Charter
COMMUNICATIONS®

March 25, 2009

Ms. Jaclyn A. Brilling
Secretary
State of New York
Department of Public Service
Three Empire State Plaza
Albany, NY 12223-1350

Dear Secretary Brilling:

Charter Communications is hereby submitting Franchise Renewal Agreements for the Commission's review and approval for the following ten municipalities in Clinton County: the towns of Ausable, Beekmantown, Chesterfield, Dannemora, Peru, Plattsburgh, Saranac and Schuyler Falls, the village of Keeseville and the City of Plattsburgh.

I have enclosed an original and three copies of the fully executed Renewal Agreements and the Form R-2 (Application for Renewal of Franchise or Certificate of Confirmation) for each municipality, as well as the resolutions approved by each of the municipal Boards or Councils. I have also enclosed one copy of Charter's most recent FCC Proof of Performance test results for the system that serves all ten of these municipalities and the required verification of public notice for the public hearings and verification of public notice of our filing these applications with the PSC.

If you have any questions or concerns, I can be reached at 508-853-1515 x72857 or via email at Tom.Cohan@chartercom.com.

Sincerely,

Thomas P. Cohan
Director of Government Relations

State of New York
Division of Public Service
Cable Service Regulations

FORM R-2

APPLICATION FOR RENEWAL OF FRANCHISE OR CERTIFICATE OF CONFIRMATION

1. The exact legal name of applicant is:
Ausable Cable TV, Inc.

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

3. Applicant's mailing address is: 11 Commerce Rd. Newtown CT. 06470

4. Applicant's telephone number(s) is (are): (508) 853-1515

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

Town of Dannemora (Clinton County)

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

Town(s) of: Ausable, Beekmantown, Black Brook, Chesterfield, Elizabethtown, Jay, Lewis, Peru, Plattsburgh, Saranac, Schuyler Falls, Westport and Wilmington.

Village(s) of: Dannemora, Keeseville and Westport.

City(s) of: Plattsburgh

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

Primary residential connections: 95 Basic
Secondary residential connections: 90 Expanded Basic
Residential pay-cable subscriptions: 120
Commercial connections: 3
Other:

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 line-up card.

8. Does Applicant 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 does provide three PEG channels, which are programmed as follows: Public Access channel programmed with video for approximately 14 hours per day, seven days a week; Educational Access channel is programmed with video approximately 30 hours per week during the Plattsburgh State University school year and is programmed with a bulletin board at all other hours of the day; the Government Channel is programmed with video eight hours per day, five days a week, with a bulletin board at other hours of the day. There is a full range of programming from government meetings and community events to educational programs and a variety of programs produced by local volunteers.

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

Primary connections: $19.99 (Basic)
Secondary connections: $41.00 (Expanded Basic)
Pay-cable subscriptions: HBO/CINEMAX $14.00 SHOW/TMC $14.00
Commercial connections:
Other:

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)? None

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

This is already a state-of-the-art 860 MHz system; we continually enhance our services with the addition of new HD channels.

12. Indicate whether applicant has previously filed with the State Commission on Cable Television its:

(a) Current Statement of Assessment pursuant to Section 817 of the Executive Law? Yes _x_ No ___

(b) Current Annual Financial Report? Yes _x_ No ___

If answer to any of above is negative, explain:

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: N/A

Signature

JOSHUA L. JAMISON
Division President
East Division

Title

3/24/09
Date

Please attach a copy of applicant's current annual performance test results per 9 NYCRR § 596.5.

STATE OF CONNECTICUT)
)
COUNTY OF NEW HAVEN) ss.:

Verification

I Sandra A Hurd, being first duly sworn, deposes and says:

1. I am Sandra J Hurd of Charter Communications and I am familiar with the business operations of said 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.

Sandra A Hurd
Signature

Sworn to before me this

24th day of March, 2009.

Sandra A Hurd
[Notary Public]

Sandra A. Hurd
NOTARY PUBLIC
State of Connecticut
My Commission Expires 1/31/2012

CERTIFIED RESOLUTION

RESOLUTION 2009-30
Resolution authorizing Supervisor Barbara Douglas to sign contract with Charter Communications. The term of the contract is five years from the effective date.

Motion by: Jerry Gagnier
Seconded by: Sally Siskavich

Deb Coryer- Absent
John Bingel- Absent
Sally Siskavich- Yes
Jerry Gagnier- Yes
Barbara Douglas- Yes

I, Sherry Katz Town Clerk of The Town of Dannemora, do hereby certify that the following is a true and correct copy of a resolution duly adopted at a regular board meeting held on February 25, 2009, at which meeting a duly constituted quorum of the Dannemora Town Board was present and acting throughout and such resolution has not been motified, rescinded or revoked and is at present in full force and effect:

RESOLVED, that Supervisor Barbara Douglas, who is the Town Supervisor, is empowered to execute and deliver " A Franchise Renewal Agreement" between the Town of Dannemora, Clinton County New York and Charter Communications.

Sherry Katz
Town Clerk/Tax Collector
February 26, 2009

State of New York
Clinton County, ss.:

CITY OF PLATTS-COMMON COU
41 CITY HALL PLACE
PLATTSBURGH NY 12901

Legal Advertising

PLEASE TAKE NOTICE that in accordance with NYS Public Service Commission Rules, the Clinton County Cable Television Council representing cable subscribers in the municipalities of the City of Plattsburgh; the Towns of Ausable, Beekmantown, Chesterfield, Dannemora, Peru, Plattsburgh, Saranac, and Schuyler Falls; and the Village of Keeseville will hold a **PUBLIC HEARING on Tues, 2 December 2008 at 7:00 PM at the Town of Ausable municipal offices, 111 Ausable Street in Keeseville and on Wed, 3 December 2008 at 7:00 PM at the Town of Plattsburgh municipal offices, 151 Banker Road in Plattsburgh** to hear public comment regarding the PROPOSED FIVE-YEAR RENEWAL OF THE RESPECTIVE MUNICIPAL FRANCHISES TO CHARTER COMMUNICATIONS.
An email copy of the proposed franchise document is available by request to herkalok@cityofplattsburgh-ny.gov and is available for review at the clerk's office of the individual municipalities dur-

Laura Crouse of the City of Plattsburgh, in said county, being duly sworn, doth depose and say that she is the clerk of The Plattsburgh Publishing Co., publishers and printers of the newspaper entitled The Press Republican, printed and published daily and Sunday in the City of Plattsburgh, in said county, and that the advertisements covered on the attached copy have appeared in said newspaper on the dates indicated.

Laura Crouse

Notary Public

JOSE A. TRIPP
Notary Public State of New York
No. 01TR5179927
Qualified in Clinton County
Commission Expires January 7, 2012

PUBLICATION	EXPIRE DATE	AD CAPTION	# TIMES	AMOUNT
PRESS REPUBLICAN	11/25/2008	PLEASE TAKE NOTICE THAT I	1	29.10

START DATE: 11/25/2008 END DATE: 11/25/2008

State of New York,
Clinton County, ss.:

DAVIS ADVERTISING-
CHARTER COMMUNICATIONS

Legal Advertising
Ad Ran: 03/13/09

Legal Notice

,Charter Communications has filed with the New York Public Service Commission for a five year renewal of the Cable Television Franchise Agreements to operate and maintain cable television systems serving the towns of Au Sable, Beekmantown, Chesterfield, Dannemora, Peru, Plattsburgh, Saranac and Schuyler Falls, the Village of Keeseville and the City of Plattsburgh. As in the past, these franchise agreements include the procedures adopted for obtaining a franchise and the execution of the agreements to ensure compliance with all Rules and Regulations of the New York State Public Service Commission for Cable Television entities. Each of the Franchise Agreements is available for review at the respective town halls, Plattsburgh City Hall and the Village Hall in Keeseville.

Laura Crouse of the City of Plattsburgh, in said county, being duly sworn, doth depose and say that she is a clerk of The PLATTSBURGH PUBLISHING CO., publishers and printers of a newspaper entitled The Press-Republican, printed and published daily and Sunday in the City of Plattsburgh, in said county, and that the advertisements covered on the attached copy have appeared in said newspaper on the dates indicated.

Laura Crouse

Subscribed and sworn to before me, this 17th day of March 2009

Notary Public

JOSIE A. TRIPP
Notary Public State of New York
No. 01TR6179927
Qualified in Clinton County
Commission Expires January 7, 2012

A FRANCHISE RENEWAL AGREEMENT

Between

The Town of Dannemora, County of Clinton, State of New York

and

Charter Communications

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A FRANCHISE RENEWAL AGREEMENT

Between

The Town of Dannemora, County of Clinton, State of New York

and

Charter Communications

FRANCHISE AGREEMENT

This Franchise Agreement is between the ***Town of Dannemora****, New York, hereinafter referred to as the "Grantor, Franchise Authority* or Municipality*" and Ausable Cable TV, Inc., locally known as* ***Charter Communications****, hereinafter referred to as the "Grantee or Franchisee."*

WHEREAS, *the Grantor finds that the Grantee has substantially complied with the material terms of the current Franchise under applicable laws, and that the financial, legal and technical ability of the Grantee is sufficient to provide services, facilities and equipment necessary to meet the future cable-related needs of the community, and*

WHEREAS, *having afforded the public adequate notice and opportunity for comment, Grantor desires to enter into this Franchise with the Grantee for the construction and operation of a cable system on the terms set forth herein; and*

WHEREAS, *the Grantor and Grantee have complied with all federal and State-mandated procedural and substantive requirements pertinent to this franchise renewal;*

WHERAS*, the Board, in granting this franchise renewal, embodied in the agreement the results of its review and negotiations with Charter Communications and has determined that said franchise agreement and Charter Communications respectively, fulfills and will fulfill the needs of Ausable Cable TV, Inc. 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 forgoing clauses, which clauses are hereby made a part of this franchise agreement, and the mutual convenants and agreements herein contained, the Franchise Authority and Grantee agree as follows:*

1.0 DEFINITION OF TERMS

X 1.1 "**Area Outage**": a total or partial loss of video, audio, data or other signals carried on the cable television system in a location affecting two or more subscribers.

X 1.2 "**Cable Communications System**" (also herein referenced as "cable system" and "system"): the facility, which is the subject of this franchise, consisting of antennae, wire, coaxial cable, amplifiers, towers, microwave links, wave guide, optical fibers, optical transmitters and receivers, satellite receive/transmit antennae, and/or other equipment designed and constructed for the purpose of producing, receiving, amplifying, storing, processing, or distributing audio, video, digital or other forms of electronic, electromechanical, optical, or electrical signals to multiple subscribers within the Municipality.

X 1.3 "**Cable Service**": the transmission to subscribers of (a) video programming (meaning programming provided by, or comparable to programming provided by, a television broadcast station); and (b) other programming (meaning information that a cable operator makes available to all subscribers generally), including subscriber interaction utilizing the addressable capacity and capability of the cable system.

X 1.4 "**Capability**": the ability of the Franchisee to activate a described technological or service aspect of the cable communications system without delay.

X 1.5 "**Clinton County Cable Television Council**": The Clinton County Cable Television Council was formed by inter-municipal agreement in August of 1994 for the purposes of facilitating negotiations and decisions regarding the franchise agreements between the existing Franchisee and the participating municipalities, the negotiation of a master franchise agreement, and to assist in the negotiation of riders to such agreement as are necessary to address the specific needs of the individual municipalities; i.e., the City of Plattsburgh; the Towns of Ausable, Beekmantown, Chesterfield, Dannemora, Peru, Plattsburgh, Saranac, and Schuyler Falls; and the Village of Keeseville.

X 1.6 "**FCC**": the Federal Communications Commission.

X 1.7 "**Franchise Fee**": the percentage, as specified in this franchise, of Charter Communications' "**Gross Revenue**" remitted by Charter to the Municipality in exchange for the rights granted pursuant to the franchise.

X 1.8 "**Franchisee**": Charter Communications, and its lawful successors and assignees.

X 1.9 "**Gross Revenue**": any revenue received by the Grantee from the operation of the Cable System to provide Cable Services in the Service Area, provided, however that such phrase shall not include: (1) any taxes, fees or assessments of general applicability collected by the Grantee from subscribers for pass-through to a government agency, including the FCC user fee; (2) unrecovered bad debt; (3) credits, refunds and deposits paid to subscribers; (4) any exclusions available under applicable law.

X 1.10 "**Material provision**": a clause within this franchise, as further described herein, deemed critical to the balance of the overall agreement between the Municipality and the

Franchisee embodied in this franchise, wherein violation of said clause by the Franchisee, without redress, or the effective elimination of said clause from this franchise by an act of Congress or judicial decision may result or require, with the approval of the PSC, in the revocation or renegotiation of this franchise, in whole or in part.

X 1.11 "**Non-material provisions**": all clauses not deemed to constitute a "material provision", as defined and described herein, but constituting obligations upon the Franchisee, nonetheless.

X 1.12 "**PSC**": the New York State Public Service Commission or any successor State agency with similar responsibilities.

PART I -- THE FRANCHISE

2.0 GRANT OF FRANCHISE

X 2.1 The Franchisee is hereby granted, subject to the terms and conditions of the franchise, the right, privilege, and authority to operate and maintain a cable communications system within the streets, alleys, and public ways of the Municipality.

X 2.2 The Franchisee may erect, install, extend, repair, replace, and retain in, on, over, under, or upon, across and along the public streets, alleys, and ways within the Municipality, such wires, cables, conductors, ducts, conduits, vaults, manholes, amplifiers, appliances, pedestals, attachments, and other property and equipment as are necessary and appurtenant to the operation of the cable communications system in conformance with the Municipality's specifications.

X 2.3 Nothing in this franchise shall be deemed to waive the requirements of the various codes and ordinances of the Municipality regarding permits, fees to be paid, or manner of construction.

X 2.4 No privilege nor power of domain shall be deemed to be bestowed by this franchise other than that conferred pursuant to statutory law.

3.0 NON-EXCLUSIVE NATURE OF THIS FRANCHISE

X 3.1 This franchise shall not be construed as any limitation upon the right of the Municipality to grant to other persons rights, privileges, or authorities similar to the rights, privileges, and authorities herein set forth, in the same or other streets, alleys, or other public ways or public places. The Municipality specifically reserves the right to grant at any time such additional franchises for this purpose as it deems appropriate.

X 3.2 In accordance with PSC Rule 895.3, the renewal of this franchise shall not contain economic or regulatory burdens which, when taken as a whole, are greater or lesser than those burdens placed upon any other cable television franchise operating within the municipal territorial limits relating to this franchise.

4.0 TERRITORIAL LIMITS

X 4.1 The rights and privileges awarded pursuant to this franchise shall relate to and cover the entire present territorial limits of the Municipality and any area annexed thereto during the term of this franchise.

5.0 FRANCHISE SUBJECT TO LAW AND REGULATION

X 5.1 All terms and conditions of this franchise are subject to Federal and State law and to the rules and regulations of the FCC and the PSC.

X 5.2 All terms and conditions of this franchise are subject to the approval of the PSC.

X 5.3 All rights and privileges granted hereby are subject to the police power of the Municipality to adopt and enforce generally applicable local laws, ordinances, rules and regulations necessary to the health, safety and general welfare of the public; provided, however, that such regulations are reasonable and not materially in conflict with the privileges granted in this franchise. This Franchise is a contract and except as to those changes which are the result of the Grantor's lawful exercise of its general police power, any amendment of this Franchise must be done in accordance with PSC Rule 892.1.

X 5.4 Within sixty (60) days of the effective date of this franchise, the Franchisee shall file a request for certification of this franchise with the PSC and FCC, and shall provide the Municipality with evidence of such filing.

X 5.5 The Clerk, or other person as designated by the Municipality, will be responsible for the continuing administration of the rights and interests of the Municipality in the franchise and such person will be the addressee for all communications of the Franchisee with the Municipality unless the Franchisee is otherwise directed.

6.0 CONDITIONS ON USE OF STREETS AND PUBLIC GROUNDS

X 6.1 Any work which requires the disturbance of any Street or which will interfere with traffic shall not be undertaken without prior notification to and approval of the Municipality.

X 6.2 No poles, underground conduits or other wire-holding structures shall be erected by the Franchisee without the approval of the appropriate municipal official through established permit procedures to the extent that same now or hereafter may exist, with regard to the location, height, type and any other pertinent aspect of such wire-holding facilities; however, such approval may not be unreasonably withheld.

X 6.3 All structures, lines and equipment erected by the Franchisee within the Municipality shall be so located as to cause minimum interference with the proper use of streets, alleys, easements and other public ways and places, and to cause minimum interference with rights or reasonable convenience of property owners who adjoin any of the said streets, alleys or other public ways and places. Existing poles, posts and other structures of the electric power company or any telephone company or any other public utility which may be available to the Franchisee shall be used to the extent practicable in order to minimize interference with travel. Where both power and telephone utilities are placed underground, the Franchisee's cable also shall be placed underground.

X 6.4 The Franchisee shall have the right and authority to remove, trim, cut, and keep clear trees and bushes upon and overhanging all streets, alleys, easements, sidewalks, and public places in the Municipality to the minimum extent necessary to keep same clear of poles, wires, cables, conduits and fixtures. Five (5) business days prior to commencing any tree trimming, the Franchisee will inform in writing affected property owners and the municipal official responsible for monitoring the Franchisee's construction activities.

X 6.5 In the case of any disturbance of pavement, sidewalk, driveway or other surfacing, the Franchisee shall, at its own cost and expense in the manner provided and approved by the municipal official responsible for monitoring the Franchisee's construction activities, and within 30 days, replace and restore such pavement, sidewalk, driveway or surfacing so disturbed to as good a condition as existed before said work was commenced. In the event that any municipal property is damaged or destroyed by the Franchisee, such property shall be repaired or replaced by the Franchisee within thirty (30) days and restored to as good a condition as existed before said work was commenced.

X 6.6 All structures and all lines, equipment and connections, in, over, under and upon streets, sidewalks, alleys and public ways and places of the Municipality, wherever situated or located, shall at all times be kept and maintained in a safe, suitable, and substantial condition, and in good order and repair.

X 6.7 In exercising rights pursuant hereto, the Franchisee shall not endanger or interfere with the lives of persons, nor interfere with any installations of the Municipality, any public utility serving the Municipality or any other person permitted to use the streets and public grounds, nor unnecessarily hinder or obstruct the free use of the streets and public grounds. The grant of this franchise does not establish priority for use over other present or future permit or franchise holders or the Municipality's own use of the streets and public grounds. The Municipality shall at all times control the distribution of space in, over, under or across all streets and public grounds that are occupied by the cable communications system. All rights granted for the construction and operation of the cable communications system shall be subject to the continuing right of the Municipality to require such reconstruction, relocation, change or discontinuance of the facilities and equipment used by the Franchisee in the streets, alleys, avenues, and highways of the Municipality, as shall in the opinion of the Municipality be necessary in the public interest.

X 6.8 Nothing in this franchise shall hinder the right of the Municipality or any governmental authority to perform or carry on, directly or indirectly, any public works or public improvements of any description. Should the cable communications system in any way interfere with the construction, maintenance, or repair of such public works or public improvements, the Franchisee shall, at its own cost and expense, protect or relocate its cable communications system, or part thereof, as reasonably directed by the Municipality.

X 6.9 Upon request of a person holding a building or moving permit issued by the Municipality, the Franchisee shall 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 the Franchisee by the person requesting same. In such cases,

the Franchisee shall be given not less than ten (10) working days prior written notice in order to arrange for the changes required.

7.0 ASSIGNMENT OR TRANSFER OF FRANCHISE

X 7.1 In accordance with PSC Rule 895.1(s), no change in control of the Franchisee, the system, or the franchise granted herein shall occur without the prior written consent of the Municipality and prior approval of the PSC. The Franchise granted hereunder shall not be assigned, other than to an entity controlling, controlled by, or under common control with the Grantee, without the prior consent of the Grantor, such consent not to be unreasonably withheld or delayed. No such consent shall be required, however, for a transfer in trust, by mortgage, by other hypothecation, or by assignment of any rights, title, or interest of the Grantee in the Franchise or Cable System to secure indebtedness. Within sixty (60) days of receiving a request for transfer, the Grantor shall notify the Grantee in writing of any additional information it reasonably requires to determine the legal, financial and technical qualifications of the transferee. If the Grantor has not taken action on the Grantee's request for transfer within one hundred twenty (120) days after receiving such request, consent by the Grantor shall be deemed given.

X 7.2 At least sixty (60) days before a proposed change of control is scheduled to become effective, the Franchisee shall petition in writing for the Municipality's written consent of such proposal.

X 7.3 In determining whether to approve said petition, the Municipality shall consider those conditions detailed in PSC Rule 895.1(s)(2), the applicant's:

a) Technical ability;

b) Financial ability;

c) Good character; and

d) Other qualifications necessary to continue to operate the cable television system consistent with the terms of the franchise.

X 7.4 A copy of the completed sales agreement, or a functionally equivalent instrument, between the Franchisee and proposed transferee or assignee shall be provided to the Municipality, upon request of the latter.

X 7.5 The Municipality may approve said petition contingent on compliance with additional standards, terms, or conditions within its regulatory purview and consistent with findings resulting from its review of the aforementioned petition.

X 7.6 In the event that the Municipality refuses to grant the aforementioned petition, it shall set forth specific reasons for its decision in writing by municipal resolution.

8.0 DEFAULT, REVOCATION. TERMINATION. ABANDONMENT

X 8.1 The Municipality may revoke this franchise and all rights of the Franchisee hereunder for any of the following reasons:

a) The Franchisee fails, after thirty (30) days prior written notice from the Municipality, to comply or to take reasonable steps to comply with a material provision or material provisions of this franchise as defined in this section. Notwithstanding the above, when the Franchisee is once again in compliance, the right to revoke this franchise shall no longer pertain with respect to the condition that precipitated the notice;

1) For the purposes of this section, material provisions are deemed to be those establishing the Municipality's right to:

i. collect from the Franchisee a franchise fee, the annual sum of which shall be equal to the maximum percentage allowed by law (currently five percent 5%) of gross revenue as defined herein, less any amount payable by the Franchisee to the PSC, as per section 17.0;

ii. require that the Franchisee maintain and improve the cable communications system as per section 11.0;

iii. require public, educational, and government access to the cable communications system as per section 16.0;

iv. establish reasonable consumer protection provisions as per Part V;

v. evaluate and approve transfers and assignments of the cable communications system as defined in section 7.0 of this franchise.

b) The Franchisee takes the benefit of any present or future insolvency statute, or makes a general assignment for the benefit of creditors, or files a voluntary petition in bankruptcy, or files a petition or answer seeking an arrangement or reorganization or readjustment of its indebtedness under Federal bankruptcy laws or under any other law or statute of the United States or any state thereof, or consents to the appointment of a receiver, trustee or liquidator of all or substantially all of its property, or is adjudged bankrupt by order of decree of a court, or an order is made approving a petition filed by any of its creditors or stockholders seeking reorganization or readjustment of its indebtedness under any law or statute of the United States or of any state thereof, subject to the following:

1) The Municipality shall have the right to revoke this franchise subject to the Bankruptcy Act and any applicable provisions of federal and state law, one hundred and twenty (120) days after the appointment of a receiver or trustee to take over and conduct the business of Franchisee, whether in receivership, reorganization, bankruptcy or other action or proceeding.

2) Consistent with applicable state and federal law, the filing of a bankruptcy petition alone shall not constitute a material default of this franchise, provided, however, and subject to applicable federal and state law, in the event of a bankruptcy or other judicial proceeding related thereto, the Municipality retains all existing rights and enforcement authority under this franchise and its police powers.

3) Subject to applicable federal and state law, any trustee or receiver of Franchisee shall be required to assume responsibility for, and remedy all existing defaults and provide adequate assurance of future performance under this License during the pendancy of such bankruptcy or judicial proceeding related thereto; or

c) The Franchisee attempts or does practice a fraud or deceit in its securing of this franchise; or

d) The Franchisee fails to comply with provisions of this

franchise, pertaining to public, educational, and governmental access; or

e) The Franchisee practices fraud or displays repeated negligence in the accurate reporting of information to the Municipality, including but not limited to information pertaining to the Franchisee's calculation of the Municipality's franchise fee; or

f) The Franchisee fails to pay any legally owed taxes or fees due the Municipality, unless the amount of such payment is part of a good faith dispute; in which case the payments in question will be put in escrow until the dispute is settled; or

g) The Franchisee fails to maintain adequate insurance as specified in this franchise; or

h) The Franchisee fails to obtain the prior approval of the Municipality for transfer or assignment of the franchise; or

i) The franchisee fails to provide and maintain the cable communications system as specified in Section 11.0 herein.

X 8.2 Notwithstanding the above, no revocation shall be effective unless and until the Municipality shall have adopted an ordinance or resolution setting forth the cause and reason for the revocation and the effective date thereof, which ordinance or resolution shall not be adopted until after the expiration of the written notice (re: Section 8.0 a) to the Franchisee and an opportunity for the Franchisee to be fully and fairly heard.

X 8.3 In no event, and notwithstanding any contrary provision in this section or elsewhere in this franchise, shall this franchise be subject to revocation or termination, or the Franchisee be liable for non-compliance with or delay in the performance of any obligation hereunder, where its failure to cure or to take reasonable steps to cure is directly attributable to formal U.S. declaration of war, government ban on the affected obligation, U.S. government sponsored or supported embargo, civil commotion, strikes or work stoppages (except those against the Franchisee and its affiliates), fires, and any acts of God or of nature or other events beyond the immediate control of the Franchisee. This provision includes work delays caused by waiting for utility providers to service or monitor their utility poles to which Grantee's Cable System is attached, as well as unavailability of materials and/or qualified labor to perform the work necessary.

X 8.4 In the event of such circumstances as described in Section 8.3, the Franchisee may be excused from its obligations herein during the course of any such events or conditions, only upon application to and approval by the Municipality. Such application shall include clear evidence as to how such events have prevented the Franchisee from meeting its obligations. Upon approval by the Municipality of the Franchisee's application, the time specified for performance of the Franchisee's obligations hereunder shall extend for such reasonable time thereafter as may be determined by the Municipality; such approval may not be unreasonably withheld.

X 8.5 Upon revocation, the Municipality shall have the option either of purchasing the cable communications system or of requiring the Franchisee to remove all portions of the system from all public ways and places at the expense of the Franchisee, subject to the provisions of applicable Federal and State law.

X 8.6 The Franchisee shall not abandon any service or portion thereof required to be provided pursuant to the terms of this franchise without the prior written consent of the Municipality.

9.0 SEVERABILITY

X 9.1 Should any provision of this franchise be held invalid by a court of competent jurisdiction or rendered a nullity by Federal or state legislative or regulatory action, the remaining provisions and this franchise shall remain in full force and effect.

10.0 EFFECTIVE DATE AND TERM

X 10.1 The effective date of this franchise shall be the date this franchise is granted a certificate of confirmation by the PSC.

X 10.2 The term of this franchise shall be five (5) years from the effective date.

PART II — THE SYSTEM

11.0 SYSTEM SPECIFICATIONS

X 11.1 Subject to FCC and PSC regulations, policies, and standards, and subject to the cable communication systems' capability of providing the services and facilities prescribed in this franchise, the technical design of the cable communications system serving the Municipality shall be at the option of the Franchisee and as further described in this section.

X 11.2 The Franchisee shall maintain its systems at a minimum of 750 MHz subject to the conditions as follows:

a) the Franchisee shall comply with all aspects of the Commission's customer service and consumer protection standards;

b) in accordance with Section 895.5 of the PSC's regulations, the Franchisee will provide service to all areas with an average of 20 homes per aerial mile or greater without contribution in aid of construction by subscribers. In cases of a request for service not meeting the above criteria, the Franchisee will extend service to prospective subscribers who are willing to contribute the cost of construction in accordance with the formula C/LE - CA/P = SC where C equals the cost of construction of new plant; CA equals the average cost of construction per mile in the primary service area; P equals the minimum number of dwelling units per mile which would require the Franchisee to provide service in the primary service area; LE equals the number of dwelling units requesting service in the line extension area; SC equals subscriber contribution-in-aid of construction in the line extension area.

Whenever a potential subscriber located in a line extension area requests service, the Franchisee shall, within 30 days of the request, conduct a survey to determine the number of potential subscribers located in the line extension area and shall inform each of the potential subscribers of the contribution-in-aid of construction. During a five year period commencing with initiation of service to a particular line extension, a pro-rated refund shall be paid to previous subscribers of said extension as new subscribers are added to the extension. The amount of such refund, if any, shall be determined by application of the SC formula each time a new subscriber is added. The refunds shall be paid annually to subscribers, or former subscribers entitled to receive them.

Cable service shall be provided to any subscriber who demands service within seven (7) business days of the request for service and who is located within 250 feet of aerial feeder cable, and that the charge for the installation for any subscriber so situated will not be in excess of the standard installation charge.

c) The Franchisee shall initiate discussions with, and assist in development of applications for use of the fiber optic network by local governments and the educational and medical communities within the territorial limits of the Municipality.

X 11.3 Throughout the term of this franchise, the Franchisee shall maintain and make regular improvements to its cable television distribution system serving the Municipality to ensure that the technical capabilities of said system will not serve to be a limiting factor on the Franchisee's ability to regularly implement new cable services as may be created and developed during the term of this franchise.

X 11.4 The cable communications system shall incorporate equipment capable of providing standby powering of the cable communications system so as to minimize area outages caused by interruption of power; such equipment shall be so designed as to prevent the standby power source from powering a "dead" utility line.

X 11.5 The Franchisee will comply with all applicable federal & state regulations regarding the Emergency Alert System.

X 11.6 The Cable System shall be designed, constructed and operated so as to meet those technical standards adopted by the FCC relating to Cable Systems contained in part 76 of the FCC's rules and regulations as may from time to time, be amended.

X 11.7 The cable communications system shall provide for the availability and operation of cablecast origination points from, at a minimum, the public and educational buildings specified in Section 16.2.

X 11.8 The Company will comply with Part 895.5 of the PSC Rules.

12.0 SYSTEM PERFORMANCE STANDARDS

12.1 All signals carried by the cable communications system shall be transmitted with a degree of technical quality not less than that prescribed by rules of the federal and state regulatory agencies having jurisdiction.

12.2 Operation of the cable communications system shall be such that no interference will be caused to broadcast and satellite television and radio reception, telephone communication, amateur radio communication, aircraft and emergency communications, or other similar installation or communication within the franchise area.

13.0 SYSTEM MAINTENANCE AND REPAIR

X 13.1 The Franchisee shall establish and adhere to maintenance policies which guarantee delivery of service to subscribers at or above the performance standards set forth herein.

X 13.2 When interruption of service is necessary for the purpose of making repairs, adjustments, or installations, the Franchisee shall do so at such time and in such manner as will cause the least possible inconvenience to subscribers. Unless such interruption is unforeseen or immediately necessary, the Franchisee shall give reasonable notice thereof to subscribers.

X 13.3 The company shall have a toll-free telephone so that requests for repairs or adjustments can be received at any time, twenty-four (24) hours per day, seven (7) days per week.

X 13.4 The response of the Franchisee to such requests shall be in accordance with Federal and State law and regulation at a minimum and, at all times, commensurate with the Franchisee's responsibility to maintain service to each subscriber with the degree of quality specified herein.

PART III — THE SERVICE

14.0 GENERAL SERVICE OBLIGATION

X 14.1 The Franchisee shall not unlawfully discriminate against any such person as to the availability, maintenance, and pricing of such cable service. Cable service will not be denied to any group of potential residential subscribers because of the income of the residents of the local area in which such group resides.

15.0 MUNICIPAL, LIBRARY AND SCHOOL SERVICE

X 15.1 The grantee shall maintain, without charge, one outlet to each state accredited Public School, Public Library and municipal building located in the Service Area served by the Cable system and listed in Exhibit A, and will provide free Basic Cable Service, for so long as the Cable System remains in operation in the Service Area. Any such school may install, at its expense, such additional outlets for classroom purposes as it desires, provided that such installation shall not interfere with the operation of Grantee's Cable System, and that the quality and manner of installation of such additional connections shall have been approved by the Grantee and shall comply with all local, State and federal laws and regulations. In addition, the Grantee shall furnish to the Grantor, without installation or monthly charges, one outlet to each Police and Fire Station, and to the administration building of the Grantor as listed in Exhibit A.

X 15.2 Limitations on Use. The Cable Service provided pursuant to this Section shall not be used for commercial purposes and such outlets shall not be located in areas open to the public. The Grantor shall take reasonable precautions to prevent any use of the Grantee's Cable System that results in the inappropriate use thereof or any loss or damage to the Cable System. The Grantor shall hold the Grantee harmless for any and all liability or claims arising out of the provision and use of Cable Service required by subsection 13.1 above. The Grantee shall not be required to provide any outlet to any such building where a standard drop of more than two hundred fifty (250) feet is required, unless the Grantor of building owner/occupant agrees to pay the incremental cost of any necessary extension or installation.

16.0 PUBLIC. EDUCATIONAL, AND GOVERNMENTAL ACCESS

X 16.1 The Franchisee shall designate no less than two (2) channels, or the requisite number above that as prescribed by Federal and State laws and regulations, on the cable communications system.

X 16.2 The Franchisee will maintain origination points at the following locations : a) Plattsburgh City Hall, b) Plattsburgh High School, c) Mountain Lake Public

Broadcasting, d) SUNY Plattsburgh. The Franchisee will provide such capability for an origination point at additional municipal and educational buildings as designated by the Municipality The Municipality shall be responsible for the half of the expense associated with providing the return signal and designated equipment for these additional origination points.

X 16.3 The Franchisee shall comply with the standards for public, educational and government (PEG) access as set forth in Section 895.4 of the PSC Rules and as proscribed by Federal law.

PART IV — FRANCHISEE'S OBLIGATIONS TO THE MUNICIPALITY

17.0 FRANCHISE FEE

X 17.1 Beginning with the effective date of this franchise, the Franchisee shall pay to the Municipality during the term of this franchise a quarterly sum equal to five percent (5%) or the maximum percentage allowed by law of the Franchisee's total Gross Revenue for the preceding quarter. Such payment shall be made on a quarterly basis for the periods January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31. Each such payment shall be due no later than sixty (60) days after the close of each such quarterly period.

X 17.2 Annually, a report prepared by the Franchisee setting out in detail the basis for the computation of the payment. Said report shall itemize receipts from all cable related services. The Franchisee also shall indicate on such report the source and amount of any and all credits taken against gross receipts and the franchise fee itself.

X 17.3 Upon thirty (30) days written notice to the Franchisee, the Franchising Authority shall have the right to audit the books and records of Franchisee to determine whether the Franchisee has paid the franchise fees owed. Said audit shall be conducted no more often than annually, and the audit period shall not be any greater than the previous three (3) years. The audit shall not last longer than six (6) months. Any undisputed additional amounts due to the Franchising Authority as a result of the audit shall be paid within sixty (60) days following receipt by Franchisee of the Franchising Authority's demand letter, which letter shall include the calculations and findings of the audit, or of execution by both parties of a Settlement Agreement of the audit. In the event the audit concludes that the Franchisee's payments hereunder were underpaid by an amount greater than 5% of the proper payment, then the Franchisee shall reimburse the Franchising Authority for the cost of said audit, in addition to making any additional payments required to bring the Franchisee into compliance with this section.

X 17.4 At any time during the term of this franchise, in the event that the law or regulations of the state and federal regulatory agencies having jurisdiction change to permit a fee in excess of that permitted on the effective date of this franchise, then the franchise fee shall be raised by the Franchisee to the maximum permitted, upon request and notice from the Municipality and with PSC approval.

X 17.5 The Franchisee will not apply franchise fees as credit against special franchise assessments as permitted by section 626 of the Real Property Tax Law of the State of New York.

18.0 INDEMNITY AND INSURANCE

X 18.1 The Grantee shall maintain throughout the term of the Franchise insurance in amounts at least as follows:

Workers' Compensation	Statutory Limits
Commercial General Liability	[$3,000,000] per occurrence, Combined Single Liability (C.S.L.) [$5,000,000] General Aggregate
Auto Liability including coverage on all owned, non-owned hired autos Umbrella Liability	[$3,000,000] per occurrence C.S.L.
Umbrella Liability	[$3,000,000] per occurrence C.S.L.

The Grantor shall be added as an additional insured to the above Commercial General Liability, Auto Liability and Umbrella Liability insurance coverage.

X 18.2 The Franchisee shall indemnify and save the Municipality harmless from any and all losses sustained by the Municipality by reason of any suit, judgment, execution, claim or demand whatsoever, including expenses, disbursements and reasonable attorney's fees, resulting from acts or omissions on the part of Franchisee in the construction erection, operation, maintenance or repair of its cable communications system within the Municipality pursuant to the exercise by Franchisee of the franchise rights grated herein, and for this purpose, Franchisee shall carry property damages and public liability insurance written by an insurance company licensed to do business in the State of New York in the amounts specified herein.

X 18.3 All such Franchisee insurance policies and certificates of insurance shall stipulate that the coverage afforded under the policies will not be cancelled until at least thirty (30) days prior written notice has been given to the Municipality.

X 18.4 Not later than sixty (60) days after the effective date of this franchise, the Franchisee shall furnish to the Municipality certificates of insurance.

19.0 RATES AND CHARGES

X 19.1 Rates and charges imposed by the Franchisee for cable television service shall be subject to the regulations of the F.C.C..

X 19.2 The Franchisee shall comply with all notice requirements contained in Federal and State law and regulations pertaining to rates and charges for cable television service.

X 19.3 The Franchisee shall not oppose, nor in any way object to, any request for certification filed by or on behalf of the Municipality with the Federal Communications Commission pursuant to the Cable Television Consumer Protection and Competition Act of 1992.

X 19.4 The Franchisee shall not unfairly discriminate against individuals or classes of individuals in the establishment and application of its rates and charges for service.

X 19.5 Senior and Handicapped Citizen Discount

(a) Current Subscribers receiving a Senior Citizen or Handicapped Citizen Discount as of the Execution Date of this Renewal shall continue, throughout the term of this Renewal, to receive an equivalent discount to that set forth in subsection (b), the following notwithstanding.

(b) For the term of this Franchise only, for those eligible pursuant to the provisions below, the Senior Citizen or Handicapped Citizen Discount shall be ten percent (10%) off of the price of the Basic Service tier of service, and shall not apply to any other channels or tiers and shall not apply to packages.

(c) To be eligible, a resident must meet the following criteria: sixty-five (65) years of age or older or handicapped and head of household and, in each case, receiving one of the following: (i) Supplemental Security Income (SSI); (ii) Medicaid; (iii) Veterans' Services Benefits; (iv) senior citizen real estate tax abatement, if any, pursuant to applicable law; or (v) any other suitable criteria that the Franchisee and the Issuing Authority mutually agree upon in writing as an amendment to this Franchise, with PSC approval.

(d) To establish eligibility, a resident shall bring or mail a photocopy of a valid driver's license, birth certificate or other document definitively establishing age, plus a photocopy of documentation definitively establishing receipt by the resident at time of application for this discount of any one of the programs listed in (i)-(iv) of Section 19.5(c). A resident need establish eligibility for this discount only once to continue receiving it so long as they remain a Subscriber.

20.0 EMPLOYMENT PRACTICES

X 20.1 The Franchisee 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.

21.0 MUNICIPALITY'S RIGHT TO EQUAL BENEFITS AND SERVICES

21.1 The Municipality has jointly negotiated the franchise terms herein with the other municipalities in the Clinton County Cable Television Council, including the City of Plattsburgh, the Village of Keesville, and the Towns of Ausable, Beekmantown, Chesterfield, Dannemora, Peru, Plattsburgh, Saranac and Schuyler Falls, and agrees that the terms and conditions of each franchise renewal agreement shall be identical for each municipality listed above.

22.0 MUNICIPALITY'S RIGHT TO INQUIRE ABOUT AND INSPECT SYSTEM

X 22.1 The Municipality, at any time, may make reasonable inquiries related to its regulatory responsibilities, concerning the management and operation of the cable communication system by the Franchisee. The Franchisee shall respond to such inquiries forthrightly and within two weeks.

X 22.2 Where repeated subscriber complaints causes the Municipality to question the reliability or technical quality of cable service, the Municipality shall have the right and authority to require the Franchisee to, test, analyze, and report on the performance of the cable communications system. The Franchisee shall cooperate fully with the Municipality in performing such testing.

X 22.3 The Municipality shall have the right, in the presence of a representative of the Franchisee, to inspect all construction or installation work performed subject to the provisions of this franchise and to make such tests as it shall find necessary to ensure compliance with the terms of this franchise and other pertinent provisions of law.

X 22.4 At all reasonable times and for the purpose of enforcement of this franchise, the Franchisee shall permit examination by any duly authorized representative of the Municipality, of the local cable communication system facilities, together with any appurtenant property of the Franchisee situated within the Municipality and outside of the Municipality if its is utilized in the operation of the Municipality's cable communications system. Such examination shall take place in the presence of a representative of the Franchisee.

23.0 MUNICIPALITY'S RIGHT TO INSPECT BOOKS AND RECORDS

X 23.1 To the extent not inconsistent with or prohibited by the provisions of Section 631 of the Cable Act and all other laws relating to subscriber privacy, the municipality reserves the right to inspect any and all records the Franchisee is required to maintain pursuant to this Franchise upon reasonable notice and during normal business hours. The Franchisee will make such materials available at its local business office. Municipality will maintain the confidentiality of any information obtained pursuant to this provision to the extent permitted by law, provided Franchisee has advised Municipality of the confidential nature of the information. In the event that Municipality receives a request for the disclosure of such information with which it, in good faith, believes it must under law comply, then Municipality will give Franchisee notice of such request as soon as possible prior to disclosure in order to allow Franchisee to take such steps as it may deem appropriate to seek judicial or other remedies to protect the confidentiality of such information.

24.0 REPORTS TO BE FILED BY FRANCHISEE WITH THE MUNICIPALITY

X 24.1 Upon request the Municipality, the Franchisee shall file with the Municipality a copy of any technical, operational, or financial report the Franchisee submits to the PSC, the FCC, or other governmental entities that concern, directly or indirectly, the Franchisee's operation of the cable communications system in the Municipality.

X 24.2 The Franchisee shall prepare and submit to the Municipality an annual report setting forth the physical miles of plant construction and plant in operation within the Municipality during the Franchisee's previous fiscal year.

X 24.3 The Franchisee shall file with the Municipality, simultaneously with their delivery to subscribers in the Municipality, copies of all printed materials prepared for general distribution to subscribers.

X 24.4 The Franchisee shall furnish to the Municipality such additional information and records with respect to the operation, affairs, transactions or property of the cable communications system and the service provided to the Municipality under this franchise, as may be reasonably necessary and appropriate to the performance of any of the rights, functions or duties of the Municipality in connection with this franchise as determined by the Municipality.

X 24.5 Any valid reporting requirements contained in the franchise may be satisfied with system-wide statistics, except for reporting requirements related to franchise fees and customer complaints.

25.0 MANDATORY RECORDKEEPING

X 25.1 The Franchisee shall comply with all record keeping requirements established by Federal and State law and regulation. If such law or regulation permits the later destruction of said records, the Franchisee shall provide the Municipality with ninety (90) days prior written notice of its intention to destroy said records to permit the Municipality to inspect said records if it so desires.

X 25.2 The Franchise shall maintain a full and complete set of plans, records and "as built" maps showing the exact location of all cable installed or in use in the territorial limits of the Municipality. In accordance with PSC Rule 896.6 (a), the Franchisee shall maintain an up-to-date map or other technical records showing the physical location of all cable routes, service areas, receive sites and other interconnection points. The scale of such maps and detail of other technical information shall be such as to permit the determination of franchise areas and subscribers served.

26.0 EMERGENCY USE

X 26.1 If the Grantee provides an Emergency Alert System ("EAS"), then the Grantor shall permit only appropriately trained and authorized persons to operate the EAS equipment and shall take reasonable precautions to prevent any use of the Grantee's Cable System in any manner that results in inappropriate use thereof, or any loss or damage to the Cable System. The Grantor shall hold the Grantee, its employees, officers and assigns harmless from any claims or costs arising out of use of the EAS, including, but not limited to, reasonable attorneys' fees and costs.

PART V -- FRANCHISEE'S OBLIGATIONS TO SUBSCRIBERS AND CUSTOMER SERVICE REQUIREMENTS

27.0 COMPLIANCE WITH FEDERAL AND STATE LAW AND REGULATION

X 27.1 The Franchisee shall comply with all Federal and State laws and regulations, as well as with all industry codes of good practice, that regulate the Franchisee's customer service responsibilities. In the event of conflicting provisions, the Franchise shall comply with the provision establishing a stricter standard. The franchisee will comply with the customer service and consumer protection standards set forth in PSC Rules Parts 890 and 896.

28.0 EMPLOYEE IDENTIFICATION/TRAINING

X 28.1 Each employee of the Franchisee, including employees of contractors and subcontractors employed by the Franchisee, shall have prominent picture identification that clearly identifies the employee as a representative of the Franchisee. All vehicles of the Franchisee, including those of contractors and subcontractors employed by the Franchisee, shall be clearly and consistently identified with the Franchisee's logo or name.

29.0 REQUIREMENT FOR ADEQUATE TELEPHONE SYSTEM

X 29.1 The Franchisee shall utilize a toll-free telephone system that meets the following minimum standards:

a) The telephone system, under normal operating conditions, shall have, at a minimum, enough incoming lines and adequate staff to process incoming calls such that each call is answered in four (4) rings and no caller is placed on hold for more than thirty (30) seconds to reach a customer service representative.

b) The rate of lost calls shall not exceed three (3%) percent in any one-month period.

c) No more than twenty percent (20%) of all calls shall trigger an overflow device that rolls over calls on hold for more than 30 seconds into a message recording system.

30.0 MISCELLANEOUS PROVISIONS

X 30.1 The Franchisee shall ensure that the subscriber's premises are restored to their original condition if damaged by the Franchisee's employees or agents in any respect in connection with the installation, repair, or disconnection of cable service. The Franchisee is liable for breaches of customer service standards and all other provisions of this franchise by its contractors, subcontractors or agents.

PART VI — GUARANTEE OF FRANCHISEE'S PERFORMANCE

31.0 PERIODIC PERFORMANCE EVALUATION SESSIONS

X 31.1 Upon thirty (30) days notification by the Municipality, the Franchisee shall be prepared to participate in a meeting or series of meetings evaluating the performance of the Franchisee under the franchise. The timing of such performance evaluation sessions shall be solely in the discretion of the Municipality; however, each such session shall not be initiated sooner than one year after the close of a previously conducted performance evaluation session. All performance evaluation meetings shall be open to the public.

X 31.2 Topics which may be discussed at any performance evaluation session may include, but not be limited to, system performance, compliance with this franchise and applicable law, customer service and complaint response, subscriber privacy, services provided, programming offered, service rate structures, franchise fees, penalties, free or discounted services, applications of new technologies, and judicial and FCC filings.

X 31.3 During review and evaluation, the Franchisee shall fully cooperate with the Municipality and shall provide such information and documents as the Municipality may reasonably need to perform its review.

X 31.4 Each performance evaluation session shall be deemed to have been completed as of the date the Municipality issues a final report on its findings.

32.0 GUARANTEE OF PERFORMANCE

X 32.1 Not later than thirty (30) days after the effective date of this franchise, the Franchisee shall obtain and maintain during the entire term of this franchise at its sole cost and expense, one performance bond to be posted in the amount fifty thousand dollars ($50,000), in a form satisfactory to the Clinton County Cable Television Council to guarantee the faithful performance by the Franchisee of its obligations as provided in this franchise and the coterminous franchises in the other municipalities that comprise the Clinton County Cable Television Council.

X 32.2 The performance and security bond shall be subject to but not be limited to the following conditions:

a) The total amount of the bond shall be forfeited in favor of the Municipality in the event, after thirty days written notice to the franchisee with opportunity for the latter to cure or challenge:

(i) The franchisee abandons service to any portion of the Municipality at any time during the term of the franchisee;

(ii) The franchisee assigns the franchise without the express written consent of the Municipality;

(iii) The franchisee fails to comply with sections 20.0, 18.0, and 11.0 pertaining to non-discrimination, insurance, and the cable system; or the

franchise is revoked pursuant to section 8.0; provided, that the bond may not be forfeited if the insurance required by section 18.0 is in effect but the insurance company has failed to furnish the evidence required under that section.

b) Not less than thirty days prior written notice to the Municipality shall be provided of the franchisee's intention to cancel, materially change, or not to renew the initial provisions of the bond.

X 32.3 Upon written application by the franchisee, the Clinton County Cable Television Council may at its sole option, permit the amount of the bond to be reduced or the Clinton County Cable Television Council may waive the requirements for a performance bond altogether subject to the conditions set forth below:

a) No reduction or waiver shall occur prior to one year following the commencement of this franchise agreement.

b) Reductions granted or denied upon application by the franchisee shall be without prejudice to the franchisee's subsequent applications, however, no application shall be made within one year of any prior application.

X 32.4 The rights reserved to the Municipality with respect to use of the performance and security bond are in addition to all other rights of the Municipality whether reserved by this franchise or authorized by law, and no action, proceeding or exercise of a right with respect to such fund shall affect any other rights the Municipality may have.

33.0 SECURITY FUND

33.1 In addition to the performance bond required, the franchisee shall deposit as a security fund in a bank within the City, no later than thirty days after the effective date of this franchise, the sum total of ten thousand dollars ($10,000) for the faithful performance by the franchisee of the provisions of this franchise and the other franchises within the Clinton County Cable Television Council; such fund shall be payable to a Special Account of the Clinton County Cable Television Council reserved for cable related expenditures only as determined by the Board of the Clinton County Cable Television Council, and shall be restored by the Franchisee, in full, to the amount prescribed in this section, within thirty days of any undisputed withdrawal from the security fund made pursuant to the terms of this Franchise.

33.2 If the Franchisee fails to make timely payment to the Municipality, or its designee, of any amount due under the penalty provisions of section 34.0, or fails to pay the Municipality within ten days of written notification that any such undisputed payment is due; or if the Municipality is compelled to pay for any undisputed damages, costs, or expenses because of any undisputed default of the Franchisee in conjunction with this Franchise, the Municipality may withdraw the necessary or prescribed amount from the security fund and utilize said amount to rectify or cure said undisputed default

33.3 No amount shall be withdrawn from the security fund described in the section if the event precipitating such withdrawal is the subject of a judicial challenge by the Franchisee, and until and unless final disposition by judicial authorities determines that

such payment must be made or the matter is otherwise settled by an agreement between the Franchisee and the Municipality.

34.0 PENALTIES FOR MATERIAL BREACHES

34.1 If the Franchisee fails to observe any obligation under the franchise and such breach of the franchise is insufficient to warrant revocation of the franchise, the Municipality may assess the Franchisee, and the Franchisee agrees to pay to the Municipality, subject to full due process and the notice and opportunity to cure provisions set forth in Section 8 herein, a monetary penalty in accordance with the schedule of penalties set forth in this section.

34.2 Within ten business days of receipt of a notice that the Franchisee has failed to comply with a provision of the franchise pursuant to 34.1, and only after a full due process and the notice and opportunity to cure provisions set forth in Section 8 herein, the Franchisee shall pay the full amount prescribed in this section to the Municipality.

34.3 Upon failure of the Franchisee to make timely payment of an undisputed assessed penalty, the Municipality shall have the right to withdraw the amount of such penalty from the security fund established pursuant to section 33.0. The Municipality shall provide Franchisee with written notification of any such withdrawal.

34.4 Amounts received by the Municipality as penalties assessed against the Franchisee, whether directly paid by the Franchisee to the Municipality or withdrawn from the security fund by the Municipality, shall be placed in a Special Account of the Municipality reserved for cable related expenditures only. Such Special Account shall be subject to audit and public disclosure.

34.5 Pursuant to this section, the following monetary penalties shall apply:

a) Willful failure to construct the system and make service available to existing households along a line extension agreed to by Franchisee and Municipality within 120 days of executing such an Agreement in writing, so long as such 120 days fall within the May 1st thru October 31st construction season -- $50.00/ day until completed.

b) In the event that the Franchise Fees herein required are not tendered on or before the dates fixed in Section 17.1 above, interest due on such fee shall accrue from the date due at the rate of one percent (1%) above the annual Prime Rate.

c) Failure to meet with the Municipality's Board, upon latter's reasonable request and upon reasonable advance written notice, as required in this Agreement, or to reasonably cooperate with performance evaluation sessions as required in this Agreement -- $100.00 per occurrence.

35.0 EFFECT OF MUNICIPALITY'S FAILURE TO ENFORCE FRANCHISE PROVISIONS

35.1 The Franchisee shall comply with any and all provisions of this franchise and applicable state and federal law and regulation. Once a breach of a provision or provisions is identified by the Municipality and the Franchisee is finally adjudged to have breached a provision or provisions as provided in this franchise, the penalty or revocation provisions of this franchise shall pertain as applicable.

35.2 Any fines or other claims arising out of any actual breach of this franchise shall be effective from the date such breach is found to have commenced. The Franchisee's responsibility to cure any such breach or remit any such fines or claims shall not be diminished by the failure of the Municipality to enforce any provision of this franchise and the Franchisee hereby agrees to waive any statute of limitations that may be applicable to any such breach during the term of this franchise.

36.0 NOTICES

36.1 a) Every notice and/or request to be served upon the Town/Franchising Authority shall be delivered by hand or sent by Federal Express or other express receipted delivery service or certified mail (postage prepaid) to the following address:

Town of Dannemora,
Town Hall,
1168 Cook Street
Dannemora, New York 12944
ATTN: Supervisor

or such other address as the Franchising Authority may specify in writing to the Licensee.

Every notice served upon the Franchisee shall be delivered by hand or sent by Federal Express or other express receipted delivery service or certified mail (postage prepaid) to the following address:

VP/General Manager,
Charter Communications,
95 Higgins Street,
Worcester, Massachusetts 01606,

with a copy sent to

Vice President, Government Affairs and Franchise Relations
East Division,
Charter Communications,
95 Higgins Street,
Worcester, Massachusetts 01606, and

Vice President, Government Affairs and Franchise Relations,
Charter Communications, Inc.,
Charter Plaza
12405 Powerscourt Drive,
St. Louis, Missouri 63131

or such other address as the Franchisee may specify in writing to the Franchising Authority. The delivery shall be equivalent to direct personal notice, direction or order, and shall be deemed to have been given at the time of receipt of such notice.

b) All required notices shall be in writing.

Signatures

Town of Dannemora, NY

Barbara A Douglas

Date: 2/25/2009

NY Public Service Commission

Date:

AUSABLE CABLE TV. INC
~~Falcon First Cable of New York, Inc.~~
l/k/a Charter Communications

Signature:

Joshua L. Jamison
President
~~East~~ Division

3/24/09
Date

Signal Quality Measurements Signal Stability Tests

Principle Headend: Plattsburgh, NY

Test Dates: 1/20/2009 to 2/13/2009
Reviewed by: Dan Rushford
Date Reviewed: 02/13/2009

PSID NUMBER: 0005149

GRADING SCALE:

1 - Pass
2 – Soft failure, does not affect picture quality ≤.5dB)
3 – Hard failure, impairs picture quality >.5dB)
NR - Not Received
* - (POST SCRIPT) SEE BELOW

Customer Signal Quality Measurements	SPEC.	HE	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9	TP10	TP11
Aural	4.5 MHz +/-5kHz	1	1	1	1	1	1	1	1	1			
Frequency Response	+/-2dB	1	1	1	1	1	1	1	1	1			
Signal Level (100 Ft.)	>3dBmV		1	1	1	1	1	1	1	1			
Signal Level (Sub. Term.)	>0dBmV		1	1	1	1	1	1	1	1			
V/A Carrier Separation *Baseband *Other	6.5-17dB 10-17 dB	1	1	1	1	1	1	1	1	1			
Carrier/Noise	>43dBc		1	1	1	1	1	1	1	1			
Signal/Coherent Distortion *S[illegible]lard	>53dB >49dB		1	1	1	1	1	1	1	1			
Hum	<3%		1	1	1	1	1	1	1	1			
Isolation	18dB		1	1	1	1	1	1	1	1			
System Stability Tests	SPEC.	HE	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9	TP10	TP11
Adjacent Carrier Levels	3dB		1	1	1	1	1	1	1	1			
Maximum Separation Any Two Carriers	11dB(+)		1	1	1	1	1	1	1	1			
Maximum Input Level	≤ MANU SPECS		1	1	1	1	1	1	1	1			
24-Hour Maximum Variation	8dB		1	1	1	1	1	1	1	1			

REMARKS : Dan T. Rushford 2/13/09

TECHNICAL STANDARDS
COMPLIANCE REPORT
SIGNAL QUALITY MEASUREMENTS

HEADEND

Plattsburgh, New York

PSID

0005149

DATE

February 13, 2009

.st Equipment: Signal Quality Measurements

Headend: Plattsburgh, New York **PSID Number: 0005149**

Make/Model	Serial Number	Calibration Date
Agilent 8591C	4109A04509	05/05/2008
Trilithic Bandpass Filter	200102124	05/05/2008
Agilent 3010R	PW03361227	05/05/2008
Agilent 3010R	SG41080279	05/05/2008
Agilent 3010R	SG41080278	05/05/2008
Tektronix 2714	B020609	05/05/2008

Charter Communications

Principal Headend Information

7309 Route 9, North
Plattsburgh, NY 12091
County of Clinton
LAT: (NAD83) 44-41-03 N
LONG: (NAD83) 73-26-45 W

Tower Site

68 Bridge Street
Plattsburgh, NY 12901
County of Clinton
Lat: (NAD83) 44-41-49.2 N
Long: (NAD83) 73-26-59.5 W

Channel Lineup Report

Division: East
Area: New England (KMA)
System: Plattsburgh, NY

Headend: Plattsburgh
Lineup: Plattsburgh, NY
LineupID: 135
Bandwidth: 750

Start Date: 1/1/2000
Last Change: 1/31/2009
Cutoff Date: 2/13/2009
Simulcast: No

Digital Control:
Location:
Max DMA: BURLINGTON-PLATTSBURGH
Min DMA: BURLINGTON-PLATTSBURGH

EIA Channel	Display Channel	Programming Service	Service Level	Launch Date	MC / RTC	Actual Change Date	Satellite - Transponder	Part Time	QAM	Switch Digital Broadcast	Local/PEG Feeds
80	0	SARA/Scientific Atlanta	Interactive Services	2/1/2001		2/7/2008	-		256 QAM	No	
02	2	WPTZ - NBC	Basic		RTC	6/10/2004	-			No	
03	3	WETK - PBS	Basic		MC	6/10/2004	-			No	
04	4	WVNY - ABC	Basic		RTC	6/10/2004	-			No	
05	5	CBFT SRC Montreal	Basic			12/1/2001	-			No	
06	6	CBMT CBC Montreal	Basic		RTC	3/31/2008	-			No	
07	7	WCFE - PBS	Basic		MC	6/10/2004	-			No	
08	8	WCAX - CBS	Basic		RTC	6/10/2004	-			No	
09	9	WFFF - FOX	Basic		RTC	6/10/2004	-			No	
10	10	WWBI-LP - IND	Basic		RTC	6/10/2004	-			No	
11	11	WFFF-DT2 (CW) - CW	Basic	12/31/2007	RTC	12/31/2007	-			No	
12	12	QVC	Basic			2/9/2005	AMC 10 - 9			No	
13	13	CFCF-TV CTV Montreal	Basic			12/29/2004	-			No	
14	14	Home Shopping Network	Basic	8/3/2000		12/1/2001	Satcom C4 DNU - 10			No	
15	15	Local Access	Basic			9/1/2007	-			No	1
16	16	Government Access	Basic			9/1/2007	-			No	1
17	17	Educational Access	Basic			9/1/2007	-			No	1
18	18	WGMU-LP - MyTV	Basic		RTC	2/9/2005	Galaxy 18 - 5			No	
20	20	EWTN	Basic			12/1/2001	Galaxy 15 - 11			No	
21	21	CSPAN	Basic			2/9/2005	AMC 11 - 7			No	
22	22	CSPAN2	Basic			12/1/2001	Satcom C4 DNU - 19			No	
23	23	TV Guide	Basic			12/1/2001	Galaxy 15 - 6			No	
24	24	YES Network	Exp Basic	3/20/2002		12/1/2002	Galaxy 17 - 9			No	
25	25	ESPN	Exp Basic			12/1/2001	Galaxy 15 - 9			No	
26	26	ESPN2	Exp Basic			12/1/2001	Galaxy 15 - 9			No	
27	27	Fox Sports Net New York	Exp Basic			12/1/2001	AMC 1 - 18			No	
28	28	Madison Square Garden	Exp Basic			2/9/2005	AMC 1 - 18			No	
29	29	Speed Channel	Exp Basic	8/1/2000		12/1/2001	Galaxy 17 - 6			No	
30	30	Versus	Exp Basic	8/1/2000		1/15/2003	Galaxy 17 - 7			No	
31	31	Golf Channel	Exp Basic	8/1/2001		9/1/2005	Galaxy 14 - 4			No	
32	32	TBS	Exp Basic			12/1/2001	Galaxy 14 - 6			No	
33	33	TNT	Exp Basic			12/1/2001	Galaxy 14 - 17			No	
34	34	USA	Exp Basic			2/9/2005	Galaxy 15 - 24			No	
35	35	Travel Channel	Exp Basic	8/1/2000		2/9/2005	AMC 10 - 13			No	
36	36	The Weather Channel	Exp Basic			2/9/2005	AMC 10 - 24			No	
37	37	MSNBC	Exp Basic	8/1/2001		6/21/2004	AMC 10 - 13			No	
38	38	CNN Headline News	Exp Basic			12/1/2001	Galaxy 14 - 22			No	
39	39	CNN	Exp Basic			12/1/2001	Galaxy 14 - 5			No	
40	40	CNBC	Exp Basic			6/21/2004	AMC 10 - 13			No	
42	42	FOX News Channel	Exp Basic	8/1/2001		12/1/2001	Galaxy 15 - 18			No	
43	43	The Learning Channel	Exp Basic	12/28/1999		9/1/2005	AMC 11 - 16			No	
44	44	HGTV/Home and Garden Television	Exp Basic	8/1/2000		9/1/2005	AMC 10 - 1			No	
45	45	Food Network	Exp Basic	8/1/2000		9/1/2005	AMC 11 - 9			No	
46	46	E!	Exp Basic	8/1/2000		6/21/2004	AMC 10 - 6			No	
45	47	Lifetime	Exp Basic			2/9/2005	AMC 11 - 4			No	
49	49	ABC Family	Exp Basic			2/9/2005	Galaxy 14 - 11			No	
50	50	The Discovery Channel	Exp Basic			12/1/2001	Satcom C4 DNU - 21			No	
51	51	Animal Planet	Exp Basic	8/1/2000		9/29/2003	Satcom C4 DNU - 14			No	
52	52	Nickelodeon-East	Exp Basic			12/1/2001	Satcom C4 DNU - 3			No	
54	54	The Disney Channel	Exp Basic			12/1/2001	Galaxy 14 - 7			No	
55	55	Cartoon Network	Exp Basic	8/1/2000		12/1/2001	Galaxy 15 - 8			No	
56	56	TV Land	Exp Basic	12/28/1999		2/9/2005	AMC 11 - 18			No	
57	57	AMC	Exp Basic	12/28/1999		12/1/2001	Galaxy 15 - 1			No	
58	58	Turner Classic Movies	Exp Basic	12/28/1999		9/1/2005	Galaxy 15 - 16			No	

59	59	History	Exp Basic	8/1/2000		2/9/2005	AMC 11 - 12			No
60	60	A&E	Exp Basic	8/1/2000		2/9/2005	AMC 11 - 12			No
61	61	Comedy Central	Exp Basic	12/28/1999	RTC	2/9/2005	AMC 11 - 21			No
62	62	Sci-Fi	Exp Basic	12/28/1999	RTC	2/9/2005	Galaxy 15 - 24			No
63	63	Spike TV	Exp Basic			2/9/2005	AMC 11 - 18			No
64	64	CMT	Exp Basic	12/28/1999		2/9/2005	AMC 11 - 18			No
65	65	VH-1	Exp Basic			9/1/2005	AMC 10 - 11			No
66	66	MTV	Exp Basic			9/1/2005	AMC 10 - 11			No
67	67	BET	Exp Basic			12/1/2001	Galaxy 14 - 20			No
68	68	National Geographic	Exp Basic	3/30/2001		12/1/2001	Galaxy 1R - 6			No
70	70	fx	Exp Basic	12/15/2001		12/15/2001	Galaxy 17 - 5			No
71	71	Style	Exp Basic	11/15/2000		2/9/2005	AMC 11 - 8			No
72	72	SportsNet New York	Exp Basic	4/15/2006		4/15/2006	AMC 1 - 12			No
73	73	TruTV	Exp Basic	2/1/2002		2/9/2005	AMC 11 - 6			No
74	74	Disney XD	Exp Basic	11/15/2000		2/9/2005	Galaxy 18 - 11			No
75	75	Off Track Betting	Exp Basic			12/1/2002	-			No
76	76	GSN (Game Show)	Exp Basic	4/30/2002		9/1/2005	AMC 11 - 8			No
78	78	MTV2	Exp Basic	11/15/2000		12/29/2004	AMC 11 - 15			No
95	95	Univision	Basic	1/1/1993		12/1/2002	Galaxy 3C - 5			No
96	96	Shop NBC	Basic	7/18/2003		7/18/2003	Galaxy 15 - 12			No
98	98	Inspirational Network	Basic	2/1/2002		5/1/2002	Galaxy 15 - 17			No
99	99	Local Access	Basic			9/1/2007	-	Yes		No
92	100	NY State Legislator Channel	Basic (Digital Only)	12/14/2005		12/14/2006	AMC 1 - 19		256 QAM	No
84	101	BBC America	Digital View Plus	11/15/2000		2/17/2003	AMC 11 - 22		256 QAM	No
84	102	Planet Green	Digital View Plus	11/15/2000		2/17/2003	AMC 11 - 22		256 QAM	No
84	103	Military Channel	Digital View Plus	11/15/2000		2/17/2003	AMC 11 - 22		256 QAM	No
84	104	Discovery En Espanol	Digital View Plus	11/15/2000		2/17/2003	AMC 11 - 22		256 QAM	No
100	105	Do It Yourself	Digital View	11/15/2000		2/9/2005	Galaxy 23 - 14		256 QAM	No
84	107	Discovery Kids	Digital View Plus	11/15/2000		2/17/2003	AMC 11 - 22		256 QAM	No
87	108	Nickelodeon Too-West	Digital View	11/15/2000		8/23/2006	AMC 11 - 15		256 QAM	No
87	109	Noggin	Digital View	11/15/2000		2/17/2003	Satcom C3 DNU - 15		256 QAM	No
87	110	The N	Digital View	11/15/2000		2/17/2003	Satcom C3 DNU - 15		256 QAM	No
87	111	Nicktoons Network	Digital View	6/1/2002		2/17/2003	Satcom C3 DNU - 15		256 QAM	No
79	112	Soap Net	Exp Basic (Digital Only)	11/15/2000		10/20/2008	Galaxy 18 - 11		256 QAM	No
101	114	WCFE-DT1 - PBS (Simultrans)	Basic (Digital Only)	11/1/2007	RTC	11/1/2007	-		256 QAM	No
101	115	WCFE-DT4 - PBS (Think Bright)	Basic (Digital Only)	11/1/2007	RTC	11/1/2007	-		256 QAM	No
110	130	Boomerang	Digital View Plus	7/29/2008		7/29/2008	Galaxy 15 - 16		256 QAM	No
87	173	ReelzChannel	Movie View	2/15/2008		7/1/2008	Galaxy 15 - 10		256 QAM	No
87	173	ReelzChannel	Digital View	5/15/2007		7/1/2008	Galaxy 15 - 10		256 QAM	No
69	175	Ovation	Digital View Plus	12/30/2008		12/30/2008	Galaxy 17 - 13		256 QAM	No
79	195	Lifetime Real Women	Digital View	12/29/2005		12/29/2005	Galaxy 18 - 20		256 QAM	No
110	196	Oxygen	Exp Basic (Digital Only)	2/2/2000		9/24/2008	Galaxy 17 - 13		256 QAM	No
94	197	Hallmark Channel	Exp Basic (Digital Only)	2/1/2002		10/20/2008	AMC 11 - 5		256 QAM	No
113	198	Bravo - East	Digital View	8/1/2001		9/24/2008	AMC 11 - 24		256 QAM	No
100	200	Lifetime Movie Network	Digital View	11/15/2000		2/9/2005	Galaxy 23 - 14		256 QAM	No
92	201	Women's Entertainment	Digital View	11/15/2000		12/14/2006	AMC 11 - 8		256 QAM	No
100	202	Independant Film Channel	Digital View Plus	11/15/2000		8/23/2006	Galaxy 23 - 14		256 QAM	No
80	203	Sundance-East	Digital View Plus	11/15/2000		2/9/2005	AMC 11 - 19		256 QAM	No
100	204	Fuse	Digital View Plus	11/15/2000		2/9/2005	Galaxy 23 - 14		256 QAM	No
87	205	mtvU	Digital View	12/29/2004		12/29/2004	Galaxy 18 - 17		256 QAM	No
87	206	MTV Tr3s	Digital View	11/15/2000		2/9/2005	AMC 11 - 15		256 QAM	No
87	207	MTV Jams	Digital View	11/15/2000		2/9/2005	AMC 11 - 15		256 QAM	No
87	208	MTV Hits	Digital View	6/1/2002		2/9/2005	AMC 11 - 15		256 QAM	No
87	209	VH-1 Classic	Digital View	11/15/2000		2/9/2005	AMC 11 - 15		256 QAM	No
87	210	VH-1 Soul	Digital View			2/9/2005	AMC 11 - 15		256 QAM	No
92	211	BET J	Digital View	6/30/2005		6/30/2005	Galaxy 17 - 3		256 QAM	No
87	212	CMT Pure Country	Digital View	11/15/2000		2/9/2005	AMC 11 - 15		256 QAM	No
92	213	Great American Country	Digital View	12/14/2006		12/14/2006	AMC 11 - 9		256 QAM	No
81	215	American Life TV	Digital View	12/29/2005		12/29/2005	Galaxy 15 - 22		256 QAM	No
92	218	Fine Living	Digital View Plus	12/29/2005		8/23/2006	AMC 11 - 3		256 QAM	No
87	220	Gospel Music Channel	Digital View Plus	12/29/2005		12/29/2005	Galaxy 17 - 21		256 QAM	No
87	250	Jewelry Television by ACN	Exp Basic (Digital Only)	2/8/2005		7/25/2008	Galaxy 23 - 21		256 QAM	No
100	290	G4	Digital View	12/28/1999		10/9/2007	AMC 10 - 12		256 QAM	No
83	295	WCAX-DT2 - CBS (Weather)	Basic (Digital Only)	11/1/2007	RTC	11/1/2007	-		256 QAM	No

101	296	WPTZ-DT2 - NBC (WeatherPlus)	Basic (Digital Only)	11/1/2007	RTC	11/1/2007	-	256 QAM	No
94	298	Fox Business Network	Digital View	12/30/2008		12/30/2008	Galaxy 17 - 8	256 QAM	No
84	300	The Science Channel	Digital ViewPlus	11/15/2000		2/17/2003	AMC 11 - 22	256 QAM	No
84	301	Discovery Health	Digital ViewPlus	11/15/2000		2/17/2003	AMC 11 - 22	256 QAM	No
84	303	Investigation Discovery	Digital ViewPlus	11/15/2000		2/17/2003	AMC 11 - 22	256 QAM	No
79	304	Bloomberg	Digital View	11/15/2000		2/9/2005	AMC 11 - 8	256 QAM	No
79	305	ABC News Now	Digital ViewPlus	3/28/2007		3/28/2007	Galaxy 18 - 20	256 QAM	No
79	306	ESPN Classic	Digital View	11/15/2000		8/23/2006	Galaxy 18 - 20	256 QAM	No
100	307	Biography	Digital ViewPlus	11/15/2000		2/9/2005	Galaxy 23 - 14	256 QAM	No
100	308	History Channel International	Digital ViewPlus	11/15/2000		2/9/2005	Galaxy 23 - 14	256 QAM	No
79	309	ESPNews	Sports View	6/29/2006		6/29/2006	Galaxy 18 - 20	256 QAM	No
94	310	Fox Soccer Channel	Sports View	2/17/2003		2/17/2003	Galaxy 17 - 6	256 QAM	No
94	311	Fox College Sports - Atlantic	Sports View	2/17/2003		2/17/2003	Galaxy 17 - 6	256 QAM	No
94	312	Fox College Sports - Central	Sports View	2/17/2003		2/17/2003	Galaxy 17 - 6	256 QAM	No
94	313	Fox College Sports - Pacific	Sports View	2/17/2003		2/17/2003	Galaxy 17 - 6	256 QAM	No
94	314	Fuel TV	Sports View	3/31/2004		8/23/2006	Galaxy 17 - 6	256 QAM	No
94	314	Fuel TV	Digital View	5/1/2006		8/23/2006	Galaxy 17 - 6	256 QAM	No
92	318	CBS College Sports Network	Sports View	2/8/2005		8/23/2006	Galaxy 15 - 22	256 QAM	No
79	319	The Tennis Channel	Sports View	12/29/2005		12/29/2005	Galaxy 23 - 15	256 QAM	No
79	321	ESPN U	Sports View	9/13/2007		9/13/2007	Galaxy 18 - 20	256 QAM	No
110	323	Outdoor Channel	Sports View	7/30/2006		7/30/2006	Galaxy 18 - 24	256 QAM	No
92	324	The Sportsman Channel	Sports View	2/28/2007		2/28/2007	Galaxy 23 - 1	256 QAM	No
94	327	HRTV	Sports View	4/4/2006		4/4/2006	Galaxy 17 - 19	256 QAM	No
92	329	Mav TV	Sports View	3/28/2007		3/28/2007	Galaxy 17 - 21	256 QAM	No
100	345	NHL Network	Sports View	11/1/2007		11/1/2007	Galaxy 17 - 9	256 QAM	No
69	346	MLB Network	Exp Basic (Digital Only)	12/30/2008		12/30/2008	Galaxy 17 - 4	256 QAM	No
85	350	NHL Center Ice/MLB Extra Innings	Digital PPV	8/16/2002		10/2/2007	AMC 1 - 13	256 QAM	No
85	351	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	352	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	353	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	354	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	355	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	356	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	357	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	358	NHL Center Ice/MLB Extra Innings	Digital PPV	2/1/2002		10/2/2007	AMC 1 - 13	256 QAM	No
85	359	NHL Center Ice/MLB Extra Innings	Digital PPV	11/1/2000		10/2/2007	AMC 1 - 13	256 QAM	No
85	360	NHL Center Ice/MLB Extra Innings	Digital PPV	1/22/2007		10/2/2007	AMC 1 - 13	256 QAM	No
85	361	NHL Center Ice/MLB Extra Innings	Digital PPV	1/22/2007		10/2/2007	AMC 1 - 13	256 QAM	No
85	362	NHL Center Ice/MLB Extra Innings	Digital PPV	1/22/2007		10/2/2007	AMC 1 - 13	256 QAM	No
85	363	NHL Center Ice/MLB Extra Innings	Digital PPV	1/22/2007		10/2/2007	AMC 1 - 13	256 QAM	No
88	400	HBO-East	Digital Premium	11/15/2000		2/1/2002	Galaxy 15 - 23	256 QAM	No
88	401	HBO 2-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 23	256 QAM	No
88	402	HBO Signature-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 23	256 QAM	No
88	403	HBO Family-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 23	256 QAM	No
93	404	HBO Comedy-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 18	256 QAM	No
93	406	HBO Zone-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 18	256 QAM	No
88	408	HBO Latino-East	Digital Premium	2/1/2001		12/1/2001	Galaxy 15 - 23	256 QAM	No
88	450	Cinemax-East	Digital Premium	11/15/2000		2/1/2002	Galaxy 15 - 23	256 QAM	No
88	451	More Max-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 23	256 QAM	No
88	452	Action Max-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 23	256 QAM	No
93	453	Thriller Max-East	Digital Premium	11/15/2000		12/1/2001	Galaxy 15 - 18	256 QAM	No
93	454	WMAX - E	Digital Premium	5/17/2001		8/23/2006	Galaxy 15 - 18	256 QAM	No
93	455	@MAX - E	Digital Premium	5/17/2001		8/23/2006	Galaxy 15 - 18	256 QAM	No
93	456	OuterMAX - E	Digital Premium	5/17/2001		8/23/2006	Galaxy 15 - 18	256 QAM	No
93	457	5StarMAX - E	Digital Premium	5/17/2001		8/23/2006	Galaxy 15 - 18	256 QAM	No
00	499	Charter DVR	NonVideo	5/10/2004		5/10/2004	-		No
89	500	Showtime-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No
89	501	Showtime Too-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No
89	502	Showtime Showcase-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No
89	503	Showtime Extreme-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No
89	504	Showtime Beyond-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No
89	506	FLIX-E	Exp Basic (Digital Only)	11/15/2000		7/22/2008	AMC 11 - 19	256 QAM	No
89	550	The Movie Channel-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No
89	551	TMC Xtra-East	Movie View	11/15/2000		8/23/2006	AMC 11 - 19	256 QAM	No

81	600	Starz-East	Digital Premium	9/4/2001		8/23/2006	Galaxy 15 - 13	256 QAM	No
81	601	Starz in Black-East	Digital Premium	9/4/2001		8/23/2006	Galaxy 15 - 13	256 QAM	No
81	602	Starz Kids and Family-East	Digital Premium	9/4/2001		8/23/2006	Galaxy 15 - 13	256 QAM	No
81	603	Starz Cinema-East	Digital Premium	9/4/2001		8/23/2006	Galaxy 15 - 13	256 QAM	No
81	630	Encore-East	Movie View	9/4/2001		8/23/2006	Galaxy 15 - 3	256 QAM	No
81	631	Encore Love-East	Movie View	9/4/2001		8/23/2006	Galaxy 15 - 3	256 QAM	No
81	632	Encore Action-East	Movie View	9/4/2001		8/23/2006	Galaxy 15 - 3	256 QAM	No
81	633	Encore Mystery-East	Movie View	9/4/2001		8/23/2006	Galaxy 15 - 3	256 QAM	No
81	634	Encore Drama-East	Movie View	9/4/2001		8/23/2006	Galaxy 15 - 3	256 QAM	No
81	635	Encore Westerns-East	Movie View	9/4/2001		8/23/2006	Galaxy 15 - 3	256 QAM	No
87	650	LOGO	Movie View	6/30/2005		6/30/2005	AMC 11 - 15	256 QAM	No
113	700	The Weather Channel HD	Exp Basic (HD Only)	7/18/2008		1/1/2009	AMC 11 - 24	256 QAM	No
114	701	FOX News Channel HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	Galaxy 15 - 4	256 QAM	No
101	702	WPTZ-DT - NBC	Basic (HD Only)	11/1/2007	RTC	11/1/2007	-	256 QAM	No
82	704	WVNY-DT - ABC	Basic (HD Only)	11/1/2007	RTC	11/1/2007	-	256 QAM	No
101	707	WCFE-DT - PBS	Basic (HD Only)	11/1/2007	RTC	11/1/2007	-	256 QAM	No
83	708	WCAX-DT - CBS	Basic (HD Only)	11/1/2007	RTC	11/1/2007	-	256 QAM	No
83	709	WFFF-DT - FOX	Basic (HD Only)	11/1/2007	RTC	11/1/2007	-	256 QAM	No
102	720	ESPN HD	Exp Basic (HD Only)	11/1/2007		1/1/2009	Galaxy 18 - 22	256 QAM	No
107	721	ESPN2 HD	Exp Basic (HD Only)	11/1/2007		1/1/2009	Galaxy 18 - 20	256 QAM	No
103	724	YES Network - HD	Exp Basic (HD Only)	11/1/2007		1/1/2009	AMC 1 - 6	256 QAM	No
112	725	Golf HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	Galaxy 14 - 4	256 QAM	No
112	726	Versus HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	Galaxy 14 - 4	256 QAM	No
115	727	HGTV HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	AMC 10 - 1	256 QAM	No
115	728	Food Network HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	AMC 10 - 1	256 QAM	No
113	729	Discovery HD	Exp Basic (HD Only)	7/18/2008		1/1/2009	AMC 10 - 5	256 QAM	No
103	730	HD Theater	HD Ultra View	11/1/2007		11/1/2007	AMC 11 - 16	256 QAM	No
108	731	TNT - HD	Exp Basic (HD Only)	11/1/2007		1/1/2009	Galaxy 13 - 23	256 QAM	No
103	732	Universal HD	HD Ultra View	11/1/2007		11/1/2007	AMC 11 - 24	256 QAM	No
109	733	Palladia	HD Ultra View	12/27/2007		5/16/2008	AMC 10 - 17	256 QAM	No
109	734	A&E HD	Exp Basic (HD Only)	11/1/2007		1/1/2009	Galaxy 14 - 23	256 QAM	No
109	735	History Channel HD	Exp Basic (HD Only)	11/1/2007		1/1/2009	Galaxy 14 - 23	256 QAM	No
114	736	The Learning Channel HD	Exp Basic (HD Only)	7/18/2008		1/1/2009	AMC 10 - 21	256 QAM	No
114	737	TBS HD	Exp Basic (HD Only)	7/18/2008		1/1/2009	Galaxy 15 - 8	256 QAM	No
111	738	Animal Planet HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	Galaxy 13 - 22	256 QAM	No
115	739	fx HD (East)	Exp Basic (HD Only)	12/24/2008		12/24/2008	Galaxy 17 - 22	256 QAM	No
110	741	National Geographic HD	Exp Basic (HD Only)	12/24/2008		12/24/2008	AMC 10 - 1	256 QAM	No
111	742	Smithsonian HD	HD Ultra View	12/1/2008		12/1/2008	AMC 11 - 17	256 QAM	No
102	750	HBO HDTV-East	HD Premium	11/1/2007		11/1/2007	Galaxy 13 - 10	256 QAM	No
108	751	Cinemax HDTV-East	HD Premium	11/1/2007		11/1/2007	Galaxy 13 - 11	256 QAM	No
107	753	Showtime HDTV-East	HD Premium	11/1/2007		12/3/2007	AMC 10 - 20	256 QAM	No
108	756	Starz HDTV-East	HD Premium	11/1/2007		11/1/2007	Galaxy 13 - 9	256 QAM	No
110	769	HDPPV	HD PPV	5/16/2008		5/16/2008	AMC 10 - 7	256 QAM	No
107	791	The Movie Channel HDTV-East	HD Premium	12/3/2007		12/3/2007	AMC 10 - 20	256 QAM	No
91	800	iN DEMAND Previews-Sports & Events	Digital PPV	11/1/2000		2/14/2007	AMC 10 - 18	256 QAM	No
91	801	iN DEMAND 1-Events	Digital PPV	11/1/2000		8/23/2006	AMC 11 - 3	256 QAM	No
91	802	iN DEMAND 2-Events	Digital PPV	11/1/2000		11/1/2000	AMC 11 - 3	256 QAM	No
91	803	iN DEMAND 3-Events	Digital PPV	11/1/2000		11/1/2000	AMC 11 - 3	256 QAM	No
91	804	iN DEMAND 4-Movies	Digital PPV	11/1/2000		11/1/2000	AMC 11 - 3	256 QAM	No
91	805	iN DEMAND 5-Movies	Digital PPV	11/1/2000		11/1/2000	AMC 11 - 3	256 QAM	No
91	806	iN DEMAND 6-Movies	Digital PPV	11/1/2000		11/1/2000	AMC 11 - 3	256 QAM	No
91	807	iN DEMAND 7-Movies	Digital PPV	11/1/2000		11/1/2007	AMC 11 - 3	256 QAM	No
86	894	Blox	Digital Adult - PPV	12/1/2005		12/1/2005	Galaxy 23 - 24	256 QAM	No
86	895	Clips	Digital Adult - PPV	12/1/2005		12/1/2005	Galaxy 23 - 24	256 QAM	No
86	896	Penthouse TV	Digital Adult - PPV	12/1/2005		12/1/2005	Galaxy 23 - 24	256 QAM	No
86	897	Blue	Digital Adult - PPV	12/1/2005		12/1/2005	Galaxy 23 - 24	256 QAM	No
86	898	Real	Digital PPV	1/3/2008		1/3/2008	Galaxy 23 - 24	256 QAM	No
86	899	Juicy	Digital PPV	1/3/2008		1/3/2008	Galaxy 23 - 24	256 QAM	No
90	901	MC - Sound of the Seasons	Music Audio (Digital Converter)	11/15/2000		9/18/2007	Galaxy 14 - 10	256 QAM	No
90	902	MC - Today's Country	Music Audio (Digital Converter)	11/15/2000		7/24/2002	Galaxy 14 - 10	256 QAM	No
90	903	MC - Classic Country	Music Audio (Digital Converter)	11/15/2000		7/24/2002	Galaxy 14 - 10	256 QAM	No
90	904	MC - Bluegrass	Music Audio (Digital Converter)	7/24/2002		8/23/2006	Galaxy 14 - 10	256 QAM	No
90	905	MC - Hip-Hop and R&B	Music Audio (Digital Converter)	11/15/2000		8/23/2006	Galaxy 14 - 10	256 QAM	No

90	906	MC - Classic R&B	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	907	MC - R&B & Soul	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	908	MC - R & B Hits	Music Audio (Digital Converter)	7/7/2004	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	909	MC - Rap	Music Audio (Digital Converter)	11/15/2000	7/24/2002	Galaxy 14 - 10	256 QAM	No
90	910	MC - Metal	Music Audio (Digital Converter)	11/15/2000	7/24/2002	Galaxy 14 - 10	256 QAM	No
90	911	MC - Rock	Music Audio (Digital Converter)	7/24/2002	7/24/2002	Galaxy 14 - 10	256 QAM	No
90	912	MC - Arena Rock	Music Audio (Digital Converter)	11/15/2000	7/24/2002	Galaxy 14 - 10	256 QAM	No
90	913	MC - Classic Rock	Music Audio (Digital Converter)	11/15/2000	7/24/2002	Galaxy 14 - 10	256 QAM	No
90	914	MC - Adult Alternative	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	915	MC - Alternative	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	916	MC - Retro-active	Music Audio (Digital Converter)	7/24/2002	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	917	MC - Electronica	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	918	MC - Dance	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	919	MC - Lite Hits	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	920	MC - Adult Top 40	Music Audio (Digital Converter)	9/18/2007	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	921	MC - Hit List	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	922	MC - Kidz Only!	Music Audio (Digital Converter)	9/18/2007	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	923	MC - Party Favorites	Music Audio (Digital Converter)	7/24/2002	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	924	MC - Showcase	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	925	MC - 90s	Music Audio (Digital Converter)	7/7/2004	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	926	MC - 80s	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	927	MC - 70s	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	928	MC - Solid Gold Oldies	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	929	MC - Smooth Jazz	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	930	MC - Jazz	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	931	MC - Blues	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	932	MC - Reggae	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	933	MC - Soundscapes	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	934	MC - Easy Listening	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	935	MC - Big Band & Swing	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	936	MC - Singers & Standards	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	937	MC - Show Tunes	Music Audio (Digital Converter)	7/24/2002	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	938	MC - Contemporary Christian	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	939	MC - Gospel	Music Audio (Digital Converter)	11/15/2000	8/23/2006	Galaxy 14 - 10	256 QAM	No
90	940	MC - Classical Masterpieces	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	941	MC - Light Classical	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	942	MC - Pop Latino	Music Audio (Digital Converter)	7/24/2002	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	943	MC - Musica Urbana	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	944	MC - Salsa Merengue	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	945	MC - Mexicana	Music Audio (Digital Converter)	11/15/2000	9/18/2007	Galaxy 14 - 10	256 QAM	No
90	946	MC - Rock 'En Espanol	Music Audio (Digital Converter)	7/24/2002	9/18/2007	Galaxy 14 - 10	256 QAM	No
86	947	MC - Americana	Music Audio (Digital Converter)	9/7/2006	9/7/2006	Galaxy 14 - 10	256 QAM	No
90	948	MC - Opera	Music Audio (Digital Converter)	7/24/2002	9/18/2007	Galaxy 14 - 10	256 QAM	No
80	1999	Technical Carrier	NonVideo	5/22/2007	5/22/2007	-	256 QAM	No
104	1999	Charter HSD	NonVideo	5/22/2007	3/31/2008	-	256 QAM	No
105	1999	Charter HSD	NonVideo	3/31/2008	3/31/2008	-	256 QAM	No
106	1999	Charter HSD	NonVideo	3/31/2008	3/31/2008	-	256 QAM	No
111	1999	Charter HSD	NonVideo	3/31/2008	3/31/2008	-	256 QAM	No
112	1999	Charter HSD	NonVideo	3/31/2008	3/31/2008	-	256 QAM	No

GENERAL STATEMENT OF QUALIFICATIONS

This Applies to each Technician Performing Any of the Tests

Headend: Plattsburgh, New York PSID Number: 0005149

Technician	*Job Title & Qualifications*
Tom Mattox	Head End Tech –25 Years in CATV
Dan Rushford	Chief Tech – 32 Years in CATV
Bob Greer	System Tech II– 20 Years in CATV
John Theisen	System Tech Senior – 7 Years in CATV
Roger Barrett	System Tech II- 20 Years in CATV
John Corrow	System Tech II- 7 years in CATV

Technical Manual

Gateway™ II Optical Node

Installation and Operation Manual

ANTEC Network Technologies

SECTION 1 GENERAL INFORMATION

1-1 Introduction to Manual

1-1 Operational Description

1-2 Functional Description
1-3 • Optical Receiver
1-3 • RF Amplifier
1-4 • Return Laser
1-5 • Powering
1-6 • Status Monitoring

1-6 Gateway™II Specifications

module was designed to accept an optical input level
-3 to +1 dBm with a 4% modulation index. The re-
e sub-assembly consists of a PIN diode detector fol-
bnd post amplifier. The optical connector provided
de of the standard units is an SC/UPC type. Received
is monitored via a voltage test point which is cali-
de 1 VDC per mW of received power. this data is also
ugh the network management transponder should one
ie RF output of the receiver module may be measured
irectional coupler test point which follows the post

ard is pictured in diagram contained in section 3 of
ng with calibration steps for the proper test point read-

ath RF amplifier sub-assembly consists of an input
d by three power doubler driven amplification stages.
hree stages is dedicated to a single output leg. At-
plug-in pads, may be accomplished at the input of
r hybrids. Equalizer slots are available prior to the
ie dedicated hybrid to port three and in common to
four. Signature correction may also be completed
units prior to the input hybrid and common to ports
Directional coupler type test points are provided at
ward path outputs, immediately following the diplex

RF sub-assembly accepts inputs from each of ports
r as well as a 5-200 MHz input from port one. Pads
d in each of the reverse legs preceding the reverse
ion stage. Input directional coupler type test points
each leg prior to the diplex filter. Programmable
" are reverse path diagnostic tools which may be
se legs of ports two through four. These three posi-
low selected reverse legs to be attenuated by 6 dB
ompliish reverse path ingress troubleshooting.

forward and reverse path attenuation, equalization
n stages as well as circuit routing are shown in fig-
e path set-up may be completed with the use of the
diagram highlighting this portion of the product in
this manual. Pads and equalizers are installed as
achieve the proper gain and slope. The following

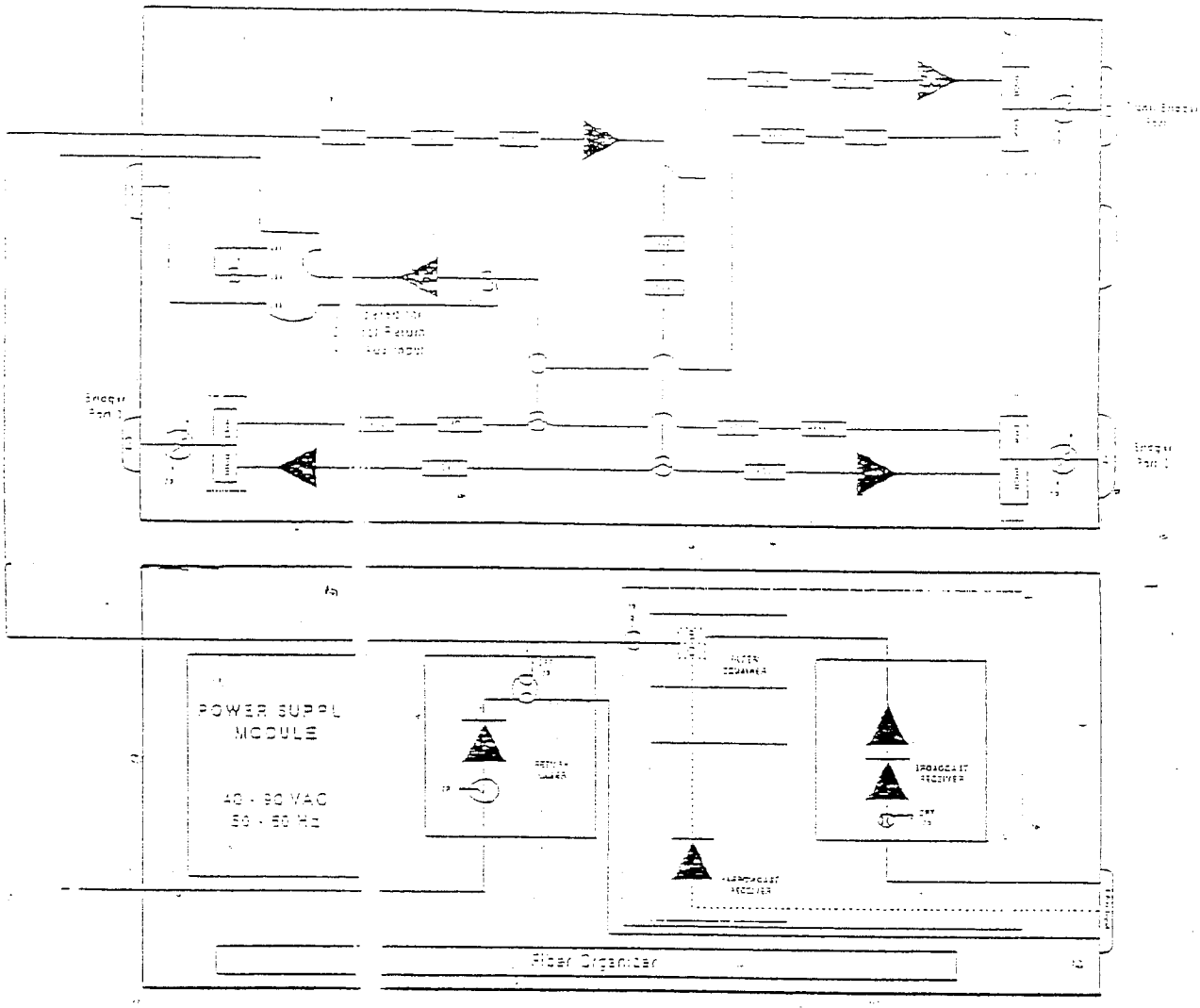


Figure 1-2. GatewayTM II Optical Node - Functional Block Diagram.

Powering - The Gateway II may be powered through any one of the four available RF ports. Quasi-square wave inputs from 40-90 VAC are supported. The necessary DC input to the electronics is provided by the PSR-3 switching power supply. Power routing for the unit is highlighted in diagrams contained in section 3. The diagrams outline AC input routing options and the subsequent DC provision to the subassemblies.

Gateway II Optical Node Specifications - Continued...

Characteristic	Specification
Reverse Path Gain to Port 1	11 dB
Output Ports [1]	1 - Series A
	3 - Series B
	3 - Series C
Frequency Response (FS Only) [?]	1.0 dB
Return Loss, Forward and Reverse	16 dB
Group Delay Channel 2	12 ηSec
Group Delay Channel 3	3 ηSec
Group Delay 35 to 40 MHz	45 ηSec
DC Current @ 24 Vdc Max [1]	1.3 Amp - Series A
	2.1 Amp - Series B and C
Maximum Amps per Port	15 Amps
Trunk 77 NTSC CH @ 34dBmV	
10 dB slope 54 - 750 MHz	
C/N	59 dB - Series A & B
CSO	64 dBc - Series A & B
CTB	73 dBc - Series A & B
XMOD	70 dBc - Series A & B
Bridger 77 NTSC CH @ 46 dBmV	
10 dB slope 54 - 750 MHz	
C/N	65 dB - Series B & C
CSO [4,7]	62 dBc - Series B & C
CTB [4,7]	66 dBc - Series B & C
XMOD [4,7]	64 dBc - Series B & C
AC Input Range [1]	40 - 90 Vac
AC Frequency Range [1]	1 - 60 Hz
AC Current @ 90 Vac & 60Hz [1]	1.1 Amp
AC Current @ 80 Vac & 60Hz [1]	1 Amp
AC Current @ 70 Vac & 60Hz [1]	1.1 Amp
AC Current @ 60 Vac & 60Hz [1]	1.3 Amp
AC Current @ 50 Vac & 60Hz [1]	1.5 Amp
AC Current @ 40 Vac & 60Hz [1]	2 Amp
Hum Modulation 5-15 MHz [1]	-65 dBc
Hum Modulation 15-750 MHz [1]	-70 dBc
Environmental	
Temperature	-40°C to +60°C

Notes:

1. Complete Station (input and interstage EQ's) at 68° F and operational gain, no return laser.
2. No input and interstage EQ's.
3. 750 MHz.
4. 77 Chs from 54 and 550 MHz at 46 dBmV station output Bridger Ports [illegible]

(Continued on next page)

Technical Manual

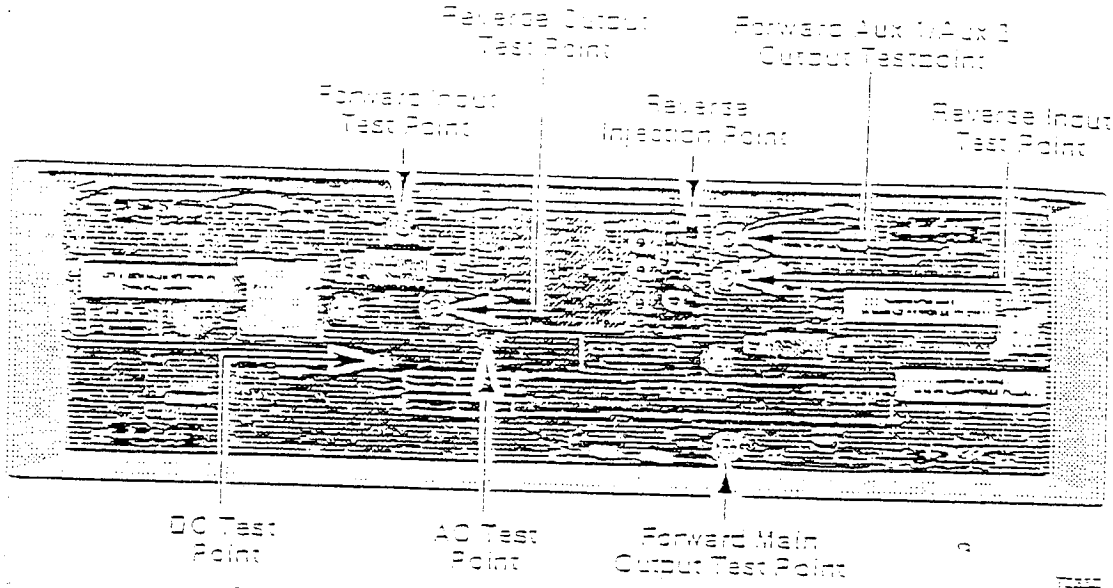
Gateway II Optical Node

Installation and Operation Manual

ANTEC Network Technologies

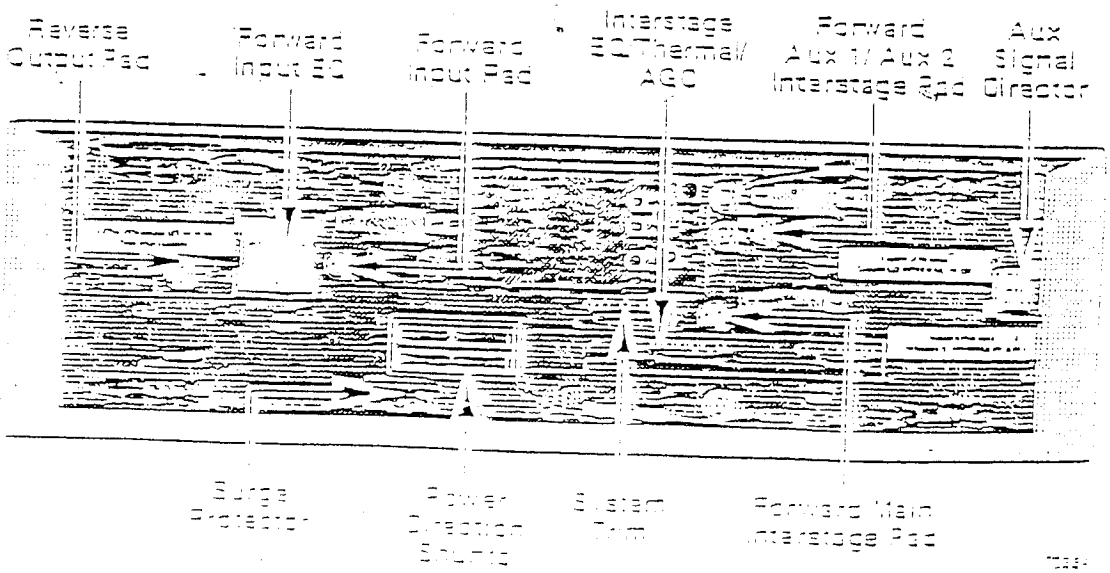
Low Gain Dual test points

The following diagram shows the test points of the Low Gain Dual System Amplifier III with the reverse amplifier installed.



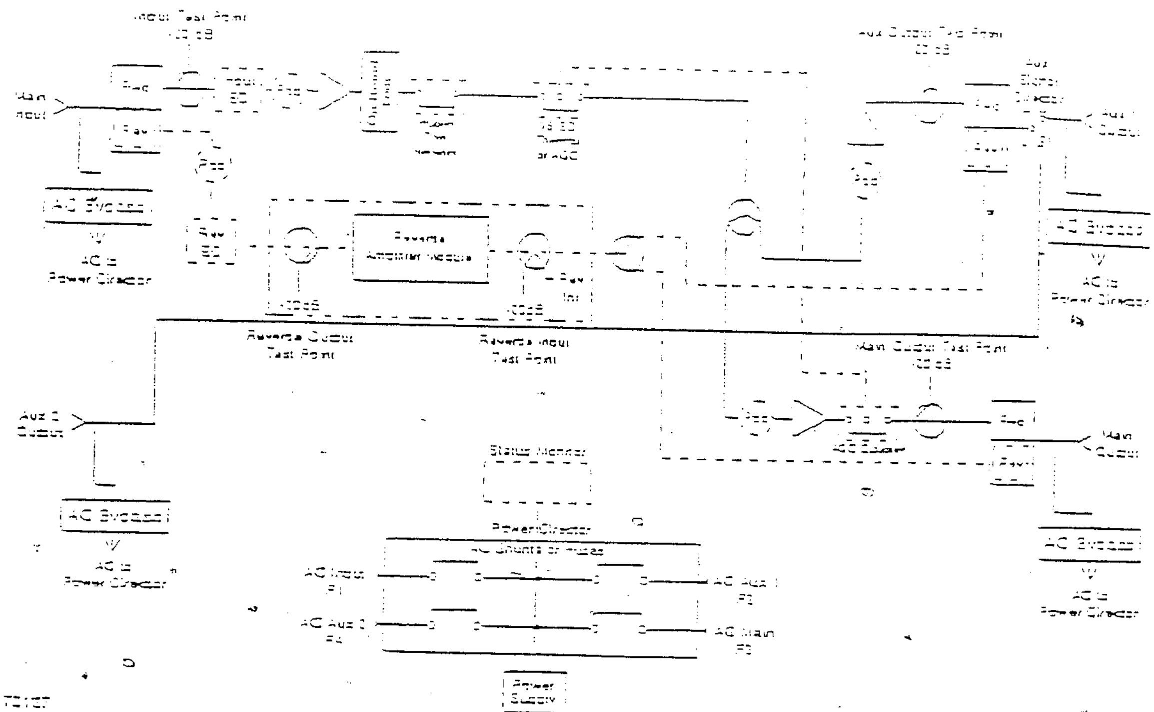
Low Gain Dual accessories

The following diagram shows the accessories of the Low Gain Dual System Amplifier III with the reverse amplifier installed.



Low Gain Dual

The following diagram shows the block diagram of the 750 MHz Low Gain Dual Output System Amplifier III.



Continued on next page

1 Introducing the 750 MHz Line Extender III PHD

Factory installed accessories

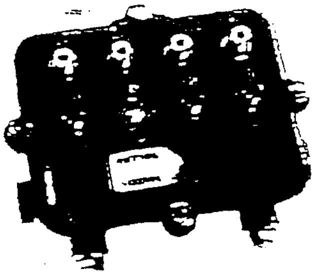
The following table contains the factory installed accessories used with the LEIII PHD.

Accessory	Part Number	Location
Reverse EQ 0 dB jumper	561653	EQ1
Reverse filter	561947	A2
Reverse filter	561948	A3
System Trim 0 jumper	548373	A4

Miscellaneous accessories

The following table contains the miscellaneous accessories used with LEIII PHD, and the jumper wires that must be removed before installing each accessory.

Accessory	Part Number	Location/Jumper to be Removed
Surge protector	467351	A5/no jumper



1 GHz Eight Way Wide Body Tap with Blocking Capacitors

REGAL

Frequency (MHz)	5-10	10-20	20-400	400-500	500-600	600-900	900-1000
Isolation (dB minimum, Tap to Tap	18	20	20	20	20	19	18
RMT10880-17	18	20	20	20	20	18	18
Return Loss (dB minimum)	18	18	20	18	17	18	18
RMT10880-17 Input	15	18	18	18	17	15	15
Tap Loss Tolerance							
11.0 to 29.0 dB	±1.0	±1.0	±1.0	±1.0	±1.3	±1.7	±2.0
32.0 to 35.0 dB	±1.0	±1.0	±1.0	±1.0	±1.5	±2.1	±2.5
EMI Shielding (dB minimum)	100	100	100	100	100	100	100
Hum Modulation 7-Amps (dB minimum)	55	55	55	55	55	55	55
Power Rating	7 Amps AC/DC, 60-90 Volts, 1-60 Hz						

Worst Case Performance Specifications

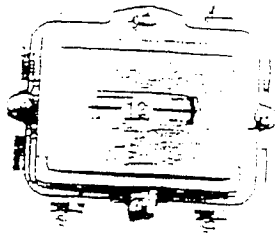
RMT10880-	11.0	14.0	17.0	20.0	23.0	26.0	29.0	32.0	35.0
Color Code	GOLD	BLUE	NAVY	ORANGE	TAN	ORANGE-RED	PURPLE	RED	GREEN
Insertion Loss (dB maximum)									
5 MHz	-	3.7	1.8	1.4	1.2	1.1	0.9	0.9	0.9
50 MHz	-	3.7	1.9	1.3	1.1	0.9	0.9	0.9	0.9
300 MHz	-	4.0	2.0	1.4	1.1	0.9	0.9	0.9	0.9
400 MHz	-	4.1	2.1	1.5	1.1	1.0	1.0	1.0	1.0
500 MHz	-	4.2	2.4	1.7	1.3	1.2	1.2	1.2	1.2
600 MHz	-	4.4	2.6	1.9	1.7	1.3	1.3	1.3	1.3
700 MHz	-	4.5	2.7	2.0	1.7	1.4	1.4	1.4	1.4
800 MHz	-	4.7	3.1	2.2	1.7	1.6	1.5	1.6	1.6
900 MHz	-	4.7	3.2	2.4	2.0	1.6	1.5	1.6	1.6
1000 MHz	-	4.9	3.5	3.1	2.2	1.8	1.8	1.8	1.8
Out-To-Tap Isolation (dB minimum)									
5 MHz	-						-		
50 MHz	-	18	20	28	25	35	38	40	42
300 MHz	-	25	20	25	25	37	40	42	43
400 MHz	-	25	20	23	25	35	35	42	44
500 MHz	-	25	21	23	25	33	34	40	44
600 MHz	-	22	20	21	23	33	33	40	42
800 MHz	-	22	20	20	23	32	33	38	41
900 MHz	-	20	19	19	23	33	28	33	33
1000 MHz	-	18	19	19	23	27	25	37	31

Specifications subject to change without notice.

1 All 8 way taps are wide body

System Passives - 750 MHz

SCIENTIFIC-ATLANTA



Ordering Information

Order No.	Mfg. No.
SCI 204029	SAS2F
SCI 148725	SAS3F
SCI 148726	SAS3UF
SCI 204027	SADC6F
SCI 148728	SADC12F
SCI 148729	SADC16F
SCI 148730	SAIF

Specifications - splitters and directio

Frequency range	
Frequency response, cable equivalent, all ports	
Return loss, all ports	5-450 MHz: 21 dB; [illegible]
Hum modulation at 10 A	5-10 MHz: 66 dB 450-550 MHz: 67 dB; 55
Power passing	

Power inserter

Frequency range	
Frequency response, cable equivalent, all ports	
Return loss, all ports	5-450 MHz: 20 dB; 45
Hum modulation at 10 A	5-10 MHz: 66 dB; 60 450-550 MHz: 67 dB; 55
Power passing	15 A, 60 VAC max. input port; output port no more than 15A total

Mfg. No.	Type/tap loss	Maximum insertion loss (dB) 5 MHz	30 MHz	50 MHz	400 MHz	450 MHz	550 MHz	600 MHz	750 MHz
Splitters									
SAS2F	2-way	3.8	3.7	3.7	3.8	4.0	4.0	4.3	4.6
SAS3F	3-way balanced	6.8	6.7	6.7	6.9	7.0	7.1	7.5	8.2
SAS3UF	3-way unbalanced	3.8	3.7	3.7	3.8	4.0	4.3	4.3	4.9
[illegible]		6.8	6.7	6.7	6.9	7.0	7.1	7.5	8.2
Directional couplers									
SADC6F	6.5	1.4	1.5	1.5	1.6	1.7	2.0	2.3	2.4
SADC12F	12.0	0.7	0.8	0.9	1.1	1.2	1.6	1.6	2.0
SADC16F	16.0	0.6	0.7	0.7	0.9	0.9	1.3	1.3	1.7
Power inserter									
SAIF	—	0.3	0.4	0.4	0.5	0.5	0.6	0.6	1.2

Splitters		Minimum isolation, tap-to-output (dB)							
SAS2F	2-way	35	30	30	27	27	27	27	25
SAS3F	3-way balanced	30	25	25	25	25	25	25	23
SAS3UF	3-way unbalanced	31	30	30	28	28	26	26	23
[illegible]		25	25	25	25	25	25	25	23
Directional couplers									
SADC6F	6.5	18	23	23	23	23	23	20	20
SADC12F	12.0	23	27	27	27	27	26	24	24
SADC16F	16.0	28	30	30	30	30	28	26	25
Power inserter									
SAIF	—	75	70	70	70	65	61	61	60

1GHz Directional Couplers

REGAL

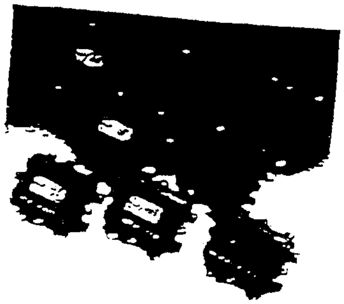
Worst Case Performance Specifications

Frequency (MHz)	5-10	10-50	50-300	300-400	400-500	500-600	600-900
Insertion Loss (dB maximum)							
RLDC10-8	2.5	2.4	2.7	2.8	2.9	3.2	[illegible]
RLDC10-12	2.0	1.8	2.0	2.1	2.4	2.6	3.0
RLDC10-16	1.7	1.6	2.0	2.1	2.4	2.6	3.0
Return Loss (dB minimum)							
RLDC10-8	15	15	15	17	20	18	17
RLDC10-12	15	15	15	19	20	18	17
RLDC10-16	15	15	17	19	20	18	17
Isolation (dB minimum)							
RLDC10-8	25	30	28	27	24	21	18
RLDC10-12	28	28	28	27	25	23	19
RLDC10-16	25	25	27	27	27	24	19
EMI Shielding (dB minimum)	100	100	100	100	100	100	100
Hum Modulation 10 Amp (dB minimum)	55	55	60	60	60	60	60
Power Rating	12 Amps AC/DC, 60-90 Volts, 1-60 Hz						

Nominal Performance Specifications

Frequency (MHz)	5-10	10-50	50-300	300-400	400-500	500-600	600-900
Tap Loss (dB maximum)							
RLDC10-8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
RLDC10-12	13.0	13.0	12.5	12.5	12.5	12.5	13.0
RLDC10-16	17.5	17.5	17.5	17.0	17.0	17.0	17.0
Loss tolerance	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0
Insertion Loss							
RLDC10-8	1.9	1.8	2.1	2.0	2.0	2.0	2.8
RLDC10-12	1.0	1.0	1.4	1.4	1.4	1.6	1.6
RLDC10-16	1.1	1.1	1.3	1.3	1.3	1.3	1.3

Ordering Information on Pages H57-H58



1GHz Line Splitter

REGAL

Worst Case Performance Specifications

RLS10-2 • RLS10-2SP with surge protection

Frequency (MHz)	5-10	10-50	50-300	300-400	400-500	500-600	600-900	900-1000
Insertion Loss (dB maximum)	4.3	4.2	4.6	4.6	5.0	5.2	5.4	5.7
Return Loss (dB minimum)	16	18	19	20	20	18	17	16
Isolation (dB minimum)	21	23	25	25	23	25	20	18
EMI Shielding (dB minimum)	100	100	100	100	100	100	100	100
Hum Modulation 10 Amp (dB minimum)	55	55	60	60	60	60	60	60
Power Rating	12 Amps AC/DC, 60-90 Volts, 1-60 Hz							

RLS10-3 • RLS10-2SP with surge protection

Frequency (MHz)	5-10	10-50	50-300	300-400	400-500	500-600	600-900	900-1000
Insertion Loss (dB maximum) ports 2,3	6.0	8.0	8.2	8.4	8.5	8.7	9.0	9.2
port 4	4.4	4.3	4.8	4.8	5.2	5.4	5.7	6.0
Return Loss (dB minimum)	16	18	18	20	19	18	17	16
Isolation (dB minimum)	22	23	23	21	20	20	19	18
EMI Shielding (dB minimum)	100	100	100	100	100	100	100	100
Hum Modulation 10 Amp (dB minimum)	55	55	60	60	60	60	60	60
Power Rating	12 Amps AC/DC, 60-90 Volts, 1-60 Hz							

RLS10-3S

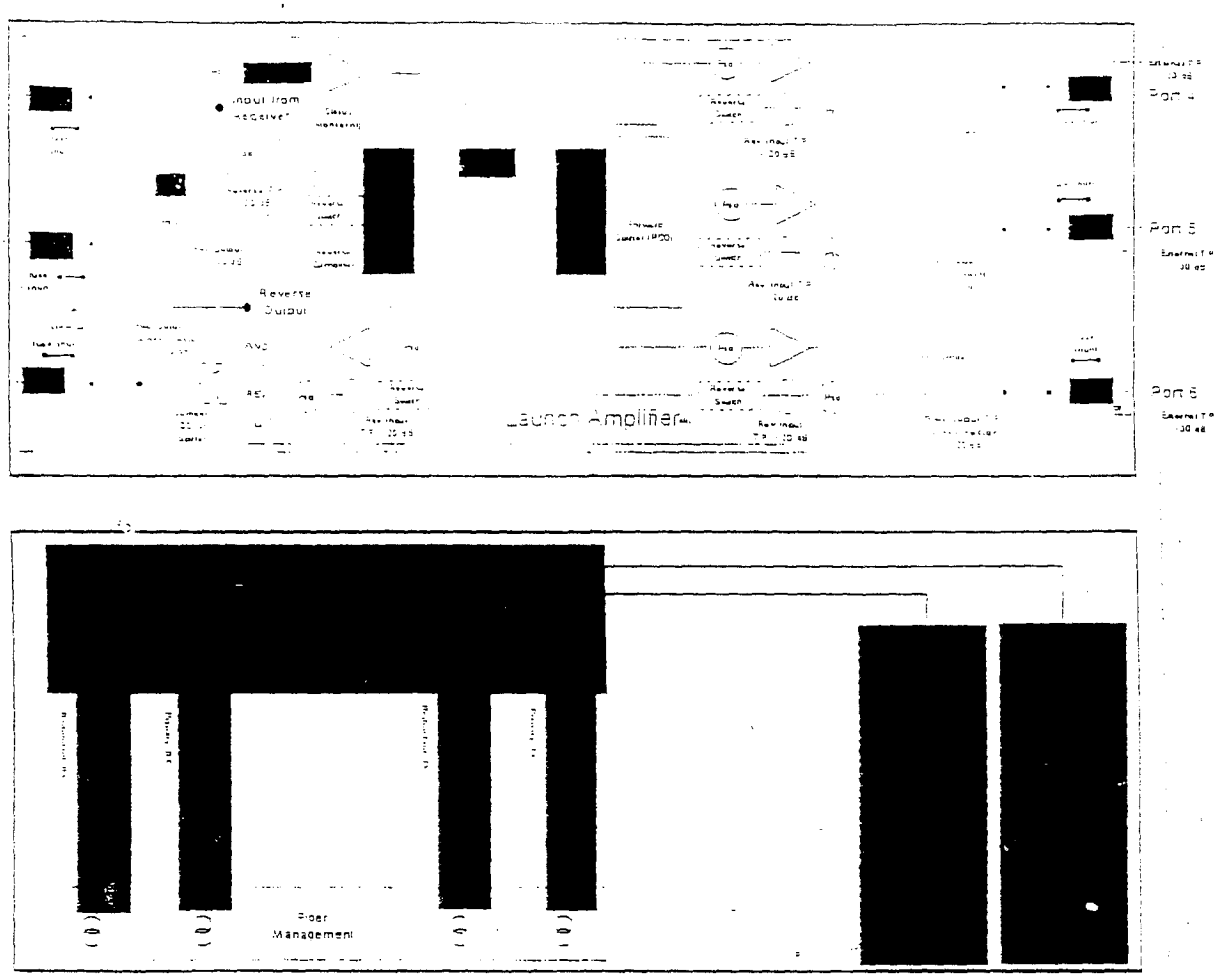
Frequency (MHz)	5-10	10-50	50-300	300-400	400-500	500-600	600-900	900-1000
Insertion Loss (dB maximum)	6.5	6.0	7.2	7.3	7.5	7.5	7.8	8.2
Return Loss (dB minimum)	16	17	17	18	17	17	15	15
Isolation (dB minimum)	18	23	23	21	20	20	19	18
EMI Shielding (dB minimum)	100	100	100	100	100	100	100	100
Hum Modulation 10 Amp (dB minimum)	55	55	60	60	60	60	60	60
Power Rating	12 Amps AC/DC, 60-90 Volts, 1-60 Hz							

Specifications subject to change without notice

Ordering Information on Pages H57-H59

Model 6940 Optoelectronic Node - 5-42/54-870 MHz

Block Diagram

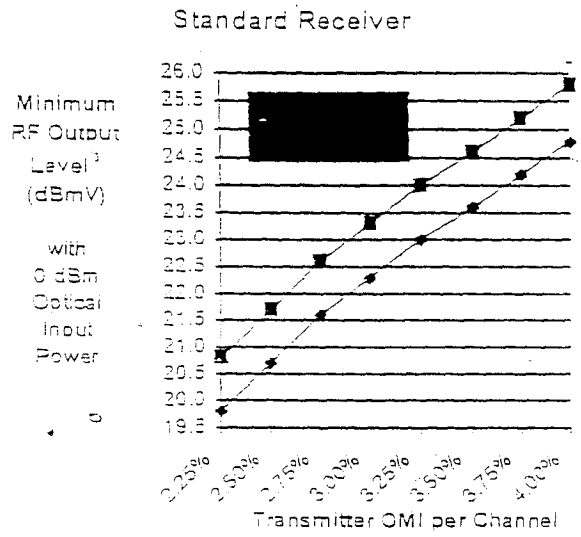


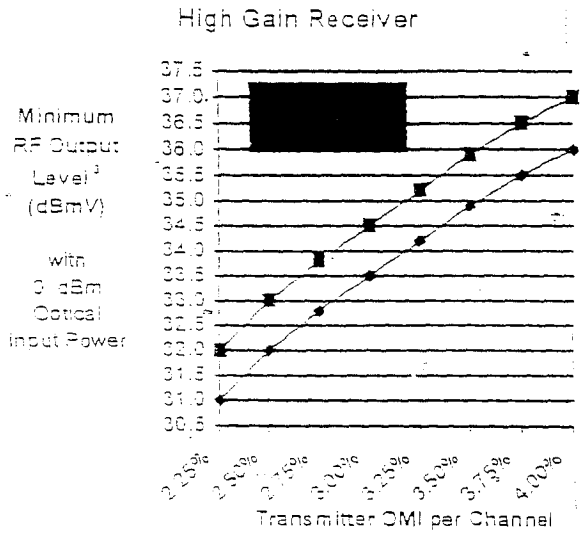
Model 6940 Optoelectronic Node - 5-42/54-870 MHz

Optical Section Specifications

Wavelength	nm	1310 and 1550	1310 and 1550	
Optical Input Range	dBm	-3 to -2.0	-3.0 to -1.0	
Pass Band	MHz	52-870	52-870	
Frequency Response	dB	± 0.75	± 0.75	1
Tilt (±1.5 dB)	dB	0	0	
Optical Input Test Point (± 20 %)	V DC	1V / mW	1V / mW	2
RF Output Test Point (± 1.0 dB)	dB	- 20	- 20	
RF Output Level	dBmV	See Chart Below	See Chart Below	3

Receiver RF Output Level Vs Transmitter OMI





Notes for Optical Section Specifications:

1. For forward receiver module only. Does not include frequency response contributions from forward optical transmitter.
2. Referenced to optical input power in milliwatts at 1310 nm.
3. Minimum receiver RF output level for the stated transmitter percent Optical Modulation Index (OMI) per channel, with receiver optical input power of 0 dBm. To determine RF output levels at other optical input power, add (or subtract) 2 dB in RF level for each 1 dB increase (or decrease) in receiver optical input power.

For reverse optical transmitter and link performance, see the "Analog Reverse Optical Transmitters for Model 6940/6944 and GainMaker™ Optoelectronic Stations" data sheet or the "Model 6940/44 and™ Digital Reverse" data sheet(s).

Unless otherwise noted, the above specifications reflect typical station performance at stated reference levels in the recommended operating configuration(s). Unless otherwise noted, specifications are based on measurements made in accordance with NCTA Recommended Practices for Measurements on Cable Television Systems using standard frequency assignments and are referenced to RF port(s).

Model 6940 Optoelectronic Node - 5-42/54-870 MHz

RF Section Specifications

Passband	MHz	54-870	5-42	
Amplifier Type	--	PHC	Push-Pull	
Return Loss	dB	16	16	
Hum Modulation @ 12A	dB	65	65	
Hum Modulation @ 16A	dB dB	65 (54-750MHz) 60 (751-870MHz)	65	
Internal RF Test Points (± 1 dB)	dB	-30	-30	
External RF Test Points (± 1.5 dB)	dB	-30	-30	

Operational Gain (minimum)	dB	26	4
Frequency Response	dB	±0.5	
Internal Tilt (± 1.0 dB)	dB	9.5	1.0
Noise Figure @ 870 MHz 750 MHz 650 MHz 550 MHz 54 MHz	dB	11 11.6 12.6 13.6 16.6	2
Reference Output Levels @... 870 MHz 750 MHz 650 MHz 550 MHz 156 MHz	dBmV	47.5 46.7 44 42.7 35	
Reference Output Tilt (55-870 MHz)	dB		
Composite Triple Beat	dB	73	6
Cross Modulation	dB	72	6
Composite Second Order (high side)	dB	73	6
Composite Triple Beat	dB	69	6
Cross Modulation	dB	67	6
Composite Second Order (high side)	dB	71	6
Composite Triple Beat	dB	64	6
Cross Modulation	dB	63	6
Composite Second Order (high side)	dB	66	6

Receiver position 1 and 2	dB	1.5	2.7	15

Unless otherwise noted, the above specifications reflect typical station performance at stated reference levels in the recommended operating configuration. Unless otherwise noted, specifications are based on measurements made in accordance with NCTA Recommended Practices for Measurements on Cable Television Systems using standard frequency assignments and are referenced to 68 F.

Model 6940 Optoelectronic Node - 5-42/54-870 MHz

RF Section Specifications (Cont'd)

Operational Gain (minimum)	dB	[illegible]	[illegible]
Frequency Response	dB	[illegible]	[illegible]
Noise Figure	dB	[illegible]	[illegible]
Reference Output Levels (5.5 and 40 MHz)	dBmV	[illegible]	[illegible]
Composite Triple Beat	dB	[illegible]	[illegible]
Cross Modulation	dB	[illegible]	[illegible]
Composite Second Order	dB	[illegible]	[illegible]

Amplifier Type		Push Pull	
Operational Gain (minimum)	dB	14	[illegible]

55.25 - 58.83	16	5.0 - 6.5	39
61.25 - 64.83	6	6.5 - 8.0	[illegible]
67.25 - 70.83	6	8.0 - 9.5	8
		37.5 - 39.0	15
		39.0 - 40.5	19
		40.5 - 42.0	27

Model 6940 Optoelectronic Node - 5-42/54-870 MHz

Specifications

Max. AC Through Current (continuous	Amps		15		
Max. AC Through Current (surge)	Amps		25		
Launch Amplifier with 8 RF hybrids	Amps	3.4	-	-	
Optical Interface Board	Amps	0.22	-	-	
6940/44 Status Monitoring Transponder	Amps	0.15	-	-	
6940/44 Standard Optical Receiver	Amps	0.08	0.01	0.035	
6940/44 High Gain Optical Receiver	Amps	0.08	0.01	0.035	
6940/44 Optical Transmitter-Standard Gain FP	Amps	0.14	-	0.07	
6940/44 Optical Transmitter-Standard Gain DFB	Amps	0.14	-	0.09	
6940/44 Reverse Switch	Amps	0.02	-	-	
Power Supply DC Current Rating	Amps	4.5	0.5	1.5	1
Power Supply Operating Efficiency	%		85		
AC Input Low Voltage Cutoff	V AC		38		
Minimum Restart Voltage	V AC		41		

1 Std Receiver & 1 DFB or FP Transmitter	3.16	AC Current (A)	1.3	1.4	1.4	1.4	1.4	1.5	1.7	1.8	1.9	2.1	2.4
		Power (W)	91	91	90	90	90	90	90	90	91	91	92
2 Std Receivers & 2 DFB or FP Transmitters	3.55	AC Current (A)	1.4	1.5	1.5	1.5	1.6	1.7	1.9	2.0	2.2	2.4	2.7
		Power (W)	103	103	102	102	102	102	102	102	103	103	104

Data is based on stations configured for 2-way operation with status monitor transponder. AC currents specified are based on measurements made with typical CATV type ferro-resonant AC power supply (quasi-square wave), and standard version DC power supply (pn 5809/02

Note:
1. The total DC power consumption of installed components should not exceed the power supply DC current rating.

Operating Temperature Range	degrees	-40°F to 140°F (-40°C to 60°C)
Relative Humidity Range	percent	5% to 95%

20.2 in. L x 10.8 in. H x 10.8 in. D (51.3 cm L x 27.4 cm H x 27.4 cm D)	Station with 1 RX, 1 TX, 2 power supplies: 37 lbs (16.8 kg)

Model 6940 Optoelectronic Node - 5-42/54-870 MHz

Ordering Information – Cont'd

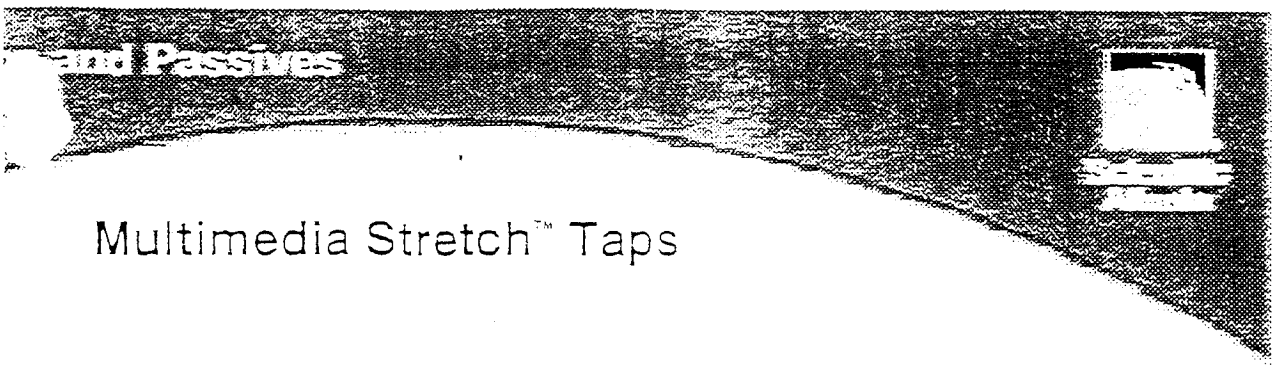
0 dB (jumper)	591024
1.5 dB	590986
3.0 dB	590987
4.5 dB	590988
6.0 dB	590989
7.5 dB	590990
9.0 dB	590991
10.5 dB	590992
12.0 dB	590993
13.5 dB	590994
15.0 dB	590995

1.5 dB	590010
3.0 dB	591011
4.5 dB	591012
6.0 dB	591013
7.5 dB	591014
9.0 dB	591015
10.5 dB	591016

0 dB (jumper)	591056
1.5 dB	591057
3.0 dB	591058
4.5 dB	591059
6.0 dB	591060
7.5 dB	591061
9.0 dB	591062
10.5 dB	591063
12.0 dB	591064

Scientific-Atlanta, Inc.
1-800-722-2009 or 770-236-5400
www.scientificatlanta.com

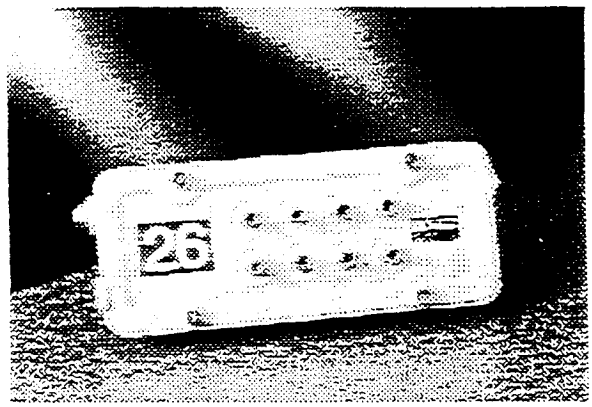
748557 Rev 5
June 2001



Multimedia Stretch™ Taps

ption

c-Atlanta's Multimedia Stretch™ Tap is designed to
he delivery of advanced applications and services in
ffective platform. In addition to providing high quality
rmance specifications that are essential to the reliable
sion of data and digital video services, the Multimedia
Tap includes the capability to house other
ance-enhancing options. As an example, we have
ed and field-tested a version of the plug-in directional
that cost-effectively balances reverse path signals
in a marked performance improvement in this
ing portion of your networks. Recently completed is
essable version of the Multimedia Stretch Tap
e that introduces significant operating cost savings
revenue-generating opportunities.



ystem upgrades, operators are challenged to quickly install new equipment while minimizing the impact on
licing taps is a time-consuming process complicated by a widened gap in the feeder cabling. Scientific-
imedia Stretch Tap features a nine-inch housing that fills this gap—without using costly or performance
extension connectors—providing operators with the fastest way to restore service and complete upgrade efforts.

es

nt-pending Connection-Beam AC/RF bypass switch, providing interruption-free service to downstream customers
ng faceplate removal
eplate-confined circuitry isolates and simplifies maintenance efforts
port power activation and protection, maximizing cost and customer service effectiveness
-inch housing, simplifying system upgrades
eplate reversibility, eliminating costly re-splicing
-in directional coupler, enabling field modification without costly resplicing
lable in 2-, 4-, and 8-way versions
patible with aerial or pedestal mounting
lable space for future enhancements
able powder paint coating for superior environmental protection

edia Stretch Tap

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

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

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

Multimedia Stretch Tap

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	5	-	-	3.48	3.8	1.91	2.2	1.16	1.5	0.85	1.2	0.76	1.1	0.76	1.1	0.76	1.1	0.76	1.1
(dB)	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	2.7	1.64	1.9	1.39	1.8	1.19	1.4	1.22	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	1.5	1.30	1.5	1.30	1.5
	750	-	-	3.69	4.4	2.40	3.3	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	4.7	2.55	3.3	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	5	4.96	5.0	7.76	8.0	11.39	12.0	13.79	15.0	16.66	18.0	19.87	21.0	22.71	24.0	25.87	27.0	28.27	30.0
(dB)	40	4.31	5.0	7.40	8.0	11.45	12.0	13.84	15.0	16.48	18.0	19.89	21.0	22.60	24.0	25.85	27.0	28.92	30.0
(Max tolerance	50	4.10	5.0	7.40	8.0	11.44	12.0	13.82	15.0	16.43	18.0	19.86	21.0	22.58	24.0	25.84	27.0	28.90	30.0
±1 dB)	450	4.79	5.0	7.95	8.0	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	8.0	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	8.0	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	8.5	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	12.5	13.67	15.5	16.39	18.0	19.56	21.0	22.85	24.0	26.37	27.5	28.96	30.0
Return Loss	5	16		14		12		13		14		14		14		14		14	
(dB, min)	10	14		15		15		15		15		15		15		15		15	
	50	16		15		16		15		15		15		15		15		15	
	750	16		15		15		15		15		15		15		15		15	
	870	16		15		15		15		15		15		15		15		15	
	1000	16		14		14		14		15		15		15		15		15	
Tap-to-Tap	5	18		18		18		18		18		18		18		18		18	
Isolation	750	18		18		18		18		18		18		18		18		18	
(dB,min)	1000	18		18		18		18		18		18		18		18		18	
Out-to-Tap	5	-		18		20		20		22		25		25		35		35	
Isolation	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 ST2-2	562642	Multimedia Stretch Tap 2-Way Faceplate Assembly
Directional Coupler Module	SAT STM2-0	540487	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	5	-	-	3.45	3.8	1.91	2.2	1.16	1.5	0.85	1.2	0.75	1.1	0.75	1.1	0.75	1.1
(dB)	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	1.8	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	1.5	1.30	1.5
	750	-	-	3.69	4.4	2.40	3.3	1.82	2.2	1.60	1.9	1.34	1.8	1.38	1.8	1.38	1.8
	870	-	-	3.97	4.7	2.55	3.3	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	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
(dB)	40	7.58	9.0	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
(Max tolerance	50	7.36	9.0	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
±1 dB)	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	9.0	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	29.8
	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	20.60	21.0	23.60	24.0	26.31	27.0	30.04	30.5
Return Loss	5	14		14		12		14		14		14		14		14	
(dB, min)	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	5	18		18		18		18		18		18		18		18	
Isolation	750	18		18		18		18		18		18		18		18	
(dB,min)	1000	18		18		18		18		18		18		18		18	
Out-to-Tap	5	-		18		20		22		25		25		35		35	
Isolation	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	563643	Multimedia Stretch Tap 4-Way Faceplate Assembly
Directional Coupler Module	SAT STM-0	543487	Multimedia Stretch Tap Module 0 dB
	SAT STM-4	562736	Multimedia Stretch Tap Module 4 dB
	SAT STM-7	562739	Multimedia Stretch Tap Module 7 dB
	SAT STM-10	562710	Multimedia Stretch Tap Module 10 dB
	SAT STM-13	562711	Multimedia Stretch Tap Module 13 dB
	SAT STM-16	562712	Multimedia Stretch Tap Module 16 dB
	SAT STM-19	562713	Multimedia Stretch Tap Module 19 dB
	SAT STM-22	562714	Multimedia Stretch Tap Module 22 dB
	SAT STM-25	562715	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		29dB	
	MHz	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max	Mean	Max
Insertion Loss	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
(dB)	40	-	-	3.18	3.6	1.47	1.7	0.87	1.2	0.60	1.0	0.49	1.0	0.50	1.0
	80	-	-	3.20	3.6	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	1.54	1.9	1.39	1.8	1.19	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
	750	-	-	3.69	4.4	2.40	3.0	1.82	2.2	1.60	1.9	1.34	1.8	1.38	1.8
	870	-	-	3.97	4.7	2.55	3.0	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	2.4	1.78	2.2	1.36	1.9	1.35	1.9
Tap Loss	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
(dB)	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
(Max tolerance	80	10.82	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
±1 dB)	450	11.07	13.0	14.56	15.5	17.77	19.0	20.16	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	13.5	15.55	16.5	18.52	19.0	20.44	21.0	23.94	24.0	26.23	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	5	14		14		12		14		14		14		14	
(dB, min)	10	14		15		15		15		15		15		15	
	80	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	5	18		18		18		18		18		18		18	
Isolation	750	18		18		18		18		18		18		18	
(dB,min)	1000	18		18		18		18		18		18		18	
Out-to-Tap	5	-		20		22		25		25		35		35	
Isolation	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/EC Plug-in modules

Addressable Multimedia Stretch Taps

Multimedia Stretch Taps with Technician Access

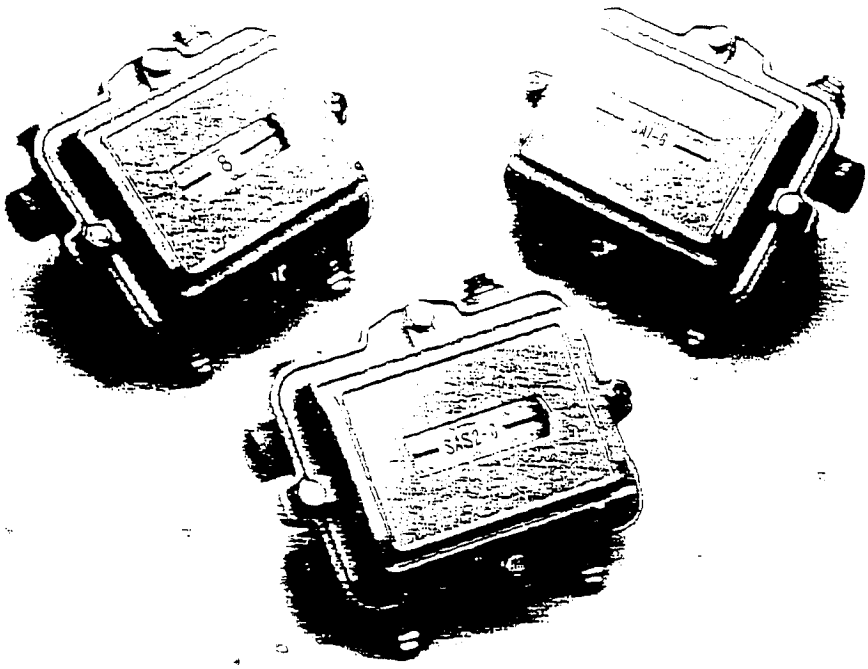
Scientific-Atlanta, Inc.
1-800-722-2009 or 770-903-5900
www.scatl.com

Part Number 371710 Rev D
December 1999

Transmission Systems

1 GHz Passives

Scientific Atlanta



01781

MECHANICAL SPECIFICATIONS

Dimensions

6.5 in. W x 4.5 in. H x 3 in. D

139.75 mm W x 114.3 mm H x 76.2 mm D

Bolt Torque Requirements

Center conductor seizure

15 in. lb. to 20 in. lb.

Housing closure

30 in. lb. to 40 in. lb.

Port plugs

30 in. lb. to 40 in. lb.

Connector pull-out

100 lb. min.

FEATURES

- Industry-leading insertion loss specifications reduce amplifier requirements
- Unique, patented AC bypass coil provides superior hum modulation performance, important in advanced, high current networks
- Superior return loss specifications enable more reliable transmission of digital signals
- Modular design allows board and cover to be changed without costly, network-impacting respicing
- Versatile housing design permits aerial or pedestal mounting
- Internal housing, blocking jumpers for increased maintenance flexibility without service interruptions
- Universal faceplates for all DCs and splitters for simpler, less architectural changes
- Double o-ring sealing for superior environmental protection

3.0 Explorer™ 2000 Specifications

3.1 Electrical Specifications

3.1.1 RF and Baseband Output Performance

With a +15 dBmV Input Signal, 85 CW Channels:

Cross modulation distortion (XMOD)	<-57dBc
Composite second order distortion (CSO)	<-60dBc
Composite triple beat distortion (CTB)	<-60 dBc

3.1.2 Frequency Assignments & Tuning Frequency Resolution

Frequency assignments comply with STD, HRC and IRC frequency lineups. The tuner can tune 250 kHz steps for QAM channels (digital) and 62.5 kHz steps for NTSC channels (analog).

3.1.3 Power Consumption

35 Watts Maximum

3.1.4 AC Input

The Explorer™ 2000 DHCT accepts standard residential AC line voltage of 103.5 VAC to 126.5 VAC at 60 Hz.

3.1.5 AC Outlet

Supplies 400 Watts maximum at the AC input line voltage. It is switched on and off under software control.

3.1.6 Analog Channel RF Input

Connector	Threaded Female F connector
Frequency Range	54-860 MHz
RF Input Level	0 to + 15 dBmV (meets NTSC specs)
Functional operation without damage	-7 to +20 dBmV (operates)
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 (operates)

3.1.7 Digital Channel Input and Private Data

Explorer™ 2000 DHCT will support ITUJ.83 AnnexB. The following specifications will be used

Frequency Range	54-860 MHz
RF Input Level 64 QAM 256 QAM	Typical for BER after FEC < 10^{-9} -20 dBmV to + 14 dBmV -14 dBmV to +14 dBmV
	Meets spec of BER after FEC < 10^{-8}
64 QAM	-15 dBmV to + 14 dBmV
256 QAM	-9 dBmV to +14 dBmV
Input Return Loss	7 dB minimum
Noise Figure	<12 dB at maximum gain
C/N (At input) 64 QAM 256 QAM	To meet BER at input levels given above. > 32 dB in 6 MHz BW. > 38 dB in 6 MHz BW.
Modulation Technique	ITUJ.83 Annex B 64 QAM and 256 QAM
Transmission Rate	30.357 Mbits/sec. (64 QAM) 42.884 Mbits/sec. (256 QAM)
Transport	DAVIC Structure; convolutional de-interleaving and Reed Solomon FEC with T=3
Private Data Rate (average)	3 Mbits/sec (From QAM Demod input to DRAM)
Private Data Format	per MPEG-2 (ISO/IEC 13818)

3.1.8 Audio and Video Specifications

3.1.8.1 Digital Audio Specifications

Data Rate	384 Kbits/sec maximum
Format	MPEG 1, Layer 2, 2 channel Musicam, AC-3
Supported Sampling Rates	32 kHz, 48 kHz, and 44.1 kHz

3.1.8.2 Computer Generated Audio

Supported Sampling Rates (Software Sample Rate Conversion)	8 kHz, 11.025 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz

3.1.8.3 Baseband Audio Output

Connector	Two female RCA-type phono jacks (right channel has red insulation, left channel has white insulation)
Output level	1.3 V p-p ± 10% with 10 kΩ load
Output impedance	600 ohms nominal
Volume control	64 steps from 0 dB (maximum volume) to -63 dB nominal
Step size	1 ± 0.5 dB
Mute	-50 dB

A. Analog Service Selected

1. BTSC selected	Explorer 2000
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, reference 25-kHz L+R deviation at 1 kHz	> 45 dB A-weighted

2. SAP selected	
Frequency response	100 Hz to 8 kHz ± 2 dB
Total harmonic distortion, 1 kHz	< 3.0%

S/N with input +0 dBmV, input C/N 49 dB min.)	45 dB S/N minimum NTC-7 Weighting 46dB S/N minimum NTC-7 Weighting (2100/3100 product)

3.1.8.6 S-Video Output

Connector	4-position mini-DIN
S/N with input +0 dBmV, input C/N 49 dB min.)	45 dB S/N minimum NTC-7 Weighting 46dB S/N minimum NTC-7 Weighting (2100/3100 product)
Output levels	Y: 1 V p-p ± 10% C: 0.29 V p-p ± 10%

3.1.9 Forward Control Channel RF Input

Modulation Technique	Differential QPSK
Frequency	70-130 MHz agile, in 250 kHz steps
Transmission Rate	1.544 Mbits/sec.
Channel Bandwidth	1 MHz
Channel Spacing	1 MHz
Adjacent Channel Performance (data)	Meets BER performance at +6dBC 1.00 Mhz from center
Adjacent Channel Performance (video)	Meets BER performance at +16dBC 1.75 Mhz from center
Mode	Continuous Mode
Transmission Format	DS1 Extended Superframe 53 byte ATM cells with an AAL5 layer
Error Detection	T=1 Reed Solomon
RF input level	-16 $dBmV_{RMS}$ to +15 $dBmV_{RMS}$ (6 dB to 16 dB

	below NTSC video)
BER performance @ C/N=18dB(in 772khz BW) at RF Input level given above	< 10^{-9}.after Reed Solomon

3.1.10 Reverse Control and Interactive Channel RF Output

Modulation Technique	Differential QPSK
Frequency	8-26.5 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 kbits/second or 1.544 Mbits/second
Transmission Format	53 byte ATM cells
Channel Sharing Protocol	Slotted ALOHA, TDMA, and Reservation
Maximum RF Output Level	Variable + 55 $dBmV_{RMS}$ min
C/N_0, 2 MHz from carrier (Output Level >40dbmV rms)	120 dB/Hz
Spurious Output (5-42MHz)	-45dBC
Channel Tuning Time	< 5mS

B. Digital Service Selected

Frequency response	20 Hz to 20 kHz	± 1.0 dB
Signal to noise ratio, reference full-scale output level	> 84 dB, A-weighted	
Dynamic range	> 84 dB at 1 kHz	
Total harmonic distortion, 20 Hz to 20 kHz bandwidth	< 0.2% at 1 kHz	
Stereo channel separation	> 80 dB at 1 kHz	

3.1.8.4 Baseband Video Output

Connector	Female RCA type with yellow insulation
Output level	1.0 V p-p ± 10% @ 75 ohms nominal
Frequency Response (-.75 Mhz to 3.75 Mhz)	3.0 dB p-p 2.5 dB p-p, shipments starting 6 months from 4/9/99 2.0dB p-p (2100/3100 product)
S/N with input +0 dBmV, input C/N 49 dB min.)	45dB S/N minimum NTC-7 Weighting 46dB S/N minimum NTC-7 Weighting (2100/3100 product)

3.1.8.5 RF Output

Connector	F type
Frequency	Channel 3 (61.25 MHz) or Channel 4 (67.25 MHz) Switchable
RF Output Level	+9 +/-4.5 dBmV Video -13.5 +/-3.5 dBc Audio
Frequency Response (-.75 Mhz to 3.75 Mhz)	3.0 dB p-p 2.5 dB p-p, shipments starting 6 months from 4/9/99 2.0 dB p-p (2100/3100 product)
Return Loss	10 dB minimum

FCC Frequency Separation Compliance 76.605(a)(3) - 76.612(a) - 76.612(b)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 02-13-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: Plattsburgh Head end

Technician: Tom Mattox
Equipment: Agilent 8591C
Calibration Date: 07/2008

	VISUAL CARRIERS - MHz			AURAL CARRIERS - MHz		
CHAN	ASSIGNED	MEASURED	DIFF kHz	ASSIGNED	MEASURED	DIFF kHz
2	55.2500	55.2500	+0.0	4.500000	4.4999	-0.100
3	61.2500	61.2499	-0.1	4.500000	4.4999	-0.100
4	67.2500	67.2499	-0.1	4.500000	4.4990	-1.000
5	77.2500	77.2499	-0.1	4.500000	4.4999	-0.100
6	83.2500	83.2499	-0.1	4.500000	4.4999	-0.100
95	91.2500	91.2500	+0.0	4.500000	4.5000	+0.000
96	97.2500	97.2498	-0.2	4.500000	4.5000	+0.000
98	109.2750	109.2749	-0.1	4.500000	4.4999	-0.100
99	115.2750	115.2749	-0.1	4.500000	4.5000	+0.000
14	121.2625	121.2621	-0.4	4.500000	4.4990	-1.000
15	127.2625	127.2621	-0.4	4.500000	4.5000	+0.000
16	133.2625	133.2621	-0.4	4.500000	4.4998	-0.200
17	139.2500	139.2496	-0.4	4.500000	4.5000	+0.000
18	145.2500	145.2496	-0.4	4.500000	4.5000	+0.000
20	157.2500	157.2495	-0.5	4.500000	4.5000	+0.000
21	163.2500	163.2495	-0.5	4.500000	4.5000	+0.000
22	169.2500	169.2496	-0.4	4.500000	4.4999	-0.100
7	175.2500	175.2496	-0.4	4.500000	4.5000	+0.000
8	181.2500	181.2495	-0.5	4.500000	4.4999	-0.100
9	187.2500	187.2496	-0.4	4.500000	4.5000	+0.000
10	193.2500	193.2495	-0.5	4.500000	4.5000	+0.000
11	199.2500	199.2495	-0.5	4.500000	4.4999	-0.100
12	205.2500	205.2495	-0.5	4.500000	4.5000	+0.000
13	211.2500	211.2495	-0.5	4.500000	4.4999	-0.100
23	217.2500	217.2501	+0.1	4.500000	4.4999	-0.100
24	223.2500	223.2501	+0.1	4.500000	4.5000	+0.000
25	229.2625	229.2626	+0.1	4.500000	4.4999	-0.100
26	235.2625	235.2626	+0.1	4.500000	4.5000	+0.000
27	241.2625	241.2626	+0.1	4.500000	4.5000	+0.000
28	247.2625	247.2626	+0.1	4.500000	4.5000	+0.000
29	253.2625	253.2626	+0.1	4.500000	4.4999	-0.100
30	259.2625	259.2626	+0.1	4.500000	4.5000	+0.000
31	265.2625	265.2609	-1.6	4.500000	4.5000	+0.000
32	271.2625	271.2622	-0.3	4.500000	4.5000	+0.000
33	277.2625	277.2617	-0.8	4.500000	4.5000	+0.000
34	283.2625	283.2616	-0.9	4.500000	4.5000	+0.000
35	289.2625	289.2616	-0.9	4.500000	4.4998	-0.200
36	295.2625	295.2622	-0.3	4.500000	4.4999	-0.100
37	301.2625	301.2616	-0.9	4.500000	4.4999	-0.100
38	307.2625	307.2616	-0.9	4.500000	4.4999	-0.100
39	313.2625	313.2607	-1.8	4.500000	4.4999	-0.100

PASS

Falcon Cable

FCC Frequency Separation Compliance 76.605(a)(3) - 76.612(a) - 76.612(b)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 02-13-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: Plattsburgh Head end

Technician: Tom Mattox
Equipment: Agilent 8591C
Calibration Date: 07/2008

	VISUAL CARRIERS - MHz			AURAL CARRIERS - MHz		
CHAN	ASSIGNED	MEASURED	DIFF kHz	ASSIGNED	MEASURED	DIFF kHz
40	319.2625	319.2606	-1.9	4.500000	4.4999	-0.100
42	331.2750	331.2732	-1.8	4.500000	4.4999	-0.100
43	337.2625	337.2605	-2.0	4.500000	4.4999	-0.100
44	343.2625	343.2605	-2.0	4.500000	4.4999	-0.100
45	349.2625	349.2605	-2.0	4.500000	4.4999	-0.100
46	355.2625	355.2604	-2.1	4.500000	4.4999	-0.100
47	361.2625	361.2620	-0.5	4.500000	4.4999	-0.100
49	373.2625	373.2619	-0.6	4.500000	4.4999	-0.100
50	379.2625	379.2619	-0.6	4.500000	4.4999	-0.100
51	385.2625	385.2619	-0.6	4.500000	4.4999	-0.100
52	391.2625	391.2619	-0.6	4.500000	4.4999	-0.100
54	403.2500	403.2494	-0.6	4.500000	4.4999	-0.100
55	409.2500	409.2498	-0.2	4.500000	4.4999	-0.100
56	415.2500	415.2504	+0.4	4.500000	4.5000	+0.000
57	421.2500	421.2495	-0.5	4.500000	4.4999	-0.100
58	427.2500	427.2498	-0.2	4.500000	4.5000	+0.000
59	433.2500	433.2492	-0.8	4.500000	4.5000	+0.000
60	439.2500	439.2489	-1.1	4.500000	4.4999	-0.100
61	445.2500	445.2491	-0.9	4.500000	4.5000	+0.000
62	451.2500	451.2502	+0.2	4.500000	4.4999	-0.100
63	457.2500	457.2492	-0.8	4.500000	4.4999	-0.100
64	463.2500	463.2492	-0.8	4.500000	4.4999	-0.100
65	469.2500	469.2492	-0.8	4.500000	4.5000	+0.000
66	475.2500	475.2492	-0.8	4.500000	4.5000	+0.000
67	481.2500	481.2492	-0.8	4.500000	4.5000	+0.000
68	487.2500	487.2492	-0.8	4.500000	4.5000	+0.000
70	499.2500	499.2492	-0.8	4.500000	4.5000	+0.000
71	505.2500	505.2491	-0.9	4.500000	4.5000	+0.000
72	511.2500	511.2491	-0.9	4.500000	4.5000	+0.000
73	517.2500	517.2491	-0.9	4.500000	4.5000	+0.000
74	523.2500	523.2491	-0.9	4.500000	4.5000	+0.000
75	529.2500	529.2491	-0.9	4.500000	4.5000	+0.000
76	535.2500	535.2491	-0.9	4.500000	4.5000	+0.000
78	547.2500	547.2490	-1.0	4.500000	4.50004	+0.040
116	745.2500	745.2496	-0.4	4.500000	4.50006	+0.060

PASS

Falcon Cable

Plattsburgh Headend Optional Test
2/11/2009

Channel	C/N -dbc	CTB -dbc	CSO -dbc	ICR db p-v	HUM %
2	53.42	77.71	68.34	NA	0.3
3	48.39	77.78	72.98	NA	0.6
4	48.19	75.56	66.73	NA	0.5
5	52.67	74.52	73.4	2.6	1.8
6	45.9	74.68	75.57	3.1	2
95	54.6	78.65	74.95	NA	0.5
96	49.9	70.97	69.27	NA	0.8
98	54.8	79.36	77.97	NA	0.7
99	51.4	75.19	73.23	NA	1.1
14	47.7	75.83	72.74	1.3	0.9
15	52.3	75.25	70.37	2.2	1.3
16	47.9	74.82	64.26	NA	1.1
17	52.7	76.58	66.65	NA	1.4
18	56.6	76.54	69.6	NA	0.7
20	51.2	75.6	69.53	NA	0.7
21	53.2	70.91	67.01	3	0.8
22	48.9	76.9	71.08	0.8	0.7
7	59.9	76.56	71.54	NA	1
8	57.4	77.26	71.39	1.4	1.6
9	59.2	75.94	66.52	NA	0.8
10	58.9	75.46	67.64	NA	1.1
11	57.6	69.95	63.34	NA	0.7
12	51.6	76.38	70.82	NA	0.7
13	57.6	69.81	65.27	1.7	1.3
23	55.9	75.33	67.29	NA	0.7
24	49.8	73.13	64.24	NA	1.7
25	52.3	78.43	63.73	NA	0.5
26	54.7	79.12	75.73	NA	0.5
27	55.5	79.19	75.75	NA	0.4
28	57.1	78.97	68.95	NA	0.8
29	57.2	78.46	70.51	NA	0.7
30	56.4	77.12	73.02	NA	0.8
31	53.1	79.45	70.75	NA	0.9
32	52.2	78.2	73.43	NA	0.8
33	51.7	78.17	74.98	NA	0.7
34	57.5	78.64	76.07	NA	0.8
35	58.4	78.85	76.46	NA	0.8
36	58.5	78.37	77.91	NA	0.8
37	58.8	77.37	73.58	NA	0.7
38	57.1	77.39	74.95	NA	0.8
39	52.8	72.46	74.73	NA	0.9
40	58.2	77.17	74.04	NA	0.7
41	Offline				
42	58.2	80.96	72.98	NA	0.8
43	58.2	77.96	67.64	NA	0.8
44	58.4	77.5	72.02	NA	0.8
45	58	76.19	73.73	NA	0.9

46	56.6	76.46	72.29	NA	0.5
47	56.6	77.5	65.97	NA	0.5
48	Offline				
49	57	77.53	72.89	NA	0.5
50	56.4	77.8	73.68	NA	0.5
51	56.6	74.2	69.73	NA	0.5
52	55.6	77.42	72.68	NA	0.5
54	53.99	80.39	79.32	NA	0.6
55	56.6	77.12	73.07	NA	0.9
56	55.9	76.96	67.64	1.9	0.5
57	54.2	77.91	76.43	NA	0.6
58	54	77.7	69.97	NA	0.5
59	58.2	75.29	73.59	NA	0.8
60	55.3	77.91	74.52	NA	0.5
61	55.1	77.35	72.19	NA	0.8
62	56.3	77.51	72.7	NA	1
63	53.7	76.51	73.69	NA	1
64	56.8	76.74	73.39	NA	1.1
65	50.8	76.25	74.49	NA	0.7
66	51.73	76.2	72.39	NA	1.1
67	52.7	76.81	74.23	NA	0.7
68	50.8	73.71	70.09	NA	1.7
69	Offline				
70	52.45	72.3	69.93	NA	0.6
71	50.75	75.6	71.61	NA	0.7
72	51.59	72.91	68.17	NA	0.6
73	48.82	72.71	69.7	NA	0.6
74	51.63	71.96	68.35	NA	0.6
75	50.95	71.85	69.93	NA	1.2
76	52.32	72.47	68.97	NA	0.6
77	Offline				
78	50.78	73.27	70.26	NA	0.7
116	50.76	74.19	67.58	NA	1

Chan	Diff Gain %	Diff Phase	CLDI ns	Y1 IRE	Y2 IRE
2	TSNF				
3	TSNF				
4	TSNF				
5	14.9	1.1	16		
6	9.9	3.7	22		
95	TSNF				
96	TSNF				
98	TSNF				
99	TSNF				
14	24	1.1	-32		
15	3	-0.7	186		
16	TSNF				
17	TSNF				
18	TSNF				
20	TSNF				
21	6.9	2.6	-12		
22	6.6	-1	-32		
7	TSNF				
8	14.5	0.7	-21		
9	TSNF				
10	TSNF				
11	TSNF				
12	TSNF				
13	32.1	5.4	-7		
23	TSNF				
24	TSNF				
25	TSNF				
26	TSNF				
27	TSNF				
28	TSNF				
29	TSNF				
30	TSNF				
31	TSNF				
32	TSNF				
33	TSNF				
34	TSNF				
35	TSNF				
36	TSNF				
37	TSNF				
38	TSNF				
39	TSNF				
40	TSNF				
41	Offline				
42	TSNF				
43	TSNF				
44	TSNF				
45	TSNF				
46	TSNF				
47	TSNF				
48	Offline				

49	TSNF			
50	TSNF			
51	TSNF			
52	TSNF			
54	TSNF			
55	TSNF			
56		81.1	1.6	-54
57	TSNF			
58	TSNF			
59	TSNF			
60	TSNF			
61	TSNF			
62	TSNF			
63	TSNF			
64	TSNF			
65	TSNF			
66	TSNF			
67	TSNF			
68	TSNF			
69	Offline			
70	TSNF			
71	TSNF			
72	TSNF			
73	TSNF			
74	TSNF			
75	TSNF			
76	TSNF			
77	Offline			
78	TSNF			
116	TSNF			

Headend: Plattsburgh Date: 2/13/2009 Technician:Tom Matto
Analyzer Make: Trilirhic Model: 8821Q SN: 860059 Calibrated 5/5/200

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 2/13/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: Plattsburgh NY Head end

Technician: Tom Maddox
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	19.1	4.3	14.8
3	18.7	4.4	14.3
4	18.6	4.1	14.5
5	18.2	3.9	14.3
6	18.4	4.6	13.8
95	18.3	4.5	13.8
96	19.3	5.1	14.2
98	18.5	4.6	13.9
99	18.3	4.2	14.1
14	18.9	4.5	14.4
15	18.7	4.7	14.0
16	19.4	5.4	14.0
17	18.5	3.7	14.8
18	18.5	4.5	14.0
20	18.9	4.9	14.0
21	19.1	4.9	14.2
22	18.9	4.5	14.4
7	18.7	4.7	14.0
8	19.2	2.5	16.7
9	18.6	5.0	13.6
10	18.6	4.7	13.9
11	18.9	4.4	14.5
12	18.9	4.8	14.1
13	18.8	4.9	13.9
23	18.9	4.4	14.5
24	18.8	4.7	14.1
25	18.8	5.0	13.8
26	18.0	5.1	12.9
27	18.0	4.5	13.5
28	18.6	4.6	14.0
29	18.9	4.9	14.0
30	18.7	5.3	13.4
31	18.9	5.1	13.8
32	18.8	4.5	14.3
33	18.4	4.3	14.1
34	18.7	4.8	13.9
35	18.3	4.7	13.6
36	18.6	4.2	14.4
37	18.7	4.8	13.9
38	19.3	5.0	14.3
39	18.9	4.6	14.3
40	19.2	4.9	14.3
42	18.8	5.1	13.7
43	19.1	5.0	14.1
44	19.0	5.2	13.8
45	19.0	4.6	14.4
46	18.7	4.6	14.1

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ±.75 dB

Lowest Visual Carrier (dBmv):	P [18.0] Ch. 26
Worst Upper V/A Ratio (dB):	P [16.7] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.9] Ch. 26
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 95
Max-Min Carrier Delta (dB):	P [1.4] Ch. 16/26

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 2/13/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: Plattsburgh NY Head end

Technician: Tom Maddox
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
47	18.9	4.5	14.4
49	18.6	4.1	14.5
50	19.4	3.7	15.7
51	18.7	4.8	13.9
52	18.8	4.8	14.0
54	19.2	4.7	14.5
55	19.1	5.2	13.9
56	18.6	4.6	14.0
57	18.7	5.1	13.6
58	18.7	5.4	13.3
59	19.0	4.9	14.1
60	19.0	5.1	13.9
61	19.0	4.8	14.2
62	18.9	5.2	13.7
63	18.7	4.8	13.9
64	18.5	5.0	13.5
65	19.3	5.7	13.6
66	19.0	5.0	14.0
67	18.8	5.0	13.8
68	18.6	5.1	13.5
70	18.5	4.7	13.8
71	18.4	4.0	14.4
72	18.9	5.7	13.2
73	18.2	4.4	13.8
74	18.5	4.7	13.8
75	18.9	5.5	13.4
76	19.1	5.0	14.1
78	19.1	5.8	13.3

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.0] Ch. 26
Worst Upper V/A Ratio (dB):	P [16.7] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.9] Ch. 26
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 95
Max-Min Carrier Delta (dB):	P [1.4] Ch. 16/26

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 09:28 Temp: 63.øF RECORD 1 (dBmv)	Time: 15:28 Temp: 26.øF RECORD 2 (dBmv)	Time: 21:28 Temp: 9 øF RECORD 3 (dBmv)	Time: 03:28 Temp: 1.8øF RECORD 4 (dBmv)	DELTA (dB)
2	20.2	20.4	20.2	20.1	0.3
3	20.9	21.3	21.0	20.9	0.4
4	21.6	21.4	21.1	21.3	0.5
5	21.1	21.1	21.0	20.6	0.5
6	20.7	21.0	20.8	20.9	0.3
98	20.4	20.6	20.5	20.7	0.3
99	20.2	20.1	20.2	20.2	0.1
14	20.9	21.0	21.0	21.1	0.2
15	21.0	21.2	20.7	21.3	0.6
16	20.5	20.4	20.4	20.4	0.1
17	21.5	21.6	21.7	21.8	0.3
18	21.7	21.6	21.5	21.8	0.3
20	22.1	22.2	22.3	22.6	0.5
21	22.1	22.2	22.1	22.6	0.5
22	22.0	22.3	22.4	22.4	0.4
7	21.9	21.9	22.1	22.3	0.4
8	22.2	22.4	22.3	22.5	0.3
9	22.6	22.4	22.6	22.8	0.4
10	22.2	22.9	22.8	23.1	0.9
11	22.8	22.9	22.9	23.1	0.3
12	22.7	23.2	23.2	23.4	0.7
13	22.3	22.6	22.6	22.7	0.4
23	21.9	22.5	22.6	22.7	0.8
24	22.3	22.6	22.5	22.8	0.5
25	21.2	22.4	22.2	22.5	1.3
26	21.4	21.9	21.8	22.2	0.8
27	20.8	21.3	21.3	21.9	1.1
28	21.7	21.6	21.4	22.0	0.6
29	20.9	21.8	21.6	21.9	1.0
30	21.6	21.4	21.5	21.7	0.3
31	21.1	21.7	21.5	21.6	0.6
32	21.5	21.6	21.7	21.9	0.4
33	19.9	20.8	21.1	20.9	1.2
34	20.9	21.1	21.1	21.1	0.2
35	20.2	20.9	20.9	21.1	0.9
36	20.9	20.9	20.8	21.4	0.6
37	20.0	20.8	20.7	21.1	1.1
38	20.9	21.1	21.1	21.3	0.4
44	20.1	20.4	20.8	20.9	0.8
46	19.8	20.5	20.5	20.9	1.1
47	20.0	20.4	20.4	20.8	0.8
49	19.9	20.0	20.1	20.4	0.5
50	19.8	20.8	20.8	21.3	1.5
51	20.1	20.0	20.2	20.4	0.4
52	19.2	20.1	20.3	20.3	1.1
54	18.9	20.3	20.6	20.9	2.0
55	19.9	20.1	20.7	21.0	1.1

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [18.2] Ch. 78	P [18.5] Ch. 78	P [18.8] Ch. 78	P [18.7] Ch. 75
Worst Adj. Carrier Delta (dB):	P [1.8] Ch. 64	P [1.5] Ch. 64	P [1.3] Ch. 16	P [1.5] Ch. 64
Max-Min Carrier Delta (dB):	P [4.6] Ch. 11/78	P [4.7] Ch. 12/78	P [4.4] Ch. 12/78	P [4.7] Ch. 12/75

24 Hour Delta: PASS [2.3 dB] Ch. 58

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 09:28 Temp: 63.øF RECORD 1 (dBmv)	Time: 15:28 Temp: 26.øF RECORD 2 (dBmv)	Time: 21:28 Temp: 9 øF RECORD 3 (dBmv)	Time: 03:28 Temp: 1.8øF RECORD 4 (dBmv)	DELTA (dB)
56	18.3	19.6	20.1	20.5	2.2
57	19.6	19.5	19.6	20.7	1.2
58	18.7	20.2	20.1	21.0	2.3
59	19.4	20.1	20.1	20.7	1.3
60	18.9	20.4	20.6	21.0	2.1
61	19.9	19.5	19.8	20.3	0.8
62	19.0	19.7	20.4	20.7	1.7
63	19.7	19.8	20.0	20.6	0.9
64	18.5	19.4	19.7	19.9	1.4
65	20.3	20.9	20.9	21.4	1.1
66	20.5	21.6	21.4	21.9	1.4
67	20.7	20.9	20.5	21.6	1.1
71	19.4	20.1	20.2	20.2	0.8
72	18.8	19.6	19.7	20.0	1.2
73	18.7	19.1	19.5	19.1	0.8
74	18.7	19.5	19.4	19.2	0.8
75	18.5	19.4	19.3	18.7	0.9
76	18.5	18.9	19.0	19.1	0.6
78	18.2	18.5	18.8	19.0	0.8

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [18.2] Ch. 78	P [18.5] Ch. 78	P [18.8] Ch. 78	P [18.7] Ch. 75
Worst Adj. Carrier Delta (dB):	P [1.8] Ch. 64	P [1.5] Ch. 64	P [1.3] Ch. 16	P [1.5] Ch. 64
Max-Min Carrier Delta (dB):	P [4.6] Ch. 11/78	P [4.7] Ch. 12/78	P [4.4] Ch. 12/78	P [4.7] Ch. 12/75

24 Hour Delta: PASS [2.3 dB] Ch. 58

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive Platts

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	20.2	20.9	0.7
3	20.9	22.7	1.8
4	21.6	22.9	1.3
5	21.1	22.4	1.3
6	20.7	21.9	1.2
95	20.3	21.5	1.2
96	20.9	21.7	0.8
98	20.4	21.7	1.3
99	20.2	21.3	1.1
14	20.9	21.2	0.3
15	21.0	21.1	0.1
16	20.5	20.2	0.3
17	21.5	21.7	0.2
18	21.7	21.7	0.0
20	22.1	21.8	0.3
21	22.1	22.0	0.1
22	22.0	22.1	0.1
7	21.9	21.9	0.0
8	22.2	22.1	0.1
9	22.6	21.9	0.7
10	22.2	22.1	0.1
11	22.8	22.2	0.6
12	22.7	22.0	0.7
13	22.3	21.5	0.8
23	21.9	21.4	0.5
24	22.3	21.4	0.9
25	21.2	21.3	0.1
26	21.4	20.5	0.9
27	20.8	20.4	0.4
28	21.7	20.6	1.1
29	20.9	20.5	0.4
30	21.6	20.1	1.5
31	21.1	19.5	1.6
32	21.5	19.8	1.7
33	19.9	19.8	0.1
34	20.9	20.0	0.9
35	20.2	19.7	0.5
36	20.9	18.9	2.0
37	20.0	19.4	0.6
38	20.9	19.7	1.2
39	20.2	18.9	1.3
40	20.5	18.7	1.8
42	20.1	18.4	1.7
43	20.4	18.6	1.8
44	20.1	18.0	2.1
45	20.2	17.5	2.7
46	19.8	16.9	2.9

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [18.2] Ch. 78	P [12.4] Ch. 78
Worst Adj. Carrier Delta (dB):	P [1.8] Ch. 64	P [1.8] Ch. 2
Max-Min Carrier Delta (dB):	P [4.6] Ch. 11/78	P [10.5] Ch. 4/78

6 Month Delta: PASS [5.8 dB] Ch. 78

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive Platts

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	20.0	17.9	2.1
49	19.9	17.5	2.4
50	19.8	17.2	2.6
51	20.1	17.7	2.4
52	19.2	17.8	1.4
54	18.9	16.7	2.2
55	19.9	17.1	2.8
56	18.3	17.3	1.0
57	19.6	17.1	2.5
58	18.7	17.3	1.4
59	19.4	15.9	3.5
60	18.9	15.6	3.3
61	19.9	15.9	4.0
62	19.0	16.4	2.6
63	19.7	15.8	3.9
64	18.5	15.8	2.7
65	20.3	16.3	4.0
66	20.5	16.3	4.2
67	20.7	15.4	5.3
68	19.8	15.2	4.6
70	19.7	14.9	4.8
71	19.4	14.3	5.1
72	18.8	14.0	4.8
73	18.7	13.6	5.1
74	18.7	13.6	5.1
75	18.5	13.4	5.1
76	18.5	13.1	5.4
78	18.2	12.4	5.8

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [18.2] Ch. 78	P [12.4] Ch. 78
Worst Adj. Carrier Delta (dB):	P [1.8] Ch. 64	P [1.8] Ch. 2
Max-Min Carrier Delta (dB):	P [4.6] Ch. 11/78	P [10.5] Ch. 4/78

6 Month Delta: PASS [5.8 dB] Ch. 78

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	20.2	5.7	14.5
3	20.9	7.7	13.2
4	21.6	10.1	11.5
5	21.1	6.1	15.0
6	20.7	6.0	14.7
98	20.4	6.3	14.1
99	20.2	6.3	13.9
14	20.9	6.6	14.3
15	21.0	7.3	13.7
16	20.5	6.2	14.3
17	21.5	6.7	14.8
18	21.7	7.3	14.4
20	22.1	7.5	14.6
21	22.1	7.5	14.6
22	22.0	8.4	13.6
7	21.9	7.4	14.5
8	22.2	5.5	16.7
9	22.6	8.1	14.5
10	22.2	8.4	13.8
11	22.8	7.4	15.4
12	22.7	8.8	13.9
13	22.3	7.6	14.7
23	21.9	7.7	14.2
24	22.3	7.4	14.9
25	21.2	7.5	13.7
26	21.4	6.9	14.5
27	20.8	8.0	12.8
28	21.7	6.8	14.9
29	20.9	7.3	13.6
30	21.6	6.7	14.9
31	21.1	7.3	13.8
32	21.5	6.2	15.3
33	19.9	6.1	13.8
34	20.9	6.6	14.3
35	20.2	6.6	13.6
36	20.9	5.9	15.0
37	20.0	5.8	14.2
38	20.9	6.4	14.5
44	20.1	6.3	13.8
46	19.8	6.3	13.5
47	20.0	5.1	14.9
49	19.9	4.4	15.5
50	19.8	5.4	14.4
51	20.1	4.7	15.4
52	19.2	5.8	13.4
54	18.9	6.0	12.9
55	19.9	4.4	15.5

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.2] Ch. 78
Worst Upper V/A Ratio (dB):	P [16.7] Ch. 8
Worst Lower V/A Ratio (dB):	P [11.5] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.8] Ch. 64
Max-Min Carrier Delta (dB):	P [4.6] Ch. 11/78

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
56	18.3	5.1	13.2
57	19.6	4.6	15.0
58	18.7	5.6	13.1
59	19.4	4.1	15.3
60	18.9	5.8	13.1
61	19.9	5.2	14.7
62	19.0	5.9	13.1
63	19.7	5.0	14.7
64	18.5	5.4	13.1
65	20.3	5.9	14.4
66	20.5	6.3	14.2
67	20.7	5.8	14.9
71	19.4	5.3	14.1
72	18.8	4.2	14.6
73	18.7	4.8	13.9
74	18.7	4.1	14.6
75	18.5	4.7	13.8
76	18.5	3.6	14.9
78	18.2	3.9	14.3

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.2] Ch. 78
Worst Upper V/A Ratio (dB):	P [16.7] Ch. 8
Worst Lower V/A Ratio (dB):	P [11.5] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.8] Ch. 64
Max-Min Carrier Delta (dB):	P [4.6] Ch. 11/78

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-09
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #1 Smith Drive Platts

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	47.8	66.1	74.8	1.20	+0.000	.7
14	47.5	68.0	66.6	2.10	+0.000	.6
8	47.6	68.5	56.1	1.90	+0.000	.6
9	48.3	71.1	58.3	1.50	+0.000	.8
36	47.5	71.4	59.0	.90	+0.000	.7
39	48.9	68.5	61.7	2.10	+0.000	.7
44	47.2	76.4	56.8	1.70	+0.000	.7
49	46.5	62.8	53.6	2.30	+0.000	.8
54	46.1	66.4	52.9	1.60	+0.000	.8
66	48.2	63.5	52.9	2.00	+0.000	.8
67	48.5	62.2	52.1	1.20	+0.000	.8
116	48.7	58.5	63.2	1.60	+0.000	.9

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.1 dBc)	Pass	Hum Modulation:	(0.9 %)	Pass
Composite Triple Beat:	(-52.1 dBc)	Pass	Aural Frequency Difference:	(0 kHz)	Pass
Composite Second Order:	(-58.5 dBc)	Pass	In-Ch Frequency Response:	(2.3 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#2 Dixon Point Road

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 11:10	Time: 17:10	Time: 23:10	Time: 05:10	
	Temp: 70.øF	Temp: 17.øF	Temp: 5.2øF	Temp: -8.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
2	21.2	16.2	21.1	20.7	5.0
3	20.5	17.6	20.4	20.2	2.9
4	20.4	15.4	20.3	20.0	5.0
5	20.5	14.9	20.7	20.4	5.8
6	20.6	17.0	20.5	20.0	3.6
98	20.3	14.5	20.4	20.2	5.9
99	20.3	15.3	19.8	19.8	5.0
14	20.7	17.5	20.7	20.5	3.2
15	20.6	16.9	20.6	20.7	3.8
16	20.2	16.8	20.1	20.1	3.4
17	20.8	17.8	20.9	21.0	3.2
18	20.9	18.0	21.0	20.6	3.0
20	21.6	18.7	21.8	21.7	3.1
21	21.8	19.1	21.9	21.7	2.8
22	21.4	20.0	21.5	21.4	1.5
7	21.3	19.4	21.2	21.1	1.9
8	21.5	18.3	21.4	21.6	3.3
9	21.5	19.3	21.5	21.5	2.2
10	21.4	20.1	21.4	21.5	1.4
11	21.1	20.6	21.6	21.5	1.0
12	21.7	20.4	21.7	21.8	1.4
13	21.3	21.8	21.6	21.4	0.5
23	21.4	20.5	21.6	21.5	1.1
24	21.7	17.7	21.8	22.0	4.3
25	21.2	20.5	21.5	21.5	1.0
26	20.7	19.2	21.3	21.4	2.2
27	20.2	19.1	21.1	21.1	2.0
28	20.8	19.7	21.0	21.3	1.6
29	20.6	19.4	21.1	21.1	1.7
30	20.2	17.6	20.4	20.5	2.9
31	20.1	17.0	20.7	20.9	3.9
32	20.2	18.8	20.5	20.9	2.1
33	19.8	17.4	20.0	20.0	2.6
34	20.5	20.1	20.9	20.8	0.8
35	20.3	20.5	20.6	20.8	0.5
36	20.6	19.0	20.9	21.0	2.0
37	20.8	19.8	21.1	21.1	1.3
38	21.4	21.4	21.7	21.5	0.3
44	22.6	23.6	23.1	23.1	1.0
46	22.6	22.5	23.0	23.3	0.8
47	22.2	22.6	22.8	23.1	0.9
49	21.3	22.9	21.9	22.0	1.6
50	22.3	21.9	22.5	23.1	1.2
51	21.5	22.5	22.3	22.4	1.0
52	21.8	21.7	22.3	22.5	0.8
54	22.3	19.4	22.9	22.8	3.5
55	22.2	18.6	22.7	23.0	4.4

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P. [19.8] Ch. 33	P [14.5] Ch. 98	P [19.8] Ch. 99	P [19.8] Ch. 99
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [3.8] Ch. 62	P [1.1] Ch. 64	P [1.2] Ch. 64
Max-Min Carrier Delta (dB):	P [3.4] Ch. 66/33	P [12.1] Ch. 66/98	P [3.6] Ch. 65/99	P [4.1] Ch. 66/99

24 Hour Delta: PASS [5.9 dB] Ch. 98

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#2 Dixon Point Road

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 11:10 Temp: 70.øF	Time: 17:10 Temp: 17.øF	Time: 23:10 Temp: 5.2øF	Time: 05:10 Temp: -8.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
56	21.8	19.8	22.3	22.5	2.7
57	21.9	21.6	22.2	22.7	1.1
58	22.2	23.1	22.5	22.8	0.9
59	22.0	23.0	22.3	22.8	1.0
60	22.3	23.9	22.5	22.9	1.6
61	22.1	22.0	22.5	22.9	0.9
62	22.0	19.1	22.6	23.0	3.9
63	22.1	22.9	23.1	23.3	1.2
64	21.7	23.7	22.3	22.4	2.0
65	22.4	24.4	23.4	23.6	2.0
66	23.2	26.6	23.4	23.9	3.4
67	22.3	25.4	22.7	23.1	3.1
71	21.1	25.1	22.0	22.2	4.0
72	21.4	26.3	21.7	22.2	4.9
73	20.7	22.6	21.2	21.5	1.9
74	20.9	21.3	21.8	22.1	1.2
75	21.2	23.5	21.7	22.3	2.3
76	20.6	20.9	21.1	21.4	0.8
78	19.8	21.5	20.8	21.3	1.7

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ±.75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [19.8] Ch. 33	P [14.5] Ch. 98	P [19.8] Ch. 99	P [19.8] Ch. 99
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [3.8] Ch. 62	P [1.1] Ch. 64	P [1.2] Ch. 64
Max-Min Carrier Delta (dB):	P [3.4] Ch. 66/33	P [12.1] Ch. 66/98	P [3.6] Ch. 65/99	P [4.1] Ch. 66/99

24 Hour Delta: PASS [5.9 dB] Ch. 98

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#2 Dixon Point Rd Beekman

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	21.2	20.2	1.0
3	20.5	21.2	0.7
4	20.4	20.4	0.0
5	20.5	20.4	0.1
6	20.6	20.7	0.1
95	20.0	20.7	0.7
96	21.0	20.8	0.2
98	20.3	20.5	0.2
99	20.3	20.4	0.1
14	20.7	20.8	0.1
15	20.6	20.7	0.1
16	20.2	20.1	0.1
17	20.8	20.8	0.0
18	20.9	20.9	0.0
20	21.6	21.2	0.4
21	21.8	21.1	0.7
22	21.4	20.6	0.8
7	21.3	20.9	0.4
8	21.5	21.0	0.5
9	21.5	20.9	0.6
10	21.4	20.9	0.5
11	21.1	21.0	0.1
12	21.7	21.4	0.3
13	21.3	20.9	0.4
23	21.4	21.0	0.4
24	21.7	21.1	0.6
25	21.2	20.7	0.5
26	20.7	20.8	0.1
27	20.2	20.4	0.2
28	20.8	20.1	0.7
29	20.6	19.8	0.8
30	20.2	20.0	0.2
31	20.1	20.0	0.1
32	20.2	19.6	0.6
33	19.8	19.3	0.5
34	20.5	19.6	0.9
35	20.3	19.5	0.8
36	20.6	19.4	1.2
37	20.8	19.5	1.3
38	21.4	19.7	1.7
39	21.4	20.6	0.8
40	21.7	20.9	0.8
42	22.0	21.0	1.0
43	22.6	22.0	0.6
44	22.6	21.9	0.7
45	22.9	22.1	0.8
46	22.6	22.0	0.6

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [19.8] Ch. 33	P [18.8] Ch. 78
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 95	P [1.0] Ch. 2
Max-Min Carrier Delta (dB):	P [3.4] Ch. 66/33	P [3.3] Ch. 45/78

6 Month Delta: PASS [2.5 dB] Ch. 58

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#2 Dixon Point Rd Beekman

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	22.2	21.5	0.7
49	21.3	21.2	0.1
50	22.3	20.9	1.4
51	21.5	20.7	0.8
52	21.8	20.5	1.3
54	22.3	20.7	1.6
55	22.2	20.8	1.4
56	21.8	20.7	1.1
57	21.9	20.7	1.2
58	22.2	19.7	2.5
59	22.0	20.3	1.7
60	22.3	20.4	1.9
61	22.1	20.4	1.7
62	22.0	20.6	1.4
63	22.1	20.5	1.6
64	21.7	20.7	1.0
65	22.4	21.0	1.4
66	23.2	21.1	2.1
67	22.3	20.8	1.5
68	22.6	20.8	1.8
70	21.8	20.5	1.3
71	21.1	19.9	1.2
72	21.4	20.0	1.4
73	20.7	19.1	1.6
74	20.9	19.5	1.4
75	21.2	19.7	1.5
76	20.6	19.5	1.1
78	19.8	18.8	1.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [19.8] Ch. 33	P [18.8] Ch. 78
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 95	P [1.0] Ch. 2
Max-Min Carrier Delta (dB):	P [3.4] Ch. 66/33	P [3.3] Ch. 45/78

6 Month Delta: PASS [2.5 dB] Ch. 58

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#2 Dixon Point

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 11:10 Temp: 70.øF RECORD 1 (dBmv)	Time: 17:10 Temp: 17.øF RECORD 2 (dBmv)	Time: 23:10 Temp: 5.2øF RECORD 3 (dBmv)	Time: 05:10 Temp: -8.øF RECORD 4 (dBmv)	DELTA (dB)
2	21.2	16.2	21.1	20.7	5.0
3	20.5	17.6	20.4	20.2	2.9
4	20.4	15.4	20.3	20.0	5.0
5	20.5	14.9	20.7	20.4	5.8
6	20.6	17.0	20.5	20.0	3.6
98	20.3	14.5	20.4	20.2	5.9
99	20.3	15.3	19.8	19.8	5.0
14	20.7	17.5	20.7	20.5	3.2
15	20.6	16.9	20.6	20.7	3.8
16	20.2	16.8	20.1	20.1	3.4
17	20.8	17.8	20.9	21.0	3.2
18	20.9	18.0	21.0	20.6	3.0
20	21.6	18.7	21.8	21.7	3.1
21	21.8	19.1	21.9	21.7	2.8
22	21.4	20.0	21.5	21.4	1.5
7	21.3	19.4	21.2	21.1	1.9
8	21.5	18.3	21.4	21.6	3.3
9	21.5	19.3	21.5	21.5	2.2
10	21.4	20.1	21.4	21.5	1.4
11	21.1	20.6	21.6	21.5	1.0
12	21.7	20.4	21.7	21.8	1.4
13	21.3	21.8	21.6	21.4	0.5
23	21.4	20.5	21.6	21.5	1.1
24	21.7	17.7	21.8	22.0	4.3
25	21.2	20.5	21.5	21.5	1.0
26	20.7	19.2	21.3	21.4	2.2
27	20.2	19.1	21.1	21.1	2.0
28	20.8	19.7	21.0	21.3	1.6
29	20.6	19.4	21.1	21.1	1.7
30	20.2	17.6	20.4	20.5	2.9
31	20.1	17.0	20.7	20.9	3.9
32	20.2	18.8	20.5	20.9	2.1
33	19.8	17.4	20.0	20.0	2.6
34	20.5	20.1	20.9	20.8	0.8
35	20.3	20.5	20.6	20.8	0.5
36	20.6	19.0	20.9	21.0	2.0
37	20.8	19.8	21.1	21.1	1.3
38	21.4	21.4	21.7	21.5	0.3
44	22.6	23.6	23.1	23.1	1.0
46	22.6	22.5	23.0	23.3	0.8
47	22.2	22.6	22.8	23.1	0.9
49	21.3	22.9	21.9	22.0	1.6
50	22.3	21.9	22.5	23.1	1.2
51	21.5	22.5	22.3	22.4	1.0
52	21.8	21.7	22.3	22.5	0.8
54	22.3	19.4	22.9	22.8	3.5
55	22.2	18.6	22.7	23.0	4.4

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [19.8] Ch. 33	P [14.5] Ch. 98	P [19.8] Ch. 99	P [19.8] Ch. 99
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [3.8] Ch. 62	P [1.1] Ch. 64	P [1.2] Ch. 64
Max-Min Carrier Delta (dB):	P [3.4] Ch. 66/33	P [12.1] Ch. 66/98	P [3.6] Ch. 65/99	P [4.1] Ch. 66/99

24 Hour Delta: PASS [5.9 dB] Ch. 98

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#2 Dixon Point

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 11:10 Temp: 70.øF	Time: 17:10 Temp: 17.øF	Time: 23:10 Temp: 5.2øF	Time: 05:10 Temp: -8.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
56	21.8	19.8	22.3	22.5	2.7
57	21.9	21.6	22.2	22.7	1.1
58	22.2	23.1	22.5	22.8	0.9
59	22.0	23.0	22.3	22.8	1.0
60	22.3	23.9	22.5	22.9	1.6
61	22.1	22.0	22.5	22.9	0.9
62	22.0	19.1	22.6	23.0	3.9
63	22.1	22.9	23.1	23.3	1.2
64	21.7	23.7	22.3	22.4	2.0
65	22.4	24.4	23.4	23.6	2.0
66	23.2	26.6	23.4	23.9	3.4
67	22.3	25.4	22.7	23.1	3.1
71	21.1	25.1	22.0	22.2	4.0
72	21.4	26.3	21.7	22.2	4.9
73	20.7	22.6	21.2	21.5	1.9
74	20.9	21.3	21.8	22.1	1.2
75	21.2	23.5	21.7	22.3	2.3
76	20.6	20.9	21.1	21.4	0.8
78	19.8	21.5	20.8	21.3	1.7

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [19.8] Ch. 33	P [14.5] Ch. 98	P [19.8] Ch. 99	P [19.8] Ch. 99
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [3.8] Ch. 62	P [1.1] Ch. 64	P [1.2] Ch. 64
Max-Min Carrier Delta (dB):	P [3.4] Ch. 66/33	P [12.1] Ch. 66/98	P [3.6] Ch. 65/99	P [4.1] Ch. 66/99

24 Hour Delta: PASS [5.9 dB] Ch. 98

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP # 2 Dixion Point Beekman

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	48.2	64.5	66.7	1.40	+0.000	.8
14	48.5	65.8	62.3	2.10	+0.000	.8
8	47.5	69.1	57.2	1.60	-0.100	.7
9	46.2	69.9	62.7	1.60	+0.000	.6
36	48.3	69.0	61.6	1.10	+0.000	.7
39	47.8	68.6	54.7	2.10	+0.000	.8
44	46.4	65.0	54.3	1.70	+0.000	.7
49	49.6	58.9	52.7	2.10	+0.000	.6
54	47.9	64.2	51.7	1.60	+0.000	.7
66	48.1	63.2	56.9	2.30	+0.000	.8
67	46.3	66.3	58.8	1.60	+0.000	.8
116	50.4	65.3	64.1	1.80	+0.000	.6

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.2 dBc)	Pass	Hum Modulation:	(0.8 %)	Pass
Composite Triple Beat:	(-51.7 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-58.9 dBc)	Pass	In-Ch Frequency Response:	(2.3 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP # 3 Hammond Street

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 13:10	Time: 19:10	Time: 01:10	Time: 07:10	
	Temp: 64.øF	Temp: 12.øF	Temp: 0 øF	Temp: -6.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
2	21.7	22.1	22.0	22.0	0.4
3	21.3	21.6	21.4	21.3	0.3
4	20.9	21.0	21.0	20.9	0.1
5	21.3	21.8	21.5	21.4	0.5
6	21.7	22.1	21.4	21.8	0.7
98	21.9	22.3	22.2	22.1	0.4
99	21.7	22.1	22.0	22.1	0.4
14	22.4	23.0	22.8	22.8	0.6
15	22.3	22.6	22.6	22.8	0.5
16	21.8	22.5	22.2	22.2	0.7
17	22.5	22.9	23.1	23.1	0.6
18	22.4	22.7	22.6	23.2	0.8
20	22.4	23.3	23.8	24.0	1.6
21	23.3	22.8	24.0	24.0	1.2
22	23.8	23.9	24.2	23.7	0.5
7	23.4	23.6	23.7	23.2	0.5
8	23.5	24.1	24.1	23.8	0.6
9	23.0	24.2	24.3	24.1	1.3
10	22.3	24.1	24.5	24.5	2.2
11	23.4	23.7	24.5	24.6	1.2
12	24.4	22.8	24.5	25.0	2.2
13	24.1	23.6	22.4	23.3	1.7
23	24.2	24.3	23.0	22.4	1.9
24	24.6	24.9	24.3	24.0	0.9
25	24.5	24.9	24.8	24.8	0.4
26	24.4	24.6	24.6	24.6	0.2
27	24.3	24.7	24.6	24.4	0.4
28	24.3	24.6	24.6	24.7	0.4
29	24.7	24.7	24.8	25.1	0.4
30	24.5	25.0	24.7	24.8	0.5
31	24.4	24.6	24.3	24.6	0.3
32	24.3	24.3	24.3	24.6	0.3
33	24.2	24.3	24.1	24.4	0.3
34	24.3	24.4	24.7	24.5	0.4
35	24.1	24.6	24.6	24.6	0.5
36	24.3	24.4	24.2	24.5	0.3
37	24.0	24.4	24.3	24.3	0.4
38	24.6	24.8	24.9	24.8	0.3
44	23.4	23.8	23.9	23.9	0.5
46	22.7	23.0	23.2	23.0	0.5
47	22.5	22.6	23.1	23.1	0.6
49	22.0	22.3	22.5	22.6	0.6
50	22.6	23.0	23.2	23.3	0.7
51	22.1	22.4	22.9	22.8	0.8
52	21.9	22.3	22.6	22.6	0.7
54	22.5	23.0	23.3	23.3	0.8
55	22.0	22.5	23.0	22.7	1.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [20.0] Ch. 72	P [20.0] Ch. 73	P [20.3] Ch. 73	P [20.5] Ch. 64
Worst Adj. Carrier Delta (dB):	P [1.1] Ch. 10	P [1.1] Ch. 21	P [2.1] Ch. 12	P [1.7] Ch. 12
Max-Min Carrier Delta (dB):	P [4.7] Ch. 29/72	P [5.0] Ch. 30/73	P [4.6] Ch. 38/73	P [4.6] Ch. 29/64

24 Hour Delta: PASS [2.2 dB] Ch. 10

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP # 3 Hammond Street

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 13:10 Temp: 64.øF	Time: 19:10 Temp: 12.øF	Time: 01:10 Temp: 0 øF	Time: 07:10 Temp: -6.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
56	21.9	22.3	22.6	22.6	0.7
57	21.9	22.3	22.4	22.6	0.7
58	21.9	22.1	22.5	22.3	0.6
59	21.6	21.8	21.8	22.2	0.6
60	21.5	21.9	22.1	22.2	0.7
61	21.3	21.6	21.8	22.0	0.7
62	21.5	21.6	21.9	22.1	0.6
63	21.3	21.6	21.8	21.8	0.5
64	20.4	20.8	21.0	20.5	0.6
65	21.2	21.3	21.7	21.6	0.5
66	21.1	21.2	21.5	21.5	0.4
67	20.5	20.7	21.0	21.0	0.5
71	20.6	20.5	20.9	20.8	0.4
72	20.0	20.7	20.5	20.8	0.8
73	20.3	20.0	20.3	20.5	0.5
74	20.4	20.7	20.5	20.8	0.4
75	20.4	20.5	20.8	20.9	0.5
76	20.5	20.7	20.8	21.0	0.5
78	20.1	20.2	20.7	20.7	0.6

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P. [20.0] Ch. 72	P. [20.0] Ch. 73	P [20.3] Ch: 73	P [20.5] Ch. 64
Worst Adj. Carrier Delta (dB):	P [1.1] Ch. 10	P [1.1] Ch. 21	P [2.1] Ch. 12	P [1.7] Ch. 12
Max-Min Carrier Delta (dB):	P [4.7] Ch. 29/72	P [5.0] Ch. 30/73	P [4.6] Ch. 38/73	P [4.6] Ch. 29/64

24 Hour Delta: PASS [2.2 dB] Ch. 10

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #3 Hammond ST Dannamora

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	21.7	21.8	0.1
3	21.3	22.9	1.6
4	20.9	22.2	1.3
5	21.3	22.7	1.4
6	21.7	22.6	0.9
95	21.5	23.2	1.7
96	22.4	23.2	0.8
98	21.9	23.1	1.2
99	21.7	23.0	1.3
14	22.4	23.4	1.0
15	22.3	23.1	0.8
16	21.8	22.5	0.7
17	22.5	23.5	1.0
18	22.4	23.7	1.3
20	22.4	23.7	1.3
21	23.3	24.3	1.0
22	23.8	24.4	0.6
7	23.4	24.5	1.1
8	23.5	24.7	1.2
9	23.0	25.0	2.0
10	22.3	25.1	2.8
11	23.4	24.9	1.5
12	24.4	25.6	1.2
13	24.1	25.0	0.9
23	24.2	24.8	0.6
24	24.6	24.7	0.1
25	24.5	24.8	0.3
26	24.4	25.1	0.7
27	24.3	25.3	1.0
28	24.3	25.0	0.7
29	24.7	25.3	0.6
30	24.5	25.2	0.7
31	24.4	24.8	0.4
32	24.3	25.0	0.7
33	24.2	24.8	0.6
34	24.3	24.6	0.3
35	24.1	24.9	0.8
36	24.3	24.9	0.6
37	24.0	24.5	0.5
38	24.6	25.1	0.5
39	23.9	24.6	0.7
40	24.0	24.5	0.5
42	23.6	24.4	0.8
43	23.9	24.3	0.4
44	23.4	23.8	0.4
45	23.1	23.0	0.1
46	22.7	22.7	0.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [20.0] Ch. 72	P [20.1] Ch. 73
Worst Adj. Carrier Delta (dB):	P [1.1] Ch. 10	P [1.1] Ch. 2
Max-Min Carrier Delta (dB):	P [4.7] Ch. 29/72	P [5.5] Ch. 12/73

6 Month Delta: PASS [2.8 dB] Ch. 10

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #3 Hammond ST Dannamora

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	22.5	23.0	0.5
49	22.0	22.5	0.5
50	22.6	22.4	0.2
51	22.1	22.3	0.2
52	21.9	22.1	0.2
54	22.5	22.1	0.4
55	22.0	22.1	0.1
56	21.9	21.9	0.0
57	21.9	21.9	0.0
58	21.9	21.7	0.2
59	21.6	21.5	0.1
60	21.5	21.5	0.0
61	21.3	21.6	0.3
62	21.5	21.6	0.1
63	21.3	21.0	0.3
64	20.4	21.4	1.0
65	21.2	21.3	0.1
66	21.1	21.5	0.4
67	20.5	21.3	0.8
68	20.7	20.9	0.2
70	20.8	21.2	0.4
71	20.6	20.9	0.3
72	20.0	20.8	0.8
73	20.3	20.1	0.2
74	20.4	20.2	0.2
75	20.4	20.4	0.0
76	20.5	20.9	0.4
78	20.1	20.6	0.5

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [20.0] Ch. 72	P [20.1] Ch. 73
Worst Adj. Carrier Delta (dB):	P [1.1] Ch. 10	P [1.1] Ch. 2
Max-Min Carrier Delta (dB):	P [4.7] Ch. 29/72	P [5.5] Ch. 12/73

6 Month Delta: PASS [2.8 dB] Ch. 10

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #3 Hammond street

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	21.7	6.5	15.2
3	21.3	6.8	14.5
4	20.9	9.8	11.1
5	21.3	6.8	14.5
6	21.7	7.5	14.2
98	21.9	7.9	14.0
99	21.7	7.6	14.1
14	22.4	8.2	14.2
15	22.3	8.4	13.9
16	21.8	7.7	14.1
17	22.5	7.9	14.6
18	22.4	8.6	13.8
20	22.4	8.8	13.6
21	23.3	9.2	14.1
22	23.8	9.6	14.2
7	23.4	9.1	14.3
8	23.5	6.3	17.2
9	23.0	8.0	15.0
10	22.3	9.1	13.2
11	23.4	9.5	13.9
12	24.4	10.7	13.7
13	24.1	10.0	14.1
23	24.2	9.9	14.3
24	24.6	10.4	14.2
25	24.5	10.6	13.9
26	24.4	10.3	14.1
27	24.3	10.9	13.4
28	24.3	10.4	13.9
29	24.7	10.6	14.1
30	24.5	10.4	14.1
31	24.4	10.5	13.9
32	24.3	10.1	14.2
33	24.2	9.9	14.3
34	24.3	10.3	14.0
35	24.1	10.3	13.8
36	24.3	9.7	14.6
37	24.0	9.9	14.1
38	24.6	10.4	14.2
44	23.4	9.0	14.4
46	22.7	8.9	13.8
47	22.5	8.2	14.3
49	22.0	7.6	14.4
50	22.6	6.9	15.7
51	22.1	7.9	14.2
52	21.9	8.2	13.7
54	22.5	8.4	14.1
55	22.0	7.9	14.1

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [20.0] Ch. 72
Worst Upper V/A Ratio (dB):	P [17.2] Ch. 8
Worst Lower V/A Ratio (dB):	P [11.1] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.1] Ch. 10
Max-Min Carrier Delta (dB):	P [4.7] Ch. 29/72

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-20-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #3 Hammond street

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
56	21.9	7.6	14.3
57	21.9	8.1	13.8
58	21.9	8.0	13.9
59	21.6	7.4	14.2
60	21.5	7.3	14.2
61	21.3	6.9	14.4
62	21.5	7.1	14.4
63	21.3	6.4	14.9
64	20.4	6.6	13.8
65	21.2	7.3	13.9
66	21.1	6.9	14.2
67	20.5	6.5	14.0
71	20.6	6.2	14.4
72	20.0	5.9	14.1
73	20.3	5.8	14.5
74	20.4	6.4	14.0
75	20.4	6.1	14.3
76	20.5	6.2	14.3
78	20.1	6.6	13.5

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [20.0] Ch. 72
Worst Upper V/A Ratio (dB):	P [17.2] Ch. 8
Worst Lower V/A Ratio (dB):	P [11.1] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.1] Ch. 10
Max-Min Carrier Delta (dB):	P [4.7] Ch. 29/72

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/20/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #3 Hammond St Dannamora

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	49.8	62.3	69.0	1.40	+0.000	.5
14	47.9	64.1	63.6	2.10	+0.000	.6
8	46.5	68.7	62.0	1.60	+0.000	1.5
9	48.5	73.1	61.6	1.60	+0.000	.6
36	48.6	70.0	61.0	1.10	+0.000	.5
39	48.7	66.4	54.8	2.10	+0.000	.6
44	48.4	66.3	54.9	1.70	+0.000	.6
49	46.9	68.0	52.7	2.10	-0.100	.6
54	46.5	64.4	52.7	1.60	+0.000	.5
66	49.1	61.8	59.8	2.30	+0.000	.6
67	48.2	66.5	53.4	1.60	+0.000	.6
116	48.6	56.5	59.8	1.80	+0.000	.5

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.5 dBc)	Pass	Hum Modulation:	(1.5 %)	Pass
Composite Triple Beat:	(-52.7 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-56.5 dBc)	Pass	In-Ch Frequency Response:	(2.3 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #4 Crebed road

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 09:26 Temp: 44.øF RECORD 1 (dBmv)	Time: 15:26 Temp: 30.øF RECORD 2 (dBmv)	Time: 21:26 Temp: 28.øF RECORD 3 (dBmv)	Time: 03:26 Temp: 23.øF RECORD 4 (dBmv)	DELTA (dB)
2	15.9	15.8	15.8	15.9	0.1
3	15.6	15.5	15.7	15.6	0.2
4	15.2	14.6	15.2	15.0	0.6
5	16.0	15.6	15.8	14.8	1.2
6	16.3	16.1	16.4	16.3	0.3
98	16.5	16.6	16.8	16.5	0.3
99	16.4	16.0	16.5	16.4	0.5
14	16.8	16.9	16.8	16.9	0.1
15	16.8	16.9	17.1	17.2	0.4
16	16.1	16.1	16.5	16.2	0.4
17	17.1	17.5	17.7	17.4	0.6
18	17.0	17.5	17.5	17.5	0.5
20	17.8	18.0	18.1	18.0	0.3
21	18.1	18.1	18.2	18.4	0.3
22	18.0	18.1	18.4	18.4	0.4
7	18.1	17.9	18.1	18.2	0.3
8	18.5	18.6	18.7	18.6	0.2
9	18.1	18.4	18.3	18.6	0.5
10	18.3	18.6	18.5	18.9	0.6
11	18.5	18.9	19.0	18.8	0.5
12	18.9	19.2	19.3	19.4	0.5
13	18.8	18.7	19.0	19.1	0.4
23	18.6	18.4	18.9	18.9	0.5
24	18.9	18.8	19.1	19.2	0.4
25	18.5	18.7	19.1	18.8	0.6
26	18.5	18.5	18.9	18.9	0.4
27	18.2	17.8	18.6	18.7	0.9
28	18.0	18.3	18.6	18.8	0.8
29	18.6	18.3	18.9	19.1	0.8
30	18.2	18.5	18.7	19.0	0.8
31	18.5	18.8	19.0	19.0	0.5
32	18.6	18.7	18.9	19.3	0.7
33	18.2	18.2	18.4	18.8	0.6
34	18.4	18.5	18.9	19.2	0.8
35	18.4	18.3	18.8	18.9	0.6
36	18.4	18.3	18.6	18.9	0.6
37	18.5	18.3	18.4	18.9	0.6
38	18.6	18.7	18.9	19.3	0.7
44	18.0	18.0	18.1	18.7	0.7
46	17.6	17.5	17.8	18.0	0.5
47	17.5	17.2	17.8	18.1	0.9
49	17.1	17.3	17.7	17.6	0.6
50	17.7	18.2	18.6	18.9	1.2
51	17.3	17.6	18.3	18.4	1.1
52	17.9	17.6	18.7	18.5	1.1
54	19.0	19.5	18.4	19.7	1.3
55	18.1	18.7	17.6	19.8	2.2

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [15.2] Ch. 4	P [14.6] Ch. 4	P [15.2] Ch. 4	P [14.8] Ch. 5
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 55	P [1.4] Ch. 55	P [1.2] Ch. 16	P [1.5] Ch. 5
Max-Min Carrier Delta (dB):	P [3.8] Ch. 54/4	P [4.9] Ch. 54/4	P [4.1] Ch. 12/4	P [5.0] Ch. 55/5

24 Hour Delta: PASS [3.0 dB] Ch. 57

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #4 Crebed road

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 09:26 Temp: 44.øF RECORD 1 (dBmv)	Time: 15:26 Temp: 30.øF RECORD 2 (dBmv)	Time: 21:26 Temp: 28.øF RECORD 3 (dBmv)	Time: 03:26 Temp: 23.øF RECORD 4 (dBmv)	DELTA (dB)
56	16.7	17.3	17.5	19.5	2.8
57	16.2	16.8	17.5	19.2	3.0
58	16.9	17.3	17.9	18.9	2.0
59	17.9	17.6	18.4	18.3	0.8
60	18.6	18.5	18.7	18.9	0.4
61	18.2	18.0	18.1	18.9	0.9
62	17.8	17.9	18.3	18.6	0.8
63	17.6	17.5	18.0	18.4	0.9
64	17.0	17.0	17.2	17.6	0.6
65	18.3	18.0	18.4	18.9	0.9
66	18.4	18.1	18.3	18.7	0.6
67	18.0	17.7	17.9	18.4	0.7
71	18.0	17.5	17.7	17.9	0.5
72	17.9	17.2	17.7	17.9	0.7
73	17.3	16.6	17.1	17.1	0.7
74	17.8	16.8	17.3	17.6	1.0
75	18.0	17.2	17.2	17.7	0.8
76	17.6	16.9	17.2	17.5	0.7
78	18.1	17.1	17.7	18.1	1.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [15.2] Ch. 4	P [14.6] Ch. 4	P [15.2] Ch. 4	P [14.8] Ch. 5
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 55	P [1.4] Ch. 55	P [1.2] Ch. 16	P [1.5] Ch. 5
Max-Min Carrier Delta (dB):	P [3.8] Ch. 54/4	P [4.9] Ch. 54/4	P [4.1] Ch. 12/4	P [5.0] Ch. 55/5

24 Hour Delta: PASS [3.0 dB] Ch. 57

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#4 Orebed Road

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	15.9	0.8	15.1
3	15.6	1.4	14.2
4	15.2	5.3	9.9
5	16.0	1.5	14.5
6	16.3	2.1	14.2
98	16.5	2.3	14.2
99	16.4	2.1	14.3
14	16.8	2.8	14.0
15	16.8	2.8	14.0
16	16.1	2.0	14.1
17	17.1	2.1	15.0
18	17.0	3.3	13.7
20	17.8	3.6	14.2
21	18.1	3.7	14.4
22	18.0	4.0	14.0
7	18.1	3.5	14.6
8	18.5	1.6	16.9
9	18.1	4.0	14.1
10	18.3	4.2	14.1
11	18.5	3.8	14.7
12	18.9	5.0	13.9
13	18.8	4.5	14.3
23	18.6	4.1	14.5
24	18.9	4.7	14.2
25	18.5	4.6	13.9
26	18.5	4.4	14.1
27	18.2	4.8	13.4
28	18.0	4.2	13.8
29	18.6	4.6	14.0
30	18.2	4.1	14.1
31	18.5	4.5	14.0
32	18.6	4.1	14.5
33	18.2	4.0	14.2
34	18.4	4.3	14.1
35	18.4	4.5	13.9
36	18.4	3.6	14.8
37	18.5	4.0	14.5
38	18.6	4.6	14.0
44	18.0	3.6	14.4
46	17.6	3.3	14.3
47	17.5	3.4	14.1
49	17.1	2.8	14.3
50	17.7	2.0	15.7
51	17.3	3.7	13.6
52	17.9	3.9	14.0
54	19.0	4.3	14.7
55	18.1	3.1	15.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [15.2] Ch. 4
Worst Upper V/A Ratio (dB):	P [16.9] Ch. 8
Worst Lower V/A Ratio (dB):	P [9.9] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 55
Max-Min Carrier Delta (dB):	P [3.8] Ch. 54/4

PASS

COMMENTS:

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP # 4 Orebed rd Redford

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	15.9	14.4	1.5
3	15.6	15.8	0.2
4	15.2	15.3	0.1
5	16.0	15.4	0.6
6	16.3	15.6	0.7
95	16.2	16.0	0.2
96	16.9	16.3	0.6
98	16.5	16.1	0.4
99	16.4	16.0	0.4
14	16.8	15.8	1.0
15	16.8	15.6	1.2
16	16.1	15.9	0.2
17	17.1	16.2	0.9
18	17.0	16.0	1.0
20	17.8	16.2	1.6
21	18.1	16.1	2.0
22	18.0	15.6	2.4
7	18.1	15.1	3.0
8	18.5	16.9	1.6
9	18.1	16.6	1.5
10	18.3	16.8	1.5
11	18.5	16.8	1.7
12	18.9	17.5	1.4
13	18.8	17.2	1.6
23	18.6	16.9	1.7
24	18.9	16.8	2.1
25	18.5	16.3	2.2
26	18.5	16.2	2.3
27	18.2	17.0	1.2
28	18.0	17.1	0.9
29	18.6	16.6	2.0
30	18.2	16.6	1.6
31	18.5	16.4	2.1
32	18.6	16.5	2.1
33	18.2	16.5	1.7
34	18.4	16.5	1.9
35	18.4	16.3	2.1
36	18.4	16.3	2.1
37	18.5	15.7	2.8
38	18.6	16.0	2.6
39	18.4	16.0	2.4
40	18.4	16.7	1.7
42	18.1	15.9	2.2
43	18.2	15.9	2.3
44	18.0	15.6	2.4
45	17.9	15.6	2.3
46	17.6	15.6	2.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [15.2] Ch. 4	P [12.1] Ch. 71
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 55	P [2.4] Ch. 51
Max-Min Carrier Delta (dB):	P [3.8] Ch. 54/4	P [5.4] Ch. 12/71

6 Month Delta: PASS [5.9 dB] Ch. 71

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #4 Strackville Rd

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	49.0	64.5	61.6	1.40	+0.000	1.0
14	49.1	64.7	64.6	2.10	+0.000	.9
8	49.0	66.5	52.7	1.70	+0.000	.7
9	48.2	65.4	58.1	1.60	+0.000	.7
36	46.5	64.1	63.3	1.30	-0.100	.8
39	47.5	67.2	56.6	2.20	-0.100	.8
44	47.5	71.0	54.1	1.70	+0.000	.8
49	47.2	67.9	62.2	2.10	+0.000	.7
54	48.2	56.7	51.7	1.60	+0.000	.7
66	47.9	62.5	55.2	2.50	+0.000	.8
67	48.2	58.5	52.3	1.60	+0.000	.9
116	48.9	59.2	56.2	2.10	+0.000	.7

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.5 dBc)	Pass	Hum Modulation:	(1 %)	Pass
Composite Triple Beat:	(-51.7 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-56.7 dBc)	Pass	In-Ch Frequency Response:	(2.5 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #5 River Road Peru

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 12:25 Temp: 41.øF	Time: 18:25 Temp: 31.øF	Time: 0:25 Temp: 29.øF	Time: 6:25 Temp: 19 øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
2	17.5	17.5	17.5	17.5	0.0
3	17.0	17.1	17.1	16.8	0.3
4	16.3	16.4	16.4	16.3	0.1
5	17.4	17.3	17.2	17.3	0.2
6	17.7	17.7	17.7	17.5	0.2
95	17.7	17.6	17.6	17.5	0.2
96	18.4	18.3	18.4	18.4	0.1
98	18.0	18.2	18.2	18.1	0.2
99	17.6	17.8	17.6	17.4	0.4
14	18.1	18.3	18.2	17.9	0.4
15	17.9	18.2	17.9	18.1	0.3
16	17.1	17.2	17.0	17.0	0.2
17	18.0	18.0	17.7	17.9	0.3
18	17.5	17.6	17.6	17.8	0.3
20	18.0	18.0	17.9	18.0	0.1
21	18.3	18.3	18.0	18.3	0.3
22	18.3	18.3	18.3	18.2	0.1
7	18.2	18.3	18.3	17.8	0.5
8	18.6	18.8	18.8	18.7	0.2
9	18.1	18.2	18.2	18.2	0.1
10	18.5	18.3	18.5	18.5	0.2
11	18.5	18.6	18.6	18.6	0.1
12	18.6	18.7	18.4	18.6	0.3
13	17.8	18.1	18.1	18.0	0.3
23	17.9	17.7	17.9	17.8	0.2
24	18.2	18.3	18.4	18.4	0.2
25	17.8	18.0	18.0	18.0	0.2
26	17.6	17.7	17.8	17.7	0.2
27	17.3	17.5	17.4	17.4	0.2
28	17.7	17.6	17.5	17.7	0.2
29	17.6	17.7	17.8	17.7	0.2
30	17.9	17.7	17.3	17.3	0.6
31	17.5	17.3	17.3	17.6	0.3
32	17.5	17.4	17.7	17.6	0.3
33	17.3	17.5	17.3	17.2	0.3
34	17.7	17.8	17.9	17.5	0.4
35	17.1	17.6	17.2	17.4	0.5
36	17.2	17.5	17.2	17.5	0.3
37	17.3	17.3	17.3	17.3	0.0
38	17.7	17.6	17.5	17.3	0.4
39	16.8	16.8	17.0	17.1	0.3
40	17.2	17.2	16.9	17.1	0.3
42	16.8	16.9	16.8	16.9	0.1
43	16.8	17.0	16.9	16.8	0.2
44	16.3	16.4	16.8	16.6	0.5
45	16.7	16.8	16.6	16.8	0.2
46	16.3	16.4	16.2	16.4	0.2

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [13.7] Ch. 73	P [13.7] Ch. 73	P [13.7] Ch. 73	P [13.8] Ch. 77
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [1.0] Ch. 49	P [1.2] Ch. 49	P [1.5] Ch. 77
Max-Min Carrier Delta (dB):	P [4.9] Ch. 8/73	P [5.1] Ch. 8/73	P [5.1] Ch. 8/73	P [4.9] Ch. 8/77

24 Hour Delta: PASS [.6 dB] Ch. 30

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #5 River Road Peru

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 12:25 Temp: 41.øF RECORD 1 (dBmv)	Time: 18:25 Temp: 31.øF RECORD 2 (dBmv)	Time: 0:25 Temp: 29.øF RECORD 3 (dBmv)	Time: 6:25 Temp: 19 øF RECORD 4 (dBmv)	DELTA (dB)
47	16.2	16.4	16.4	16.3	0.2
49	15.7	15.7	15.5	16.0	0.5
50	16.7	16.7	16.7	16.6	0.1
51	16.3	16.3	16.2	16.4	0.2
52	16.2	16.3	16.4	16.4	0.2
54	17.1	17.3	17.2	17.3	0.2
55	17.0	17.0	16.8	16.8	0.2
56	16.7	16.9	16.9	17.0	0.3
57	16.6	16.8	16.5	16.9	0.4
58	16.9	17.0	17.0	17.0	0.1
59	16.5	16.5	16.5	16.6	0.1
60	16.5	16.6	16.8	17.0	0.5
61	15.9	16.1	16.1	16.2	0.3
62	16.7	16.4	16.7	16.9	0.5
63	16.6	16.7	16.5	16.9	0.4
64	16.0	16.0	16.0	16.0	0.0
65	16.9	16.9	16.9	17.0	0.1
66	16.4	16.6	16.3	16.3	0.3
67	16.0	16.0	15.8	15.8	0.2
68	15.6	15.5	15.8	16.0	0.5
70	15.1	15.3	15.2	15.4	0.3
71	14.7	14.7	14.7	14.9	0.2
72	14.5	14.5	14.7	14.8	0.3
73	13.7	13.7	13.7	13.9	0.2
74	14.1	14.3	14.1	14.4	0.3
75	14.0	14.3	14.3	14.4	0.4
76	13.7	14.0	14.1	14.2	0.5
77	13.8	13.9	13.8	13.8	0.1
78	14.8	14.9	14.9	15.3	0.5

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [13.7] Ch. 73	P [13.7] Ch. 73	P [13.7] Ch. 73	P [13.8] Ch. 77
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [1.0] Ch. 49	P [1.2] Ch. 49	P [1.5] Ch. 77
Max-Min Carrier Delta (dB):	P [4.9] Ch. 8/73	P [5.1] Ch. 8/73	P [5.1] Ch. 8/73	P [4.9] Ch. 8/77

24 Hour Delta: PASS [.6 dB] Ch. 30

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#5 River Rd Peru

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	17.5	16.4	1.1
3	17.0	17.9	0.9
4	16.3	17.5	1.2
5	17.4	18.0	0.6
6	17.7	18.1	0.4
95	17.7	18.4	0.7
96	18.4	19.2	0.8
98	18.0	19.1	1.1
99	17.6	18.8	1.2
14	18.1	19.0	0.9
15	17.9	18.8	0.9
16	17.1	18.8	1.7
17	18.0	18.9	0.9
18	17.5	19.3	1.8
20	18.0	19.6	1.6
21	18.3	19.4	1.1
22	18.3	19.8	1.5
7	18.2	19.3	1.1
8	18.6	19.9	1.3
9	18.1	19.6	1.5
10	18.5	19.7	1.2
11	18.5	19.7	1.2
12	18.6	19.9	1.3
13	17.8	19.4	1.6
23	17.9	19.2	1.3
24	18.2	19.4	1.2
25	17.8	18.8	1.0
26	17.6	19.1	1.5
27	17.3	18.5	1.2
28	17.7	19.0	1.3
29	17.6	19.1	1.5
30	17.9	18.8	0.9
31	17.5	18.6	1.1
32	17.5	18.7	1.2
33	17.3	18.7	1.4
34	17.7	18.7	1.0
35	17.1	18.8	1.7
36	17.2	18.7	1.5
37	17.3	18.5	1.2
38	17.7	18.9	1.2
39	16.8	18.1	1.3
40	17.2	18.6	1.4
42	16.8	18.2	1.4
43	16.8	18.4	1.6
44	16.3	18.1	1.8
45	16.7	18.1	1.4
46	16.3	17.9	1.6

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [13.7] Ch. 73	P [16.2] Ch. 78
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [1.5] Ch. 2
Max-Min Carrier Delta (dB):	P [4.9] Ch. 8/73	P [3.7] Ch. 8/78

6 Month Delta: PASS [3.2 dB] Ch. 73

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#5 River Rd Peru

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	16.2	18.1	1.9
49	15.7	17.6	1.9
50	16.7	17.7	1.0
51	16.3	17.9	1.6
52	16.2	18.2	2.0
54	17.1	18.5	1.4
55	17.0	18.9	1.9
56	16.7	18.7	2.0
57	16.6	18.8	2.2
58	16.9	18.4	1.5
59	16.5	18.7	2.2
60	16.5	18.7	2.2
61	15.9	18.7	2.8
62	16.7	18.8	2.1
63	16.6	18.3	1.7
64	16.0	18.4	2.4
65	16.9	19.1	2.2
66	16.4	18.8	2.4
67	16.0	18.8	2.8
68	15.6	18.5	2.9
70	15.1	18.0	2.9
71	14.7	17.5	2.8
72	14.5	17.2	2.7
73	13.7	16.9	3.2
74	14.1	17.0	2.9
75	14.0	17.1	3.1
76	13.7	16.9	3.2
78	14.8	16.2	1.4

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [13.7] Ch. 73	P [16.2] Ch. 78
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49	P [1.5] Ch. 2
Max-Min Carrier Delta (dB):	P [4.9] Ch. 8/73	P [3.7] Ch. 8/78

6 Month Delta: PASS [3.2 dB] Ch. 73

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #5 River Road Peru

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	17.5	2.4	15.1
3	17.0	3.0	14.0
4	16.3	3.9	12.4
5	17.4	2.6	14.8
6	17.7	3.4	14.3
95	17.7	3.5	14.2
96	18.4	4.1	14.3
98	18.0	3.9	14.1
99	17.6	3.0	14.6
14	18.1	3.6	14.5
15	17.9	3.8	14.1
16	17.1	2.8	14.3
17	18.0	2.9	15.1
18	17.5	3.3	14.2
20	18.0	3.7	14.3
21	18.3	3.7	14.6
22	18.3	4.2	14.1
7	18.2	3.7	14.5
8	18.6	1.6	17.0
9	18.1	4.2	13.9
10	18.5	4.0	14.5
11	18.5	3.5	15.0
12	18.6	4.4	14.2
13	17.8	4.0	13.8
23	17.9	3.4	14.5
24	18.2	3.7	14.5
25	17.8	3.8	14.0
26	17.6	3.4	14.2
27	17.3	3.9	13.4
28	17.7	3.3	14.4
29	17.6	3.6	14.0
30	17.9	3.6	14.3
31	17.5	3.6	13.9
32	17.5	3.0	14.5
33	17.3	3.2	14.1
34	17.7	3.6	14.1
35	17.1	3.5	13.6
36	17.2	2.5	14.7
37	17.3	2.8	14.5
38	17.7	3.0	14.7
39	16.8	2.3	14.5
40	17.2	2.7	14.5
42	16.8	2.1	14.7
43	16.8	2.4	14.4
44	16.3	2.3	14.0
45	16.7	2.3	14.4
46	16.3	1.9	14.4

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [13.7] Ch. 73
Worst Upper V/A Ratio (dB):	P [17.0] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.4] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49
Max-Min Carrier Delta (dB):	P [4.9] Ch. 8/73

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01-22-2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #5 River Road Peru

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
47	16.2	2.0	14.2
49	15.7	1.6	14.1
50	16.7	0.9	15.8
51	16.3	2.2	14.1
52	16.2	2.3	13.9
54	17.1	3.0	14.1
55	17.0	2.8	14.2
56	16.7	2.8	13.9
57	16.6	2.6	14.0
58	16.9	2.9	14.0
59	16.5	2.1	14.4
60	16.5	2.7	13.8
61	15.9	2.4	13.5
62	16.7	2.5	14.2
63	16.6	2.3	14.3
64	16.0	2.0	14.0
65	16.9	2.4	14.5
66	16.4	2.0	14.4
67	16.0	1.4	14.6
68	15.6	1.6	14.0
70	15.1	0.9	14.2
71	14.7	0.4	14.3
72	14.5	0.0	14.5
73	13.7	-0.3	14.0
74	14.1	0.1	14.0
75	14.0	0.3	13.7
76	13.7	-0.4	14.1
77	13.8	0.0	13.8
78	14.8	0.7	14.1

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [13.7] Ch. 73
Worst Upper V/A Ratio (dB):	P [17.0] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.4] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.0] Ch. 49
Max-Min Carrier Delta (dB):	P [4.9] Ch. 8/73

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #5 River Road Peru

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	49.4	70.2	64.6	.60	+0.000	.8
14	48.0	66.8	59.5	.50	+0.100	.7
8	47.3	67.0	61.6	.20	+0.000	.6
9	48.2	70.3	59.5	1.40	+0.000	.7
36	46.8	64.1	60.7	1.30	+0.000	.8
39	46.3	74.9	54.5	1.20	+0.000	.7
44	48.6	62.9	57.3	1.60	-0.100	.8
49	47.1	67.1	55.4	1.20	+0.000	.7
54	47.2	66.6	53.6	1.60	+0.000	.8
66	48.2	65.3	55.1	1.80	+0.000	.9
67	48.5	58.8	54.9	1.90	+0.000	.7
116	48.5	56.9	57.1	.80	+0.000	.7

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.3 dBc)	Pass	Hum Modulation:	(0.9 %)	Pass
Composite Triple Beat:	(-53.6 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-56.9 dBc)	Pass	In-Ch Frequency Response:	(1.9 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #6 RT9 VFW Keeseville

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 14:08	Time: 20:08	Time: 02:08	Time: 08:08	
	Temp: 70.øF	Temp: 31.øF	Temp: 23.øF	Temp: 15.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
2	14.3	14.0	13.7	13.6	0.7
3	13.5	13.4	13.1	12.9	0.6
4	13.3	13.0	12.9	13.3	0.4
5	14.4	14.5	14.2	13.9	0.6
6	15.1	14.9	14.9	14.5	0.6
95	15.0	14.9	14.7	14.5	0.5
96	15.4	15.1	14.9	14.9	0.5
98	14.7	14.6	14.4	14.2	0.5
99	14.3	14.2	13.9	13.7	0.6
14	14.8	14.6	14.4	14.3	0.5
15	14.5	14.4	14.4	14.2	0.3
16	13.2	13.6	13.0	12.9	0.7
17	14.6	14.7	14.5	14.2	0.5
18	14.4	14.3	14.1	13.9	0.5
20	15.0	14.7	14.8	14.6	0.4
21	15.0	15.0	14.9	14.6	0.4
22	14.8	14.6	14.7	14.6	0.2
7	14.9	14.7	14.8	14.4	0.5
8	15.2	15.4	15.4	15.0	0.4
9	15.0	15.0	15.0	14.6	0.4
10	15.4	15.3	15.3	15.1	0.3
11	15.4	15.3	15.3	15.3	0.1
12	15.7	15.7	15.9	15.6	0.3
13	15.1	15.5	15.3	15.2	0.4
23	15.1	15.2	15.0	15.0	0.2
24	15.5	15.6	15.4	15.3	0.3
25	15.5	15.7	15.5	15.5	0.2
26	15.4	15.6	15.4	15.3	0.3
27	15.5	15.6	15.2	15.3	0.4
28	15.5	15.6	15.4	15.4	0.2
29	15.6	15.5	15.5	15.1	0.5
30	15.6	15.2	15.3	15.2	0.4
31	15.3	15.0	15.1	15.1	0.3
32	15.1	15.1	15.0	15.0	0.1
33	14.8	15.0	14.8	14.8	0.2
34	14.9	15.2	14.8	14.7	0.5
35	14.6	14.9	14.6	14.7	0.3
36	14.4	14.7	14.3	14.5	0.4
37	14.5	14.5	14.5	14.3	0.2
38	14.9	15.0	14.6	14.6	0.4
39	14.4	14.8	14.7	14.6	0.4
40	14.7	15.2	15.1	14.5	0.7
42	15.4	15.4	15.4	15.3	0.1
43	15.4	15.5	15.5	15.5	0.1
44	15.5	15.3	15.5	15.5	0.2
45	15.6	15.4	15.5	15.7	0.3
46	15.4	15.3	15.5	15.5	0.2

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [13.2] Ch. 16	P [13.0] Ch. 4	P [12.9] Ch. 4	P [12.9] Ch. 3
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 16	P [1.7] Ch. 61	P [1.7] Ch. 61	P [1.6] Ch. 61
Max-Min Carrier Delta (dB):	P [5.8] Ch. 60/16	P [6.6] Ch. 60/4	P [6.3] Ch. 60/4	P [6.6] Ch. 60/3

24 Hour Delta: PASS [1.2 dB] Ch. 50

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #6 RT9 VFW Keeseville

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 14:08 Temp: 70.øF	Time: 20:08 Temp: 31.øF	Time: 02:08 Temp: 23.øF	Time: 08:08 Temp: 15.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
47	15.7	15.9	15.6	15.7	0.3
49	15.7	16.1	15.2	15.1	1.0
50	17.1	17.3	16.2	16.1	1.2
51	16.7	17.1	16.3	16.5	0.8
52	17.1	17.4	16.8	17.0	0.6
54	18.1	18.6	18.1	18.2	0.5
55	18.5	18.8	18.5	18.3	0.5
56	18.3	18.7	18.5	18.5	0.4
57	18.5	18.9	18.0	18.6	0.9
58	18.8	19.1	18.8	19.0	0.3
59	18.9	19.3	18.8	19.0	0.5
60	19.0	19.6	19.2	19.5	0.6
61	18.5	18.7	19.1	19.2	0.7
62	17.1	17.0	17.4	17.6	0.6
63	16.2	16.1	16.2	16.0	0.2
64	15.5	15.9	15.2	15.4	0.7
65	16.8	17.0	16.7	16.9	0.3
66	17.2	17.4	17.2	16.9	0.5
67	17.1	17.2	17.0	16.7	0.5
68	17.1	17.4	17.4	17.1	0.3
70	16.3	16.7	16.6	16.5	0.4
71	15.7	15.9	15.9	15.4	0.5
72	15.3	15.7	15.9	15.7	0.6
73	14.8	15.0	15.2	15.4	0.6
74	15.1	15.6	15.7	15.8	0.7
75	15.3	15.8	15.7	16.0	0.7
76	14.5	15.1	15.1	15.2	0.7
78	14.1	14.1	14.1	14.3	0.2

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [13.2] Ch. 16	P [13.0] Ch. 4	P [12.9] Ch. 4	P [12.9] Ch. 3
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 16	P [1.7] Ch. 61	P [1.7] Ch. 61	P [1.6] Ch. 61
Max-Min Carrier Delta (dB):	P [5.8] Ch. 60/16	P [6.6] Ch. 60/4	P [6.3] Ch. 60/4	P [6.6] Ch. 60/3

24 Hour Delta: PASS [1.2 dB] Ch. 50

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#6 RT 9 VFW Keeseville

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	14.3	16.2	1.9
3	13.5	16.6	3.1
4	13.3	16.4	3.1
5	14.4	17.3	2.9
6	15.1	17.1	2.0
95	15.0	17.9	2.9
96	15.4	17.4	2.0
98	14.7	17.2	2.5
99	14.3	16.8	2.5
14	14.8	16.9	2.1
15	14.5	16.8	2.3
16	13.2	16.2	3.0
17	14.6	16.6	2.0
18	14.4	17.0	2.6
20	15.0	17.0	2.0
21	15.0	17.0	2.0
22	14.8	17.1	2.3
7	14.9	16.4	1.5
8	15.2	16.9	1.7
9	15.0	16.8	1.8
10	15.4	16.8	1.4
11	15.4	17.1	1.7
12	15.7	17.3	1.6
13	15.1	16.6	1.5
23	15.1	16.6	1.5
24	15.5	16.8	1.3
25	15.5	16.8	1.3
26	15.4	17.2	1.8
27	15.5	16.7	1.2
28	15.5	16.6	1.1
29	15.6	16.7	1.1
30	15.6	16.3	0.7
31	15.3	16.0	0.7
32	15.1	16.0	0.9
33	14.8	15.6	0.8
34	14.9	15.6	0.7
35	14.6	15.4	0.8
36	14.4	15.3	0.9
37	14.5	15.2	0.7
38	14.9	15.1	0.2
39	14.4	14.6	0.2
40	14.7	15.8	1.1
42	15.4	15.4	0.0
43	15.4	16.0	0.6
44	15.5	16.2	0.7
45	15.6	16.4	0.8
46	15.4	16.4	1.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [13.2] Ch. 16	P [13.1] Ch. 71
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 16	P [1.3] Ch. 71
Max-Min Carrier Delta (dB):	P [5.8] Ch. 60/16	P [5.3] Ch. 55/71

6 Month Delta: PASS [3.1 dB] Ch. 3

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#6 RT 9 VFW Keeseville

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	15.7	16.4	0.7
49	15.7	16.5	0.8
50	17.1	16.9	0.2
51	16.7	17.2	0.5
52	17.1	17.4	0.3
54	18.1	18.2	0.1
55	18.5	18.4	0.1
56	18.3	18.1	0.2
57	18.5	18.0	0.5
58	18.8	17.8	1.0
59	18.9	17.7	1.2
60	19.0	17.2	1.8
61	18.5	17.9	0.6
62	17.1	18.1	1.0
63	16.2	17.9	1.7
64	15.5	17.8	2.3
65	16.8	18.0	1.2
66	17.2	18.0	0.8
67	17.1	17.8	0.7
68	17.1	17.1	0.0
70	16.3	14.3	2.0
71	15.7	13.1	2.6
72	15.3	14.4	0.9
73	14.8	15.0	0.2
74	15.1	15.3	0.2
75	15.3	15.9	0.6
76	14.5	15.9	1.4
78	14.1	16.1	2.0

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [13.2] Ch. 16	P [13.1] Ch. 71
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 16	P [1.3] Ch. 71
Max-Min Carrier Delta (dB):	P [5.8] Ch. 60/16	P [5.3] Ch. 55/71

6 Month Delta: PASS [3.1 dB] Ch. 3

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#6 RT 9 VFW Keeseville

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	14.3	-0.7	15.0
3	13.5	-0.1	13.6
4	13.3	4.4	8.9
5	14.4	0.0	14.4
6	15.1	1.1	14.0
95	15.0	1.1	13.9
96	15.4	1.8	13.6
98	14.7	0.5	14.2
99	14.3	0.2	14.1
14	14.8	0.3	14.5
15	14.5	0.1	14.4
16	13.2	0.1	13.1
17	14.6	-0.1	14.7
18	14.4	0.8	13.6
20	15.0	0.8	14.2
21	15.0	0.7	14.3
22	14.8	1.5	13.3
7	14.9	0.6	14.3
8	15.2	-1.1	16.3
9	15.0	1.1	13.9
10	15.4	1.1	14.3
11	15.4	0.7	14.7
12	15.7	1.6	14.1
13	15.1	1.6	13.5
23	15.1	1.0	14.1
24	15.5	1.6	13.9
25	15.5	1.9	13.6
26	15.4	1.6	13.8
27	15.5	2.1	13.4
28	15.5	1.4	14.1
29	15.6	1.7	13.9
30	15.6	1.3	14.3
31	15.3	1.4	13.9
32	15.1	0.9	14.2
33	14.8	0.4	14.4
34	14.9	0.9	14.0
35	14.6	1.2	13.4
36	14.4	0.1	14.3
37	14.5	0.7	13.8
38	14.9	0.8	14.1
39	14.4	0.3	14.1
40	14.7	0.9	13.8
42	15.4	1.0	14.4
43	15.4	1.7	13.7
44	15.5	1.7	13.8
45	15.6	1.8	13.8
46	15.4	1.8	13.6

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [13.2] Ch. 16
Worst Upper V/A Ratio (dB):	P [16.3] Ch. 8
Worst Lower V/A Ratio (dB):	P [8.9] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 16
Max-Min Carrier Delta (dB):	P [5.8] Ch. 60/16

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#6 RT 9 VFW Keeseville

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
47	15.7	1.8	13.9
49	15.7	2.0	13.7
50	17.1	1.5	15.6
51	16.7	3.1	13.6
52	17.1	3.5	13.6
54	18.1	4.5	13.6
55	18.5	4.7	13.8
56	18.3	4.2	14.1
57	18.5	5.0	13.5
58	18.8	5.2	13.6
59	18.9	5.0	13.9
60	19.0	5.2	13.8
61	18.5	3.3	15.2
62	17.1	2.6	14.5
63	16.2	1.8	14.4
64	15.5	2.3	13.2
65	16.8	3.7	13.1
66	17.2	3.3	13.9
67	17.1	3.0	14.1
68	17.1	3.1	14.0
70	16.3	2.0	14.3
71	15.7	1.6	14.1
72	15.3	1.2	14.1
73	14.8	0.5	14.3
74	15.1	1.2	13.9
75	15.3	0.7	14.6
76	14.5	0.1	14.4
78	14.1	0.6	13.5

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [13.2] Ch. 16
Worst Upper V/A Ratio (dB):	P [16.3] Ch. 8
Worst Lower V/A Ratio (dB):	P [8.9] Ch. 4
Worst Adj. Carrier Delta (dB):	P [1.4] Ch. 16
Max-Min Carrier Delta (dB):	P [5.8] Ch. 60/16

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/22/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#6 RT 9 VFW Keeseville

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	64.0	62.1	60.2	.60	+0.000	.7
14	49.0	58.9	57.3	.50	+0.000	.8
8	51.9	65.9	54.1	.20	+0.000	.9
9	55.7	63.3	59.0	1.40	+0.000	.9
36	55.1	66.7	60.5	1.30	+0.100	.9
39	55.8	63.0	54.8	1.20	+0.000	.9
44	48.9	63.2	54.1	1.60	+0.000	.9
49	46.4	64.1	54.8	1.20	+0.000	.7
54	58.6	68.6	56.7	1.60	+0.000	.7
66	50.1	56.6	54.5	1.80	+0.100	.8
67	54.6	62.5	56.5	1.90	+0.000	.8
116	53.0	64.6	62.5	.80	+0.000	.7

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.4 dBc)	Pass	Hum Modulation:	(0.9 %)	Pass
Composite Triple Beat:	(-54.1 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-56.6 dBc)	Pass	In-Ch Frequency Response:	(1.9 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #7 Dudliy road Westport

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 13:47 Temp: 49.øF	Time: 19:47 Temp: 24.øF	Time: 01:47 Temp: 19.øF	Time: 07:47 Temp: 19.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
2	17.3	17.2	17.4	17.2	0.2
3	17.0	17.2	17.2	16.8	0.4
4	17.3	17.2	17.3	17.1	0.2
5	17.2	17.4	17.5	17.4	0.3
6	17.6	17.5	17.5	17.6	0.1
95	17.1	17.4	17.3	17.0	0.4
96	17.9	17.8	17.9	17.7	0.2
98	17.4	17.3	17.4	17.1	0.3
99	16.7	16.5	16.6	16.5	0.2
14	16.8	16.9	16.8	16.5	0.4
15	16.3	16.3	16.6	16.3	0.3
16	15.5	15.8	15.9	15.4	0.5
17	16.4	16.6	16.7	16.3	0.4
18	16.2	15.8	16.4	16.3	0.6
20	15.3	16.6	16.8	16.4	1.5
21	15.5	16.4	16.5	16.2	1.0
22	16.1	16.6	16.5	16.4	0.5
7	16.6	16.7	16.7	16.5	0.2
8	17.4	17.4	17.2	17.3	0.2
9	17.1	17.2	17.4	17.1	0.3
10	17.2	17.2	17.3	17.1	0.2
11	17.8	17.7	17.8	17.6	0.2
12	18.3	17.9	18.3	18.0	0.4
13	17.8	17.0	18.0	17.6	1.0
23	17.5	14.8	17.7	17.1	2.9
24	17.7	16.9	17.6	16.6	1.1
25	17.8	17.5	17.0	15.6	2.2
26	18.0	17.8	15.2	16.7	2.8
27	17.9	18.1	17.0	17.7	1.1
28	18.2	18.2	18.0	17.9	0.3
29	18.4	18.4	18.5	18.5	0.1
30	18.1	17.8	17.9	18.1	0.3
31	17.8	18.3	18.3	18.0	0.5
32	18.0	18.3	18.3	18.2	0.3
33	17.6	17.9	17.9	17.8	0.3
34	18.1	18.3	18.4	18.1	0.3
35	17.6	17.9	17.9	17.9	0.3
36	17.5	17.8	17.9	17.9	0.4
37	17.9	18.1	18.1	17.9	0.2
38	18.4	18.7	18.5	18.4	0.3
39	18.0	18.0	18.4	18.1	0.4
40	18.2	18.3	18.4	18.2	0.2
42	17.8	18.2	18.0	17.8	0.4
43	18.2	18.3	18.5	18.3	0.3
44	18.0	18.0	18.0	18.1	0.1
45	18.0	18.3	18.1	18.2	0.3
46	17.5	17.7	17.9	17.8	0.4

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [15.3] Ch. 20	P [14.8] Ch. 23	P [15.2] Ch. 26	P [15.4] Ch. 16
Worst Adj. Carrier Delta (dB):	P [1.2] Ch. 64	P [2.2] Ch. 13	P [1.8] Ch. 25	P [1.4] Ch. 64
Max-Min Carrier Delta (dB):	P [3.3] Ch. 66/20	P [3.9] Ch. 38/23	P [3.3] Ch. 29/26	P [3.1] Ch. 29/16

24 Hour Delta: PASS [2.9 dB] Ch. 23

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #7 Dudliy road Westport

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

CHANNEL	Time: 13:47 Temp: 49.øF RECORD 1 (dBmv)	Time: 19:47 Temp: 24.øF RECORD 2 (dBmv)	Time: 01:47 Temp: 19.øF RECORD 3 (dBmv)	Time: 07:47 Temp: 19.øF RECORD 4 (dBmv)	DELTA (dB)
47	17.6	17.7	17.8	17.7	0.2
49	17.1	17.4	17.3	17.2	0.3
50	17.9	18.2	18.2	17.9	0.3
51	17.0	17.8	17.6	17.6	0.8
52	17.1	17.3	17.4	17.3	0.3
54	17.0	17.9	17.8	17.5	0.9
55	17.0	17.9	17.7	17.6	0.9
56	16.8	17.4	17.4	17.2	0.6
57	16.7	17.1	17.0	16.9	0.4
58	16.9	17.0	17.1	17.0	0.2
59	17.2	17.2	17.1	17.1	0.1
60	17.5	16.9	16.9	17.1	0.6
61	16.7	16.2	16.4	16.1	0.6
62	17.8	17.3	17.2	16.9	0.9
63	18.0	17.5	17.3	16.9	1.1
64	17.3	17.1	17.2	16.9	0.4
65	18.5	18.5	18.5	18.3	0.2
66	18.6	18.6	18.4	18.3	0.3
67	18.1	18.0	17.8	17.7	0.4
68	18.0	18.0	17.9	17.9	0.1
70	17.7	17.8	17.6	17.6	0.2
71	16.6	17.0	16.6	16.7	0.4
72	16.8	17.0	17.0	16.7	0.3
73	16.2	16.7	16.3	16.3	0.5
74	16.1	16.9	16.5	16.8	0.8
75	16.5	17.2	17.2	17.1	0.7
76	16.4	17.0	17.0	16.6	0.6
78	16.7	17.0	17.0	16.6	0.4

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [15.3] Ch. 20	P [14.8] Ch. 23	P [15.2] Ch. 26	P [15.4] Ch. 16
Worst Adj. Carrier Delta (dB):	P [1.2] Ch. 64	P [2.2] Ch. 13	P [1.8] Ch. 25	P [1.4] Ch. 64
Max-Min Carrier Delta (dB):	P [3.3] Ch. 66/20	P [3.9] Ch. 38/23	P [3.3] Ch. 29/26	P [3.1] Ch. 29/16

24 Hour Delta: PASS [2.9 dB] Ch. 23

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #7 Dudley Rd Westport

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	17.3	16.9	0.4
3	17.0	17.6	0.6
4	17.3	17.6	0.3
5	17.2	18.1	0.9
6	17.6	17.5	0.1
95	17.1	17.1	0.0
96	17.9	17.4	0.5
98	17.4	16.1	1.3
99	16.7	16.6	0.1
14	16.8	16.8	0.0
15	16.3	16.5	0.2
16	15.5	16.3	0.8
17	16.4	16.6	0.2
18	16.2	16.4	0.2
20	15.3	16.4	1.1
21	15.5	16.2	0.7
22	16.1	16.2	0.1
7	16.6	17.2	0.6
8	17.4	16.9	0.5
9	17.1	16.2	0.9
10	17.2	17.0	0.2
11	17.8	18.0	0.2
12	18.3	17.3	1.0
13	17.8	17.8	0.0
23	17.5	17.8	0.3
24	17.7	17.8	0.1
25	17.8	17.5	0.3
26	18.0	18.2	0.2
27	17.9	18.3	0.4
28	18.2	18.2	0.0
29	18.4	18.9	0.5
30	18.1	17.9	0.2
31	17.8	18.2	0.4
32	18.0	18.1	0.1
33	17.6	18.5	0.9
34	18.1	17.8	0.3
35	17.6	17.7	0.1
36	17.5	18.5	1.0
37	17.9	17.9	0.0
38	18.4	18.2	0.2
39	18.0	18.5	0.5
40	18.2	18.2	0.0
42	17.8	18.1	0.3
43	18.2	18.3	0.1
44	18.0	17.8	0.2
45	18.0	18.3	0.3
46	17.5	18.3	0.8

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [15.3] Ch. 20	P [15.8] Ch. 58
Worst Adj. Carrier Delta (dB):	P [1.2] Ch. 64	P [1.5] Ch. 50
Max-Min Carrier Delta (dB):	P [3.3] Ch. 66/20	P [3.1] Ch. 29/58

6 Month Delta: PASS [1.9 dB] Ch. 74

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #7 Dudley Rd Westport

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	17.6	17.5	0.1
49	17.1	17.9	0.8
50	17.9	18.5	0.6
51	17.0	17.0	0.0
52	17.1	17.3	0.2
54	17.0	16.8	0.2
55	17.0	16.6	0.4
56	16.8	16.9	0.1
57	16.7	16.5	0.2
58	16.9	15.8	1.1
59	17.2	16.8	0.4
60	17.5	16.9	0.6
61	16.7	16.3	0.4
62	17.8	17.6	0.2
63	18.0	18.1	0.1
64	17.3	18.0	0.7
65	18.5	17.9	0.6
66	18.6	18.8	0.2
67	18.1	18.5	0.4
68	18.0	18.5	0.5
70	17.7	18.6	0.9
71	16.6	18.1	1.5
72	16.8	17.4	0.6
73	16.2	16.8	0.6
74	16.1	18.0	1.9
75	16.5	17.2	0.7
76	16.4	17.2	0.8
78	16.7	16.5	0.2

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [15.3] Ch. 20	P [15.8] Ch. 58
Worst Adj. Carrier Delta (dB):	P [1.2] Ch. 64	P [1.5] Ch. 50
Max-Min Carrier Delta (dB):	P [3.3] Ch. 66/20	P [3.1] Ch. 29/58

6 Month Delta: PASS [1.9 dB] Ch. 74

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#7 Dudly Road Westport

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	20.6	4.3	16.3
3	18.9	5.4	13.5
4	20.1	5.3	14.8
5	19.8	4.6	15.2
6	20.0	5.5	14.5
95	18.7	4.6	14.1
96	20.1	6.0	14.1
98	19.4	5.7	13.7
99	19.5	5.2	14.3
14	19.6	5.5	14.1
15	19.9	4.9	15.0
16	19.1	5.1	14.0
17	20.3	4.7	15.6
18	19.6	6.1	13.5
20	20.7	6.6	14.1
21	20.7	6.3	14.4
22	20.9	6.9	14.0
7	20.6	6.2	14.4
8	21.5	4.5	17.0
9	21.1	6.9	14.2
10	21.4	7.0	14.4
11	21.2	6.7	14.5
12	21.8	7.3	14.5
13	20.8	6.5	14.3
23	20.7	6.3	14.4
24	21.4	8.1	13.3
25	22.2	7.7	14.5
26	21.7	7.5	14.2
27	21.7	7.9	13.8
28	21.7	7.5	14.2
29	21.9	7.3	14.6
30	21.7	7.6	14.1
31	21.4	7.3	14.1
32	21.4	7.0	14.4
33	21.0	6.8	14.2
34	21.6	7.5	14.1
35	21.5	7.4	14.1
36	21.7	7.1	14.6
37	21.9	7.8	14.1
38	22.2	8.0	14.2
39	21.8	6.9	14.9
40	21.6	7.1	14.5
42	21.1	6.8	14.3
43	21.4	7.0	14.4
44	21.1	7.3	13.8
45	21.4	7.1	14.3
46	21.6	7.3	14.3

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95
Worst Upper V/A Ratio (dB):	P [17.0] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.9] Ch. 61
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#7 Dudly Road Westport

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
47	21.6	7.3	14.3
49	21.3	7.0	14.3
50	22.3	6.4	15.9
51	21.6	7.7	13.9
52	22.1	7.8	14.3
54	23.2	8.7	14.5
55	22.5	9.3	13.2
56	22.8	8.4	14.4
57	22.5	9.3	13.2
58	23.6	9.4	14.2
59	23.2	9.6	13.6
60	24.2	10.2	14.0
61	23.6	10.7	12.9
62	24.9	10.9	14.0
63	24.7	11.3	13.4
64	25.0	10.9	14.1
65	25.9	11.9	14.0
66	26.0	11.8	14.2
67	25.5	11.7	13.8
68	26.2	11.6	14.6
70	26.0	11.2	14.8
71	25.0	11.2	13.8
72	25.7	10.3	15.4
73	24.3	10.6	13.7
74	24.7	10.2	14.5
75	24.1	10.3	13.8
76	24.3	9.2	15.1
78	24.0	9.2	14.8

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95
Worst Upper V/A Ratio (dB):	P [17.0] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.9] Ch. 61
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#7 Dudley Rd Westport

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	47.9	67.4	61.0	.70	+0.000	.8
14	48.1	62.0	57.2	1.00	+0.000	.9
8	48.4	66.4	55.1	.30	-0.100	.8
9	48.5	67.4	57.4	1.10	+0.000	.8
36	48.5	68.4	57.4	1.50	+0.000	.7
39	47.8	63.5	58.2	.90	+0.000	.8
44	47.0	68.1	54.5	1.20	+0.000	.8
49	48.2	71.3	54.5	1.50	+0.000	.8
54	49.2	59.8	51.9	1.60	+0.100	.7
66	49.8	67.1	56.1	1.80	+0.000	.7
67	48.2	58.4	52.9	.90	+0.000	.8
116	48.0	54.1	51.2	.90	-0.100	.7

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-47 dBc)	Pass	Hum Modulation:	(0.9 %)	Pass
Composite Triple Beat:	(-51.2 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-54.1 dBc)	Pass	In-Ch Frequency Response:	(1.8 dB p-v)	Pass

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #8 1042 Bartlet Jay

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 11:06	Time: 17:06	Time: 23:06	Time: 05:06	
	Temp: 52.øF	Temp: 29.øF	Temp: 24.øF	Temp: 23.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
2	20.6	20.5	20.7	20.5	0.2
3	18.9	20.2	20.1	20.0	1.3
4	20.1	20.5	20.4	20.6	0.5
5	19.8	19.8	20.1	19.8	0.3
6	20.0	20.2	20.1	20.0	0.2
95	18.7	19.2	19.1	18.3	0.9
96	20.1	20.4	20.3	20.5	0.4
98	19.4	19.8	19.8	19.8	0.4
99	19.5	20.0	19.6	19.6	0.5
14	19.6	20.3	20.1	20.1	0.7
15	19.9	20.2	20.2	20.0	0.3
16	19.1	20.1	19.8	19.9	1.0
17	20.3	20.6	20.6	20.6	0.3
18	19.6	20.2	20.4	20.4	0.8
20	20.7	21.1	21.1	21.0	0.4
21	20.7	21.0	21.1	21.1	0.4
22	20.9	21.0	21.0	21.0	0.1
7	20.6	21.0	20.8	20.5	0.5
8	21.5	21.3	21.1	21.2	0.4
9	21.1	21.4	21.3	21.4	0.3
10	21.4	21.1	21.3	21.2	0.3
11	21.2	21.3	21.2	21.2	0.1
12	21.8	21.7	21.6	21.6	0.2
13	20.8	21.1	21.0	21.1	0.3
23	20.7	21.0	21.1	21.1	0.4
24	21.4	22.2	22.1	22.3	0.9
25	22.2	21.8	22.0	21.8	0.4
26	21.7	21.8	21.8	21.6	0.2
27	21.7	21.8	21.7	21.8	0.1
28	21.7	22.0	21.9	21.9	0.3
29	21.9	22.1	22.0	21.8	0.3
30	21.7	21.9	21.7	21.5	0.4
31	21.4	21.6	21.6	21.7	0.3
32	21.4	21.6	21.6	21.5	0.2
33	21.0	21.4	21.6	21.3	0.6
34	21.6	22.0	21.8	21.5	0.5
35	21.5	21.8	21.7	21.6	0.3
36	21.7	22.1	21.8	22.1	0.4
37	21.9	22.2	22.1	22.4	0.5
38	22.2	22.4	22.5	22.3	0.3
39	21.8	21.9	21.9	21.7	0.2
40	21.6	22.0	21.8	21.9	0.4
42	21.1	21.4	21.4	21.4	0.3
43	21.4	21.8	21.8	21.8	0.4
44	21.1	21.7	21.5	21.7	0.6
45	21.4	22.0	22.0	21.9	0.6
46	21.6	22.2	22.0	22.0	0.6

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95	P [19.2] Ch. 95	P [19.1] Ch. 95	P [18.3] Ch. 95
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2	P [1.2] Ch. 23	P [1.3] Ch. 49	P [2.2] Ch. 95
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95	P [7.3] Ch. 66/95	P [7.2] Ch. 65/95	P [8.2] Ch. 66/95

24 Hour Delta: PASS [1.3 dB] Ch. 3

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP #8 1042 Bartlet Jay

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

24 HOUR TEST

	Time: 11:06 Temp: 52.øF	Time: 17:06 Temp: 29.øF	Time: 23:06 Temp: 24.øF	Time: 05:06 Temp: 23.øF	
CHANNEL	RECORD 1 (dBmv)	RECORD 2 (dBmv)	RECORD 3 (dBmv)	RECORD 4 (dBmv)	DELTA (dB)
47	21.6	21.9	22.1	22.0	0.5
49	21.3	22.1	21.5	21.9	0.8
50	22.3	22.8	22.8	22.8	0.5
51	21.6	22.7	22.5	22.4	1.1
52	22.1	22.4	22.5	22.4	0.4
54	23.2	23.6	23.5	23.6	0.4
55	22.5	23.6	23.5	23.4	1.1
56	22.8	23.1	23.1	23.0	0.3
57	22.5	23.3	23.3	23.4	0.9
58	23.6	23.8	23.7	23.7	0.2
59	23.2	24.0	24.0	23.8	0.8
60	24.2	24.5	24.3	24.2	0.3
61	23.6	24.3	24.1	23.7	0.7
62	24.9	25.1	25.0	25.2	0.3
63	24.7	25.6	25.4	25.3	0.9
64	25.0	25.2	25.2	25.0	0.2
65	25.9	26.3	26.3	26.3	0.4
66	26.0	26.5	26.3	26.5	0.5
67	25.5	26.2	26.1	25.9	0.7
68	26.2	25.6	26.1	26.1	0.6
70	26.0	25.6	25.8	25.9	0.4
71	25.0	25.6	25.3	25.5	0.6
72	25.7	25.3	25.0	25.2	0.7
73	24.3	24.6	24.6	24.6	0.3
74	24.7	24.5	24.4	24.4	0.3
75	24.1	24.7	24.5	24.5	0.6
76	24.3	23.8	23.8	23.7	0.6
78	24.0	23.8	23.5	23.5	0.5

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	RECORD 1	RECORD 2	RECORD 3	RECORD 4
Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95	P [19.2] Ch. 95	P [19.1] Ch. 95	P [18.3] Ch. 95
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2	P [1.2] Ch. 23	P [1.3] Ch. 49	P [2.2] Ch. 95
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95	P [7.3] Ch. 66/95	P [7.2] Ch. 65/95	P [8.2] Ch. 66/95

24 Hour Delta: PASS [1.3 dB] Ch. 3

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#8 Bartlet Rd Jay

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
2	20.6	19.8	0.8
3	18.9	20.0	1.1
4	20.1	20.0	0.1
5	19.8	20.1	0.3
6	20.0	19.6	0.4
95	18.7	16.7	2.0
96	20.1	19.8	0.3
98	19.4	19.5	0.1
99	19.5	19.7	0.2
14	19.6	19.7	0.1
15	19.9	19.5	0.4
16	19.1	19.5	0.4
17	20.3	19.9	0.4
18	19.6	19.8	0.2
20	20.7	20.5	0.2
21	20.7	20.8	0.1
22	20.9	20.4	0.5
7	20.6	20.8	0.2
8	21.5	20.8	0.7
9	21.1	20.0	1.1
10	21.4	20.7	0.7
11	21.2	21.2	0.0
12	21.8	20.7	1.1
13	20.8	20.8	0.0
23	20.7	20.7	0.0
24	21.4	21.0	0.4
25	22.2	21.3	0.9
26	21.7	21.3	0.4
27	21.7	21.9	0.2
28	21.7	22.4	0.7
29	21.9	22.3	0.4
30	21.7	21.4	0.3
31	21.4	21.6	0.2
32	21.4	21.4	0.0
33	21.0	21.9	0.9
34	21.6	21.0	0.6
35	21.5	21.9	0.4
36	21.7	22.4	0.7
37	21.9	21.9	0.0
38	22.2	21.9	0.3
39	21.8	22.6	0.8
40	21.6	22.0	0.4
42	21.1	21.6	0.5
43	21.4	21.8	0.4
44	21.1	21.1	0.0
45	21.4	21.8	0.4
46	21.6	22.4	0.8

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95	P [16.7] Ch. 95
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2	P [3.1] Ch. 95
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95	P [9.1] Ch. 67/95

6 Month Delta: PASS [2.0 dB] Ch. 95

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5), (5)(i), (5)(ii)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 1/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#8 Bartlet Rd Jay

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

6 MONTH TEST

CHANNEL	CURRENT (dBmv)	PREVIOUS (dBmv)	DELTA (dB)
47	21.6	21.4	0.2
49	21.3	22.6	1.3
50	22.3	23.3	1.0
51	21.6	21.8	0.2
52	22.1	22.3	0.2
54	23.2	21.7	1.5
55	22.5	22.4	0.1
56	22.8	23.0	0.2
57	22.5	23.3	0.8
58	23.6	23.0	0.6
59	23.2	23.7	0.5
60	24.2	23.9	0.3
61	23.6	23.2	0.4
62	24.9	24.5	0.4
63	24.7	25.3	0.6
64	25.0	25.1	0.1
65	25.9	25.2	0.7
66	26.0	25.7	0.3
67	25.5	25.8	0.3
68	26.2	25.3	0.9
70	26.0	25.1	0.9
71	25.0	25.1	0.1
72	25.7	24.5	1.2
73	24.3	24.5	0.2
74	24.7	24.5	0.2
75	24.1	24.0	0.1
76	24.3	23.4	0.9
78	24.0	22.7	1.3

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

	CURRENT RECORD	PREVIOUS RECORD
Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95	P [16.7] Ch. 95
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2	P [3.1] Ch. 95
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95	P [9.1] Ch. 67/95

6 Month Delta: PASS [2.0 dB] Ch. 95

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#8 1042 Bartlet Up Jay

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
2	20.6	4.3	16.3
3	18.9	5.4	13.5
4	20.1	5.3	14.8
5	19.8	4.6	15.2
6	20.0	5.5	14.5
95	18.7	4.6	14.1
96	20.1	6.0	14.1
98	19.4	5.7	13.7
99	19.5	5.2	14.3
14	19.6	5.5	14.1
15	19.9	4.9	15.0
16	19.1	5.1	14.0
17	20.3	4.7	15.6
18	19.6	6.1	13.5
20	20.7	6.6	14.1
21	20.7	6.3	14.4
22	20.9	6.9	14.0
7	20.6	6.2	14.4
8	21.5	4.5	17.0
9	21.1	6.9	14.2
10	21.4	7.0	14.4
11	21.2	6.7	14.5
12	21.8	7.3	14.5
13	20.8	6.5	14.3
23	20.7	6.3	14.4
24	21.4	8.1	13.3
25	22.2	7.7	14.5
26	21.7	7.5	14.2
27	21.7	7.9	13.8
28	21.7	7.5	14.2
29	21.9	7.3	14.6
30	21.7	7.6	14.1
31	21.4	7.3	14.1
32	21.4	7.0	14.4
33	21.0	6.8	14.2
34	21.6	7.5	14.1
35	21.5	7.4	14.1
36	21.7	7.1	14.6
37	21.9	7.8	14.1
38	22.2	8.0	14.2
39	21.8	6.9	14.9
40	21.6	7.1	14.5
42	21.1	6.8	14.3
43	21.4	7.0	14.4
44	21.1	7.3	13.8
45	21.4	7.1	14.3
46	21.6	7.3	14.3

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95
Worst Upper V/A Ratio (dB):	P [17.0] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.9] Ch. 61
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95

PASS

Falcon Cable

FCC Signal Level Compliance 76.605(a) - (4), (5)(i), (5)(ii), (6)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#8 1942 Bartlet Up Jay

Technician: Bob Greer
Equipment: 3010R
Calibration Date: 07/2008

VISUAL-AURAL RATIO TEST

CHANNEL	VIDEO (dBmv)	AUDIO (dBmv)	RATIO (dB)
47	21.6	7.3	14.3
49	21.3	7.0	14.3
50	22.3	6.4	15.9
51	21.6	7.7	13.9
52	22.1	7.8	14.3
54	23.2	8.7	14.5
55	22.5	9.3	13.2
56	22.8	8.4	14.4
57	22.5	9.3	13.2
58	23.6	9.4	14.2
59	23.2	9.6	13.6
60	24.2	10.2	14.0
61	23.6	10.7	12.9
62	24.9	10.9	14.0
63	24.7	11.3	13.4
64	25.0	10.9	14.1
65	25.9	11.9	14.0
66	26.0	11.8	14.2
67	25.5	11.7	13.8
68	26.2	11.6	14.6
70	26.0	11.2	14.8
71	25.0	11.2	13.8
72	25.7	10.3	15.4
73	24.3	10.6	13.7
74	24.7	10.2	14.5
75	24.1	10.3	13.8
76	24.3	9.2	15.1
78	24.0	9.2	14.8

WORST CASE MEASUREMENT DATA - WITHIN RATED ACCURACY OF MEASURING DEVICE ± .75 dB

Lowest Visual Carrier (dBmv):	P [18.7] Ch. 95
Worst Upper V/A Ratio (dB):	P [17.0] Ch. 8
Worst Lower V/A Ratio (dB):	P [12.9] Ch. 61
Worst Adj. Carrier Delta (dB):	P [1.7] Ch. 2
Max-Min Carrier Delta (dB):	P [7.5] Ch. 68/95

PASS

Falcon Cable

FCC Compliance 76.605(a) - (3), (7), (8), (9)(i), (9)(ii), (11)

Proof-It 3.0.8 - Ser.# P300A0545

Date: 01/29/2009
Company: Charter Communications Inc. Plattsburgh
Test Location: TP#8 Barlett RD Jay

Technician: Bob Greer

CH.	C/N -dBc	CSO -dBc	CTB -dBc	In-Ch (p-v)	Aural Diff kHz	Hum %
4	49.9	68.0	69.0	.70	+0.000	.7
14	48.2	70.1	59.1	.10	+0.000	.7
8	49.9	63.9	56.6	.20	+0.000	.6
9	47.6	68.2	63.6	1.20	+0.100	.8
36	46.2	67.5	56.8	1.20	+0.000	.6
39	48.9	68.8	57.4	1.30	+0.000	.7
44	47.9	74.8	56.3	2.50	+0.000	.7
49	48.6	66.4	52.5	1.60	+0.000	.6
54	48.7	68.7	53.0	2.30	+0.000	.7
66	46.4	59.9	58.7	.90	+0.000	.6
67	47.5	65.7	55.4	1.20	-0.100	.5
116	47.0	56.1	54.0	.80	+0.000	.5

An asterisk indicates a failed measurement.

MEASUREMENT	MEASUREMENT DEVICE	CAL DATE	SERIAL NO.
CSO/CTB	AGILENT 8591C	07/16/03	4109A04509
Carrier to Noise	TRILITHIC BANDPASS	07/16/03	200102124
Hum Modulation	AGILENT 8591C	07/16/03	4109A04509
Aural Carrier Frequency	AGILENT 8591C	07/16/03	4109A04509
In-Channel Frequency Response	AGILENT 8591C	07/16/03	4109A04509

Worst Case Measurement Data

Carrier to Noise:	(-46.2 dBc)	Pass	Hum Modulation:	(0.8 %)	Pass
Composite Triple Beat:	(-52.5 dBc)	Pass	Aural Frequency Difference:	(0.1 kHz)	Pass
Composite Second Order:	(-56.1 dBc)	Pass	In-Ch Frequency Response:	(2.5 dB p-v)	Pass

PASS

Falcon Cable