

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

1. The exact legal name of applicant is: **Cablevision Systems Westchester Corporation**
2. Applicant does business under the following name or names: **Cablevision**
3. Applicant's mailing address is: **6 Executive Plaza, Yonkers, NY 10701**
4. Applicant's telephone number(s) is (are): **914-378-4533**
5. (a) This application is for the renewal of operating rights in the **Town of Lewisboro**

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

**Town of Pound Ridge
Town of North Salem**

6. 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 exhibit (off-air channels highlighted)

7. Applicant does 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:

The number of hours of locally originated programming carried by the system during the past twelve months is 455 hours.

The nature of the programming includes series produced by Cablevision such as "Meet the Leaders", featuring local officials and administrators of non-profit organizations in a half-hour interview program, and "Neighborhood Journal" which features local communities and events, such as festivals, downtown businesses, not-for profit organizations, and tourist attractions.

Public Access, Government Access and Educational Access, produced by community members, including topics such as health, religion, cooking, sports, talk shows, municipal and school meetings and announcements, fill out the community programming complement of offerings.

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

See attached exhibit

9. 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)? **.51**

In the municipalities specified in Question 5(b)? **1.43**

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

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

(a) Current Statement of Assessment pursuant to Section 217, Chapter 83? ☒ Yes ☐ No

(b) Current Annual Financial Report? ☒ Yes ☐ No

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

12. 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:



Signature

Vice President Government Affairs - NY

6-11-15

Date

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

HIP-RESULT

General Information

Date and Time Results Were Saved:	2015-02-27 12:00:30
Serial Number of Test Set:	TCHB08LD810809
MAC Address of Test Port:	00-18-63-00-CF-11
Software Version:	CX380-Release-3.4.8

Advanced Information

Tech ID	3071
Tech Name	gatis dravnieks
Current Job ID	42d004
Current Account	7803 123456 01
Current Location	8 LOIS LN.
Comments	2015 winter proofs
Locator	None
Type	OSP Referral

Hip Measurement Result

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HIP Setup

Account #	7803 12
Profile	Proofs-Yorktown
Tech ID	3071
Tech Name	gatis dravnieks
Channel Table	YORKTOWN-NY
Video Threshold	YKTWN-TAP
Cable Modem Threshold	YKTWN-TAP
DOCSIS Channel	89
DOCSIS Test	On
Ingress Test	off
VoIP Test	off
2way Splitter	off
Step by Step	On
Speedtest	On
Provider	Cablevision
Speedtest Server	Cablevision Speedtest

HIP Channels Result

Start Time		2015/2/27 11:47:34	
Stop Time		2015/2/27 11:50:51	
Locator		None	

Analog Check Result

Channel	Freq (MHz)	Name	Video (dBmV)	Audio 1 (dBmV)	Audio 2 (dBmV)	V/A1 (dB)	V/A2 (dB)	Adj ch (dB)
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Digital Check Result

Channel	Freq (MHz)	Name	QAM	Level (dBmV)	MER (dB)	Pre-BER	Post-BER	Adj ch (dB)
	57.00	None	QAM256	14.6				N/A
	63.00	None	QAM256	13.8				N/A
	69.00	None	QAM256	13.8	39.0	1.0e-09	1.0e-09	1.5
	79.00	None	QAM256	12.7				N/A
	85.00	None	QAM256	12.3				N/A
	93.00	SDB	QAM256	14.4				N/A
	99.00	SDB	QAM256	14.6				N/A
	105.00	None	QAM256	12.9				N/A
	111.00	None	QAM256	12.2				N/A
	117.00	None	QAM256	16.5				N/A
	123.00	None	QAM256	13.0				N/A
	141.00	None	QAM256	13.4				N/A
	147.00	None	QAM256	13.6				N/A
	153.00	None	QAM256	13.0				N/A
	165.00	None	QAM256	11.8				N/A
	171.00	None	QAM256	11.9				N/A
	177.00	None	QAM256	12.1				N/A
	183.00	None	QAM256	10.8				N/A
	189.00	None	QAM256	11.7				N/A
	195.00	None	QAM256	11.7	37.9	1.0e-09	1.0e-09	1.1
	201.00	None	QAM256	11.1				N/A
	207.00	None	QAM256	11.0				N/A
	213.00	None	QAM256	10.6				N/A
	219.00	None	QAM256	10.1	38.3	1.0e-09	1.0e-09	-1.8
	225.00	DVR	QAM256	10.9				N/A
	231.00	DVR	QAM256	10.9				N/A
	237.00	DVR	QAM256	11.9				N/A
	243.00	DVR	QAM256	12.0				N/A
	249.00	DVR	QAM256	11.2				N/A

Channel	Freq (MHz)	Name	QAM	Level (dBmV)	MER (dB)	Pre-BER	Post-BER	Adj ch (dB)
29	255.00	DVR	QAM256	12.2				N/A
30	261.00	DVR	QAM256	11.5				N/A
31	267.00	DVR	QAM256	12.0				N/A
32	273.00	None	QAM256	11.2				N/A
33	279.00	None	QAM256	10.3				N/A
34	285.00	None	QAM256	10.5				N/A
35	291.00	None	QAM256	10.4				N/A
36	297.00	None	QAM256	10.0				N/A
37	303.00	None	QAM256	10.5				N/A
38	309.00	None	QAM256	10.6				N/A
39	315.00	None	QAM256	9.8				N/A
40	321.00	None	QAM256	11.3				N/A
41	327.00	None	QAM256	11.7				N/A
42	333.00	None	QAM256	10.1				N/A
43	339.00	None	QAM256	11.2				N/A
44	351.00	None	QAM256	10.1				N/A
45	357.00	None	QAM256	11.5	38.9	1.0e-09	1.0e-09	0.6
46	363.00	None	QAM256	10.2				N/A
47	369.00	None	QAM256	9.4				N/A
48	375.00	None	QAM256	9.7				N/A
49	381.00	None	QAM256	9.1				N/A
50	387.00	None	QAM256	9.3				N/A
51	393.00	None	QAM256	8.9				N/A
52	399.00	None	QAM256	9.2				N/A
53	405.00	None	QAM256	9.3				N/A
54	411.00	None	QAM256	9.3				N/A
55	417.00	None	QAM256	10.3	38.0	1.0e-09	1.0e-09	0.7
56	423.00	None	QAM256	9.0				N/A
57	429.00	None	QAM256	9.2				N/A
58	435.00	None	QAM256	9.1				N/A
59	447.00	None	QAM256	7.3				N/A
60	459.00	None	QAM256	9.7				N/A
61	465.00	None	QAM256	10.4				N/A
62	471.00	None	QAM256	11.0	38.4	1.0e-09	1.0e-09	0.6
63	477.00	None	QAM256	9.1				N/A
64	483.00	None	QAM256	8.8				N/A
65	489.00	None	QAM256	8.8				N/A
66	495.00	None	QAM256	8.6				N/A
67	507.00	None	QAM256	8.7				N/A
68	513.00	None	QAM256	9.8				N/A
69	519.00	None	QAM256	10.4	37.4	1.0e-09	1.0e-09	0.5
70	525.00	None	QAM256	10.2				N/A

Channel	Freq (MHz)	Name	QAM	Level (dBmV)	MER (dB)	Pre-BER	Post-BER	Adj ch (dB)
55	531.00	None	QAM256	10.2				N/A
56	537.00	VOD	QAM256	8.6				N/A
57	543.00	SDB	QAM256	13.2				N/A
58	549.00	SDB	QAM256	13.6				N/A
59	555.00	None	QAM256	10.2				N/A
60	567.00	None	QAM256	9.1				N/A
61	573.00	None	QAM256	9.9				N/A
62	579.00	None	QAM256	9.9	37.8	1.0e-09	1.0e-09	-0.8
63	585.00	None	QAM256	8.7				N/A
64	591.00	None	QAM256	9.4				N/A
65	597.00	BEFS	QAM256	10.2				N/A
66	603.00	HSD	QAM256	10.1				N/A
67	609.00	BOST	QAM256	11.6				N/A
68	615.00	ULTR	QAM256	11.6				N/A
69	621.00	ULTR	QAM256	10.4				N/A
70	627.00	ULTR	QAM256	12.3				N/A
71	633.00	ULTR	QAM256	12.6				N/A
72	639.00	ULTR	QAM256	12.4				N/A
73	645.00	ULTR	QAM256	13.3	38.6	1.0e-09	1.0e-09	-0.5
74	651.00	None	QAM256	13.2				N/A
75	657.00	None	QAM256	13.1				N/A
76	663.00	None	QAM256	13.8	38.5	1.0e-09	1.0e-09	2.7
77	669.00	VOD	QAM256	9.6				N/A
78	675.00	None	QAM256	13.3				N/A
79	681.00	None	QAM256	13.1				N/A
80	687.00	None	QAM256	13.6				N/A
81	693.00	None	QAM256	12.9				N/A
82	699.00	None	QAM256	13.6	38.3	1.0e-09	1.0e-09	-0.1
83	717.00	None	QAM256	13.5				N/A
84	723.00	SDB	QAM256	14.2				N/A
85	729.00	SDB	QAM256	12.5				N/A
86	735.00	VOD	QAM256	12.2				N/A
87	741.00	VOD	QAM256	11.9				N/A
88	747.00	VOD	QAM256	11.1				N/A
89	759.00	None	QAM256	12.6				N/A
90	765.00	None	QAM256	12.1				N/A
91	771.00	None	QAM256	11.8				N/A

HIP DOCSIS Result

Start Time	2015/2/27 11:50:52
Stop Time	2015/2/27 11:54:45
Locator	None

Cable Modem Setup

Channel Mode	Manual
Channel Freq	615.00 MHz
Annex	DualBand
Mac Mode	Default
Mac Address	00-1c-7b-e4-80-51
DOCSIS Mode	DOCSIS 3.0

Channel Num	89
SW Version	87.555mp10.010
HW Version	87.555mp10.010
FW Model	CX-D3

Cable Modem Results

	609.000 MHz (1)	603.000 MHz (2)	615.000 MHz (3)	621.000 MHz (4)	627.000 MHz (5)	633.000 MHz (6)	639.000 MHz (7)	645.000 MHz (8)
Downstream(Ch)								
Downstream Lock	PASS (1)	PASS (2)	PASS (3)	PASS (4)	PASS (5)	PASS (6)	PASS (7)	PASS (8)
Downstream Level	12.9 dBmV (1)	12.1 dBmV (2)	13.0 dBmV (3)	12.8 dBmV (4)	13.4 dBmV (5)	14.0 dBmV (6)	13.7 dBmV (7)	13.9 dBmV (8)
Upstream (ID)	28.400 MHz (86)	35.000 MHz (85)	22.000 MHz (87)					
Upstream Ranging	36.5 dBmV	36.5 dBmV	35.5 dBmV					

DHCP	PASS
ToD	PASS
Configuration File	^1/340A6F6A/
Registration	PASS
BPI Status	Enabled/PASS
Mode/Bonding	3.0/8x3
Status	Test Completed
Connection	Online

DOCSIS Mode	

Cable Modem IP

CM IP	10.70.25.64
CM Subnet	255.255.240.0
DHCP Server	167.206.211.31
Router IP	10.70.16.1
TFTP IP	167.206.211.32
ToD IP	167.206.211.31
Config File	"^1/340A6F6A/"
Client IP	24.190.115.222
Gateway	24.190.112.1
Subnet	255.255.240.0
DNS	167.206.10.178

Link Down Stream

Downstream(Ch)	609.00	603.00	615.00	621.00	627.00	633.00	639.00	645.00
Symbol Rate	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps
Modulation	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM
Level	12.9 dBmV	12.1 dBmV	13.0 dBmV	12.8 dBmV	13.4 dBmV	14.0 dBmV	13.7 dBmV	13.9 dBmV
SNR(dB)	39.9	39.8	40.2	40.6	40.2	40.7	40.5	40.8
Pre-BER	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00
Pre-ES	0	0	0	0	0	0	0	0
Post-BER	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00
Post-ES	0	0	0	0	0	0	0	0

Link Up Stream

Upstream UCD	86	85	87
Frequency	28.400 MHz	35.000 MHz	22.000 MHz
Modulation	QAM64	QAM64	QAM64
Level	36.5 dBmV	36.5 dBmV	35.5 dBmV
Symbol Rate	5.120 MSps	5.120 MSps	5.120 MSps

HIP Speedtest Result

Start Time	2015/2/27 11:58:51
Stop Time	2015/2/27 11:59:10
Status	Stopping
Connection Time	10 ms
Total Data Transfer Time	3902 ms

PING Test

Ping Response	PASS	11.800 ms

Throughput

	Download	Upload
Current	90.538 Mbps	34.877 Mbps
Min	82.424 Mbps	34.877 Mbps
Max	90.538 Mbps	34.877 Mbps
Average	86.724 Mbps	34.877 Mbps

Video Threshold

Analog Channels

Test	Min	Max

Digital Channels

Test	Min	Max
Level(dBmV)	7.00	25.00
Q256 MER	35.00	
Q256Pre-BER		1e-07
Q256Pos-BER		1e-09

Cable Modem Threshold

Cable Modem

Test	Min	Max
Up Ranging Level(dBmV)	28.00	43.00

VoIP Threshold

VOIP

Test	Min	Max

HIP-RESULT

General Information

Date and Time Results Were Saved:	2015-02-25 15:37:39
Serial Number of Test Set:	TCHB08LD810809
MAC Address of Test Port:	00-18-63-00-CF-11
Software Version:	CX380-Release-3.4.8

Advanced Information

Tech ID	3071
Tech Name	gatis dravnieks
Current Job ID	42d035
Current Account	7803 123456 01
Current Location	BROOK FARM RD E. (P.R)
Comments	2015 winter proofs
Locator	None
Type	OSP Referral

Hip Measurement Result

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HIP Setup

Account #	7803 12
Profile	Proofs-Yorktown
Tech ID	3071
Tech Name	gatis dravnieks
Channel Table	YORKTOWN-NY
Video Threshold	YKTWN-TAP
Cable Modem Threshold	YKTWN-TAP
DOCSIS Channel	89
DOCSIS Test	On
Ingress Test	off
VoIP Test	off
2way Splitter	off
Step by Step	On
Speedtest	On
Provider	Cablevision
Speedtest Server	Cablevision Speedtest

HIP Channels Result

Start Time	2015/2/25 15:28:35
Stop Time	2015/2/25 15:34:00
Locator	None

Analog Check Result

Channel	Freq (MHz)	Name	Video (dBmV)	Audio 1 (dBmV)	Audio 2 (dBmV)	V/A1 (dB)	V/A2 (dB)	Adj ch (dB)
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Digital Check Result

Channel	Freq (MHz)	Name	QAM	Level (dBmV)	MER (dB)	Pre-BER	Post-BER	Adj ch (dB)
	57.00	None	QAM256	14.3				N/A
	63.00	None	QAM256	11.2				N/A
	69.00	None	QAM256	8.7	37.4	1.0e-09	1.0e-09	-0.2
	79.00	None	QAM256	9.3				N/A
	85.00	None	QAM256	8.3				N/A
	93.00	SDB	QAM256	8.1				N/A
	99.00	SDB	QAM256	7.8				N/A
	105.00	None	QAM256	8.2				N/A
	111.00	None	QAM256	8.6				N/A
	117.00	None	QAM256	9.1				N/A
	123.00	None	QAM256	9.5				N/A
	141.00	None	QAM256	9.4				N/A
	147.00	None	QAM256	9.5				N/A
	153.00	None	QAM256	10.3				N/A
	165.00	None	QAM256	9.2				N/A
	171.00	None	QAM256	9.5				N/A
	177.00	None	QAM256	10.5				N/A
	183.00	None	QAM256	10.4				N/A
	189.00	None	QAM256	11.2				N/A
	195.00	None	QAM256	9.1	37.8	1.0e-09	1.0e-09	-0.5
	201.00	None	QAM256	13.0				N/A
	207.00	None	QAM256	12.9				N/A
	213.00	None	QAM256	12.7				N/A
	219.00	None	QAM256	8.4	37.0	1.0e-09	1.0e-09	0.9
	225.00	DVR	QAM256	14.6				N/A
	231.00	DVR	QAM256	14.4				N/A
	237.00	DVR	QAM256	15.1				N/A
	243.00	DVR	QAM256	15.7				N/A
	249.00	DVR	QAM256	15.1				N/A

Channel	Freq (MHz)	Name	QAM	Level (dBmV)	MER (dB)	Pre-BER	Post-BER	Adj ch (dB)
	255.00	DVR	QAM256	14.1				N/A
	261.00	DVR	QAM256	15.2				N/A
	267.00	DVR	QAM256	14.7				N/A
	273.00	None	QAM256	14.3				N/A
	279.00	None	QAM256	14.6				N/A
	285.00	None	QAM256	14.6				N/A
	291.00	None	QAM256	14.5				N/A
	297.00	None	QAM256	15.0				N/A
	303.00	None	QAM256	14.6				N/A
	309.00	None	QAM256	14.2				N/A
	315.00	None	QAM256	14.3				N/A
	321.00	None	QAM256	14.8				N/A
	327.00	None	QAM256	15.1				N/A
	333.00	None	QAM256	15.1				N/A
	339.00	None	QAM256	14.6				N/A
	351.00	None	QAM256	15.3				N/A
	357.00	None	QAM256	9.1	38.1	1.0e-09	1.0e-09	0.7
	363.00	None	QAM256	14.4				N/A
	369.00	None	QAM256	14.4				N/A
	375.00	None	QAM256	14.1				N/A
	381.00	None	QAM256	14.2				N/A
	387.00	None	QAM256	14.1				N/A
	393.00	None	QAM256	14.9				N/A
	399.00	None	QAM256	15.0				N/A
	405.00	None	QAM256	15.3				N/A
	411.00	None	QAM256	15.4				N/A
	417.00	None	QAM256	9.7	37.1	1.0e-09	1.0e-09	0.8
	423.00	None	QAM256	14.2				N/A
	429.00	None	QAM256	15.5				N/A
	435.00	None	QAM256	15.8				N/A
	447.00	None	QAM256	15.7				N/A
	459.00	None	QAM256	16.4				N/A
	465.00	None	QAM256	15.3				N/A
	471.00	None	QAM256	9.3	37.1	1.0e-09	1.0e-09	-0.9
	477.00	None	QAM256	16.3				N/A
	483.00	None	QAM256	16.1				N/A
	489.00	None	QAM256	15.2				N/A
	495.00	None	QAM256	16.0				N/A
	507.00	None	QAM256	15.1				N/A
	513.00	None	QAM256	15.9				N/A
	519.00	None	QAM256	9.7	37.0	4.7e-08	1.0e-09	-4.2
	525.00	None	QAM256	19.3				N/A

Channel	Freq (MHz)	Name	QAM	Level (dBmV)	MER (dB)	Pre-BER	Post-BER	Adj ch (dB)
73	531.00	None	QAM256	20.1				N/A
75	537.00	VOD	QAM256	18.4				N/A
77	543.00	SDB	QAM256	19.8				N/A
79	549.00	SDB	QAM256	16.7				N/A
81	555.00	None	QAM256	17.5				N/A
83	567.00	None	QAM256	17.7				N/A
85	573.00	None	QAM256	17.6				N/A
87	579.00	None	QAM256	12.3	37.2	1.0e-09	1.0e-09	-6.5
89	585.00	None	QAM256	18.6				N/A
91	591.00	None	QAM256	17.6				N/A
93	597.00	BEFS	QAM256	18.0				N/A
95	603.00	HSD	QAM256	20.1				N/A
97	609.00	BOST	QAM256	19.9				N/A
99	615.00	ULTR	QAM256	18.5				N/A
101	621.00	ULTR	QAM256	19.0				N/A
103	627.00	ULTR	QAM256	19.7				N/A
105	633.00	ULTR	QAM256	18.9				N/A
107	639.00	ULTR	QAM256	19.1				N/A
109	645.00	ULTR	QAM256	21.3	38.2	1.0e-09	1.0e-09	1.0
111	651.00	None	QAM256	19.4				N/A
113	657.00	None	QAM256	18.4				N/A
115	663.00	None	QAM256	16.9	38.3	1.0e-09	1.0e-09	0.6
117	669.00	VOD	QAM256	18.4				N/A
119	675.00	None	QAM256	17.6				N/A
121	681.00	None	QAM256	17.1				N/A
123	687.00	None	QAM256	17.3				N/A
125	693.00	None	QAM256	16.4				N/A
127	699.00	None	QAM256	14.5	37.5	1.0e-09	1.0e-09	-0.5
129	717.00	None	QAM256	15.8				N/A
131	723.00	SDB	QAM256	14.1				N/A
133	729.00	SDB	QAM256	15.1				N/A
135	735.00	VOD	QAM256	15.1				N/A
137	741.00	VOD	QAM256	13.4				N/A
139	747.00	VOD	QAM256	13.3				N/A
141	759.00	None	QAM256	12.2				N/A
143	765.00	None	QAM256	11.6				N/A
145	771.00	None	QAM256	10.5				N/A

HIP DOCSIS Result

Start Time	2015/2/25 15:34:04
Stop Time	2015/2/25 15:35:34
Locator	None

Cable Modem Setup

Channel Mode	Manual
Channel Freq	615.00 MHz
Annex	DualBand
Mac Mode	Default
Mac Address	00-1c-7b-e4-80-51
DOCSIS Mode	DOCSIS 3.0

Channel Num	89
SW Version	87.555mp10.010
HW Version	87.555mp10.010
FW Model	CX-D3

Cable Modem Results

	609.000 MHz (1)	603.000 MHz (2)	615.000 MHz (3)	621.000 MHz (4)	627.000 MHz (5)	633.000 MHz (6)	639.000 MHz (7)	645.000 MHz (8)
Downstream(Ch)	PASS (1)	PASS (2)	PASS (3)	PASS (4)	PASS (5)	PASS (6)	PASS (7)	PASS (8)
Downstream Lock	26.8 dBmV (1)	26.9 dBmV (2)	26.8 dBmV (3)	26.8 dBmV (4)	26.9 dBmV (5)	27.1 dBmV (6)	27.8 dBmV (7)	27.5 dBmV (8)
Upstream (ID)	35.000 MHz (26)	28.400 MHz (27)	22.000 MHz (28)					
Upstream Ranging	32.5 dBmV	31.5 dBmV	29.5 dBmV					

DHCP	PASS
ToD	PASS
Configuration File	'^1/7025868A/'
Registration	PASS
BPI Status	Enabled/PASS
Mode/Bonding	3.0/8x3
Status	Test Completed
Connection	Online

DOCSIS Mode	

Cable Modem IP

CM IP	10.91.39.2
CM Subnet	255.255.240.0
DHCP Server	167.206.211.31
Router IP	10.91.32.1
TFTP IP	167.206.211.32
ToD IP	167.206.211.31
Config File	'^1/7025868A/
Client IP	69.127.210.64
Gateway	69.127.208.1
Subnet	255.255.240.0
DNS	167.206.10.178

Link Down Stream

Downstream(Ch)	609.00	603.00	615.00	621.00	627.00	633.00	639.00	645.00
Symbol Rate	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps	5.361 MSps
Modulation	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM	256 QAM
Level	26.8 dBmV	26.9 dBmV	26.8 dBmV	26.8 dBmV	26.9 dBmV	27.1 dBmV	27.8 dBmV	27.5 dBmV
SNR(dB)	39.4	39.4	39.3	39.4	39.3	39.5	39.8	39.6
Pre-BER	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00
Pre-ES	0	0	0	0	0	0	0	0
Post-BER	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00	0.0e+00
Post-ES	0	0	0	0	0	0	0	0

Link Up Stream

Upstream UCD	26	27	28
Frequency	35.000 MHz	28.400 MHz	22.000 MHz
Modulation	QAM64	QAM64	QAM64
Level	32.5 dBmV	31.5 dBmV	29.5 dBmV
Symbol Rate	5.120 MSps	5.120 MSps	5.120 MSps

HIP Speedtest Result

Start Time	2015/2/25 15:36:09
Stop Time	2015/2/25 15:36:28
Status	Stopping
Connection Time	12 ms
Total Data Transfer Time	3867 ms

PING Test

Ping Response	PASS	11.400 ms
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Throughput

	Download	Upload
Current	90.536 Mbps	36.405 Mbps
Min	81.330 Mbps	36.405 Mbps
Max	90.536 Mbps	36.405 Mbps
Average	86.333 Mbps	36.405 Mbps

Video Threshold

Analog Channels

Test	Min	Max
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Digital Channels

Test	Min	Max
Level(dBmV)	7.00	25.00
Q256 MER	35.00	
Q256Pre-BER		1e-07
Q256Pos-BER		1e-09

Cable Modem Threshold

Cable Modem

Test	Min	Max
Up Ranging Level(dBmV)	28.00	43.00

VoIP Threshold

VOIP

Test	Min	Max