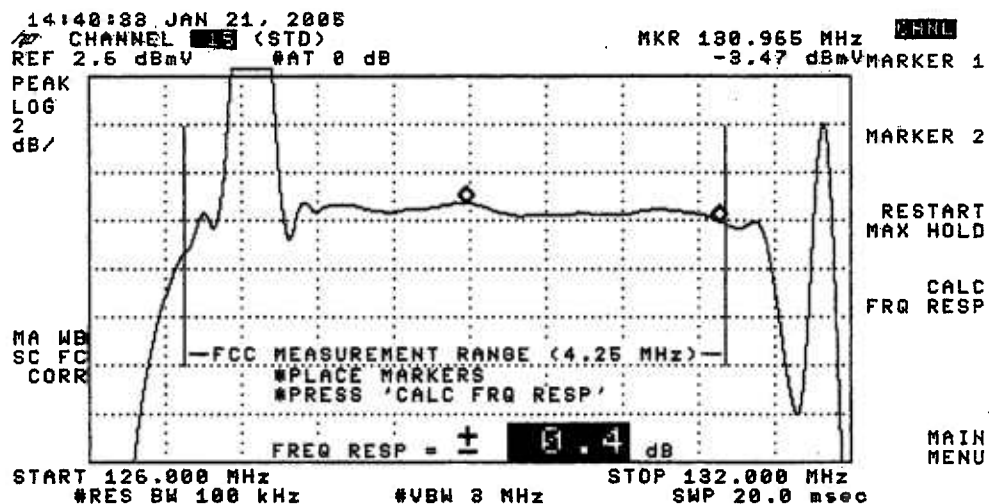
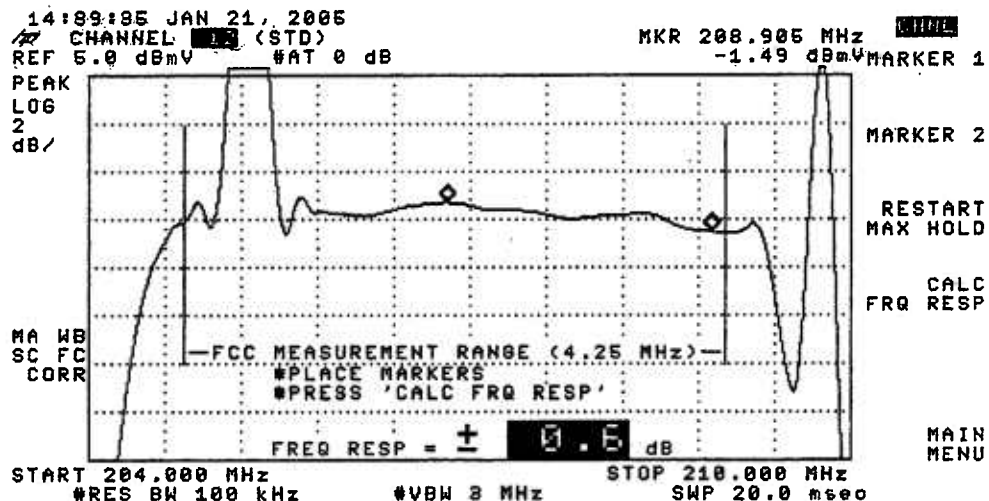
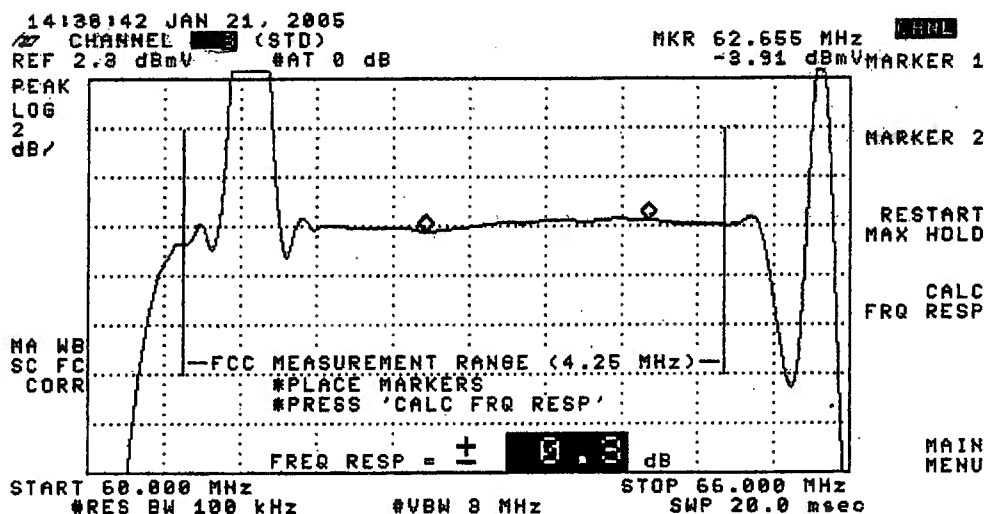
AVERAGE
 ON OFF

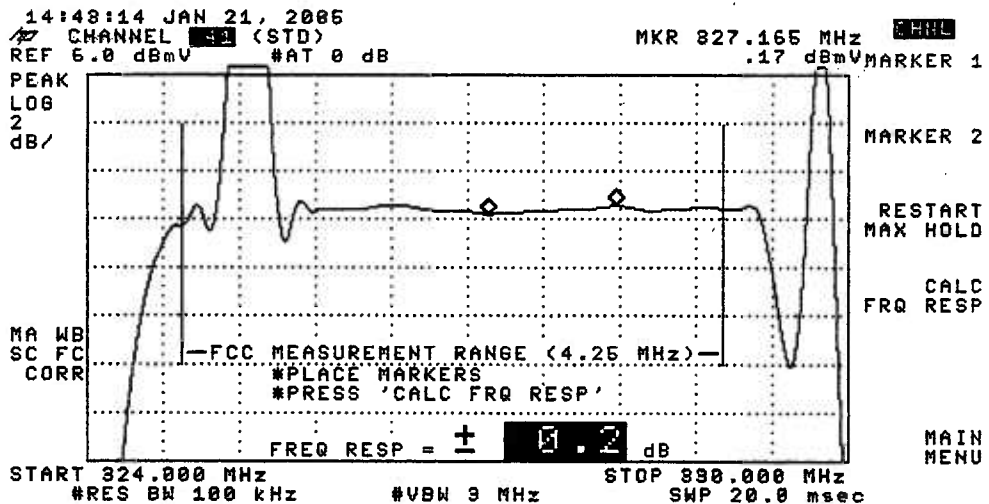
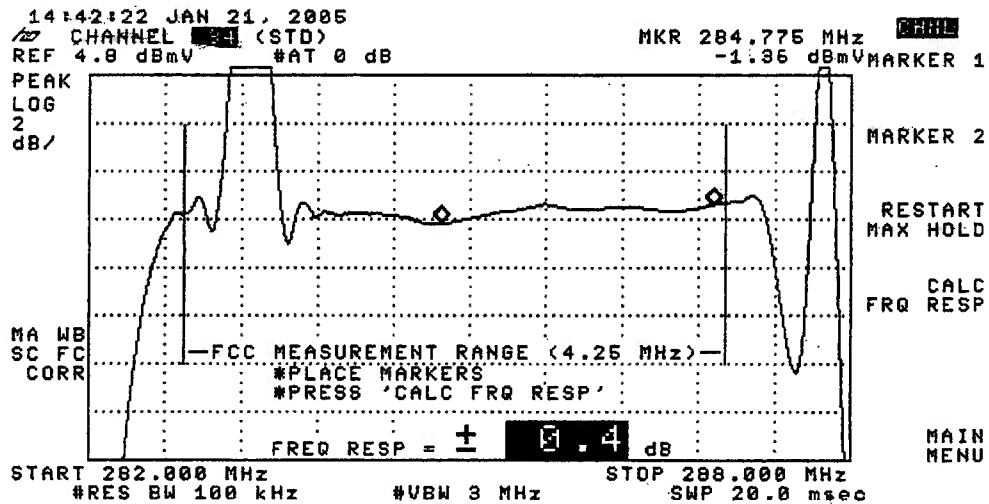
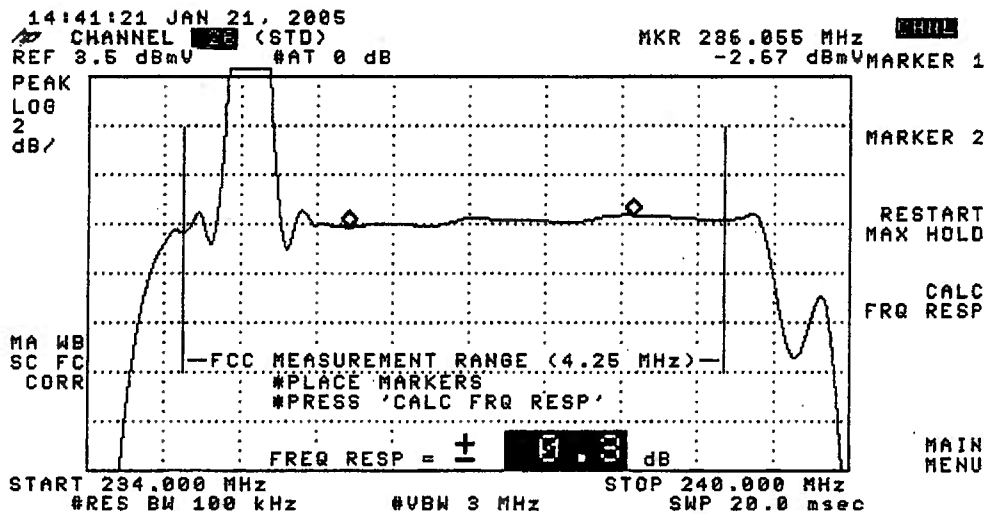
ZOOM &
 MEASURE

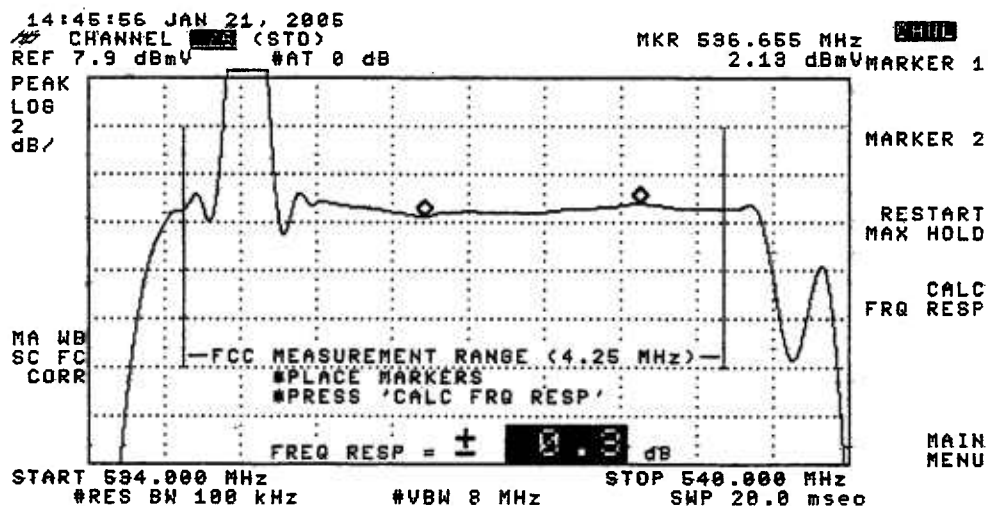
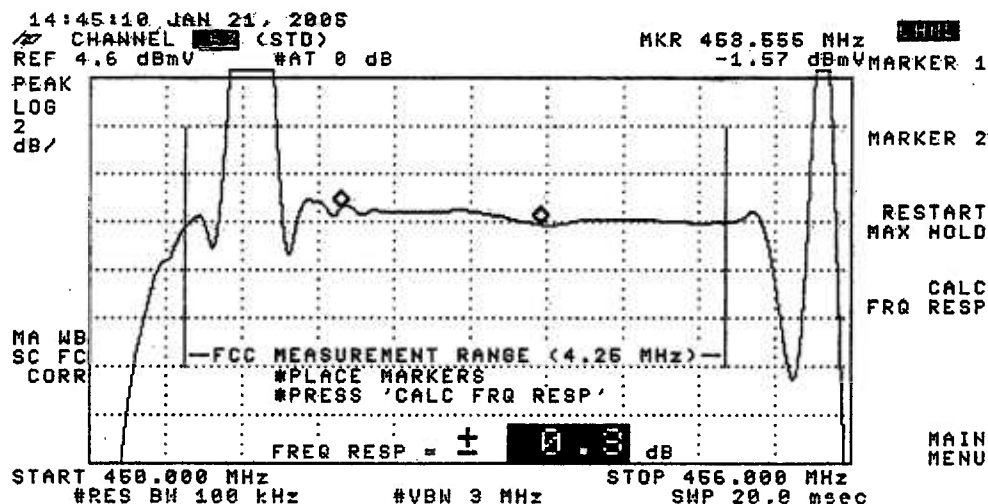
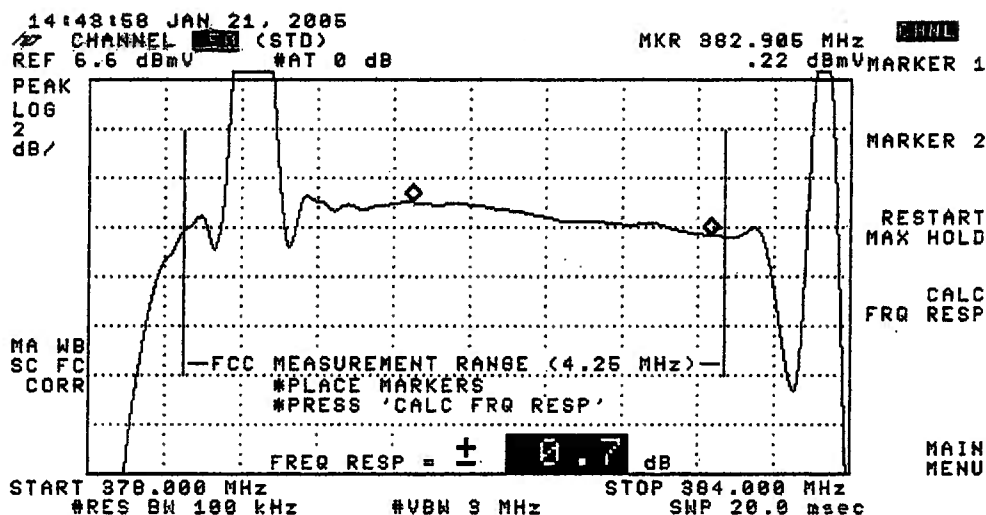
Gated
 CTB

More

MAIN
 MENU







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/06/2005
 Meter Serial Number : 2370393

Test Location : Star Ave./Wellesley Island
 Performed By : Matt Jessman

		TEMP F						TEMP F					
		33.40	28.40	35.60	28.40			33.40	28.40	35.60	28.40		
		TIME						TIME					
		12:32:00	18:32:00	00:32:00	06:32:00			12:32:00	18:32:00	00:32:00	06:32:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	13.4	12.8	13.6	13.0	0.8	DD (40)	319.2625	15.0	15.5	15.5	15.3	0.5
3	61.2500	13.3	13.4	13.1	13.7	0.6	EE (41)	325.2625	15.0	15.4	15.2	15.3	0.4
4	67.2500	13.8	14.4	14.1	14.2	0.6	FF (42)	331.2750	14.9	15.6	15.4	15.2	0.7
5	77.2500	12.8	12.9	12.3	12.6	0.6	GG (43)	337.2625	14.6	15.0	15.3	15.2	0.7
6	83.2500	13.5	13.8	13.6	13.9	0.4	HH (44)	343.2625	15.4	15.7	15.5	15.7	0.3
A-5 (95)	91.2500						II (45)	349.2625	15.7	16.1	16.1	16.1	0.4
A-4 (96)	97.2500	15.7	16.1	15.5	16.2	0.7	JJ (46)	355.2625	15.6	15.8	16.1	16.0	0.5
A-3 (97)	103.2500	14.4	15.2	14.2	14.9	1	KK (47)	361.2625					
A-2 (98)	109.2750	15.0	15.8	15.3	15.3	0.8	LL (48)	367.2625	15.9	16.5	16.7	16.5	0.8
A-1 (99)	115.2750	15.0	14.2	14.2	15.4	1.2	MM (49)	373.2625	14.9	15.4	15.9	14.9	1
A (14)	121.2625	13.9	13.1	14.6	14.0	1.5	NN (50)	379.2625	15.5	16.1	15.9	15.4	0.7
B (15)	127.2625	15.1	15.5	15.6	15.4	0.5	OO (51)	385.2625	16.1	17.4	16.4	16.2	1.3
C (16)	133.2625	14.3	14.1	14.5	14.6	0.5	PP (52)	391.2625	15.9	16.2	16.2	16.5	0.6
D (17)	139.2500	14.7	15.0	15.2	15.1	0.5	QQ (53)	397.2625	15.7	16.1	15.9	15.4	0.7
E (18)	145.2500	15.9	16.4	16.1	16.4	0.5	RR (54)	403.2500	15.1	15.4	15.3	15.1	0.3
F (19)	151.3210	15.9	16.2	15.8	16.5	0.7	SS (55)	409.2500	14.7	15.2	15.2	15.2	0.5
G (20)	157.2500	13.7	14.1	14.4	16.1	2.4	TT (56)	415.2500	13.8	14.0	14.1	15.4	1.6
H (21)	163.2500	16.3	16.9	17.0	17.0	0.7	UU (57)	421.2500	14.2	14.4	14.3	14.3	0.2
I (22)	169.2500	16.8	17.3	16.7	17.3	0.6	VV (58)	427.2500	14.2	14.2	14.3	14.7	0.5
7	175.2500	16.6	16.8	16.5	16.8	0.3	WW (59)	433.2500	14.4	15.0	14.5	14.8	0.6
8	181.2500	16.2	16.4	16.7	16.8	0.6	XX (60)	439.2500	13.4	13.7	13.6	13.5	0.3
9	187.2500	16.6	16.8	16.7	16.8	0.2	YY (61)	445.2500	14.1	14.5	14.5	14.4	0.4
10	193.2500	15.9	16.2	16.1	16.3	0.4	ZZ (62)	451.2500	15.1	15.5	15.8	15.5	0.7
11	199.2500	15.8	15.8	15.5	16.0	0.5	63	457.2500	15.3	15.6	15.6	15.8	0.5
12	205.2500	14.8	15.3	15.0	15.5	0.7	64	463.2500	16.2	16.3	16.3	16.1	0.2
13	211.2500	14.7	15.2	15.3	15.4	0.7	65	469.2500	15.6	15.9	15.9	15.8	0.3
J (23)	217.2500	14.8	15.5	15.3	15.6	0.8	66	475.2500	15.8	16.0	16.0	15.8	0.2
K (24)	223.2500	14.8	15.1	15.0	15.2	0.4	67	481.2500	15.7	15.9	15.9	15.6	0.3
L (25)	229.2625	15.1	15.6	15.6	15.7	0.6	68	487.2500	15.6	15.7	15.6	15.5	0.2
M (26)	235.2625	16.1	16.6	16.2	16.7	0.6	69	493.2500	16.1	16.1	15.9	15.6	0.5
N (27)	241.2625	16.2	16.7	16.5	16.7	0.5	70	499.2500	16.3	16.6	16.6	16.3	0.3
O (28)	247.2625	16.6	17.2	16.8	17.4	0.8	71	505.2500	15.9	16.3	16.3	16.0	0.4
P (29)	253.2625	16.7	17.2	17.0	17.4	0.7	72	511.2500	15.8	16.1	15.9	15.5	0.6
Q (30)	259.2625	17.2	17.6	17.3	17.5	0.4	73	517.2500	16.3	16.3	16.2	16.0	0.3
R (31)	265.2625	17.2	17.7	17.4	17.4	0.5	74	523.2500	15.9	16.2	16.1	15.9	0.3
S (32)	271.2625	17.1	17.7	17.3	17.5	0.6	75	529.2500	15.6	15.9	15.7	15.6	0.3
T (33)	277.2625	17.1	17.5	17.4	17.6	0.5	76	535.2500	16.0	16.4	16.3	15.9	0.5
U (34)	283.2625	16.5	16.8	16.9	17.0	0.5	77	541.2500	14.9	14.9	14.9	14.7	0.2
V (35)	289.2625	16.3	16.7	16.5	16.5	0.4	78	547.2500	15.9	16.1	15.9	15.9	0.2
W (36)	295.2625	16.4	16.9	16.5	16.8	0.5	79	553.2500					
AA (37)	301.2625	16.0	16.0	15.9	16.1	0.2	80	559.2500					
BB (38)	307.2625	15.5	16.2	15.8	16.1	0.7	81	565.2500					
CC (39)	313.2625	15.3	15.7	15.3	15.9	0.6							

Max Non Adjacent Channel Level Diff

:- 5.1

Max Adjacent Channel Level Diff

:- 2.8

Max Variance from last proof of performance test

:- N/A

Date of last proof of performance test

:- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	9
Hub Name	:	Carthage
Location	:	Strickland Rd./Carthage
Map Number	:	38-33
Pole Number	:	3/3
D.T. Value	:	17-2 port
OR Number	:	517
GNA Cascade	:	5
LE Cascade	:	1

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Strickland Rd./Carthage
 Date : 01/13/2005 Time : 11:55:00

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	16.4	1.9		14.5	DD (40)	319.2625	20.1	6.3		13.8
3	61.2500	16.7	1.8		14.9	EE (41)	325.2625	20.6	7.0		13.6
4	67.2500	16.4	2.1		14.3	FF (42)	331.2750	21.3	6.4		14.9
5	77.2500	15.8	1.0		14.8	OO (43)	337.2625	21.0	7.3		13.7
6	83.2500	15.8	1.3		14.5	HH (44)	343.2625	21.3	7.4		13.9
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	21.4	6.6		14.8
A-4 (96)	97.2500	16.5	2.6		13.9	II (46)	355.2625	20.7	6.3		14.4
A-3 (97)	103.2500	15.3	0.5		14.8	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	15.6	1.4		14.2	LL (48)	367.2625	20.2	6.0		14.2
A-1 (99)	115.2750	16.8	2.1		14.7	MM (49)	373.2625	19.8	5.2		14.6
A (14)	121.2625	17.3	2.1		15.2	NN (50)	379.2625	20.0	6.4		13.6
B (15)	127.2625	17.3	3.7		13.6	OO (51)	385.2625	20.3	3.8		14.5
C (16)	133.2625	18.0	4.3		13.7	PP (52)	391.2625	20.0	6.1		13.9
D (17)	139.2500	17.8	3.8		14	QQ (53)	397.2625	20.0	6.9		13.1
B (18)	145.2500	18.8	4.1		14.7	RR (54)	403.2500	20.7	6.5		14.2
F (19)	151.3310	18.0	3.6		14.4	SS (55)	409.2500	20.7	6.7		14
G (20)	157.2500	17.9	3.3		14.6	TT (56)	415.2500	21.7	7.9		13.8
H (21)	163.2500	18.1	3.9		14.2	UU (57)	421.2500	22.3	8.3		14
I (22)	169.2500	17.6	3.9		13.7	VV (58)	427.2500	22.1	7.3		14.8
7	175.2500	17.3	3.6		13.7	WW (59)	433.2500	21.4	7.5		13.9
8	181.2500	18.2	3.8		14.4	XX (60)	439.2500	21.6	7.3		14.3
9	187.2500	19.3	4.4		14.9	YY (61)	445.2500	20.7	6.0		14.7
10	193.2500	18.9	4.2		14.7	ZZ (62)	451.2500	20.0	5.6		14.4
11	199.2500	18.6	4.5		14.1	63	457.2500	20.5	5.8		14.7
12	205.2500	18.1	3.6		14.5	64	463.2500	21.0	6.3		14.7
13	211.2500	18.3	4.3		14	65	469.2500	20.6	6.9		13.7
J (23)	217.2500	18.1	4.1		14	66	475.2500	20.6	6.1		14.5
K (24)	223.2500	17.6	4.2		13.4	67	481.2500	20.0	6.7		13.3
L (25)	229.2625	17.7	2.8		14.9	68	487.2500	20.5	5.9		14.6
M (26)	235.2625	17.2	2.7		14.5	69	493.2500	19.9	6.3		13.6
N (27)	241.2625	16.8	2.1		14.7	70	499.2500	20.0	5.7		14.3
O (28)	247.2625	16.0	1.1		14.9	71	505.2500	19.6	4.4		15.2
P (29)	253.2625	16.2	2.1		14.1	72	511.2500	18.9	4.2		14.7
Q (30)	259.2625	16.5	2.2		14.3	73	517.2500	19.4	3.8		15.6
R (31)	265.2625	16.5	1.5		15	74	523.2500	18.7	3.6		15.1
S (32)	271.2625	16.6	3.5		13.1	75	529.2500	18.5	4.5		14
T (33)	277.2625	16.4	2.1		14.3	76	535.2500	18.3	4.3		14
U (34)	283.2625	16.4	3.2		13.2	77	541.2500	17.6	3.0		14.6
V (35)	289.2625	16.9	3.3		13.6	78	547.2500	18.4	2.9		15.5
W (36)	295.2625	17.6	3.7		13.9	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	17.8	3.7		14.1	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	18.4	4.6		13.8	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	19.1	5.4		13.7						

Min Channel	:	A-3(97)	15.3
Max Channel	:	UU(57)	22.3
Peak to Valley	:	7	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : Strickland Rd./Carthage

Date : 01/24/2005

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

CHANNEL NUMBER	IN CHANNEL RESPONSE	CARRIER TO NOISE RATIO	DISTORTIONS	CSO	HUM
	(+/- DB)	(DB)	(-DEC) CTB		(%)
3	0.2	47.1	70.0	72.3	0.3
12	0.7	47.4	70.5	72.5	
15	0.3	47.2	70.3	72.6	
26	0.2	47.4	69.8	71.1	
34	0.4	48.5	66.0	73.0	
41	0.2	47.8	68.8	67.8	
50	0.2	47.6	66.2	67.2	
62	0.4	48.2	65.6	68.8	
76	0.3	49.2	69.2	67.3	

18:58:11 JAN 21, 2005

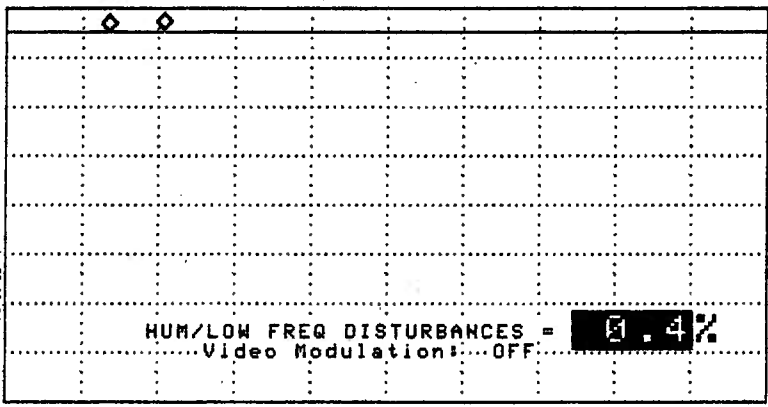
CHANNEL **5** (STD)
REF 17.3 dBmV AT 10 dB

MKR Δ -3.6250 msec
-.05 dB

STOP

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

START 61.288 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.288 MHz
#SWP 50.0 msec

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/24/2005

Performed By : Mark Favret

Location : Strickland Rd./Carthage

(SEE THE ATTACHED SWEEP TRACES)

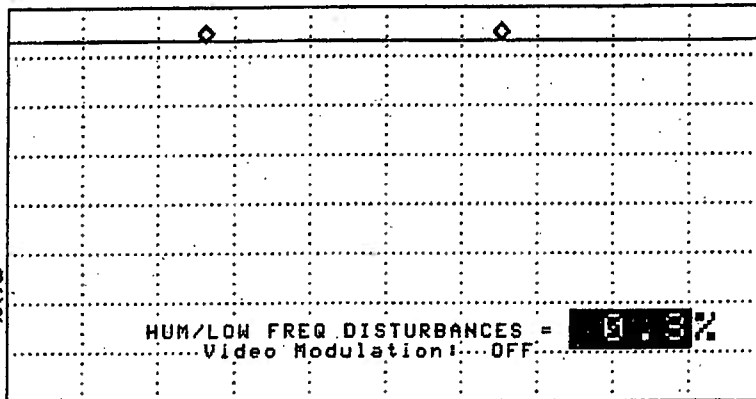
14:48:29 JAN 24, 2005
CHANNEL 3 (STD)
REF 19.6 dBmV AT 10 dB

MKR Δ -19.500 msec
-0.05 dB

CHIRP

PEAK
LOG
1
dB/

WA SB
SC FC
CORR



MORE
INFO

MAIN
MENU

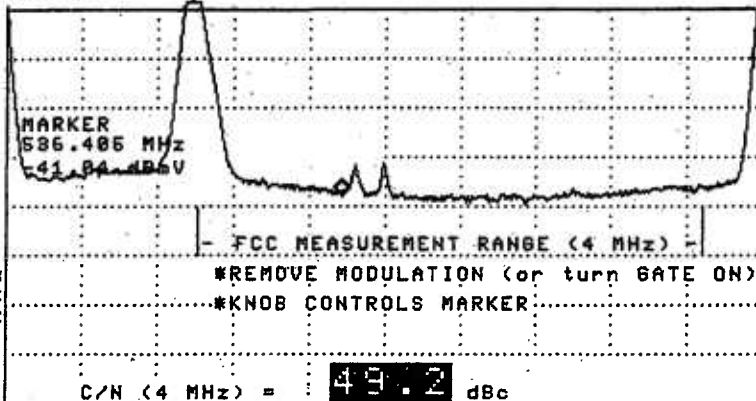
START 61.245 MHz STOP 61.245 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec

15:11:48 JAN 24, 2005

CHANNEL (STD)
REF -9.1 dBmV #AT 0 dB

MKR 536.485 MHz
-41.04 dBmV

SMPL
LOG
18
dB/



VA WB
SC FC
CORR

START 538.750 MHz #RES BW 30 kHz #VBW 100 Hz STOP 539.750 MHz SWP 6.00 sec

GATE
ON OFF
AVERAGE
ON OFF

MORE
INFO
More

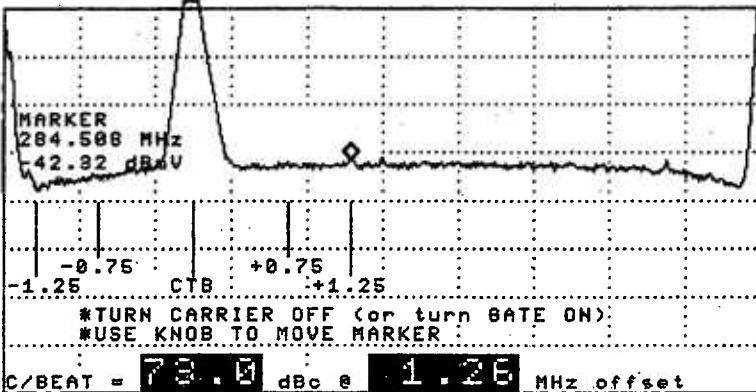
MAIN
MENU

15:03:09 JAN 24, 2005

CHANNEL (STD)
REF -10.9 dBmV #AT 0 dB

MKR 284.508 MHz
-42.92 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

START 281.750 MHz #RES BW 30 kHz #VBW 100 Hz STOP 287.750 MHz SWP 6.00 sec

GATE
ON OFF
AVERAGE
ON OFF

ZOOM &
MEASURE

Gated
CTB
More

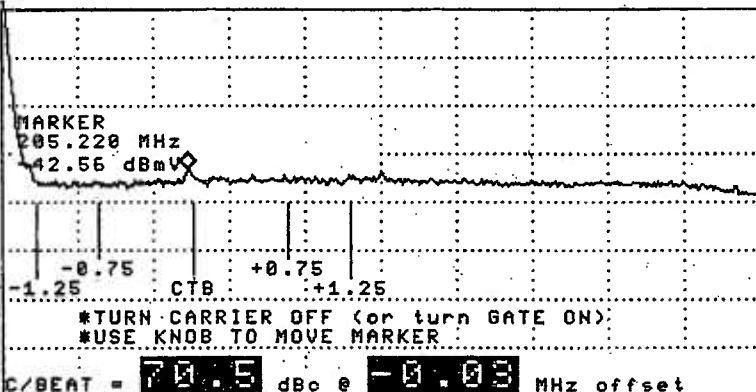
MAIN
MENU

14:54:52 JAN 24, 2005

CHANNEL (STD)
REF -9.4 dBmV #AT 0 dB

MKR 285.220 MHz
-42.56 dBmV

SMPL
LOG
10
dB/



VA WB
SC FC
CORR

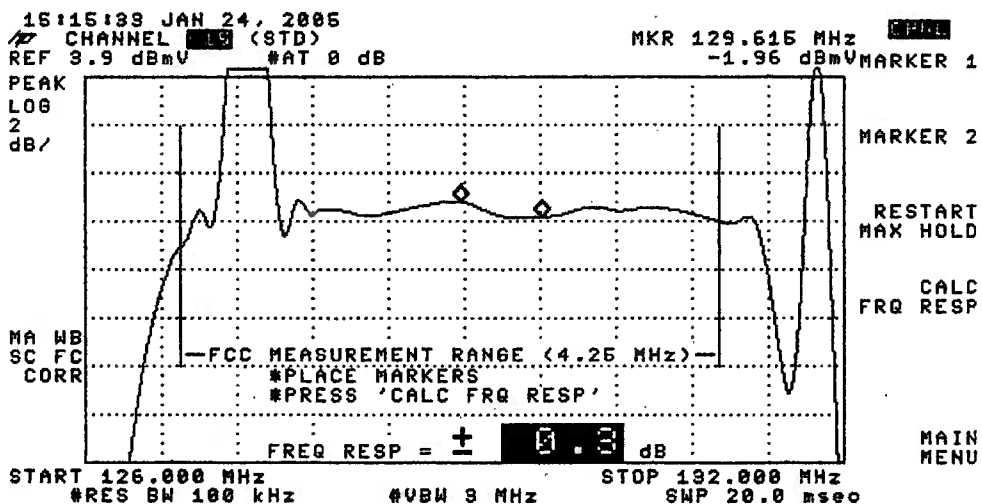
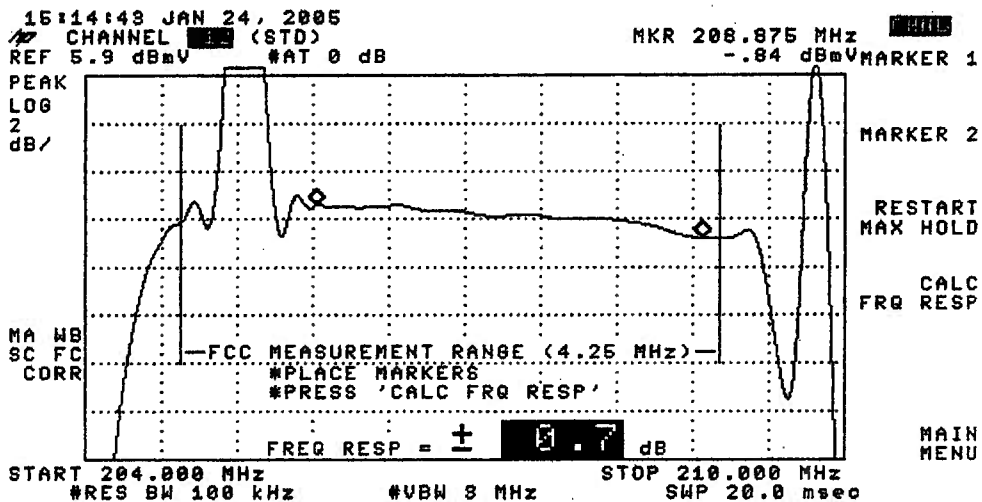
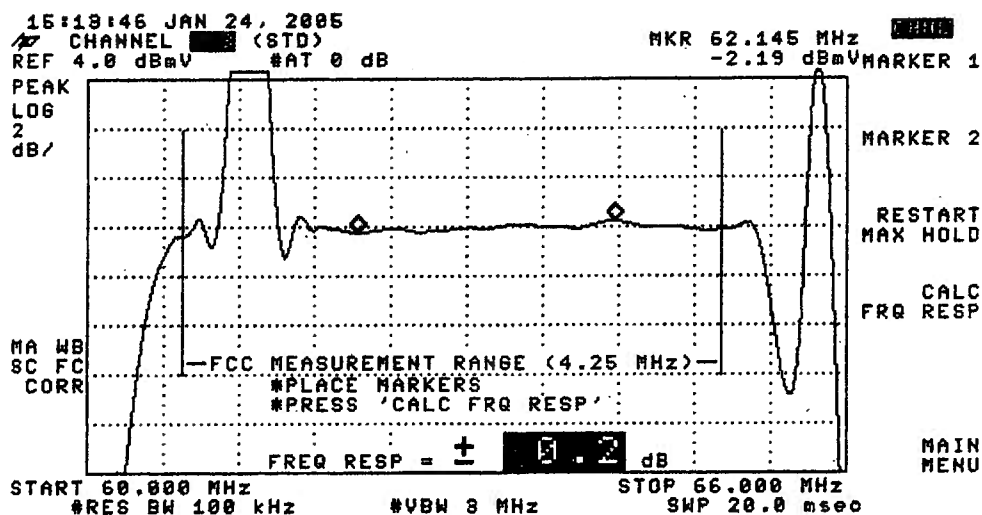
START 283.750 MHz #RES BW 30 kHz #VBW 100 Hz STOP 289.750 MHz SWP 6.00 sec

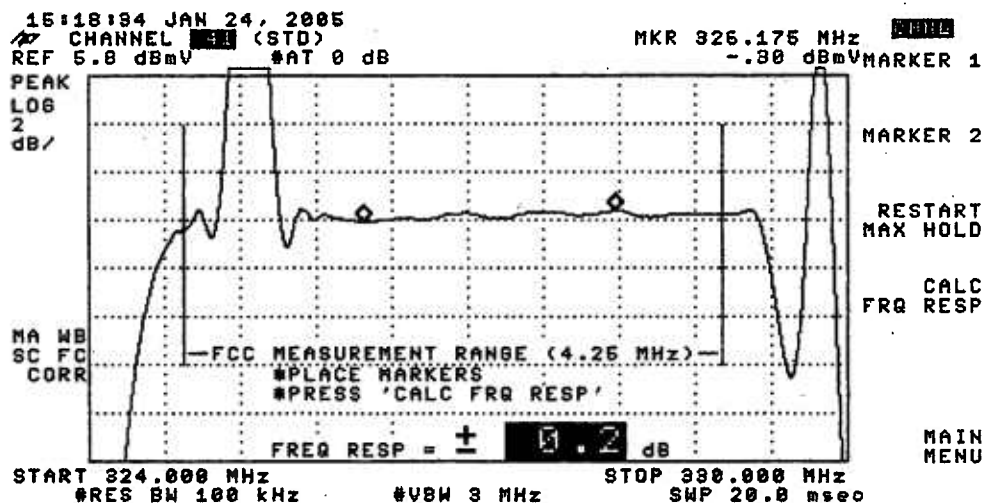
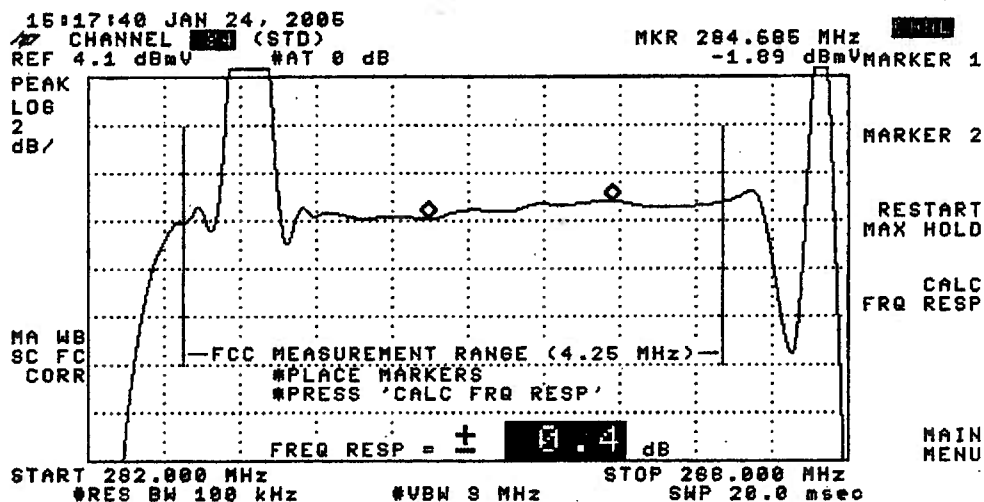
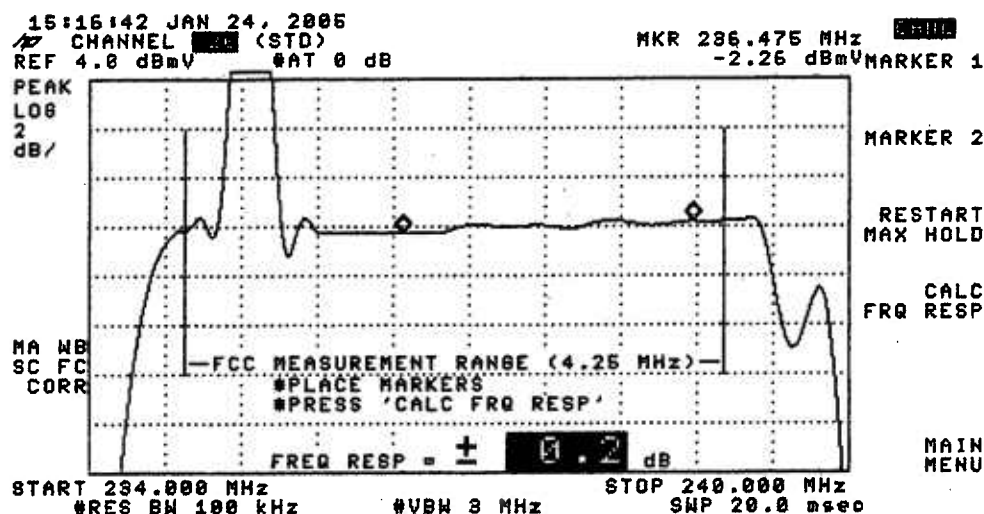
GATE
ON OFF
AVERAGE
ON OFF

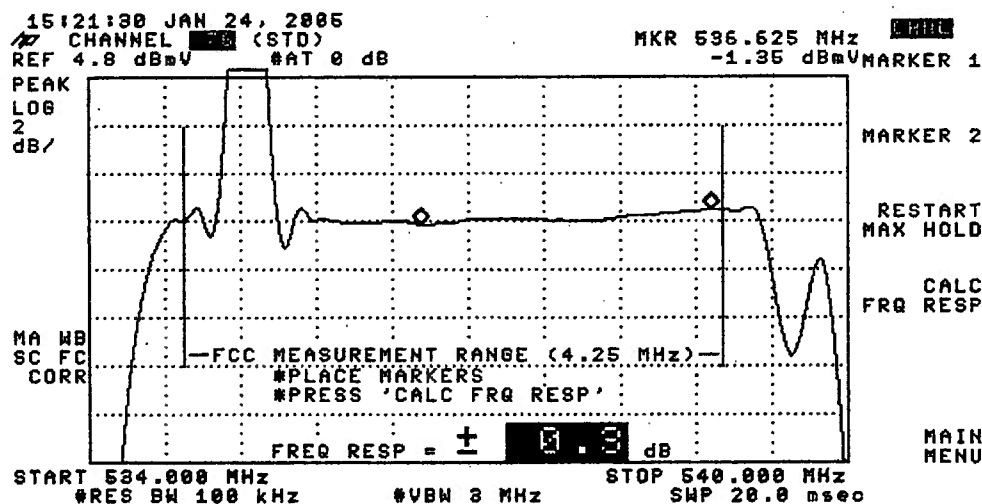
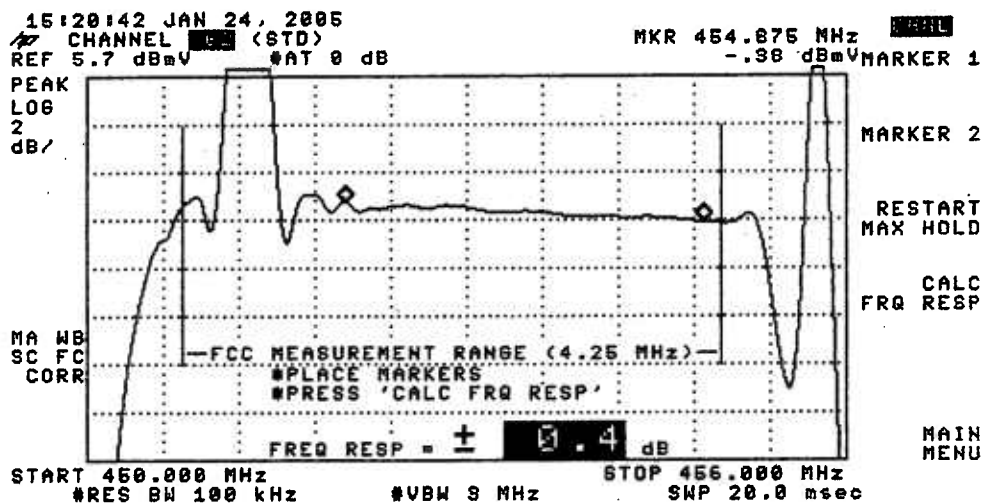
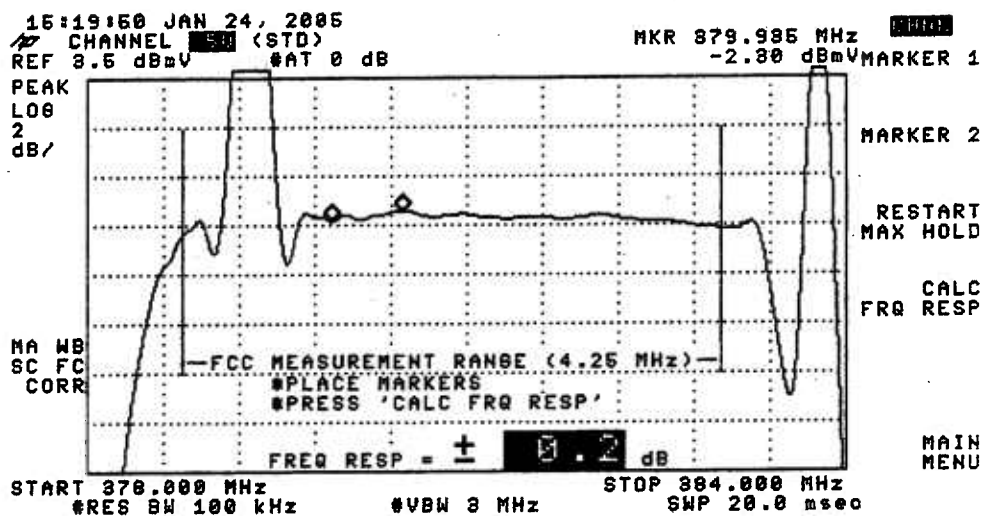
ZOOM &
MEASURE

Gated
CTB
More

MAIN
MENU







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown Test Location : Strickland Rd./Carthage
 Date : 01/13/2005 Performed By : Denis Rhubart
 Meter Serial Number : 2370393

		TEMP F						TEMP F					
		41.60	39.80	33.40	35.60			41.60	39.80	33.40	35.60		
		TIME						TIME					
		11:55:00	17:55:00	23:55:00	05:55:00			11:55:00	17:55:00	23:55:00	05:55:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	16.4	16.5	16.5	17.1	0.7	DD (40)	319.2625	20.1	20.1	20.3	20.8	0.7
3	61.2500	16.7	17.1	17.2	18.1	1.4	EB (41)	325.2625	20.6	20.8	20.7	21.5	0.9
4	67.2500	16.4	16.6	16.8	17.5	1.1	FF (42)	331.2750	21.3	21.4	21.5	21.9	0.6
5	77.2500	15.8	16.8	16.9	17.6	1.8	GO (43)	337.2625	21.0	21.4	21.5	21.9	0.9
6	83.2500	15.8	16.8	16.9	17.8	2	HH (44)	343.2625	21.3	21.3	21.3	22.1	0.8
A-5 (95)	91.2500						II (45)	349.2625	21.4	21.6	21.2	21.9	0.7
A-4 (96)	97.2500	16.5	16.7	16.6	17.9	1.4	JJ (46)	355.2625	20.7	21.6	21.5	21.6	0.9
A-3 (97)	103.2500	15.3	15.3	15.4	16.2	0.9	KK (47)	361.2625					
A-2 (98)	109.2750	15.6	15.3	15.6	16.3	0.8	LL (48)	367.2625	20.2	20.8	20.6	21.2	1
A-1 (99)	115.2750	16.8	17.0	16.9	17.8	1	MM (49)	373.2625	19.8	20.0	20.1	21.0	1.2
A (14)	121.2625	17.3	17.9	18.2	18.5	1.2	NN (50)	379.2625	20.0	20.2	20.5	20.9	0.9
B (15)	127.2625	17.3	17.6	17.4	18.7	1.4	OO (51)	385.2625	20.3	21.1	20.3	21.5	1.2
C (16)	133.2625	18.0	17.8	17.7	18.9	1.2	PP (52)	391.2625	20.0	20.1	20.0	20.7	0.7
D (17)	139.2500	17.8	18.1	17.9	19.0	1.2	QQ (53)	397.2625	20.0	19.8	20.1	20.6	0.8
E (18)	145.2500	18.8	19.0	18.9	20.1	1.3	RR (54)	403.2500	20.7	20.3	21.1	21.0	0.8
F (19)	151.3210	18.0	18.3	18.1	19.3	1.3	SS (55)	409.2500	20.7	20.7	21.4	21.1	0.7
G (20)	157.2500	17.9	18.3	18.2	19.3	1.4	TT (56)	415.2500	21.7	21.9	22.1	21.9	0.4
H (21)	163.2500	18.1	18.5	18.2	19.2	1.1	UU (57)	421.2500	22.3	22.4	22.2	22.5	0.3
I (22)	169.2500	17.6	17.8	17.8	19.2	1.6	VV (58)	427.2500	22.1	22.1	21.8	22.9	1.1
7	175.2500	17.3	18.2	18.2	19.5	2.2	WW (59)	433.2500	21.4	21.5	21.4	22.5	1.1
8	181.2500	18.2	18.4	18.2	19.5	1.3	XX (60)	439.2500	21.6	22.3	22.4	22.9	1.3
9	187.2500	19.3	19.4	19.3	20.6	1.3	YY (61)	445.2500	20.7	20.8	20.9	21.3	0.6
10	193.2500	18.9	19.0	18.9	20.0	1.1	ZZ (62)	451.2500	20.0	20.2	20.3	20.4	0.4
11	199.2500	18.6	18.9	18.8	19.7	1.1	63	457.2500	20.5	20.7	21.9	21.0	1.4
12	205.2500	18.1	18.1	18.0	17.4	0.7	64	463.2500	21.0	20.9	21.4	21.2	0.5
13	211.2500	18.3	18.1	18.2	19.6	1.5	65	469.2500	20.6	20.6	21.0	21.1	0.5
J (23)	217.2500	18.1	18.2	18.2	19.2	1.1	66	475.2500	20.6	21.0	21.2	21.3	0.7
K (24)	223.2500	17.6	17.7	17.4	19.1	1.7	67	481.2500	20.0	20.1	20.5	20.8	0.8
L (25)	229.2625	17.7	17.7	17.2	19.0	1.8	68	487.2500	20.5	20.6	20.9	21.3	0.8
M (26)	235.2625	17.2	17.3	17.3	19.0	1.8	69	493.2500	19.9	19.8	20.0	20.4	0.6
N (27)	241.2625	16.8	16.7	16.9	18.4	1.7	70	499.2500	20.0	20.1	20.2	20.8	0.8
O (28)	247.2625	16.0	16.7	16.6	17.9	1.9	71	505.2500	19.6	19.9	20.2	20.5	0.9
P (29)	253.2625	16.2	16.5	16.5	17.8	1.6	72	511.2500	18.9	19.0	18.9	19.5	0.6
Q (30)	259.2625	16.5	16.7	16.8	18.0	1.5	73	517.2500	19.4	19.6	19.6	20.1	0.7
R (31)	265.2625	16.5	16.6	16.5	16.8	0.3	74	523.2500	18.7	18.3	18.9	19.0	0.7
S (32)	271.2625	16.6	16.7	16.7	17.0	0.4	75	529.2500	18.5	18.7	19.0	19.3	0.8
T (33)	277.2625	16.4	16.5	16.4	17.2	0.8	76	535.2500	18.3	18.5	18.5	18.9	0.6
U (34)	283.2625	16.4	16.4	16.6	17.5	1.1	77	541.2500	17.6	17.5	17.8	18.7	1.2
V (35)	289.2625	16.9	17.0	17.0	17.8	0.9	78	547.2500	18.4	18.7	18.8	19.3	0.9
W (36)	295.2625	17.6	18.0	17.8	18.6	1	79	553.2500					
AA (37)	301.2625	17.8	18.1	18.0	19.1	1.3	80	559.2500					
BB (38)	307.2625	18.4	18.6	18.7	19.4	1	81	565.2500					
CC (39)	313.2625	19.1	18.8	18.9	19.9	1.1							

Max Non Adjacent Channel Level Diff :- 7.1
 Max Adjacent Channel Level Diff :- 2.3
 Max Variance from last proof of performance test :- N/A
 Date of last proof of performance test :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

<i>System Name</i>	:	Watertown
<i>System Test Point #</i>	:	10
<i>Hub Name</i>	:	Carthage
<i>Location</i>	:	Rt. 126/Carthage
<i>Map Number</i>	:	42-35
<i>Pole Number</i>	:	60/2
<i>D.T. Value</i>	:	17-2 port
<i>OR Number</i>	:	518
<i>GNA Cascade</i>	:	5
<i>LE Cascade</i>	:	1

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Rt. 128/Carthage
Date : 01/13/2005 Time : 13:15:00

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	14.9	-0.5		15.4	DD (40)	319.2625	16.0	2.0		14
3	61.2500	14.4	-0.7		15.1	EE (41)	325.2625	16.1	1.4		14.7
4	67.2500	13.9	-0.8		14.7	FF (42)	331.2750	15.9	0.9		15
5	77.2500	12.4	-1.8		14.2	GG (43)	337.2625	16.0	2.4		13.6
6	83.2500	12.5	-2.2		14.7	HH (44)	343.2625	16.0	2.0		14
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	16.0	1.3		14.7
A-4 (96)	97.2500	14.2	0.3		13.9	JJ (46)	355.2625	15.8	1.8		14
A-3 (97)	103.2500	13.2	-1.2		14.4	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	14.1	-1.1		15.2	LL (48)	367.2625	15.8	1.1		14.7
A-1 (99)	115.2750	14.6	-0.2		14.8	MM (49)	373.2625	15.6	0.9		14.7
A (14)	121.2625	14.1	-0.6		14.7	NN (50)	379.2625	16.1	1.7		14.4
B (15)	127.2625	14.1	0.0		14.1	OO (51)	385.2625	16.3	1.9		14.4
C (16)	133.2625	13.8	0.0		13.8	PP (52)	391.2625	15.5	1.0		14.5
D (17)	139.2500	14.4	0.0		14.4	QQ (53)	397.2625	15.2	1.3		13.9
B (18)	145.2500	14.8	0.0		14.8	RR (54)	403.2500	15.5	1.0		14.5
F (19)	151.3210	14.5	-0.2		14.7	SS (55)	409.2500	15.1	0.0		15.1
O (20)	157.2500	13.9	-0.6		14.5	TT (56)	415.2500	14.7	0.6		14.1
H (21)	163.2500	13.8	0.1		13.7	UU (57)	421.2500	14.6	0.0		14.6
I (22)	169.2500	14.1	0.1		14	VV (58)	427.2500	13.8	-0.4		14.2
7	175.2500	13.9	-0.7		14.6	WW (59)	433.2500	13.6	-1.3		14.9
8	181.2500	14.2	-0.2		14.4	XX (60)	439.2500	14.6	0.3		14.3
9	187.2500	15.1	0.8		14.3	YY (61)	445.2500	14.4	0.1		14.3
10	193.2500	14.7	-0.4		15.1	ZZ (62)	451.2500	14.3	-0.4		14.7
11	199.2500	14.5	0.9		13.6	63	457.2500	14.1	-0.5		14.6
12	205.2500	14.2	-0.2		14.4	64	463.2500	14.6	-0.4		15
13	211.2500	14.6	0.6		14	65	469.2500	13.6	-0.4		14
J (23)	217.2500	14.9	1.3		13.6	66	475.2500	13.1	-0.8		13.9
K (24)	223.2500	14.7	0.8		13.9	67	481.2500	13.3	-2.0		15.3
L (25)	229.2625	14.2	0.2		14	68	487.2500	12.6	-1.2		13.8
M (26)	235.2625	14.5	0.4		14.1	69	493.2500	13.1	-0.4		13.5
N (27)	241.2625	14.2	-0.3		14.5	70	499.2500	13.0	-1.9		14.9
O (28)	247.2625	13.9	-0.7		14.6	71	505.2500	12.3	-2.3		14.6
P (29)	253.2625	14.3	-0.1		14.4	72	511.2500	12.2	-3.2		15.4
Q (30)	259.2625	14.3	-0.5		14.8	73	517.2500	11.8	-3.0		14.8
R (31)	265.2625	13.9	-0.6		14.5	74	523.2500	11.9	-3.9		15.8
S (32)	271.2625	14.1	0.8		13.3	75	529.2500	11.1	-3.4		14.5
T (33)	277.2625	14.3	-0.1		14.4	76	535.2500	10.5	-3.8		14.3
U (34)	283.2625	14.0	0.9		13.1	77	541.2500	10.7	-3.9		14.6
V (35)	289.2625	14.6	1.4		13.2	78	547.2500	10.4	-5.0		15.4
W (36)	295.2625	15.4	0.9		14.5	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	15.0	1.3		13.7	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	16.0	1.5		14.5	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	15.1	1.6		13.5						

Min Channel	:	78	10.4
Max Channel	:	OO(51)	16.3
Peak to Valley	:	5.9	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : Rt. 126/Carthage

Date : 01/24/2005

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

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/24/2005

Performed By : Mark Favret

Location : Rt. 126/Carthage

(SEE THE ATTACHED SWEEP TRACES)

19:41:07 JAN 24, 2005

CHANNEL 3 (STD)

MKR Δ 4.7500 msec

CHNL

REF 16.4 dBmV

AT 10 dB

-.84 dB

PEAK

LOG

1

dB/

WA SB

SC FC

CORR

HUM/LOW FREQ DISTURBANCES =

0.3%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

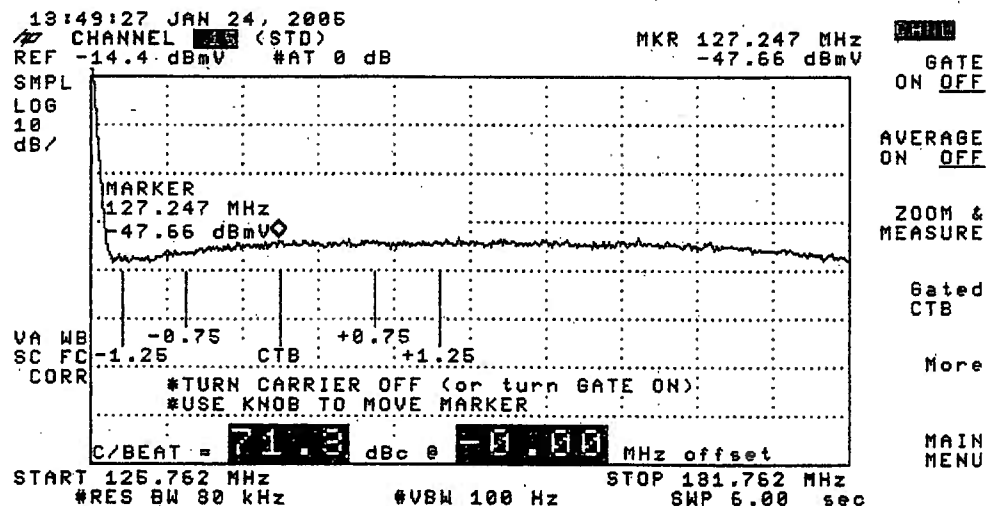
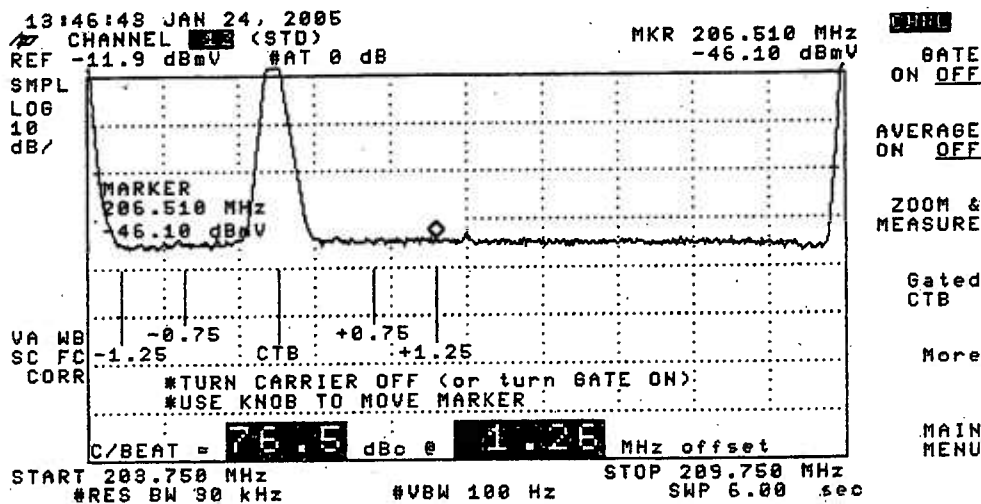
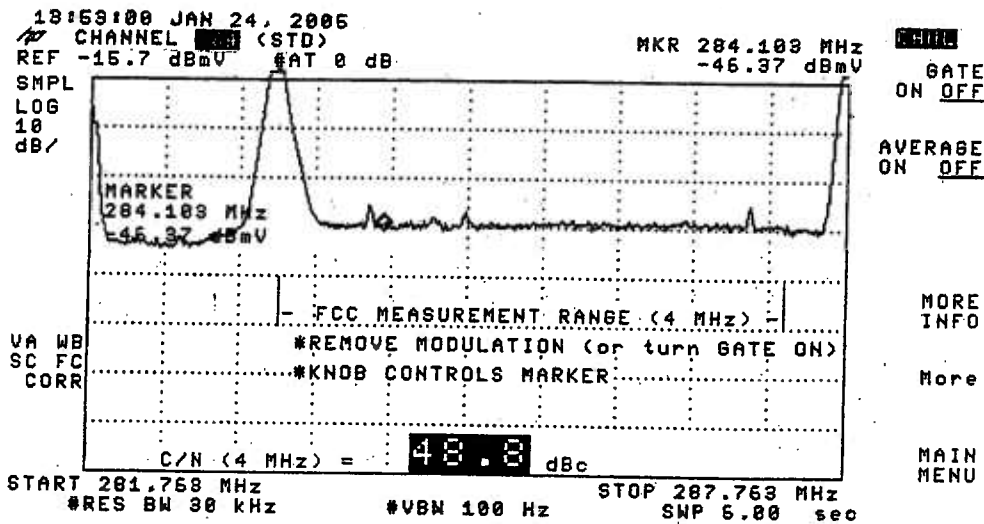
START 61.250 MHz

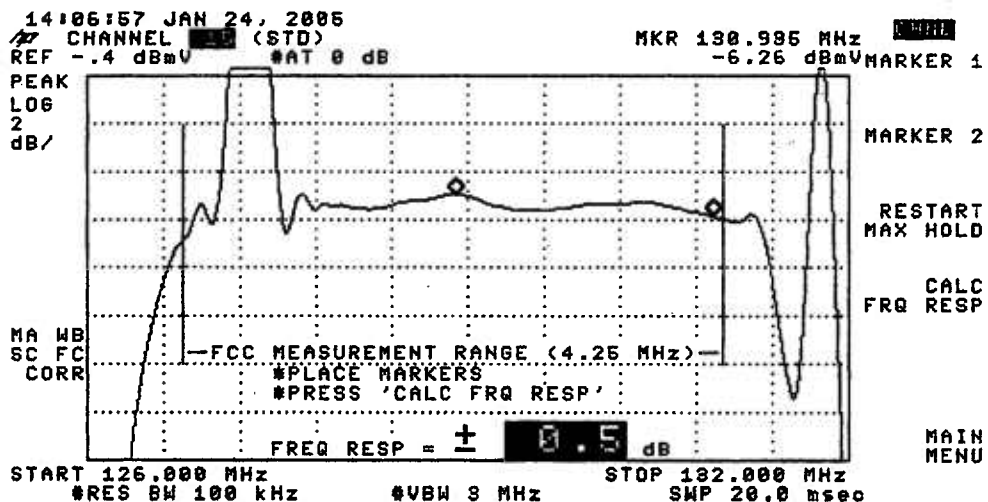
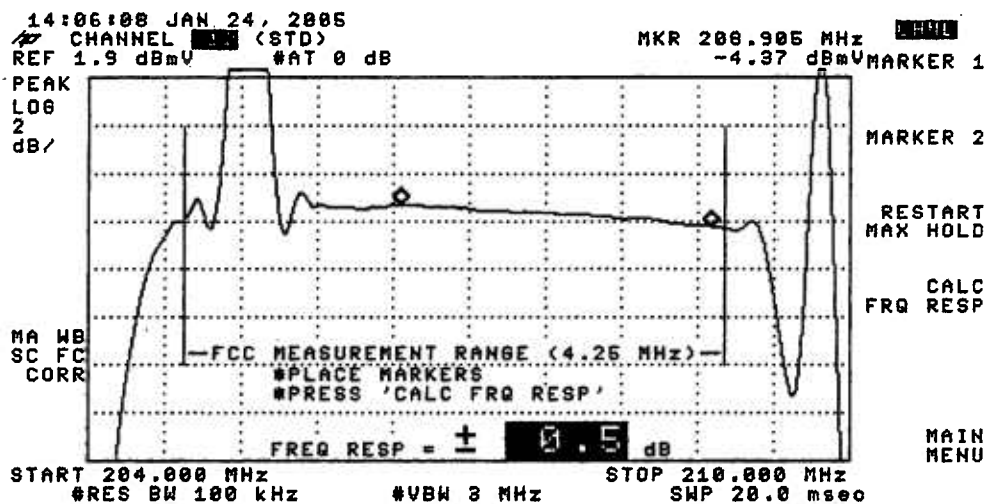
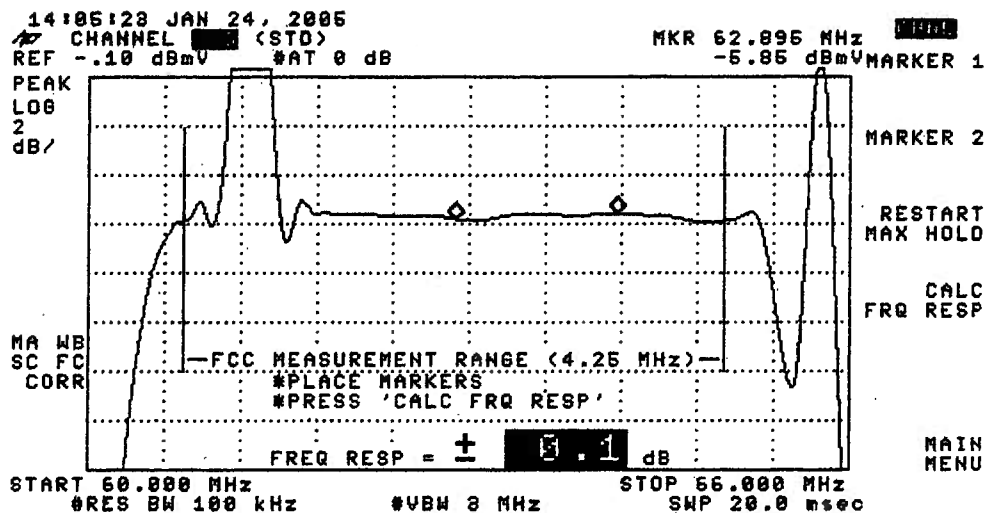
#RES BW 1.0 MHz

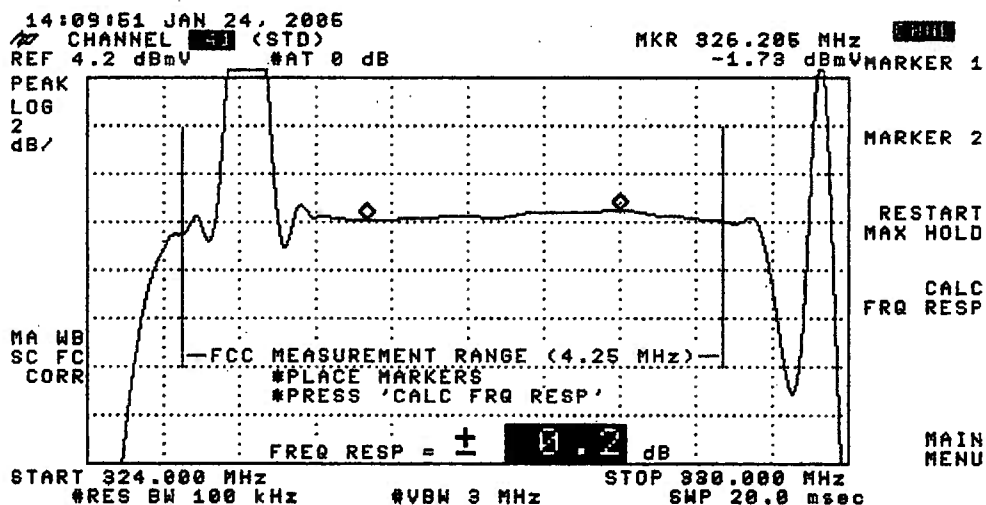
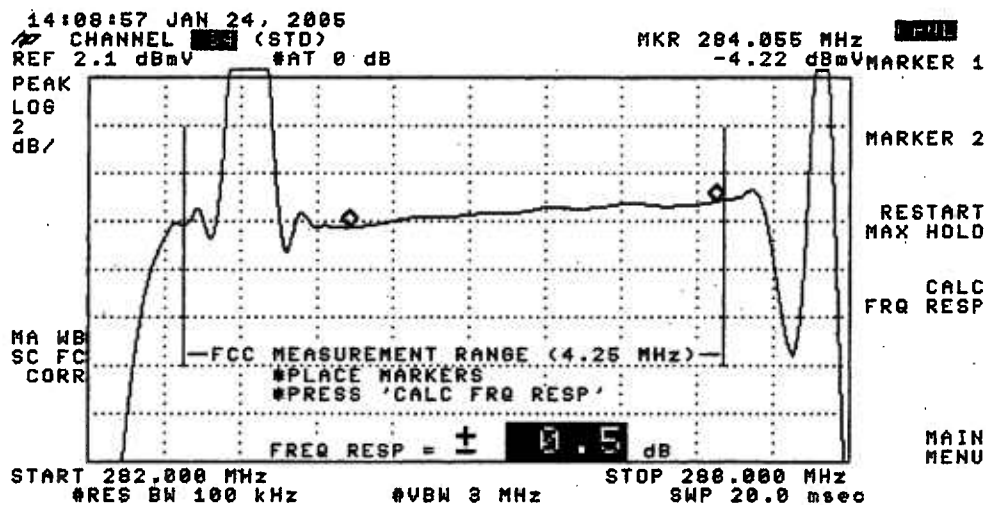
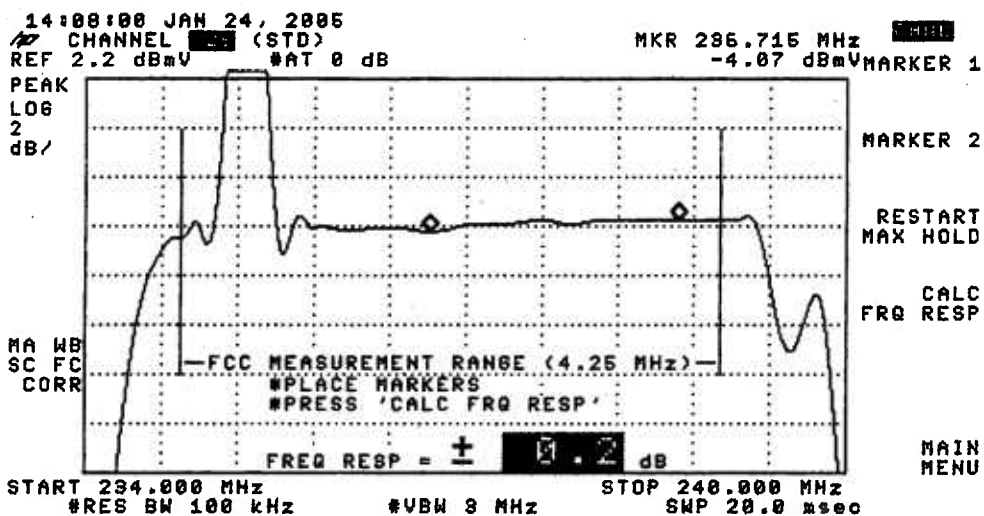
#VBW 1 kHz

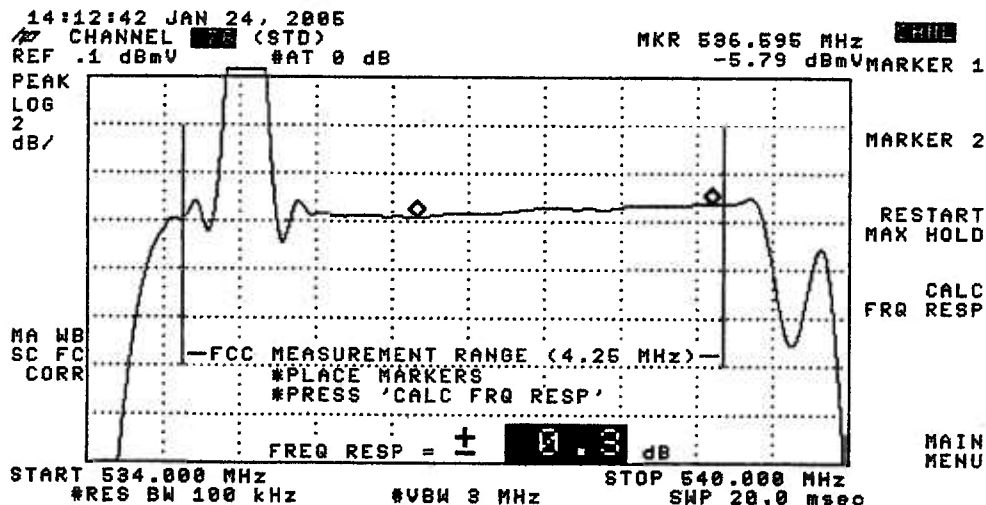
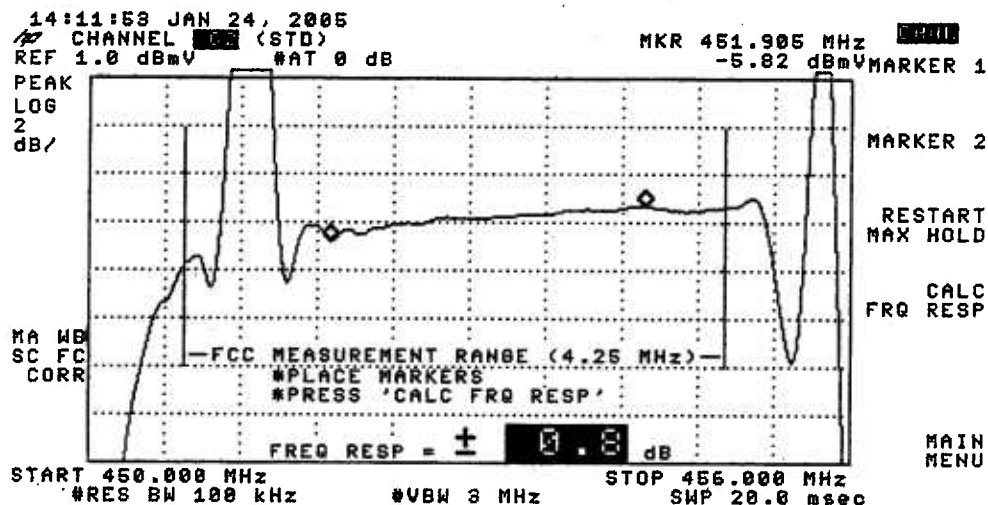
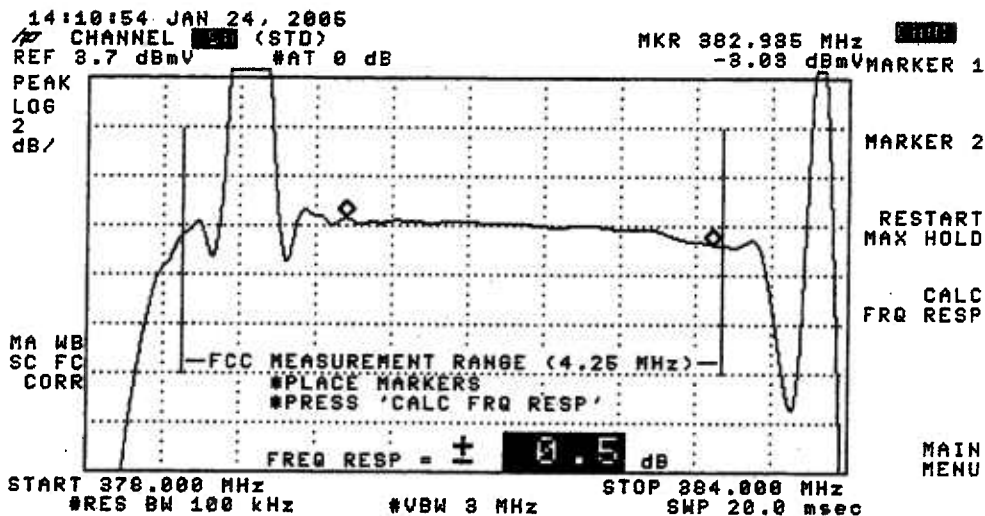
STOP 61.250 MHz

#SWP 50.0 msec









TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/13/2005
 Meter Serial Number : 2370393

Test Location : Rt. 126/Carthage
 Performed By : Denis Rhubar

TEMP F						TEMP F							
41.60 39.80 33.40 35.60						41.60 39.80 33.40 35.60							
TIME						TIME							
13:15:00 19:15:00 01:15:00 07:15:00						13:15:00 19:15:00 01:15:00 07:15:00							
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.9	14.9	14.4	16.4	2	DD (40)	319.2625	16.0	16.6	15.8	17.2	1.4
3	61.2500	14.4	14.4	14.4	16.0	1.6	EE (41)	325.2625	16.1	16.5	16.1	17.3	1.2
4	67.2500	13.9	14.1	13.9	15.5	1.6	FF (42)	331.2750	15.9	16.0	15.7	16.9	1.2
5	77.2500	12.4	13.3	12.4	14.2	1.8	GG (43)	337.2625	16.0	16.0	16.0	17.4	1.4
6	83.2500	12.5	13.5	12.3	14.1	1.8	HH (44)	343.2625	16.0	16.3	15.9	17.2	1.3
A-5 (95)	91.2500						II (45)	349.2625	16.0	16.1	15.9	16.8	0.9
A-4 (96)	97.2500	14.2	14.4	14.5	16.3	2.1	JJ (46)	355.2625	15.8	16.3	16.4	16.9	1.1
A-3 (97)	103.2500	13.2	13.1	13.2	15.1	2	KK (47)	361.2625					
A-2 (98)	109.2750	14.1	13.9	14.1	15.8	1.9	LL (48)	367.2625	15.8	15.8	15.6	16.5	0.9
A-1 (99)	115.2750	14.6	14.2	14.6	16.7	2.5	MM (49)	373.2625	15.6	16.0	15.6	16.3	0.7
A (14)	121.2625	14.1	14.2	14.0	14.8	0.8	NN (50)	379.2625	16.1	16.2	16.0	17.6	1.6
B (15)	127.2625	14.1	14.5	14.4	16.3	2.2	OO (51)	385.2625	16.3	16.5	15.8	18.0	2.2
C (16)	133.2625	13.8	14.3	14.5	16.3	2.5	PP (52)	391.2625	15.5	15.8	15.8	17.6	2.1
D (17)	139.2500	14.4	14.8	14.3	16.3	2	QQ (53)	397.2625	15.2	15.4	15.0	16.8	1.8
E (18)	145.2500	14.8	15.2	15.0	17.3	2.5	RR (54)	403.2500	15.5	15.7	15.1	16.7	1.6
F (19)	151.3210	14.5	14.8	14.6	16.7	2.2	SS (55)	409.2500	15.1	14.9	14.5	15.9	1.4
G (20)	157.2500	13.9	14.5	14.6	16.6	2.7	TT (56)	415.2500	14.7	14.6	14.2	16.0	1.8
H (21)	163.2500	13.8	14.4	14.2	16.3	2.5	UU (57)	421.2500	14.6	14.6	14.0	15.9	1.9
I (22)	169.2500	14.1	14.5	14.4	16.3	2.2	VV (58)	427.2500	13.8	14.0	13.4	15.2	1.8
7	175.2500	13.9	14.3	14.2	16.2	2.3	WW (59)	433.2500	13.6	14.0	13.4	14.9	1.5
8	181.2500	14.2	14.5	14.4	16.6	2.4	XX (60)	439.2500	14.6	15.3	14.9	16.5	1.9
9	187.2500	13.1	13.8	15.4	17.4	2.3	YY (61)	445.2500	14.4	14.4	14.2	15.5	1.3
10	193.2500	14.7	15.3	15.3	17.2	2.5	ZZ (62)	451.2500	14.3	14.4	14.1	15.2	1.1
11	199.2500	14.5	14.6	14.7	16.8	2.3	63	457.2500	14.1	14.2	13.6	14.7	1.1
12	205.2500	14.2	14.5	14.6	15.8	1.6	64	463.2500	14.6	14.6	13.9	14.9	1
13	211.2500	14.6	14.8	14.7	16.8	2.2	65	469.2500	13.6	13.4	12.8	14.1	1.3
J (23)	217.2500	14.9	15.2	15.0	17.1	2.2	66	475.2500	13.1	13.1	12.8	13.6	0.8
K (24)	223.2500	14.7	15.0	14.9	16.9	2.2	67	481.2500	13.3	13.0	12.8	13.9	1.1
L (25)	229.2625	14.2	14.6	14.4	17.0	2.8	68	487.2500	12.6	12.8	12.2	13.7	1.5
M (26)	235.2625	14.5	14.9	14.6	17.3	2.8	69	493.2500	13.1	12.9	12.1	13.9	1.8
N (27)	241.2625	14.2	14.3	14.4	17.0	2.8	70	499.2500	13.0	12.6	12.3	13.8	1.5
O (28)	247.2625	13.9	14.2	13.9	15.7	1.8	71	505.2500	12.3	12.4	11.6	13.2	1.6
P (29)	253.2625	14.3	14.4	14.2	15.3	1.3	72	511.2500	12.2	12.0	11.2	12.6	1.4
Q (30)	259.2625	14.3	14.8	14.3	15.8	1.5	73	517.2500	11.8	11.9	11.0	12.9	1.9
R (31)	265.2625	13.9	14.1	13.9	16.0	2.1	74	523.2500	11.9	11.6	11.0	12.6	1.6
S (32)	271.2625	14.1	14.5	14.1	15.9	1.8	75	529.2500	11.1	11.1	10.4	12.0	1.6
T (33)	277.2625	14.3	14.6	14.4	16.3	2	76	535.2500	10.5	10.5	10.8	11.3	0.8
U (34)	283.2625	14.0	14.4	14.3	16.2	2.2	77	541.2500	10.7	10.5	10.8	10.7	0.3
V (35)	289.2625	14.6	15.2	15.1	16.9	2.3	78	547.2500	10.4	10.3	10.9	11.5	1.2
W (36)	295.2625	15.4	15.3	15.6	17.2	1.9	79	553.2500					
AA (37)	301.2625	15.0	15.6	15.5	17.5	2.5	80	559.2500					
BB (38)	307.2625	16.0	16.3	15.9	17.7	1.8	81	565.2500					
CC (39)	313.2625	15.1	15.2	14.7	16.8	2.1							

Max Non Adjacent Channel Level Diff :- 7.3
 Max Adjacent Channel Level Diff :- 1.9
 Max Variance from last proof of performance test :- N/A
 Date of last proof of performance test :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

<i>System Name</i>	:	Watertown
<i>System Test Point #</i>	:	11
<i>Hub Name</i>	:	Carthage
<i>Location</i>	:	Limburg Forks Rd/Carthage
<i>Map Number</i>	:	40-30
<i>Pole Number</i>	:	9/10
<i>D.T. Value</i>	:	17-2 port
<i>OR Number</i>	:	528
<i>GNA Cascade</i>	:	3
<i>LE Cascade</i>	:	0

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Limburg Forks Rd/Carthage
 Date : 01/12/2005 Time : 10:46:00

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	15.3	0.3		15	DD (40)	319.2625	20.5	6.2		14.3
3	61.2500	16.7	1.3		15.4	EE (41)	325.2625	20.6	6.6		14
4	67.2500	15.9	1.6		14.3	FP (42)	331.2750	21.2	6.4		14.8
5	77.2500	15.4	1.2		14.2	GG (43)	337.2625	20.7	7.4		13.3
6	83.2500	14.9	0.4		14.5	HH (44)	343.2625	21.0	6.4		14.6
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	21.6	6.9		14.7
A-4 (96)	97.2500	15.8	2.8		14	JI (46)	355.2625	21.9	7.3		14.6
A-3 (97)	103.2500	15.4	1.1		14.3	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	16.6	1.7		14.9	LL (48)	367.2625	22.1	6.6		15.5
A-1 (99)	115.2750	17.0	2.3		14.7	MM (49)	373.2625	20.1	5.9		14.2
A (14)	121.2625	16.2	1.6		14.6	NN (50)	379.2625	21.3	7.6		13.7
B (15)	127.2625	17.0	2.8		14.2	OO (51)	385.2625	20.9	7.1		13.8
C (16)	133.2625	17.1	3.7		13.4	PP (52)	391.2625	21.6	7.1		14.5
D (17)	139.2500	17.4	3.5		13.9	QQ (53)	397.2625	21.2	7.8		13.4
E (18)	145.2500	18.1	3.3		14.6	RR (54)	403.2500	21.1	6.8		14.3
F (19)	151.3210	17.1	3.3		13.8	SS (55)	409.2500	20.9	6.0		14.9
O (20)	157.2500	17.6	3.6		14	TT (56)	415.2500	19.4	5.6		13.8
H (21)	163.2500	17.5	3.8		13.7	UU (57)	421.2500	21.1	6.7		14.4
I (22)	169.2500	17.9	3.7		14.2	VV (58)	427.2500	21.1	6.6		14.5
7	175.2500	17.7	3.0		14.7	WW (59)	433.2500	20.8	5.6		15.2
8	181.2500	17.6	3.3		14.3	XX (60)	439.2500	19.1	4.5		14.6
9	187.2500	18.6	3.9		14.7	YY (61)	445.2500	19.4	4.2		15.2
10	193.2500	18.1	3.8		14.3	ZZ (62)	451.2500	19.7	5.1		14.6
11	199.2500	18.5	4.0		14.5	63	457.2500	20.3	5.3		15
12	205.2500	17.9	3.5		14.4	64	463.2500	21.2	5.8		15.4
13	211.2500	16.2	2.3		13.9	65	469.2500	19.9	6.0		13.9
J (23)	217.2500	17.5	3.8		13.7	66	475.2500	19.3	5.4		13.9
K (24)	223.2500	17.5	4.1		13.4	67	481.2500	18.7	5.1		13.6
L (25)	229.2625	17.5	2.7		14.8	68	487.2500	19.2	5.0		14.2
M (26)	235.2625	17.1	3.0		14.1	69	493.2500	20.0	5.7		14.3
N (27)	241.2625	17.3	2.9		14.4	70	499.2500	20.6	5.6		15
O (28)	247.2625	16.7	2.6		14.1	71	505.2500	19.1	4.0		15.1
P (29)	253.2625	16.7	2.8		13.9	72	511.2500	17.5	3.5		14
Q (30)	259.2625	17.7	2.8		14.9	73	517.2500	18.2	4.2		14
R (31)	265.2625	17.7	2.8		14.9	74	523.2500	18.0	3.2		14.8
S (32)	271.2625	17.5	4.5		13	75	529.2500	17.9	4.0		13.9
T (33)	277.2625	17.0	3.4		13.6	76	535.2500	17.8	2.5		15.3
U (34)	283.2625	17.2	4.2		13	77	541.2500	15.4	1.8		13.6
V (35)	289.2625	17.9	4.5		13.4	78	547.2500	16.4	2.2		14.2
W (36)	295.2625	19.0	4.4		14.6	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	19.1	4.8		14.3	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	18.9	5.3		13.6	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	18.8	5.2		13.6						

Min Channel	:	6	14.9
Max Channel	:	LL(48)	22.1
Peak to Valley	:	7.2	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/24/2005

Performed By : Mark Favret

Location : Limburg Forks Rd/Carthage

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

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/24/2005

Performed By : Mark Favret

Location : Limburg Forks Rd/Carthage

(SEE THE ATTACHED SWEEP TRACES)

15:52:51 JAN 24, 2005
CHANNEL (STD)
REF 39.7 dBmV AT 10 dB

MKR A -5.2500 msec
-0.02 dB

TIME

PEAK
LOG
1
dB/

WA SB
SC FC
CORR

HUM/LOW FREQ DISTURBANCES = 0.2%
Video Modulation: OFF

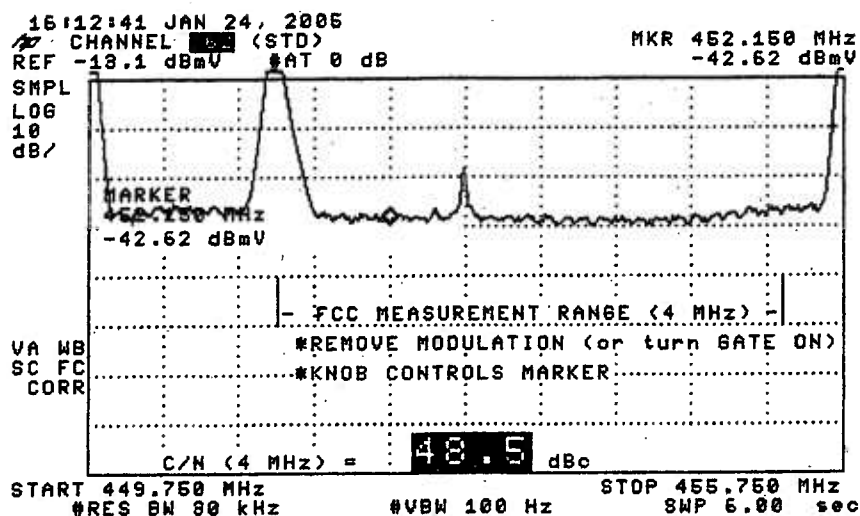
MORE
INFO

MAIN
MENU

START 61.248 MHz
#RES BW 1.0 MHz

#VBW 1 kHz

STOP 61.248 MHz
#SWP 50.0 msec

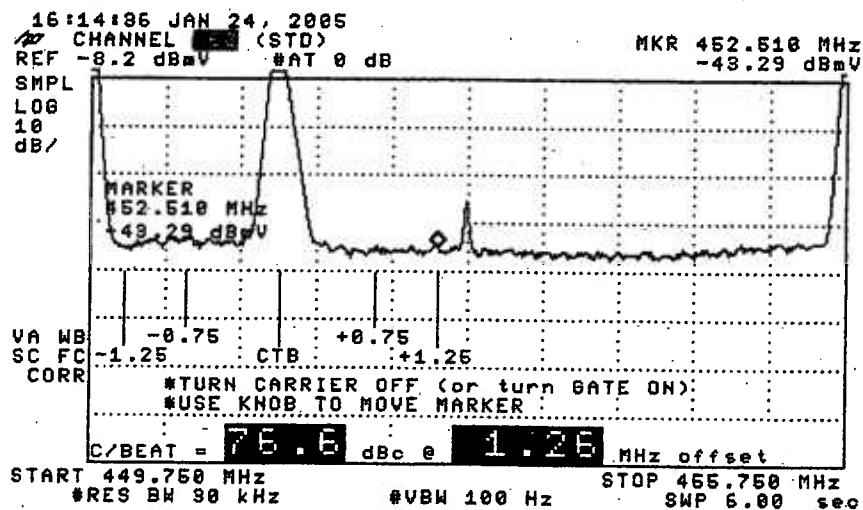


GATE
 ON OFF
 AVERAGE
 ON OFF

MORE
 INFO

More

MAIN
 MENU



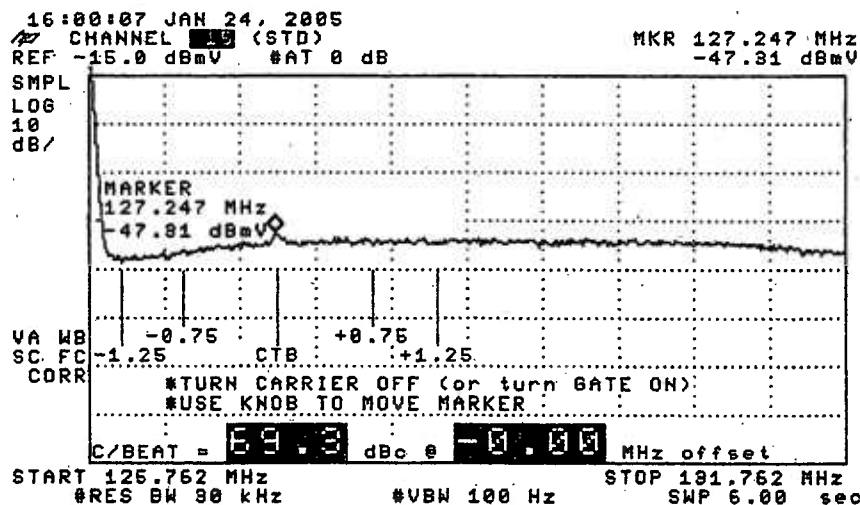
GATE
 ON OFF
 AVERAGE
 ON OFF

ZOOM &
 MEASURE

Gated
 CTB

More

MAIN
 MENU



GATE
 ON OFF

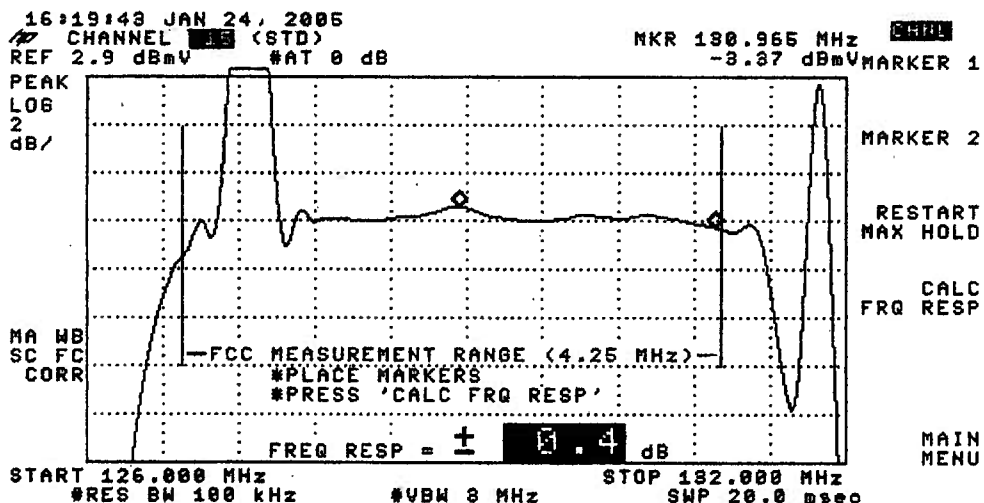
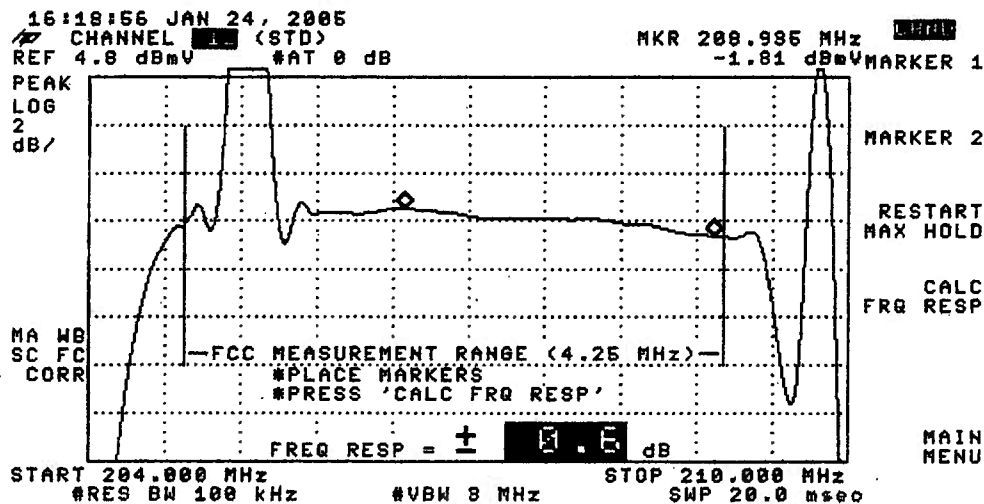
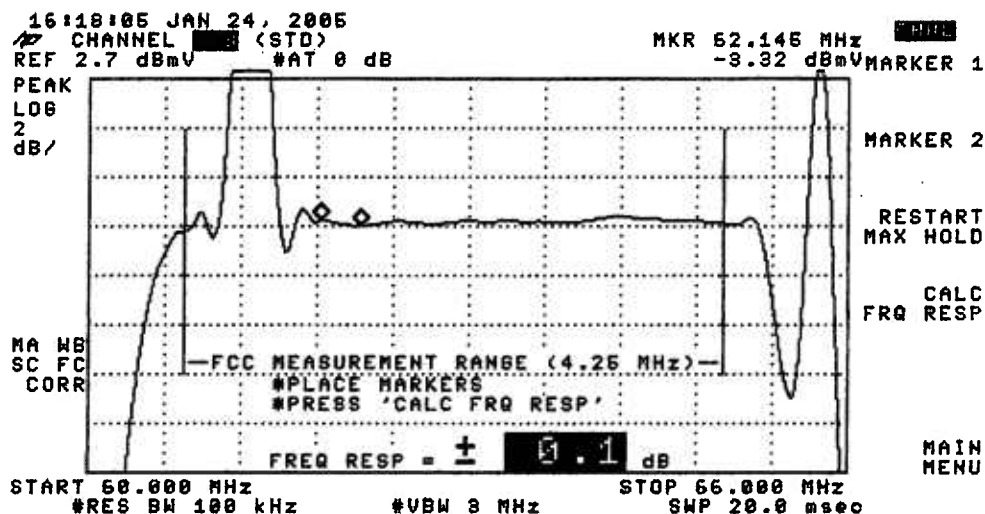
AVERAGE
 ON OFF

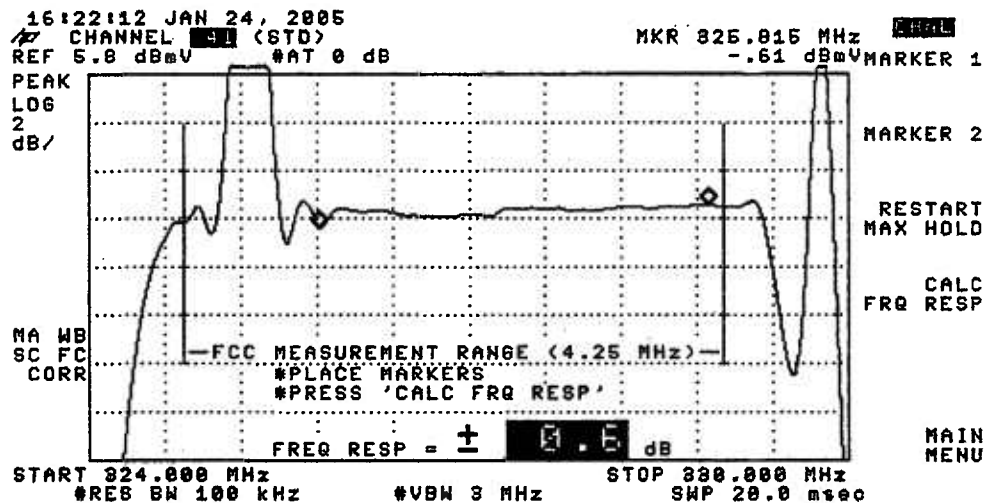
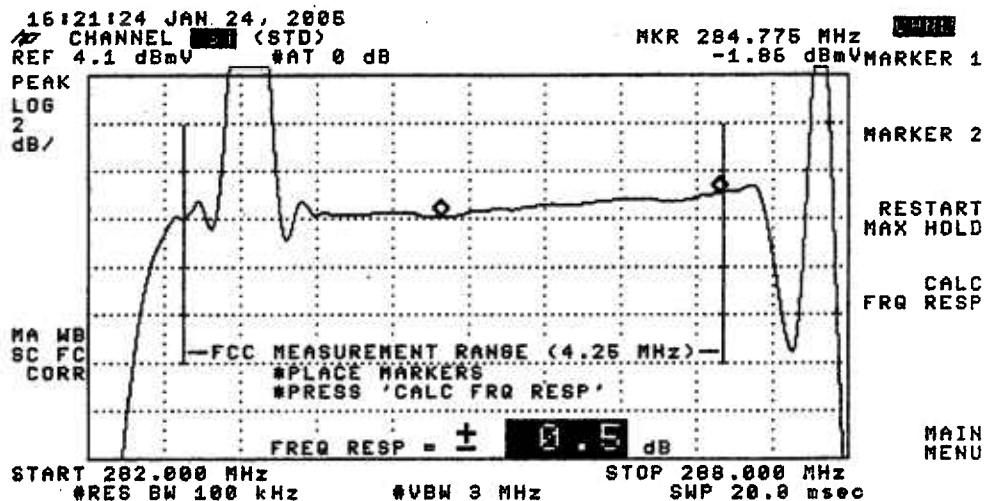
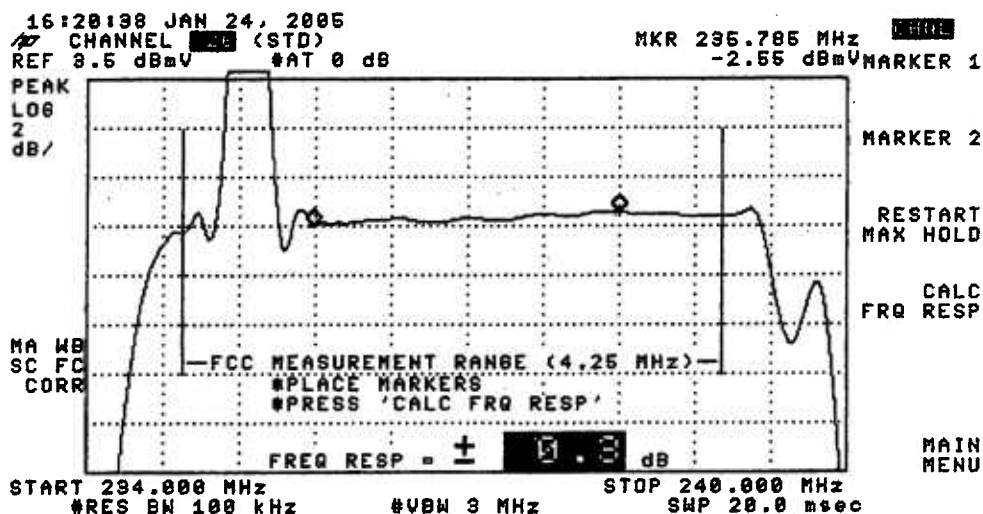
ZOOM &
 MEASURE

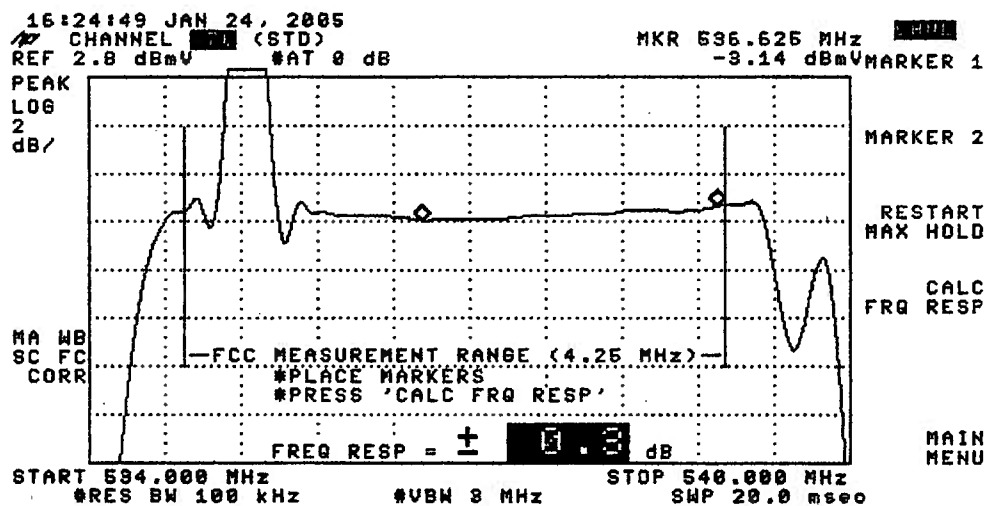
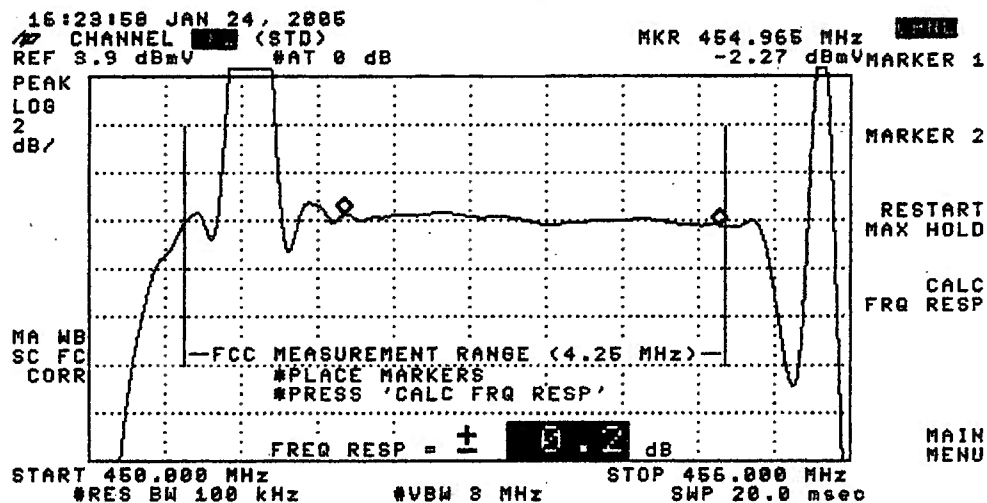
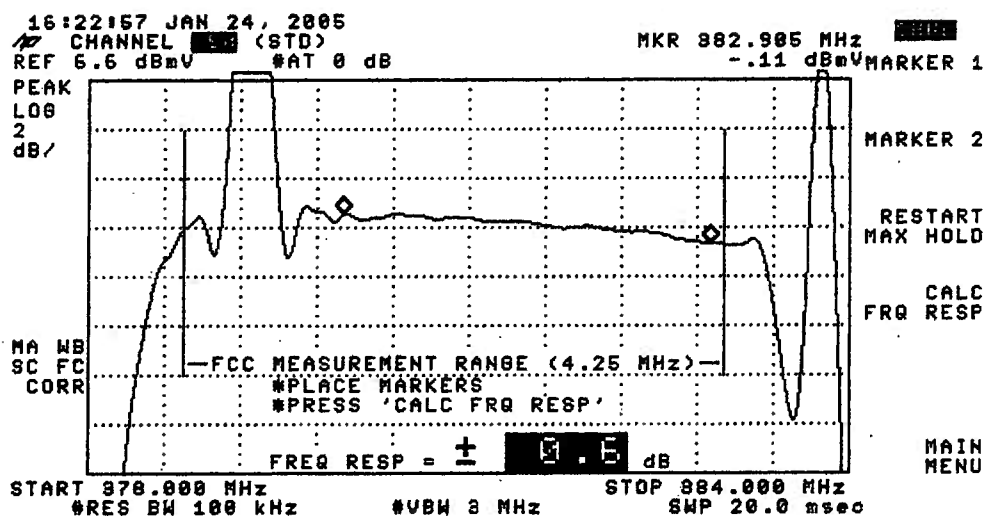
Gated
 CTB

More

MAIN
 MENU







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

System Name : Watertown
 Date : 01/12/2005
 Meter Serial Number : 4040001

Test Location : Limburg Forks Rd/Carthage
 Performed By : Denis Rhubarb

		TEMP F						TEMP F					
		27.00	39.20	41.00	48.20			27.00	39.20	41.00	48.20		
		TIME						TIME					
		10:46:00	16:46:00	22:46:00	04:46:00			10:46:00	16:46:00	22:46:00	04:46:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	15.3	15.4	16.3	15.0	1.3	DD (40)	319.2625	20.5	20.4	20.2	19.5	1
3	61.2500	16.7	16.6	16.3	16.0	0.7	EE (41)	325.2625	20.6	19.8	20.1	19.7	0.9
4	67.2500	15.9	15.8	15.0	15.3	0.9	FF (42)	331.2750	21.2	20.0	20.5	20.2	1.2
5	77.2500	15.4	14.9	14.7	15.8	1.1	GG (43)	337.2625	20.7	21.0	20.4	20.4	0.6
6	83.2500	14.9	14.4	14.8	14.2	0.7	HH (44)	343.2625	21.0	21.7	20.9	20.9	0.8
A-5 (95)	91.2500						II (45)	349.2625	21.6	21.9	22.0	21.2	0.8
A-4 (96)	97.2500	16.8	16.9	16.7	16.1	0.8	JJ (46)	355.2625	21.9	21.1	21.2	21.1	0.8
A-3 (97)	103.2500	15.4	15.4	15.1	14.9	0.5	KK (47)	361.2625					
A-2 (98)	109.2750	16.6	16.4	15.6	15.9	1	LL (48)	367.2625	22.1	21.2	21.8	21.0	1.1
A-1 (99)	115.2750	17.0	16.6	16.8	16.6	0.4	MM (49)	373.2625	20.1	20.0	19.2	20.0	0.9
A (14)	121.2625	16.2	16.3	16.4	16.4	0.2	NN (50)	379.2625	21.3	21.1	20.4	20.9	0.9
B (15)	137.2625	17.0	17.3	16.9	16.1	1.2	OO (51)	385.2625	20.9	21.3	22.0	20.9	1.1
C (16)	133.2625	17.1	17.0	16.5	16.2	0.9	PP (52)	391.2625	21.6	21.1	21.4	20.7	0.9
D (17)	139.2500	17.4	17.4	16.9	16.8	0.6	QQ (53)	397.2625	21.2	20.2	21.0	20.1	1.1
E (18)	145.2500	18.1	17.6	18.0	17.6	0.5	RR (54)	403.2500	21.1	21.1	20.6	20.0	1.1
F (19)	151.3210	17.1	17.2	17.5	16.7	0.8	SS (55)	409.2500	20.9	21.1	20.3	20.6	0.8
G (20)	157.2500	17.6	18.0	17.8	16.9	1.1	TT (56)	415.2500	19.4	21.0	20.3	20.3	1.6
H (21)	163.2500	17.5	17.9	17.5	17.0	0.9	UU (57)	421.2500	21.1	20.6	21.1	20.6	0.5
I (22)	169.2500	17.9	17.8	17.0	17.4	0.9	VV (58)	427.2500	21.1	19.5	20.5	19.3	1.8
7	175.2500	17.7	17.2	17.5	17.1	0.6	WW (59)	433.2500	20.8	20.3	20.2	19.7	1.1
8	181.2500	17.6	17.5	17.9	16.9	1	XX (60)	439.2500	19.1	21.4	20.5	20.6	2.3
9	187.2500	18.6	18.9	18.7	18.2	0.7	YY (61)	445.2500	19.4	20.7	19.3	20.0	1.4
10	193.2500	18.1	18.5	18.2	17.9	0.6	ZZ (62)	451.2500	19.7	19.7	20.0	19.6	0.4
11	199.2500	18.5	18.4	17.6	17.9	0.9	63	457.2500	20.3	19.0	20.1	18.9	1.4
12	205.2500	17.9	17.2	17.3	17.1	0.8	64	463.2500	21.2	20.3	20.6	19.8	1.4
13	211.2500	16.2	17.8	18.2	17.4	2	65	469.2500	19.9	20.1	19.6	19.3	0.8
J (23)	217.2500	17.5	18.1	17.9	17.3	0.8	66	475.2500	19.3	20.1	18.6	19.4	1.5
K (24)	223.2500	17.5	17.8	17.4	17.1	0.7	67	481.2500	18.7	18.6	18.6	18.6	0.1
L (25)	229.2625	17.5	17.5	17.1	16.8	0.7	68	487.2500	19.2	18.1	18.8	18.0	1.2
M (26)	235.2625	17.1	16.9	16.7	17.0	0.4	69	493.2500	20.0	18.9	19.3	18.5	1.5
N (27)	241.2625	17.3	16.7	17.0	16.7	0.6	70	499.2500	20.6	19.3	18.9	18.6	2
O (28)	247.2625	16.7	17.2	17.2	16.7	0.5	71	505.2500	19.1	19.7	18.9	19.1	0.8
P (29)	253.2625	16.7	17.2	16.9	16.9	0.5	72	511.2500	17.5	17.6	16.6	17.7	1.1
Q (30)	259.2625	17.7	17.7	17.5	17.1	0.6	73	517.2500	18.2	17.4	17.4	17.6	0.8
R (31)	265.2625	17.7	17.1	16.9	17.0	0.8	74	523.2500	18.0	17.6	18.0	16.9	1.1
S (32)	271.2625	17.5	16.8	16.7	16.5	1	75	529.2500	17.9	17.7	17.8	17.3	0.6
T (33)	277.2625	17.0	17.6	17.7	16.7	1	76	535.2500	17.8	17.4	17.5	17.2	0.6
U (34)	283.2625	17.2	17.6	17.5	17.1	0.5	77	541.2500	15.4	15.4	15.4	15.4	
V (35)	289.2625	17.9	17.7	17.8	17.3	0.6	78	547.2500	16.4	16.0	15.9	16.3	0.5
W (36)	295.2625	19.0	18.5	18.4	18.0	1	79	553.2500					
AA (37)	301.2625	19.1	18.3	18.3	17.7	1.4	80	559.2500					
BB (38)	307.2625	18.9	19.3	19.1	18.3	1	81	565.2500					
CC (39)	313.2625	18.8	19.5	19.4	18.6	0.9							

Max Non Adjacent Channel Level Diff :- 7.5
 Max Adjacent Channel Level Diff :- 2.6
 Max Variance from last proof of performance test :- N/A
 Date of last proof of performance test :- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	12
Hub Name	:	Philadelphia
Location	:	Main St./Antwerp
Map Number	:	479-6052
Pole Number	:	37/2
D.T. Value	:	17-2 port
OR Number	:	614
GNA Cascade	:	4
LE Cascade	:	0

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : Main St./Antwerp
Date : 01/12/2005 Time : 10:54:00

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	14.6	-0.1		14.7	DD (40)	319.2625	14.2	-0.1		14.3
3	61.2500	14.8	-0.3		15.1	EB (41)	325.2625	14.0	-0.3		14.3
4	67.2500	14.2	-0.2		14.4	FF (42)	331.2750	14.0	-0.6		14.6
5	77.2500	14.4	-0.4		14.8	GG (43)	337.2625	14.1	0.2		13.9
6	83.2500	14.4	-0.3		14.7	HH (44)	343.2625	14.2	0.0		14.2
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.6	-0.4		15
A-4 (96)	97.2500	14.0	-0.5		14.5	JJ (46)	355.2625	14.0	-0.6		14.6
A-3 (97)	103.2500	11.9	-2.4		14.3	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	13.6	-1.8		15.4	LL (48)	367.2625	14.1	-0.6		14.7
A-1 (99)	115.2750	13.2	-1.1		14.3	MM (49)	373.2625	13.5	-0.9		14.4
A (14)	121.2625	12.3	-1.7		14	NN (50)	379.2625	14.6	1.1		13.5
B (15)	127.2625	12.9	-1.5		14.4	OO (51)	385.2625	14.0	-0.3		14.3
C (16)	133.2625	13.1	-0.5		13.6	PP (52)	391.2625	13.8	-0.5		14.3
D (17)	139.2500	12.9	-1.7		14.6	QQ (53)	397.2625	13.3	-0.4		13.7
E (18)	145.2500	13.4	-1.5		14.9	RR (54)	403.2500	13.1	-1.1		14.2
F (19)	151.3210	12.9	-1.7		14.6	SS (55)	409.2500	13.4	-2.0		15.4
G (20)	157.2500	12.1	-1.8		13.9	TT (56)	415.2500	13.0	-1.1		14.1
H (21)	163.2500	12.7	-1.1		13.8	UU (57)	421.2500	13.1	-1.4		14.5
I (22)	169.2500	12.7	-1.3		14	VV (58)	427.2500	12.7	-0.5		13.2
7	175.2500	12.9	-1.9		14.8	WW (59)	433.2500	13.6	-1.6		15.2
8	181.2500	13.0	-1.0		14	XX (60)	439.2500	13.5	-0.7		14.2
9	187.2500	14.6	-0.2		14.8	YY (61)	445.2500	13.9	-1.0		14.9
10	193.2500	14.5	0.8		13.7	ZZ (62)	451.2500	14.2	-0.6		14.8
11	199.2500	15.9	2.6		13.3	63	457.2500	14.4	-0.8		15.2
12	205.2500	14.0	0.0		14	64	463.2500	15.3	0.8		14.5
13	211.2500	14.6	0.0		14.6	65	469.2500	15.4	1.4		14
J (23)	217.2500	13.1	-0.4		13.5	66	475.2500	15.3	1.5		13.8
K (24)	223.2500	13.2	-0.5		13.7	67	481.2500	15.7	1.7		14
L (25)	229.2625	13.1	-0.9		14	68	487.2500	15.4	1.5		13.9
M (26)	235.2625	13.8	-1.3		15.1	69	493.2500	15.9	1.9		14
N (27)	241.2625	13.8	-1.1		14.9	70	499.2500	16.4	1.7		14.7
O (28)	247.2625	13.0	-1.5		14.5	71	505.2500	16.5	1.6		14.9
P (29)	253.2625	11.8	-2.6		14.4	72	511.2500	15.8	1.3		14.5
Q (30)	259.2625	14.2	0.3		13.9	73	517.2500	16.9	2.9		14
R (31)	265.2625	14.8	0.0		14.8	74	523.2500	16.8	2.9		13.9
S (32)	271.2625	14.9	0.0		14.9	75	529.2500	17.4	3.8		13.6
T (33)	277.2625	15.0	0.4		14.6	76	535.2500	17.4	2.2		15.2
U (34)	283.2625	14.5	0.4		14.1	77	541.2500	17.1	1.9		15.2
V (35)	289.2625	14.0	0.6		13.4	78	547.2500	17.5	2.4		15.1
W (36)	295.2625	14.7	0.0		14.7	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	14.1	-0.5		14.6	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	13.9	-0.7		14.6	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.5	-0.2		13.7						

Min Channel	:	P(29)	11.8
Max Channel	:	78	17.5
Peak to Valley	:	5.7	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/20/2005

Performed By : Mark Favret

Location : Main St./Antwerp

(SEE THE ATTACHED SWEEP TRACES)

11:51:14 JAN 20, 2005

CHANNEL 1 (STD)

MKR Δ 125.00 μ sec

CHNL

REF 10.0 dBmV

AT 10 dB

-0.02 dB

PEAK
LOG
1
dB/

WA SB
SC FC
CORR

HUM/LOW FREQ DISTURBANCES = 0.3%

Video Modulation: OFF

MORE
INFO

MAIN
MENU

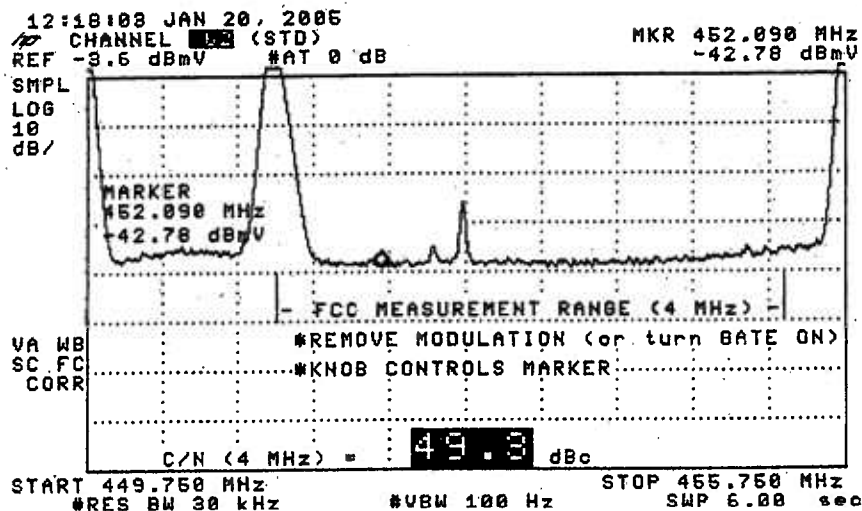
START 61.240 MHz

#RES BW 1.0 MHz

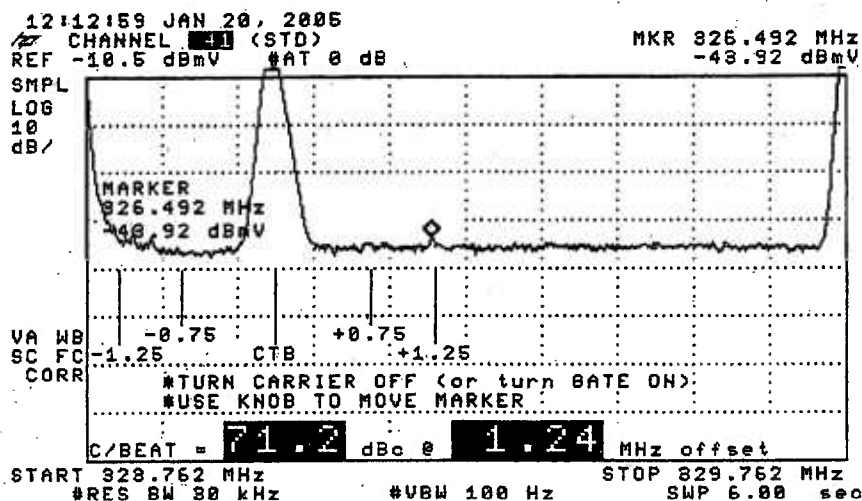
#VBW 1 kHz

STOP 61.240 MHz

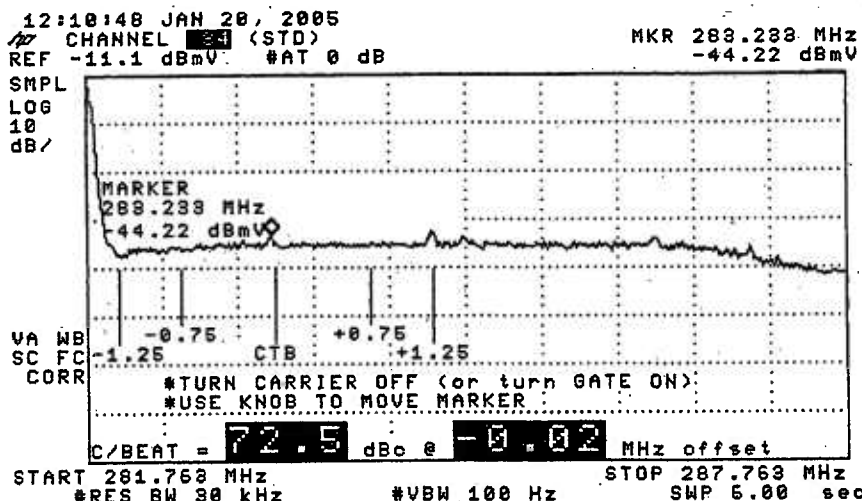
#SWP 50.0 msec



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



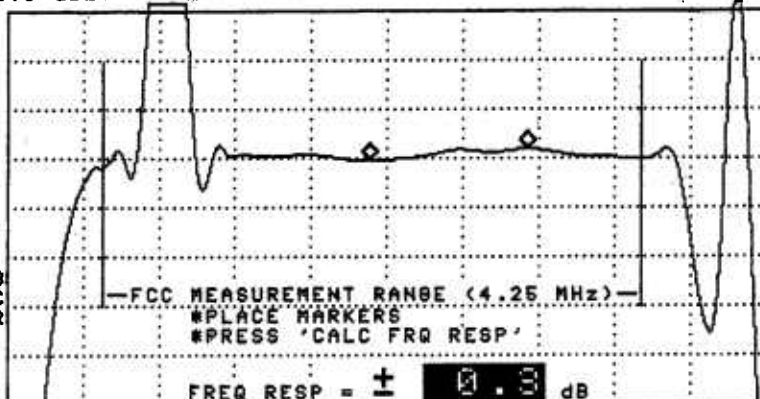
CHNL
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

12:22:58 JAN 20, 2005
 CHANNEL 13 (STD)
 REF 1.0 dBmV #AT 0 dB

MKR 62.865 MHz
 -5.13 dBmV MARKER 1

PEAK
 LOG
 2
 dB/

MA WB
 SC FC
 CORR



MARKER 2

RESTART
 MAX HOLD

CALC
 FRQ RESP

MAIN
 MENU

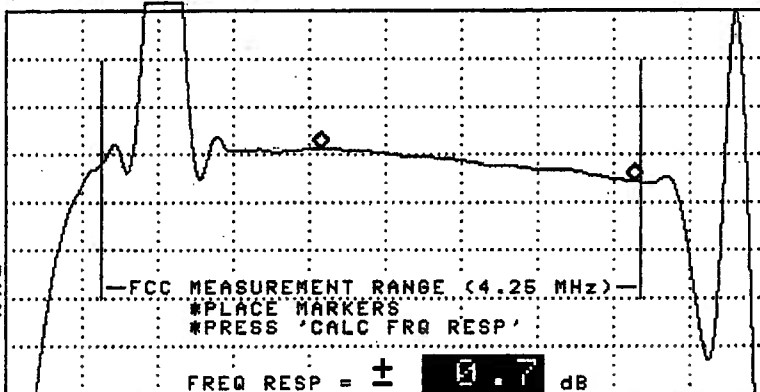
START 60.000 MHz STOP 66.000 MHz
 #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

12:29:52 JAN 20, 2005
 CHANNEL 13 (STD)
 REF 4.7 dBmV #AT 0 dB

MKR 208.965 MHz
 -2.48 dBmV MARKER 1

PEAK
 LOG
 2
 dB/

MA WB
 SC FC
 CORR



MARKER 2

RESTART
 MAX HOLD

CALC
 FRQ RESP

MAIN
 MENU

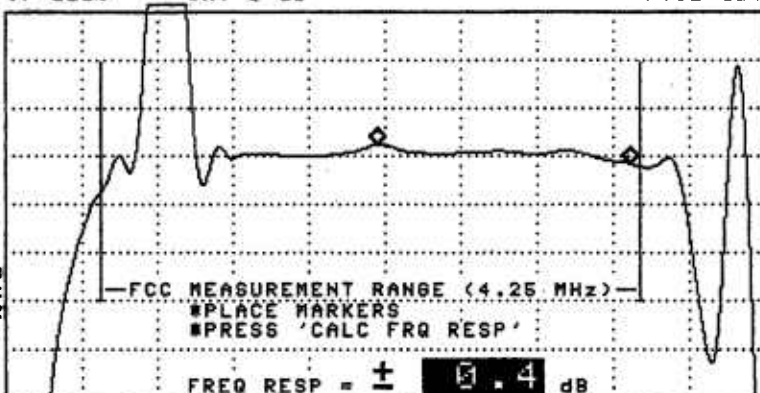
START 204.000 MHz STOP 210.000 MHz
 #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

12:25:11 JAN 20, 2005
 CHANNEL 13 (STD)
 REF -1.7 dBmV #AT 0 dB

MKR 138.985 MHz
 -7.01 dBmV MARKER 1

PEAK
 LOG
 2
 dB/

MA WB
 SC FC
 CORR



MARKER 2

RESTART
 MAX HOLD

CALC
 FRQ RESP

MAIN
 MENU

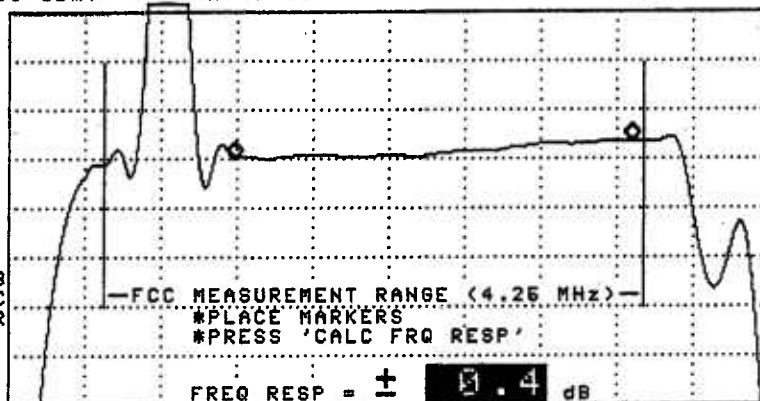
START 126.000 MHz STOP 132.000 MHz
 #RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

12:26:02 JAN 20, 2005
CHANNEL 3 (STD)
REF 0.6 dBmV #AT 0 dB

MKR 295.785 MHz
-5.39 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

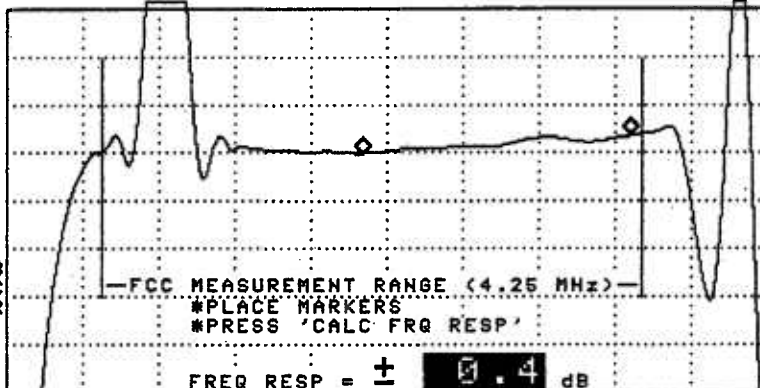
START 294.000 MHz STOP 240.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

12:26:50 JAN 20, 2005
CHANNEL 3 (STD)
REF 1.8 dBmV #AT 0 dB

MKR 284.805 MHz
-4.29 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

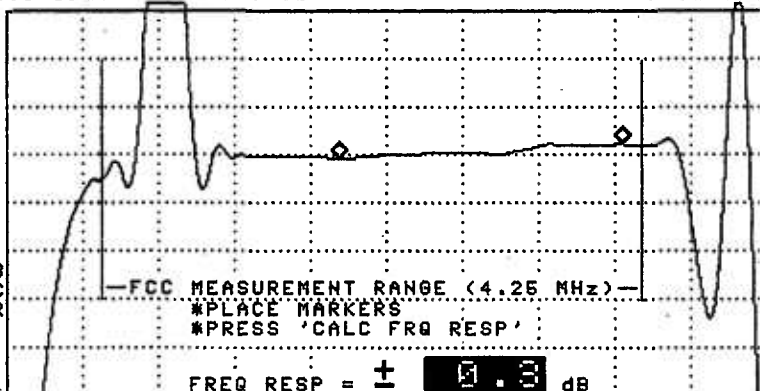
START 282.000 MHz STOP 288.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

12:27:57 JAN 20, 2005
CHANNEL 4 (STD)
REF 2.6 dBmV #AT 0 dB

MKR 826.625 MHz
-3.58 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 824.000 MHz STOP 830.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

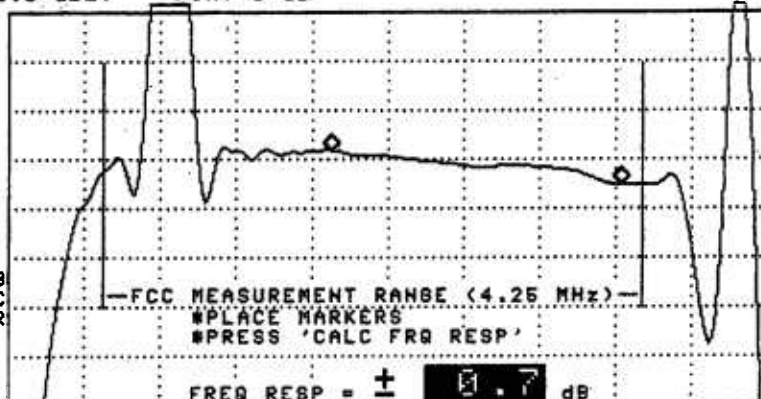
12:29:19 JAN 20, 2005

CHANNEL 5 (STD)
REF 2.6 dBmV #AT 0 dB

MKR 882.845 MHz
-4.61 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 378.000 MHz STOP 384.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 mseg

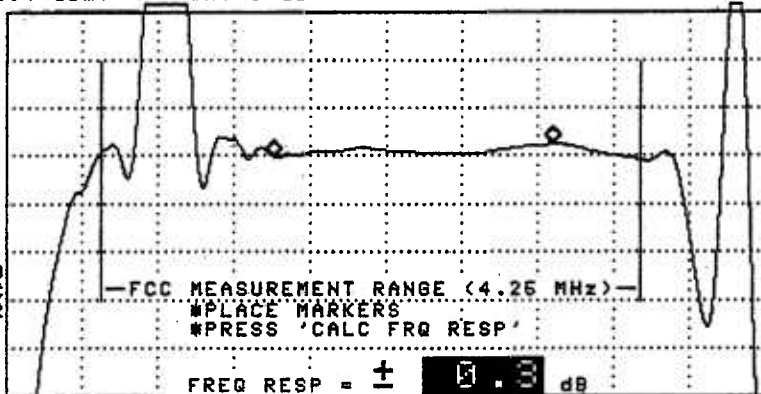
12:30:16 JAN 20, 2005

CHANNEL 5 (STD)
REF 1.4 dBmV #AT 0 dB

MKR 452.115 MHz
-4.63 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 450.000 MHz STOP 456.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 mseg

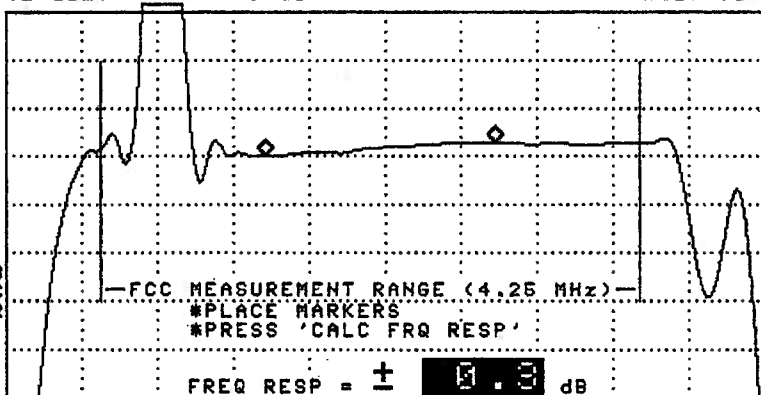
12:31:20 JAN 20, 2005

CHANNEL 5 (STD)
REF 7.2 dBmV #AT 0 dB

MKR 536.055 MHz
1.15 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 534.000 MHz STOP 540.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 mseg

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown Test Location : Main St./Antwerp
 Date : 01/12/2005 Performed By : Denis Rhubart
 Meter Serial Number : 2370393

		TEMP F						TEMP F					
		37.00	39.20	41.00	48.20			37.00	39.20	41.00	48.20		
		TIME						TIME					
		10:54:00	16:53:00	22:53:00	04:53:00			10:54:00	16:53:00	22:53:00	04:53:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	14.6	14.4	14.8	14.1	0.7	DD (40)	319.2625	14.2	14.6	14.5	14.1	0.5
3	61.2500	14.8	14.9	14.8	14.5	0.4	EE (41)	325.2625	14.0	13.9	14.2	13.7	0.3
4	67.2500	14.2	14.5	14.3	13.9	0.6	FF (42)	331.2750	14.0	13.9	13.9	13.7	0.3
5	77.2500	14.4	14.5	14.0	13.2	1.3	GG (43)	337.2625	14.1	14.2	13.9	13.7	0.5
6	83.2500	14.4	14.6	14.4	13.3	1.3	HH (44)	343.2625	14.2	14.5	14.3	14.0	0.5
A-5 (95)	91.2500						II (45)	349.2625	14.6	14.3	14.1	13.7	0.9
A-4 (96)	97.2500	14.0	14.4	14.1	13.8	0.6	JJ (46)	355.2625	14.0	13.5	13.5	13.3	0.7
A-3 (97)	103.2500	11.9	12.2	12.1	11.9	0.3	KK (47)	361.2625					
A-2 (98)	109.2750	13.6	13.5	13.1	13.0	0.6	LL (48)	367.2625	14.1	13.4	13.1	13.2	1
A-1 (99)	115.2750	13.2	13.2	12.9	13.0	0.3	MM (49)	373.2625	13.5	13.1	12.2	12.4	1.3
A (14)	121.2625	12.3	13.0	13.0	12.4	0.7	NN (50)	379.2625	14.6	13.7	13.7	13.2	1.4
B (15)	127.2625	12.9	13.4	13.2	12.7	0.7	OO (51)	385.2625	14.0	14.2	14.7	13.8	0.9
C (16)	133.2625	13.1	13.0	12.8	12.5	0.6	PP (52)	391.2625	13.8	13.8	13.5	13.3	0.5
D (17)	139.2500	12.9	13.3	12.9	12.8	0.5	QQ (53)	397.2625	13.3	12.9	13.0	12.5	0.8
E (18)	145.2500	13.4	13.9	13.7	13.4	0.5	RR (54)	403.2500	13.1	13.1	12.8	12.6	0.5
F (19)	151.3210	12.9	13.2	13.1	13.0	0.3	SS (55)	409.2500	13.4	12.6	12.5	12.3	1.1
G (20)	157.2500	12.1	12.4	12.5	12.4	0.4	TT (56)	415.2500	13.0	12.3	12.0	11.9	1.1
H (21)	163.2500	12.7	12.9	12.8	12.6	0.3	UU (57)	421.2500	13.1	13.1	12.8	12.4	0.7
I (22)	169.2500	12.7	13.3	13.1	12.7	0.6	VV (58)	427.2500	12.7	12.1	12.1	11.8	0.9
7	175.2500	12.9	13.2	13.0	12.6	0.6	WW (59)	433.2500	13.6	13.2	13.1	13.1	0.5
8	181.2500	13.0	13.2	13.1	12.9	0.3	XX (60)	439.2500	13.5	13.8	13.6	13.1	0.7
9	187.2500	14.6	14.6	14.3	13.8	0.8	YY (61)	445.2500	13.9	13.9	13.7	13.4	0.5
10	193.2500	14.5	14.7	14.5	14.3	0.4	ZZ (62)	451.2500	14.2	13.7	13.1	12.8	1.4
11	199.2500	15.9	15.4	16.2	15.0	1.2	63	457.2500	14.4	13.8	13.9	13.5	0.9
12	205.2500	14.0	15.9	16.0	15.6	2	64	463.2500	15.3	14.9	14.6	14.6	0.7
13	211.2500	14.6	14.7	14.0	13.6	1.1	65	469.2500	15.4	15.4	15.3	15.0	0.4
J (23)	217.2500	13.1	13.6	13.4	13.0	0.6	66	475.2500	15.3	14.9	14.6	14.3	1
K (24)	223.2500	13.2	13.5	13.3	12.9	0.6	67	481.2500	15.7	14.9	14.9	14.5	1.3
L (25)	229.2625	13.1	13.3	13.3	12.9	0.4	68	487.2500	15.4	14.7	14.4	13.9	1.5
M (26)	235.2625	13.8	13.7	13.8	13.4	0.4	69	493.2500	15.9	15.1	14.8	14.8	1.1
N (27)	241.2625	13.8	13.7	13.7	13.2	0.6	70	499.2500	16.4	15.6	14.6	14.0	2.4
O (28)	247.2625	13.0	12.1	12.3	12.9	0.9	71	505.2500	16.5	15.9	15.7	15.6	0.9
P (29)	253.2625	11.8	12.4	12.6	12.9	1.1	72	511.2500	15.8	15.2	14.8	14.6	1.2
Q (30)	259.2625	14.2	14.6	14.7	14.3	0.5	73	517.2500	16.9	16.6	16.2	16.1	0.8
R (31)	265.2625	14.8	14.7	14.6	14.3	0.5	74	523.2500	16.8	16.5	16.2	16.1	0.7
S (32)	271.2625	14.9	14.8	14.7	14.3	0.6	75	529.2500	17.4	16.8	16.5	16.5	0.9
T (33)	277.2625	15.0	15.0	14.9	14.6	0.4	76	535.2500	17.4	16.9	16.4	16.2	1.2
U (34)	283.2625	14.5	14.8	14.3	14.1	0.7	77	541.2500	17.1	16.4	16.0	15.8	1.3
V (35)	289.2625	14.0	14.0	14.0	13.5	0.5	78	547.2500	17.5	17.1	17.0	16.6	0.9
W (36)	295.2625	14.7	14.7	14.6	14.1	0.6	79	553.2500					
AA (37)	301.2625	14.1	13.9	13.9	13.1	1	80	559.2500					
BB (38)	307.2625	13.9	13.4	13.5	13.0	0.9	81	565.2500					
CC (39)	313.2625	13.5	12.4	12.1	12.0	1.5							

Max Non Adjacent Channel Level Diff

:- 5.7

Max Adjacent Channel Level Diff

:- 2.4

Max Variance from last proof of performance test

:- N/A

Date of last proof of performance test

:- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	13
Hub Name	:	Lowville
Location	:	# 3 RD./Lowville
Map Number	:	506-5908
Pole Number	:	28/13
D.T. Value	:	17-4 port
OR Number	:	623
GNA Cascade	:	1
LE Cascade	:	3

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown Test Location : #3 RD./Lowville
 Date : 01/14/2005 Time : 14:53:00

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	15.6	1.9		13.7	DD (40)	319.2625	13.3	-0.1		13.4
3	61.2500	17.4	2.5		14.9	EE (41)	325.2625	13.9	0.1		13.8
4	67.2500	17.0	1.8		15.2	FF (42)	331.2750	15.1	0.7		14.4
5	77.2500	16.6	1.7		14.9	GG (43)	337.2625	15.5	0.7		14.8
6	83.2500	15.3	0.8		14.5	HH (44)	343.2625	14.1	0.5		13.6
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	14.3	-1.0		15.3
A-4 (96)	97.2500	16.8	2.6		14.2	JJ (46)	355.2625	13.6	-0.9		14.5
A-3 (97)	103.2500	15.2	1.5		13.7	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	15.9	0.8		15.1	LL (48)	367.2625	13.3	-1.6		14.9
A-1 (99)	115.2750	15.3	0.9		14.4	MM (49)	373.2625	13.2	-1.6		14.8
A (14)	121.2625	16.0	1.8		14.2	NN (50)	379.2625	12.7	-0.7		13.4
B (15)	127.2625	15.8	1.3		14.5	OO (51)	385.2625	12.7	-1.4		14.1
C (16)	133.2625	15.8	1.5		14.3	PP (52)	391.2625	13.3	-1.2		14.5
D (17)	139.2500	15.4	0.5		14.9	QQ (53)	397.2625	13.1	-1.4		14.5
E (18)	145.2500	15.5	1.3		14.2	RR (54)	403.2500	12.9	-1.2		14.1
F (19)	151.3210	15.4	0.6		14.8	SS (55)	409.2500	12.9	-1.6		14.5
G (20)	157.2500	15.2	0.7		14.5	TT (56)	415.2500	12.9	-1.3		14.2
H (21)	163.2500	15.8	1.1		14.7	UU (57)	421.2500	13.5	-1.3		14.8
I (22)	169.2500	15.3	1.3		14	VV (58)	427.2500	12.6	-1.7		14.3
7	175.2500	15.4	0.6		14.8	WW (59)	433.2500	12.8	-2.4		15.2
8	181.2500	14.9	-0.6		15.5	XX (60)	439.2500	13.4	-1.0		14.4
9	187.2500	15.4	0.6		14.8	YY (61)	445.2500	13.3	-1.3		14.6
10	193.2500	14.8	-0.5		15.3	ZZ (62)	451.2500	13.2	-1.6		14.8
11	199.2500	14.1	0.2		13.9	63	457.2500	12.7	-1.4		14.1
12	205.2500	13.6	-1.0		14.6	64	463.2500	14.0	-1.1		15.1
13	211.2500	13.2	-0.8		14	65	469.2500	13.2	-0.7		13.9
J (23)	217.2500	13.4	-0.7		14.1	66	475.2500	12.9	-1.5		14.4
K (24)	223.2500	13.1	-0.9		14	67	481.2500	12.5	-1.6		14.1
L (25)	229.2625	12.8	-1.4		14.2	68	487.2500	12.2	-1.8		14
M (26)	235.2625	12.8	-1.9		14.7	69	493.2500	12.1	-1.0		13.1
N (27)	241.2625	13.4	-1.5		14.9	70	499.2500	12.3	-2.1		14.4
O (28)	247.2625	13.0	-1.5		14.5	71	505.2500	12.6	-1.9		14.5
P (29)	253.2625	13.1	-1.2		14.3	72	511.2500	12.1	-2.7		14.8
Q (30)	259.2625	13.4	-1.6		15	73	517.2500	12.9	-1.6		14.5
R (31)	265.2625	13.2	-2.2		15.4	74	523.2500	12.9	-2.1		15
S (32)	271.2625	12.7	-0.7		13.4	75	529.2500	12.9	-2.4		15.3
T (33)	277.2625	12.9	-1.6		14.5	76	535.2500	13.2	-1.0		14.2
U (34)	283.2625	12.5	-0.9		13.4	77	541.2500	12.6	-2.4		15
V (35)	289.2625	12.7	-1.1		13.8	78	547.2500	12.6	-2.2		14.8
W (36)	295.2625	13.1	-1.3		14.2	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	12.9	-1.3		14.2	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	13.3	-1.1		14.4	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	13.5	-0.6		14.1						

Min Channel	:	89	12.1
Max Channel	:	3	17.4
Peak to Valley	:	5.3	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : # 3 RD./Lowville

Date : 01/24/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/24/2005

Performed By : Mark Favret

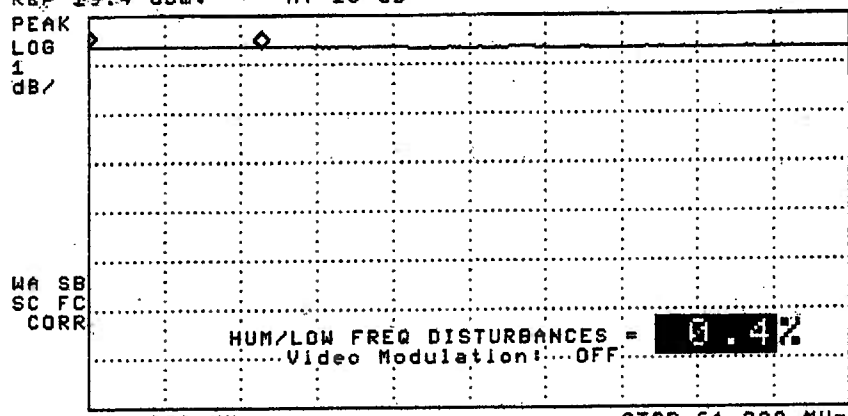
Location : # 3 RD./Lowville

(SEE THE ATTACHED SWEEP TRACES)

11:04:11 JAN 24, 2005
CHANNEL 3 (STD)
REF 19.4 dBmV AT 10 dB

MKR Δ 11.975 msec
- .02 dB

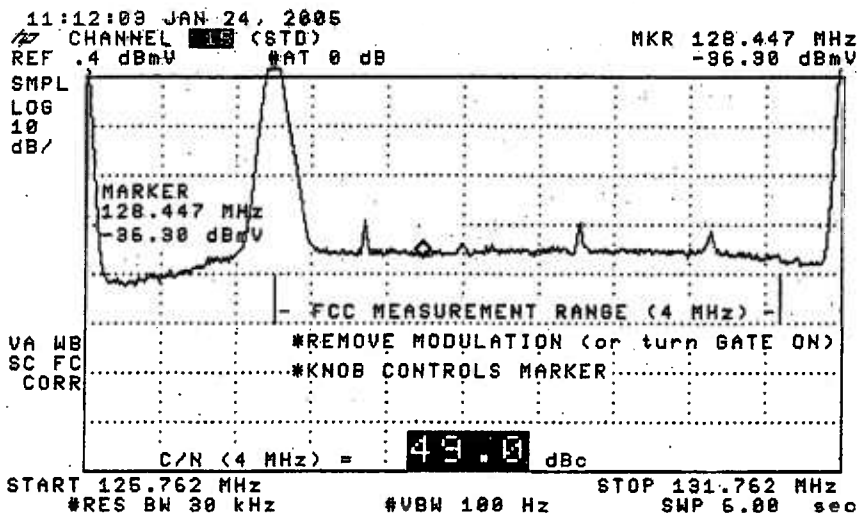
CHNL



START 61.238 MHz #RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec
STOP 61.238 MHz

MORE
INFO

MAIN
MENU



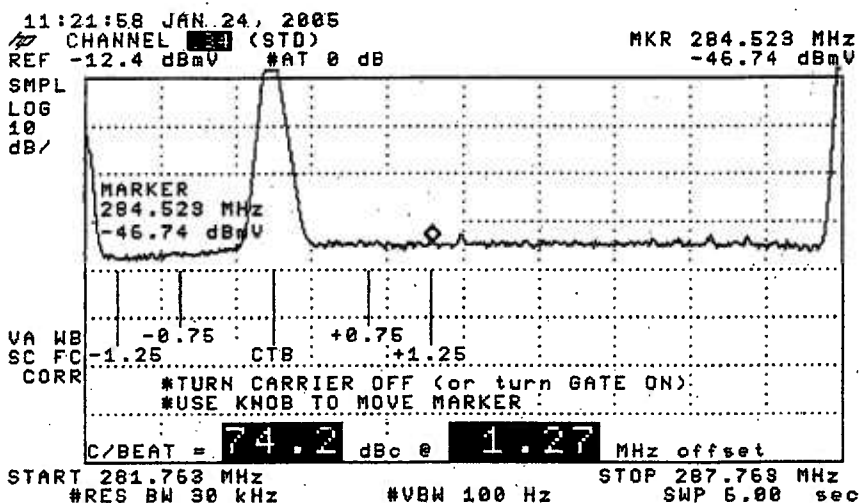
CHNL
 GATE ON OFF

AVERAGE ON OFF

MORE INFO

More

MAIN MENU



CHNL
 GATE ON OFF

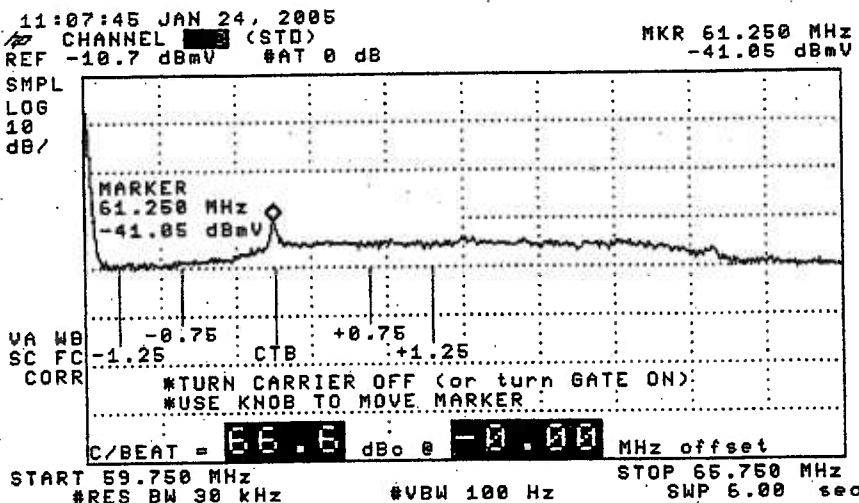
AVERAGE ON OFF

ZOOM & MEASURE

Gated CTB

More

MAIN MENU



CHNL
 GATE ON OFF

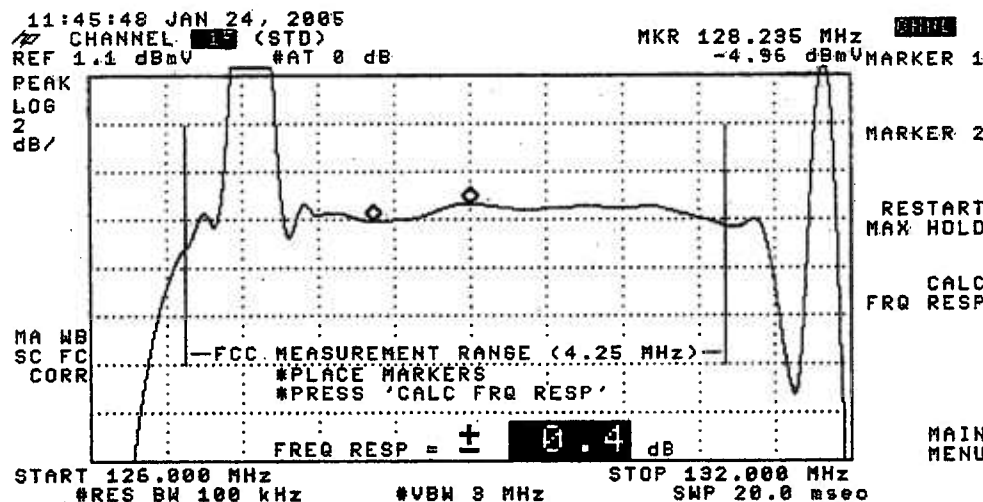
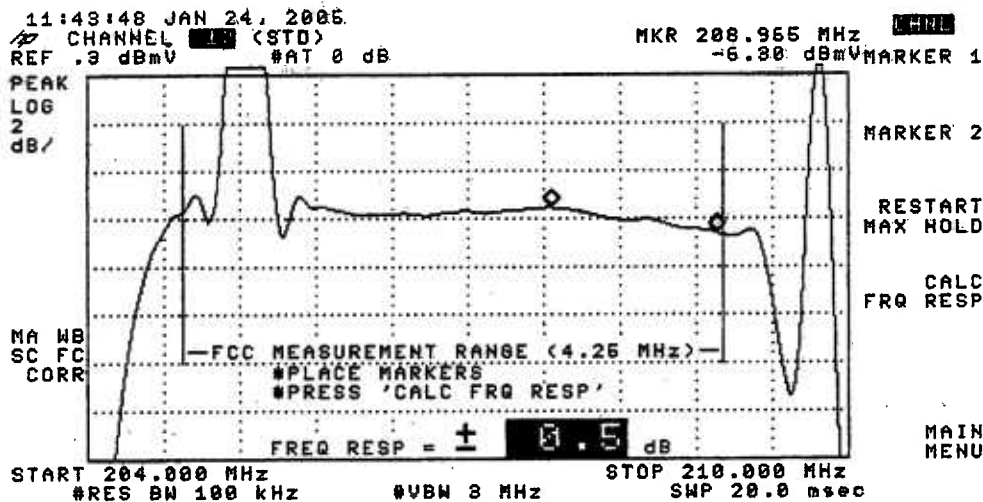
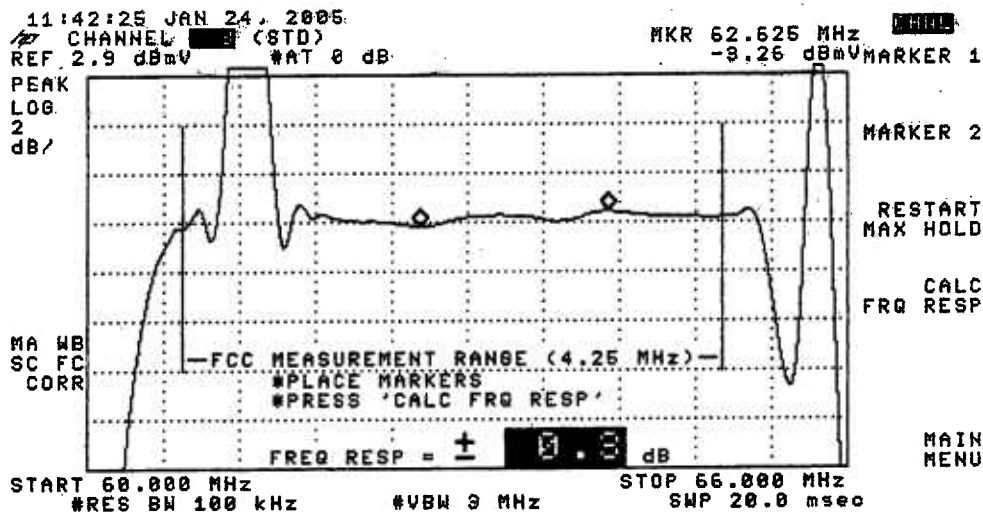
AVERAGE ON OFF

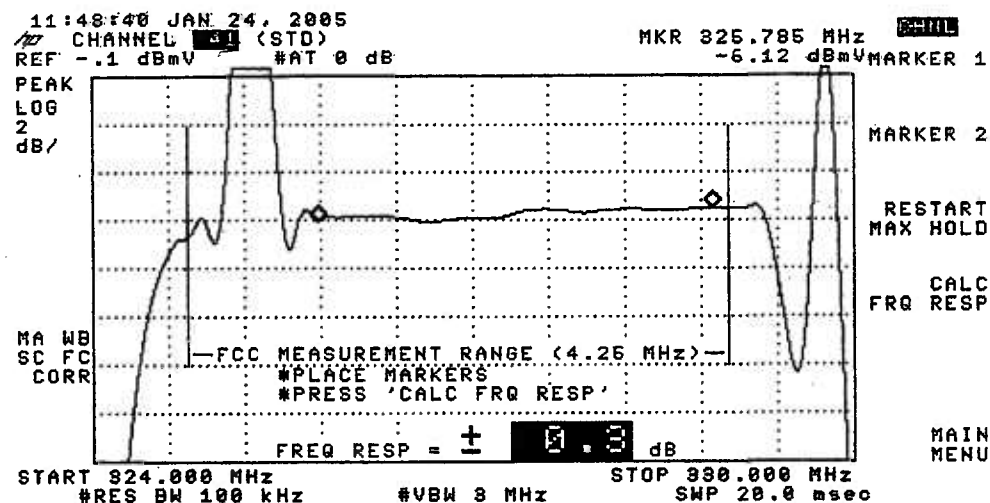
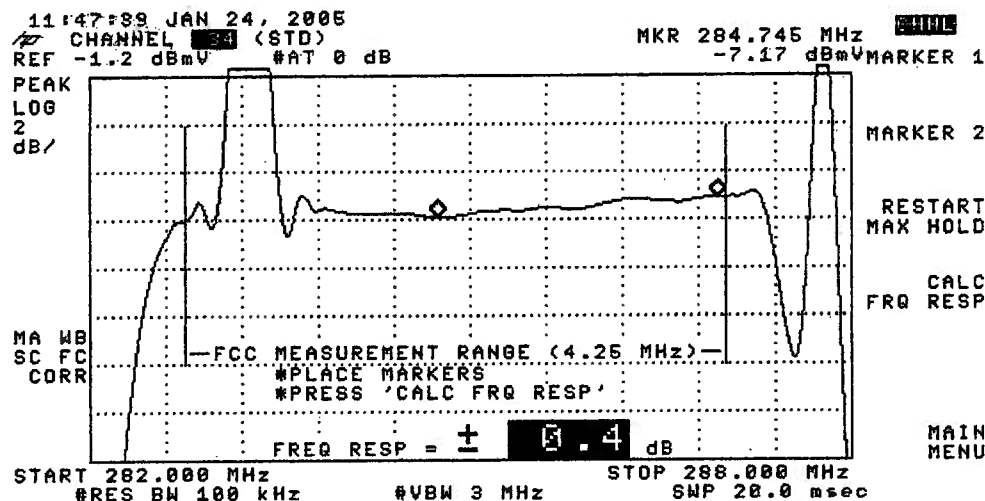
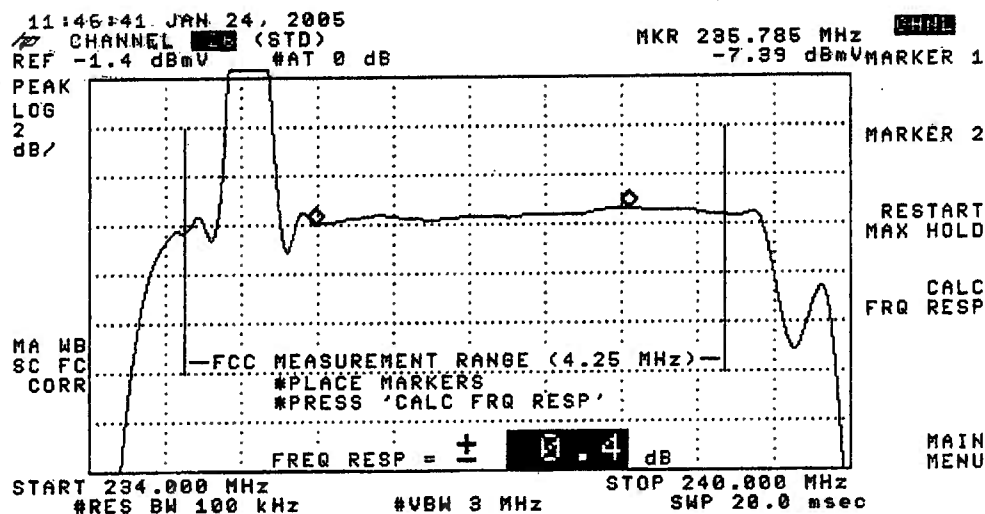
ZOOM & MEASURE

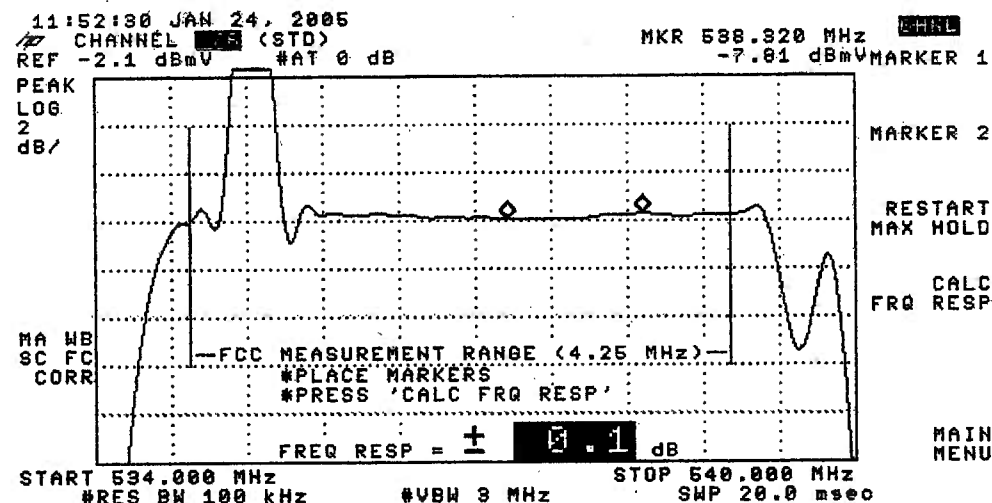
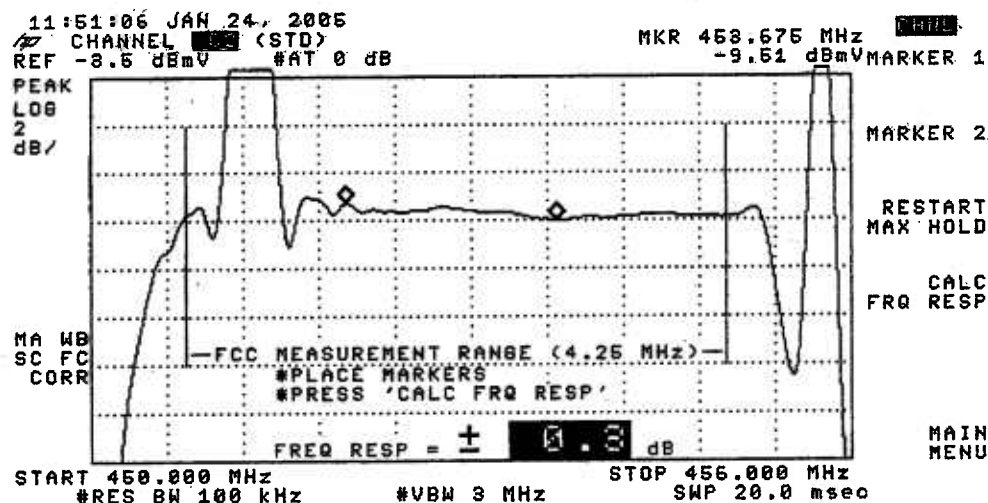
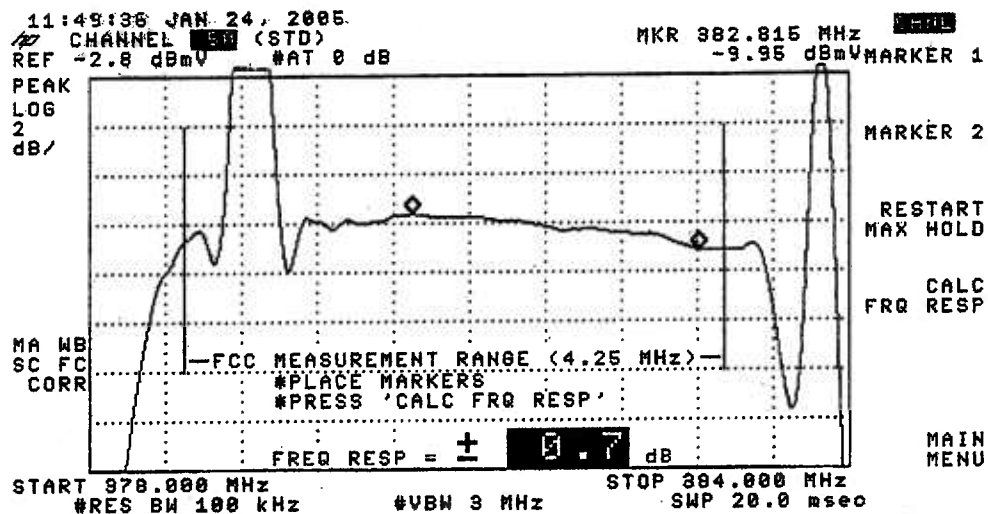
Gated CTB

More

MAIN MENU







TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/14/2005
 Meter Serial Number : 4040001

Test Location : # 3 RD./Lowville
 Performed By : Denis Rhubar

		TEMP F					TEMP F					TEMP F								
		32.00	28.40	23.00	21.20				32.00	28.40	23.00	21.20				32.00	28.40	23.00	21.20	
		TIME							TIME							TIME				
		14:53:00	20:53:00	02:53:00	08:53:00				14:53:00	20:53:00	02:53:00	08:53:00				14:53:00	20:53:00	02:53:00	08:53:00	
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	15.6	15.5	15.6	16.0	0.5	DD (40)	319.2625	13.3	14.0	14.3	14.4	1.1	DD (40)	319.2625	13.3	14.0	14.3	14.4	1.1
3	61.2500	17.4	17.2	17.4	17.4	0.2	EE (41)	325.2625	13.9	14.4	14.4	14.4	0.5	EE (41)	325.2625	13.9	14.4	14.4	14.4	0.5
4	67.2500	17.0	17.0	17.0	17.0		FF (42)	331.2750	15.1	15.3	15.9	15.7	0.8	FF (42)	331.2750	15.1	15.3	15.9	15.7	0.8
5	77.2500	16.6	15.6	15.8	15.8	1	GG (43)	337.2625	15.5	16.2	16.4	16.4	0.9	GG (43)	337.2625	15.5	16.2	16.4	16.4	0.9
6	83.2500	15.3	15.9	15.3	15.2	0.7	HH (44)	343.2625	14.1	14.8	15.0	15.1	1	HH (44)	343.2625	14.1	14.8	15.0	15.1	1
A-5 (95)	91.2500						II (45)	349.2625	14.3	14.6	14.8	14.6	0.5	II (45)	349.2625	14.3	14.6	14.8	14.6	0.5
A-4 (96)	97.2500	16.8	16.9	17.2	17.0	0.4	JJ (46)	355.2625	13.6	12.8	13.1	12.9	0.8	JJ (46)	355.2625	13.6	12.8	13.1	12.9	0.8
A-3 (97)	103.2500	15.2	15.3	15.4	15.4	0.2	KK (47)	361.2625						KK (47)	361.2625					
A-2 (98)	109.2750	15.9	16.1	16.9	16.2	1	LL (48)	367.2625	13.3	13.9	14.3	14.1	1	LL (48)	367.2625	13.3	13.9	14.3	14.1	1
A-1 (99)	115.2750	15.3	15.5	15.7	15.7	0.4	MM (49)	373.2625	13.2	13.3	14.3	12.4	1.9	MM (49)	373.2625	13.2	13.3	14.3	12.4	1.9
A (14)	121.2625	16.0	14.2	15.8	16.1	1.9	NN (50)	379.2625	12.7	13.5	13.6	13.6	0.9	NN (50)	379.2625	12.7	13.5	13.6	13.6	0.9
B (15)	127.2625	15.8	16.0	16.7	16.1	0.9	OO (51)	385.2625	12.7	13.6	14.2	13.5	1.5	OO (51)	385.2625	12.7	13.6	14.2	13.5	1.5
C (16)	133.2625	15.8	15.9	16.4	16.3	0.6	PP (52)	391.2625	13.3	14.0	14.1	14.1	0.8	PP (52)	391.2625	13.3	14.0	14.1	14.1	0.8
D (17)	139.2500	15.4	15.8	15.7	15.6	0.4	QQ (53)	397.2625	13.1	13.1	13.6	13.8	0.7	QQ (53)	397.2625	13.1	13.1	13.6	13.8	0.7
E (18)	145.2500	15.5	15.9	15.7	15.9	0.4	RR (54)	403.2500	12.9	13.4	13.6	13.5	0.7	RR (54)	403.2500	12.9	13.4	13.6	13.5	0.7
F (19)	151.3210	15.4	15.5	15.7	15.8	0.4	SS (55)	409.2500	12.9	13.3	14.0	13.7	1.1	SS (55)	409.2500	12.9	13.3	14.0	13.7	1.1
G (20)	157.2500	15.2	15.6	16.0	15.9	0.8	TT (56)	415.2500	12.9	13.3	13.6	13.6	0.7	TT (56)	415.2500	12.9	13.3	13.6	13.6	0.7
H (21)	163.2500	15.8	16.1	15.9	16.1	0.3	UU (57)	421.2500	13.5	13.9	14.4	14.2	0.9	UU (57)	421.2500	13.5	13.9	14.4	14.2	0.9
I (22)	169.2500	15.3	15.5	15.8	15.8	0.5	VV (58)	427.2500	12.6	13.3	13.8	13.3	1.2	VV (58)	427.2500	12.6	13.3	13.8	13.3	1.2
7	175.2500	15.4	15.5	16.0	15.9	0.6	WW (59)	433.2500	12.8	13.1	13.4	13.4	0.6	WW (59)	433.2500	12.8	13.1	13.4	13.4	0.6
8	181.2500	14.9	15.2	15.6	15.6	0.7	XX (60)	439.2500	13.4	13.9	14.4	14.2	1	XX (60)	439.2500	13.4	13.9	14.4	14.2	1
9	187.2500	15.4	15.8	15.9	16.1	0.7	YY (61)	445.2500	13.3	13.8	14.2	14.2	0.9	YY (61)	445.2500	13.3	13.8	14.2	14.2	0.9
10	193.2500	14.8	15.3	15.5	15.5	0.7	ZZ (62)	451.2500	13.2	13.8	14.4	14.1	1.2	ZZ (62)	451.2500	13.2	13.8	14.4	14.1	1.2
11	199.2500	14.1	14.5	14.5	14.6	0.5	63	457.2500	12.7	13.5	13.6	14.0	1.3	63	457.2500	12.7	13.5	13.6	14.0	1.3
12	205.2500	13.6	14.1	14.3	14.1	0.7	64	463.2500	14.0	14.3	14.6	14.6	0.6	64	463.2500	14.0	14.3	14.6	14.6	0.6
13	211.2500	13.2	13.5	13.8	14.0	0.8	65	469.2500	13.2	13.7	14.1	14.2	1	65	469.2500	13.2	13.7	14.1	14.2	1
J (23)	217.2500	13.4	13.8	14.1	13.9	0.7	66	475.2500	12.9	13.7	13.9	13.9	1	66	475.2500	12.9	13.7	13.9	13.9	1
K (24)	223.2500	13.1	13.5	13.8	13.8	0.7	67	481.2500	12.5	13.3	13.6	13.4	1.1	67	481.2500	12.5	13.3	13.6	13.4	1.1
L (25)	229.2625	12.8	13.3	13.5	13.4	0.7	68	487.2500	12.2	13.2	13.4	13.0	1.2	68	487.2500	12.2	13.2	13.4	13.0	1.2
M (26)	235.2625	12.8	13.2	13.7	13.5	0.9	69	493.2500	12.1	12.8	13.4	13.3	1.3	69	493.2500	12.1	12.8	13.4	13.3	1.3
N (27)	241.2625	13.4	13.8	14.1	14.2	0.8	70	499.2500	12.3	13.0	13.1	13.1	0.8	70	499.2500	12.3	13.0	13.1	13.1	0.8
O (28)	247.2625	13.0	13.5	13.8	14.0	1	71	505.2500	12.6	13.1	13.4	13.4	0.8	71	505.2500	12.6	13.1	13.4	13.4	0.8
P (29)	253.2625	13.1	13.6	13.8	13.8	0.7	72	511.2500	12.1	12.4	12.8	12.7	0.7	72	511.2500	12.1	12.4	12.8	12.7	0.7
Q (30)	259.2625	13.4	14.2	14.3	14.1	0.9	73	517.2500	12.9	13.7	13.9	13.7	1	73	517.2500	12.9	13.7	13.9	13.7	1
R (31)	265.2625	13.2	13.8	13.9	14.2	1	74	523.2500	12.9	13.8	13.8	13.7	0.9	74	523.2500	12.9	13.8	13.8	13.7	0.9
S (32)	271.2625	12.7	13.5	13.3	13.4	0.8	75	529.2500	12.9	13.3	13.5	13.4	0.6	75	529.2500	12.9	13.3	13.5	13.4	0.6
T (33)	277.2625	12.9	13.4	13.6	13.8	0.9	76	535.2500	13.2	13.7	14.0	13.7	0.8	76	535.2500	13.2	13.7	14.0	13.7	0.8
U (34)	283.2625	12.5	12.8	13.2	13.5	1	77	541.2500	12.6	12.1	12.6	12.2	0.5	77	541.2500	12.6	12.1	12.6	12.2	0.5
V (35)	289.2625	12.7	13.2	13.2	13.3	0.6	78	547.2500	12.6	13.4	13.9	13.4	1.3	78	547.2500	12.6	13.4	13.9	13.4	1.3
W (36)	295.2625	13.1	13.3	13.7	13.2	0.6	79	553.2500						79	553.2500					
AA (37)	301.2625	12.9	13.4	13.8	13.6	0.9	80	559.2500						80	559.2500					
BB (38)	307.2625	13.3	13.5	14.1	13.9	0.8	81	565.2500						81	565.2500					
CC (39)	313.2625	13.5	14.0	14.0	13.9	0.5														

Max Non Adjacent Channel Level Diff

:- 5.3

Max Adjacent Channel Level Diff

:- 1.8

Max Variance from last proof of performance test

:- N/A

Date of last proof of performance test

:- N/A

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

TIME WARNER CABLE - SYRACUSE DIVISION

System Name	:	Watertown
System Test Point #	:	14
Hub Name	:	Lowville
Location	:	River Rd./Lowville
Map Number	:	521-5910
Pole Number	:	39/U
D.T. Value	:	17-2 port
OR Number	:	636
GNA Cascade	:	6
LE Cascade	:	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 : Watertown Test Location : River Rd./Lowville
 Date : 01/14/2005 Time : 15:31:00

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	19.5	5.2		14.3	DD (40)	319.2625	18.3	4.1		14.2
3	61.2500	19.9	6.0		13.9	EB (41)	325.2625	17.9	3.8		14.1
4	67.2500	20.0	5.4		14.6	FF (42)	331.2750	18.0	3.0		15
5	77.2500	18.6	4.2		14.4	GG (43)	337.2625	18.3	4.0		14.3
6	83.2500	18.6	3.5		15.1	HH (44)	343.2625	17.9	3.9		14
A-5 (95)	91.2500	N/A	N/A		N/A	II (45)	349.2625	18.5	3.3		15.2
A-4 (96)	97.2500	19.9	6.0		13.9	JJ (46)	355.2625	17.8	3.3		14.5
A-3 (97)	103.2500	18.6	4.9		13.7	KK (47)	361.2625	N/A	N/A		N/A
A-2 (98)	109.2750	19.4	4.2		15.2	LL (48)	367.2625	17.9	3.2		14.7
A-1 (99)	115.2750	19.1	4.4		14.7	MM (49)	373.2625	17.8	2.8		15
A (14)	121.2625	19.8	6.0		13.8	NN (50)	379.2625	17.8	4.0		13.8
B (15)	127.2625	19.2	5.4		13.8	OO (51)	385.2625	17.5	3.7		13.8
C (16)	133.2625	19.5	6.4		13.1	PP (52)	391.2625	18.0	3.9		14.1
D (17)	139.2500	19.7	5.8		13.9	QQ (53)	397.2625	18.0	4.7		13.3
E (18)	145.2500	21.0	6.4		14.6	RR (54)	403.2500	18.1	3.6		14.5
F (19)	151.3210	20.5	6.0		14.5	SS (55)	409.2500	17.9	3.5		14.4
G (20)	157.2500	20.1	6.2		13.9	TT (56)	415.2500	17.8	3.9		13.9
H (21)	163.2500	20.5	7.4		13.1	UU (57)	421.2500	18.1	4.0		14.1
I (22)	169.2500	20.2	6.5		13.7	VV (58)	427.2500	17.8	3.4		14.4
7	175.2500	20.3	5.8		14.5	WW (59)	433.2500	17.9	3.2		14.7
8	181.2500	20.6	5.9		14.7	XX (60)	439.2500	18.8	4.8		14
9	187.2500	21.3	7.1		14.2	YY (61)	445.2500	18.9	4.7		14.2
10	193.2500	21.5	7.3		14.2	ZZ (62)	451.2500	18.9	4.4		14.5
11	199.2500	21.6	7.8		13.8	63	457.2500	19.4	4.8		14.6
12	205.2500	20.6	5.6		15	64	463.2500	20.0	5.8		14.2
13	211.2500	19.3	4.2		15.1	65	469.2500	19.8	6.8		13
J (23)	217.2500	18.7	4.1		14.6	66	475.2500	19.7	4.9		14.8
K (24)	223.2500	17.3	3.7		13.6	67	481.2500	18.9	4.5		14.4
L (25)	229.2625	17.3	3.6		13.7	68	487.2500	18.8	4.4		14.4
M (26)	235.2625	17.8	3.9		13.9	69	493.2500	18.5	4.7		13.8
N (27)	241.2625	18.6	4.3		14.3	70	499.2500	18.3	4.2		14.1
O (28)	247.2625	19.1	5.4		13.7	71	505.2500	18.7	4.4		14.3
P (29)	253.2625	20.0	6.1		13.9	72	511.2500	17.9	3.7		14.2
Q (30)	259.2625	20.2	5.9		14.3	73	517.2500	18.2	2.8		15.4
R (31)	265.2625	20.1	5.8		14.3	74	523.2500	18.6	4.0		14.6
S (32)	271.2625	20.1	7.0		13.1	75	529.2500	18.1	2.9		15.2
T (33)	277.2625	19.9	5.3		14.6	76	535.2500	17.9	3.1		14.8
U (34)	283.2625	19.3	5.6		13.7	77	541.2500	16.6	2.3		14.3
V (35)	289.2625	19.1	5.1		14	78	547.2500	17.9	2.8		15.1
W (36)	295.2625	19.3	4.7		14.6	79	553.2500	N/A	N/A		N/A
AA (37)	301.2625	18.6	4.3		14.3	80	559.2500	N/A	N/A		N/A
BB (38)	307.2625	18.5	4.4		14.1	81	565.2500	N/A	N/A		N/A
CC (39)	313.2625	18.8	4.5		14.3						

Min Channel	77	16.6
Max Channel	11	21.6
Peak to Valley	5	

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown
Performed By : Mark Favret
Location : River Rd./Lowville

Date : 01/24/2005

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

[illegible]

TIME WARNER CABLE - SYRACUSE DIVISION

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

System Name : Watertown

Date : 01/24/2005

Performed By : Mark Favret

Location : River Rd./Lowville

(SEE THE ATTACHED SWEEP TRACES)

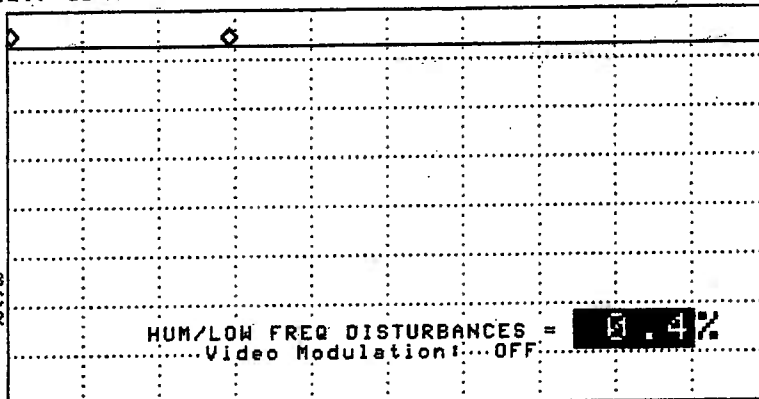
12:24:14 JAN 24, 2005
CHANNEL 3 (STD)
REF 21.7 dBmV AT 10 dB

MKR a 14.875 msec
- .04 dB

CHILL

PEAK
LOG
1
dB/

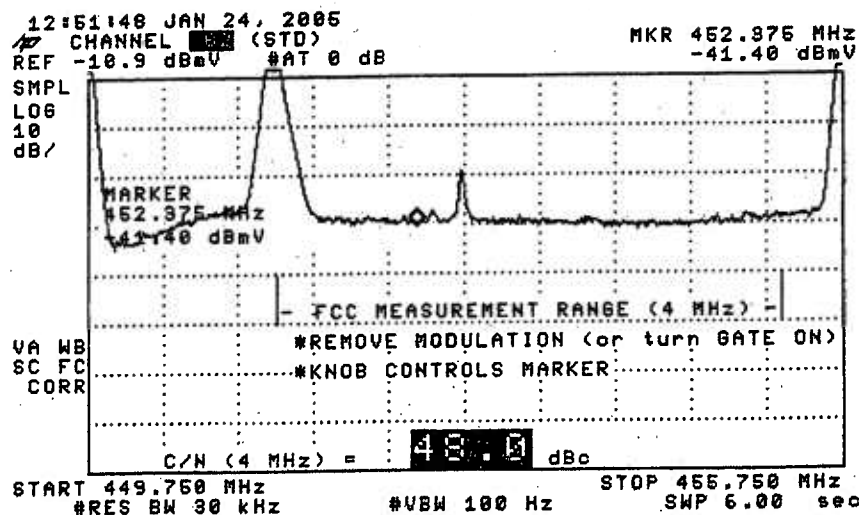
WA SB
SC FC
CORR



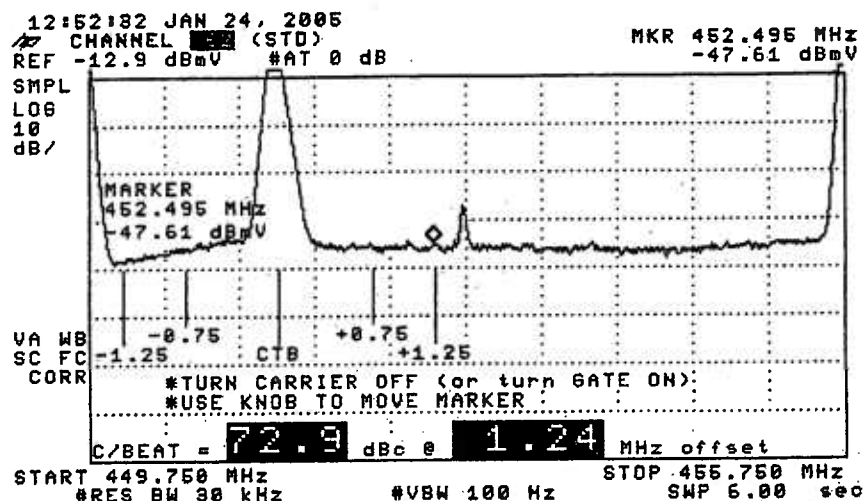
MORE
INFO

MAIN
MENU

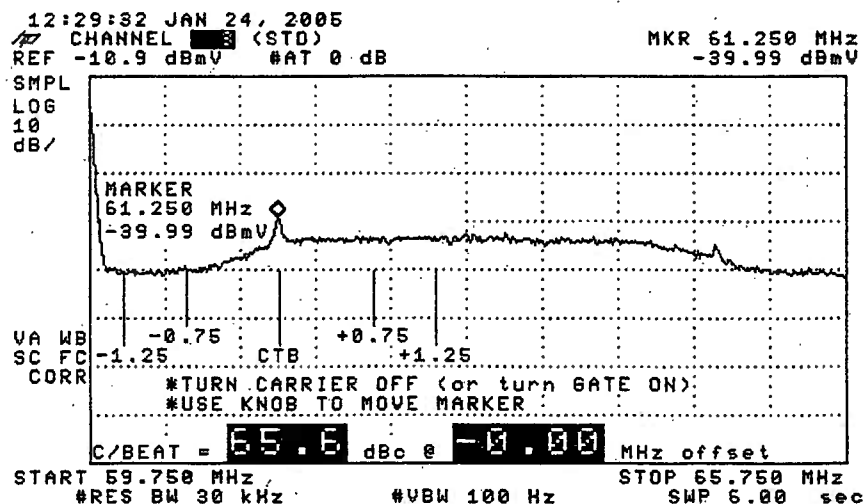
START 61.290 MHz STOP 61.290 MHz
#RES BW 1.0 MHz #VBW 1 kHz #SWP 50.0 msec



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



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



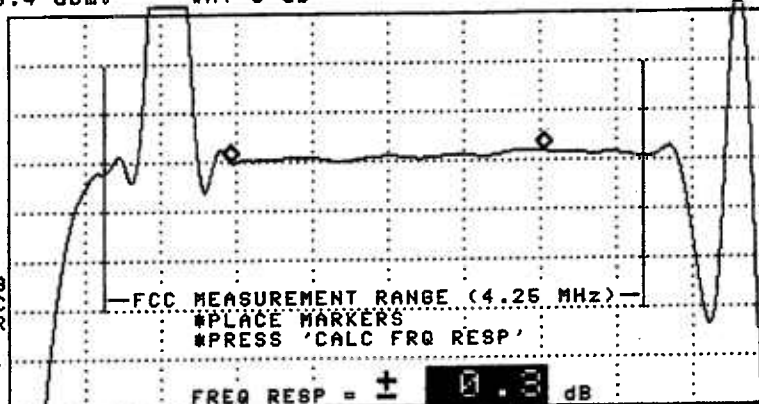
TIME
 GATE ON OFF
 AVERAGE ON OFF
 ZOOM & MEASURE
 Gated CTB
 More
 MAIN MENU

13:00:52 JAN 24, 2005
CHANNEL 3 (STD)
REF 5.4 dBmV #AT 0 dB

MKR 61.755 MHz
-61 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

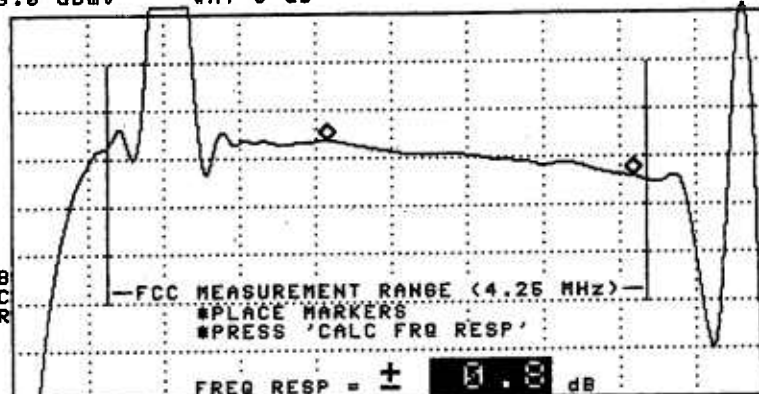
START 60.000 MHz STOP 66.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

13:01:47 JAN 24, 2005
CHANNEL 3 (STD)
REF 5.0 dBmV #AT 0 dB

MKR 208.905 MHz
-84 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

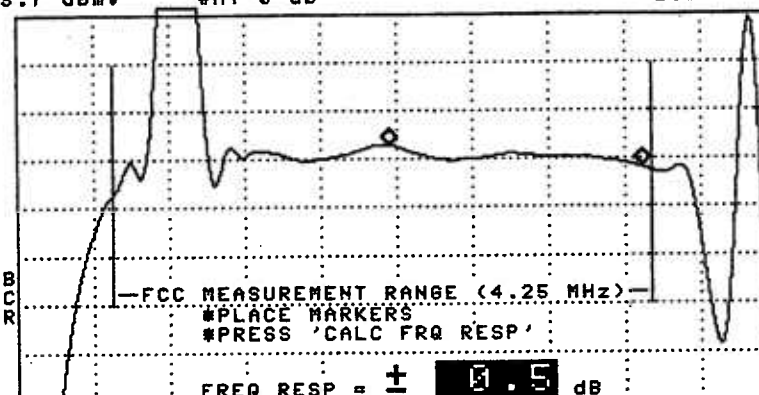
START 204.000 MHz STOP 210.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

13:02:37 JAN 24, 2005
CHANNEL 3 (STD)
REF 3.7 dBmV #AT 0 dB

MKR 130.935 MHz
-2.67 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



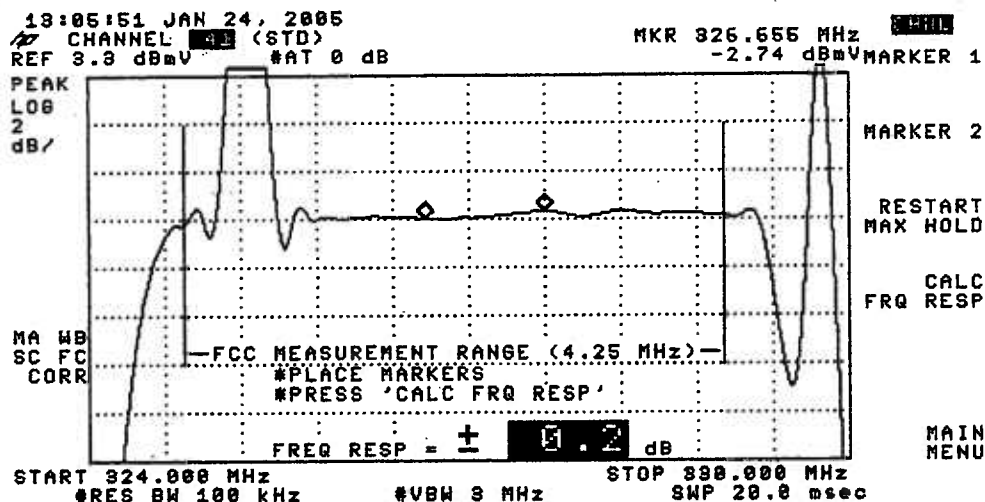
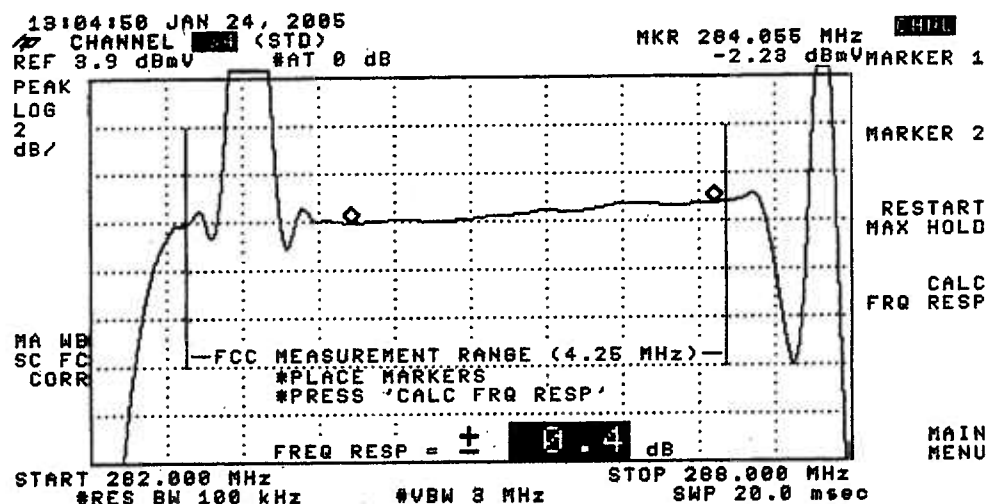
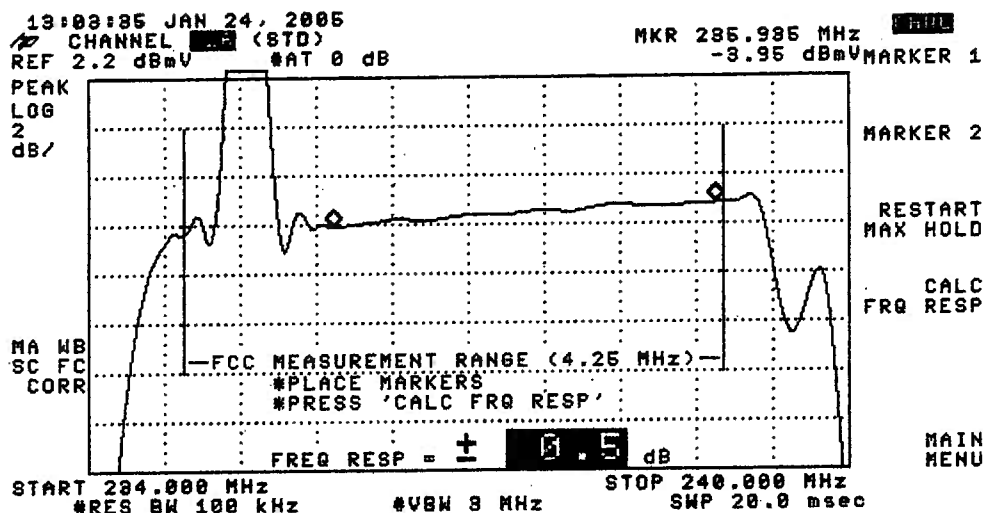
MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 126.000 MHz STOP 132.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

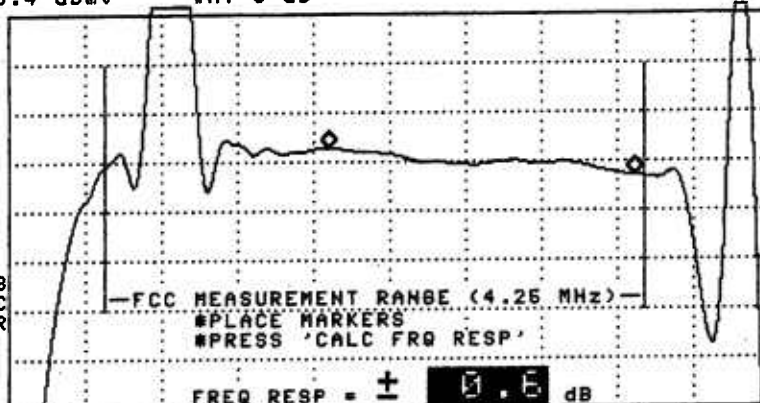


13:06:52 JAN 24, 2005
CHANNEL 100 (STD)
REF 3.4 dBmV #AT 0 dB

MKR 382.985 MHz
-8.15 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 378.000 MHz STOP 384.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

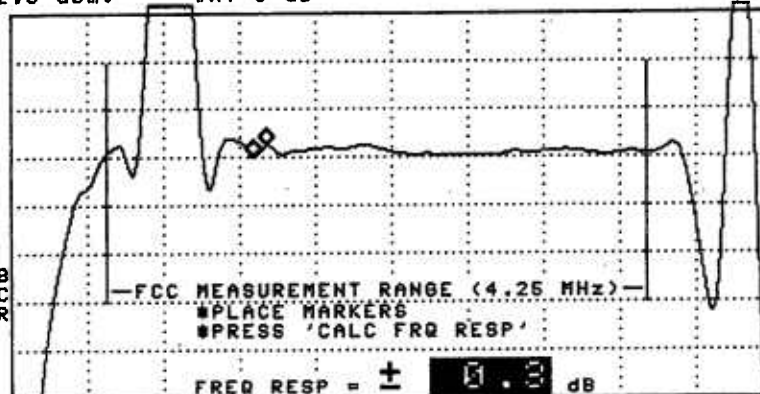
FREQ RESP = $\pm$ 0.6 dB

13:08:14 JAN 24, 2005
CHANNEL 100 (STD)
REF 2.5 dBmV #AT 0 dB

MKR 451.985 MHz
-3.54 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 450.000 MHz STOP 456.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

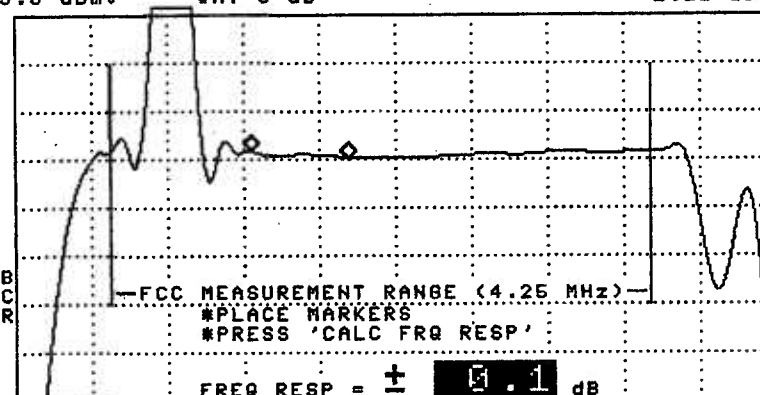
FREQ RESP = $\pm$ 0.3 dB

13:09:15 JAN 24, 2005
CHANNEL 100 (STD)
REF 3.8 dBmV #AT 0 dB

MKR 536.625 MHz
-2.22 dBmV MARKER 1

PEAK
LOG
2
dB/

MA WB
SC FC
CORR



MARKER 2

RESTART
MAX HOLD

CALC
FRQ RESP

MAIN
MENU

START 534.000 MHz STOP 540.000 MHz
#RES BW 100 kHz #VBW 3 MHz SWP 20.0 msec

FREQ RESP = $\pm$ 0.1 dB

TIME WARNER CABLE - SYRACUSE DIVISION

VISUAL CARRIER LEVEL VARIATION TEST

System Name : Watertown
 Date : 01/14/2005
 Meter Serial Number : 2370393

Test Location : River Rd./Lowville
 Performed By : Denis Rhubarb

		TEMP F						TEMP F					
		32.00	28.40	23.00	21.20			32.00	28.40	23.00	21.20		
		TIME						TIME					
		15:31:00	21:31:00	03:31:00	09:31:00			15:31:00	21:31:00	03:31:00	09:31:00		
CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR	CHAN	FREQ (MHZ)	VISUAL LEVEL (DBMV)				MAX VAR
2	55.2500	19.5	19.7	19.0	19.0	0.7	DD (40)	319.2625	18.3	18.6	18.4	18.7	0.4
3	61.2500	19.9	20.5	20.3	20.4	0.6	EE (41)	325.2625	17.9	18.4	18.2	18.4	0.5
4	67.2500	20.0	20.1	20.0	20.2	0.2	FF (42)	331.2750	18.0	18.1	18.1	18.1	0.1
5	77.2500	18.6	19.9	19.8	19.9	1.3	GG (43)	337.2625	18.3	18.4	18.2	18.3	0.2
6	83.2500	18.6	19.5	19.6	19.7	1.1	HH (44)	343.2625	17.9	18.5	18.5	18.3	0.6
A-5 (95)	91.2500						II (45)	349.2625	18.5	18.6	18.7	18.8	0.3
A-4 (96)	97.2500	19.9	20.3	20.2	20.3	0.4	II (46)	355.2625	17.8	17.1	17.0	17.2	0.8
A-3 (97)	103.2500	18.6	18.8	18.8	18.8	0.2	KK (47)	361.2625					
A-2 (98)	109.2750	19.4	20.2	19.6	19.8	0.8	LL (48)	367.2625	17.9	18.2	18.0	18.1	0.3
A-1 (99)	115.2750	19.1	19.1	19.3	19.1	0.2	MM (49)	373.2625	17.8	17.5	17.2	16.8	1
A (14)	121.2625	19.8	19.4	17.5	17.3	2.5	NN (50)	379.2625	17.8	18.0	18.1	17.7	0.4
B (15)	127.2625	19.2	19.6	19.8	19.5	0.6	OO (51)	385.2625	17.5	18.4	18.8	18.7	1.3
C (16)	133.2625	19.5	19.7	19.9	19.6	0.4	PP (52)	391.2625	18.0	18.5	18.4	18.5	0.5
D (17)	139.2500	19.7	19.9	19.8	19.8	0.2	QQ (53)	397.2625	18.0	18.3	18.4	18.5	0.5
E (18)	145.2500	21.0	21.3	21.2	21.1	0.3	RR (54)	403.2500	18.1	18.4	18.1	18.2	0.3
F (19)	151.3210	20.5	20.4	20.8	20.7	0.4	SS (55)	409.2500	17.9	18.2	18.4	18.5	0.6
G (20)	157.2500	20.1	20.3	20.5	20.5	0.4	TT (56)	415.2500	17.8	18.3	18.3	18.4	0.6
H (21)	163.2500	20.5	20.7	20.8	20.8	0.3	UU (57)	421.2500	18.1	18.3	18.2	18.2	0.2
I (22)	169.2500	20.2	20.7	20.4	20.4	0.5	VV (58)	427.2500	17.8	17.8	17.5	17.9	0.4
7	175.2500	20.3	20.7	20.8	20.6	0.5	WW (59)	433.2500	17.9	18.3	18.1	18.0	0.4
8	181.2500	20.6	20.8	20.9	20.7	0.3	XX (60)	439.2500	18.8	19.2	19.1	19.0	0.4
9	187.2500	21.3	21.7	21.6	21.7	0.4	YY (61)	445.2500	18.9	19.1	18.9	19.0	0.2
10	193.2500	21.5	21.9	21.5	21.4	0.5	ZZ (62)	451.2500	18.9	19.3	19.4	19.3	0.5
11	199.2500	21.6	21.9	21.7	21.8	0.3	63	457.2500	19.4	19.6	19.5	19.5	0.2
12	205.2500	20.6	20.8	21.3	21.0	0.7	64	463.2500	20.0	20.3	20.5	20.4	0.5
13	211.2500	19.3	19.6	20.0	20.3	1	65	469.2500	19.8	19.9	19.7	20.0	0.3
J (23)	217.2500	18.7	19.1	19.4	19.2	0.7	66	475.2500	19.7	19.9	20.1	19.9	0.4
K (24)	223.2500	17.3	17.5	17.5	17.1	0.4	67	481.2500	18.9	19.1	18.8	19.1	0.3
L (25)	229.2625	17.3	17.6	17.7	17.5	0.4	68	487.2500	18.8	18.8	18.8	18.9	0.1
M (26)	235.2625	17.8	18.3	18.3	18.2	0.5	69	493.2500	18.5	18.7	18.6	18.8	0.3
N (27)	241.2625	18.6	19.0	18.2	18.4	0.8	70	499.2500	18.3	18.8	18.5	18.5	0.5
O (28)	247.2625	19.1	19.5	19.1	19.3	0.4	71	505.2500	18.7	18.8	18.8	18.6	0.2
P (29)	253.2625	20.0	20.2	20.1	19.9	0.3	72	511.2500	17.9	18.0	17.9	18.3	0.4
Q (30)	259.2625	20.2	20.5	20.6	20.7	0.5	73	517.2500	18.2	18.7	18.5	18.7	0.5
R (31)	265.2625	20.1	20.5	20.6	20.5	0.5	74	523.2500	18.6	18.9	18.8	18.9	0.3
S (32)	271.2625	20.1	20.1	20.2	20.2	0.1	75	529.2500	18.1	18.4	18.2	18.2	0.3
T (33)	277.2625	19.9	20.4	20.1	20.3	0.5	76	535.2500	17.9	18.6	18.3	18.3	0.7
U (34)	283.2625	19.3	19.8	19.6	19.8	0.5	77	541.2500	16.6	17.2	17.0	17.0	0.6
V (35)	289.2625	19.1	19.4	19.5	19.4	0.4	78	547.2500	17.9	18.3	18.2	18.2	0.4
W (36)	295.2625	19.3	19.6	19.5	19.5	0.3	79	553.2500					
AA (37)	301.2625	18.6	19.2	19.3	19.2	0.7	80	559.2500					
BB (38)	307.2625	18.5	18.9	18.9	18.9	0.4	81	565.2500					
CC (39)	313.2625	18.8	18.9	19.0	18.9	0.2							

Max Non Adjacent Channel Level Diff
 Max Adjacent Channel Level Diff
 Max Variance from last proof of performance test
 Date of last proof of performance test

:- 5
 :- 2.3
 :- N/A
 :- N/A

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.

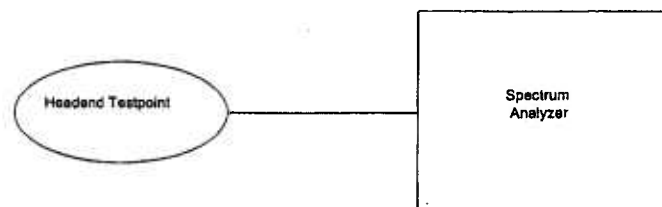
Picture Effect:

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:

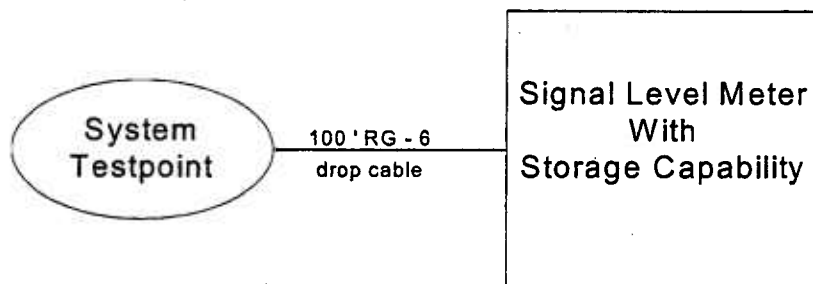
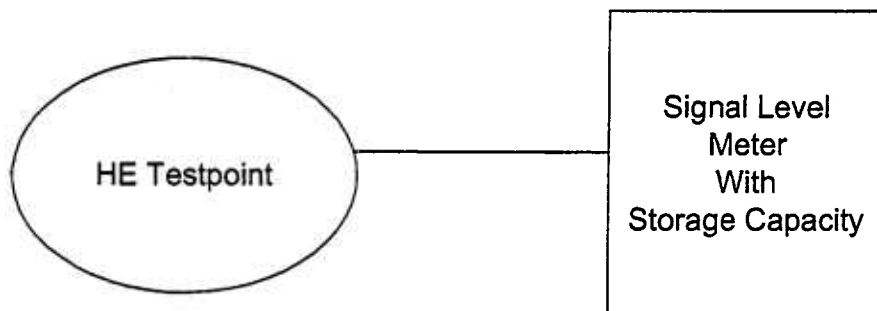
FCC: Levels and Variation Testing

- 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:

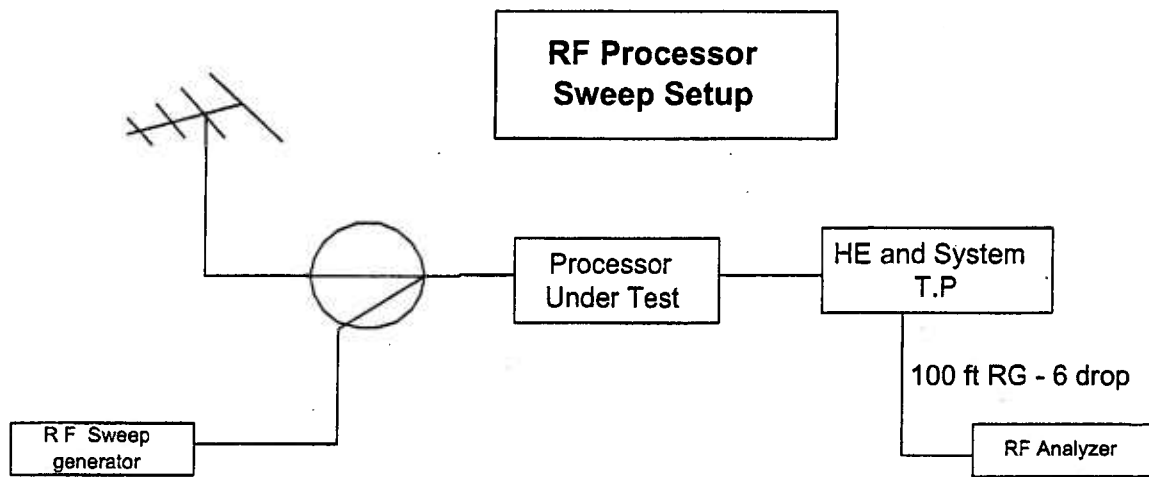
Variations can not only affect the relative amplitude of different frequency components of the visual signal, but relative visual carrier level and chroma delay. This could cause improper colors and poor picture quality.

Recommended Procedures:

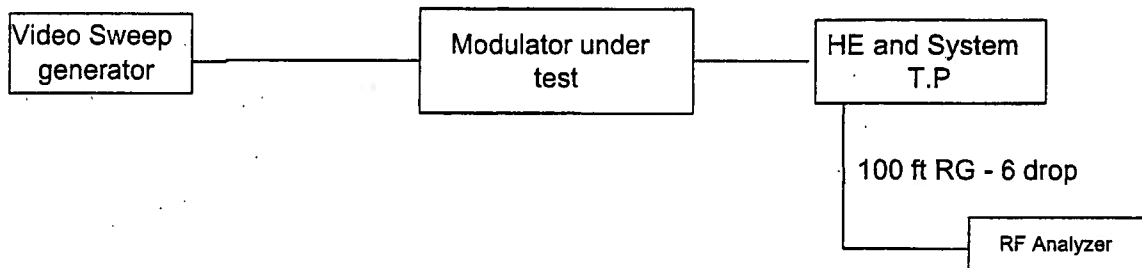
- Measurements should be made on all FCC designated test channels at each system test point. The frequency response of all other channels should be verified periodically at the headend test point.
- Connect equipment as shown in the block diagrams .
- This procedure varies based on the type of analyzer 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

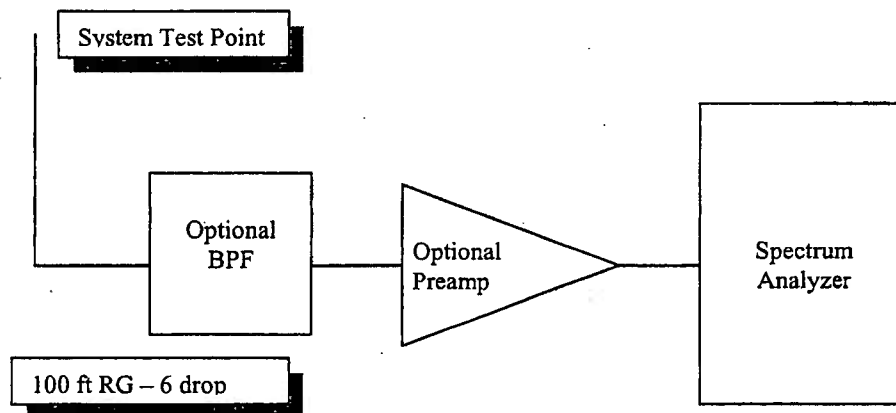
Picture Effect:

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:

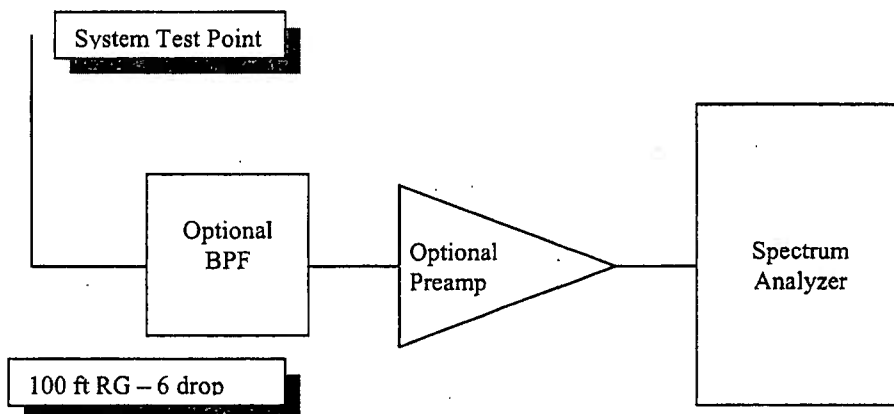
Interfering line patterns, horizontal line streaks, beats in the picture, etc.

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:

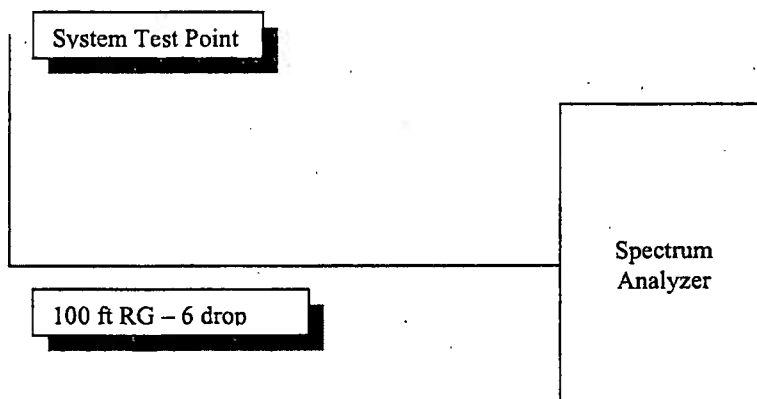


Exhibit 1

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
Town of Adams	550	Village of Adams	674
Town of Lowville	87	Village of Lowville	1,344
Town of Rodman	68	Town of Mannsville	101
Town of Ellisburg	151	Village of Ellisburg	65
Town of Lorraine	6		

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