

FCC COMPLIANCE REPORTS

CHARTER COMMUNICATIONS

Route 66

CHATHAM, NY 12037

CHATHAM SYSTEMS

Number of Subscribers.....5054
Miles of Plant.....474.26
System Bandwith.....450.000MHz
Report Date.....February 26, 2009
Test Date.....February 13, 2009 – February 19, 2009

Signal Quality Measurements

Signal Stability Tests

Principle Headend: Chatham

Test Dates: February 13, 2009

Reviewed by: Daniel Carrasquillo

Date Reviewed: February 18, 2009

PSID NUMBER: 014169

GRADING SCALE:

1 - Pass

2 - Soft failure, does not affect picture quality $\leq 5\text{dB}$ 3 - Hard failure, impairs picture quality $> 5\text{dB}$

NR - Not Received

* - (POST SCRIPT) SEE BELOW

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

REMARKS: Test point 3 rebalanced modulator to clear soft fail, Test point 8 c/n failed on channel 96
Replaced modulator for this channel on 2-18-09

Chatham NY System Test Points

- Test Pont # 1 Cherry Plains Sq. Berlin Pole 563
- Test Pont # 2 State Line Rd. West Stockbridge Pole 73
- Test Pont # 3 Michaels Rd. Hinsdale Pole 44/22
- Test Pont # 4 600 State Rd. Lanesboro Pole 21/1
- Test Pont # 5 County Route 9 & Kelly Rd intersection New Lebanon Pole 4213/16
- Test Pont # 6 648 Route 203 Austerlitz
- Test Pont # 7 Route 22 By Roe jan auto Copake pole 4/43
- Test Pont # 8 RT-9H Ghent pole L1356/32 by commerce park enterance

TECHNICAL STANDARDS INFORMATION SHEET

	PSID #	Location	Method of Connection (AML/Fiber)	Customer Count
Principle Headend	007064	Chatham	Fiber	5054
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
Connected Headend/Hub				
			TOTAL	5054

System Carriers

X Standard

HRC ☐

System Bandwidth (Operating)

450 MHz

System Bandwidth (Capable)

450 MHzConverter Type: Baseband

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Headend: Chatham PSID Number: 014169

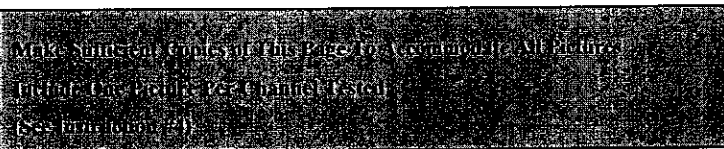
Technician: Dan Carrasquillo

Headend Location : Route 66, Chatham NY

Date: 02/19/09 Time 12:10 P.M.

[illegible][illegible]

Signal Quality Measurements - PART 1 (Form 3)

Headend: Chatham	
PSID Number: 014169	
Technician: Dan Carrasquillo	

Headend Frequency Response (6 MHz)PLACE PICTURE
HERE

Channel: 11

Measured Response: 0.90
Date/Time: 02/19/09 12:34

PLACE PICTURE
HERE

Channel: 22

Measured Response: 0.85
Date/Time: 02/19/09 12:21

PLACE PICTURE
HERE

Channel: 23

Measured Response: 0.95
Date/Time: 02/19/09 12:22

Signal Quality Measurements - PART 1 (Form 3)

Headend: Chatham	
PSID Number: 014169	
Technician: Dan Carrasquillo	

Headend Frequency Response (6 MHz)

PLACE PICTURE

HERE

Channel: 40
Measured Response: 0.65
Date/Time: 02/19/09 12:23

PLACE PICTURE

HERE

Channel: 42
Measured Response: 1.25
Date/Time: 02/19/09 12:24

PLACE PICTURE

HERE

Channel: 51
Measured Response: 1.15
Date/Time: 02/19/09 12:25

Signal Quality Measurements - PART 1 (Form 3)

Headend: Chatham	Make a duplicate copy of this page to accompany all pictures.
PSID Number: 014169	Indicate the hours for channel tested.
Technician: Dan Carrasquillo	See the meter (20)

Headend Frequency Response (6 MHz)

PLACE PICTURE

HERE

Channel: 60
Scale: 20dB/100
Measured Response: 1.00
Date/Time: 02/19/09 12:26

PLACE PICTURE

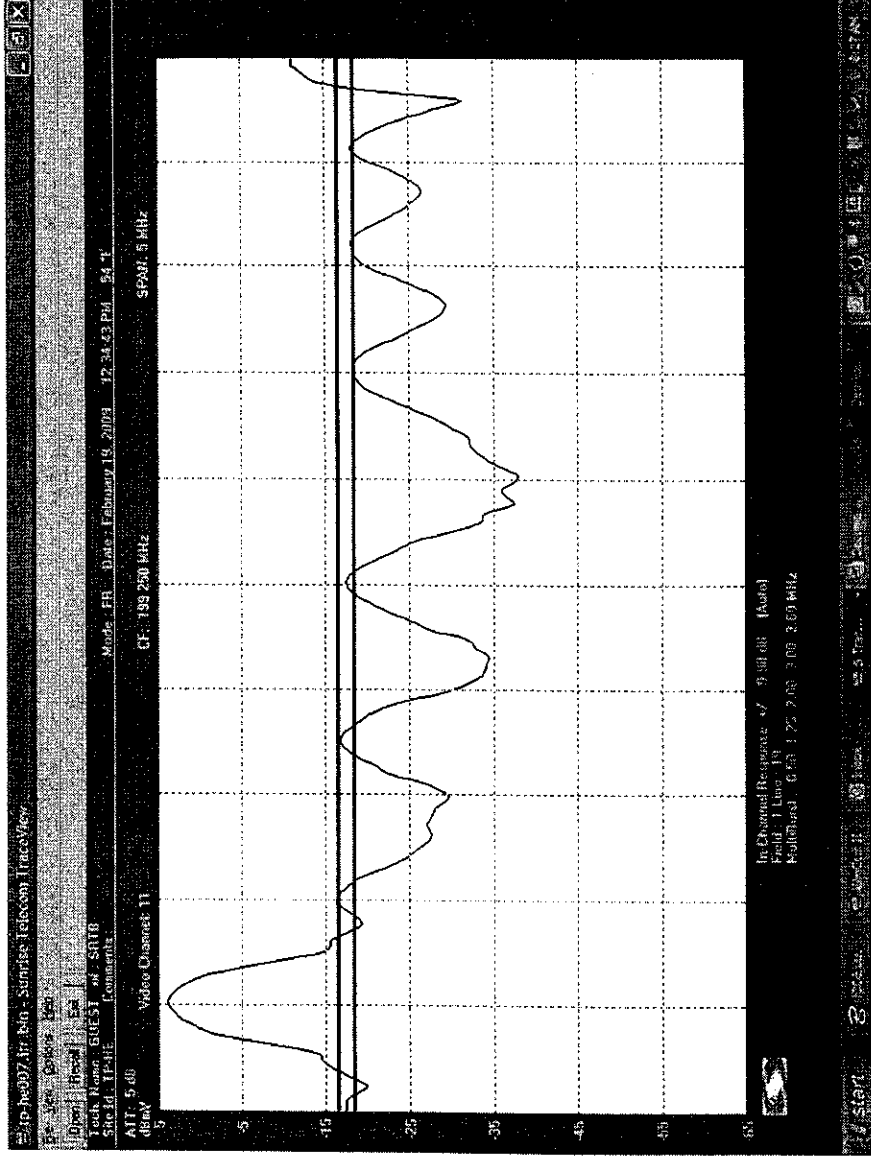
HERE

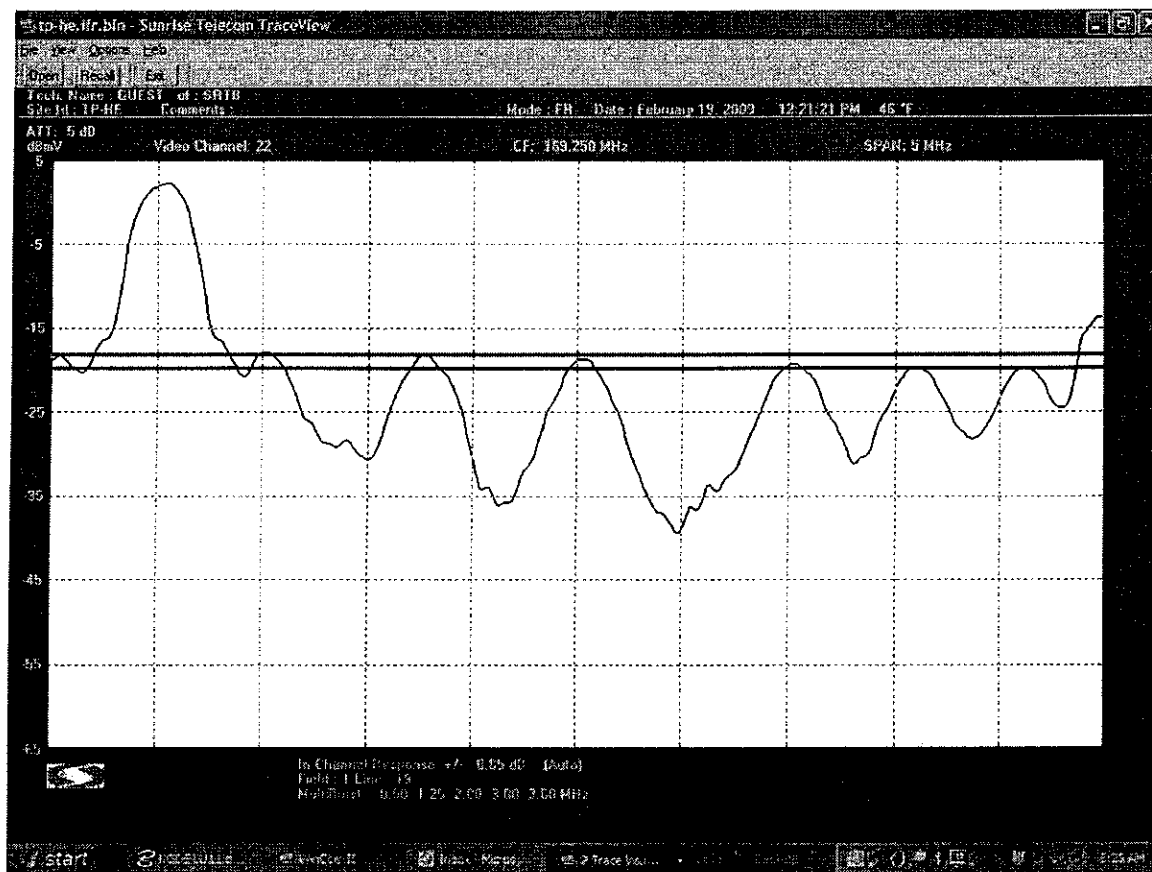
Channel: 96
Scale: 20dB/100
Measured Response: 1.30
Date/Time: 02/19/09 12:32

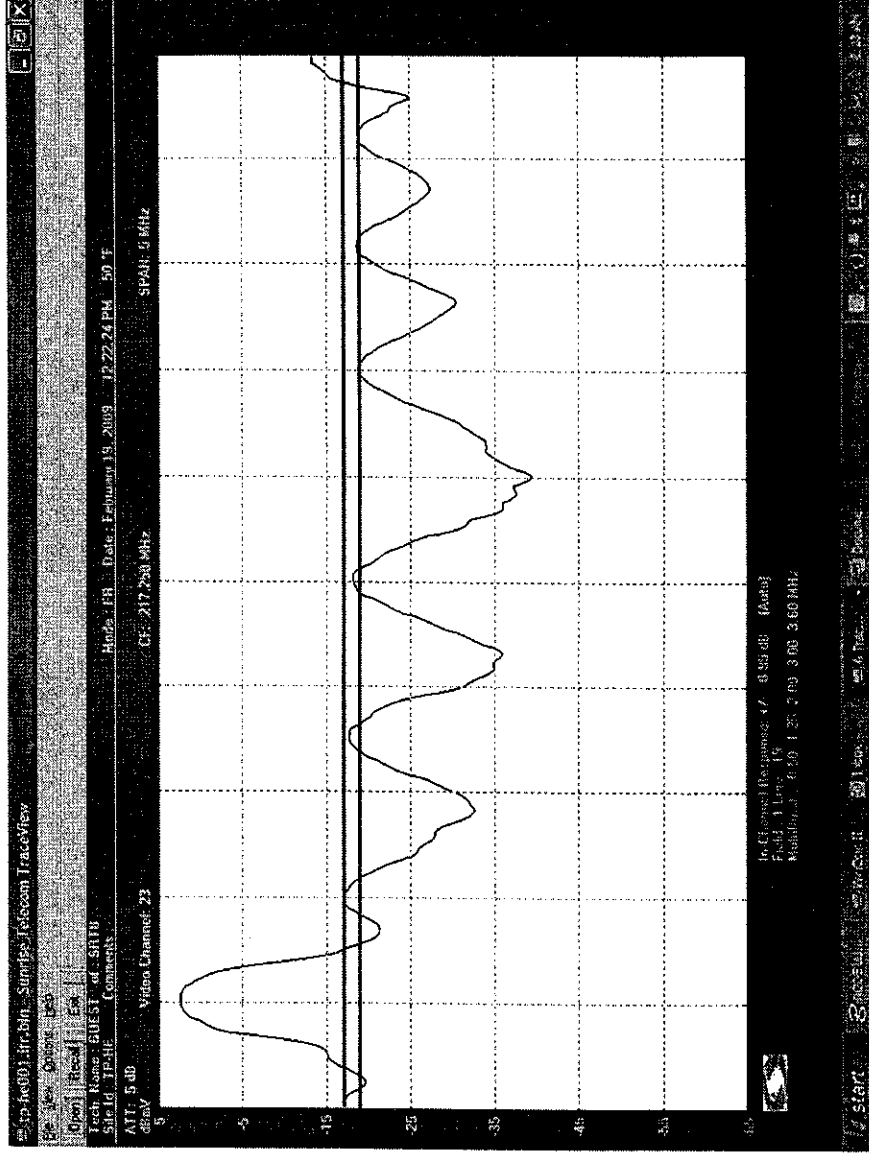
PLACE PICTURE

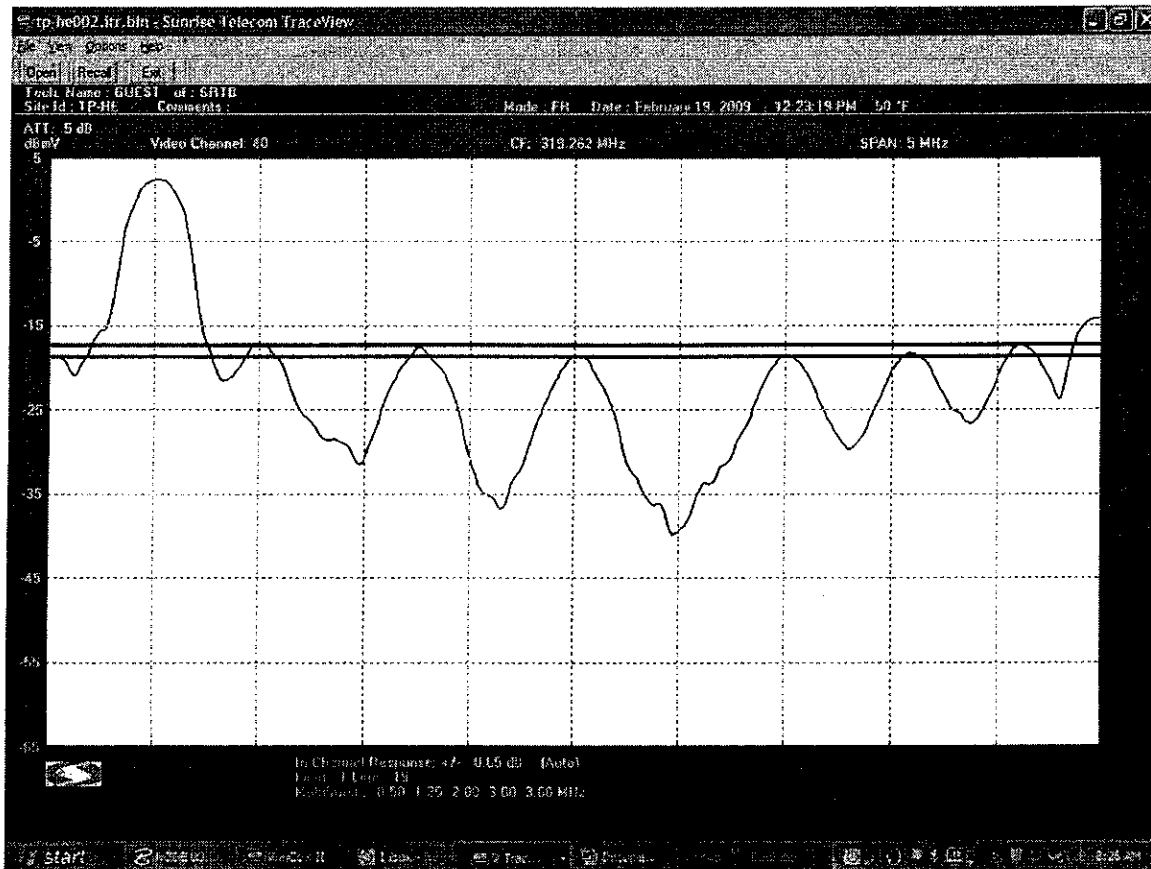
HERE

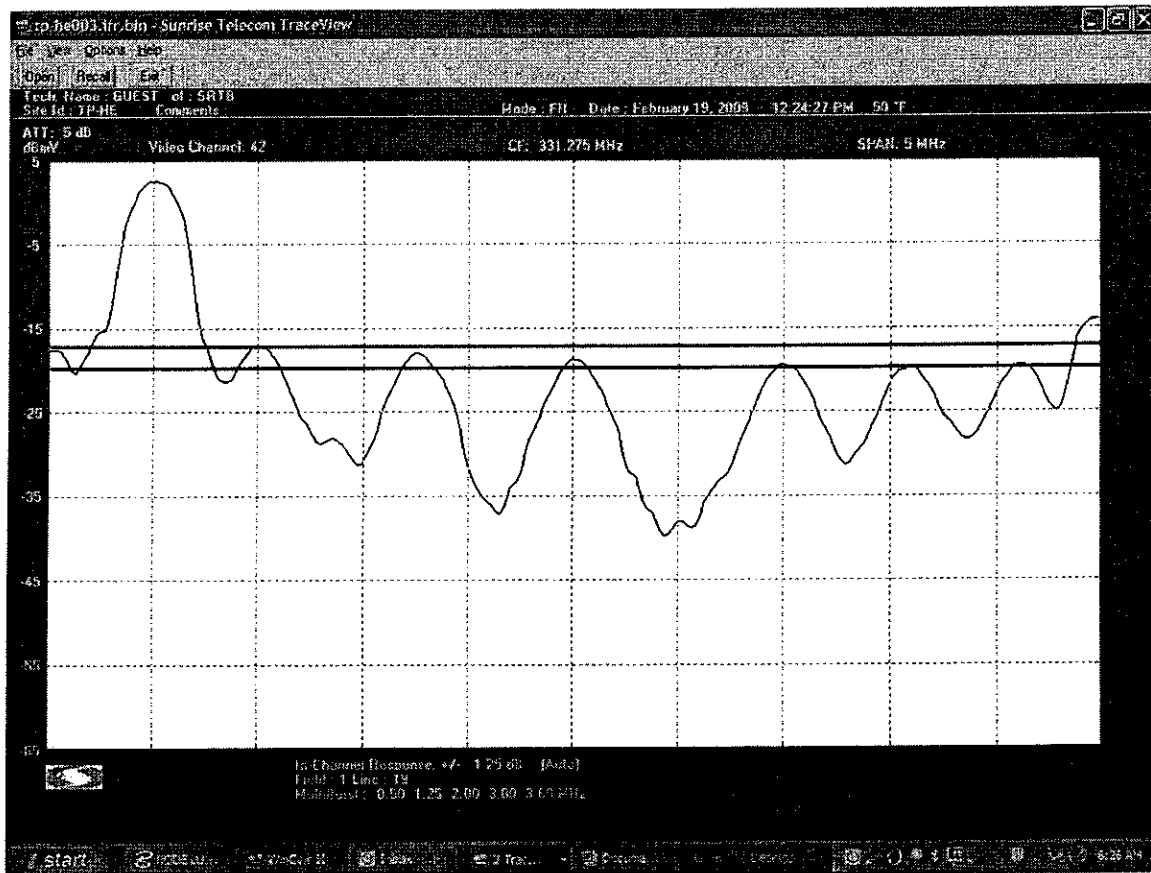
Channel:
Scale: 20dB/100
Measured Response:
Date/Time:

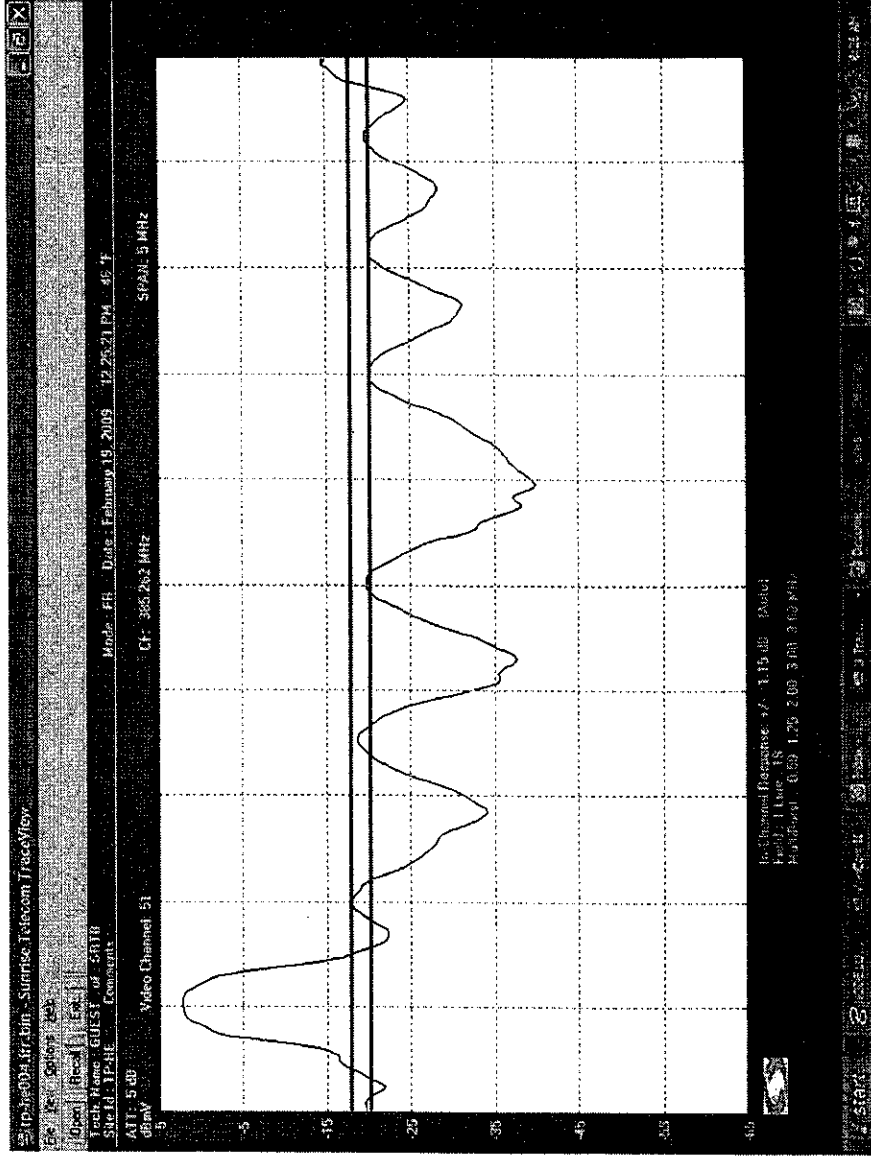


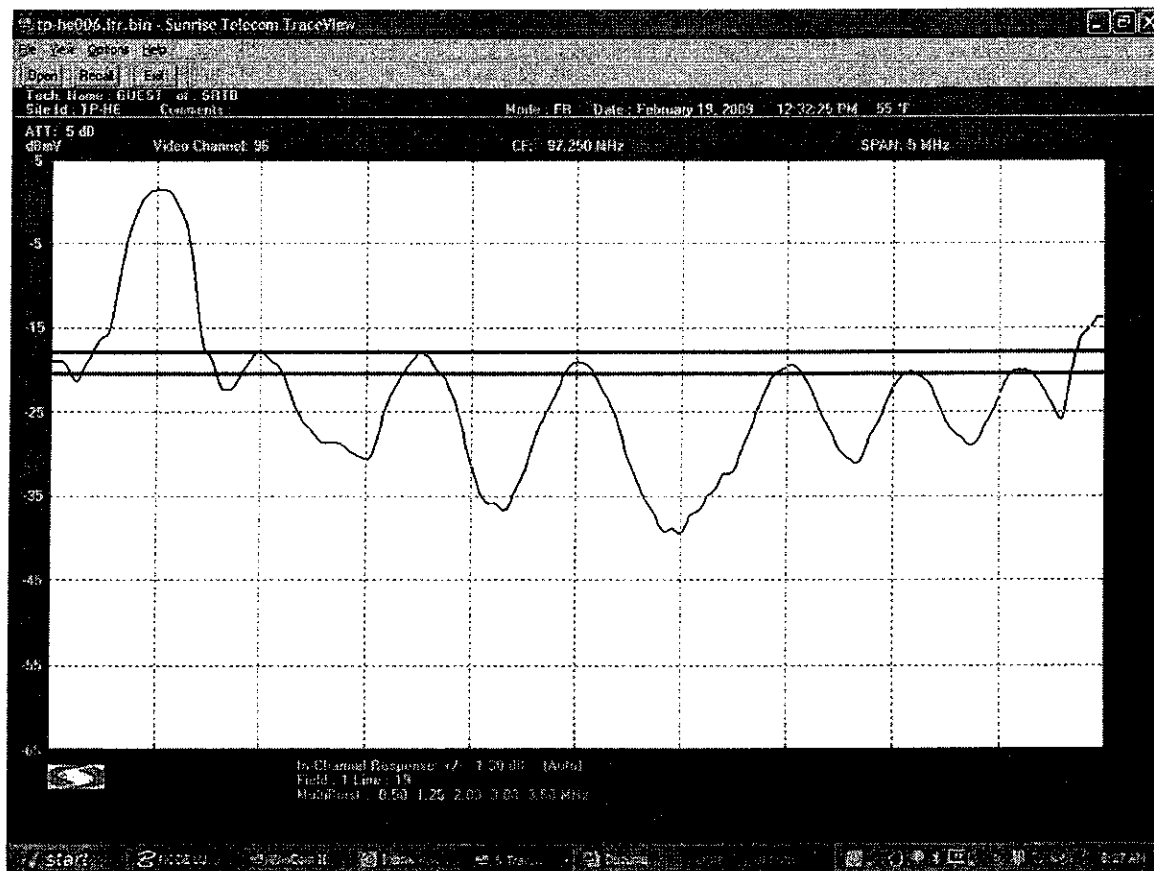












**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2b)

HEADEND: Chatham PSID #: 014169 TECHNICIAN: Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Route 66 Chatham Weather Cloudy

Test Point #: Headend Date: 2/19/09 Time: 12:10 PM

Clear

Rain

Temperature 15f_____[illegible][illegible][illegible]

Record the visual/audio signal quality separation for each channel measured at the headend and each test point that does not meet the 10-17 dB separation FCC specification. Note: For baseband converters the visual/audio separation is: 6.5 -17 dB

Test Equipment: Signal Quality Measurements**Headend:** Chatham **PSID Number:** 014169

Make/Model	Serial Number	Calibration Date
Avontron AT2500RQv	4438-0902	April 19, 2007
Avontron AT2500RQv	6836-0406	April 19, 2007
Trilithic Super Plus+ 133.2625Mhz	152259	April 19, 2007

PERSONNEL QUALIFICATIONS STATEMENT

Name: Eric Tracy

Title: System Technician II

Qualifications: Eric is an active SCTE member and N.C.T.I. graduate of the following course: Installer. Eric's responsibilities involve all aspects of system operations and any associated tests. He has 5+ years in the cable industry from installer to his current position.

Name: Dan Carrasquillo

Title: System Technican Senior

Qualifications: Dan is an active SCTE member and N.C.T.I. graduate of the following courses: Installer, Installer Technician, Servicing Coax Distribution Networks and Coax Network Maintenance and Operations. Dan's responsibilities involve all aspects of system operations and any associated tests. He has 8+ years in the cable industry from installer to his current position.

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham PSID #: 014169 Technician : Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Cherry Plain Berlin Weather Clear Rain
Cloudy Snow
 Test Point #: TP01 Date: 2-13-09 Time: 5:10 AM Temperature 15 f

[illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Place sufficient copies of this page to accommodate all entries. Includes the Private 22c Channel Test. (See instructions at)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-01
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 11
Scale: 0.1dB/div
Measured Response: 0.65
Date/Time: 02/13/09 09:37

PLACE PICTURE
HERE

Channel: 22
Scale: 0.1dB/div
Measured Response: 1.00
Date/Time: 02/18/09 09:47

PLACE PICTURE
HERE

Channel: 23
Scale: 0.1dB/div
Measured Response: 0.70
Date/Time: 02/18/09 09:48

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sufficient Copies of This Page to Accommodate All Pictures Include One Picture for Each Test See Instruction #4
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-01
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 40
Scale: 20dB/0dB
Measured Response: 1.45
Date/Time: 02/18/09 09:49

PLACE PICTURE
HERE

Channel: 42
Scale: 20dB/0dB
Measured Response: 1.45
Date/Time: 02/18/09 09:50

PLACE PICTURE
HERE

Channel: 51
Scale: 20dB/0dB
Measured Response: 1.75
Date/Time: 02/18/09 09:50

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure (one) Copies of This Page, by All, immediately, All Parties Include One Prints Per Channel Measured (See Instructions)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-01
Test Point Frequency Response (6 MHz)

PLACE PICTURE
 HERE

Channel: 60
Scale: dB/Hz
Measured Response: 0.95
Date/Time: 02/18/09 09:51

PLACE PICTURE
 HERE

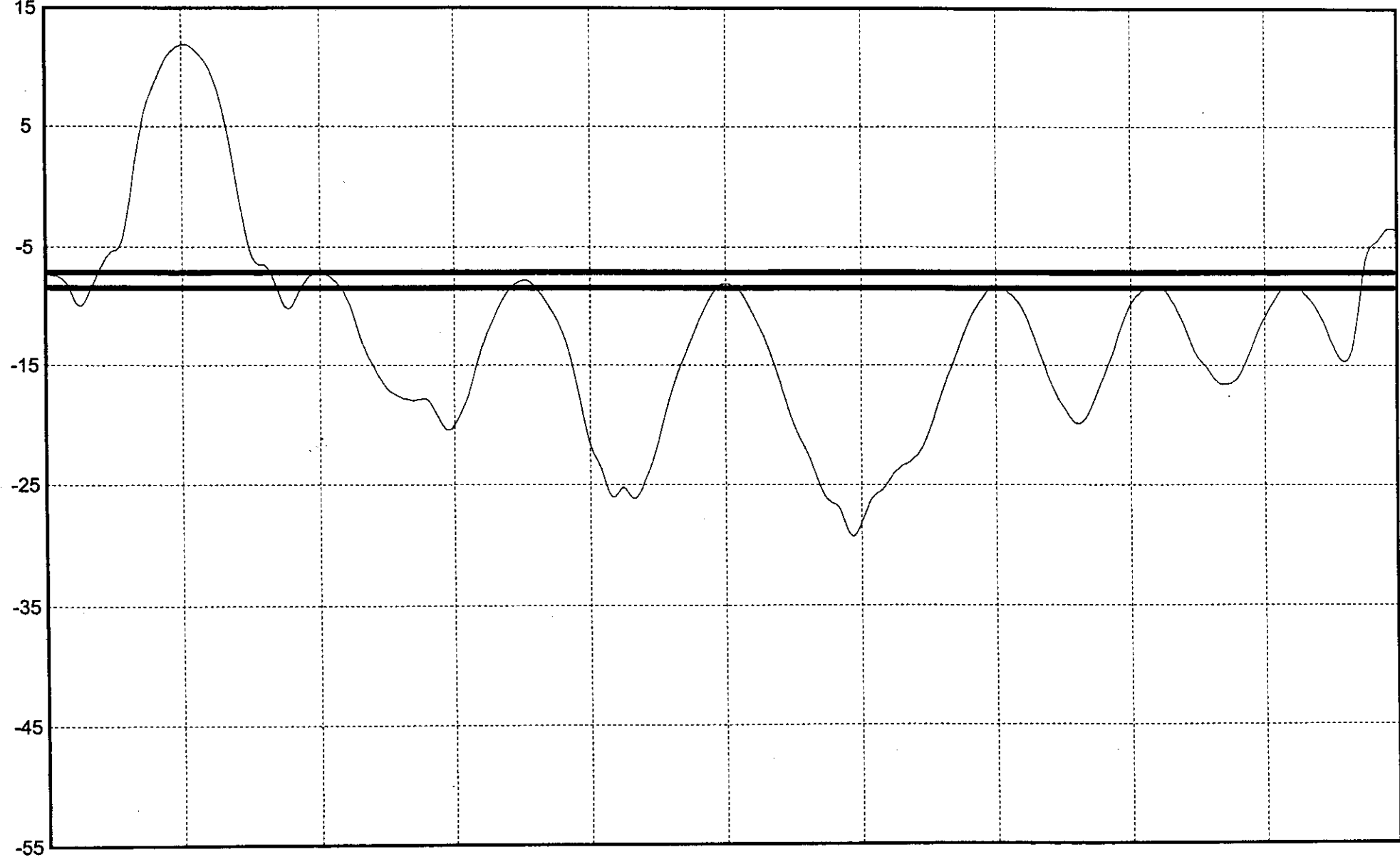
Channel: 96
Scale: dB/Hz
Measured Response: 1.30
Date/Time: 02/13/09 10:06

PLACE PICTURE
 HERE

Channel:
Scale: dB/Hz
Measured Response:
Date/Time:

Tech. Name : TEST of : SRTB
Site Id : TP01 Comments : Mode : FR
Date : February 13, 2009 Time : 09:23:47 AM Temp 59 F

ATT: 15 dB
dBmV Video Channel: 11 CF: 199.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 0.65 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] of : SRTB

Site Id : TP01 Comments :

Mode : FR

Date : February 18, 2009

Time : 09:47:42 AM

Temp 59 F

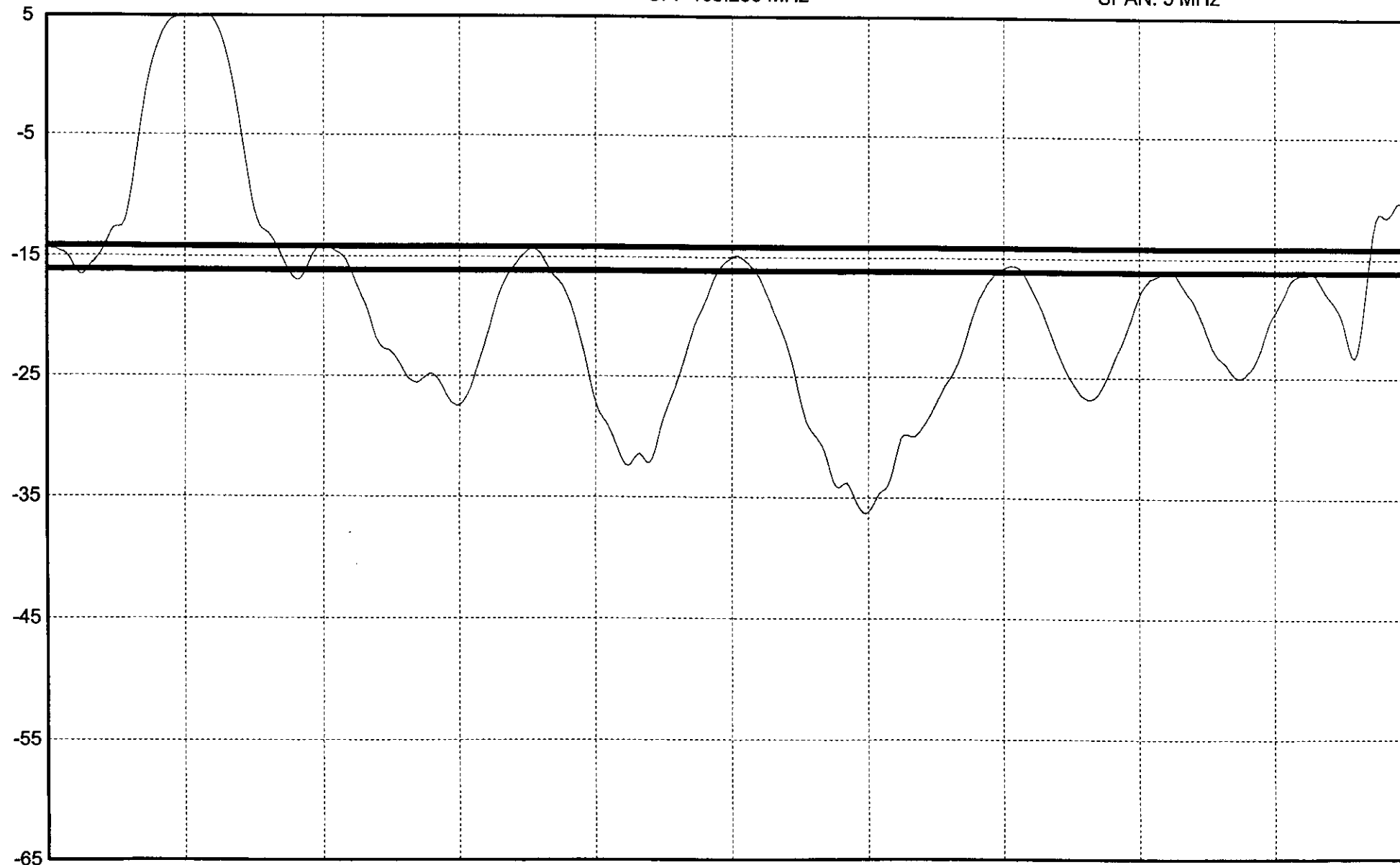
ATT: 5 dB

dBmV

Video Channel: 22

CF: 169.250 MHz

SPAN: 5 MHz



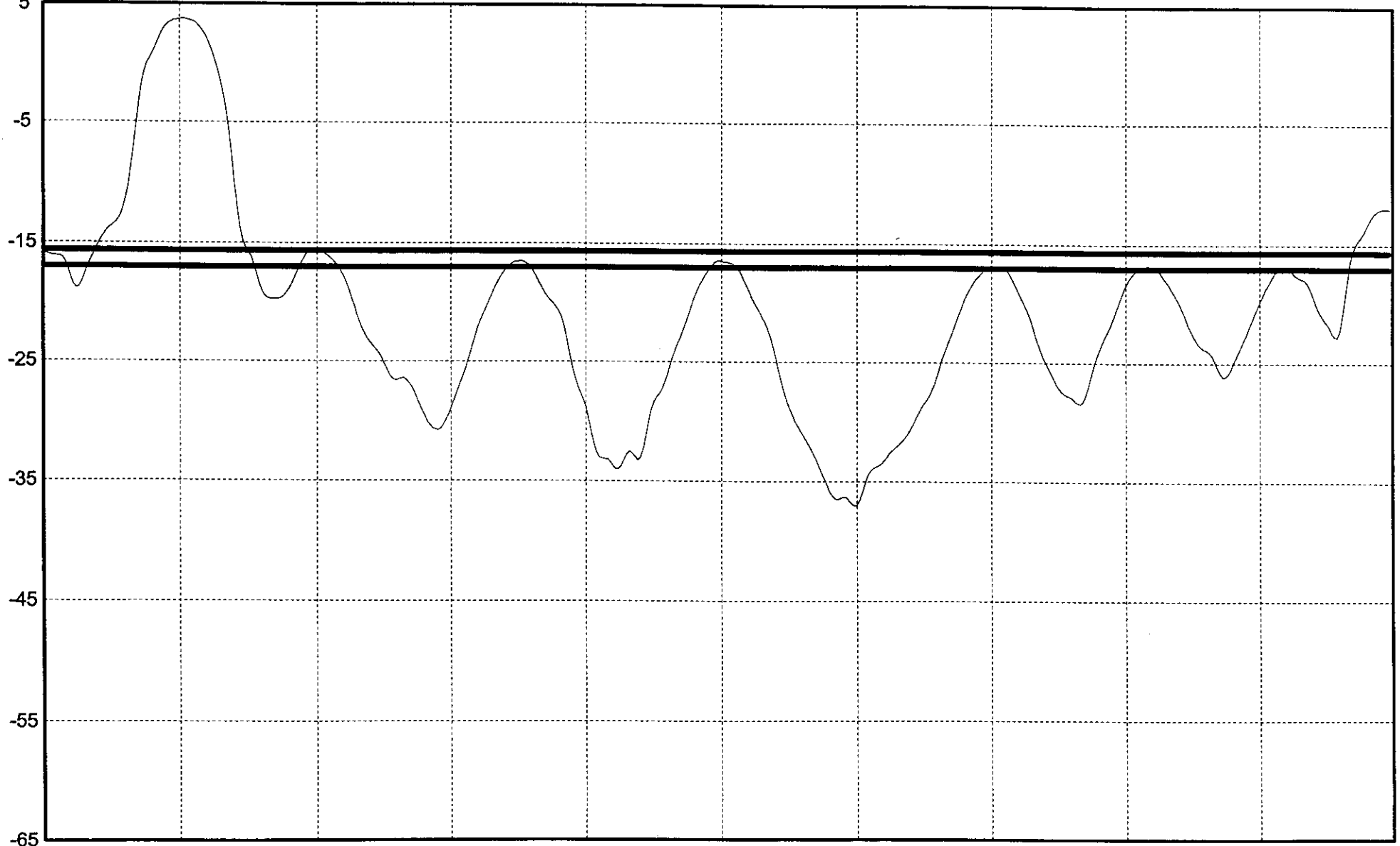
In-Channel Response: +/- 1.00 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : ST of : SRTB
Site Id : TP01 Comments :
Date : February 18, 2009 Time : 09:48:31 AM Mode : FR Temp 59 F

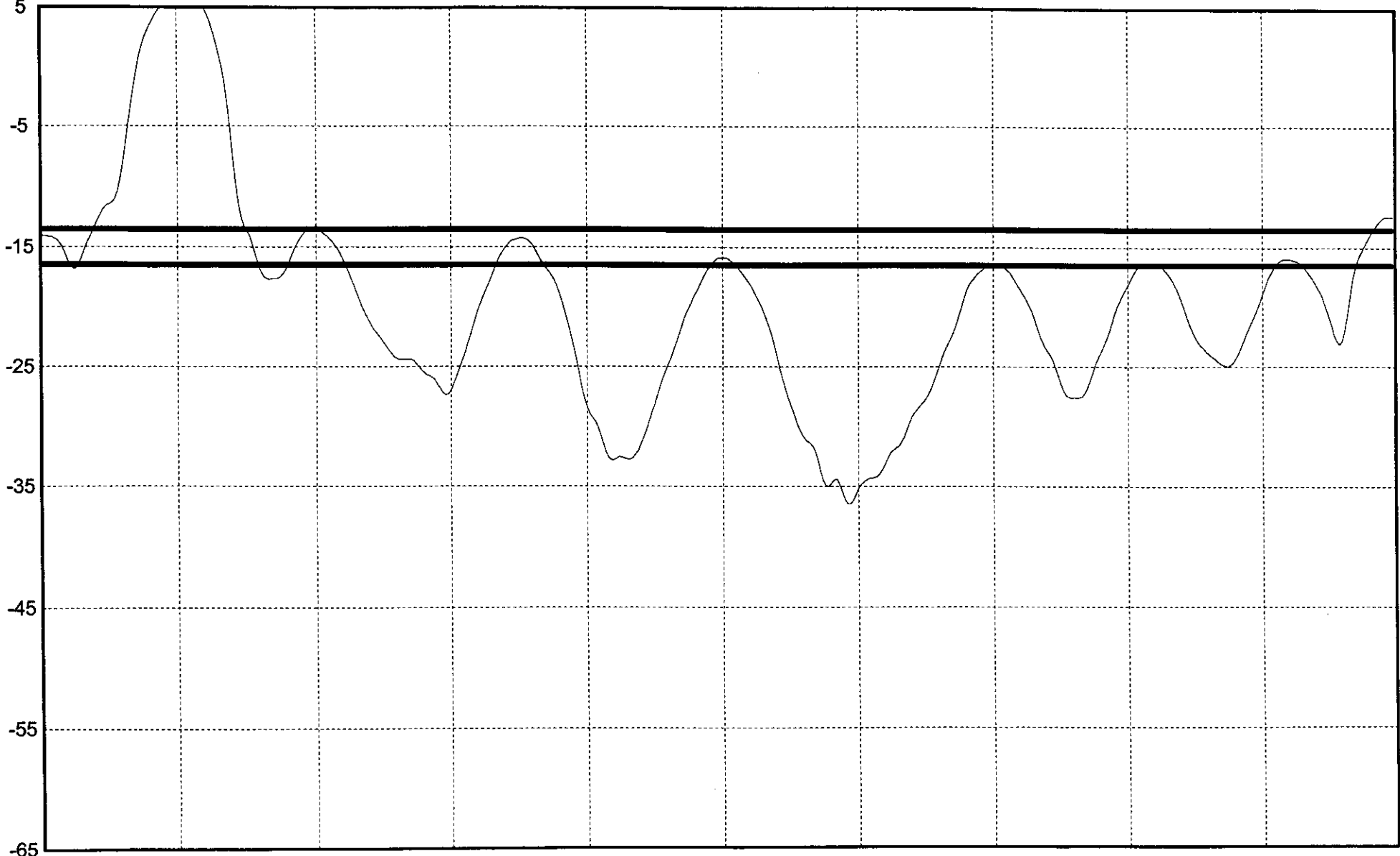
ATT: 5 dB Video Channel: 23 CF: 217.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 0.70 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : ST of : SRTB
Site Id : TP01 Comments : Mode : FR
Date : February 18, 2009 Time : 09:49:20 AM Temp 59 F

ATT: 5 dB Video Channel: 40 CF: 319.262 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.45 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : ST of : SRTB

Site Id : TP01 Comments :

Mode : FR

Date : February 18, 2009

Time : 09:50:07 AM

Temp 59 F

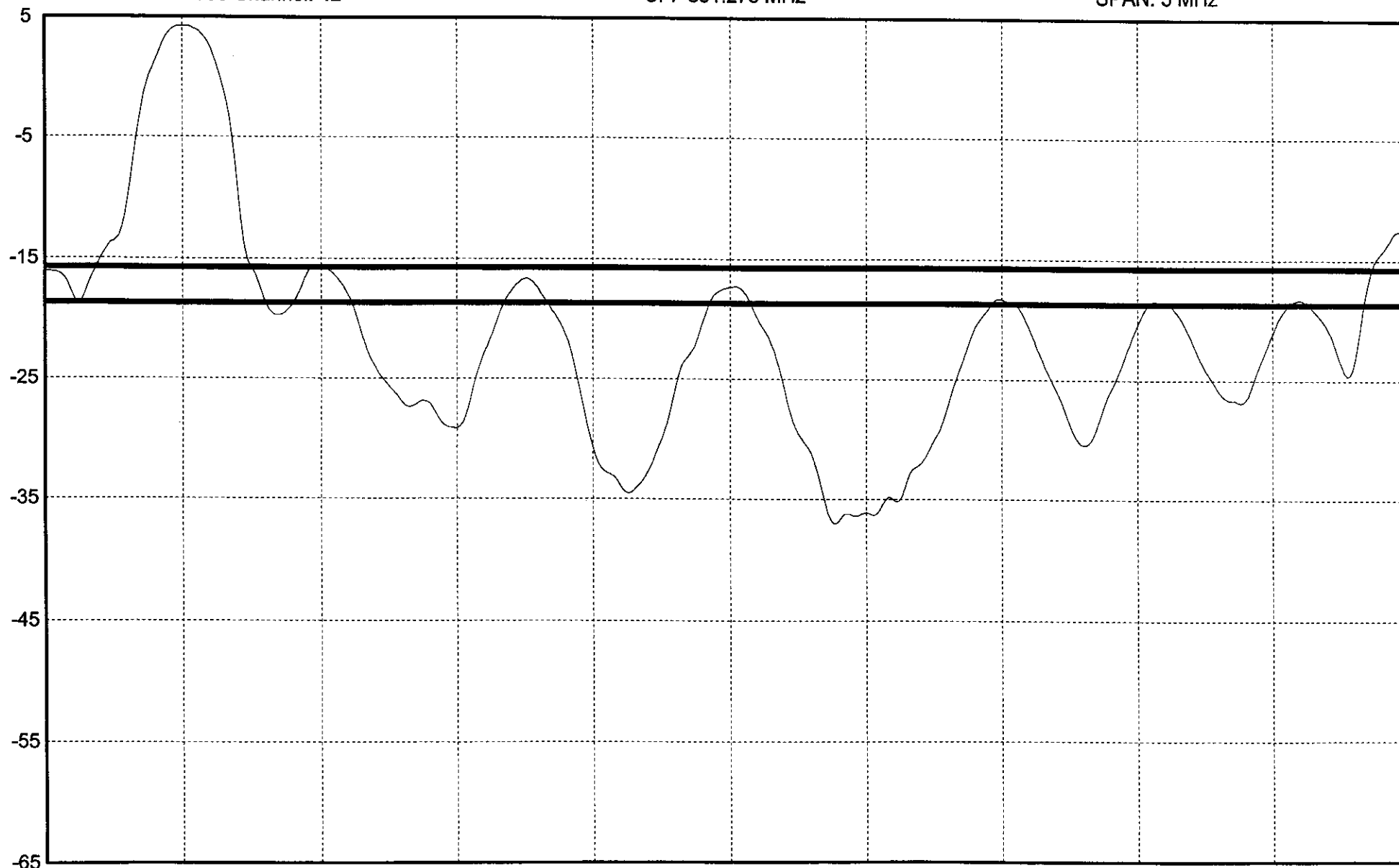
ATT: 5 dB

dBmV

Video Channel: 42

CF: 331.275 MHz

SPAN: 5 MHz



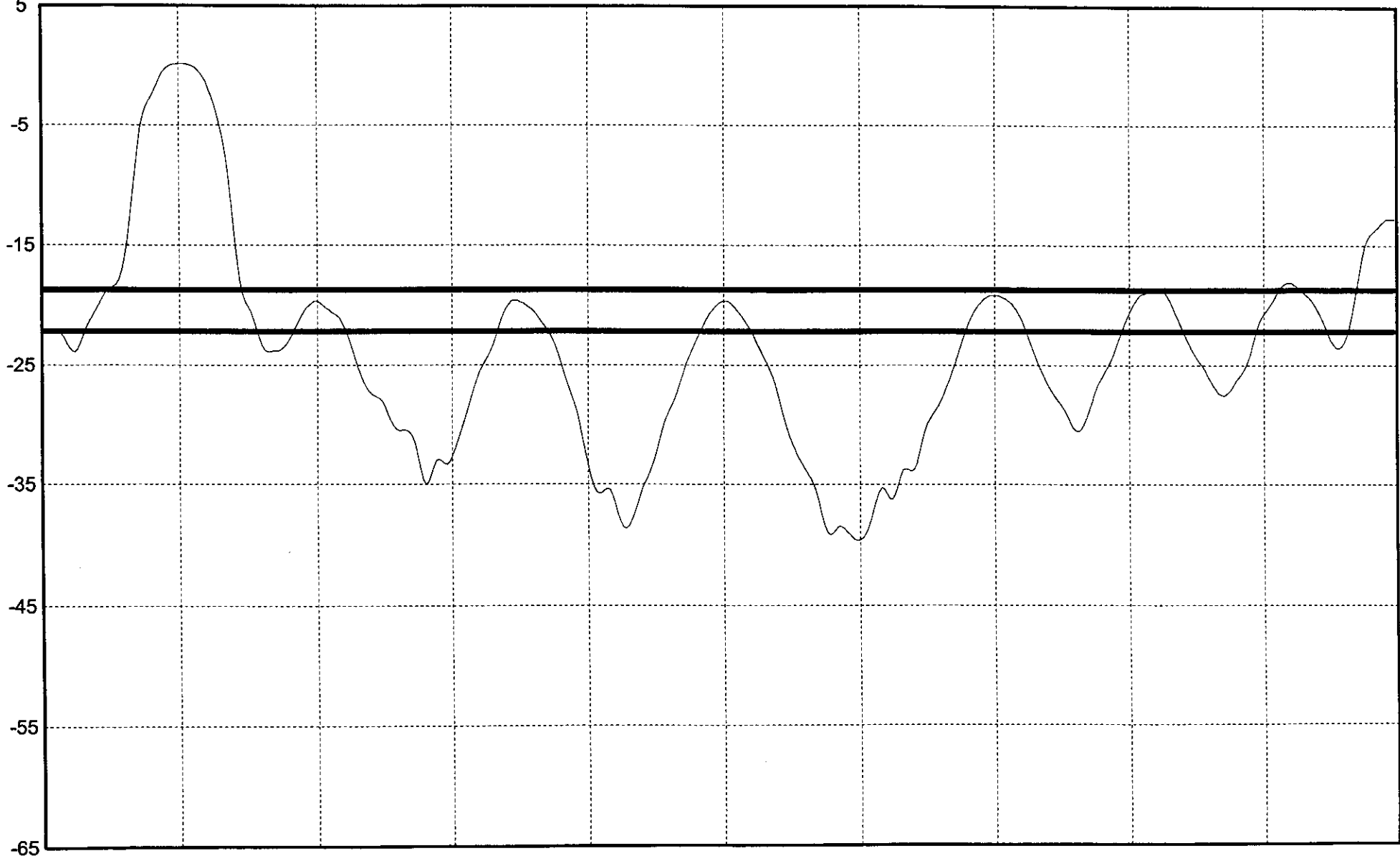
In-Channel Response: +/- 1.45 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : TEST of : SRTB
Site Id : TP01 Comments : Mode : FR
Date : February 18, 2009 Time : 09:50:46 AM Temp 59 F

ATT: 5 dB Video Channel: 51 CF: 385.262 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.75 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : TEST of : SRTB

Site Id : TP01 Comments :

Date : February 18, 2009

Time : 09:51:45 AM

Mode : FR

Temp 55 F

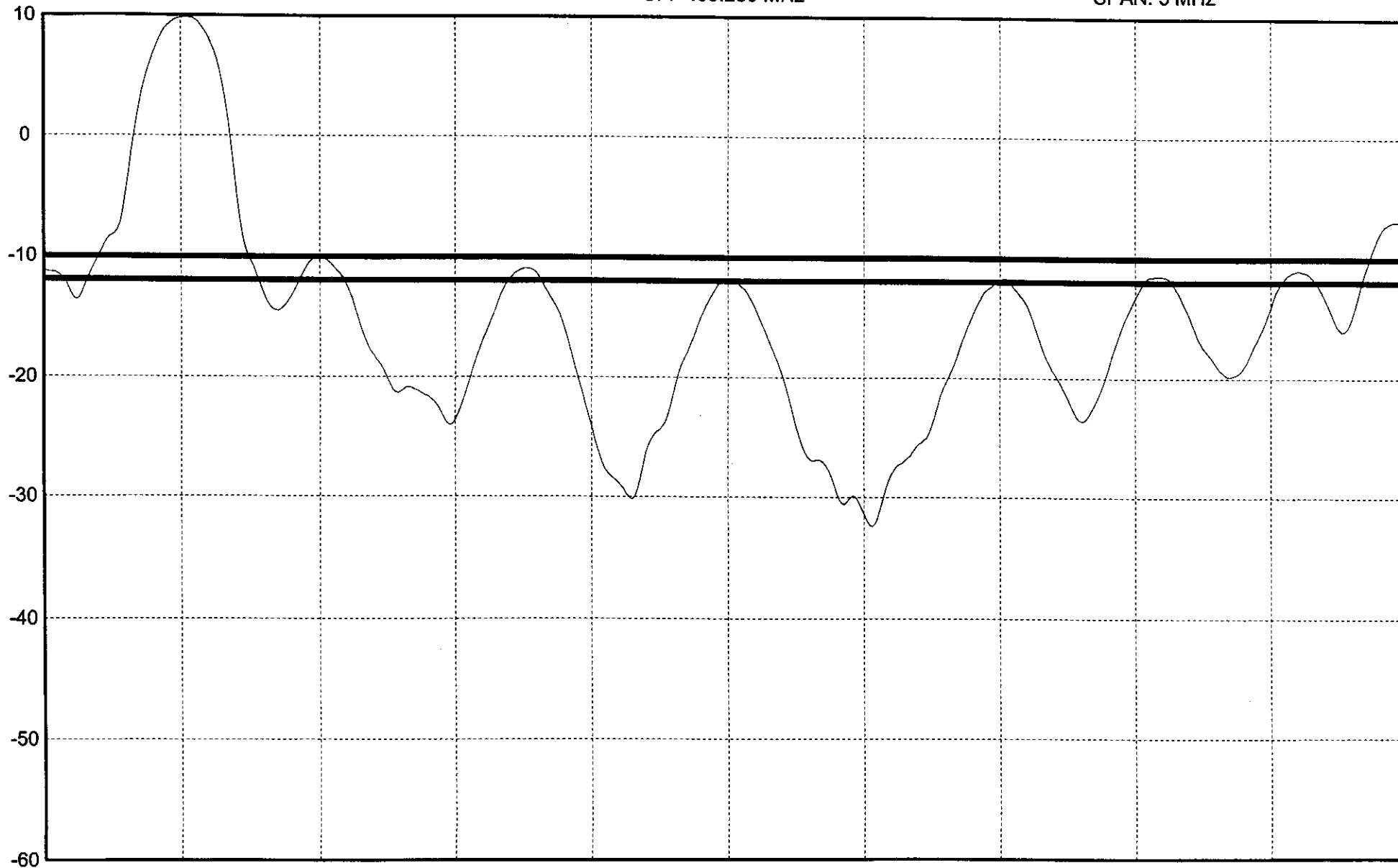
ATT: 10 dB

dBmV

Video Channel: 60

CF: 439.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.95 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] of : SRTB

Site Id : TP01 Comments :

Date : February 13, 2009

Time : 10:06:57 AM

Mode : FR
Temp 59 F

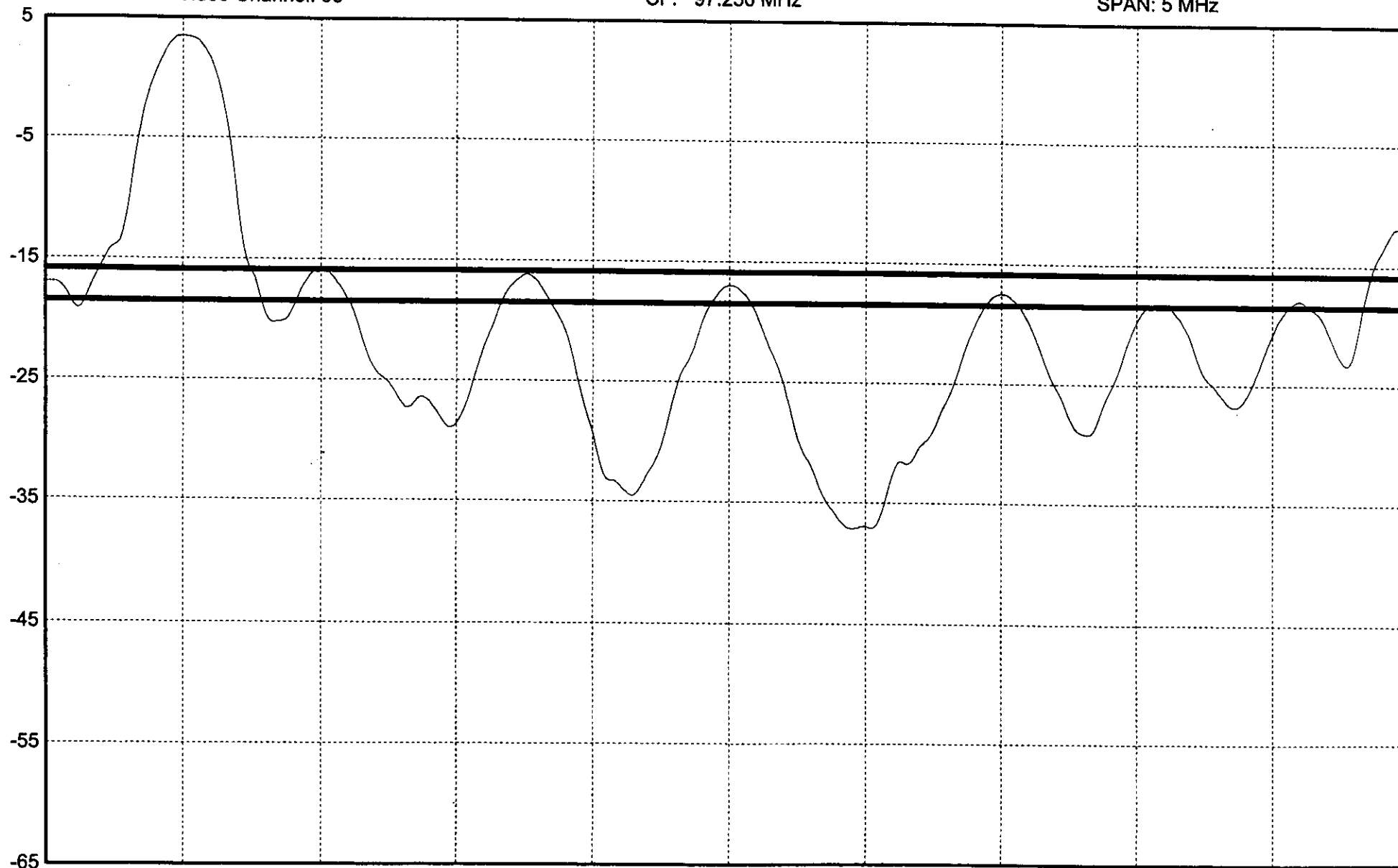
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.30 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP01-1
 Comments
 Date 13-Feb-09
 Time 5:10:14 AM
 Temperature 15 f
 Location Cherry plains Rd
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2A

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5	12.8	7.8	PASS

Video Freq		Audio Freq		Video Amp		Audio Amp		Type	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
MHz	MHz	MHz	MHz	dBmV	dBmV	dBmV	dBmV					
55.25	4.5	2	2 55.25037	59.75017	9.7	-4.3 TV			PASS			
61.25	4.5	3	3 61.25036	65.75029	11.1	-5.6 TV			PASS	PASS	PASS	PASS
67.25	4.5	4	4 67.24993	71.75006	9	-2.2 TV			PASS	PASS	PASS	PASS
77.25	4.5	5	5 77.25057	81.75048	12.4	-4.2 TV			PASS	PASS	PASS	PASS
83.25	4.5	6	6 83.24986	87.74979	12	-3.5 TV			PASS	PASS	PASS	PASS
175.25	4.5	7	7 175.2505	179.75069	9.6	-4.3 TV			PASS	PASS	PASS	PASS
181.25	4.5	8	8 181.2497	185.74958	10.6	-5.6 TV			PASS	PASS	PASS	PASS
187.25	4.5	9	9 187.2499	191.74976	9.5	-1.6 TV			PASS	PASS	PASS	PASS
193.25	4.5	10	10 193.2505	197.7505	9.6	-6.7 TV			PASS	PASS	PASS	PASS
199.25	4.5	11	11 199.2504	203.75028	8.8	-7.9 TV			PASS	PASS	PASS	PASS
205.25	4.5	12	12 205.2505	209.75066	6	-11 TV			PASS	PASS	PASS	PASS
211.25	4.5	13	13 211.2507	215.75074	5.6	-9.5 TV			PASS	PASS	PASS	PASS
133.262	4.5	14	16 133.2629	137.7629	8	-5.8 TV			PASS	PASS	PASS	PASS
151.25	4.5	15	19 151.3206	155.82048	10.2	-1.4 TV			PASS	PASS	PASS	PASS
157.25	4.5	16	20 157.2503	161.75023	10.8	-5.8 TV			PASS	PASS	PASS	PASS
163.25	4.5	17	21 163.2486	167.74851	10.5	-5.5 TV			PASS	PASS	PASS	PASS
169.25	4.5	18	22 169.2635	173.76337	10.6	-5.4 TV			PASS	PASS	PASS	PASS
217.25	4.5	19	23 217.2515	221.75159	8	-7.4 TV			PASS	PASS	PASS	PASS
223.25	4.5	20	24 223.2498	227.74972	8.9	-7.7 TV			PASS	PASS	PASS	PASS
229.262	4.5	21	25 229.2631	233.76334	9.9	-6 TV			PASS	PASS	PASS	PASS
235.262	4.5	22	26 235.2633	239.76327	8	-5.8 TV			PASS	PASS	PASS	PASS
241.262	4.5	23	27 241.2626	245.76249	6.5	-6.9 TV			PASS	PASS	PASS	PASS
247.262	4.5	24	28 247.2617	251.76164	7	-6.7 TV			PASS	PASS	PASS	PASS
253.262	4.5	25	29 253.2635	257.76351	7.1	-8.7 TV			PASS	PASS	PASS	PASS
259.262	4.5	26	30 259.2635	263.76374	6	-7 TV			PASS	PASS	PASS	PASS
265.262	4.5	27	31 265.2616	269.76158	8.4	-8.4 TV			PASS	PASS	PASS	PASS
271.262	4.5	28	32 271.2632	275.7633	6.3	-9 TV			PASS	PASS	PASS	PASS
277.262	4.5	29	33 277.2598	281.75975	5	-12 TV			PASS	PASS	PASS	PASS
283.262	4.5	30	34 283.2635	287.7635	5.3	-9.2 TV			PASS	PASS	PASS	PASS
289.262	4.5	31	35 289.2589	293.75908	7.3	-7.4 TV			PASS	PASS	PASS	PASS
295.262	4.5	32	36 295.2632	299.76316	10.2	-3.7 TV			PASS	PASS	PASS	PASS
301.262	4.5	33	37 301.2637	305.76365	12.5	-3.3 TV			PASS	PASS	PASS	PASS
307.262	4.5	34	38 307.2626	311.76253	12.2	-4.2 TV			PASS	PASS	PASS	PASS
313.262	4.5	35	39 313.2638	317.76377	12	-5 TV			PASS	PASS	PASS	PASS
319.262	4.5	36	40 319.2636	323.76373	10.8	-5.9 TV			PASS	PASS	PASS	PASS
325.262	4.5	37	41 325.263	329.76297	8.7	-6.9 TV			PASS	PASS	PASS	PASS
331.275	4.5	38	42 331.2752	335.77514	7.5	-8.8 TV			PASS	PASS	PASS	PASS
337.262	4.5	39	43 337.2653	341.7652	7.4	-8.5 TV			PASS	PASS	PASS	PASS
343.262	4.5	40	44 343.2633	347.76327	7.7	-6.7 TV			PASS	PASS	PASS	PASS
349.262	4.5	41	45 349.2623	353.76261	10.6	-4.9 TV			PASS	PASS	PASS	PASS
355.262	4.5	42	46 355.2618	359.76174	11.2	-5.5 TV			PASS	PASS	PASS	PASS
361.262	4.5	43	47 361.2651	365.76508	8.9	-6 TV			PASS	PASS	PASS	PASS
367.262	4.5	44	48 367.2625	371.7625	7.7	-9.2 TV			PASS	PASS	PASS	PASS
373.262	4.5	45	49 373.2629	377.76284	7.7	-6 TV			PASS	PASS	PASS	PASS
379.262	4.5	46	50 379.2639	383.76382	6.8	-9.7 TV			PASS	PASS	PASS	PASS
385.262	4.5	47	51 385.2625	389.76246	6.8	-9.2 TV			PASS	PASS	PASS	PASS
391.262	4.5	48	52 391.2624	395.76232	8	-7.9 TV			PASS	PASS	PASS	PASS
397.262	4.5	49	53 397.2639	401.76386	7.5	-4.8 TV			PASS	PASS	PASS	PASS
403.25	4.5	50	54 403.2517	407.75159	6	-11 TV			PASS	PASS	PASS	PASS
409.25	4.5	51	55 409.2514	413.75135	6.9	-8.7 TV			PASS	PASS	PASS	PASS
415.25	4.5	52	56 415.2522	419.75233	8.1	-3 TV			PASS	PASS	PASS	PASS
421.25	4.5	53	57 421.2519	425.75188	11	-3.5 TV			PASS	PASS	PASS	PASS
427.25	4.5	54	58 427.2504	431.75036	12.2	-3.4 TV			PASS	PASS	PASS	PASS
433.25	4.5	55	59 433.2514	437.75125	12	-3.9 TV			PASS	PASS	PASS	PASS
439.25	4.5	56	60 439.2517	443.75166	12.8	-3.7 TV			PASS	PASS	PASS	PASS
445.25	4.5	57	61 445.2513	449.75154	11.4	-3.5 TV			PASS	PASS	PASS	PASS
97.25	4.5	59	96 97.25035	101.75031	11.4	-4 TV			PASS	PASS	PASS	PASS
103.25	4.5	60	97 103.2503	107.75019	9.3	-6.3 TV			PASS	PASS	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

PSID Number: 014169

Report the visual/audio signal quality separation for each channel measured at the headend and at the test point (cable or home) for the 1 dB separation ROC specification. Note: for baseband converters the visual/audio signal is 65-71 dB

[illegible][illegible]

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: Cherry Plains Sq. Berlin Chatham, NY

Weather

Clear
Cloudy

Rain
Snow

Test Point #: TP 01

Date :2/18/09

Time: 09:20 AM

Temperature: 25 F

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

			Carrier / Coherent Beat Ratios			
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	45.9 db	0.6%			56.7 db	60.4 db
11	48.0 db				56.9 db	61.5 db
22	45.8 db				59.5 db	59.6 db
23	44.9 db				54.1 db	59.3 db
40	47.5 db				54.6 db	60.0 db
42	45.0 db				54.3 db	59.5 db
51	43.9 db				55.2 db	58.2 db
60	45.3 db				56.7 db	59.4 db

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 01

TEST POINT LOCATION: Cherry Plain Berlin

TIME OF INITIAL READING: 5:10 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.9	35&36
2	2.9	44&45
3	2.9	44&45
4	1.7	9&10

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	7.8	33&60
2	7.4	13&60
3	9.3	5&30
4	4.3	4&59

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM

PSID NUMBER: 014169

Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart, the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP01-2
 Comments
 Date 13-Feb-09
 Time 11:00:04 AM
 Temperature 15 f
 Location Cherry plains Rd
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.5	12.9	7.4	PASS

Video Freq		Audio Freq		Video Amf		Audio Amf		Type	At end of 100' drop			
MHz	MHz	MHz	MHz	dBmV	dBmV	dBmV	dBmV		Adjacent	Adjacent	Audio Sep.	>=3dB, <15dB
55.25	4.5	2	2	55.25037	59.7501	9.7	-4.3 TV	PASS	PASS	PASS	PASS	PASS
61.25	4.5	3	3	61.25037	65.75021	10.8	-5.7 TV	PASS	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.74991	9	-2.3 TV	PASS	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25057	81.75051	12.3	-4.2 TV	PASS	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24986	87.7498	12	-3.5 TV	PASS	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2505	179.75069	9.5	-4.5 TV	PASS	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74959	10.5	-5.7 TV	PASS	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2499	191.74992	9.5	-1.6 TV	PASS	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75034	9.5	-6.7 TV	PASS	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75026	8.6	-6.7 TV	PASS	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75067	5.9	-11.1 TV	PASS	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75079	5.5	-9.7 TV	PASS	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2629	137.76286	8	-5.9 TV	PASS	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3205	155.82059	10.1	-1.4 TV	PASS	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75014	10.8	-5.9 TV	PASS	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74891	10.4	-5.6 TV	PASS	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76331	10.6	-5.4 TV	PASS	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75148	8	-7.4 TV	PASS	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74971	8.8	-7.7 TV	PASS	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2631	233.76332	9.9	-6 TV	PASS	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2633	239.76318	7.9	-5.8 TV	PASS	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2626	245.76251	6.6	-6.8 TV	PASS	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.2617	251.76161	7	-6.7 TV	PASS	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2635	257.76347	6.9	-8.7 TV	PASS	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2635	263.76373	6	-7.1 TV	PASS	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.7615	8.4	-8.6 TV	PASS	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2632	275.7632	6.1	-9 TV	PASS	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75979	6.2	-8.4 TV	PASS	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76346	6.1	-9.1 TV	PASS	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.7591	8.2	-7.4 TV	PASS	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76315	11.1	-3.7 TV	PASS	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76362	12.5	-3.3 TV	PASS	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76255	12.1	-4.6 TV	PASS	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76374	11.9	-5 TV	PASS	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76376	10.8	-6.1 TV	PASS	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.263	329.763	8.6	-7 TV	PASS	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77515	7.4	-9 TV	PASS	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76516	7.3	-8.7 TV	PASS	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76327	7.6	-6.8 TV	PASS	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76246	10.5	-5 TV	PASS	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.76177	11.2	-5.2 TV	PASS	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	8.3	-8.6 TV	PASS	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76246	7.6	-9.2 TV	PASS	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.76284	7.5	-7 TV	PASS	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2639	383.76406	6.8	-9.7 TV	PASS	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76247	6.7	-9.3 TV	PASS	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.7623	7.8	-8 TV	PASS	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2639	401.76383	7.5	-4.8 TV	PASS	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75183	5.9	-10.9 TV	PASS	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75139	5.8	-8.7 TV	PASS	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2522	419.7523	8.2	-4.6 TV	PASS	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75183	11	-3.6 TV	PASS	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2504	431.75029	12.3	-3.5 TV	PASS	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2514	437.75121	12	-3.9 TV	PASS	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75166	12.9	-3.9 TV	PASS	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2513	449.75151	11.7	-3.5 TV	PASS	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.7504	11.4	-4.1 TV	PASS	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.2503	107.75022	9.1	-6.5	PASS	PASS	PASS	PASS	PASS

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #:014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest
signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham PSID #: 014169 Technician : Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Stateline Rd W. Stockbridge Weather Clear Rain Snow
Test Point #: TP02 Date: 2-13-09 Time: 3:10 AM Temperature 15 f

[illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make sufficient copies of this page to accommodate all pictures. Include One Picture per Channel tested. (See Instructions #4)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-02**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 11
Scale: 2dB/div
Measured Response: 0.65
Date/Time: 02/13/09 09:23

PLACE PICTURE

HERE

Channel: 22
Scale: 2dB/div
Measured Response: 0.85
Date/Time: 02/13/09 09:24

PLACE PICTURE

HERE

Channel: 23
Scale: 2dB/div
Measured Response: 1.05
Date/Time: 02/13/09 09:25

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sufficient Copies of this Page to Accommodate All Pictures Include This Picture Key Channel List (See Instructions 7)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-02
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 40
Scale: dBmV
Measured Response: 0.75
Date/Time: 02/13/09 09:25

PLACE PICTURE
HERE

Channel: 42
Scale: dBmV
Measured Response: 1.30
Date/Time: 02/13/09 09:26

PLACE PICTURE
HERE

Channel: 51
Scale: dBmV
Measured Response: 1.05
Date/Time: 02/13/09 09:27

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	NOTE: Significant Scale of this Page For Common Use All Points Method: One Point Per Channel Test (See Instructions 2)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-02
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 60
Scale
Measured Response: 0.70
Date/Time: 02/13/09 09:27

PLACE PICTURE
HERE

Channel: 96
Scale
Measured Response: 1.30
Date/Time: 02/13/09 10:06

PLACE PICTURE
HERE

Channel:
Scale
Measured Response:
Date/Time:

Tech. Name : TEST of : SRTB

Site Id : TP02

Comments :

Mode : FR

Date : February 13, 2009

Time : 09:23:47 AM

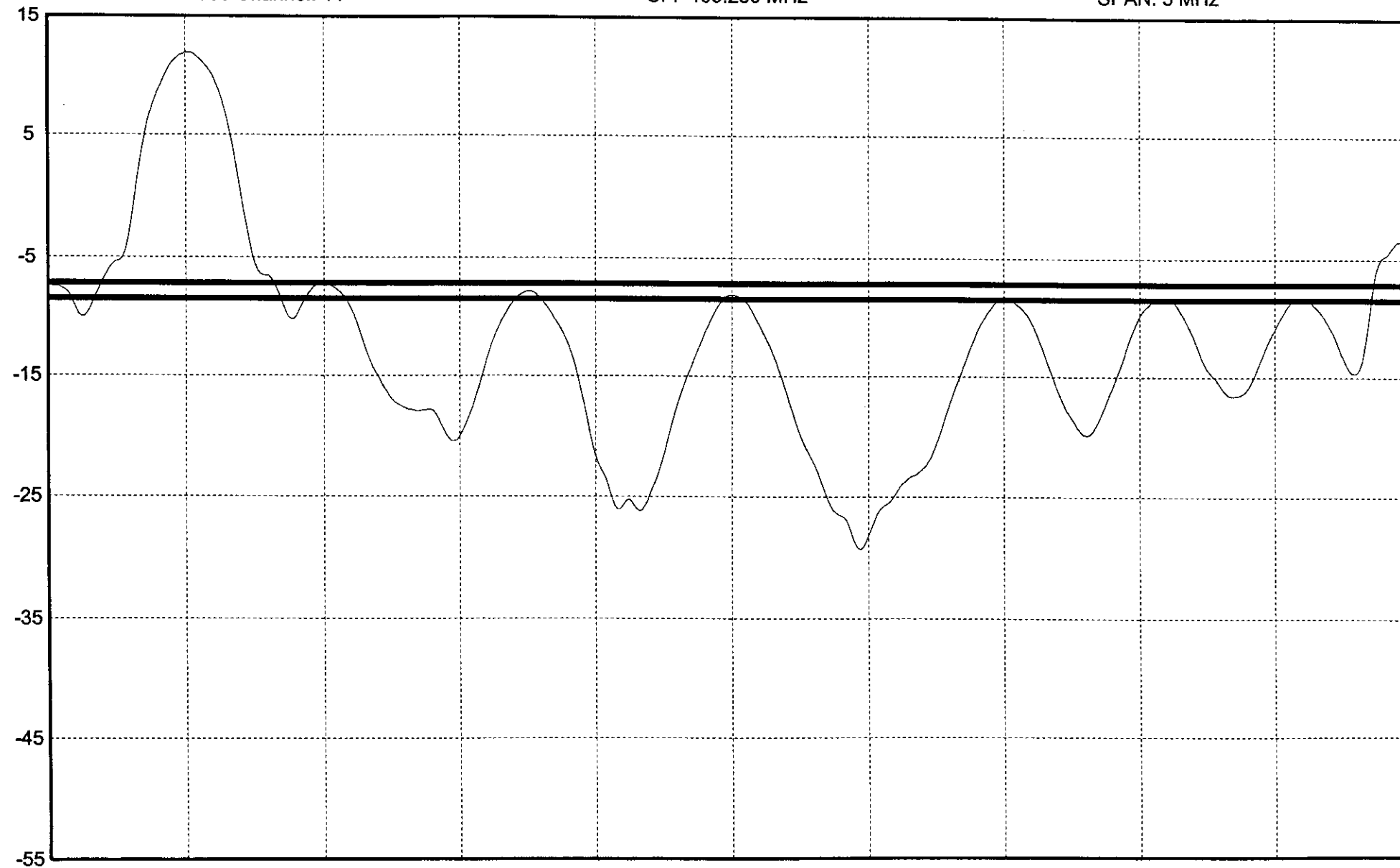
Temp 59 F

ATT: 15 dB
dBmV

Video Channel: 11

CF: 199.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.65 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP02 Comments :

Mode : FR

Date : February 13, 2009

Time : 09:24:27 AM

Temp 61 F

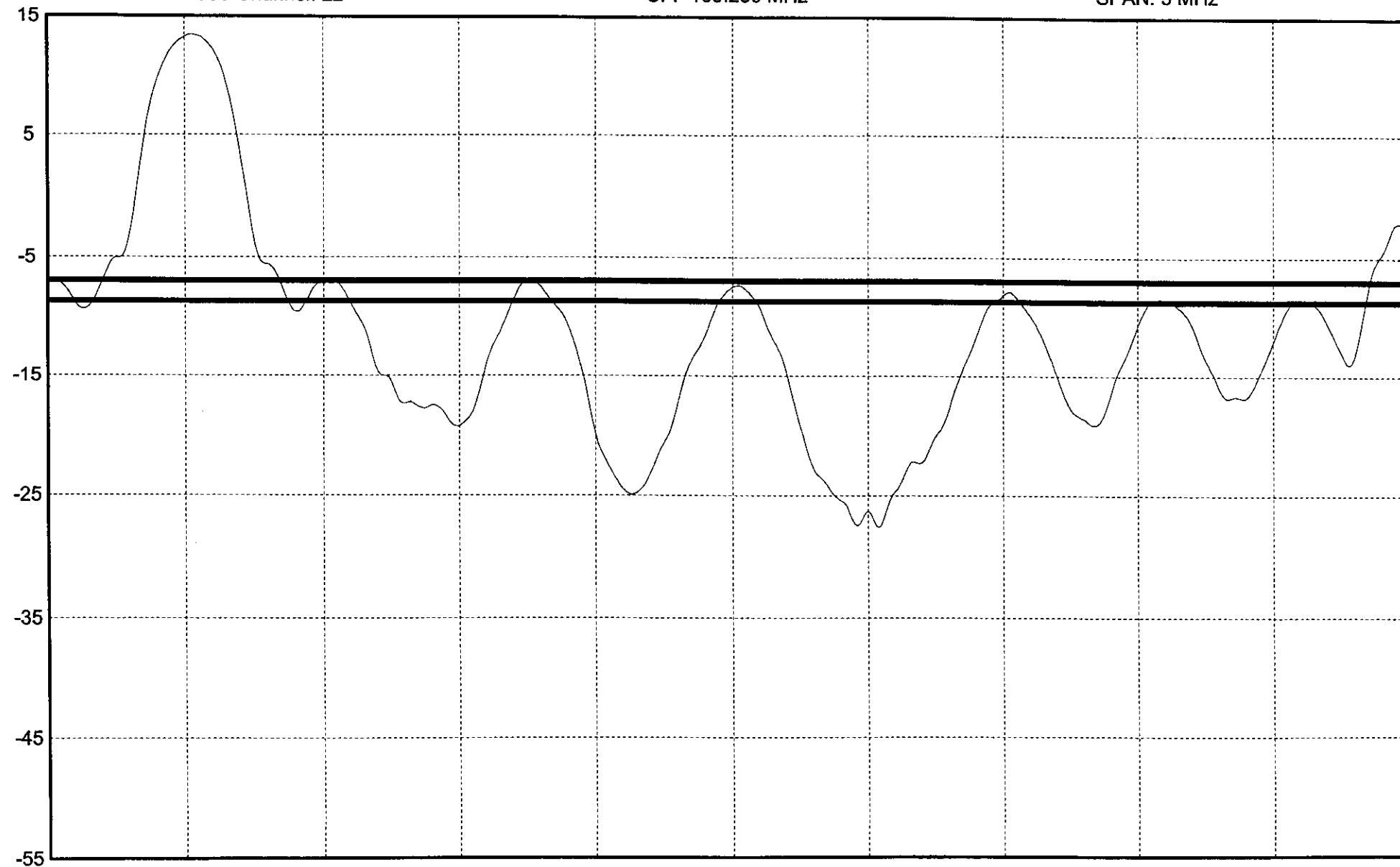
ATT: 15 dB

dBmV

Video Channel: 22

CF: 169.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.85 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP02 Comments :

Date : February 13, 2009

Time : 09:25:05 AM

Mode : FR

Temp 61 F

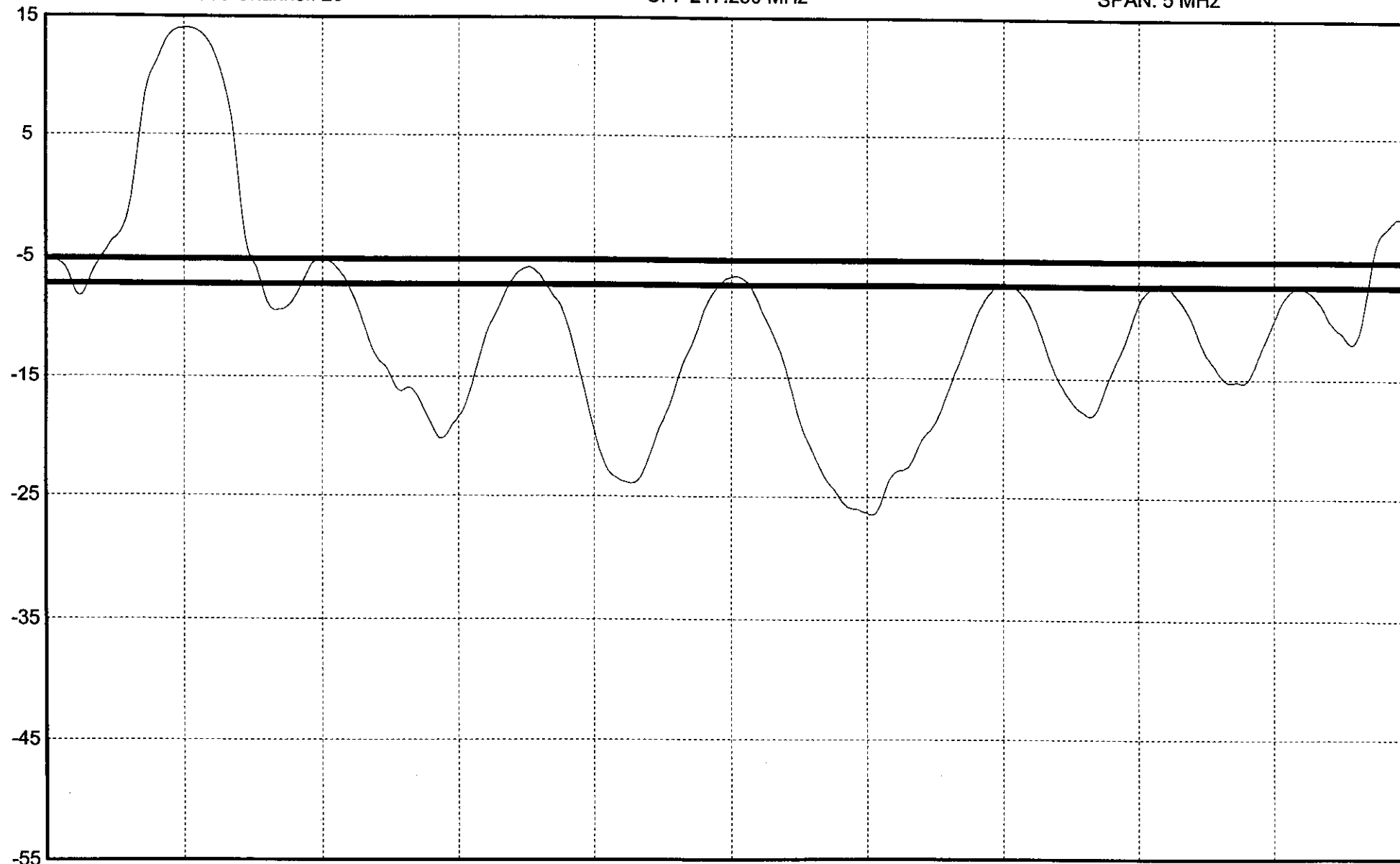
ATT: 15 dB

dBmV

Video Channel: 23

CF: 217.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.05 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP02 Comments :

Date : February 13, 2009

Time : 09:25:44 AM

Mode : FR

Temp 59 F

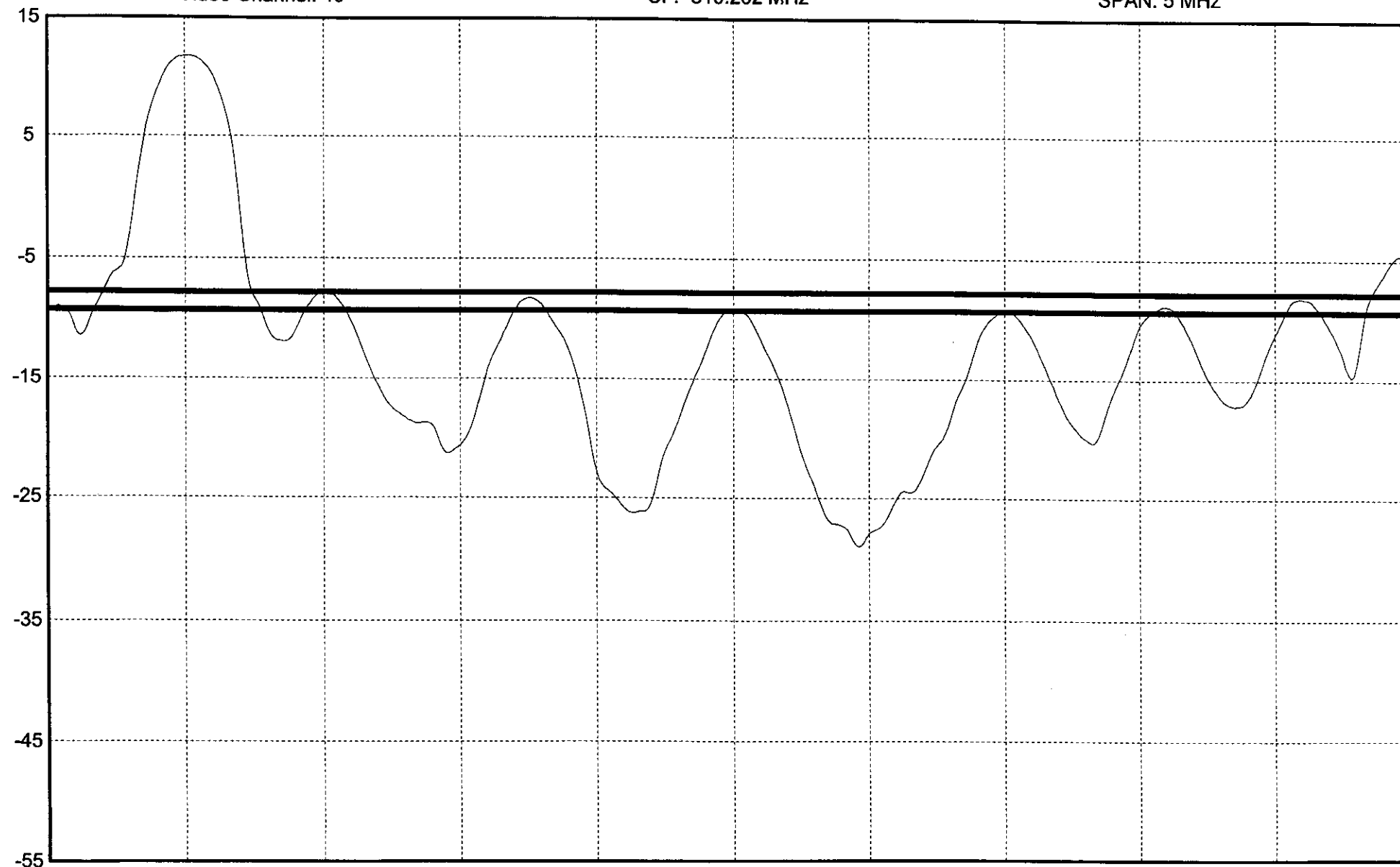
ATT: 15 dB

dBmV

Video Channel: 40

CF: 319.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.75 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : [REDACTED] of : SRTB

Site Id : TP02

Comments :

Mode : FR

Date : February 13, 2009

Time : 09:26:23 AM

Temp 61 F

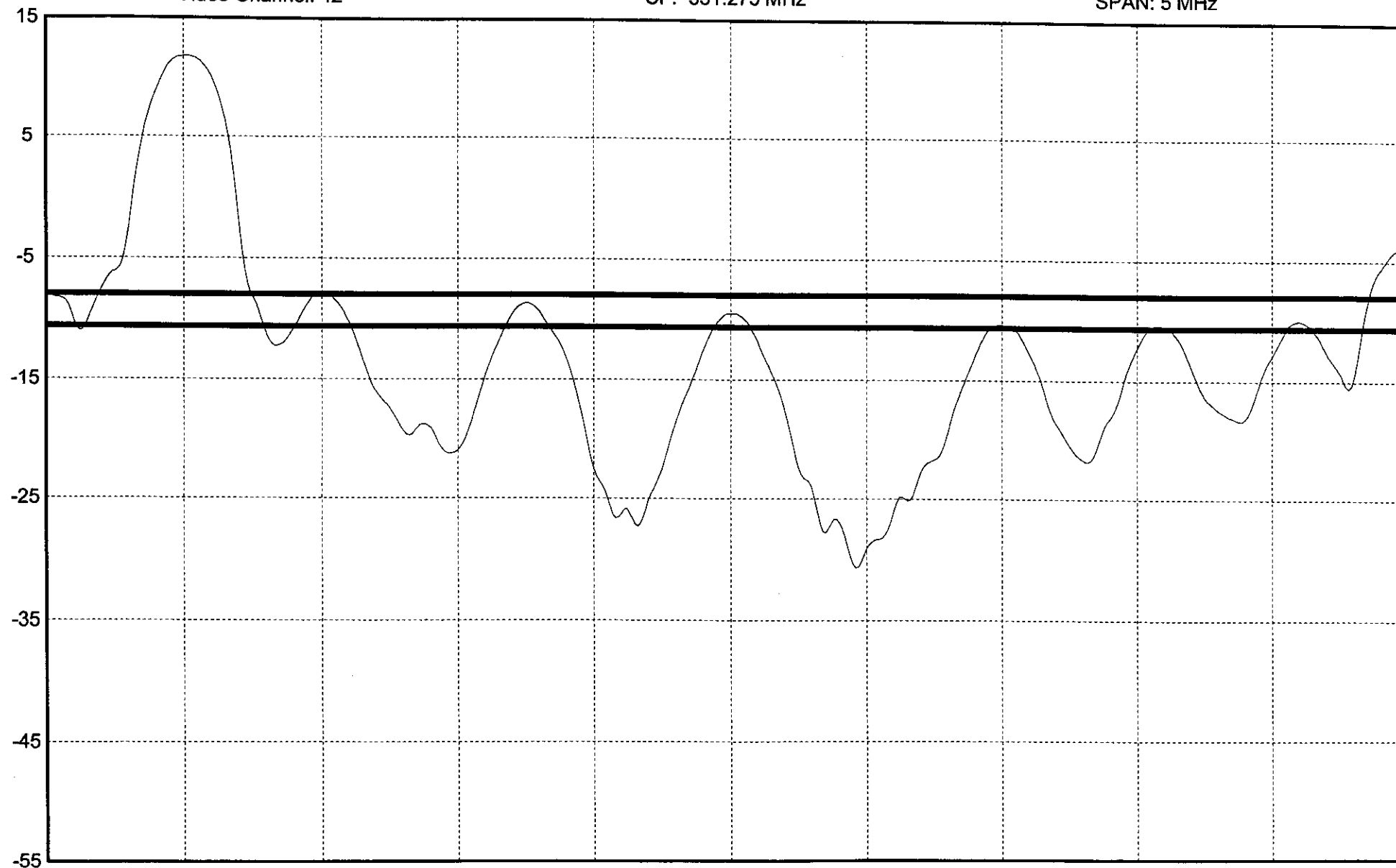
ATT: 15 dB

dBmV

Video Channel: 42

CF: 331.275 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.30 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP02 Comments :

Date : February 13, 2009

Time : 09:27:10 AM

Mode : FR

Temp 59 F

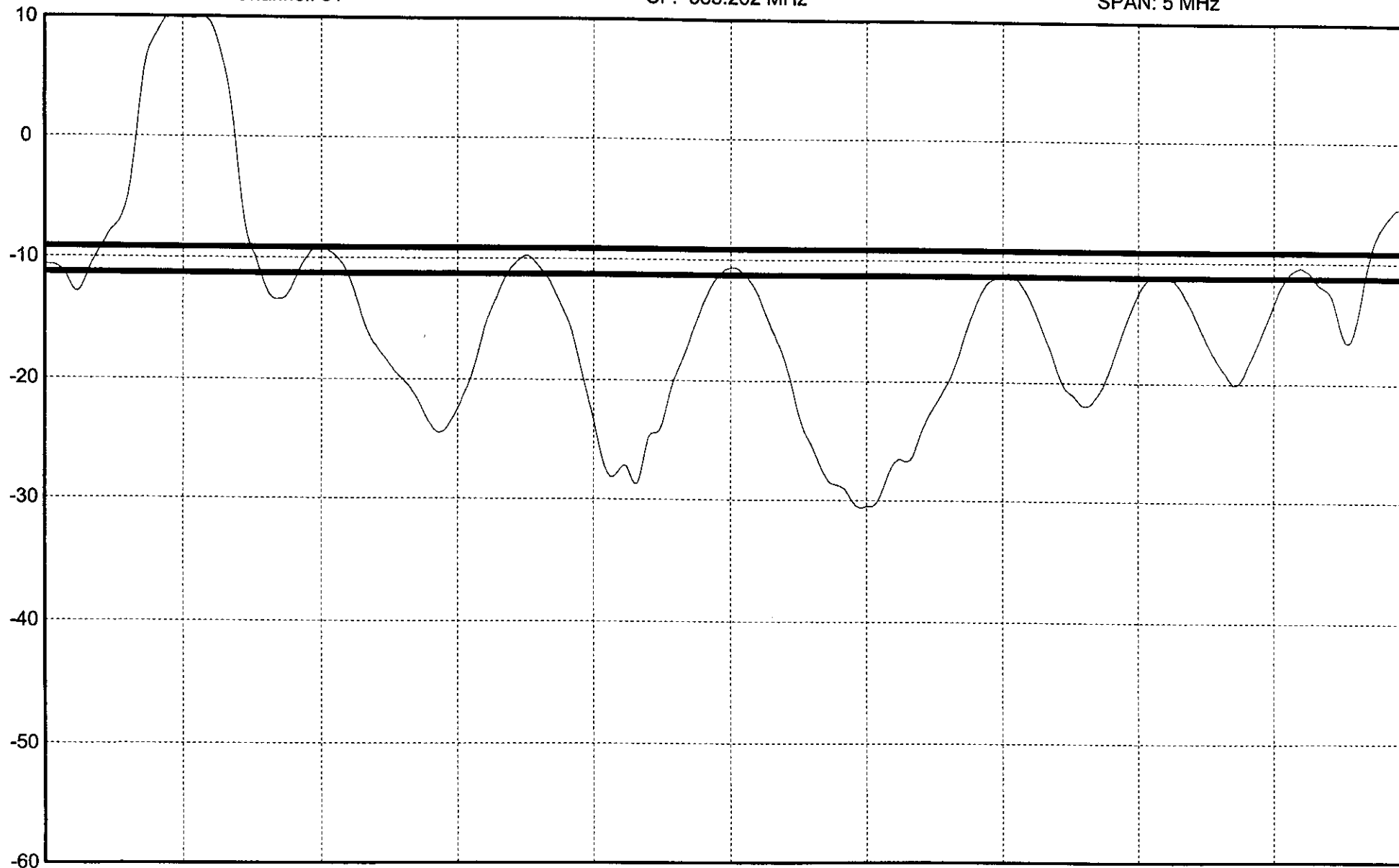
ATT: 10 dB

dBmV

Video Channel: 51

CF: 385.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.05 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of: SRTB

Site Id : TP02 Comments :

Date : February 13, 2009

Time : 09:27:49 AM

Mode : FR

Temp 59 F

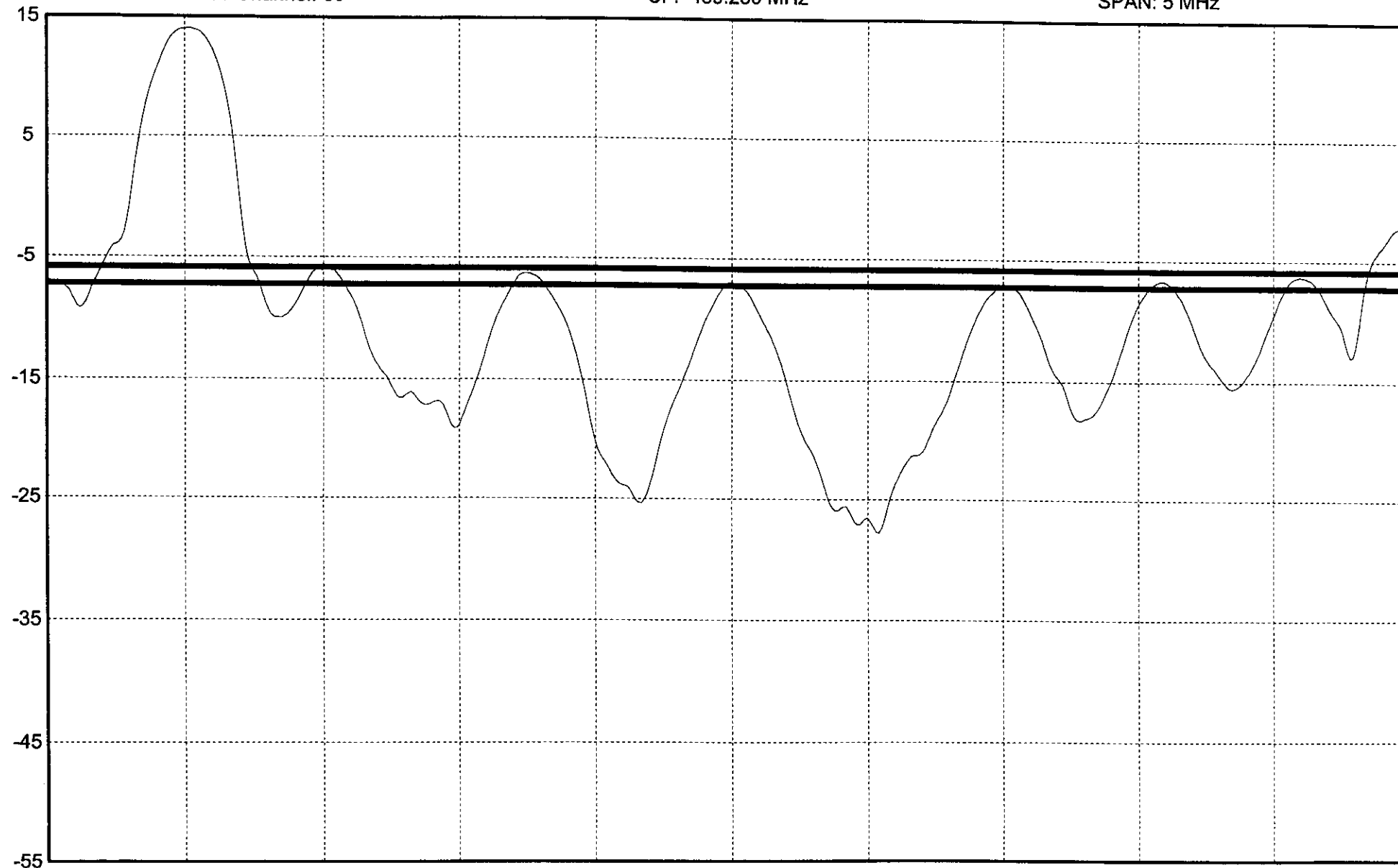
ATT: 15 dB

dBmV

Video Channel: 60

CF: 439.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.70 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP02 Comments :

Date : February 13, 2009

Time : 10:06:57 AM

Mode : FR

Temp 59 F

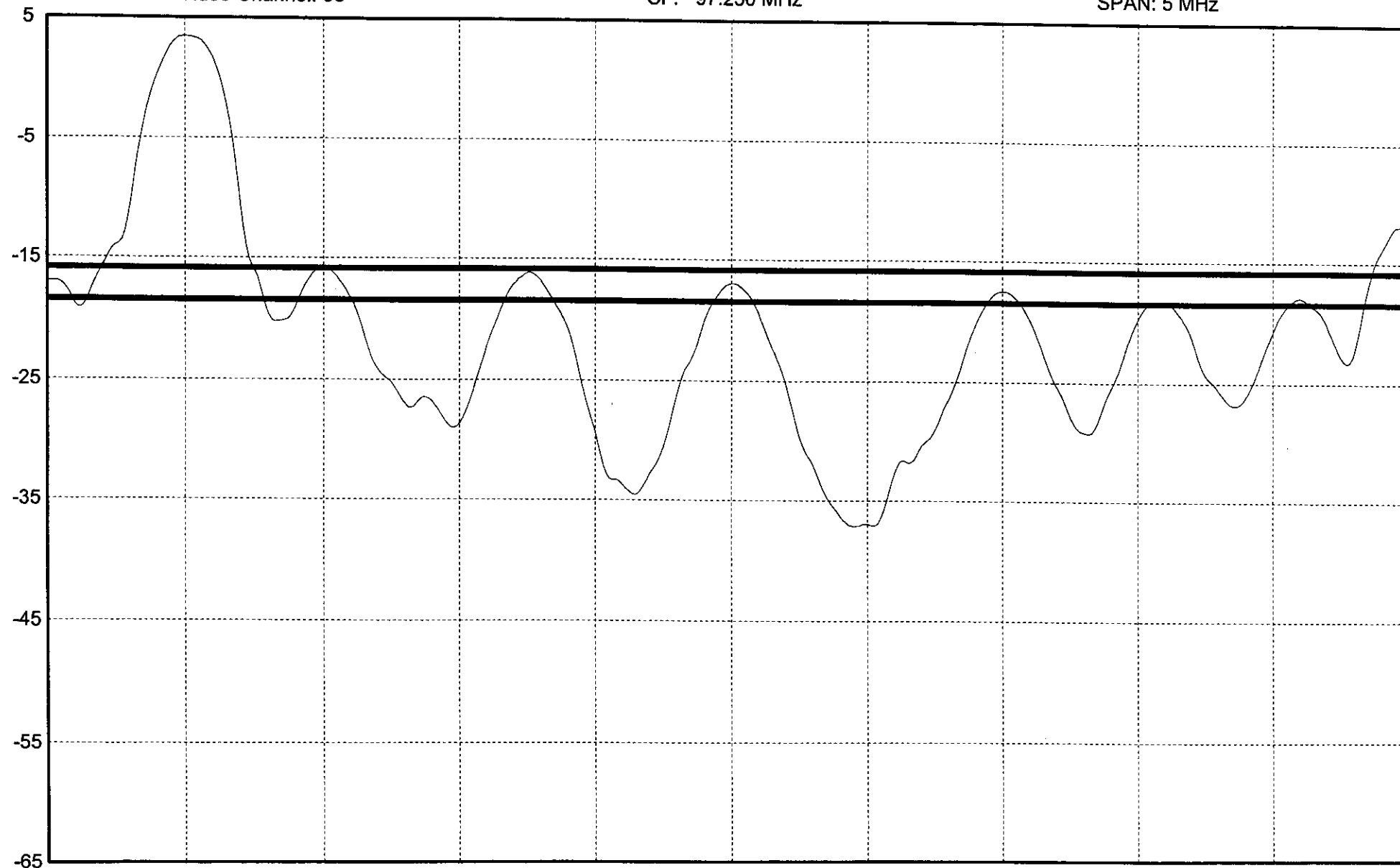
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.30 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP02-1
 Comments
 Date 13-Feb-09
 Time 3:02:26 AM
 Temperature 12 C
 Location State line Rd West Stockbridge
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2A

Peak to Valley <42db			
MIN	MAX	DIFF	Grade
10	14.5	4.5	PASS

Video Freq Audio Freq Video Amp Audio Amp Type

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	55.25143	59.75358	10.2	-1.9 TV	PASS	PASS	PASS	PASS
61.25	4.5	3	61.24999	65.74995	10.7	-0.8 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	67.25026	71.75014	10.1	-6.3 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	77.25058	81.75052	11.5	-5.1 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	83.24985	87.74981	11.1	-4.1 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	175.2454	179.74554	13.2	-0.6 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	181.2497	185.74966	13.5	-2.7 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	187.2507	191.75071	13.6	0.4 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	193.2505	197.75035	11.9	-4.3 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	199.2504	203.75033	11.3	-3.7 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	205.2505	209.75066	12.5	-2.5 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	211.2507	215.75078	13.5	-2 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	133.2627	137.7626	14.5	1 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	151.3206	155.82061	11.1	0 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	157.2503	161.75023	12.8	-3.7 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	163.2486	167.74822	12.5	-2.8 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	169.2635	173.76334	13	-2.6 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	217.2515	221.75144	13.6	-2 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	223.2498	227.74976	13.8	-3 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	229.2635	233.7637	12.9	-1.3 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	235.2629	239.76297	13.9	-0.3 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	241.2618	245.7617	11	-3.5 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	247.2621	251.76204	12.1	-2.7 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	253.2629	257.76282	13.4	-0.4 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	259.2601	263.76035	12.1	-2.2 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	265.2616	269.76163	13	-3.2 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	271.2633	275.76326	12.3	-3.9 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	277.2598	281.75969	12.1	-4.7 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	283.2635	287.76355	11.5	-3.8 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	289.2589	293.75913	11.6	-4.4 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	295.2632	299.76316	11.7	-4.2 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	301.2637	305.76369	11.5	-4.1 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	307.2626	311.76253	11.7	-4.7 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	313.2638	317.76376	11.6	-4.5 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	319.2636	323.76383	11.3	-5.3 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	325.2631	329.76306	11	-4.8 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	331.2752	335.77513	11.3	-4.7 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	337.2653	341.76522	11.5	-4.3 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	343.2633	347.76328	11.7	-4.4 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	349.2623	353.76246	12.2	-4.2 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	355.2618	359.76171	12	-3.8 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	361.2651	365.7651	12.6	-3.7 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	367.2625	371.76243	12.6	-4.2 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	373.2629	377.7629	12.5	-5 TV	PASS	PASS	FAIL	PASS
379.262	4.5	46	379.2639	383.76426	11.5	-4.6 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	385.2625	389.76248	10.6	-5.8 TV	PASS	PASS	PASS	PASS
391.262	4.5	48	391.2624	395.76244	11	-4.9 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	397.2621	401.76203	11.9	-3.2 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	403.2517	407.7517	11	-5 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	409.2514	413.75148	11.5	-4.1 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	415.2523	419.75231	12.6	-3.1 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	421.2519	425.75187	13	-2.6 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	427.2505	431.75043	13.3	-2.8 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	433.2511	437.75109	14.4	0.9 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	439.2517	443.75172	13.6	-2.6 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	445.2521	449.75227	13.4	-0.5 TV	PASS	PASS	PASS	PASS
97.25	4.5	59	97.25036	101.75036	11.8	-3.1 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	103.2523	107.75236	10	-4.9 TV	PASS	PASS	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID Tp02-spl
 Comments Channel 49 audio failed, readjusted modulator on 2/18/09
 Date 13-Feb-09
 Time 7:23:50 PM
 Temperature 12 C
 Location State line Rd West Stockbridge
 Calibrated 5/3/2007
 Serial Number 4438-0902

Video Freq Audio Freq Video Amp Audio Amp Type

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7	12.1	5.1	PASS

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
	55.25	4.5	2	2	55.25139	59.75358	7.2	-4.9 TV	PASS	PASS
	61.25	4.5	3	3	61.24999	65.74995	7.9	-3.8 TV	PASS	PASS
	67.25	4.5	4	4	67.25026	71.75014	7	-9.5 TV	PASS	PASS
	77.25	4.5	5	5	77.25059	81.75049	8.4	-8 TV	PASS	PASS
	83.25	4.5	6	6	83.24985	87.7498	8.3	-6.7 TV	PASS	PASS
	175.25	4.5	7	7	175.2454	179.7456	10.1	-3.7 TV	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74958	10.4	-5.8 TV	PASS	PASS
	187.25	4.5	9	9	187.2507	191.75073	10.6	-2.5 TV	PASS	PASS
	193.25	4.5	10	10	193.2505	197.75058	8.8	-7.2 TV	PASS	PASS
	199.25	4.5	11	11	199.2504	203.75034	8.2	-6.7 TV	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75085	9.4	-5.6 TV	PASS	PASS
	211.25	4.5	13	13	211.2507	215.75073	10.5	-6.1 TV	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76258	12.1	-2.1 TV	PASS	PASS
	151.25	4.5	15	19	151.3205	155.8206	8.1	-3 TV	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75024	9.5	-6.8 TV	PASS	PASS
	163.25	4.5	17	21	163.2486	167.7486	9.3	-6.1 TV	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76334	9.7	-5.8 TV	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75133	10.6	-5.2 TV	PASS	PASS
	223.25	4.5	20	24	223.2497	227.74978	10.7	-5.8 TV	PASS	PASS
	229.262	4.5	21	25	229.2635	233.76368	9.9	-4.3 TV	PASS	PASS
	235.262	4.5	22	26	235.2629	239.76268	10.8	-3.5 TV	PASS	PASS
	241.262	4.5	23	27	241.2617	245.76167	7.8	-6.5 TV	PASS	PASS
	247.262	4.5	24	28	247.262	251.76198	9	-5.8 TV	PASS	PASS
	253.262	4.5	25	29	253.2628	257.7628	10.5	-3.4 TV	PASS	PASS
	259.262	4.5	26	30	259.2601	263.76025	9	-5 TV	PASS	PASS
	265.262	4.5	27	31	265.2616	269.76156	9.8	-6.3 TV	PASS	PASS
	271.262	4.5	28	32	271.2632	275.76328	9	-7.2 TV	PASS	PASS
	277.262	4.5	29	33	277.2598	281.7597	8.7	-8 TV	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76341	8.2	-7.1 TV	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75911	8.4	-8 TV	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76313	8.2	-7.6 TV	PASS	PASS
	301.262	4.5	33	37	301.2636	305.76361	8.2	-7.4 TV	PASS	PASS
	307.262	4.5	34	38	307.2626	311.76255	8.3	-8 TV	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76382	8.2	-7.8 TV	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76375	7.9	-8.7 TV	PASS	PASS
	325.262	4.5	37	41	325.2631	329.76303	7.5	-8.1 TV	PASS	PASS
	331.275	4.5	38	42	331.2752	335.77511	7.8	-8.1 TV	PASS	PASS
	337.262	4.5	39	43	337.2652	341.76514	8	-7.6 TV	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76325	8.4	-7.8 TV	PASS	PASS
	349.262	4.5	41	45	349.2622	353.76244	9	-7.2 TV	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76176	8.8	-7 TV	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76509	9.5	-6.7 TV	PASS	PASS
	367.262	4.5	44	48	367.2625	371.7624	9.5	-7.3 TV	PASS	PASS
	373.262	4.5	45	49	373.2629	377.76283	9.6	-7.9 TV	PASS	PASS
	379.262	4.5	46	50	379.2639	383.76415	8.4	-8.5 TV	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76245	7.8	-8.6 TV	PASS	PASS
	391.262	4.5	48	52	391.2623	395.76239	8.1	-7.7 TV	PASS	PASS
	397.262	4.5	49	53	397.262	401.76193	9.1	-6.1 TV	PASS	PASS
	403.25	4.5	50	54	403.2517	407.75166	8.2	-8 TV	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75141	8.5	-6.8 TV	PASS	PASS
	415.25	4.5	52	56	415.2523	419.75231	9.9	-5.9 TV	PASS	PASS
	421.25	4.5	53	57	421.2518	425.75179	10.1	-5.4 TV	PASS	PASS
	427.25	4.5	54	58	427.2505	431.75041	10.4	-5.6 TV	PASS	PASS
	433.25	4.5	55	59	433.2511	437.75104	11.6	-2.3 TV	PASS	PASS
	439.25	4.5	56	60	439.2517	443.75159	10.4	-5.8 TV	PASS	PASS
	445.25	4.5	57	61	445.252	449.75216	10.1	-3.9 TV	PASS	PASS
	97.25	4.5	59	96	97.25034	101.75035	8.8	-6.1 TV	PASS	PASS
	103.25	4.5	60	97	103.2523	107.75233	7.6	-7 TV	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: State Line Rd W. Stockbridge Chatham, NY

Weather

Clear
Cloudy

Rain
Snow

Test Point #: TP 02

Date :2/13/09

Time: 09:50 AM

Temperature: 25 F

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

			Carrier / Coherent Beat Ratios			
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	46.1 db	1.0%			67.0 db	62.1 db
11	47.6 db				64.2 db	62.0 db
22	48.7 db				65.3 db	63.2 db
23	48.8 db				64.3 db	63.2 db
40	49.1 db				63.9 db	62.3 db
42	49.0 db				62.6 db	61.2 db
51	48.0 db				62.5 db	58.9 db
60	48.1 db				63.0 db	59.6 db

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 02

TEST POINT LOCATION: Stateline Rd W. Stockbridge

TIME OF INITIAL READING: 3:10 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.9	26&27
2	3	26&27
3	2.8	26&27
4	2.9	26&27

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	4.5	97&16
2	4.3	59&4
3	5	51&16
4	4.3	4&59

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM

PSID NUMBER: 014169

Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP02-1
 Comments
 Date 13-Feb-09
 Time 3:02:26 AM
 Temperature 12 C
 Location State line Rd West Stockbridge
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
10	14.5	4.5	PASS

MHz	MHz			MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	2	55.25143	59.75358	10.2	-1.9 TV	PASS		PASS	PASS
61.25	4.5	3	3	61.24999	65.74995	10.7	-0.8 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.25026	71.75014	10.1	-6.3 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25058	81.75052	11.5	-5.1 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.74981	11.1	-4.1 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2454	179.74554	13.2	-0.6 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74966	13.5	-2.7 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2507	191.75071	13.6	0.4 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75035	11.9	-4.3 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75033	11.3	-3.7 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75066	12.5	-2.5 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75078	13.5	-2 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.7626	14.5	1 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82061	11.1	0 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75023	12.8	-3.7 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74822	12.5	-2.8 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76334	13	-2.6 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75144	13.6	-2 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74976	13.8	-3 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2635	233.7637	12.9	-1.3 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2629	239.76297	13.9	-0.3 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2618	245.7617	11	-3.5 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.76204	12.1	-2.7 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2629	257.76282	13.4	-0.4 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2601	263.76035	12.1	-2.2 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76163	13	-3.2 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76326	12.3	-3.9 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75969	12.1	-4.7 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76355	11.5	-3.8 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75913	11.6	-4.4 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76316	11.7	-4.2 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76369	11.5	-4.1 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76253	11.7	-4.7 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76376	11.6	-4.5 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76383	11.3	-5.3 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.76306	11	-4.8 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77513	11.3	-4.7 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76522	11.5	-4.3 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76328	11.7	-4.4 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76246	12.2	-4.2 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.76171	12	-3.8 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.7651	12.6	-3.7 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76243	12.6	-4.2 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.7629	12.5	-5 TV	PASS	PASS	FAIL	PASS
379.262	4.5	46	50	379.2639	383.76426	11.5	-4.6 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76248	10.6	-5.8 TV	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76244	11	-4.9 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2621	401.76203	11.9	-3.2 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.7517	11	-5 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75148	11.5	-4.1 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75231	12.6	-3.1 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75187	13	-2.6 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2505	431.75043	13.3	-2.8 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2511	437.75109	14.4	0.9 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75172	13.6	-2.6 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2521	449.75227	13.4	-0.5 TV	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25036	101.75036	11.8	-3.1 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.2523	107.75236	10	-4.9 TV	PASS	PASS	PASS	PASS

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
10.2	14.5	4.3	PASS

MHz	MHz			MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop
55.25	4.5	2	2	55.25144	59.75364	10.3	-1.8 TV	PASS			>=3dB, <15dB
61.25	4.5	3	3	61.25	65.74997	10.8	-0.7 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.25026	71.75023	10.2	-6.2 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.2506	81.75051	11.7	-5.1 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24986	87.74986	11.1	-4 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2454	179.74544	13.4	-0.6 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74963	13.6	-2.6 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2507	191.75064	13.8	0.7 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75048	12.1	-4.1 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75032	11.4	-3.6 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75072	12.5	-2.4 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75078	13.6	-2 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76265	14.3	1.1 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82059	11.2	0.2 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75022	13	-3.6 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74852	12.5	-2.8 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76332	13.2	-2.6 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75146	13.7	-1.9 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74983	14.1	-2.8 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2635	233.76371	13	-1.3 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2629	239.76288	14	-0.2 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2618	245.7617	11	-3.4 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.262	251.76198	12.2	-2.6 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2629	257.7628	13.4	-0.7 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2601	263.76028	12.1	-2.1 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76157	13.1	-3 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.7634	12.4	-3.9 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75971	12.2	-4.3 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76353	11.7	-3.7 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75917	11.8	-4.5 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76316	11.7	-4.1 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.7636	11.7	-3.9 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76254	11.8	-4.6 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76375	11.7	-4.3 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76378	11.4	-5.3 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2632	329.76313	11.1	-4.7 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.7752	11.4	-4.7 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.765						

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP02-3
 Comments Channel 49 Failed audio, readjusted modulator on 2/18/09
 Date 13-Feb-09
 Time 2:21:27 PM
 Temperature 10 C
 Location State line Rd West Stockbridge
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
9.3	14.3	5	PASS

Video Freq		Audio Freq		Video Amp		Audio Amp		Type	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
MHz	MHz	MHz	MHz	dBmV	dBmV							
55.25	4.5	2	2	55.25122	59.75343	9.7	-2.4 TV	PASS	PASS	PASS	PASS	
61.25	4.5	3	3	61.25001	65.74996	10.5	-1.3 TV	PASS	PASS	PASS	PASS	
67.25	4.5	4	4	67.25028	71.75015	9.5	-6.9 TV	PASS	PASS	PASS	PASS	
77.25	4.5	5	5	77.25056	81.75048	11.2	-5.4 TV	PASS	PASS	PASS	PASS	
83.25	4.5	6	6	83.24986	87.74973	11	-4.4 TV	PASS	PASS	PASS	PASS	
175.25	4.5	7	7	175.2455	179.74576	12.4	-1.5 TV	PASS	PASS	PASS	PASS	
181.25	4.5	8	8	181.2496	185.74956	12.5	-3.7 TV	PASS	PASS	PASS	PASS	
187.25	4.5	9	9	187.2507	191.75067	12.6	-0.5 TV	PASS	PASS	PASS	PASS	
193.25	4.5	10	10	193.2505	197.75035	11	-5.3 TV	PASS	PASS	PASS	PASS	
199.25	4.5	11	11	199.2504	203.7503	10.5	-5 TV	PASS	PASS	PASS	PASS	
205.25	4.5	12	12	205.2505	209.75068	11.4	-3.7 TV	PASS	PASS	PASS	PASS	
211.25	4.5	13	13	211.2507	215.75079	12.3	-4 TV	PASS	PASS	PASS	PASS	
133.262	4.5	14	16	133.2626	137.76254	14.3	0 TV	PASS	PASS	PASS	PASS	
151.25	4.5	15	19	151.3206	155.8206	10.2	-1 TV	PASS	PASS	PASS	PASS	
157.25	4.5	16	20	157.2503	161.75017	11.7	-4.9 TV	PASS	PASS	PASS	PASS	
163.25	4.5	17	21	163.2486	167.74857	11.4	-4 TV	PASS	PASS	PASS	PASS	
169.25	4.5	18	22	169.2635	173.76334	12.1	-3.7 TV	PASS	PASS	PASS	PASS	
217.25	4.5	19	23	217.2515	221.75143	12.5	-3.3 TV	PASS	PASS	PASS	PASS	
223.25	4.5	20	24	223.2497	227.74965	12.6	-4.1 TV	PASS	PASS	PASS	PASS	
229.262	4.5	21	25	229.2635	233.76368	11.9	-2.3 TV	PASS	PASS	PASS	PASS	
235.262	4.5	22	26	235.2629	239.76298	12.7	-1.3 TV	PASS	PASS	PASS	PASS	
241.262	4.5	23	27	241.2617	245.76168	9.9	-4.2 TV	PASS	PASS	PASS	PASS	
247.262	4.5	24	28	247.2619	251.7618	11.2	-3.7 TV	PASS	PASS	PASS	PASS	
253.262	4.5	25	29	253.2629	257.76283	12.7	-1.4 TV	PASS	PASS	PASS	PASS	
259.262	4.5	26	30	259.2603	263.76048	11.2	-3.2 TV	PASS	PASS	PASS	PASS	
265.262	4.5	27	31	265.2616	269.76156	11.9	-4.5 TV	PASS	PASS	PASS	PASS	
271.262	4.5	28	32	271.2632	275.76321	11	-5.4 TV	PASS	PASS	PASS	PASS	
277.262	4.5	29	33	277.2597	281.75976	10.8	-5.8 TV	PASS	PASS	PASS	PASS	
283.262	4.5	30	34	283.2635	287.76336	10.2	-4.8 TV	PASS	PASS	PASS	PASS	
289.262	4.5	31	35	289.2589	293.75913	10.4	-6 TV	PASS	PASS	PASS	PASS	
295.262	4.5	32	36	295.2632	299.76317	10.2	-5.8 TV	PASS	PASS	PASS	PASS	
301.262	4.5	33	37	301.2637	305.76367	10.1	-5.5 TV	PASS	PASS	PASS	PASS	
307.262	4.5	34	38	307.2626	311.76256	10.2	-6.3 TV	PASS	PASS	PASS	PASS	
313.262	4.5	35	39	313.2638	317.76378	10.1	-6 TV	PASS	PASS	PASS	PASS	
319.262	4.5	36	40	319.2636	323.76383	9.8	-6.9 TV	PASS	PASS	PASS	PASS	
325.262	4.5	37	41	325.263	329.76295	9.4	-6.3 TV	PASS	PASS	PASS	PASS	
331.275	4.5	38	42	331.2751	335.77506	9.7	-6.3 TV	PASS	PASS	PASS	PASS	
337.262	4.5	39	43	337.2653	341.76519	9.8	-6 TV	PASS	PASS	PASS	PASS	
343.262	4.5	40	44	343.2633	347.76324	10.2	-6.1 TV	PASS	PASS	PASS	PASS	
349.262	4.5	41	45	349.2623	353.76243	10.6	-5.8 TV	PASS	PASS	PASS	PASS	
355.262	4.5	42	46	355.2618	359.76182	10.4	-5.4 TV	PASS	PASS	PASS	PASS	
361.262	4.5	43	47	361.2651	365.76509	11	-5.4 TV	PASS	PASS	PASS	PASS	
367.262	4.5	44	48	367.2624	371.76234	11.1	-5.8 TV	PASS	PASS	PASS	PASS	
373.262	4.5	45	49	373.2628	377.76271	11.1	-6.4 TV	PASS	PASS	FAIL	PASS	
379.262	4.5	46	50	379.2638	383.76396	10.1	-6.1 TV	PASS	PASS	PASS	PASS	
385.262	4.5	47	51	385.2625	389.76237	9.3	-7.2 TV	PASS	PASS	PASS	PASS	
391.262	4.5	48	52	391.2623	395.76212	9.5	-6.4 TV	PASS	PASS	PASS	PASS	
397.262	4.5	49	53	397.2621	401.76199	10.4	-4.6 TV	PASS	PASS	PASS	PASS	
403.25	4.5	50	54	403.2517	407.75159	9.4	-7 TV	PASS	PASS	PASS	PASS	
409.25	4.5	51	55	409.2514	413.75141	9.8	-5.6 TV	PASS	PASS	PASS	PASS	
415.25	4.5	52	56	415.2522	419.75231	11	-4.9 TV	PASS	PASS	PASS	PASS	
421.25	4.5	53	57	421.2519	425.75189	11.4	-3.9 TV	PASS	PASS	PASS	PASS	
427.25	4.5	54	58	427.2506	431.7505	11.7	-4.3 TV	PASS	PASS	PASS	PASS	
433.25	4.5	55	59	433.2512	437.75114	12.8	-0.9 TV	PASS	PASS	PASS	PASS	
439.25	4.5	56	60	439.2517	443.75169	11.7	-4.3 TV	PASS	PASS	PASS	PASS	
445.25	4.5	57	61	445.2529	449.75303	12	-2.4 TV	PASS	PASS	PASS	PASS	
97.25	4.5	59	96	97.25035	101.7504	11.2	-4 TV	PASS	PASS	PASS	PASS	
103.25	4.5	60	97	103.2523	107.75233	10.2	-4.9 TV	PASS	PASS	PASS	PASS	

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
10.6	14.9	4.3	PASS

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	55.2514	59.75369	10.8	-1.2 TV	PASS			
61.25	4.5	3	61.24999	65.74995	11.3	-0.2 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	67.25026	71.75015	10.6	-5.6 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	77.25057	81.7505	11.9	-4.3 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	83.24985	87.74976	11.9	-3.2 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	175.2454	179.74556	13.7	-0.1 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	181.2497	185.74961	14.1	-2.1 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	187.2507	191.75059	14.2	0.9 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	193.2505	197.75042	12.5	-3.7 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	199.2505	203.7503	11.9	-3 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	205.2504	209.75067	13	-1.9 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	211.2507	215.75075	14.1	-2.8 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	133.2627	137.76258	14	1.6 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	151.3205	155.82051	11.7	0.5 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	157.2503	161.75021	13.2	-3.2 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	163.2486	167.74857	13	-2.5 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	169.2635	173.76334	13.4	-2.1 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	217.2515	221.75143	14.1	-1.5 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	223.2497	227.74967	14.2	-2.1 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	229.2635	233.76369	13.5	-0.7 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	235.2629	239.76281	14.4	0.4 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	241.2617	245.76161	11.5	-2.9 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	247.262	251.76195	12.6	-2 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	253.2628	257.76277	14.2	0 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30.259.2601	263.76024	12.6	-1.7 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31.265.2616	269.76151	13.5	-2.6 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32.271.2633	275.7632	12.6	-3.5 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33.277.2597	281.75969	12.4	-4.3 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34.283.2635	287.76348	11.9	-3.3 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35.289.2589	293.75902	12.1	-4.1 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36.295.2632	299.76316	12.1	-3.9 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37.301.2636	305.76361	11.9	-3.7 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38.307.2626	311.76253	12	-4.3 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39.313.2638	317.76374	11.9	-4 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40.319.2636	323.7638	11.6	-5 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41.325.2631	329.763	11.4	-4.3 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42.331.2751	335.77513	11.7	-4.4 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43.337.2653	341.76515	11.7	-3.9 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44.343.2633	347.76325	12.2	-4.1 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45.349.2622	353.76241	12.5					

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #: 014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham PSID #: 014169 Technician : Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Michaels Rd Berlin Weather Cloudy Clear Rain Snow
 Test Point #: TP03 Date: 2-13-09 Time: 3:52 AM Temperature 15 f

[illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Note: Submit one copy of this Page to Accompany All Pictures. Record One Picture Per Channel Measured. (See Instructions #1)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-03
Test Point Frequency Response (6 MHz)

PLACE PICTURE

HERE

Channel: 11
Send: 02/17/09
Measured Response: 1.25
Date/Time: 02/17/09 01:56

PLACE PICTURE

HERE

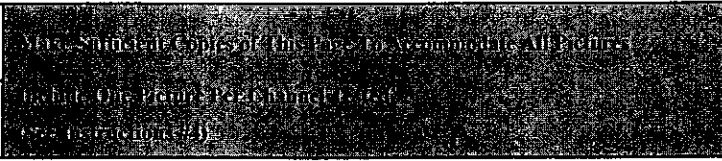
Channel: 22
Send: 02/18/09
Measured Response: 0.75
Date/Time: 02/18/09 10:55

PLACE PICTURE

HERE

Channel: 23
Send: 02/18/09
Measured Response: 1.30
Date/Time: 02/18/09 10:56

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-03**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 40
Scale: 2dB/div
Measured Response: 0.95
Date/Time: 02/18/09 10:57

PLACE PICTURE

HERE

Channel: 42
Scale: 2dB/div
Measured Response: 1.55
Date/Time: 02/18/09 10:57

PLACE PICTURE

HERE

Channel: 51
Scale: 2dB/div
Measured Response: 1.00
Date/Time: 02/18/09 10:58

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Please Stamp out Copies of this Page for All Premises. Label: One Premise Per Channel/Carrier. (See Instructions on p. 4)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-03**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 60
Scale: 20dB/dB
Measured Response: 0.70
Date/Time: 02/18/09 10:59

PLACE PICTURE

HERE

Channel: 96
Scale: 20dB/dB
Measured Response: 1.40
Date/Time: 02/17/09 01:55

PLACE PICTURE

HERE

Channel:
Scale: 20dB/dB
Measured Response:
Date/Time:

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP03

Comments :

Mode : FR

Date : February 17, 2009

Time : 01:56:34 PM

Temp 72 F

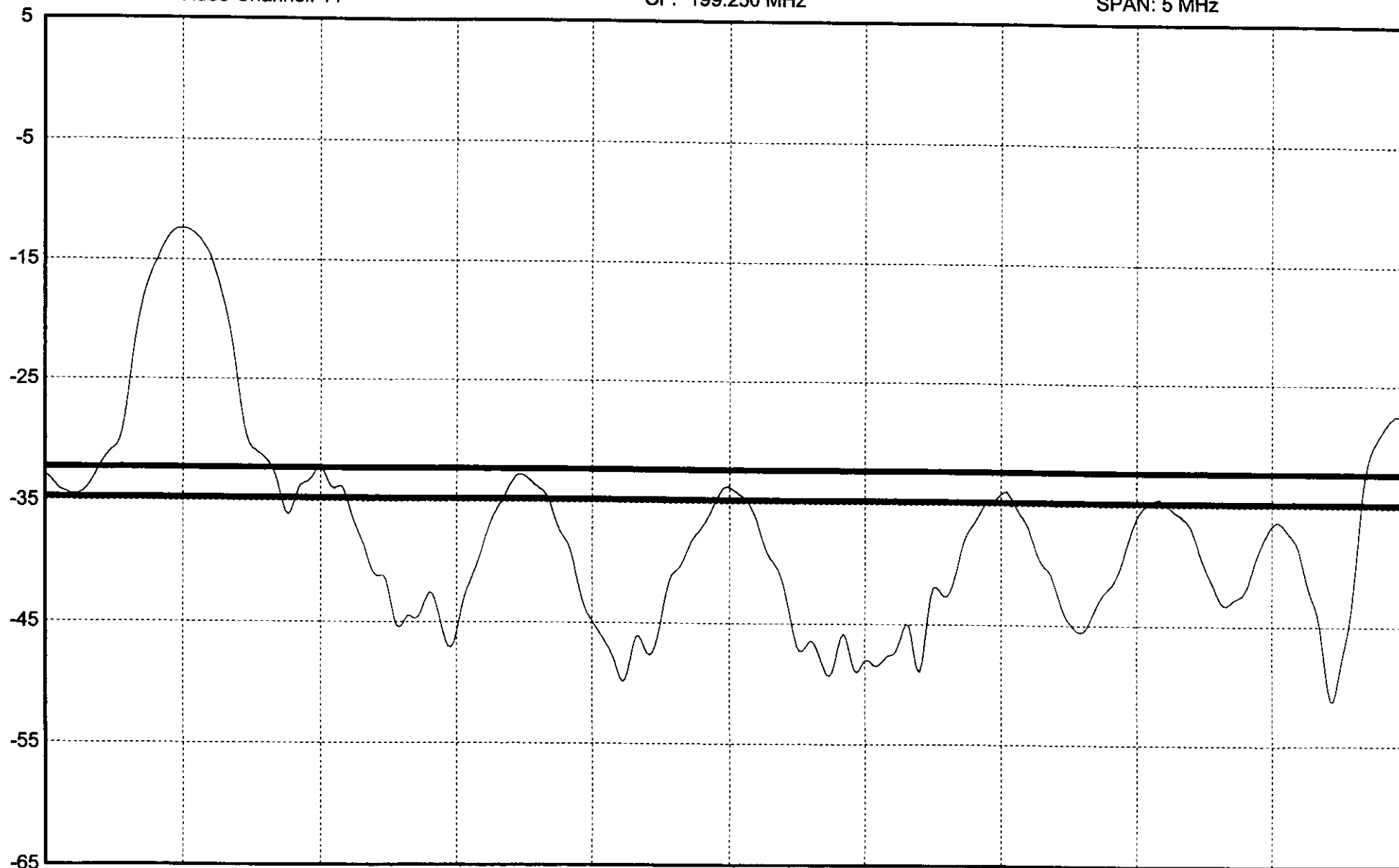
ATT: 5 dB

dBmV

Video Channel: 11

CF: 199.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.25 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] TEST of : SRTB

Site Id : TP03 Comments :

Date : February 18, 2009

Time : 10:55:47 AM

Mode : FR

Temp 54 F

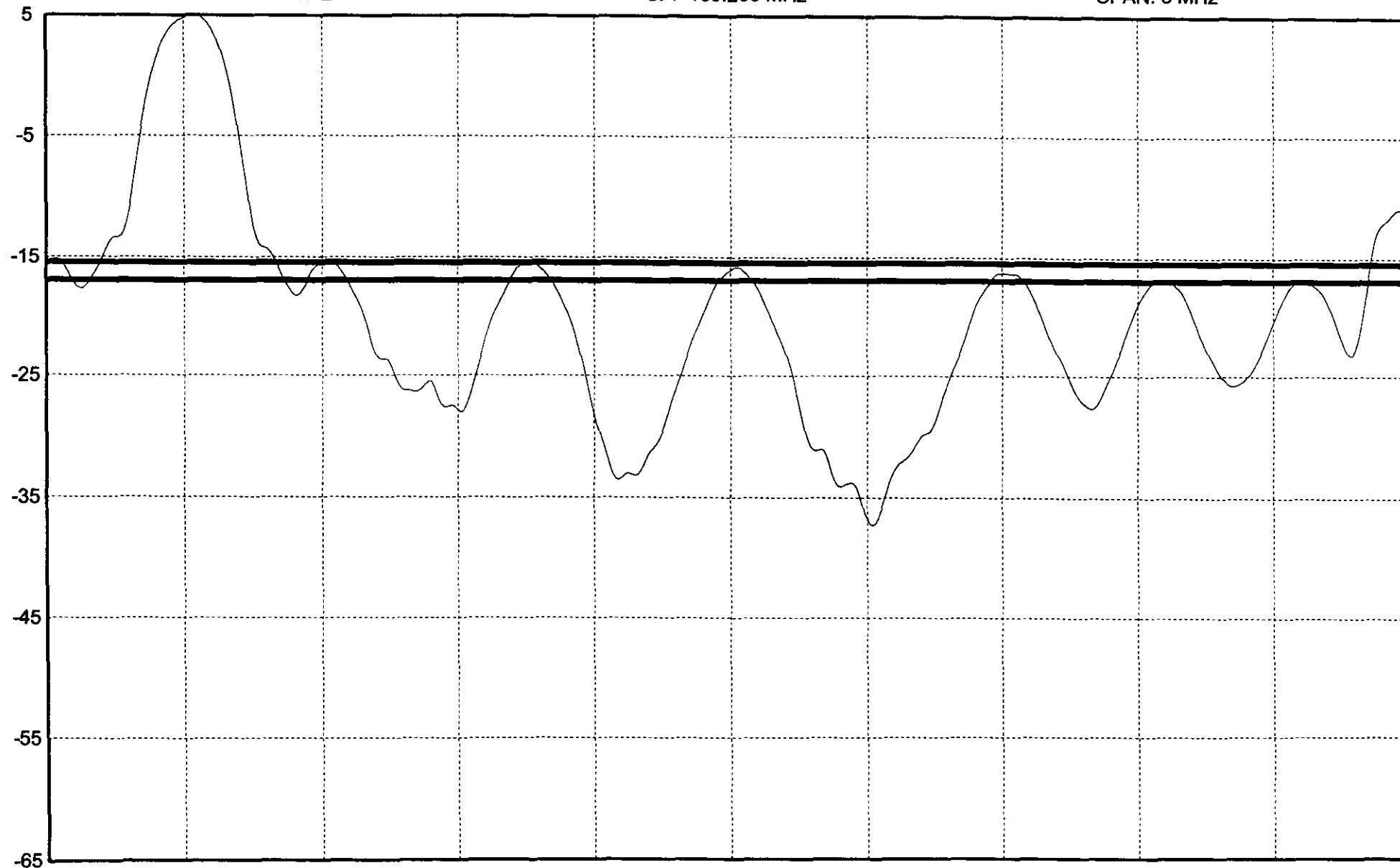
ATT: 5 dB

dBmV

Video Channel: 22

CF: 169.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.75 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP03 Comments :

Mode : FR

Date : February 18, 2009

Time : 10:56:27 AM

Temp 54 F

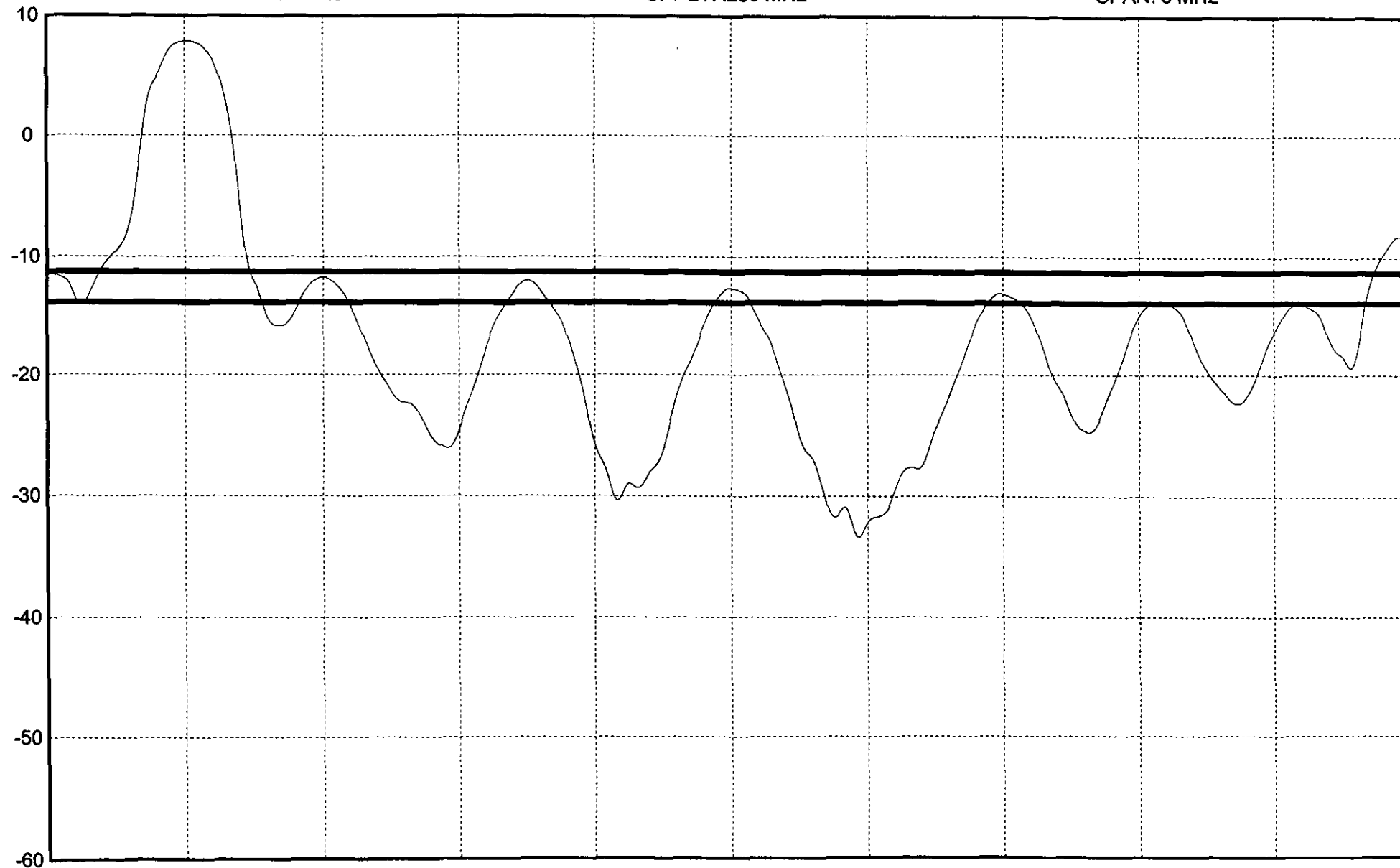
ATT: 10 dB

dBmV

Video Channel: 23

CF: 217.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.30 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP03

Comments :

Mode : FR

Date : February 18, 2009

Time : 10:57:10 AM

Temp 59 F

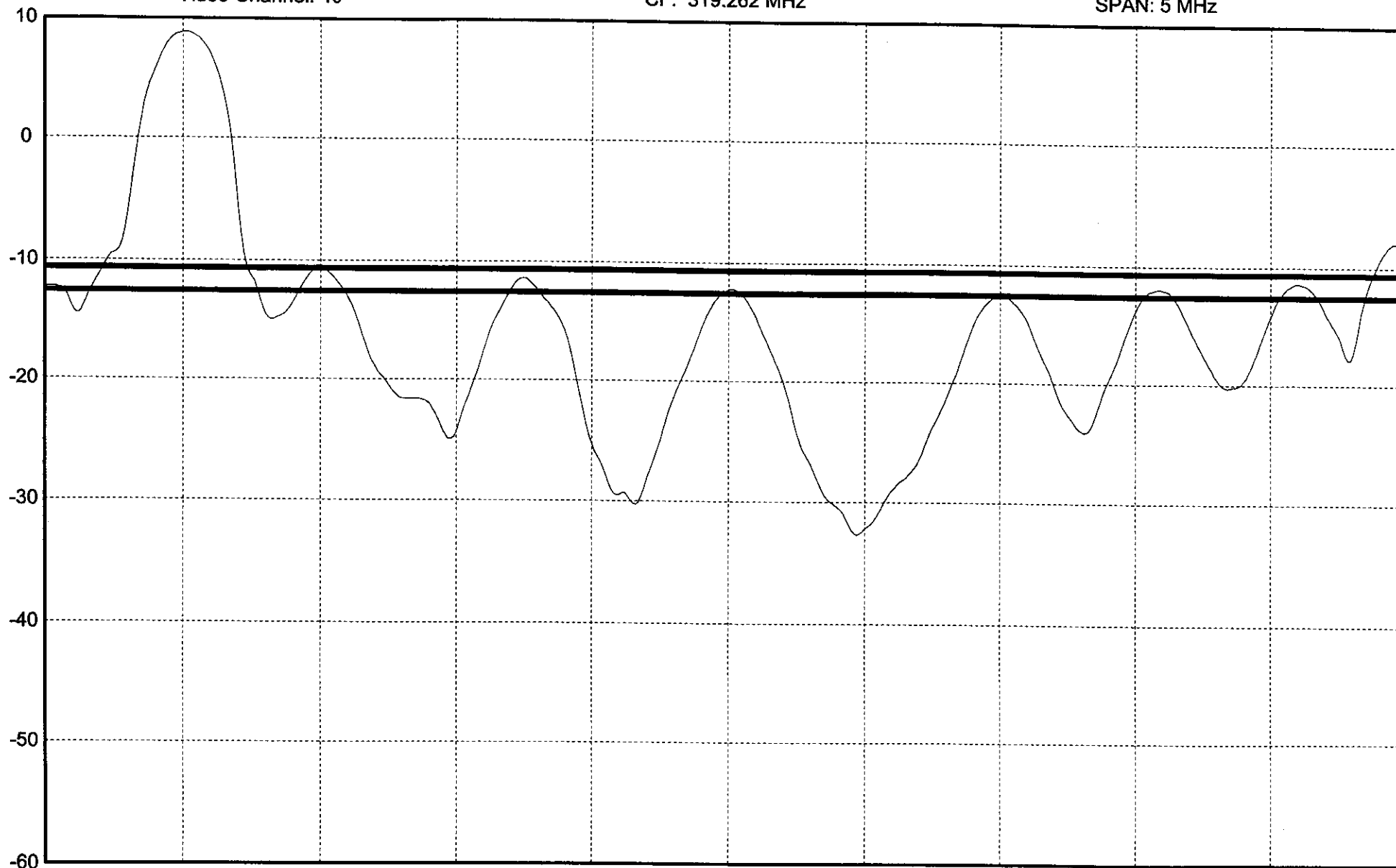
ATT: 10 dB

dBmV

Video Channel: 40

CF: 319.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.95 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] TEST of : SRTB

Site Id : TP03 Comments :

Mode : FR

Date : February 18, 2009

Time : 10:57:55 AM

Temp 55 F

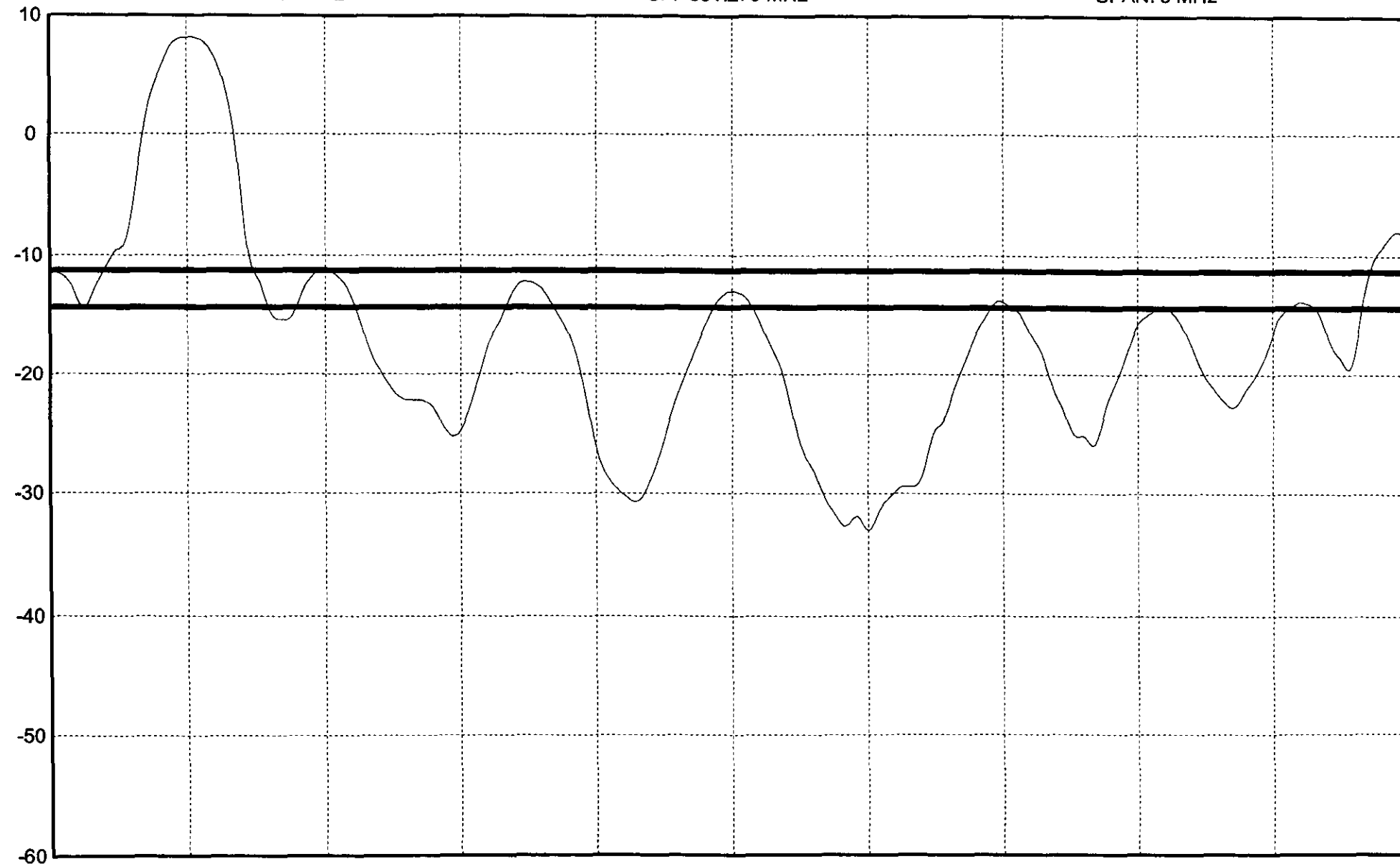
ATT: 10 dB

dBmV

Video Channel: 42

CF: 331.275 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.55 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] of : SRTB

Site Id : TP03 Comments :

Date : February 18, 2009

Time : 10:58:32 AM

Mode : FR

Temp 54 F

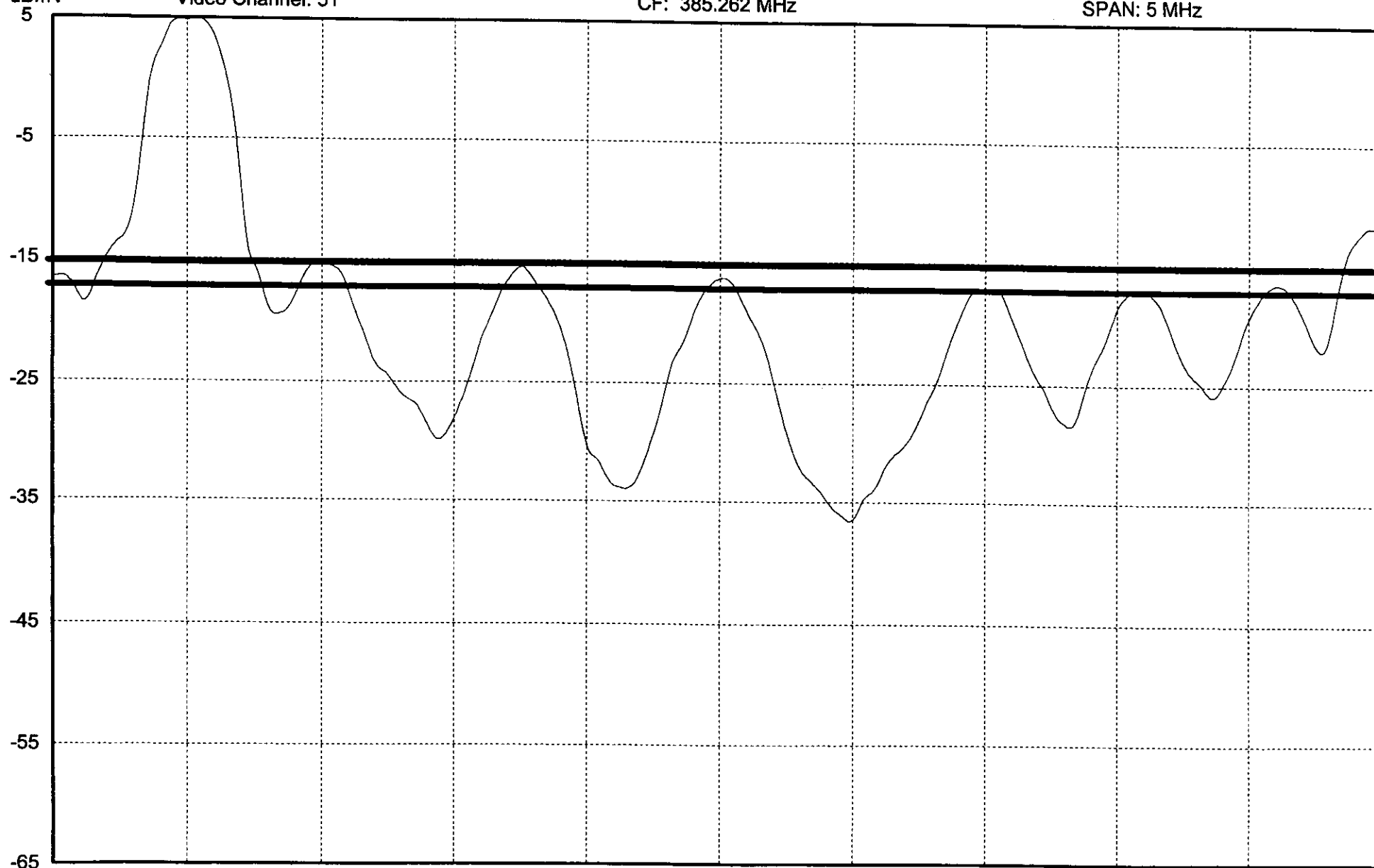
ATT: 5 dB

dBmV

Video Channel: 51

CF: 385.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.00 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] of : SRTB

Site Id : TP03

Comments :

Date : February 18, 2009

Time : 10:59:08 AM

Mode : FR

Temp 59 F

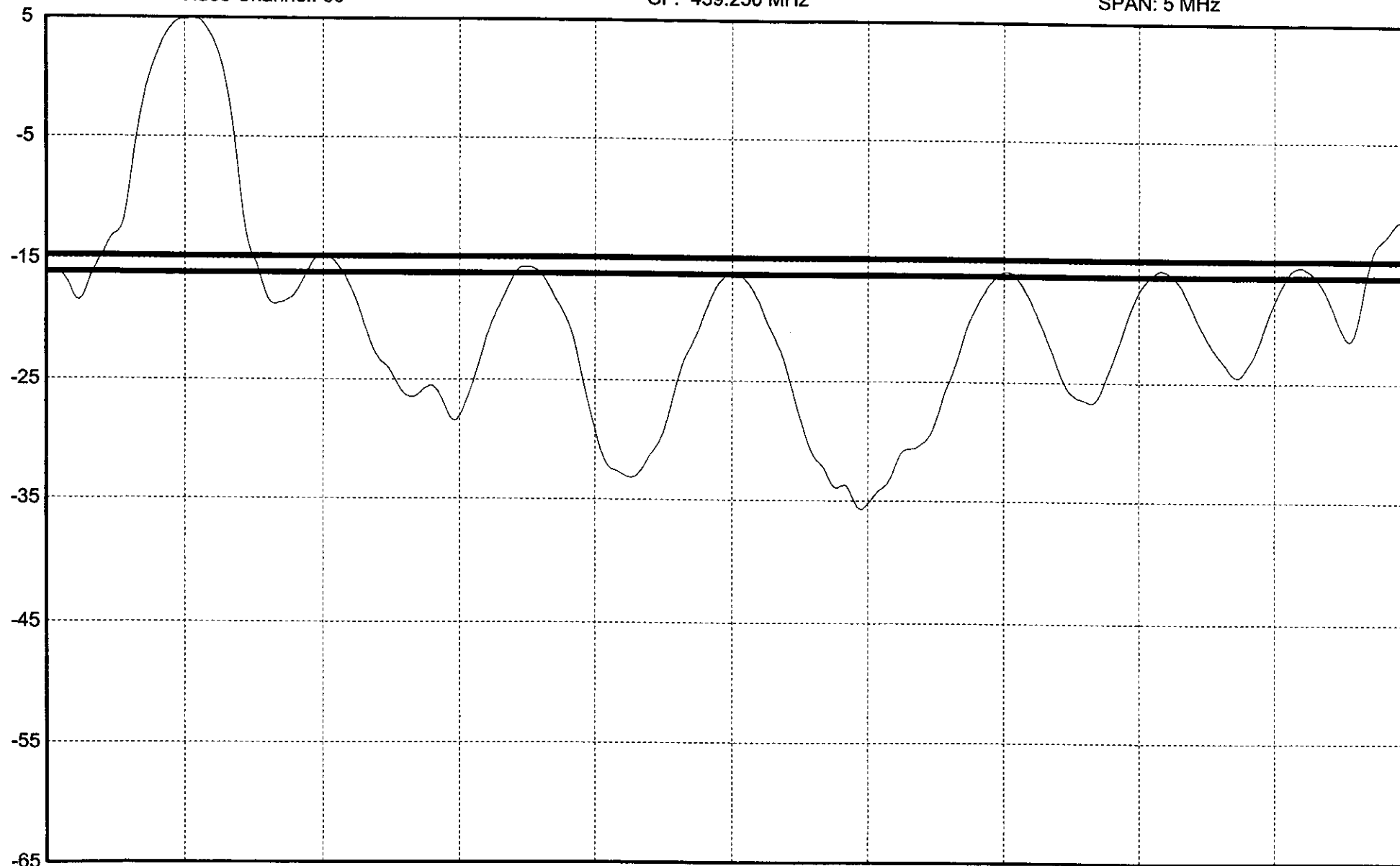
ATT: 5 dB

dBmV

Video Channel: 60

CF: 439.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.70 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : EST of : SRTB

Site Id : TP03 Comments :

Date : February 17, 2009

Time : 01:55:58 PM

Mode : FR

Temp 70 F

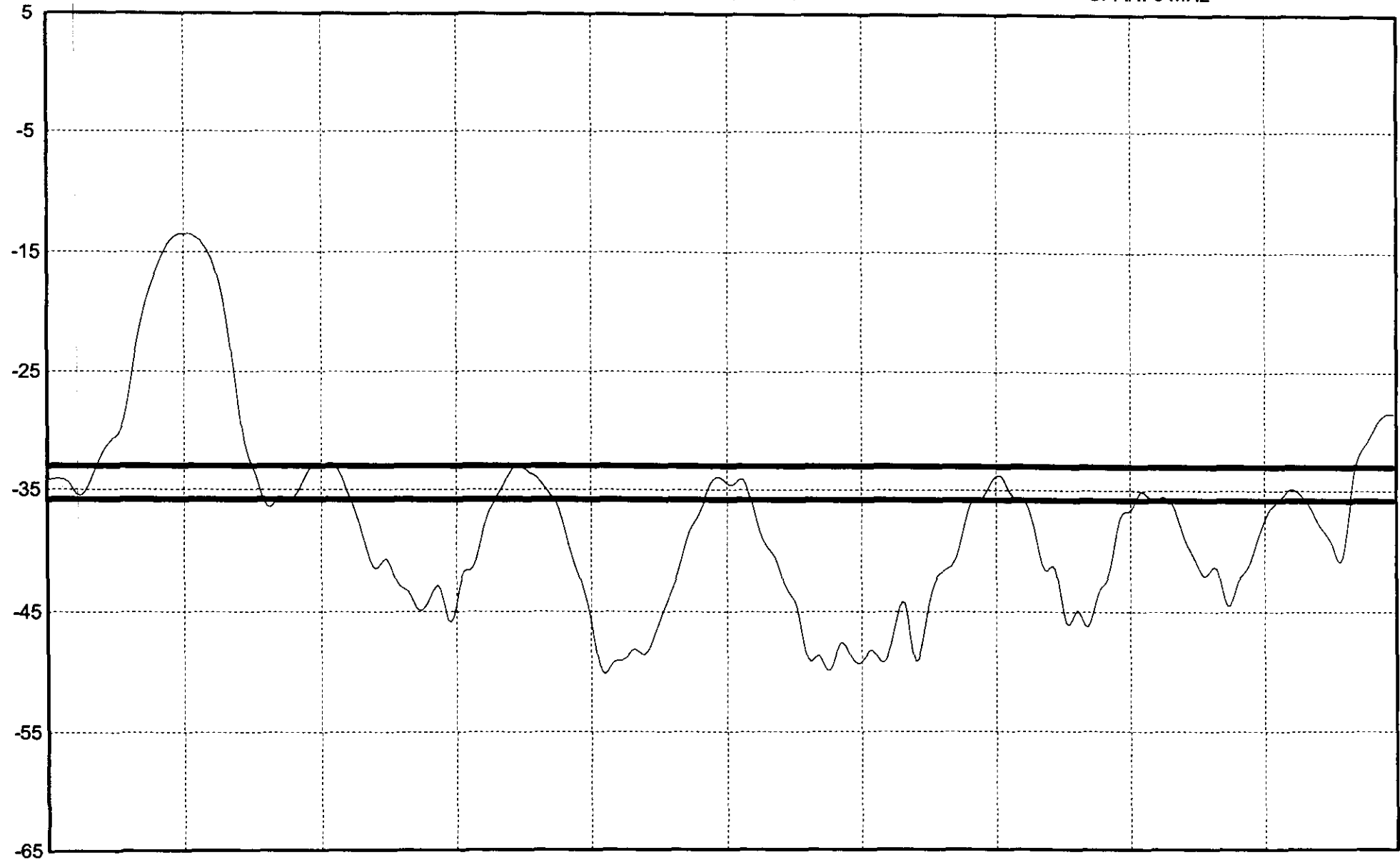
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.40 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Part 2A

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
4.5	12.8	8.3	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP03-Spl
 Comments
 Date 13-Feb-09
 Time 8:15:41 PM
 Temperature 11 C
 Location Michaels Road Hinsdale
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2B

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
0.8	9.4	8.6	PASS

MHz		MHz		MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop
55.25	4.5	2	2	55.46574	60.04093	1	1	-11 TV	PASS	PASS	PASS	PASS	PASS	PASS	>=3dB, <15dB
61.25	4.5	3	3	61.24999	65.74993	0.9	0.9	-11.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
67.25	4.5	4	4	67.25024	71.75015	0.8	0.8	-16 TV	PASS	PASS	PASS	PASS	PASS	PASS	
77.25	4.5	5	5	77.25056	81.75049	1.7	1.7	-13.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
83.25	4.5	6	6	83.24985	87.7497	2.1	2.1	-12.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
175.25	4.5	7	7	175.2454	179.74552	5.2	5.2	-8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
181.25	4.5	8	8	181.2496	185.74949	6.1	6.1	-10 TV	PASS	PASS	PASS	PASS	PASS	PASS	
187.25	4.5	9	9	187.2507	191.75065	6	6	-5.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
193.25	4.5	10	10	193.2505	197.75036	5	5	-11 TV	PASS	PASS	PASS	PASS	PASS	PASS	
199.25	4.5	11	11	199.2505	203.75031	4.6	4.6	-10 TV	PASS	PASS	PASS	PASS	PASS	PASS	
205.25	4.5	12	12	205.2505	209.75066	6.1	6.1	-8.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
211.25	4.5	13	13	211.2507	215.75073	7.3	7.3	-9.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
133.262	4.5	14	16	133.2627	137.76257	8	8	-6.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
151.25	4.5	15	19	151.3205	155.82065	2.9	2.9	-8.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
157.25	4.5	16	20	157.2502	161.75021	4	4	-11.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
163.25	4.5	17	21	163.2486	167.74847	4.3	4.3	-10.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
169.25	4.5	18	22	169.2635	173.76335	4.9	4.9	-10.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
217.25	4.5	19	23	217.2515	221.75157	7.5	7.5	-8.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
223.25	4.5	20	24	223.2497	227.74969	7.1	7.1	-9.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
229.262	4.5	21	25	229.2635	233.76367	6.6	6.6	-7.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
235.262	4.5	22	26	235.2629	239.7628	7.3	7.3	-5.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
241.262	4.5	23	27	241.2617	245.76163	5	5	-9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
247.262	4.5	24	28	247.262	251.76196	6.5	6.5	-8.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
253.262	4.5	25	29	253.2628	257.76319	8.5	8.5	-4.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
259.262	4.5	26	30	259.2601	263.76023	7.3	7.3	-6.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
265.262	4.5	27	31	265.2616	269.76159	8.4	8.4	-7.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
271.262	4.5	28	32	271.2632	275.76327	8.1	8.1	-7.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
277.262	4.5	29	33	277.2597	281.75972	8.6	8.6	-8.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
283.262	4.5	30	34	283.2635	287.76343	7.8	7.8	-6.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
289.262	4.5	31	35	289.2589	293.759	8.8	8.8	-7.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
295.262	4.5	32	36	295.2632	299.7631	8.9	8.9	-6.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
301.262	4.5	33	37	301.2636	305.7636	9.1	9.1	-6.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
307.262	4.5	34	38	307.2626	311.76251	9.4	9.4	-7.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
313.262	4.5	35	39	313.2638	317.76377	9.2	9.2	-6.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
319.262	4.5	36	40	319.2636	323.76377	8.8	8.8	-7.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
325.262	4.5	37	41	325.263	329.76298	8.6	8.6	-7.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
331.275	4.5	38	42	331.2751	335.77506	8.4	8.4	-7.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
337.262	4.5	39	43	337.2652	341.76516	8.4	8.4	-7.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
343.262	4.5	40	44	343.2633	347.76326	8.6	8.6	-7.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
349.262	4.5	41	45	349.2622	353.76242	8.7	8.7	-7.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
355.262	4.5	42	46	355.2618	359.76167	8.4	8.4	-7.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
361.262	4.5	43	47	361.2651	365.76505	8.4	8.4	-8.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
367.262	4.5	44	48	367.2624	371.7624	7.8	7.8	-8.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
373.262	4.5	45	49	373.2628	377.76279	7.5	7.5	-8.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
379.262	4.5	46	50	379.2638	383.76394	6	6	-10.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
385.262	4.5	47	51	385.2625	389.76235	5.4	5.4	-11 TV	PASS	PASS	PASS	PASS	PASS	PASS	
391.262	4.5	48	52	391.2623	395.76234	6	6	-10 TV	PASS	PASS	PASS	PASS	PASS	PASS	
397.262	4.5	49	53	397.262	401.76206	6.7	6.7	-8.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
403.25	4.5	50	54	403.2517	407.75167	5.5	5.5	-11.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
409.25	4.5	51	55	409.2514	413.75129	5.7	5.7	-9.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
415.25	4.5	52	56	415.2528	419.75226	6.5	6.5	-9.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
421.25	4.5	53	57	421.2518	425.75184	6.9	6.9	-9.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
427.25	4.5	54	58	427.2504	431.75036	6.4	6.4	-10.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
433.25	4.5	55	59	433.2511	437.75104	6.7	6.7	-7.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
439.25	4.5	56	60	439.2517	443.7517	5.3	5.3	-10.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
445.25	4.5	57	61	445.252	449.75223	5.2	5.2	-8.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
97.25	4.5	59	96	97.25035	101.75032	3.6	3.6	-10.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
103.25	4.5	60	97	103.2523	107.75236	3.8	3.8	-10.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: Michaels Rd Hinsdale Chatham, NY

Test Point #: TP 03

Date: 2/18/09 Time: 01:55 PM

Weather
Temperature: 25 F

Clear
Cloudy

Rain
Snow

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

Carrier / Coherent Beat Ratios						
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	44.7 db	0.6%			63.0 db	61.2 db
11	50.5 db				62.8 db	63.8 db
22	48.0 db				60.2 db	63.5 db
23	49.0 db				54.7 db	63.5 db
40	49.4 db				55.8 db	64.8 db
42	48.8 db				55.0 db	63.5 db
51	48.0 db				55.4 db	61.4 db
60	47.5 db				56.8 db	62.4 db

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 03

TEST POINT LOCATION: Michaels rd Hinsdale

TIME OF INITIAL READING: 3:52 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.9	22&23
2	2.6	19&20
3	2.7	22&23
4	3	22&23

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	8.3	5&38
2	5.8	19&38
3	9.3	3&38
4	9.3	3&38

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM

PSID NUMBER: 014169

Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart, the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP03-1
 Comments
 Date 13-Feb-09
 Time 3:52:20 AM
 Temperature 15 C
 Location Michaels Road Hinsdale
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
4.5	12.8	8.3	PASS

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop
55.25	4.5	2	55.33153	59.90754	5.1	-10.2 TV	PASS			>=3dB, <15dB
61.25	4.5	3	61.25	65.74995	4.9	-11 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	67.25026	71.75014	4.5	-11.3 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	77.2506	81.75049	4.5	-10.9 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	83.24985	87.74978	5.1	-9.7 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	175.2454	179.74554	8.4	-5.2 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	181.2497	185.74959	9.1	-7.1 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	187.2507	191.75063	9.4	-3.1 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	193.2505	197.75048	8.4	-8 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	199.2504	203.7503	8	-6.9 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	205.2505	209.75066	9.4	-5.2 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	211.2507	215.75082	10.7	-6 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	133.2627	137.76257	11.1	-3.7 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	151.3206	155.82062	5.9	-5.3 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	157.2503	161.75024	7.1	-8.8 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	163.2486	167.74875	7.3	-8.2 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	169.2635	173.76334	8.3	-7.3 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	217.2515	221.75145	11.2	-5 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	223.2498	227.74974	10.6	-5.8 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	229.2635	233.76372	9.9	-4.4 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	235.2629	239.76289	10.8	-2.4 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	241.2618	245.76171	8.5	-5.8 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	247.262	251.76197	10.1	-4.6 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	253.2629	257.76282	12	-1.7 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	259.2601	263.76019	11	-3.2 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	265.2616	269.76162	12	-3.9 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	271.2633	275.76322	12	-4.4 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	277.2598	281.75972	12.1	-4.6 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	283.2635	287.76344	11.8	-3.1 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	289.2589	293.75912	12.4	-1.1 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	295.2632	299.76309	12.5	-3.4 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	301.2637	305.7636	12.4	-2.8 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	307.2626	311.76253	12.8	-3.7 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	313.2638	317.7637	12.7	-3.5 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	319.2636	323.7638	12.3	-4.4 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	325.2631	329.76308	11.9	-4.3 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	331.2752	335.77524	11.8	-4.3 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	337.2653	341.76521	11.7	-4.4 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	343.2633	347.76326	11.9	-4.5 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	349.2623	353.76253	11.9	-4.3 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	355.2618	359.76174	11.5	-4.3 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	361.2652	365.76511	11.6	-5.2 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	367.2625	371.76245	11.1	-4.1 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	373.2629	377.76287	10.5	-6.4 TV	PASS	PASS	PASS	PASS
379.262	4.5	46	379.2639	383.76411	9.2	-7.5 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	385.2625	389.76242	8.6	-8.1 TV	PASS	PASS	PASS	PASS
391.262	4.5	48	391.2623	395.76228	9.2	-6.9 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	397.262	401.76197	10.2	-5.5 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	403.2517	407.75169	8.9	-7.9 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	409.2514	413.75133	9.1	-6.5 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	415.2523	419.75232	10	-5.9 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	421.2518	425.75185	10.4	-5.8 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	427.2505	431.75047	10.1	-6.3 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	433.2511	437.75113	10.5	-3.8 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	439.2517	443.7517	9.3	-6.9 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	445.2521	449.75228	9.5	-4.8 TV	PASS	PASS	PASS	PASS
97.25	4.5	58	97.25036	101.75029	6.9	-7.4 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	103.2523	107.75235	7	-7.2 TV	PASS	PASS	PASS	PASS

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP03-2
 Comments
 Date 13-Feb-09
 Time 9:55:58 AM
 Temperature 15 C
 Location Michaels Road Hinsdale
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.8	13.6	5.8	PASS

Video Freq Audio Freq Video Amp Audio Amp Type

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	55.25033	59.75012	11.7	-1.5 TV	PASS		PASS	PASS
61.25	4.5	3	61.24999	65.74995	12.1	0.6 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	67.25025	71.75016	11.9	-4.4 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	77.25056	81.7505	12	-4.2 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	83.24985	87.74982	11	-4.4 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	175.2454	179.74557	10.1	-5.5 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	181.2496	185.74954	8.2	-8 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	187.2507	191.75069	8.8	-3 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	193.2505	197.75027	8.3	-7.1 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	199.2504	203.75034	8.6	-6.1 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	205.2505	209.75068	9.9	-5.6 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	211.2507	215.75082	10.8	-5.7 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	133.2627	137.76259	11.7	-3 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	151.3206	155.82062	7.8	-3.3 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	157.2503	161.75012	10.4	-4.6 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	163.2486	167.74855	11.8	-4.6 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	169.2635	173.76339	11.5	-5.4 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	217.2515	221.75142	12.1	-3.9 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	223.2498	227.74972	11.7	-4.5 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	229.2635	233.76381	10.8	-3 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	235.2629	239.76281	11.8	-2.1 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	241.2618	245.76169	9.4	-5.2 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	247.2621	251.76197	10.6	-3.9 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	253.2628	257.76282	12.7	-0.7 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	259.2601	263.76027	12	-2.3 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	265.2616	269.76155	12.7	-4 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	271.2632	275.76325	10.7	-5.2 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	277.2598	281.75974	10.9	-5.8 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	283.2635	287.76348	10.6	-3.5 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	289.259	293.75902	11.8	-5.1 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	295.2632	299.76317	12.5	-2.2 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	301.2637	305.76366	13.4	-1.9 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	307.2626	311.76261	13.6	-3.1 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	313.2638	317.76377	12.6	-3.7 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	319.2636	323.76379	12.1	-4.6 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	325.263	329.76296	10.7	-5.2 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	331.2752	335.77506	11.4	-5.4 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	337.2653	341.7652	11.1	-4.6 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	343.2633	347.76329	12.1	-4.4 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	349.2623	353.76246	12.5	-3 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	355.2618	359.76169	13.5	-2.8 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	361.2651	365.76509	12.3	-4.3 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	367.2625	371.76241	11.9	-5 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	373.2629	377.76282	10.5	-6.5 TV	PASS	PASS	PASS	PASS
379.262	4.5	46	379.2639	383.76405	10.1	-6.5 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	385.2625	389.76244	8.6	-6.8 TV	PASS	PASS	PASS	PASS
391.292	4.5	48	391.2623	395.76226	9.7	-7.1 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	397.262	401.76198	9.9	-4.7 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	403.2517	407.75164	9.4	-7.1 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	409.2514	413.75139	10.1	-4.6 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	415.2522	419.75227	11.4	-5 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	421.2519	425.75183	9.6	-6.9 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	427.2505	431.7504	8.4	-6.9 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	433.2511	437.75105	11	-3.5 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	439.2517	443.75167	9.7	-5.9 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	445.252	449.75224	10.3	-4.6 TV	PASS	PASS	PASS	PASS
97.25	4.5	59	97.25035	101.75031	10.6	-4.8 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	103.2523	107.75236	9.8	-5 TV	PASS	PASS	PASS	PASS

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
3.2	12.5	9.3	PASS

At end of 100'

MHz		MHz		MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	drop	
55.25	4.5	2	2	55.41201	60.00734	4.1	-10.3 TV	PASS	PASS	PASS	>=3dB, <15dB
61.25	4.5	3	3	61.25001	65.74997	3.2	-7.4 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.25028	71.75015	3.3	-12.3 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25059	81.7505	5.5	-10 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.74979	5.9	-9 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2455	179.7456	8.6	-4.8 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2496	185.74954	9.5	-6.8 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2507	191.75064	9.5	-2.8 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.7504	8.4	-7.9 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.7503	8.2	-6.9 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75068	9.4	-5.2 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75079	10.8	-5.5 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2626	137.76268	11.6	-3.2 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82062	6.3	-4.8 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75019	7.4	-8.5 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74838	7.7	-7.8 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76337	8.4	-7.1 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75145	11.1	-5 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74971	10.6	-5.8 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2635	233.76372	10	-4.4 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2629	239.76291	10.8	-2.7 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2617	245.76169	8.5	-5.8 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.2619	251.76183	10.1	-4.7 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2629	257.76288	12	-1.3 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2603	263.76046	10.9	-3.3 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76156	11.7	-4.1 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2632	275.76324	11.7	-4.6 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75973	11.8	-5 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76338	11.3	-3.1 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75917	11.9	-4.6 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76316	12.2	-3.7 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76358	12	-3.4 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76253	12.5	-4.1 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76372	12.2	-3.8 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76379	11.9	-5 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.263	329.76296	11.4	-4.8 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2751	335.77512	11.2	-4.9 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2652	341.76514	11.2	-5 TV	PASS	PASS	PASS	PASS
343.262	4.5	40									

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP03-4
 Comments
 Date 13-Feb-09
 Time 8:14:16 PM
 Temperature 12 C
 Location Michaels Road Hinsdale
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	Diff	Grade
3.4	12.7	9.3	PASS

MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop
MHz	MHz	MHz	MHz	dBmV	dBmV	dBmV	dBmV				
55.25	4.5	2	55.38677	59.99076	3.9	-7.9 TV		PASS	PASS	PASS	>=3dB, <15dB
61.25	4.5	3	61.24999	65.74995	3.4	-8 TV		PASS	PASS	PASS	PASS
67.25	4.5	4	67.25024	71.75009	3.5	-12.7 TV		PASS	PASS	PASS	PASS
77.25	4.5	5	77.25056	81.75051	5	-10.4 TV		PASS	PASS	PASS	PASS
83.25	4.5	6	83.24984	87.74972	5.4	-9.4 TV		PASS	PASS	PASS	PASS
175.25	4.5	7	175.2454	179.74558	8.5	-4.8 TV		PASS	PASS	PASS	PASS
181.25	4.5	8	181.2496	185.74954	9.5	-6.7 TV		PASS	PASS	PASS	PASS
187.25	4.5	9	187.2507	191.75063	9.5	-2.8 TV		PASS	PASS	PASS	PASS
193.25	4.5	10	193.2505	197.75037	8.4	-7.8 TV		PASS	PASS	PASS	PASS
199.25	4.5	11	199.2504	203.75029	8.1	-6.8 TV		PASS	PASS	PASS	PASS
205.25	4.5	12	205.2504	209.75066	9.5	-5.1 TV		PASS	PASS	PASS	PASS
211.25	4.5	13	211.2507	215.75068	10.9	-6.1 TV		PASS	PASS	PASS	PASS
133.262	4.5	14	133.2627	137.76256	11.4	-3.5 TV		PASS	PASS	PASS	PASS
151.25	4.5	15	151.3205	155.82048	6.3	-5.2 TV		PASS	PASS	PASS	PASS
157.25	4.5	16	157.2503	161.75024	7.3	-8.5 TV		PASS	PASS	PASS	PASS
163.25	4.5	17	163.2486	167.74857	7.5	-7.6 TV		PASS	PASS	PASS	PASS
169.25	4.5	18	169.2635	173.76332	8.2	-7.2 TV		PASS	PASS	PASS	PASS
217.25	4.5	19	217.2515	221.75144	11.2	-5 TV		PASS	PASS	PASS	PASS
223.25	4.5	20	223.2497	227.74971	10.6	-5.8 TV		PASS	PASS	PASS	PASS
229.262	4.5	21	229.2635	233.76371	10.1	-4.3 TV		PASS	PASS	PASS	PASS
235.262	4.5	22	235.2629	239.76283	10.8	-2.3 TV		PASS	PASS	PASS	PASS
241.262	4.5	23	241.2617	245.76157	8.6	-5.6 TV		PASS	PASS	PASS	PASS
247.262	4.5	24	247.262	251.76195	10.1	-4.6 TV		PASS	PASS	PASS	PASS
253.262	4.5	25	253.2628	257.7627	12.2	-1.3 TV		PASS	PASS	PASS	PASS
259.262	4.5	26	259.2601	263.76024	11	-3 TV		PASS	PASS	PASS	PASS
265.262	4.5	27	265.2616	269.76157	11.9	-3.9 TV		PASS	PASS	PASS	PASS
271.262	4.5	28	271.2632	275.7632	11.9	-4.3 TV		PASS	PASS	PASS	PASS
277.262	4.5	29	277.2597	281.75968	11.9	-4.9 TV		PASS	PASS	PASS	PASS
283.262	4.5	30	283.2635	287.76349	11.5	-3.2 TV		PASS	PASS	PASS	PASS
289.262	4.5	31	289.2589	293.75912	12.1	-4.3 TV		PASS	PASS	PASS	PASS
295.262	4.5	32	295.2632	299.76312	12.4	-3.6 TV		PASS	PASS	PASS	PASS
301.262	4.5	33	301.2637	305.76361	12.3	-3 TV		PASS	PASS	PASS	PASS
307.262	4.5	34	307.2626	311.76249	12.7	-3.9 TV		PASS	PASS	PASS	PASS
313.262	4.5	35	313.2638	317.76377	12.5	-3.5 TV		PASS	PASS	PASS	PASS
319.262	4.5	36	319.2636	323.76388	12.3	-3.8 TV		PASS	PASS	PASS	PASS
325.262	4.5	37	325.263	329.76293	11.8	-4.3 TV		PASS	PASS	PASS	PASS
331.275	4.5	38	331.2751	335.77499	11.5	-4.4 TV		PASS	PASS	PASS	PASS
337.262	4.5	39	337.2652	341.76515	11.5	-4.7 TV		PASS	PASS	PASS	PASS
343.262	4.5	40	343.2633	347.76335	11.7	-4.7 TV		PASS	PASS	PASS	PASS
349.262	4.5	41	349.2622	353.7624	11.7	-4.8 TV		PASS	PASS	PASS	PASS
355.262	4.5	42	355.2618	359.7617	11.4	-4.8 TV		PASS	PASS	PASS	PASS
361.262	4.5	43	361.2651	365.76501	11.2	-5.4 TV		PASS	PASS	PASS	PASS
367.262	4.5	44	367.2624	371.76233	10.8	-5.5 TV		PASS	PASS	PASS	PASS
373.262	4.5	45	373.2628	377.7628	10.5	-5.9 TV		PASS	PASS	PASS	PASS
379.262	4.5	46	379.2638	383.764	8.9	-7.6 TV		PASS	PASS	PASS	PASS
385.262	4.5	47	385.2625	389.76238	8.3	-8.2 TV		PASS	PASS	PASS	PASS
391.262	4.5	48	391.2623	395.76233	9	-7.1 TV		PASS	PASS	PASS	PASS
397.262	4.5	49	397.262	401.76195	9.9	-5.8 TV		PASS	PASS	PASS	PASS
403.25	4.5	50	403.2517	407.75166	8.5	-8.2 TV		PASS	PASS	PASS	PASS
409.25	4.5	51	409.2514	413.75123	8.9	-6.8 TV		PASS	PASS	PASS	PASS
415.25	4.5	52	415.2522	419.75226	9.6	-6.2 TV		PASS	PASS	PASS	PASS
421.25	4.5	53	421.2518	425.75182	10.1	-6.1 TV		PASS	PASS	PASS	PASS
427.25	4.5	54	427.2504	431.75037	9.7	-6.9 TV		PASS	PASS	PASS	PASS
433.25	4.5	55	433.2511	437.75106	10	-4.5 TV		PASS	PASS	PASS	PASS
439.25	4.5	56	439.2517	443.75165	8.6	-7.6 TV		PASS	PASS	PASS	PASS
445.25	4.5	57	445.252	449.75222	8.8	-5.4 TV		PASS	PASS	PASS	PASS
97.25	4.5	59	97.25034	101.75028	7.1	-7 TV		PASS	PASS	PASS	PASS
103.25	4.5	60	103.2523	107.75233	7.3	-6.9 TV		PASS	PASS	PASS	PASS

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #: 014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest
signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham PSID #: 014169 Technician : Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: State Rd Lanesboro Weather Clear Rain
Cloudy Snow
 Test Point #: TP04 Date: 2-13-09 Time: 4:15 AM Temperature 15 f

[illegible]

HEADEND: Chatham

PSID #: 014169

TECHNICIAN: Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Rain

Test Point Location: State Rd Lanesboro Weather Cloudy

Test Point #: TP04 Date: 2/13/09 Time: 4:15 AM Temperature 15f

[illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	MPX Subcarrier Offset: 100 kHz (To Accommodate All Channels)
PSID Number: 014169	Level: 0 dB (To Be Determined)
Technician: Dan Carrasquillo	PS-Instructions: 1)

Test Point # TP-04**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 11
Scale: 2.00/0.0
Measured Response: 1.05
Date/Time: 02/17/09 02:31

PLACE PICTURE

HERE

Channel: 22
Scale: 0.00/0.0
Measured Response: 1.20
Date/Time: 02/18/09 01:17

PLACE PICTURE

HERE

Channel: 23
Scale: 0.00/0.0
Measured Response: 1.00
Date/Time: 02/18/09 01:18

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	At the Signal Quality Measurement Page, the Assignment of all Pictures
PSID Number: 014169	Include One Picture per Channel Tested
Technician: Dan Carrasquillo	(See Instructions)

Test Point # TP-04**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 40
Scale: 
Measured Response: 0.75
Date/Time: 02/18/09 01:19

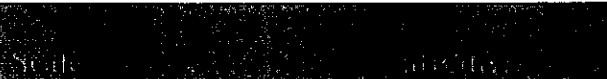
PLACE PICTURE

HERE

Channel: 42
Scale: 
Measured Response: 1.40
Date/Time: 02/18/09 01:20

PLACE PICTURE

HERE

Channel: 51
Scale: 
Measured Response: 1.05
Date/Time: 02/18/09 01:20

Signal Quality Measurements - PART 1 (Form 4)**Headend: Chatham****PSID Number: 014169****Technician: Dan Carrasquillo**

Make Sure the Cable of This Piggy Back Adapter is Not Connected to Any Other Device

Insert the Piggy Back Adapter into the Piggy Back Port

Press the Piggy Back Port Button

Test Point # TP-04**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 60

Scan

200/100

Measured Response: 0.85**Date/Time: 02/18/09 01:21**

PLACE PICTURE

HERE

Channel: 96

Scan

200/100

Measured Response: 1.75**Date/Time: 02/17/09 02:33**

PLACE PICTURE

HERE

Channel:

Scan

200/100

Measured Response:**Date/Time:**

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Mode : FR

Date : February 17, 2009

Time : 02:31:55 PM

Temp 70 F

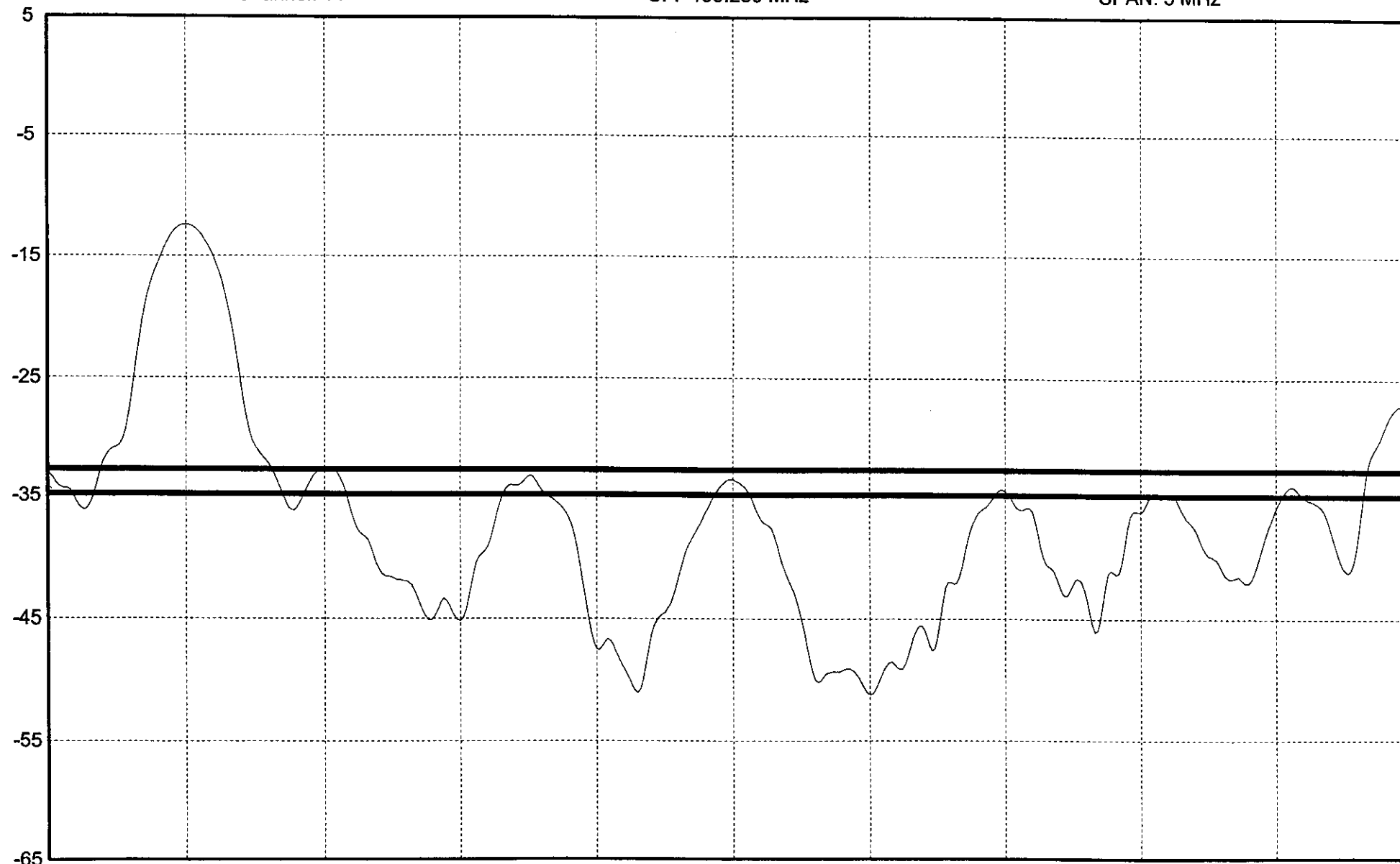
ATT: 5 dB

dBmV

Video Channel: 11

CF: 199.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.05 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Mode : FR

Date : February 18, 2009

Time : 01:17:32 PM

Temp 50 F

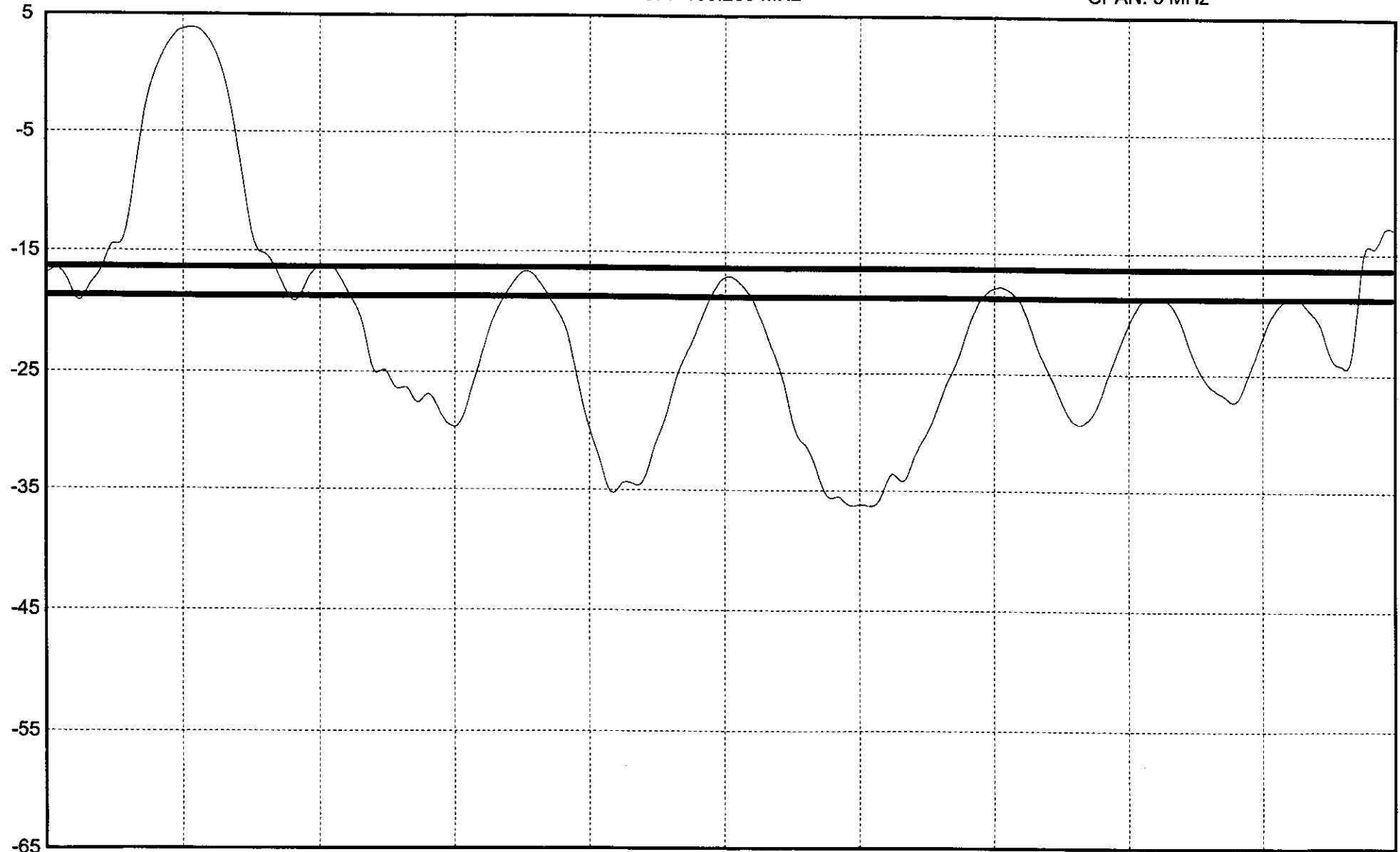
ATT: 5 dB

dBmV

Video Channel: 22

CF: 169.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.20 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Mode : FR

Date : February 18, 2009

Time : 01:18:31 PM

Temp 50 F

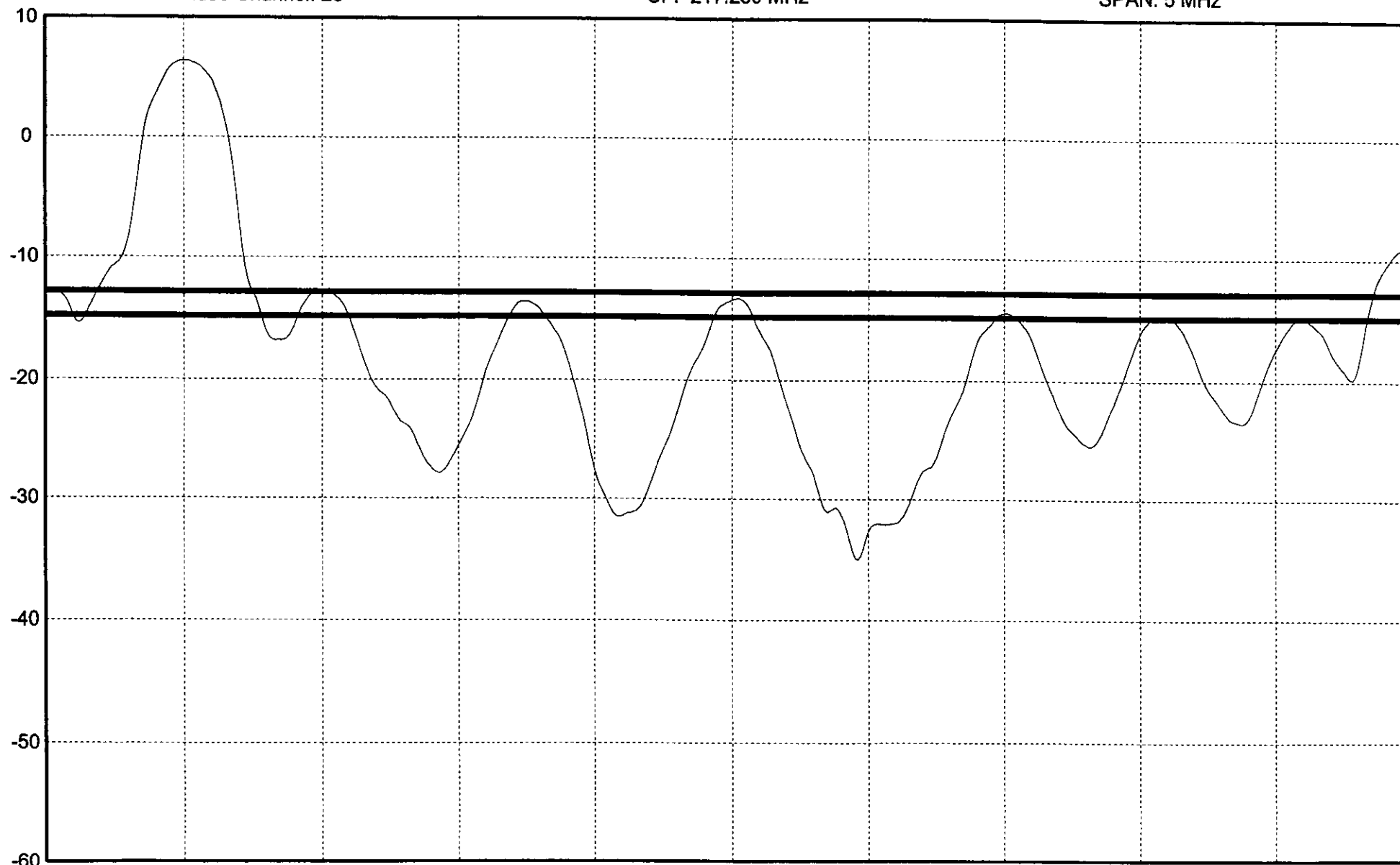
ATT: 10 dB

dBmV

Video Channel: 23

CF: 217.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.00 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Mode : FR

Date : February 18, 2009

Time : 01:19:18 PM

Temp 50 F

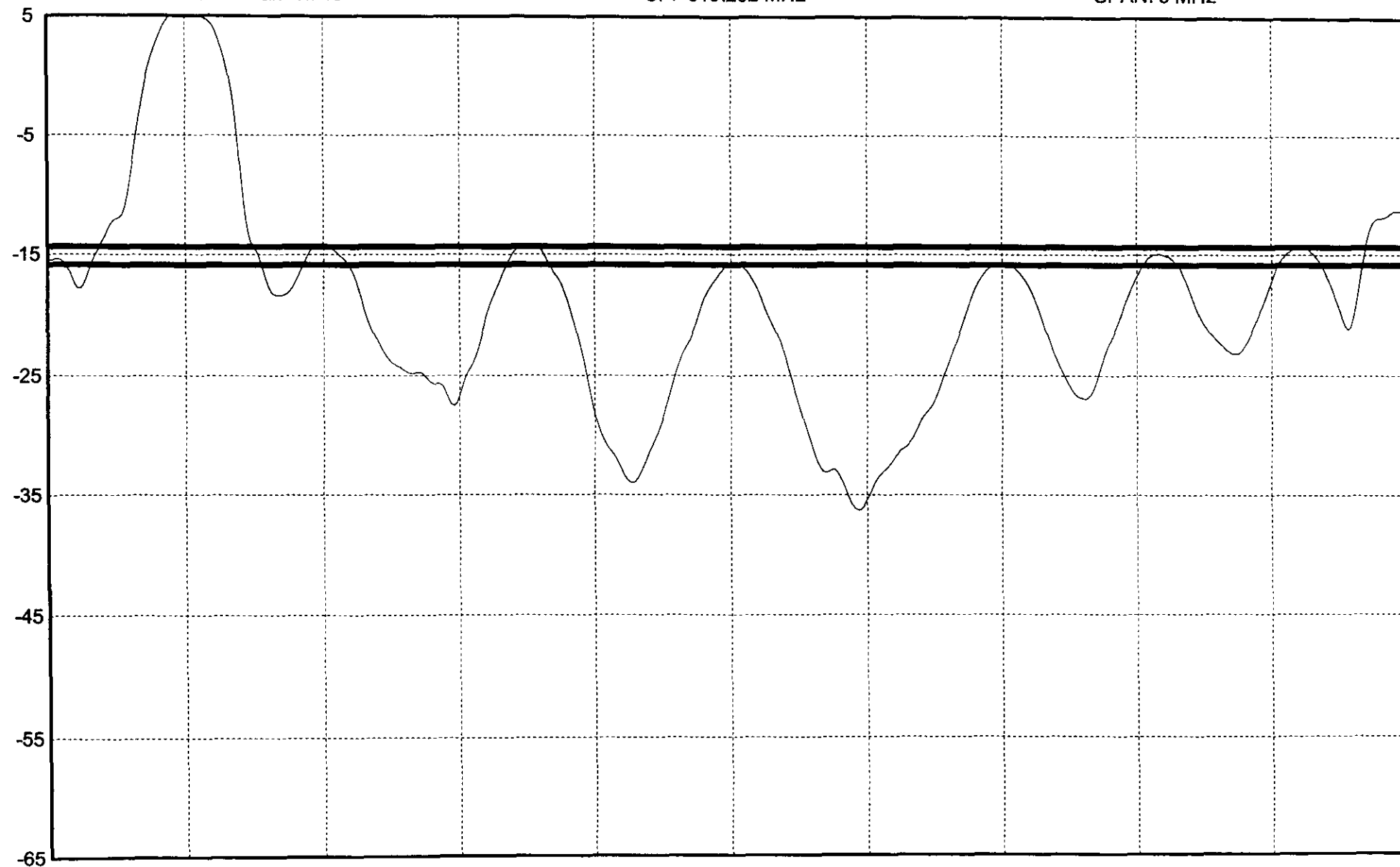
ATT: 5 dB

dBmV

Video Channel: 40

CF: 319.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.75 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Mode : FR

Date : February 18, 2009

Time : 01:20:14 PM

Temp 50 F

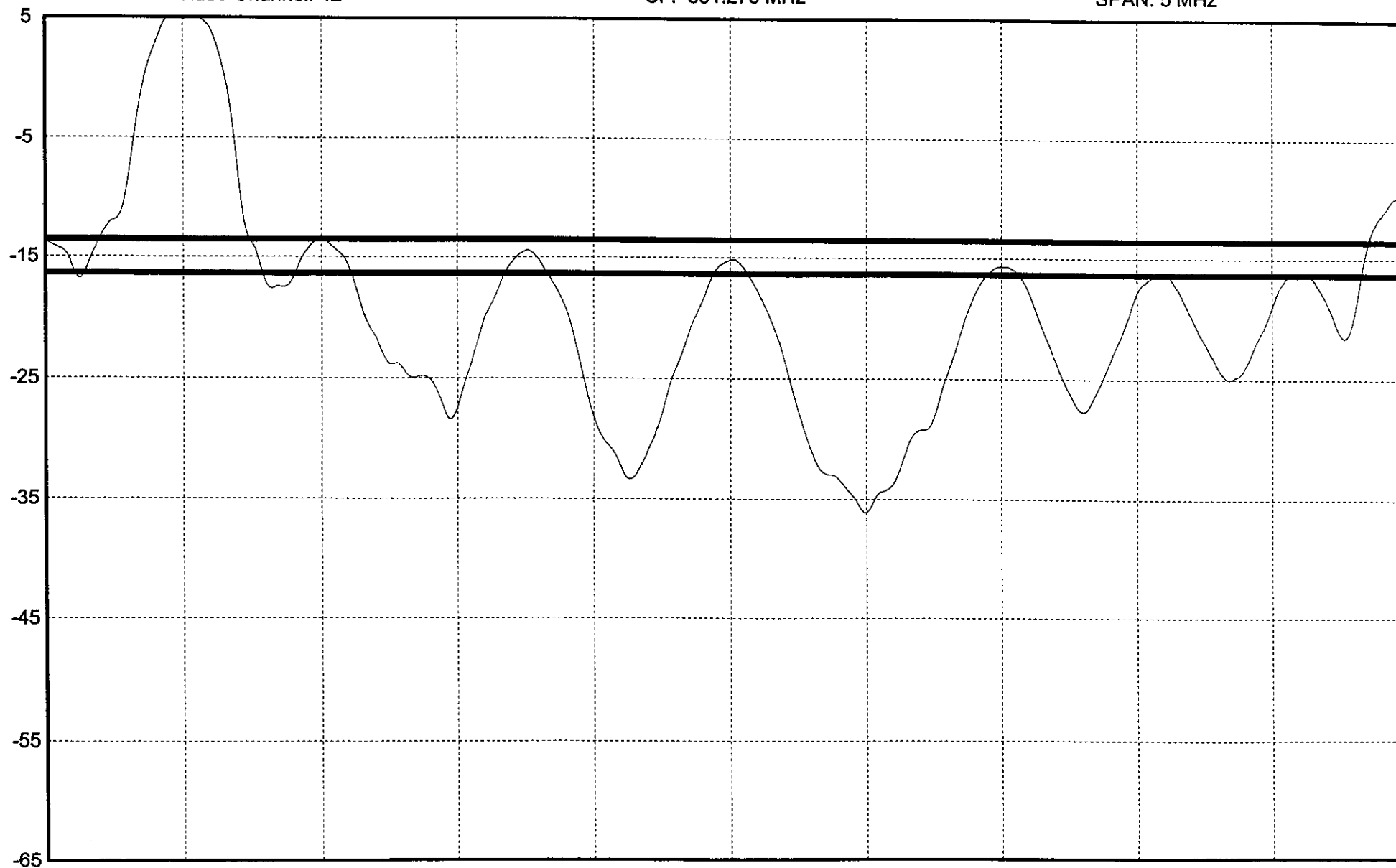
ATT: 5 dB

dBmV

Video Channel: 42

CF: 331.275 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.40 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] of : SRTB

Site Id : TP04 Comments :

Date : February 18, 2009

Time : 01:20:55 PM

Mode : FR
Temp 50 F

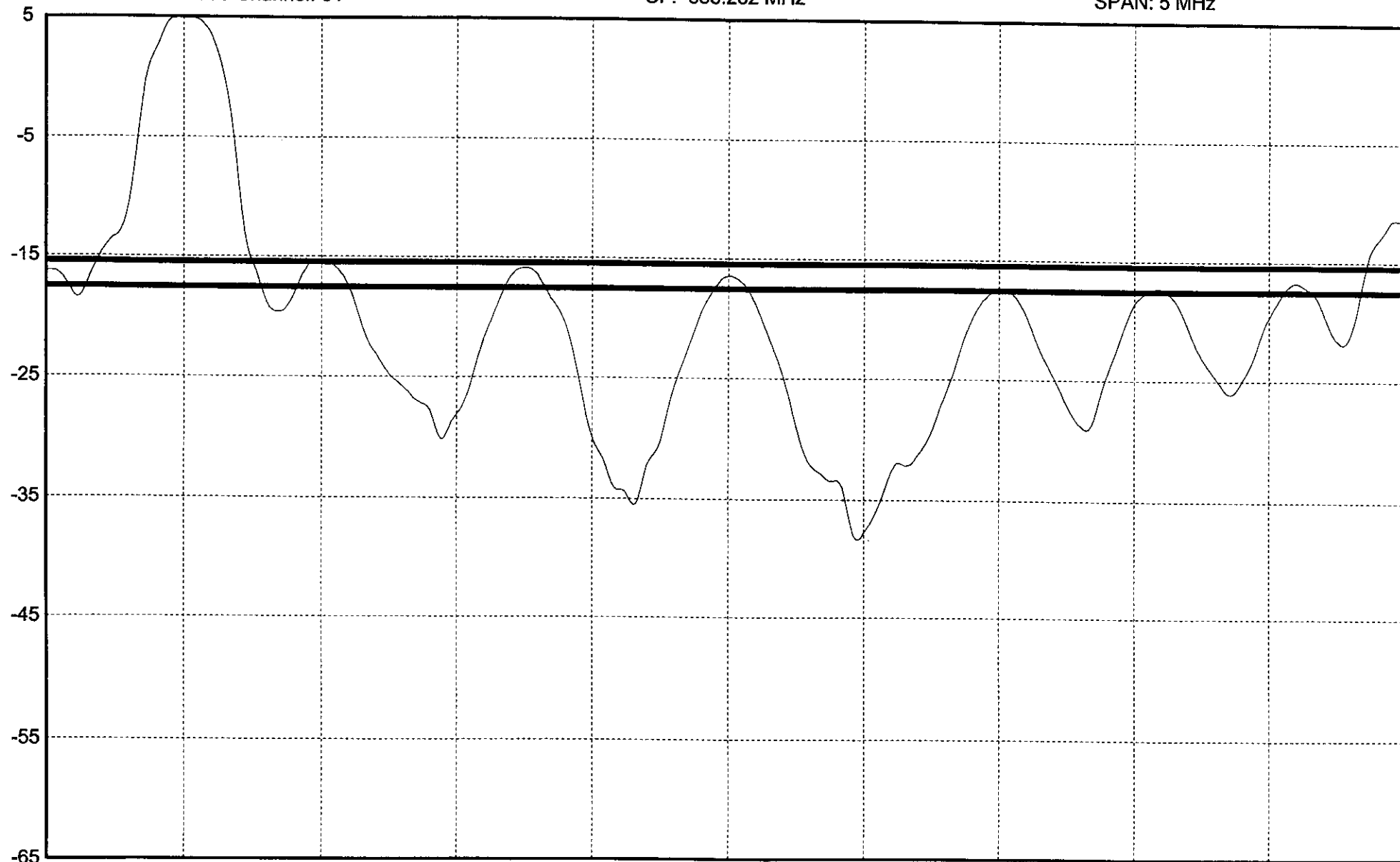
ATT: 5 dB

dBmV

Video Channel: 51

CF: 385.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.05 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Mode : FR

Date : February 18, 2009

Time : 01:21:40 PM

Temp 50 F

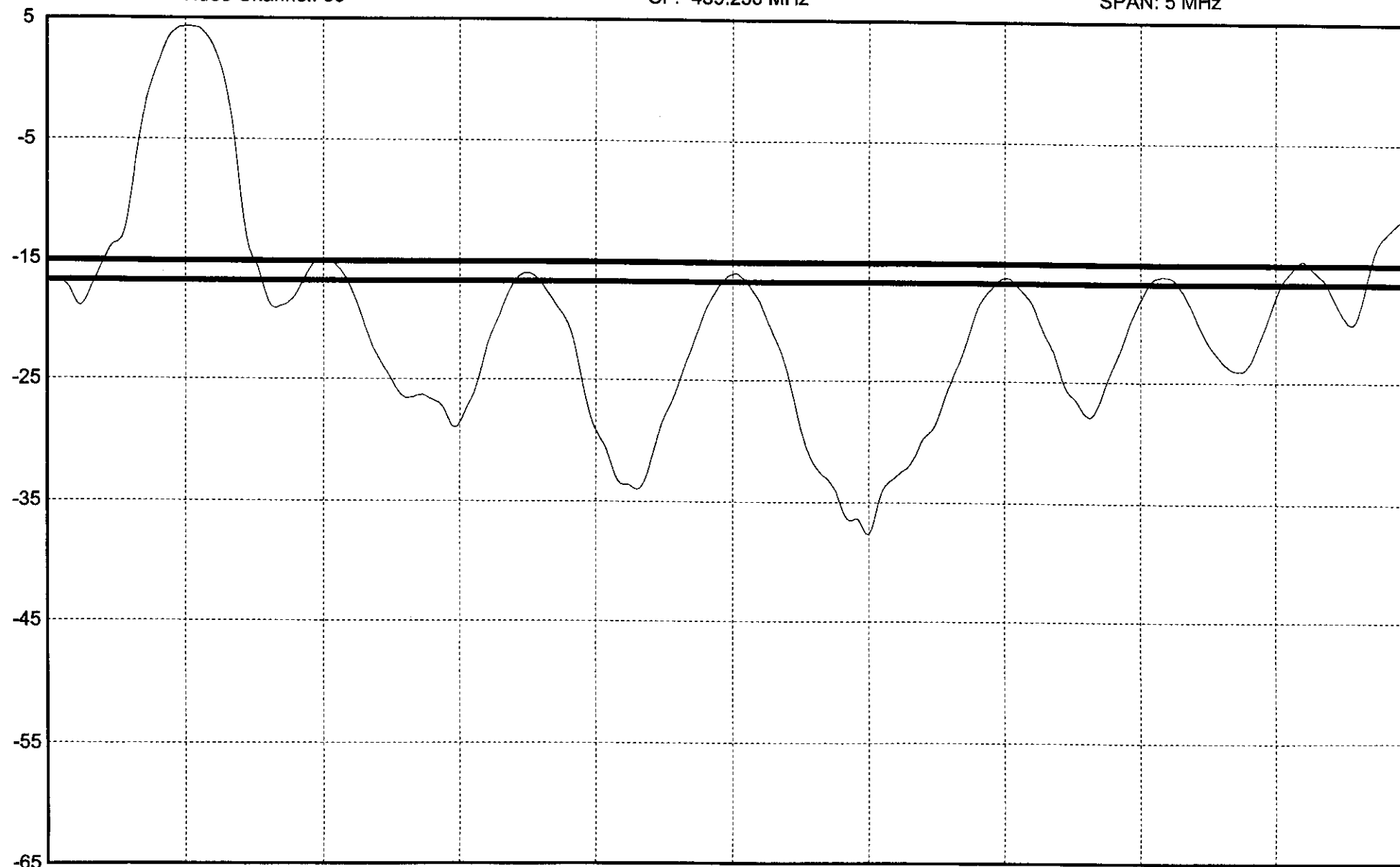
ATT: 5 dB

dBmV

Video Channel: 60

CF: 439.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.85 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP04 Comments :

Date : February 17, 2009

Time : 02:33:13 PM

Mode : FR

Temp 70 F

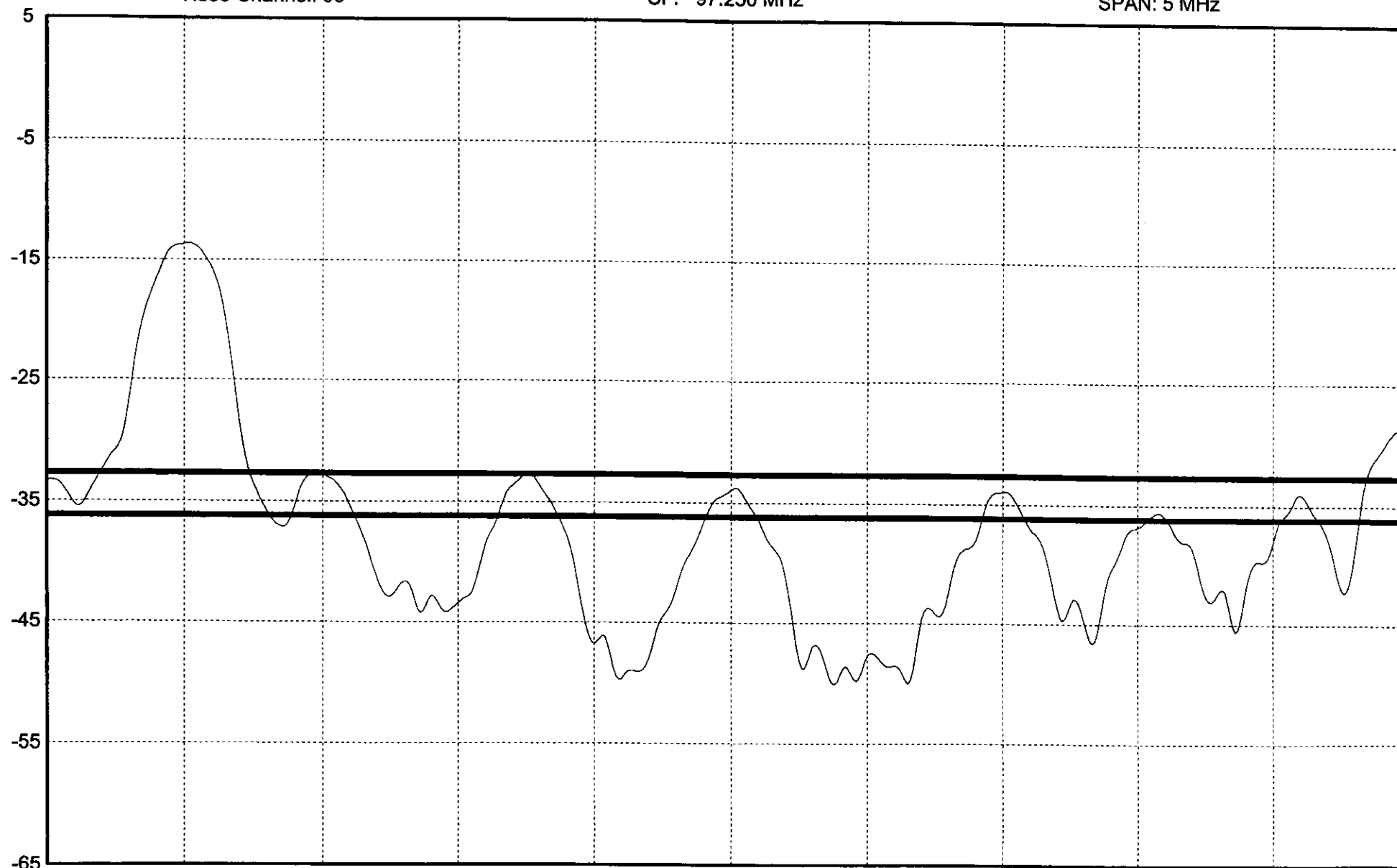
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.75 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Part 2A

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.9	13.9	6	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP04-SPL
 Comments
 Date 13-Feb-09
 Time 8:41:52 PM
 Temperature 11 C
 Location State Rd Lanesboro
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2B

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.2	12.2	7	PASS

MHz		MHz		MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
	55.25	4.5	2	2	55.25032	59.75014		8.4	-4.5 TV			PASS		PASS	
	61.25	4.5	3	3	61.25	65.74996		8.7	-2.5 TV			PASS	PASS	PASS	PASS
	67.25	4.5	4	4	67.25029	71.75013		8.5	-7.8 TV			PASS	PASS	PASS	PASS
	77.25	4.5	5	5	77.25061	81.75056		8.4	-8.4 TV			PASS	PASS	PASS	PASS
	83.25	4.5	6	6	83.24982	87.74977		7.4	-8 TV			PASS	PASS	PASS	PASS
	175.25	4.5	7	7	175.2454	179.74559		7.7	-6.7 TV			PASS	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74964		6.9	-9.2 TV			PASS	PASS	PASS	PASS
	187.25	4.5	9	9	187.2507	191.75067		7.2	-5.2 TV			PASS	PASS	PASS	PASS
	193.25	4.5	10	10	193.2506	197.75053		6.5	-9.2 TV			PASS	PASS	PASS	PASS
	199.25	4.5	11	11	199.2506	203.75027		6.2	-8.7 TV			PASS	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75071		6.8	-8.3 TV			PASS	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.7507		7.7	-8.9 TV			PASS	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.7628		8.6	-5.6 TV			PASS	PASS	PASS	PASS
	151.25	4.5	15	19	151.3206	155.82062		5.8	-5.4 TV			PASS	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75021		7.3	-8.9 TV			PASS	PASS	PASS	PASS
	163.25	4.5	17	21	163.2487	167.7486		7.3	-8.2 TV			PASS	PASS	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76339		7.7	-8.2 TV			PASS	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75144		8.3	-7.7 TV			PASS	PASS	PASS	PASS
	223.25	4.5	20	24	223.2499	227.74989		7.7	-8.5 TV			PASS	PASS	PASS	PASS
	229.262	4.5	21	25	229.2635	233.7637		7.3	-6.6 TV			PASS	PASS	PASS	PASS
	235.262	4.5	22	26	235.2629	239.76293		8	-6.1 TV			PASS	PASS	PASS	PASS
	241.262	4.5	23	27	241.2617	245.76163		5.2	-8.6 TV			PASS	PASS	PASS	PASS
	247.262	4.5	24	28	247.262	251.76197		7.1	-7.1 TV			PASS	PASS	PASS	PASS
	253.262	4.5	25	29	253.2628	257.76278		9.4	-3.3 TV			PASS	PASS	PASS	PASS
	259.262	4.5	26	30	259.2601	263.76027		9.2	-5.6 TV			PASS	PASS	PASS	PASS
	265.262	4.5	27	31	265.2618	269.76174		9.4	-7.4 TV			PASS	PASS	PASS	PASS
	271.262	4.5	28	32	271.2634	275.76341		7.9	-8.2 TV			PASS	PASS	PASS	PASS
	277.262	4.5	29	33	277.2599	281.75831		7.5	-9.3 TV			PASS	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76341		6.7	-7.8 TV			PASS	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75911		7.3	-8.1 TV			PASS	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76316		9.6	-4 TV			PASS	PASS	PASS	PASS
	301.262	4.5	33	37	301.2636	305.76362		12.2	-3.9 TV			PASS	PASS	PASS	PASS
	307.262	4.5	34	38	307.2625	311.7624		11.2	-4.9 TV			PASS	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76391		8.8	-7.6 TV			PASS	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76373		7.6	-9.1 TV			PASS	PASS	PASS	PASS
	325.262	4.5	37	41	325.2634	329.7634		7.2	-8.2 TV			PASS	PASS	PASS	PASS
	331.275	4.5	38	42	331.2757	335.77546		8.4	-8 TV			PASS	PASS	PASS	PASS
	337.262	4.5	39	43	337.2652	341.7651		8.3	-7 TV			PASS	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76324		9.3	-6.9 TV			PASS	PASS	PASS	PASS
	349.262	4.5	41	45	349.2622	353.76242		10	-5.6 TV			PASS	PASS	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76173		10.5	-6.1 TV			PASS	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76511		9.5	-6.6 TV			PASS	PASS	PASS	PASS
	367.262	4.5	44	48	367.2624	371.76237		8.5	-7.7 TV			PASS	PASS	PASS	PASS
	373.262	4.5	45	49	373.263	377.7629		7.5	-9.5 TV			PASS	PASS	PASS	PASS
	379.262	4.5	46	50	379.2639	383.7641		7.1	-9.6 TV			PASS	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76246		6.2	-9.5 TV			PASS	PASS	PASS	PASS
	391.262	4.5	48	52	391.2624	395.76227		6.9	-9.1 TV			PASS	PASS	PASS	PASS
	397.262	4.5	49	53	397.262	401.76196		7.5	-7.4 TV			PASS	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.75162		6.7	-9.1 TV			PASS	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75127		7.5	-7.4 TV			PASS	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.75232		9.1	-7.7 TV			PASS	PASS	PASS	PASS
	421.25	4.5	53	57	421.2518	425.75179		7.2	-8.7 TV			PASS	PASS	PASS	PASS
	427.25	4.5	54	58	427.2505	431.75049		6.5	-9.4 TV			PASS	PASS	PASS	PASS
	433.25	4.5	55	59	433.2511	437.7511		7.7	-6.4 TV			PASS	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.75175		6.5	-10.1 TV			PASS	PASS	PASS	PASS
	445.25	4.5	57	61	445.252	449.75223		6	-8.1 TV			PASS	PASS	PASS	PASS
	97.25	4.5	59	96	97.25035	101.75032		6.7	-9 TV			PASS	PASS	PASS	PASS
	103.25	4.5	60	97	103.2523	107.75233		6.3	-8.6 TV			PASS	PASS	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3Headend: Chatham PSID #: 014169 Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: State Rd Lanesboro Weather Clear Rain
Cloudy Snow
 Test Point #: TP04 Date: 02-17-09 Time: 02:35 PM Temperature: 25 F

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

Carrier / Coherent Beat Ratios						
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	45.4	.6%			63	59.8
11	49.1				62.6	63.2
22	47.5				59.4	62.8
23	48.3				55.2	63.4
40	48.7				55.7	62
42	47.4				55	61.9
51	48.1				56.6	60.1
60	48.8				61.7	59

Test Point Location: _____ Weather Clear Rain
Cloudy Snow
 Test Point #: _____ Date: _____ Time: _____ Temperature: _____

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

Carrier / Coherent Beat Ratios						
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 04

TEST POINT LOCATION: State Rd Lanesboro

TIME OF INITIAL READING: 4:15 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.8	58&59
2	2.7	58&59
3	2.3	26&27
4	3	26&27

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	6	19&38
2	5.8	19&38
3	5	19&46
4	6.3	27&37

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM

PSID NUMBER: 014169

Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart, the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP04-1
 Comments
 Date 13-Feb-09
 Time 4:15:44 AM
 Temperature 15 C
 Location State Rd Lanesboro
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.9	13.9	6	PASS

Video Freq Audio Freq Video Amp Audio Amp Type

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB	
55.25	4.5	2	2	55.25032	59.75011	11.5	-1.7 TV	PASS	PASS	PASS	PASS
61.25	4.5	3	3	61.24999	65.74995	12.1	0.5 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.25026	71.75027	11.9	-4.4 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25058	81.75054	12.1	-4.2 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24988	87.74981	11	-4.5 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2454	179.74557	10.2	-5.4 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2496	185.74954	8.2	-8 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2507	191.7507	8.6	-3 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75039	8.4	-7.1 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75034	8.4	-6.2 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75074	9.5	-5.4 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75084	11.8	-4.7 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76259	11.7	-3 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82059	7.9	-3 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75023	10.4	-4.6 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74854	11.8	-4.6 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76333	11.5	-5.5 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75143	12.3	-3.7 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74972	11.9	-4.4 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2635	233.7637	10.8	-3 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2629	239.76248	11.9	-2.2 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2618	245.76176	9.3	-5.2 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.262	251.76186	10.7	-3.7 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2629	257.76273	12.8	-0.7 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2601	263.76021	12.1	-2.3 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76156	12.6	-3.9 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76329	10.8	-5.1 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75977	10.9	-6 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76345	10.5	-3.5 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75912	11.9	-5 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.7632	12.6	-2.1 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.7636	13.4	-1.7 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76252	13.9	-2.2 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76373	12.6	-3.8 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76383	12.1	-4 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.76305	10.7	-5.2 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77516	11.4	-5.4 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76514	11.1	-4.6 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.7633	12.1	-4.3 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76242	12.6	-2.8 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.76172	13.6	-2.5 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	12.4	-4.3 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76244	12	-4.8 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.76283	10.5	-6.5 TV	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2639	383.76411	10.1	-6.6 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76256	8.6	-6.9 TV	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76228	9.7	-7 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.262	401.76197	9.9	-4.8 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75168	9.5	-7 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75137	10.1	-4.6 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2522	419.75223	11.6	-5.4 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75185	9.7	-6.9 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2505	431.75043	8.4	-6.8 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2511	437.75107	11.2	-3.5 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.7517	9.7	-5.9 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2521	449.75228	10.3	-4.5 TV	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25034	101.7503	10.6	-4.8 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.2523	107.75237	10	-5.5 TV	PASS	PASS	PASS	PASS

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP04-2
 Comments
 Date 13-Feb-09
 Time 10:15:47 AM
 Temperature 15 C
 Location State Rd Lanesboro
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.8	13.6	5.8	PASS

Video Freq		Audio Freq		Video Amp		Audio Amp		Type		Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
MHz	MHz	MHz	MHz	dBmV	dBmV								
55.25	4.5	2	55.25032	59.75009	11.6	-1.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
61.25	4.5	3	61.24999	65.74995	12	-0.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
67.25	4.5	4	67.25026	71.75012	11.9	-4.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
77.25	4.5	5	77.25058	81.75048	11.9	-4.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
83.25	4.5	6	83.24986	87.7498	11	-4.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
175.25	4.5	7	175.2454	179.74558	10.1	-5.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
181.25	4.5	8	181.2496	185.74955	8.1	-8.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
187.25	4.5	9	187.2507	191.75067	8.6	-3.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
193.25	4.5	10	193.2505	197.75046	8.3	-7.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
199.25	4.5	11	199.2504	203.75034	8.4	-6.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
205.25	4.5	12	205.2505	209.75068	9.4	-5.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
211.25	4.5	13	211.2507	215.75077	11.6	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
133.262	4.5	14	133.2627	137.76261	11.7	-3.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
151.25	4.5	15	151.3206	155.82062	7.8	-3.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
157.25	4.5	16	157.2503	161.75006	10.4	-4.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
163.25	4.5	17	163.2486	167.74859	11.7	-4.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
169.25	4.5	18	169.2635	173.76335	11.4	-5.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
217.25	4.5	19	217.2515	221.75147	12.3	-3.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
223.25	4.5	20	223.2498	227.74972	11.7	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
229.262	4.5	21	229.2635	233.76371	10.8	-3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
235.262	4.5	22	235.2629	239.76287	11.7	-2.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
241.262	4.5	23	241.2617	245.76168	9.4	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
247.262	4.5	24	247.2621	251.76198	10.6	-3.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
253.262	4.5	25	253.2629	257.76282	12.7	-0.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
259.262	4.5	26	259.2601	263.76027	11.9	-2.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
265.262	4.5	27	265.2616	269.76157	12.6	-4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
271.262	4.5	28	271.2632	275.76321	10.7	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
277.262	4.5	29	277.2598	281.75981	10.9	-6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
283.262	4.5	30	283.2635	287.76348	10.4	-3.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
289.262	4.5	31	289.2589	293.7591	11.9	-5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
295.262	4.5	32	295.2632	299.76316	12.5	-2.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
301.262	4.5	33	301.2637	305.76358	13.4	-1.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
307.262	4.5	34	307.2626	311.76246	13.6	-3.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
313.262	4.5	35	313.2638	317.76378	12.5	-3.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
319.262	4.5	36	319.2636	323.76388	12	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
325.262	4.5	37	325.2631	329.76301	10.7	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS	
331.275	4.5	38	331.2723	335.77516	11.4	-4.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
337.262	4.5	39	337.2653	341.76516	11	-4.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
343.262	4.5	40	343.2633	347.76327	12	-4.4 TV	PASS	PASS	PASS	PASS	PASS	PASS	
349.262	4.5	41	349.2623	353.76249	12.5	-3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
355.262	4.5	42	355.2618	359.7617	13.4	-2.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
361.262	4.5	43	361.2651	365.76508	12.2	-4.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
367.262	4.5	44	367.2625	371.76238	11.9	-5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
373.262	4.5	45	373.2629	377.76261	10.4	-6.3 TV	PASS	PASS	PASS	PASS	PASS	PASS	
379.262	4.5	46	379.2639	383.76399	10	-6.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
385.262	4.5	47	385.2625	389.76242	8.6	-6.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
391.262	4.5	48	391.2623	395.76227	9.7	-7.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
397.262	4.5	49	397.262	401.76197	9.7	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS	
403.25	4.5	50	403.2517	407.75167	9.3	-7.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
409.25	4.5	51	409.2514	413.75121	10.1	-4.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
415.25	4.5	52	415.2522	419.75228	11.2	-5.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
421.25	4.5	53	421.2519	425.75186	9.5	-6.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
427.25	4.5	54	427.2505	431.75042	8.4	-6.9 TV	PASS	PASS	PASS	PASS	PASS	PASS	
433.25	4.5	55	433.2511	437.75105	11.1	-3.5 TV	PASS	PASS	PASS	PASS	PASS	PASS	
439.25	4.5	56	439.2517	443.75165	9.6	-6.1 TV	PASS	PASS	PASS	PASS	PASS	PASS	
445.25	4.5	57	445.252	449.75224	10.1	-4.7 TV	PASS	PASS	PASS	PASS	PASS	PASS	
97.25	4.5	59	97.25035	101.75032	10.5	-4.8 TV	PASS	PASS	PASS	PASS	PASS	PASS	
103.25	4.5	60	103.2523	107.75231	9.9	-4 TV	PASS	PASS	PASS	PASS	PASS	PASS	

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #: 014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham PSID #: 014169 Technician : Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: County Rt. 9 New Lebanon Weather Clear Cloudy Rain Snow
Test Point #: TP05 Date: 2-13-09 Time: 5:40 AM Temperature 15 f

[illegible]

HEADEND: Chatham

PSID #: 014169

TECHNICIAN: Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: County Rt. 9 New Lebanon Weather Cloudy

Clear

Rain

Test Point #: TP05 Date: 2/13/09 Time: 5:40 AM Temperature 15f

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure that Copies of This Page Be Accompanied All Pictures to Get One Picture for Channel Tested (See Instructions #1)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-05
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 11
Scale: 20dB/div
Measured Response: 0.85
Date/Time: 02/17/09 11:07

PLACE PICTURE
HERE

Channel: 22
Scale: 20dB/div
Measured Response: 1.00
Date/Time: 02/13/09 10:33

PLACE PICTURE
HERE

Channel: 23
Scale: 20dB/div
Measured Response: 0.95
Date/Time: 02/13/09 10:34

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure that Copies of This Page to Accommodate All Pictures Exist at One Picture Per Channel Test Point (See Distribution #41)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-05**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 40
Scale: dBmV
Measured Response: 0.75
Date/Time: 02/13/09 10:35

PLACE PICTURE

HERE

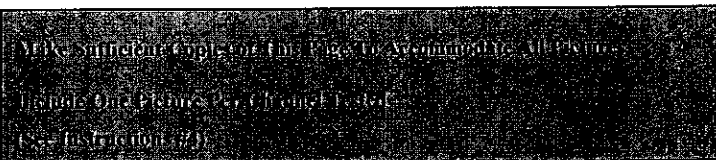
Channel: 42
Scale: dBmV
Measured Response: 1.45
Date/Time: 02/13/09 10:35

PLACE PICTURE

HERE

Channel: 51
Scale: dBmV
Measured Response: 1.00
Date/Time: 02/13/09 10:36

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-05
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 60
Scale: 2dB/0.1
Measured Response: 0.90
Date/Time: 02/13/09 10:36

PLACE PICTURE
HERE

Channel: 96
Scale: 2dB/0.1
Measured Response: 1.15
Date/Time: 02/17/09 11:07

PLACE PICTURE
HERE

Channel:
Scale: 2dB/0.1
Measured Response:
Date/Time:

Unit Calibration : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : GSEST of : SRTB

Site Id : TP05 Comments :

Mode : FR

Date : February 17, 2009

Time : 11:07:07 AM

Temp 68 F

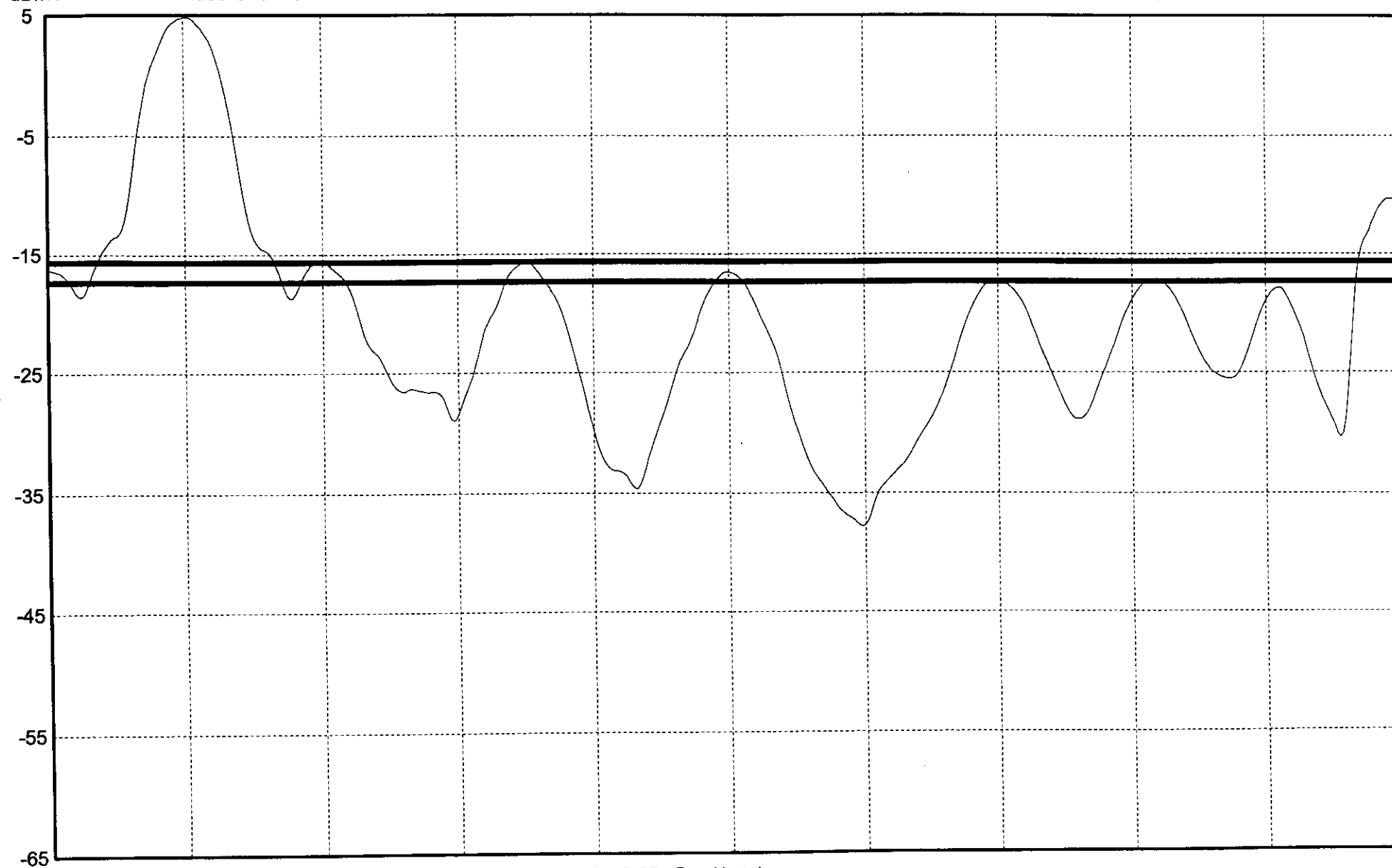
ATT: 5 dB

dBmV

Video Channel: 11

CF: 199.250 MHz

SPAN: 5 MHz



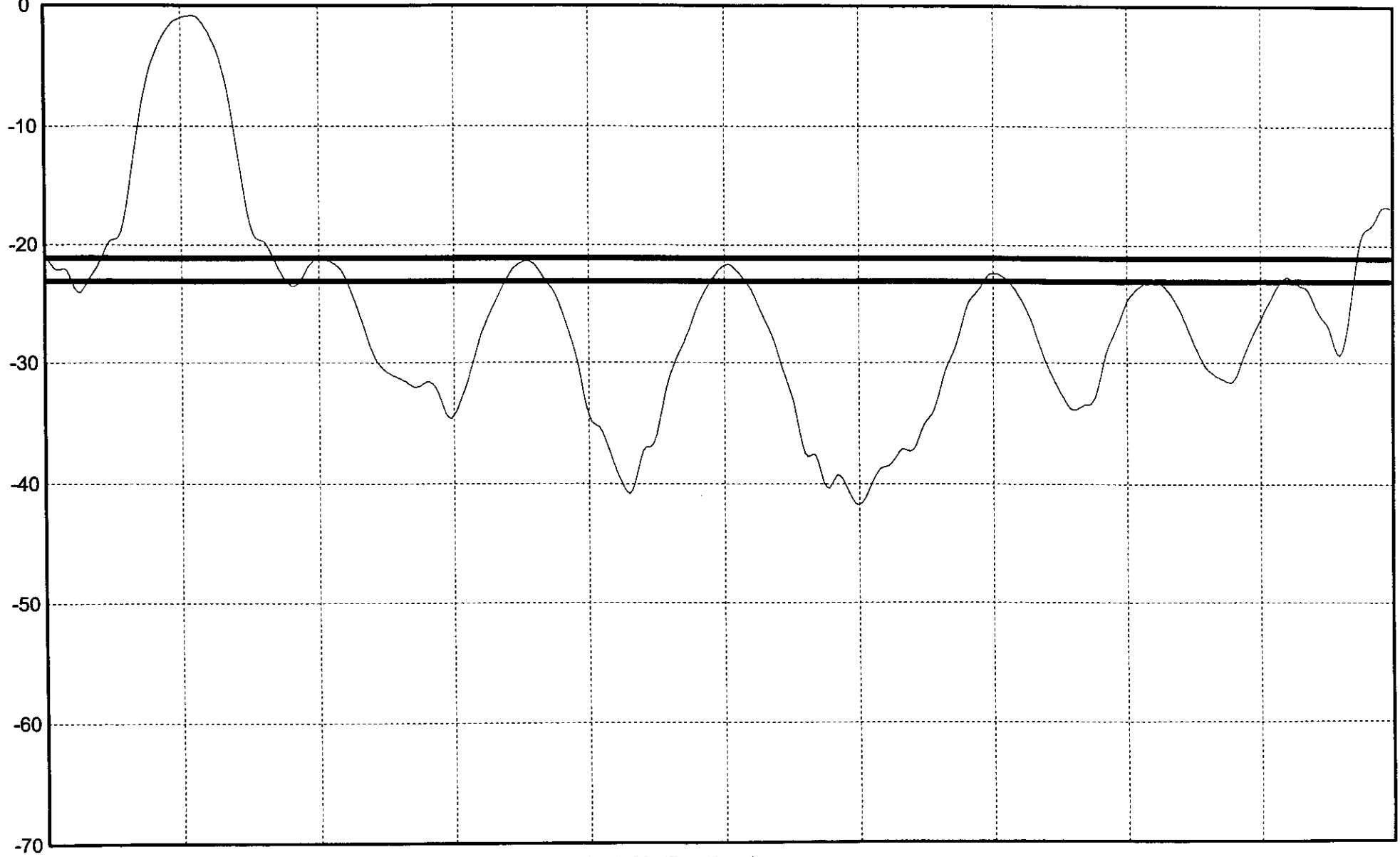
In-Channel Response: +/- 0.85 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : ~~TEST~~ of : SRTB
Site Id : TP05 Comments : Mode : FR
Date : February 13, 2009 Time : 10:33:45 PM Temp 64 F

ATT: 0 dB
dBmV Video Channel: 22 CF: 169.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.00 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : GUEST of : SRTB

Site Id : TP05 Comments :

Mode : FR

Date : February 13, 2009

Time : 10:34:20 PM

Temp 64 F

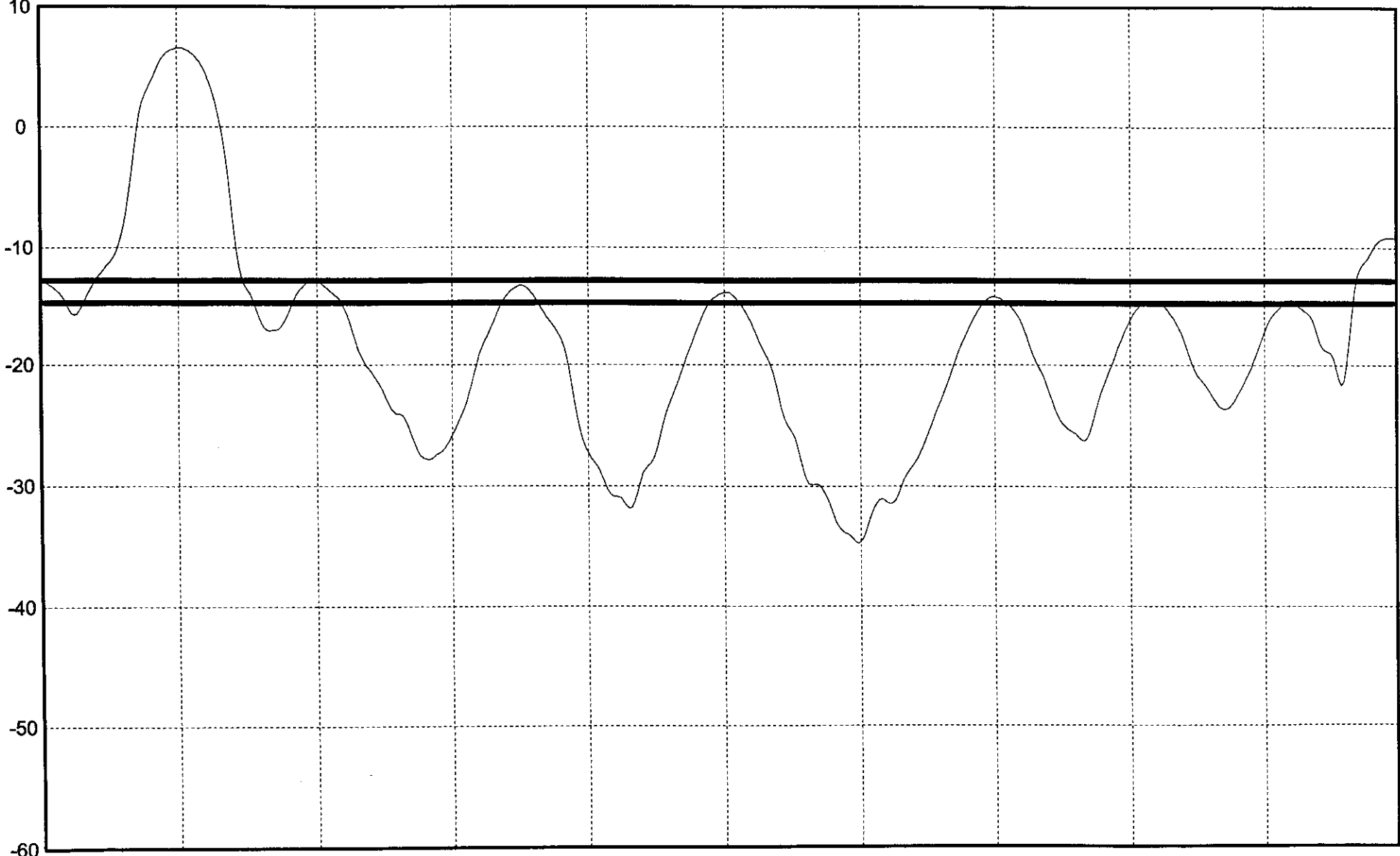
ATT: 10 dB

dBmV

Video Channel: 23

CF: 217.250 MHz

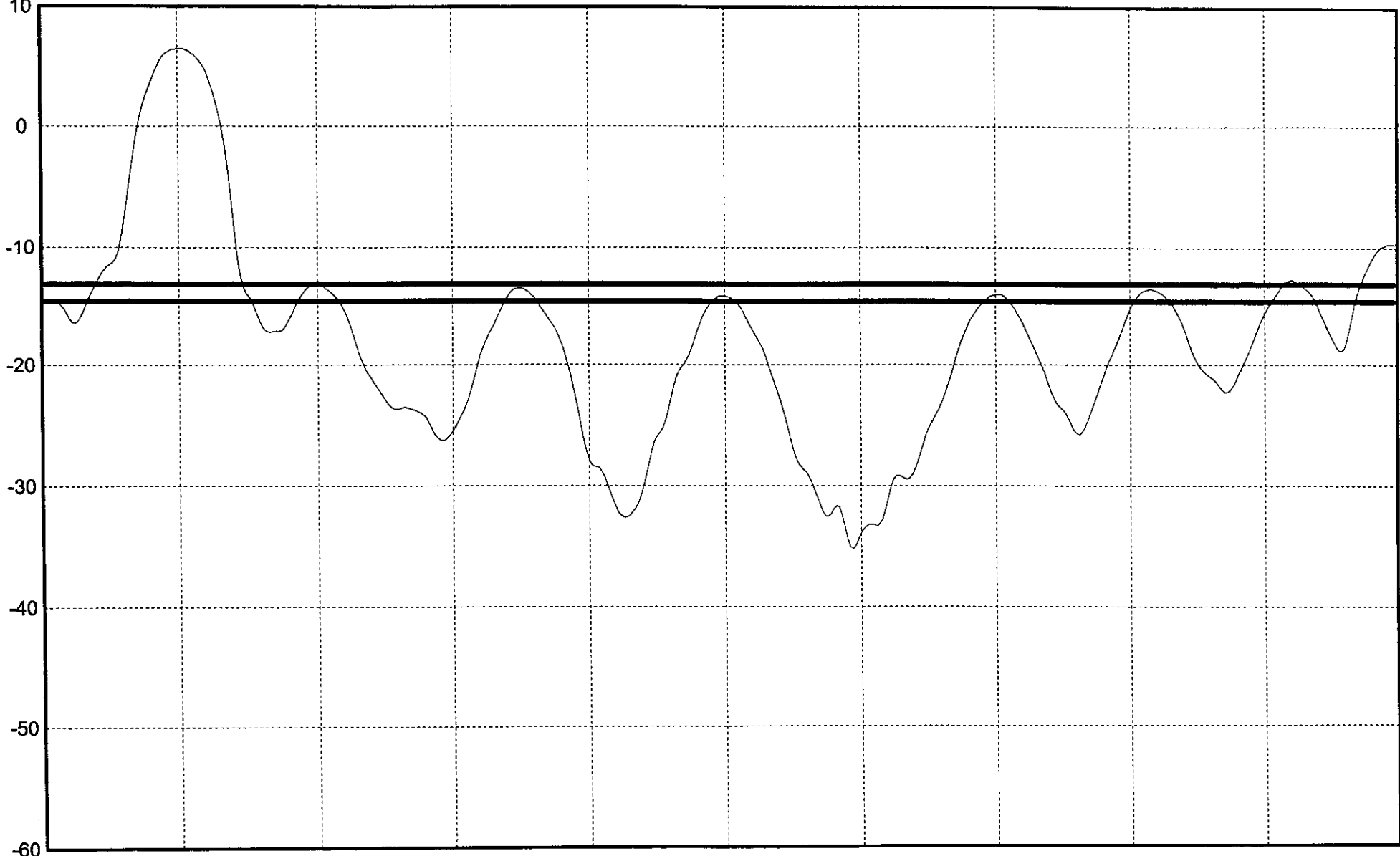
SPAN: 5 MHz



In-Channel Response: +/- 0.95 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : GUEST of : SRTB
Site Id : TP05 Comments : Mode : FR
Date : February 13, 2009 Time : 10:35:00 PM Temp 64 F

ATT: 10 dB Video Channel: 40 CF: 319.262 MHz SPAN: 5 MHz



In-Channel Response: +/- 0.75 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

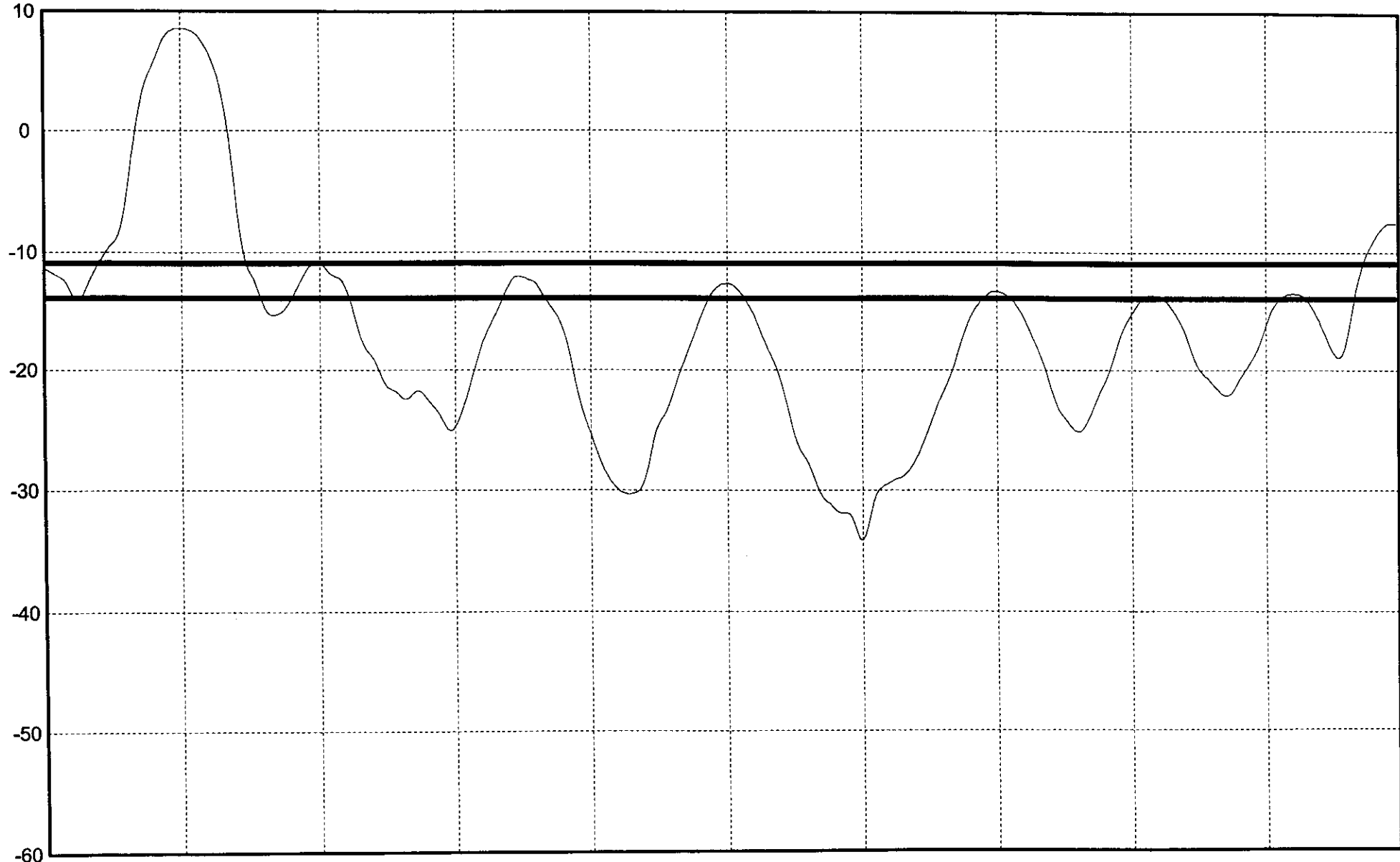
Tech. Name : GUST of : SRTB
Site Id : TP05 Comments :
Date : February 13, 2009 Time : 10:35:42 PM Mode : FR Temp 63 F

ATT: 10 dB
dBmV

Video Channel: 42

CF: 331.275 MHz

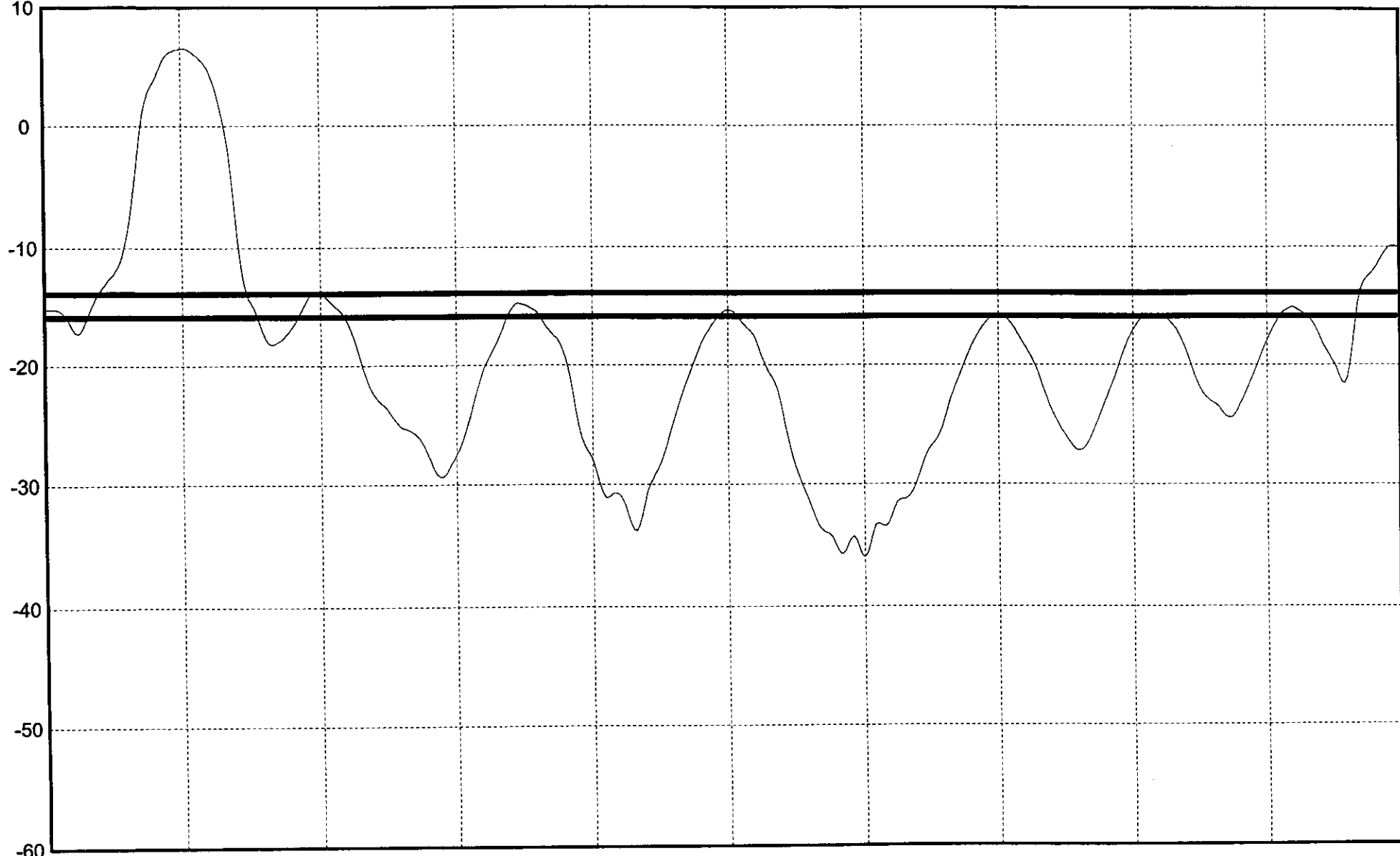
SPAN: 5 MHz



In-Channel Response: +/- 1.45 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : GS-15T of : SRTB
Site Id : TP05 Comments : Mode : FR
Date : February 13, 2009 Time : 10:36:19 PM Temp 63 F

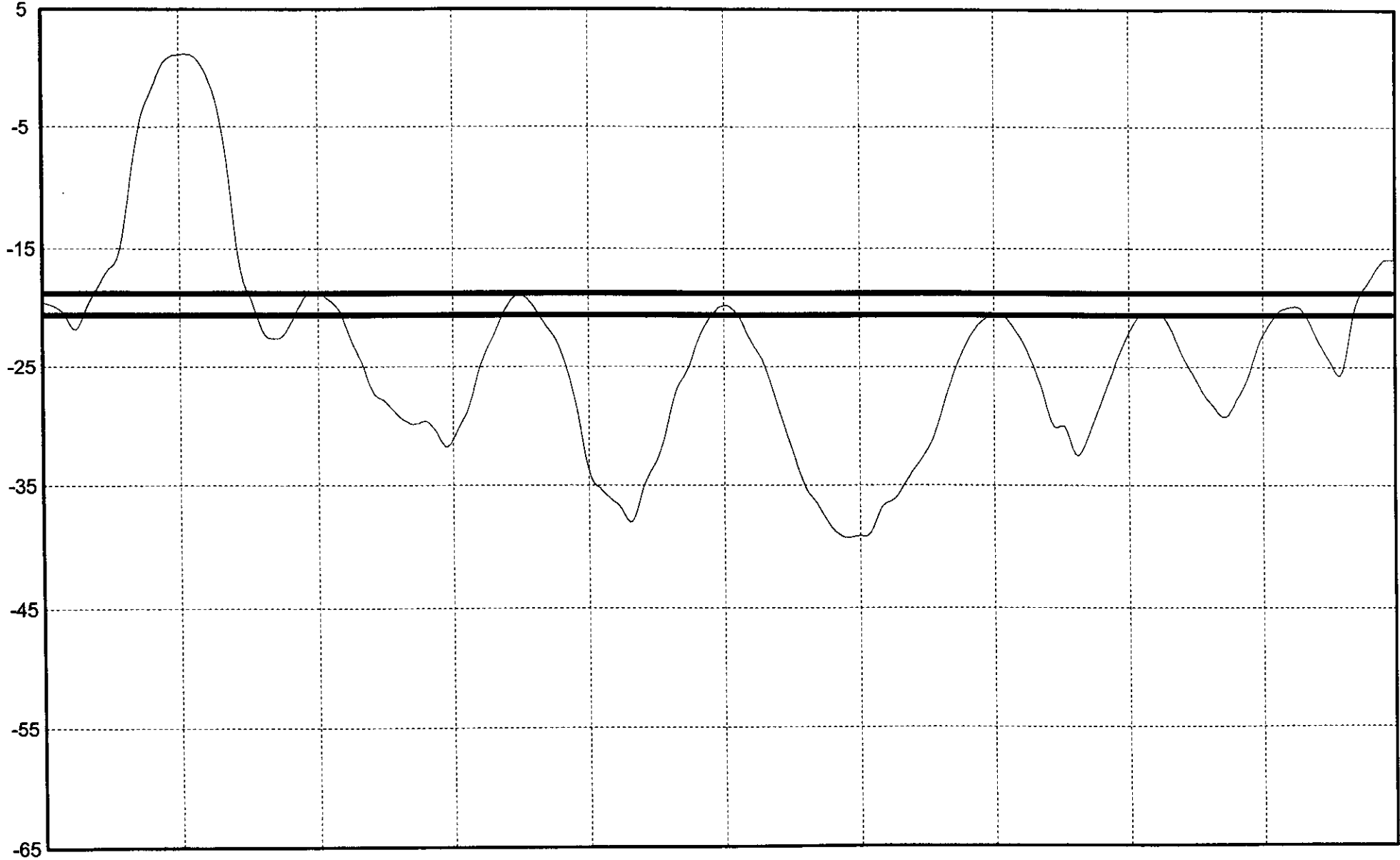
ATT: 10 dB Video Channel: 51 CF: 385.262 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.00 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : **UNIT** of : SRTB
Site Id : TP05 Comments : Mode : FR
Date : February 13, 2009 Time : 10:36:55 PM Temp 64 F

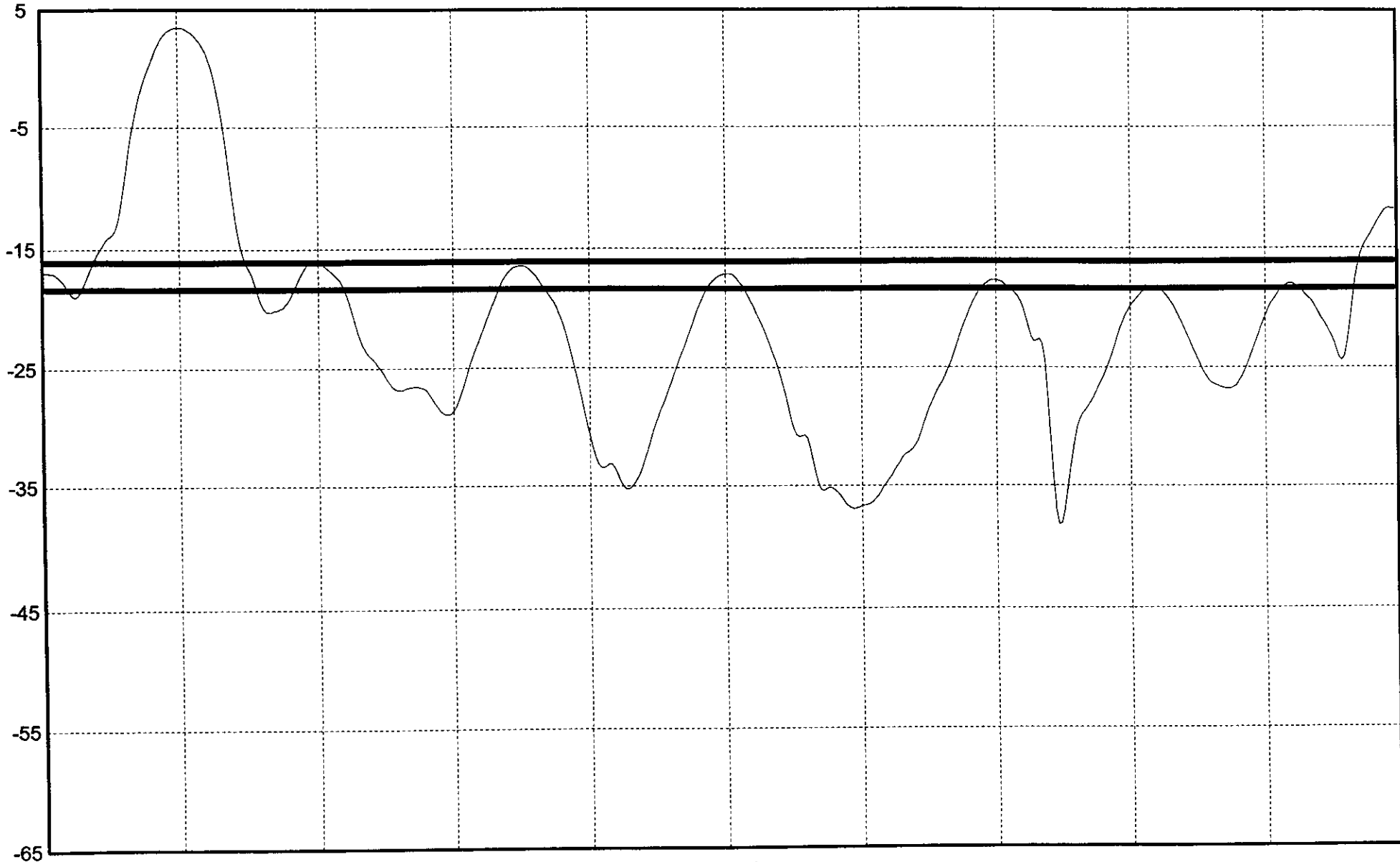
ATT: 5 dB Video Channel: 60 CF: 439.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 0.90 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : GUEST of : SRTB
Site Id : TP05 Comments :
Date : February 17, 2009 Time : 11:07:52 AM Mode : FR Temp 72 F

ATT: 5 dB Video Channel: 96 CF: 97.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.15 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP05-1
 Comments
 Date 13-Feb-09
 Time 5:45:26 AM
 Temperature 12 C
 Location County Rt. 9 New Lebanon
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2A

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.2	14.1	8.9	PASS

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop
55.25	4.5	2	2	55.25041	59.75019	6.3	-8.4 TV	PASS		>=3dB, <15dB
61.25	4.5	3	3	61.25037	65.7503	6.3	-9.8 TV	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.7499	5.2	-6.5 TV	PASS	PASS	PASS
77.25	4.5	5	5	77.25059	81.7505	6.3	-10 TV	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.74981	6	-9.3 TV	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.75051	6.9	-9.1 TV	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74963	7.8	-7.9 TV	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75074	8.1	-7.9 TV	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75044	8.1	-6.9 TV	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75032	8.8	-6.3 TV	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75067	9.1	-6.7 TV	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75078	9	-8 TV	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76255	7.3	-8.4 TV	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82063	5.9	-5.6 TV	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75022	7.1	-9.4 TV	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74854	6.6	-9.2 TV	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76335	6.8	-8.6 TV	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75142	9.6	-5.6 TV	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74973	10.3	-5.7 TV	PASS	PASS	PASS
229.262	4.5	21	25	229.2626	233.76287	10.9	-5 TV	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76309	11	-4.4 TV	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76353	11.7	-4.6 TV	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.76204	11.5	-5.2 TV	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76209	11.1	-4.8 TV	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.76259	10.7	-5 TV	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76153	10.8	-5.5 TV	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76316	9.9	-5.4 TV	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75976	10.3	-5.8 TV	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76333	10.5	-4.8 TV	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75911	10.4	-6.6 TV	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76319	10.6	-5.1 TV	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76371	10.6	-4.5 TV	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76264	11.6	-4.4 TV	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76376	12.1	-3.9 TV	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76397	12	-4.9 TV	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.76301	11.6	-4 TV	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77515	12.1	-3.8 TV	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76517	12.3	-3.3 TV	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76329	12.9	-2.8 TV	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76244	14	-1.5 TV	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.7617	14.1	-2 TV	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	13.6	-3.3 TV	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76253	12.5	-3.7 TV	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.76291	12.2	-4.1 TV	PASS	PASS	PASS
379.262	4.5	46	50	379.2639	383.76387	11.8	-4.2 TV	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76246	12.2	-4 TV	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76228	12.6	-3.9 TV	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.76339	11.4	-4.6 TV	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75171	11.3	-5.6 TV	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75143	10.8	-5 TV	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75231	11	-4.8 TV	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75186	11.1	-5.2 TV	PASS	PASS	PASS
427.25	4.5	54	58	427.2505	431.75042	10.1	-6.9 TV	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75115	9.1	-6 TV	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75171	7.2	-9.5 TV	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75205	6.7	-9.5 TV	PASS	PASS	PASS
451.25	4.5	58	62	451.2514	455.75131	6.2	-9.9 TV	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.75035	5.6	-8.9 TV	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76275	5.4	-8.2	PASS	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP05-SPL
 Comments
 Date 13-Feb-09
 Time 10:18:13 PM
 Temperature 15 C
 Location County Rt. 9 New Lebanon
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2B

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
0	7.7	7.7	PASS

Video Freq Audio Freq Video Amp Audio Amp Type

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	2	55.25038	59.75017	0.5	-14.3 TV	PASS		PASS
61.25	4.5	3	3	61.25038	65.7503	0.3	-15.4 TV	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.7499	0.4	-16 TV	PASS	PASS	PASS
77.25	4.5	5	5	77.25058	81.75049	0.4	-16 TV	PASS	PASS	PASS
83.25	4.5	6	6	83.24986	87.7498	0.1	-16.7 TV	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.7506	1	-14.9 TV	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74963	2.1	-13.8 TV	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75075	2.4	-13.9 TV	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75044	2.4	-12.6 TV	PASS	PASS	PASS
199.25	4.5	11	11	199.2502	203.75015	5.2	-8.8 TV	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75068	4	-11.5 TV	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75068	4.5	-11.9 TV	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76266	1.4	-14.3 TV	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82067	0	-11.3 TV	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75021	1.1	-15.3 TV	PASS	PASS	PASS
163.25	4.5	17	21	163.2487	167.74861	0.8	-15 TV	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76335	1.8	-14.5 TV	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75142	4.7	-10.8 TV	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74974	4.9	-11.2 TV	PASS	PASS	PASS
229.262	4.5	21	25	229.2626	233.7628	5.5	-10.6 TV	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76308	5.7	-10.2 TV	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76353	6	-10.4 TV	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.762	6	-10.6 TV	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76202	5.7	-9.8 TV	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.7625	3.4	-12.4 TV	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76156	5.3	-10.8 TV	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76332	4.9	-10.8 TV	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75971	5.1	-11.1 TV	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76344	5.3	-10.2 TV	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75911	5.4	-10.9 TV	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76311	5.7	-10.3 TV	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76334	5.4	-10.4 TV	PASS	PASS	PASS
307.262	4.5	34	38	307.2625	311.76251	5.6	-11.1 TV	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76369	5.2	-11.2 TV	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76382	4.9	-11.5 TV	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.7631	5.1	-10.5 TV	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77516	6	-10.2 TV	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76516	6.2	-9.9 TV	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76326	6.3	-9.8 TV	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76244	7.7	-8.7 TV	PASS	PASS	PASS
355.262	4.5	42	46	355.2619	359.76181	6.6	-9.2 TV	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	6.7	-9.8 TV	PASS	PASS	PASS
367.262	4.5	44	48	367.2624	371.76236	6.2	-10.7 TV	PASS	PASS	PASS
373.262	4.5	45	49	373.2628	377.76277	6.3	-10.1 TV	PASS	PASS	PASS
379.262	4.5	46	50	379.2638	383.76403	5.6	-10.5 TV	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76243	4.6	-11.9 TV	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76227	4.9	-11.7 TV	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.7635	3.6	-12.1 TV	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75166	4.1	-12.1 TV	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75141	3.5	-12.8 TV	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75234	2.8	-13.6 TV	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75186	2.1	-14.3 TV	PASS	PASS	PASS
427.25	4.5	54	58	427.2506	431.75052	0.7	-15.6 TV	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75119	1	-15.3 TV	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75166	0.5	-15.5 TV	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75194	0.3	-16 TV	PASS	PASS	PASS
451.25	4.5	58	62	451.2513	455.75129	0.2	-16.5 TV	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.75034	0.1	-14.9 TV	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76282	0.8	-14.5 TV	PASS	PASS	PASS

Measured Visual/Audio Carrier Level Separations

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: County Rt. 9 New Lebanon Weather Cloudy Clear Rain
 Test Point #: TP 05 Date: 2/13/09 Time: 10:28 PM Temperature: 25 F Snow

Isolation (Nominal) (dB)

(Refer to Spec Sheet
 Sect. Page)

			Carrier / Coherent Beat Ratios			
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	44.3	0.6%			62.1	58.7
11	48.7				62.6	63
22	46.1				60.1	55.4
23	47.1				55	61.5
40	47.6				55.9	61.6
42	47.6				54.8	61.6
51	48.9				56.2	61.9
60	47.4				55.2	61.2

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 05

TEST POINT LOCATION: County Rt. 9 New Lebanon

TIME OF INITIAL READING: 5:10 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.8	22&23
2	2.8	22&23
3	2.9	22&23
4	2.9	22&23

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	8.9	4&46
2	8.8	4&46
3	7.3	59&46
4	7.5	19&45

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM

PSID NUMBER: 014169

Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart, the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP05-1
 Comments
 Date 13-Feb-09
 Time 5:45:26 AM
 Temperature 12 C
 Location County Rt. 9 New Lebanon
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.2	14.1	8.9	PASS

MHz	MHz			MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	2	55.25041	59.75019	6.3	-8.4 TV	PASS			PASS
61.25	4.5	3	3	61.25037	65.7503	6.3	-9.8 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.7499	5.2	-6.5 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25059	81.7505	6.3	-10 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.74981	6	-9.3 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.75051	6.9	-9.1 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74963	7.8	-7.9 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75074	8.1	-7.9 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75044	8.1	-6.9 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75032	8.8	-6.3 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75067	9.1	-6.7 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75078	9	-8 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76255	7.3	-8.4 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82063	5.9	-5.6 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75022	7.1	-9.4 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74854	6.6	-9.2 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76335	6.8	-8.6 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75142	9.6	-5.6 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74973	10.3	-5.7 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2626	233.76287	10.9	-5 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76309	11	-4.4 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76353	11.7	-4.6 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.76204	11.5	-5.2 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76209	11.1	-4.8 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.76259	10.7	-5 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76163	10.8	-5.5 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76316	9.9	-5.4 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75976	10.3	-5.8 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76333	10.5	-4.8 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75911	10.4	-6.6 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76319	10.6	-5.1 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76371	10.6	-4.5 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76264	11.6	-4.4 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76376	12.1	-3.9 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76397	12	-4.9 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.76301	11.6	-4 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77515	12.1	-3.8 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76517	12.3	-3.3 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76329	12.9	-2.8 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76244	14	-1.5 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.7617	14.1	-2 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	13.6	-3.3 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76253	12.5	-3.7 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.76291	12.2	-4.1 TV	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2639	383.76387	11.8	-4.2 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76246	12.2	-4 TV	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76228	12.6	-3.9 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.76339	11.4	-4.6 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75171	11.3	-5.6 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75143	10.8	-5 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75231	11	-4.8 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75186	11.1	-5.2 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2505	431.75042	10.1	-6.9 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75115	9.1	-6 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75171	7.2	-9.5 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75205	6.7	-9.5 TV	PASS	PASS	PASS	PASS
451.25	4.5	58	62	451.2514	455.75131	6.2	-9.9 TV	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.75035	5.6	-8.9 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76275	5.4	-8.2	PASS	PASS	PASS	PASS

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #: 014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham **PSID #: 014169** **Technician : Dan Carrasquillo**

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Clear Rain
 Test Point Location: Route 203 Austerlitz Weather Cloudy Snow
 Test Point #: TP06 Date: 2-13-09 Time: 5:10 AM Temperature 15 f

HEADEND: Chatham

PSID #: 014169

TECHNICIAN: Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Clear

Rain

Test Point #: TP06Date: 2/13/09Time: 7:10 AMTemperature 15f_____[illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-06**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 11
Measured Response: 0.90
Date/Time: 02/13/09 01:25

PLACE PICTURE

HERE

Channel: 22
Measured Response: 0.90
Date/Time: 02/13/09 01:19

PLACE PICTURE

HERE

Channel: 23
Measured Response: 1.30
Date/Time: 02/13/09 01:20

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure that Copies of This Page are Available to All Persons Responsible for the Proper Performance of the Test See Instructions on Page 1
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-06**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 40
Scale: 20dB/0.1
Measured Response: 0.85
Date/Time: 02/13/09 01:20

PLACE PICTURE

HERE

Channel: 42
Scale: 20dB/0.1
Measured Response: 1.40
Date/Time: 02/13/09 01:21

PLACE PICTURE

HERE

Channel: 51
Scale: 20dB/0.1
Measured Response: 0.90
Date/Time: 02/13/09 01:22

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make sufficient copies of this page to accommodate all pictures
PSID Number: 014169	Method: This picture was Channel Tested
Technician: Dan Carrasquillo	(See picture 12)

Test Point # TP-06**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 60
Scale: dBmV
Measured Response: 1.35
Date/Time: 02/13/09 01:22

PLACE PICTURE

HERE

Channel: 96
Scale: dBmV
Measured Response: 1.15
Date/Time: 02/13/09 01:26

PLACE PICTURE

HERE

Channel:
Scale: dBmV
Measured Response:
Date/Time:

Tech. Name : CUST of : SRTB

Site Id : TP06 Comments :

Mode : FR

Date : February 13, 2009

Time : 01:25:44 PM

Temp 70 F

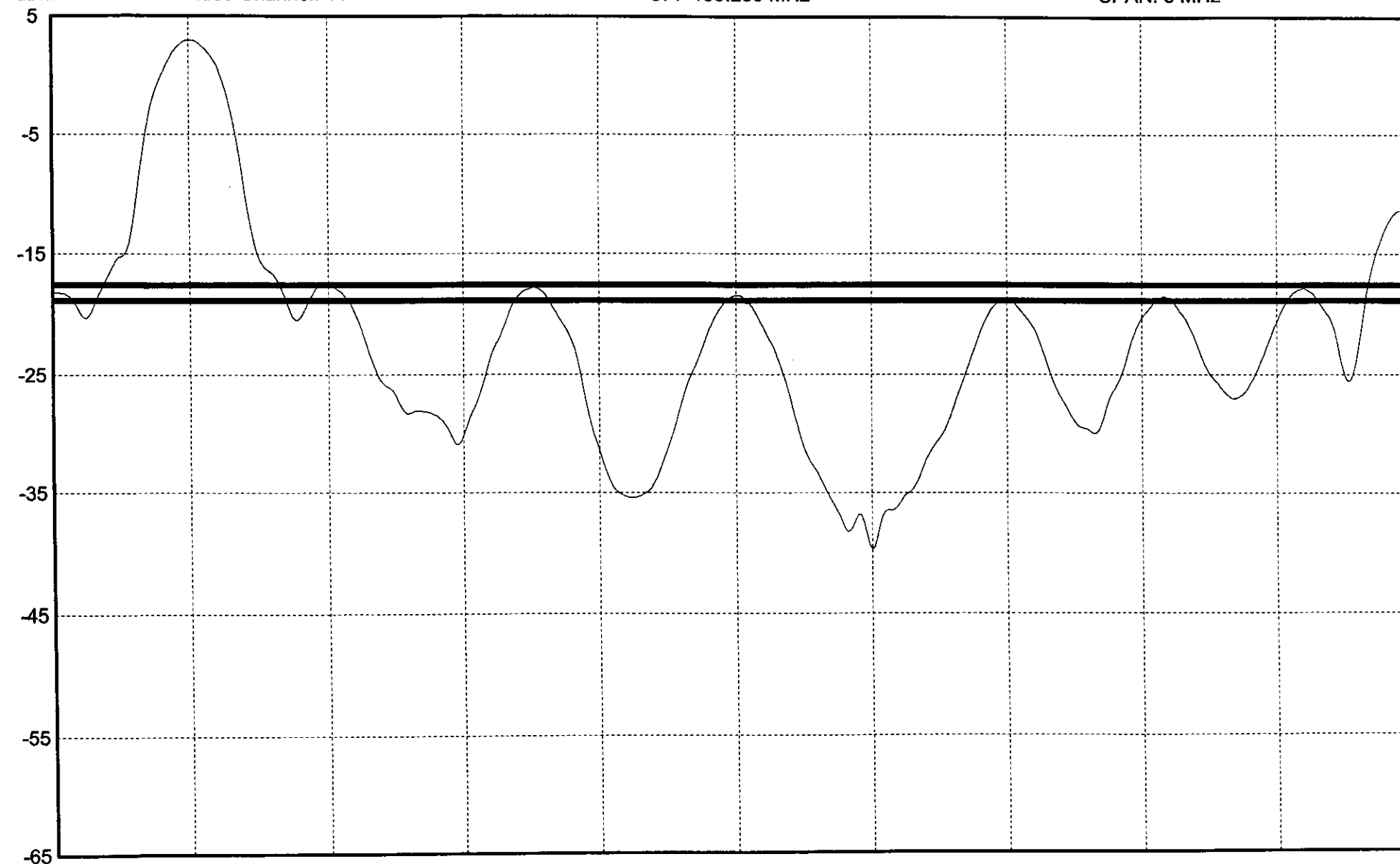
ATT: 5 dB

dBmV

Video Channel: 11

CF: 199.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.65 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : of : SRTB

Site Id : TP06 Comments :

Date : February 13, 2009

Time : 01:19:36 PM

Mode : FR

Temp 61 F

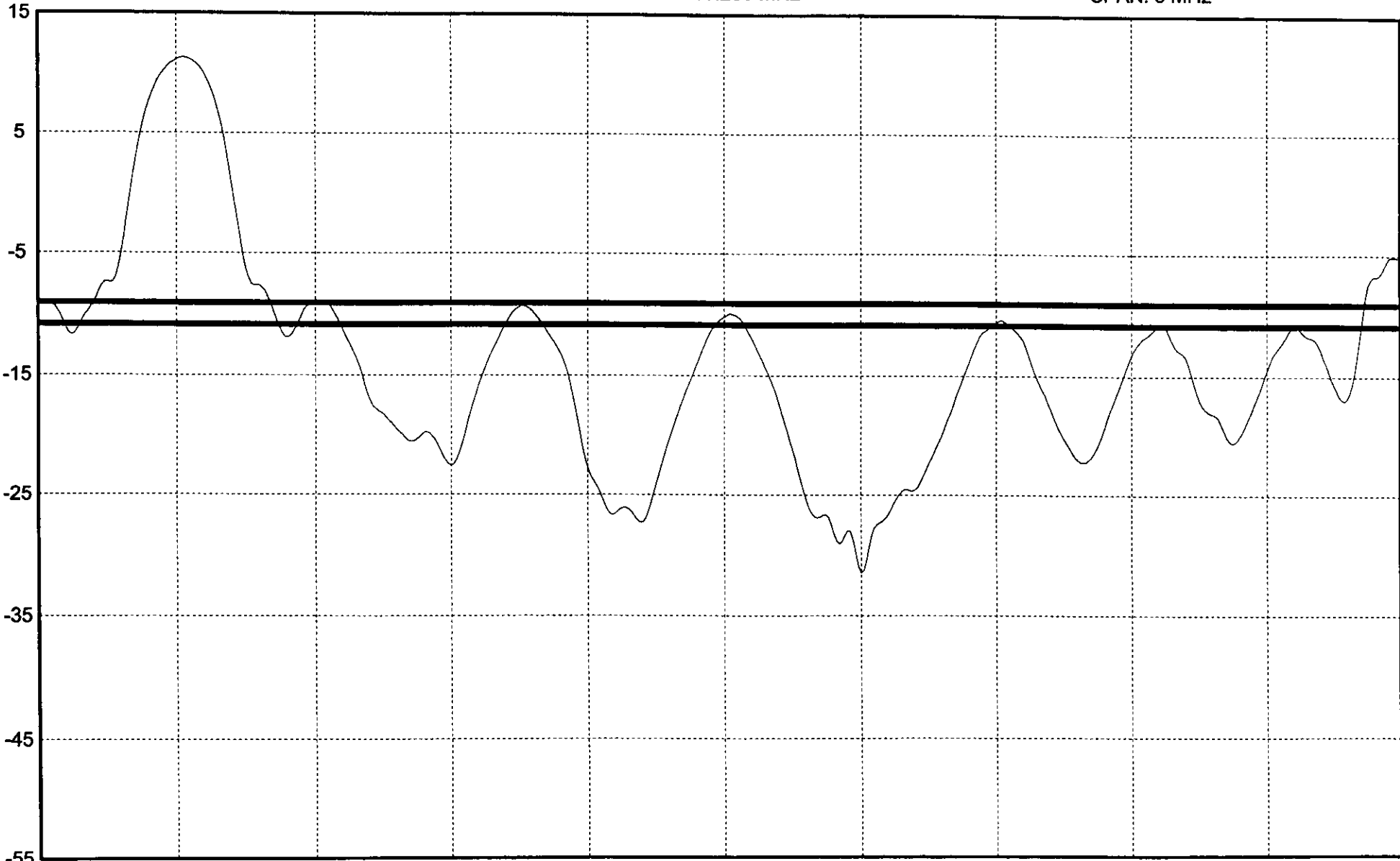
ATT: 15 dB

dBmV

Video Channel: 22

CF: 169.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.90 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : CUST of : SRTB

Site Id : TP06 Comments : T

Date : February 13, 2009

Time : 01:20:17 PM

Mode : FR
Temp 64 F

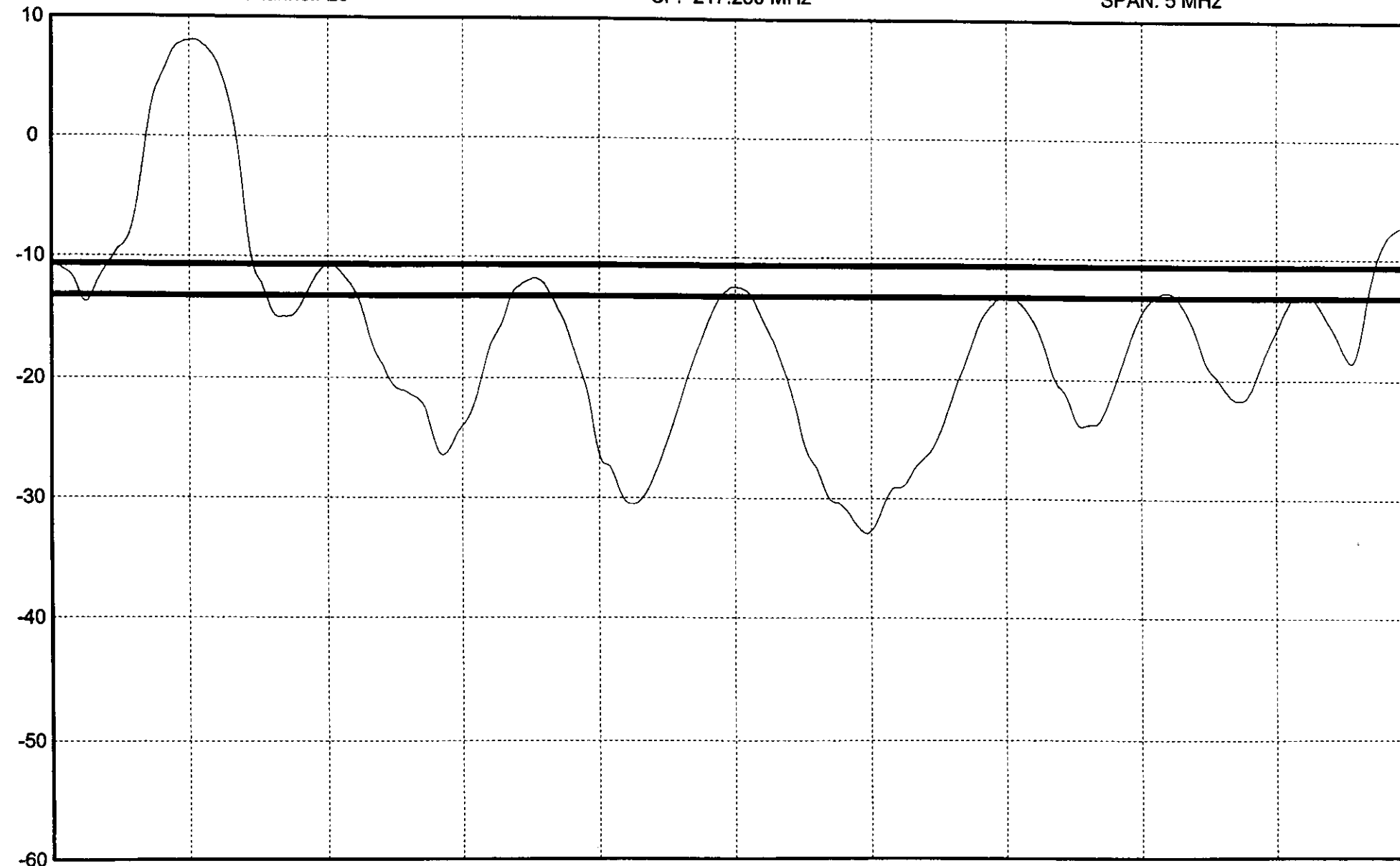
ATT: 10 dB

dBmV

Video Channel: 23

CF: 217.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.30 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : CUST of : SRTB

Site Id : TP06 Comments :

Date : February 13, 2009

Time : 01:20:55 PM

Mode : FR

Temp 63 F

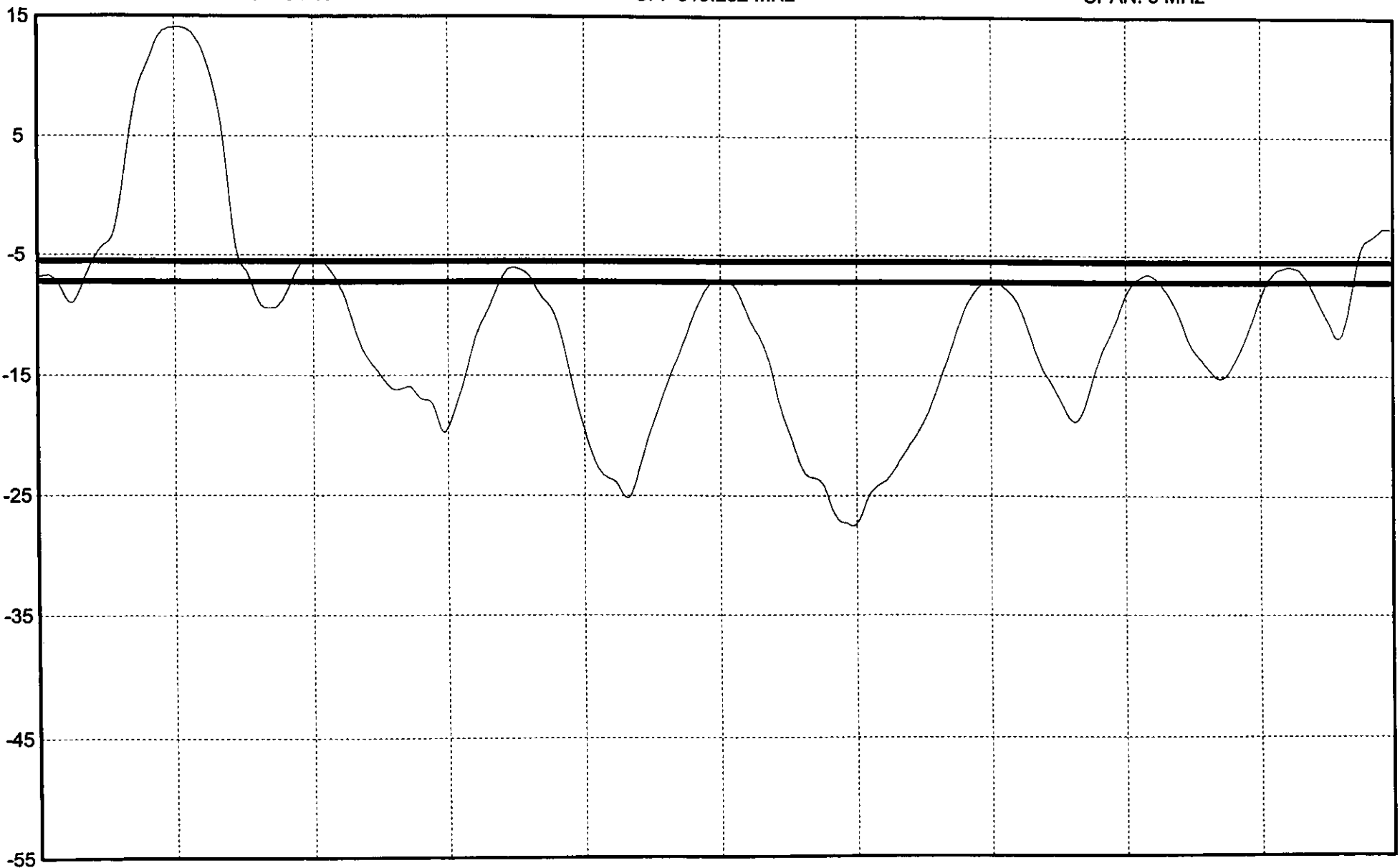
ATT: 15 dB

dBmV

Video Channel: 40

CF: 319.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.85 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : [REDACTED] ST of : SRTB

Site Id : TP06 Comments :

Date : February 13, 2009

Time : 01:21:35 PM

Mode : FR

Temp 64 F

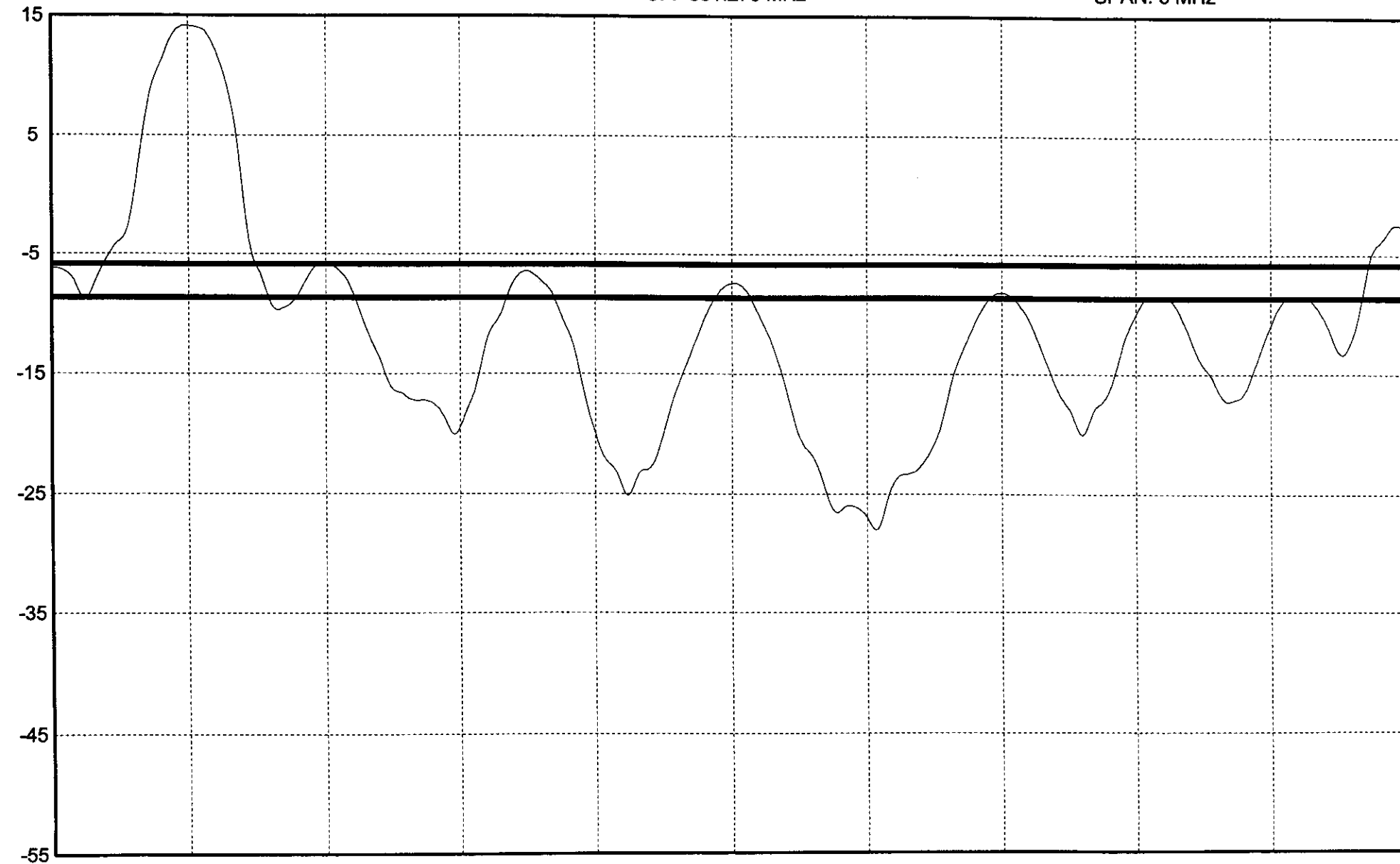
ATT: 15 dB

dBmV

Video Channel: 42

CF: 331.275 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.40 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : C. ST of : SRTB

Site Id : TP06 Comments :

Date : February 13, 2009

Time : 01:22:14 PM

Mode : FR

Temp 63 F

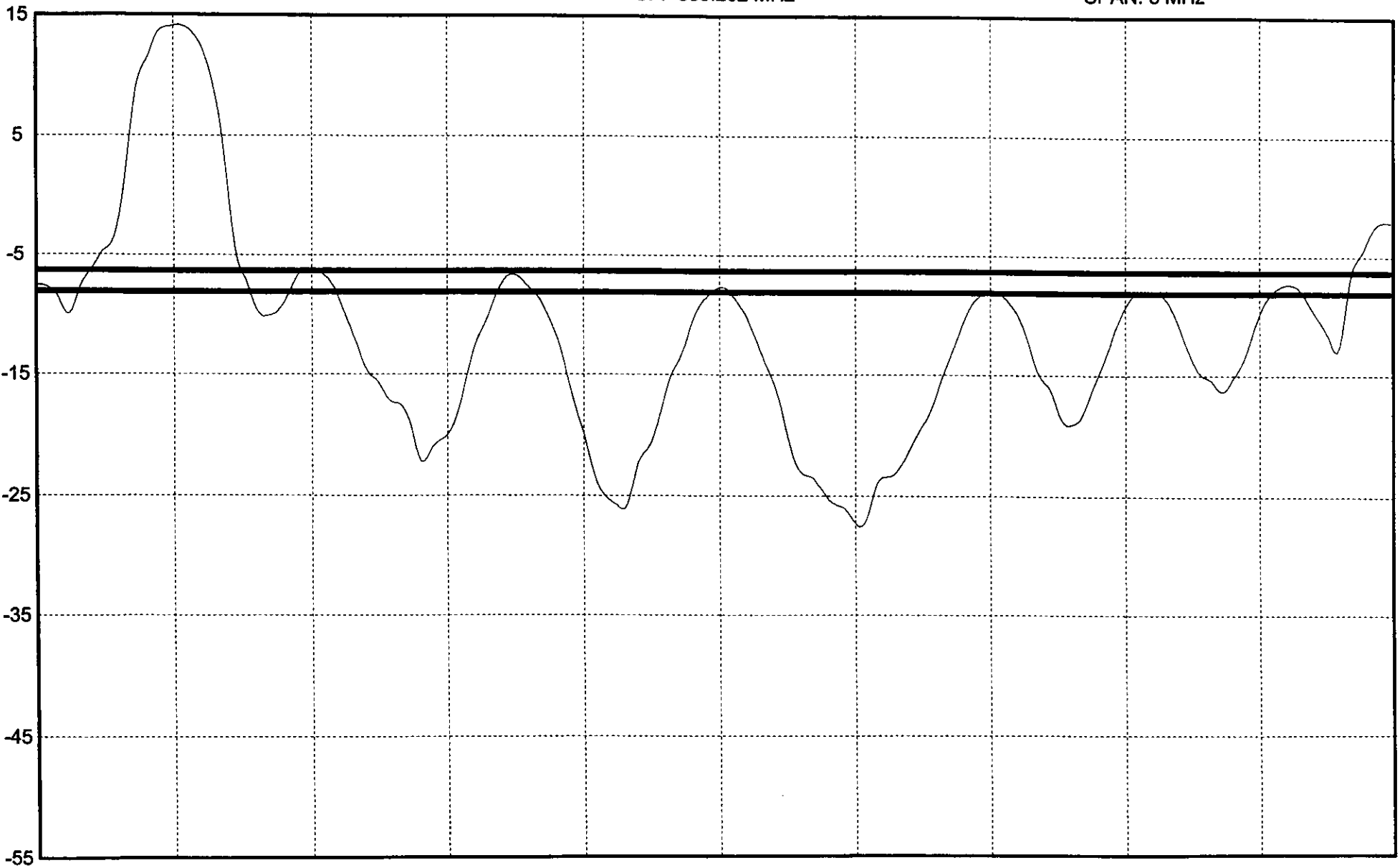
ATT: 15 dB

dBmV

Video Channel: 51

CF: 385.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.90 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : of : SRTB

Site Id : TP06 Comments :

Date : February 13, 2009

Time : 01:22:55 PM

Mode : FR

Temp 68 F

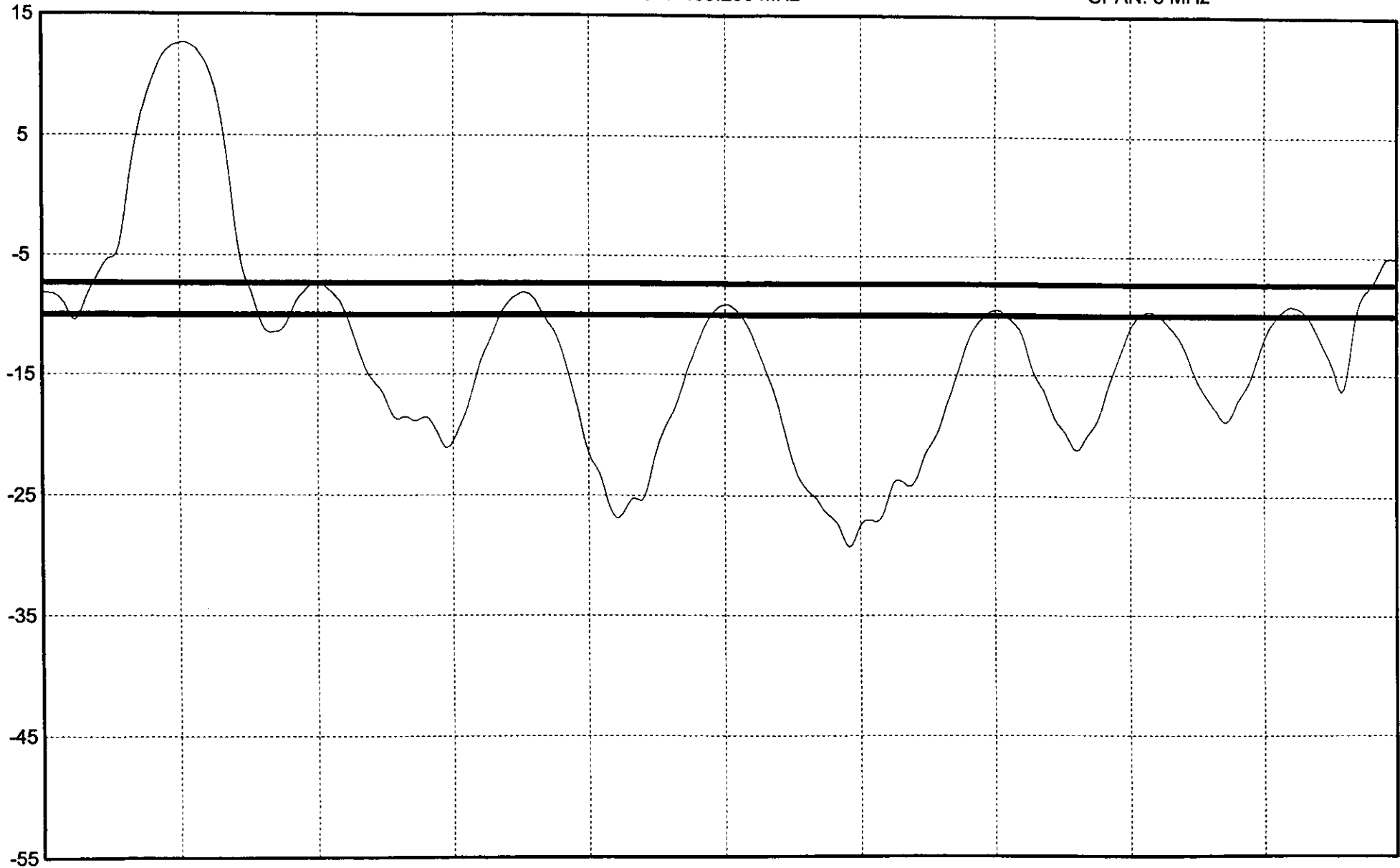
ATT: 15 dB

dBmV

Video Channel: 60

CF: 439.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.35 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : TEST of : SRTB

Site Id : TP06

Comments :

Mode : FR

Date : February 13, 2009

Time : 01:26:54 PM

Temp 73 F

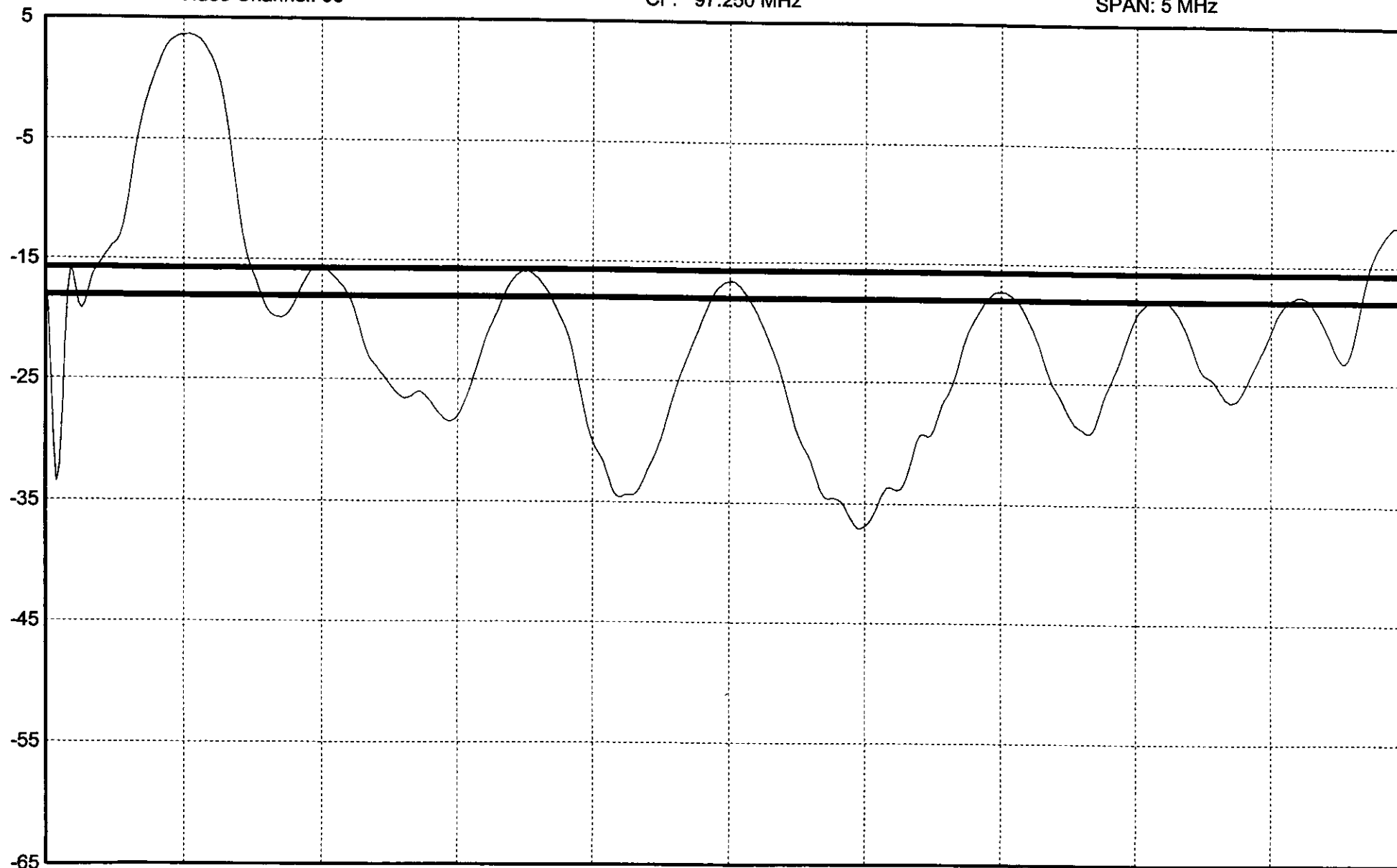
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.15 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Part 2A

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.5	15	7.5	PASS

Serial Number 4438-0902				Video Freq		Audio Freq		Video Amp		Audio Amp		Type		At end of 100'	
MHz	MHz			MHz	MHz	dBmV	dBmV		Adjacent	Adjacent	Audio Sep.	drop			
55.25	4.5	2	2	55.25037	59.75018	11.8	-2.6 TV	PASS				>=3dB, <15dB			
61.25	4.5	3	3	61.25037	65.75036	11.7	-5 TV	PASS	PASS	PASS	PASS	PASS			
67.25	4.5	4	4	67.24994	71.74991	10.2	-2.2 TV	PASS	PASS	PASS	PASS	PASS			
77.25	4.5	5	5	77.25059	81.75051	10.7	-6.2 TV	PASS	PASS	PASS	PASS	PASS			
83.25	4.5	6	6	83.24986	87.74978	10.2	-5.8 TV	PASS	PASS	PASS	PASS	PASS			
175.25	4.5	7	7	175.2504	179.75051	7.8	-8.9 TV	PASS	PASS	PASS	PASS	PASS			
181.25	4.5	8	8	181.2497	185.74956	8.7	-6.9 TV	PASS	PASS	PASS	PASS	PASS			
187.25	4.5	9	9	187.2508	191.75073	8.8	-8.1 TV	PASS	PASS	PASS	PASS	PASS			
193.25	4.5	10	10	193.2505	197.75042	7.7	-7.9 TV	PASS	PASS	PASS	PASS	PASS			
199.25	4.5	11	11	199.2504	203.75032	7.9	-8.2 TV	PASS	PASS	PASS	PASS	PASS			
205.25	4.5	12	12	205.2505	209.7507	7.5	-8.2 TV	PASS	PASS	PASS	PASS	PASS			
211.25	4.5	13	13	211.2507	215.75078	7.8	-9 TV	PASS	PASS	PASS	PASS	PASS			
133.262	4.5	14	16	133.2627	137.76282	9.1	-7.1 TV	PASS	PASS	PASS	PASS	PASS			
151.25	4.5	15	19	151.3206	155.82058	7.5	-3.9 TV	PASS	PASS	PASS	PASS	PASS			
157.25	4.5	16	20	157.2503	161.75031	8.7	-7.9 TV	PASS	PASS	PASS	PASS	PASS			
163.25	4.5	17	21	163.2486	167.74856	8.3	-7.6 TV	PASS	PASS	PASS	PASS	PASS			
169.25	4.5	18	22	169.2635	173.76331	8.5	-7.5 TV	PASS	PASS	PASS	PASS	PASS			
217.25	4.5	19	23	217.2515	221.75141	7.5	-7.8 TV	PASS	PASS	PASS	PASS	PASS			
223.25	4.5	20	24	223.2498	227.7499	8.2	-7.5 TV	PASS	PASS	PASS	PASS	PASS			
229.262	4.5	21	25	229.2626	233.7628	9.1	-7.2 TV	PASS	PASS	PASS	PASS	PASS			
235.262	4.5	22	26	235.2631	239.76311	8.8	-7.4 TV	PASS	PASS	PASS	PASS	PASS			
241.262	4.5	23	27	241.2636	245.76351	8.8	-7 TV	PASS	PASS	PASS	PASS	PASS			
247.262	4.5	24	28	247.2621	251.76197	9.6	-6.7 TV	PASS	PASS	PASS	PASS	PASS			
253.262	4.5	25	29	253.2621	257.76206	9.6	-4.6 TV	PASS	PASS	PASS	PASS	PASS			
259.262	4.5	26	30	259.2624	263.76254	11.3	-3.6 TV	PASS	PASS	PASS	PASS	PASS			
265.262	4.5	27	31	265.2616	269.76159	12.5	-4.1 TV	PASS	PASS	PASS	PASS	PASS			
271.262	4.5	28	32	271.2632	275.76323	11.2	-5.6 TV	PASS	PASS	PASS	PASS	PASS			
277.262	4.5	29	33	277.2598	281.75976	10.2	-6 TV	PASS	PASS	PASS	PASS	PASS			
283.262	4.5	30	34	283.2635	287.76347	9.1	-6.1 TV	PASS	PASS	PASS	PASS	PASS			
289.262	4.5	31	35	289.2589	293.75917	9.1	-7 TV	PASS	PASS	PASS	PASS	PASS			
295.262	4.5	32	36	295.2632	299.76316	9.7	-5.4 TV	PASS	PASS	PASS	PASS	PASS			
301.262	4.5	33	37	301.2637	305.76362	11	-4.1 TV	PASS	PASS	PASS	PASS	PASS			
307.262	4.5	34	38	307.2626	311.76247	11.8	-4.5 TV	PASS	PASS	PASS	PASS	PASS			
313.262	4.5	35	39	313.2638	317.76372	11.7	-4.8 TV	PASS	PASS	PASS	PASS	PASS			
319.262	4.5	36	40	319.2636	323.76381	11.1	-5.7 TV	PASS	PASS	PASS	PASS	PASS			
325.262	4.5	37	41	325.2631	329.76302	11	-5.2 TV	PASS	PASS	PASS	PASS	PASS			
331.275	4.5	38	42	331.2752	335.77513	11.4	-5.2 TV	PASS	PASS	PASS	PASS	PASS			
337.262	4.5	39	43	337.2653	341.76521	11.1	-4.6 TV	PASS	PASS	PASS	PASS	PASS			
343.262	4.5	40	44	343.2633	347.7633	11.3	-4.3 TV	PASS	PASS	PASS	PASS	PASS			
349.262	4.5	41	45	349.2623	353.76246	12.7	-3.2 TV	PASS	PASS	PASS	PASS	PASS			
355.262	4.5	42	46	355.2618	359.76174	13.2	-2.4 TV	PASS	PASS	PASS	PASS	PASS			
361.262	4.5	43	47	361.2651	365.76508	13.6	-2.9 TV	PASS	PASS	PASS	PASS	PASS			
367.262	4.5	44	48	367.2625	371.76243	13.2	-3 TV	PASS	PASS	PASS	PASS	PASS			
373.262	4.5	45	49	373.2629	377.76282	13.6	-2.5 TV	PASS	PASS	PASS	PASS	PASS			
379.262	4.5	46	50	379.2639	383.76408	13.4	-3.5 TV	PASS	PASS	PASS	PASS	PASS			
385.262	4.5	47	51	385.2625	389.76248	13	-3.1 TV	PASS	PASS	PASS	PASS	PASS			
391.262	4.5	48	52	391.2624	395.76227	13.4	-2.6 TV	PASS	PASS	PASS	PASS	PASS			
397.262	4.5	49	53	397.2636	401.76352	13	-2.6 TV	PASS	PASS	PASS	PASS	PASS			
403.25	4.5	50	54	403.2517	407.75168	13.6	-3 TV	PASS	PASS	PASS	PASS	PASS			
409.25	4.5	51	55	409.2514	413.75136	13.7	-1.5 TV	PASS	PASS	PASS	PASS	PASS			
415.25	4.5	52	56	415.2523	419.75231	15	-1.2 TV	PASS	PASS	PASS	PASS	PASS			
421.25	4.5	53	57	421.2518	425.75182	14.7	-1.3 TV	PASS	PASS	PASS	PASS	PASS			
427.25	4.5	54	58	427.2505	431.75046	14.2	-2.8 TV	PASS	PASS	PASS	PASS	PASS			
433.25	4.5	55	59	433.2512	437.75112	13.7	-3.2 TV	PASS	PASS	PASS	PASS	PASS			
439.25	4.5	56	60	439.2517	443.75172	12.4	-4.5 TV	PASS	PASS	PASS	PASS	PASS			
445.25	4.5	57	61	445.2518	449.7521	10.5	-5.9 TV	PASS	PASS	PASS	PASS	PASS			
451.25	4.5	58	62	451.2514	455.75133	8	-6.8 TV	PASS	PASS	PASS	PASS	PASS			
97.25	4.5	59	96	97.25035	101.75031	9.3	-6.1 TV	PASS	PASS	PASS	PASS	PASS			
103.25	4.5	60	97	103.263	107.76282	8.1	-5.7		PASS	PASS	PASS	PASS			

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP06-SPL
 Comments
 Date 14-Feb-09
 Time 12:04:35 AM
 Temperature 15 C
 Location Route 203 Austerlitz
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 20

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
1.9	10.6	8.7	PASS

				Video Freq Audio Freq Video Amp Audio Amp Type				At end of 100' drop >=3dB, <15dB			
MHz	MHz			MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	
55.25	4.5	2	2	55.25037	59.75014	3.6	-10.2 TV	PASS		PASS	PASS
61.25	4.5	3	3	61.25038	65.75032	4.1	-11.7 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.74992	3.9	-12.3 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25058	81.75049	4.1	-12.1 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.74985	4	-11.5 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.7505	3.9	-12.3 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74961	4.7	-11 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75085	4.6	-11.8 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75045	3.4	-12.1 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2502	203.75016	5	-9.1 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75071	3.7	-11.5 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75063	3.9	-12.1 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76265	3.8	-11.5 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82063	3.2	-8.1 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75017	4.3	-11.8 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74856	4	-11.4 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76342	4.2	-11.1 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75144	4.6	-9.7 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74973	6.3	-9.3 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2627	233.76286	7.3	-8.6 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76315	7.5	-8.2 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76349	7.8	-8.7 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.262	251.76211	7.5	-8.7 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76204	7.4	-7.4 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.76253	7	-7.9 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76159	9.3	-7.4 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76351	8.1	-8.1 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75978	7.8	-8.6 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76347	7.8	-7.7 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.7591	7.3	-9.4 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76326	7.6	-7.9 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2636	305.76359	8.2	-7.1 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2625	311.76246	8.6	-7.2 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76369	9	-7.4 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76383	8.4	-8.5 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2632	329.76314	7.9	-8.4 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2753	335.77521	8.1	-8.4 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76518	7.7	-8.1 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76325	7.8	-8 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.7624	9.5	-6.1 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2619	359.76178	9.7	-5.6 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76509	9.8	-6.4 TV	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2624	371.76241	8.6	-7.6 TV	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2628	377.76278	9.3	-6.8 TV	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2638	383.76403	9.3	-6.7 TV	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76242	8.8	-7 TV	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76227	9.8	-6 TV	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.76351	9.3	-6.5 TV	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.7517	9.7	-7 TV	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.7514	9.7	-5.8 TV	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75235	10.6	-5.9 TV	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75192	9.9	-5.8 TV	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2506	431.75063	9.5	-6.9 TV	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75115	9.2	-7.4 TV	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.7517	8.1	-7 TV	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75194	6.9	-9.9 TV	PASS	PASS	PASS	PASS
451.25	4.5	58	62	451.2513	455.75129	4	-10.4 TV	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25036	101.75032	3	-11.9 TV	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76283	1.9	-11.5	PASS	PASS	PASS	PASS

[illegible]

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: Rout 203 Austerlitz

Weather

Cloudy

Clear
Snow

Rain

Test Point #: TP 06

Date: 2/13/09 Time: 01:25 PM

Temperature: 25 F

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

			Carrier / Coherent Beat Ratios			
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	44.1	0.8%			62.5	58.8
11	46.7				62.3	60.6
22	46.6				59.9	57.2
23	45.2				55.3	60.5
40	47.3				55.9	62.8
42	47.5				55.6	61
51	47.3				55.9	61.2
60	47.8				56.1	61.6

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 06

TEST POINT LOCATION: Route 203 Austerlitz

TIME OF INITIAL READING: 7:10 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.7	29&30
2	2.9	61&62
3	2.3	61&62
4	2.9	61&62

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	7.5	12&56
2	7.4	62&56
3	7.3	12&56
4	8.4	97&56

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM PSID NUMBER: 014169
Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart, the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.5	15	7.5	PASS

MHz	MHz	MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	drop				
	55.25	4.5	2	2	55.25037	59.75018	11.8	-2.6 TV	PASS	PASS	PASS	PASS	>=3dB, <15dB
	61.25	4.5	3	3	61.25037	65.75036	11.7	-5 TV	PASS	PASS	PASS	PASS	
	67.25	4.5	4	4	67.24994	71.74991	10.2	-2.2 TV	PASS	PASS	PASS	PASS	
	77.25	4.5	5	5	77.25059	81.75051	10.7	-6.2 TV	PASS	PASS	PASS	PASS	
	83.25	4.5	6	6	83.24986	87.74978	10.2	-5.8 TV	PASS	PASS	PASS	PASS	
	175.25	4.5	7	7	175.2504	179.75051	7.8	-8.9 TV	PASS	PASS	PASS	PASS	
	181.25	4.5	8	8	181.2497	185.74956	8.7	-6.9 TV	PASS	PASS	PASS	PASS	
	187.25	4.5	9	9	187.2508	191.75073	8.8	-8.1 TV	PASS	PASS	PASS	PASS	
	193.25	4.5	10	10	193.2505	197.75042	7.7	-7.9 TV	PASS	PASS	PASS	PASS	
	199.25	4.5	11	11	199.2504	203.75032	7.9	-8.2 TV	PASS	PASS	PASS	PASS	
	205.25	4.5	12	12	205.2505	209.7507	7.5	-8.2 TV	PASS	PASS	PASS	PASS	
	211.25	4.5	13	13	211.2507	215.75078	7.8	-9 TV	PASS	PASS	PASS	PASS	
133.262		4.5	14	16	133.2627	137.76262	9.1	-7.1 TV	PASS	PASS	PASS	PASS	
151.25		4.5	15	19	151.3206	155.82058	7.5	-3.9 TV	PASS	PASS	PASS	PASS	
157.25		4.5	16	20	157.2503	161.75031	8.7	-7.9 TV	PASS	PASS	PASS	PASS	
163.25		4.5	17	21	163.2486	167.74856	8.3	-7.6 TV	PASS	PASS	PASS	PASS	
169.25		4.5	18	22	169.2635	173.76331	8.5	-7.5 TV	PASS	PASS	PASS	PASS	
217.25		4.5	19	23	217.2515	221.75141	7.5	-7.8 TV	PASS	PASS	PASS	PASS	
223.25		4.5	20	24	223.2498	227.7499	8.2	-7.5 TV	PASS	PASS	PASS	PASS	
229.262		4.5	21	25	229.2626	233.7628	9.1	-7.2 TV	PASS	PASS	PASS	PASS	
235.262		4.5	22	26	235.2631	239.76311	8.8	-7.4 TV	PASS	PASS	PASS	PASS	
241.262		4.5	23	27	241.2636	245.76351	8.8	-7 TV	PASS	PASS	PASS	PASS	
247.262		4.5	24	28	247.2621	251.76197	9.6	-6.7 TV	PASS	PASS	PASS	PASS	
253.262		4.5	25	29	253.2621	257.76206	9.6	-4.6 TV	PASS	PASS	PASS	PASS	
259.262		4.5	26	30	259.2624	263.76254	11.3	-3.6 TV	PASS	PASS	PASS	PASS	
265.262		4.5	27	31	265.2616	269.76159	12.5	-4.1 TV	PASS	PASS	PASS	PASS	
271.262		4.5	28	32	271.2632	275.76323	11.2	-5.6 TV	PASS	PASS	PASS	PASS	
277.262		4.5	29	33	277.2598	281.75976	10.2	-6 TV	PASS	PASS	PASS	PASS	
283.262		4.5	30	34	283.2635	287.76347	9.1	-6.1 TV	PASS	PASS	PASS	PASS	
289.262		4.5	31	35	289.2589	293.75917	9.1	-7 TV	PASS	PASS	PASS	PASS	
295.262		4.5	32	36	295.2632	299.76316	9.7	-5.4 TV	PASS	PASS	PASS	PASS	
301.262		4.5	33	37	301.2637	305.76362	11	-4.1 TV	PASS	PASS	PASS	PASS	
307.262		4.5	34	38	307.2626	311.76247	11.8	-4.5 TV	PASS	PASS	PASS	PASS	
313.262		4.5	35	39	313.2638	317.76372	11.7	-4.8 TV	PASS	PASS	PASS	PASS	
319.262		4.5	36	40	319.2636	323.76381	11.1	-5.7 TV	PASS	PASS	PASS	PASS	
325.262		4.5	37	41	325.2631	329.76302							

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.5	14.9	7.4	PASS

[illegible]

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.5	14.8	7.3	PASS

Serial Number 4438-0902				Video Freq Audio Freq Video Amf Audio Amf Type										At end of 100'	
MHz	MHz			MHz	MHz	dBmV	dBmV		Adjacent	Adjacent	Audio Sep.	drop			
55.25	4.5	2	2	55.25037	59.75018	11.8	-2.6 TV	PASS				>=3dB, <15dB			
61.25	4.5	3	3	61.25037	65.75036	11.7	-5 TV	PASS	PASS	PASS		PASS			
67.25	4.5	4	4	67.24994	71.74991	10	-2.2 TV	PASS	PASS	PASS		PASS			
77.25	4.5	5	5	77.25059	81.75051	10.7	-6.2 TV	PASS	PASS	PASS		PASS			
83.25	4.5	6	6	83.24986	87.74978	10.2	-5.8 TV	PASS	PASS	PASS		PASS			
175.25	4.5	7	7	175.2504	179.75051	7.8	-8.9 TV	PASS	PASS	PASS		PASS			
181.25	4.5	8	8	181.2497	185.74956	8.7	-6.9 TV	PASS	PASS	PASS		PASS			
187.25	4.5	9	9	187.2508	191.75073	8.8	-8.1 TV	PASS	PASS	PASS		PASS			
193.25	4.5	10	10	193.2505	197.75042	7.7	-7.9 TV	PASS	PASS	PASS		PASS			
199.25	4.5	11	11	199.2504	203.75032	7.9	-8.2 TV	PASS	PASS	PASS		PASS			
205.25	4.5	12	12	205.2505	209.7507	7.5	-8.2 TV	PASS	PASS	PASS		PASS			
211.25	4.5	13	13	211.2507	215.75078	7.8	-8 TV	PASS	PASS	PASS		PASS			
133.262	4.5	14	16	133.2627	137.76262	9.1	-7.1 TV	PASS	PASS	PASS		PASS			
151.25	4.5	15	19	151.3206	155.82058	7.5	-3.9 TV	PASS	PASS	PASS		PASS			
157.25	4.5	16	20	157.2503	161.75031	8.7	-7.9 TV	PASS	PASS	PASS		PASS			
163.25	4.5	17	21	163.2486	167.74856	8.3	-7.6 TV	PASS	PASS	PASS		PASS			
169.25	4.5	18	22	169.2635	173.76331	8.5	-7.5 TV	PASS	PASS	PASS		PASS			
217.25	4.5	19	23	217.2515	221.75141	7.5	-7.8 TV	PASS	PASS	PASS		PASS			
223.25	4.5	20	24	223.2498	227.7499	8.2	-7.5 TV	PASS	PASS	PASS		PASS			
229.262	4.5	21	25	229.2626	233.7628	9.1	-7.2 TV	PASS	PASS	PASS		PASS			
235.262	4.5	22	26	235.2631	239.76311	8.8	-7.4 TV	PASS	PASS	PASS		PASS			
241.262	4.5	23	27	241.2636	245.76351	8.8	-7 TV	PASS	PASS	PASS		PASS			
247.262	4.5	24	28	247.2621	251.76197	9.6	-6.7 TV	PASS	PASS	PASS		PASS			
253.262	4.5	25	29	253.2621	257.76206	9.6	-4.6 TV	PASS	PASS	PASS		PASS			
259.262	4.5	26	30	259.2624	263.76254	11.3	-3.6 TV	PASS	PASS	PASS		PASS			
265.262	4.5	27	31	265.2616	269.76159	12.5	-4.1 TV	PASS	PASS	PASS		PASS			
271.262	4.5	28	32	271.2632	275.76323	11.2	-5.6 TV	PASS	PASS	PASS		PASS			
277.262	4.5	29	33	277.2598	281.75976	10.2	-5.9 TV	PASS	PASS	PASS		PASS			
283.262	4.5	30	34	283.2635	287.76347	9.1	-6.1 TV	PASS	PASS	PASS		PASS			
289.262	4.5	31	35	289.2589	293.75917	9.1	-6.7 TV	PASS	PASS	PASS		PASS			
295.262	4.5	32	36	295.2632	299.76316	9.7	-5.4 TV	PASS	PASS	PASS		PASS			
301.262	4.5	33	37	301.2637	305.76362	11	-4.1 TV	PASS	PASS	PASS		PASS			
307.262	4.5	34	38	307.2626	311.76247	11.8	-4.5 TV	PASS	PASS	PASS		PASS			
313.262	4.5	35	39	313.2638	317.76372	11.7	-4.8 TV	PASS	PASS	PASS		PASS			
319.262	4.5	36	40	319.2636	323.76381	11.1	-5.7 TV	PASS	PASS	PASS		PASS			
325.262	4.5	37	41	325.2631	329.76302	11	-5.2 TV	PASS	PASS	PASS		PASS			
331.275	4.5	38	42	331.2752	335.77513	11.4	-5.2 TV	PASS	PASS	PASS		PASS			
337.262	4.5	39	43	337.2653	341.76521	11.1	-4.6 TV	PASS	PASS	PASS		PASS			
343.262	4.5	40	44	343.2633	347.7633	11.3	-4.3 TV	PASS	PASS	PASS		PASS			
349.262	4.5	41	45	349.2623	353.76246	12.7	-3.2 TV	PASS	PASS	PASS		PASS			
355.262	4.5	42	46	355.2618	359.76174	13.2	-2.4 TV	PASS	PASS	PASS		PASS			
361.262	4.5	43	47	361.2651	365.76508	13.6	-2.9 TV	PASS	PASS	PASS		PASS			
367.262	4.5	44	48	367.2625	371.76243	13.2	-3 TV	PASS	PASS	PASS		PASS			
373.262	4.5	45	49	373.2629	377.76282	13.6	-2 TV	PASS	PASS	PASS		PASS			
379.262	4.5	46	50	379.2639	383.76408	13.4	-3.5 TV	PASS	PASS	PASS		PASS			
385.262	4.5	47	51	385.2625	389.76248	13	-3.1 TV	PASS	PASS	PASS		PASS			
391.262	4.5	48	52	391.2624	395.76227	13.4	-2.6 TV	PASS	PASS	PASS		PASS			
397.262	4.5	49	53	397.2636	401.76352	13	-2.6 TV	PASS	PASS	PASS		PASS			
403.25	4.5	50	54	403.2517	407.75168	13.6	-3 TV	PASS	PASS	PASS		PASS			
409.25	4.5	51	55	409.2514	413.75136	13.7	-1.5 TV	PASS	PASS	PASS		PASS			
415.25	4.5	52	56	415.2523	419.75231	14.8	-1.2 TV	PASS	PASS	PASS		PASS			
421.25	4.5	53	57	421.2518	425.75182	14.7	-1.3 TV	PASS	PASS	PASS		PASS			
427.25	4.5	54	58	427.2505	431.75046	14.2	-2.8 TV	PASS	PASS	PASS		PASS			
433.25	4.5	55	59	433.2512	437.75112	13.7	-3.2 TV	PASS	PASS	PASS		PASS			
439.25	4.5	56	60	439.2517	443.75172	12.4	-4.6 TV	PASS	PASS	PASS		PASS			
445.25	4.5	57	61	445.2518	449.7521	10.5	-5.9 TV	PASS	PASS	PASS		PASS			
451.25	4.5	58	62	451.2514	455.75133	8.2	-7.8 TV	PASS	PASS	PASS		PASS			
97.25	4.5	59	96	97.25035	101.75031	9.3	-6.1 TV	PASS	PASS	PASS		PASS			
103.25	4.5	60	97	103.263	107.76282	8.1	-5.7	PASS	PASS	PASS		PASS			

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP06-4
 Comments
 Date 14-Feb-09
 Time 12:03:00 AM
 Temperature 15 C
 Location Route 203 Austerlitz
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.4	13.8	8.4	PASS

MHz	MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
55.25	4.5	2	2	55.25038	59.75019	7	-6.9 TV	PASS	PASS	PASS
61.25	4.5	3	3	61.25037	65.75033	7.7	-8.7 TV	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.74988	7.3	-9.2 TV	PASS	PASS	PASS
77.25	4.5	5	5	77.25057	81.75048	7.5	-9 TV	PASS	PASS	PASS
83.25	4.5	6	6	83.24986	87.74981	7.6	-8.3 TV	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.75054	7.5	-8.9 TV	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74962	8.2	-7.8 TV	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.7508	8.2	-8.8 TV	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75044	7.1	-8.7 TV	PASS	PASS	PASS
199.25	4.5	11	11	199.2502	203.75016	8.4	-5.8 TV	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.7507	7.2	-8.2 TV	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75065	7.3	-9.1 TV	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76263	7.3	-8.3 TV	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82065	6.6	-4.6 TV	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.7502	7.7	-8 TV	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74837	7.5	-8.2 TV	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.7634	7.6	-8 TV	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75143	8.1	-6.5 TV	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74964	9.7	-6.1 TV	PASS	PASS	PASS
229.262	4.5	21	25	229.2627	233.76284	10.8	-5.3 TV	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76311	10.9	-5 TV	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76353	11.2	-5.4 TV	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.76201	11	-5.5 TV	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76204	11	-3.7 TV	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.76259	10.6	-4.3 TV	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76152	12.7	-3.9 TV	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76324	11.7	-4.8 TV	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75975	11.4	-5.3 TV	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76347	11.4	-4.1 TV	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75914	10.9	-6.1 TV	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.7632	11.4	-4.6 TV	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76365	11.7	-3.6 TV	PASS	PASS	PASS
307.262	4.5	34	38	307.2625	311.76251	12.2	-3.9 TV	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76373	12.6	-3.8 TV	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76383	12	-4.9 TV	PASS	PASS	PASS
325.262	4.5	37	41	325.2632	329.76313	11.5	-5 TV	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77522	11.5	-5.2 TV	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76523	11.2	-4.8 TV	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76327	11.4	-4.8 TV	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76246	12.9	-2.8 TV	PASS	PASS	PASS
355.262	4.5	42	46	355.2619	359.76181	13	-2.5 TV	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	13.2	-2.9 TV	PASS	PASS	PASS
367.262	4.5	44	48	367.2624	371.76243	12	-4.3 TV	PASS	PASS	PASS
373.262	4.5	45	49	373.2628	377.76276	12.7	-3.6 TV	PASS	PASS	PASS
379.262	4.5	46	50	379.2638	383.76401	12.5	-4 TV	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76249	12.3	-3.9 TV	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76231	12.9	-3 TV	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.76359	12.5	-3.3 TV	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75162	12.9	-3.9 TV	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75138	12.9	-2.7 TV	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75238	13.8	-2.6 TV	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75188	13.2	-2.8 TV	PASS	PASS	PASS
427.25	4.5	54	58	427.2507	431.75057	12.8	-3.8 TV	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75114	12.5	-4.1 TV	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75168	11.4	-4.8 TV	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.752	10.3	-6.2 TV	PASS	PASS	PASS
451.25	4.5	58	62	451.2513	455.75129	7.4	-7.3 TV	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.75033	6.6	-8.6 TV	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76284	5.4	-8.3	PASS	PASS	PASS

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #: 014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham **PSID #: 014169** **Technician : Dan Carrasquillo**

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Route 22 Copake Weather Cloudy Clear Rain
 Test Point #: TP07 Date: 2-13-09 Time: 6:40 AM Temperature 15 f Snow

[illegible]

HEADEND: Chatham

PSID #: 014169

TECHNICIAN: Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Clear

Rain

Test Point Location: Cherry Plain Berlin Weather Cloudy

Test Point #: TP07Date: 2/13/09Time: 6:40 AMTemperature 15f_____[illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-07
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 11

Measured Response: 1.10
Date/Time: 02/17/09 12:01

PLACE PICTURE
HERE

Channel: 22

Measured Response: 0.75
Date/Time: 02/17/09 12:13

PLACE PICTURE
HERE

Channel: 23

Measured Response: 1.05
Date/Time: 02/17/09 12:14

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure to Read Copy of this Page. It is Assigned to All Personnel. Include Date, Picture, Frequency, Channel, Location (See Instructions on Page 1)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-07
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 40
Scale:  dBm
Measured Response: 0.80
Date/Time: 02/17/09 12:15

PLACE PICTURE
HERE

Channel: 42
Scale:  dBm
Measured Response: 1.25
Date/Time: 02/17/09 12:16

PLACE PICTURE
HERE

Channel: 51
Scale:  dBm
Measured Response: 1.10
Date/Time: 02/17/09 12:16

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham PSID Number: 014169 Technician: Dan Carrasquillo	This sufficient copies of this page to accommodate all pictures Exhibit One Picture Version of Data IS-130 (Rev. 01/99)
--	--

Test Point # TP-07
Test Point Frequency Response (6 MHz)

PLACE PICTURE
 HERE

Channel: 60
Scale: 2 dB/div
Measured Response: 0.90
Date/Time: 02/17/09 12:17

PLACE PICTURE
 HERE

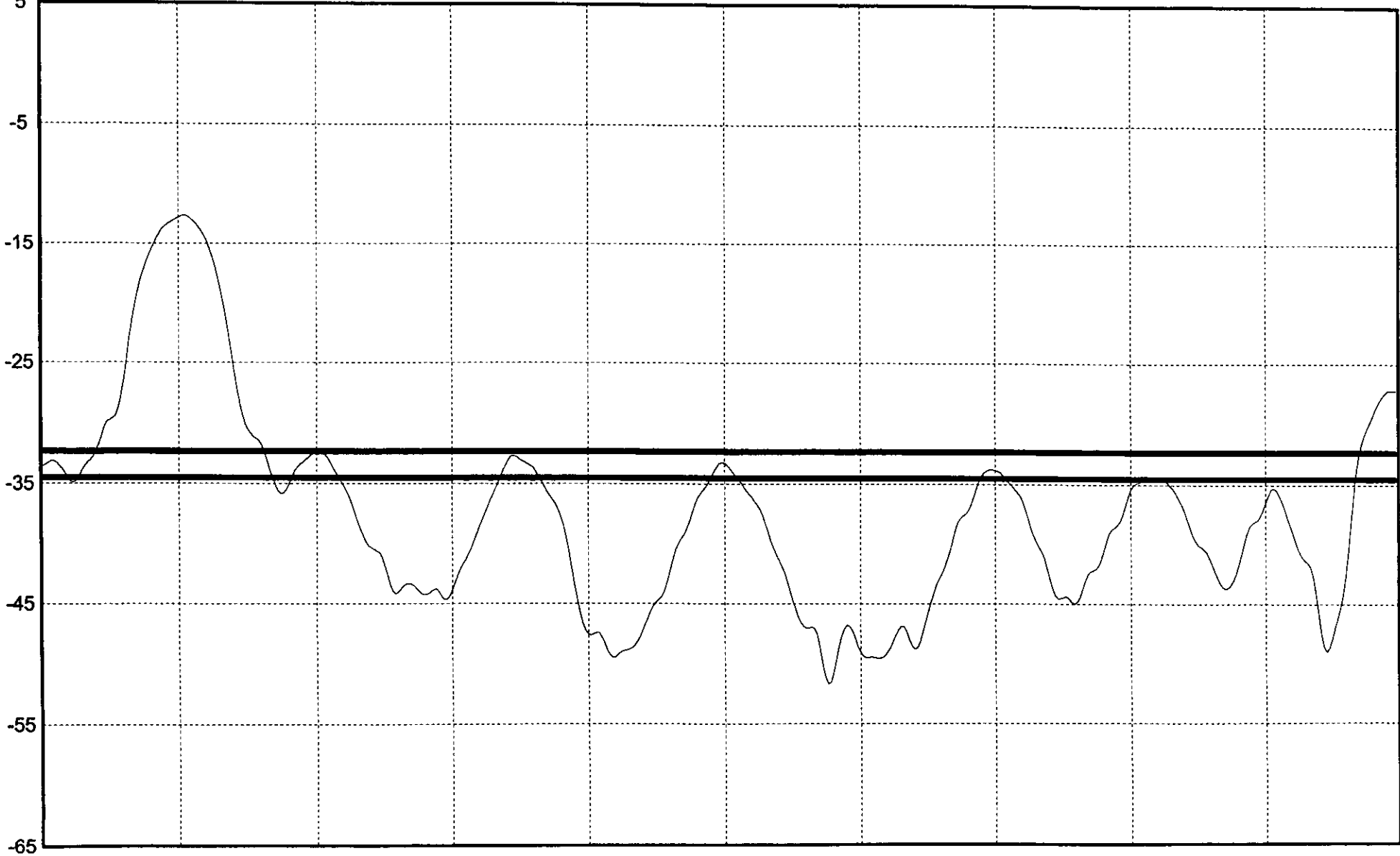
Channel: 96
Scale: 1 dB/div
Measured Response: 1.40
Date/Time: 02/17/09 12:00

PLACE PICTURE
 HERE

Channel:
Scale: 2 dB/div
Measured Response:
Date/Time:

Tech. Name : C ST of : SRTB
Site Id : TP07 Comments :
Date : February 17, 2009 Time : 12:01:35 PM Mode : FR Temp 72 F

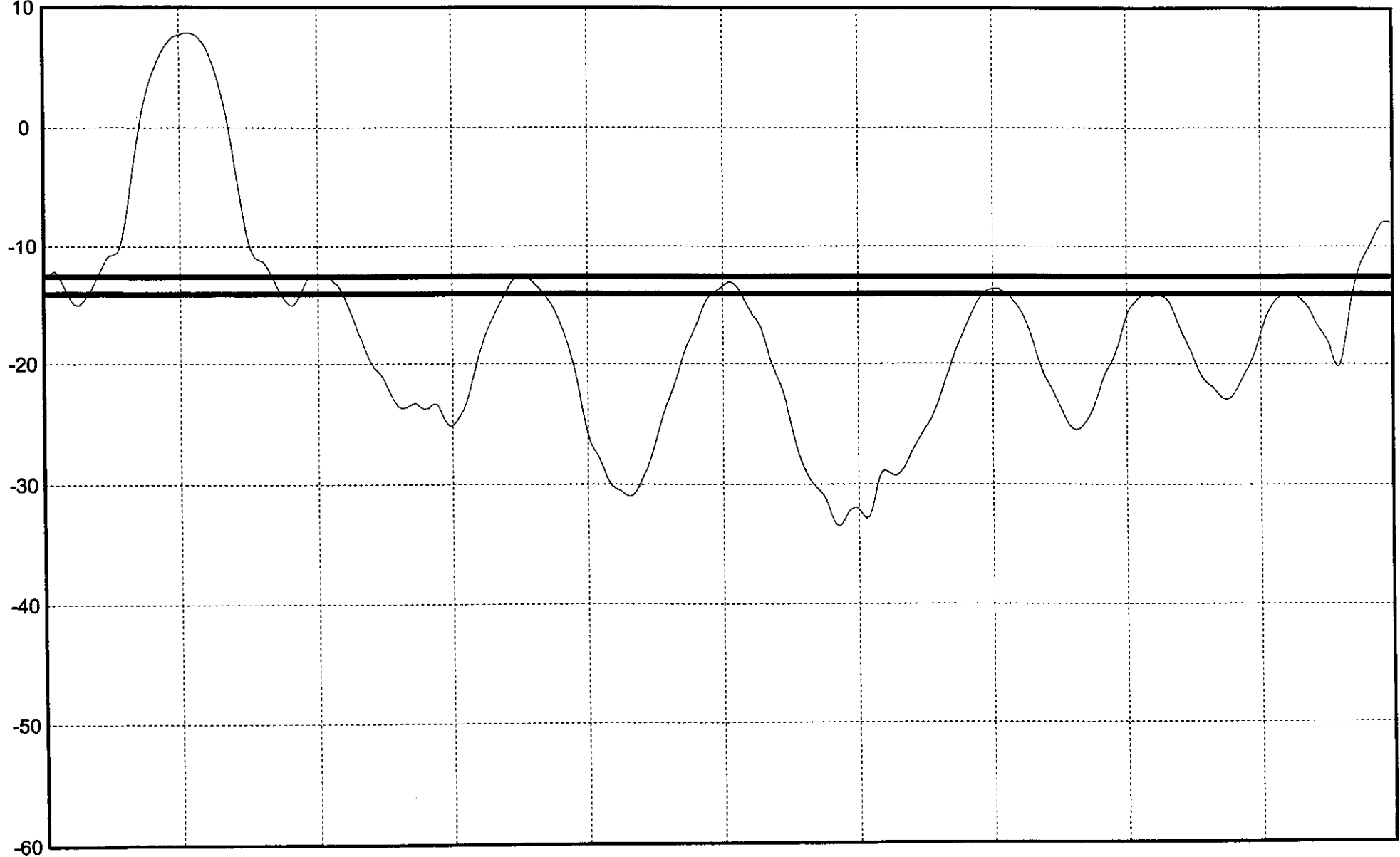
ATT: 5 dB Video Channel: 11 CF: 199.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.10 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : C. EST of : SRTB
Site Id : TP07 Comments : Mode : FR
Date : February 17, 2009 Time : 12:13:39 PM Temp 63 F

ATT: 10 dB Video Channel: 22 CF: 169.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 0.75 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : C. EST of : SRTB

Site Id : TP07 Comments :

Mode : FR

Date : February 17, 2009

Time : 12:14:31 PM

Temp 63 F

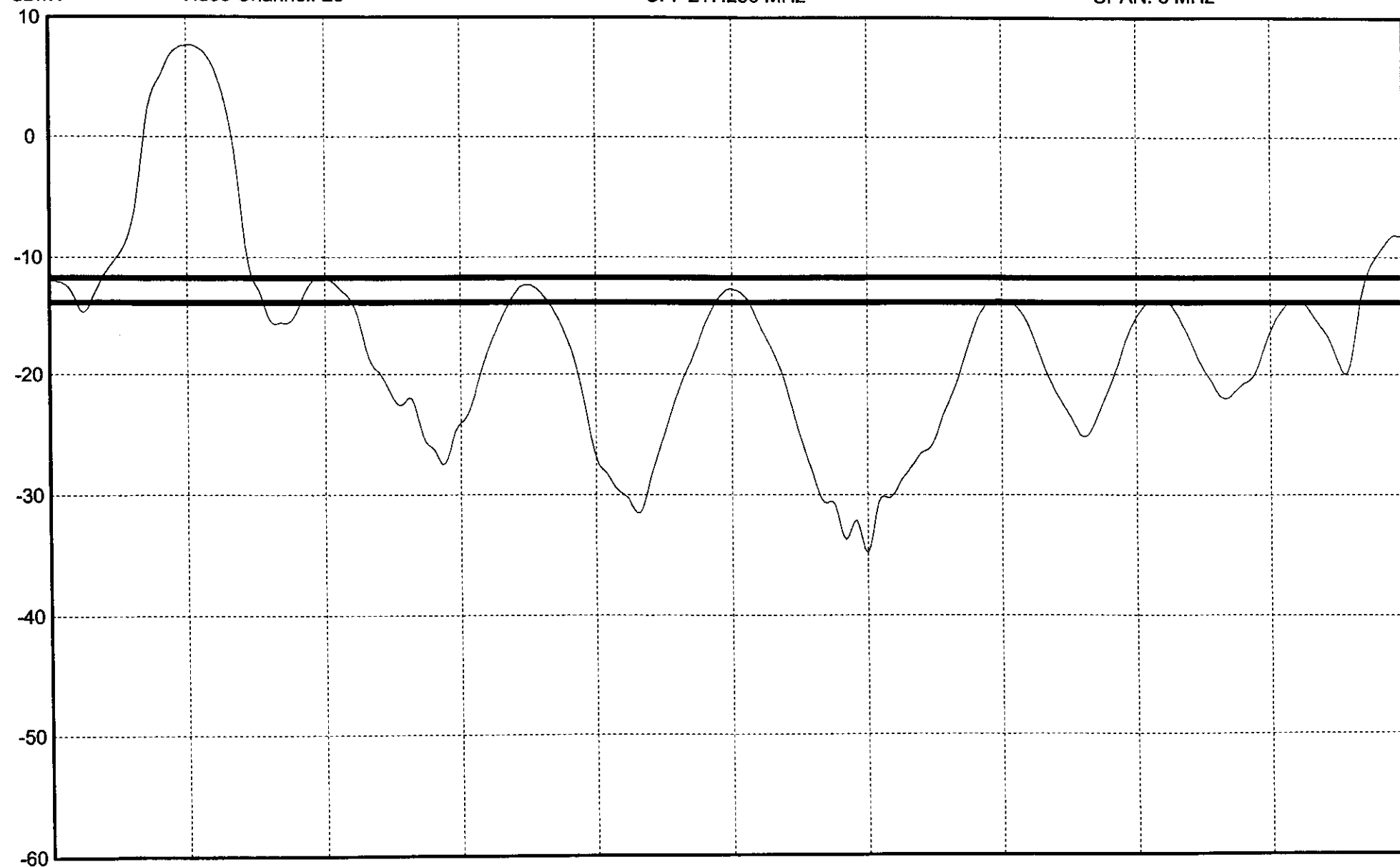
ATT: 10 dB

dBmV

Video Channel: 23

CF: 217.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.05 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : CLEST of : SRTB

Site Id : TP07 Comments :

Date : February 17, 2009

Time : 12:15:17 PM

Mode : FR

Temp 63 F

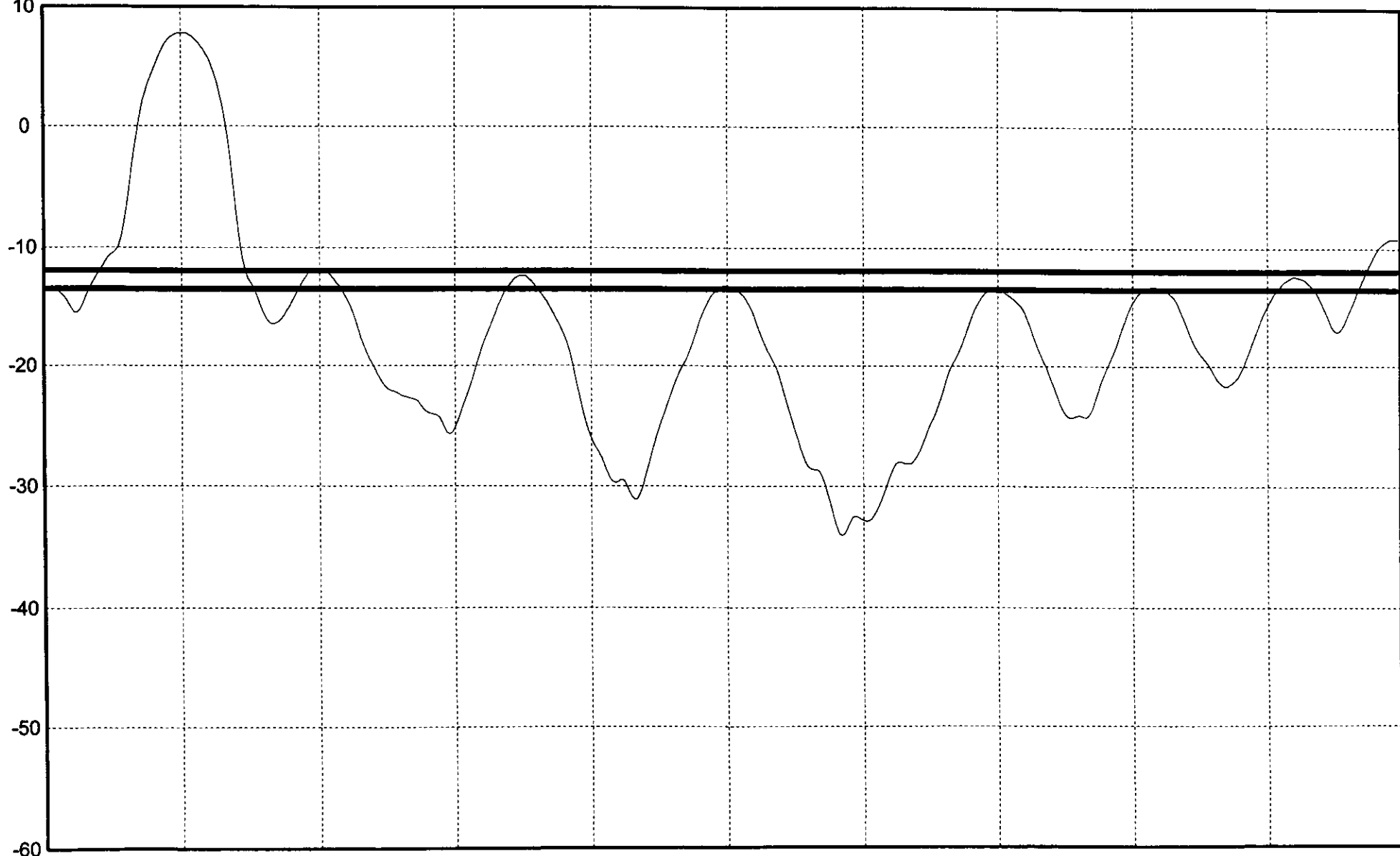
ATT: 10 dB

dBmV

Video Channel: 40

CF: 319.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.80 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : GUEST of : SRTB

Site Id : TP07 Comments :

Date : February 17, 2009

Time : 12:16:02 PM

Mode : FR

Temp 61 F

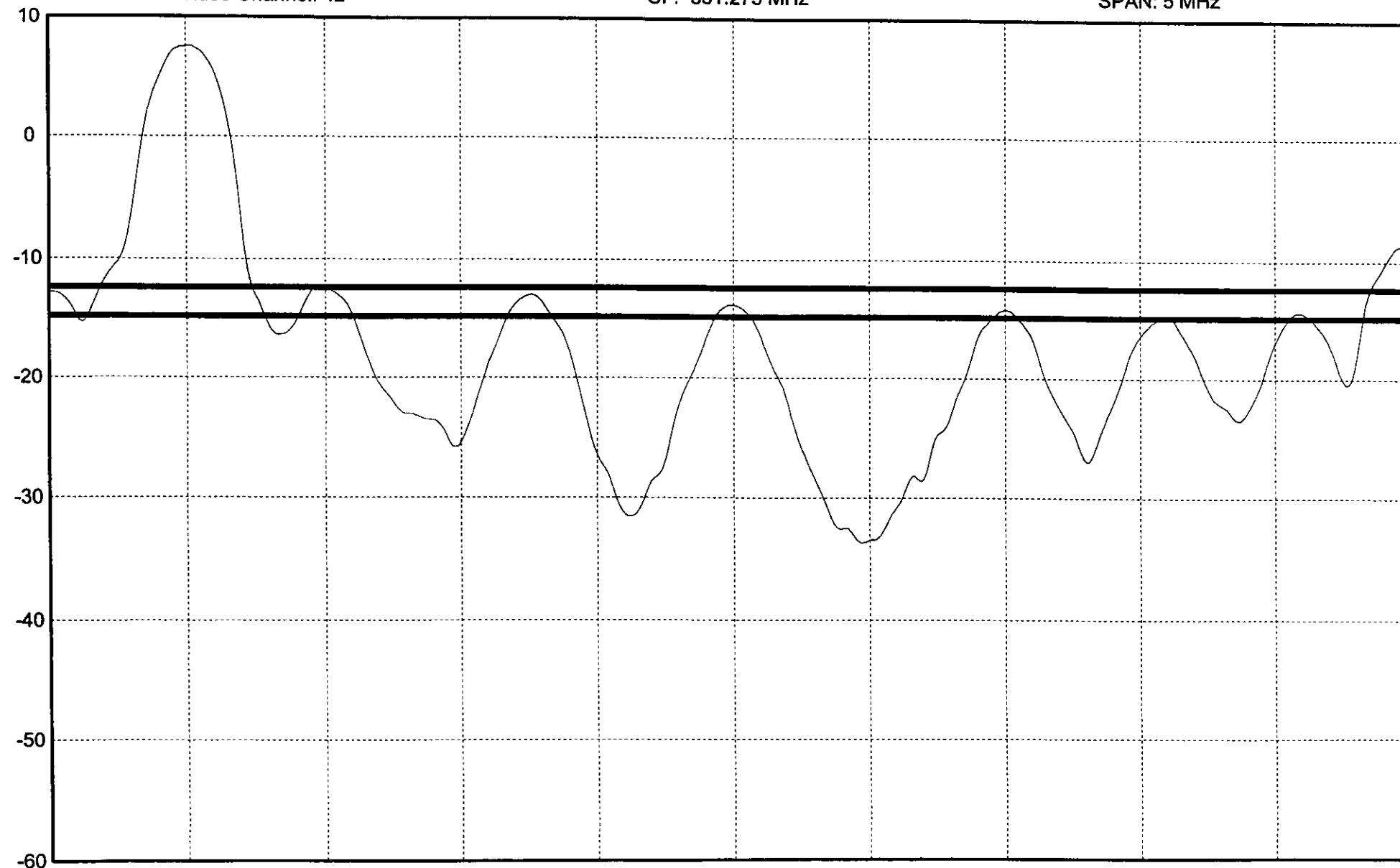
ATT: 10 dB

dBmV

Video Channel: 42

CF: 331.275 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.25 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : C. EST of : SRTB

Site Id : TP07 Comments :

Mode : FR

Date : February 17, 2009

Time : 12:16:50 PM

Temp 61 F

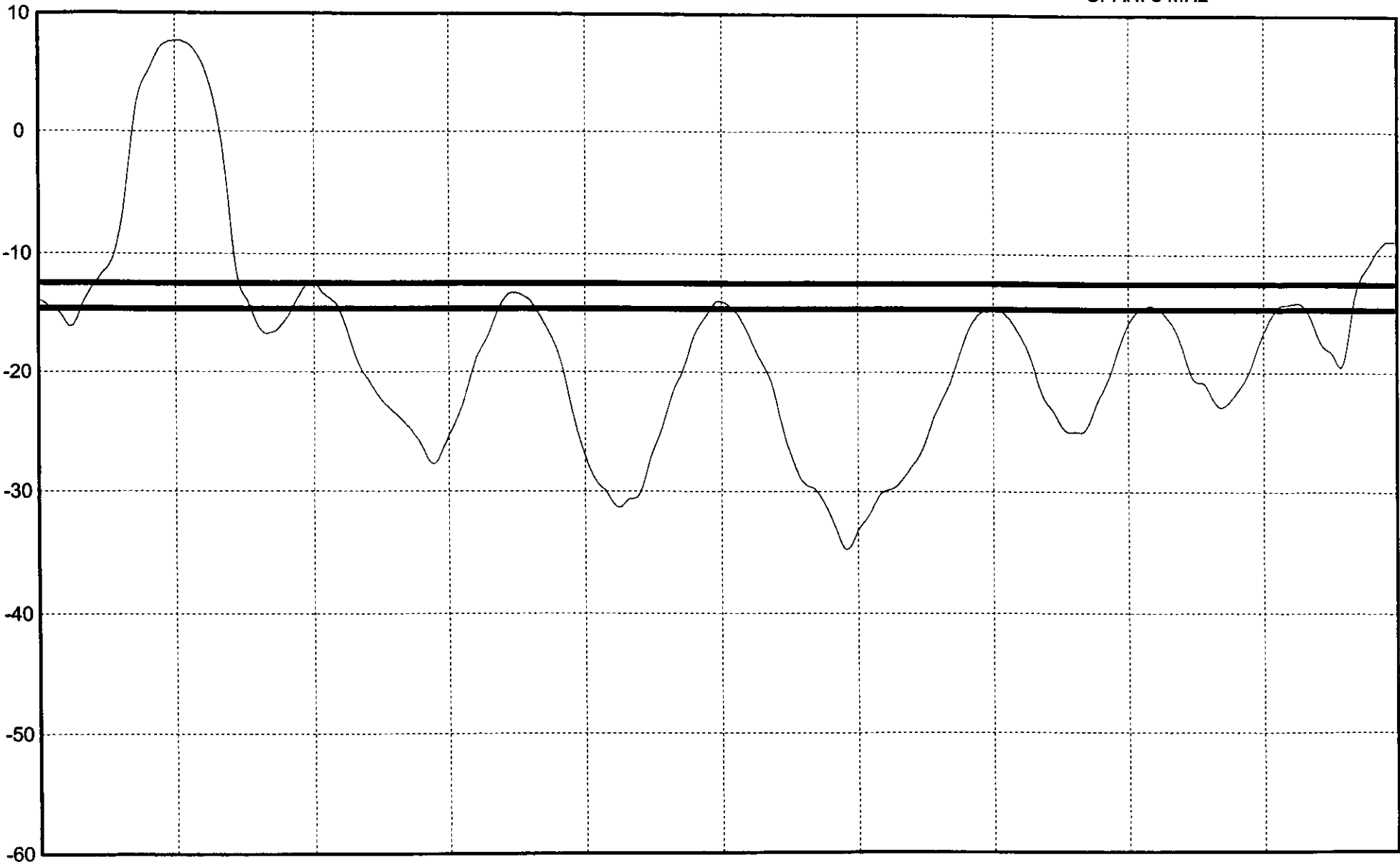
ATT: 10 dB

dBmV

Video Channel: 51

CF: 385.262 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.10 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : J. EST of : SRTB

Site Id : TP07 Comments :

Date : February 17, 2009

Time : 12:17:34 PM

Mode : FR

Temp 63 F

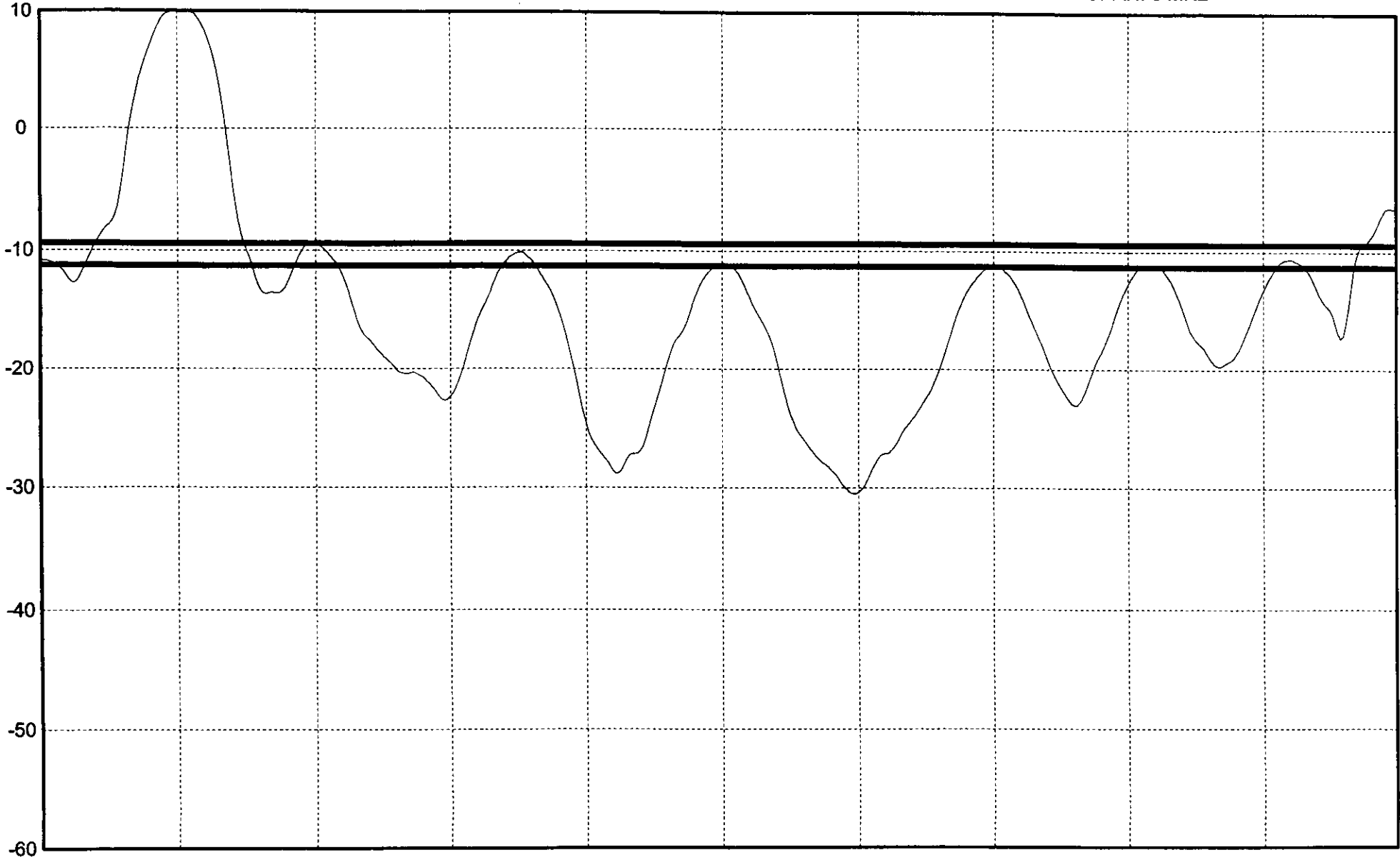
ATT: 10 dB

dBmV

Video Channel: 60

CF: 439.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.90 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : ST of : SRTB

Site Id : TP07 Comments :

Date : February 17, 2009

Time : 12:00:46 PM

Mode : FR

Temp 70 F

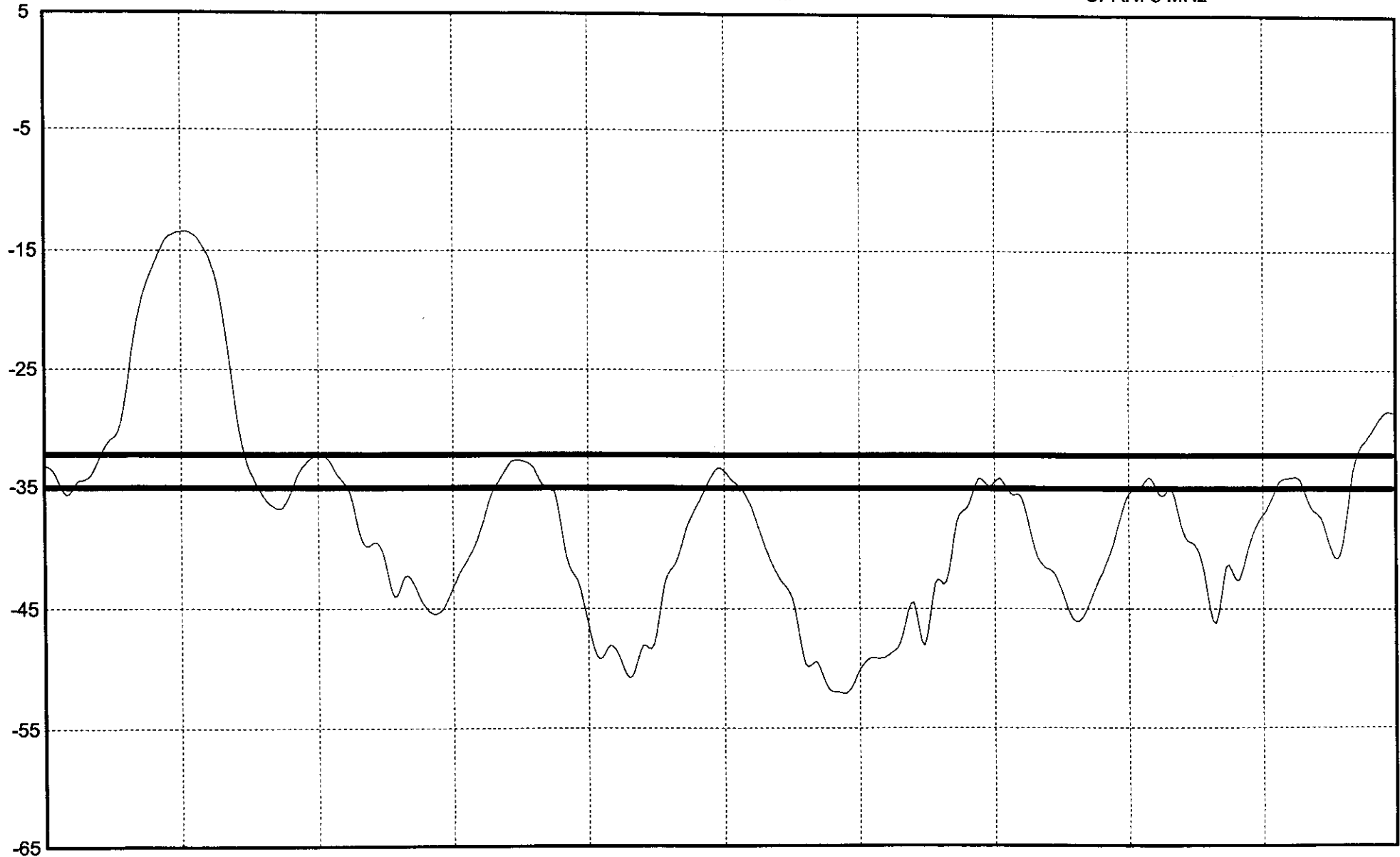
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.40 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Part 2A

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
9.5	13.3	3.8	PASS

Serial Number	4438-0902	Video Freq	Audio Freq	Video Amp	Audio Amp	Type
---------------	-----------	------------	------------	-----------	-----------	------

Serial Number 4400-0502		Video Freq		Audio Freq		Video Amp		Audio Amp		Type			At end of 100'
MHz	MHz			MHz	MHz	dBmV	dBmV			Adjacent	Adjacent	Audio Sep.	drop
													>=3dB, <15dB
55.25	4.5	2	2	55.25037	59.75025	13.4	-1.2 TV	PASS					PASS
61.25	4.5	3	3	61.25037	65.75025	13.2	-3 TV	PASS	PASS	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.24994	71.74988	10.3	-0.1 TV	PASS	PASS	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25059	81.75049	13.3	-3.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24986	87.74979	12.9	-2.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.75056	12	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74961	12.5	-3.8 TV	PASS	PASS	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75075	12.5	-3.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75042	11.4	-4.1 TV	PASS	PASS	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75032	11.9	-4.1 TV	PASS	PASS	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.7507	11.6	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75078	11	-5.4 TV	PASS	PASS	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76266	13.2	-2.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82067	12.1	0.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75021	12.9	-3.7 TV	PASS	PASS	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74855	12.6	-3.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76339	12.5	-3.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75143	11.2	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74972	11.2	-5.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2626	233.76282	11.1	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76304	11.1	-5 TV	PASS	PASS	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76351	11.3	-5.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.76214	11.2	-5.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76202	11	-4.8 TV	PASS	PASS	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.7626	10.6	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76165	11	-5 TV	PASS	PASS	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76333	10.8	-5.4 TV	PASS	PASS	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75972	10.7	-5.4 TV	PASS	PASS	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76352	10.8	-4.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75908	10.6	-5.7 TV	PASS	PASS	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76315	10.8	-5.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76366	10.2	-5.8 TV	PASS	PASS	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.76251	9.9	-6.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76373	10.1	-5.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76379	10.5	-6.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.76302	9.9	-6.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.7752	9.7	-6.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76521	9.5	-6.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76328	9.9	-6 TV	PASS	PASS	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76245	10.6	-5.1 TV	PASS	PASS	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.76178	11.2	-4.8 TV	PASS	PASS	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.7651	11.6	-5.1 TV	PASS	PASS	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76225	11.2	-5.7 TV	PASS	PASS	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.76289	11.2	-5.3 TV	PASS	PASS	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2639	383.76407	10.4	-6.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76243	10.4	-6.1 TV	PASS	PASS	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2623	395.76227	10.8	-5.2 TV	PASS	PASS	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.76335	10.4	-5.6 TV	PASS	PASS	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75164	10.5	-6 TV	PASS	PASS	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75137	10.7	-5 TV	PASS	PASS	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.75232	11.9	-3.5 TV	PASS	PASS	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75183	12.7	-2.8 TV	PASS	PASS	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2505	431.75041	12.8	-4.2 TV	PASS	PASS	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75114	12.4	-3.4 TV	PASS	PASS	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75166	12.9	-3.4 TV	PASS	PASS	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75197	13.1	-3.9 TV	PASS	PASS	PASS	PASS	PASS	PASS
451.25	4.5	58	62	451.2514	455.75135	12.9	-3 TV	PASS	PASS	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.75038	12.4	-2.8 TV	PASS	PASS	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76283	11.6	-2.2	PASS	PASS	PASS	PASS	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Part 2B

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.2	10.1	4.9	PASS

Serial Number 4438-0902				Video Freq		Audio Freq		Video Amp		Audio Amp		Type		At end of 100'	
MHz	MHz			MHz	MHz	dBmV	dBmV		Adjacent	Adjacent	Audio Sep.	drop			
	55.25	4.5	2	2	55.25038	59.75012	8.3	-6.1 TV	PASS			>=3dB, <15dB			
	61.25	4.5	3	3	61.25038	65.75032	8.6	-8 TV	PASS	PASS	PASS	PASS			
	67.25	4.5	4	4	67.24993	71.74982	8	-8.6 TV	PASS	PASS	PASS	PASS			
	77.25	4.5	5	5	77.25058	81.7505	8.1	-8.2 TV	PASS	PASS	PASS	PASS			
	83.25	4.5	6	6	83.24986	87.74992	8.2	-7.6 TV	PASS	PASS	PASS	PASS			
	175.25	4.5	7	7	175.2504	179.7505	7.4	-9.1 TV	PASS	PASS	PASS	PASS			
	181.25	4.5	8	8	181.2496	185.74956	8	-8 TV	PASS	PASS	PASS	PASS			
	187.25	4.5	9	9	187.2508	191.75078	8	-8.7 TV	PASS	PASS	PASS	PASS			
	193.25	4.5	10	10	193.2505	197.7504	7.1	-8.4 TV	PASS	PASS	PASS	PASS			
	199.25	4.5	11	11	199.2502	203.75012	9.3	-5.1 TV	PASS	PASS	PASS	PASS			
	205.25	4.5	12	12	205.2505	209.75069	7.6	-8.3 TV	PASS	PASS	PASS	PASS			
	211.25	4.5	13	13	211.2507	215.75065	7.5	-8.8 TV	PASS	PASS	PASS	PASS			
	133.262	4.5	14	16	133.2627	137.76265	8.5	-7.2 TV	PASS	PASS	PASS	PASS			
	151.25	4.5	15	19	151.3206	155.82062	7.4	-4.2 TV	PASS	PASS	PASS	PASS			
	157.25	4.5	16	20	157.2503	161.75023	8.1	-8.3 TV	PASS	PASS	PASS	PASS			
	163.25	4.5	17	21	163.2486	167.74856	7.9	-8 TV	PASS	PASS	PASS	PASS			
	169.25	4.5	18	22	169.2635	173.76335	7.7	-8 TV	PASS	PASS	PASS	PASS			
	217.25	4.5	19	23	217.2515	221.7514	7.3	-8.1 TV	PASS	PASS	PASS	PASS			
	223.25	4.5	20	24	223.2498	227.74974	7.5	-8.7 TV	PASS	PASS	PASS	PASS			
	229.262	4.5	21	25	229.2627	233.76285	7.6	-8.3 TV	PASS	PASS	PASS	PASS			
	235.262	4.5	22	26	235.2631	239.76305	7.6	-8.2 TV	PASS	PASS	PASS	PASS			
	241.262	4.5	23	27	241.2636	245.76354	8.1	-8.3 TV	PASS	PASS	PASS	PASS			
	247.262	4.5	24	28	247.262	251.76193	7.8	-8.7 TV	PASS	PASS	PASS	PASS			
	253.262	4.5	25	29	253.2621	257.76203	7.5	-8 TV	PASS	PASS	PASS	PASS			
	259.262	4.5	26	30	259.2624	263.76271	5.9	-9.9 TV	PASS	PASS	PASS	PASS			
	265.262	4.5	27	31	265.2616	269.76153	7.6	-8.4 TV	PASS	PASS	PASS	PASS			
	271.262	4.5	28	32	271.2633	275.76326	7.1	-8.9 TV	PASS	PASS	PASS	PASS			
	277.262	4.5	29	33	277.2598	281.75962	7.1	-9 TV	PASS	PASS	PASS	PASS			
	283.262	4.5	30	34	283.2635	287.76346	7.1	-7.8 TV	PASS	PASS	PASS	PASS			
	289.262	4.5	31	35	289.2589	293.75911	7.2	-9.5 TV	PASS	PASS	PASS	PASS			
	295.262	4.5	32	36	295.2632	299.76308	7.5	-8.2 TV	PASS	PASS	PASS	PASS			
	301.262	4.5	33	37	301.2636	305.76359	7.5	-7.9 TV	PASS	PASS	PASS	PASS			
	307.262	4.5	34	38	307.2625	311.76244	7.6	-8.5 TV	PASS	PASS	PASS	PASS			
	313.262	4.5	35	39	313.2638	317.76379	7.8	-8.4 TV	PASS	PASS	PASS	PASS			
	319.262	4.5	36	40	319.2636	323.76377	7.4	-9 TV	PASS	PASS	PASS	PASS			
	325.262	4.5	37	41	325.2632	329.76316	7.1	-9 TV	PASS	PASS	PASS	PASS			
	331.275	4.5	38	42	331.2752	335.77519	7.1	-9 TV	PASS	PASS	PASS	PASS			
	337.262	4.5	39	43	337.2653	341.76514	6.7	-9 TV	PASS	PASS	PASS	PASS			
	343.262	4.5	40	44	343.2633	347.76326	7.1	-8.7 TV	PASS	PASS	PASS	PASS			
	349.262	4.5	41	45	349.2622	353.76242	7.5	-8 TV	PASS	PASS	PASS	PASS			
	355.262	4.5	42	46	355.2619	359.7618	7.9	-7.8 TV	PASS	PASS	PASS	PASS			
	361.262	4.5	43	47	361.2651	365.76509	8.1	-8.2 TV	PASS	PASS	PASS	PASS			
	367.262	4.5	44	48	367.2624	371.76229	7.7	-8.9 TV	PASS	PASS	PASS	PASS			
	373.262	4.5	45	49	373.2628	377.76275	8.1	-8.1 TV	PASS	PASS	PASS	PASS			
	379.262	4.5	46	50	379.2638	383.76401	7.5	-9.1 TV	PASS	PASS	PASS	PASS			
	385.262	4.5	47	51	385.2624	389.76239	7.3	-8.8 TV	PASS	PASS	PASS	PASS			
	391.262	4.5	48	52	391.2624	395.76232	7.6	-8.2 TV	PASS	PASS	PASS	PASS			
	397.262	4.5	49	53	397.2636	401.7636	6.7	-10.2 TV	PASS	PASS	PASS	PASS			
	403.25	4.5	50	54	403.2517	407.75165	5.2	-9.5 TV	PASS	PASS	PASS	PASS			
	409.25	4.5	51	55	409.2514	413.75141	7.3	-7.6 TV	PASS	PASS	PASS	PASS			
	415.25	4.5	52	56	415.2523	419.75236	9.1	-6 TV	PASS	PASS	PASS	PASS			
	421.25	4.5	53	57	421.2519	425.75185	10.1	-5.5 TV	PASS	PASS	PASS	PASS			
	427.25	4.5	54	58	427.2507	431.75063	9.9	-6.8 TV	PASS	PASS	PASS	PASS			
	433.25	4.5	55	59	433.2512	437.75113	9.8	-6.1 TV	PASS	PASS	PASS	PASS			
	439.25	4.5	56	60	439.2517	443.75166	9.9	-6.4 TV	PASS	PASS	PASS	PASS			
	445.25	4.5	57	61	445.2518	449.75194	9.7	-6.9 TV	PASS	PASS	PASS	PASS			
	451.25	4.5	58	62	451.2513	455.75129	10.1	-6 TV	PASS	PASS	PASS	PASS			
	97.25	4.5	59	96	97.25034	101.75032	7.3	-7.7 TV	PASS	PASS	PASS	PASS			
	103.25	4.5	60	97	103.263	107.76281	6.3	-7.4	PASS	PASS	PASS	PASS			

[illegible]

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Test Point Location: Route 22 Copake, Chatham, NY

Weather

Clear
Cloudy

Rain
Snow

Test Point #: TP 07 Date: 2/18/09 Time: 01:55 PM

Temperature: 25 F

Isolation (Nominal) (dB)

(Refer to Spec Sheet
Sect. Page)

			Carrier / Coherent Beat Ratios			
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	43.3	1%			61.4	58.4
11	48.6				61.5	62.9
22	46.7				59.8	56.8
23	46.7				54.1	60.8
40	47.9				54.5	61.4
42	47.3				54.6	60.3
51	47.4				55.2	60.3
60	47.7				55.3	62.2

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 07

TEST POINT LOCATION: Route 22 Copake

TIME OF INITIAL READING: 6:40 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.9	3&4
2	2.4	3&4
3	2.8	3&4
4	2.3	10&11

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	3.8	43&5
2	4.3	3&43
3	6.7	41&3
4	4.8	30&57

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM PSID NUMBER: 014169
Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP07-1
 Comments
 Date 13-Feb-09
 Time 6:42:53 AM
 Temperature 16 C
 Location Route 22 Copake
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
9.5	13.3	3.8	PASS

MHz	MHz			MHz	MHz	dBmV	dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop
	55.25	4.5	2	2	55.25037	59.75025	13.4	-1.2 TV	PASS			>=3dB, <15dB
	61.25	4.5	3	3	61.25037	65.75025	13.2	-3 TV	PASS	PASS	PASS	PASS
	67.25	4.5	4	4	67.24994	71.74988	10.3	-0.1 TV	PASS	PASS	PASS	PASS
	77.25	4.5	5	5	77.25059	81.75049	13.3	-3.3 TV	PASS	PASS	PASS	PASS
	83.25	4.5	6	6	83.24986	87.74979	12.9	-2.6 TV	PASS	PASS	PASS	PASS
	175.25	4.5	7	7	175.2504	179.75056	12	-4.6 TV	PASS	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74961	12.5	-3.8 TV	PASS	PASS	PASS	PASS
	187.25	4.5	9	9	187.2508	191.75075	12.5	-3.5 TV	PASS	PASS	PASS	PASS
	193.25	4.5	10	10	193.2505	197.75042	11.4	-4.1 TV	PASS	PASS	PASS	PASS
	199.25	4.5	11	11	199.2504	203.75032	11.9	-4.1 TV	PASS	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.7507	11.6	-5.2 TV	PASS	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.75078	11	-5.4 TV	PASS	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76266	13.2	-2.6 TV	PASS	PASS	PASS	PASS
	151.25	4.5	15	19	151.3206	155.82067	12.1	0.3 TV	PASS	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75021	12.9	-3.7 TV	PASS	PASS	PASS	PASS
	163.25	4.5	17	21	163.2486	167.74855	12.6	-3.5 TV	PASS	PASS	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76339	12.5	-3.5 TV	PASS	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75143	11.2	-4.6 TV	PASS	PASS	PASS	PASS
	223.25	4.5	20	24	223.2498	227.74972	11.2	-5.6 TV	PASS	PASS	PASS	PASS
	229.262	4.5	21	25	229.2626	233.76282	11.1	-5.2 TV	PASS	PASS	PASS	PASS
	235.262	4.5	22	26	235.2631	239.76304	11.1	-5 TV	PASS	PASS	PASS	PASS
	241.262	4.5	23	27	241.2636	245.76351	11.3	-5.3 TV	PASS	PASS	PASS	PASS
	247.262	4.5	24	28	247.2621	251.76214	11.2	-5.6 TV	PASS	PASS	PASS	PASS
	253.262	4.5	25	29	253.2621	257.76202	11	-4.8 TV	PASS	PASS	PASS	PASS
	259.262	4.5	26	30	259.2624	263.7626	10.6	-5.2 TV	PASS	PASS	PASS	PASS
	265.262	4.5	27	31	265.2616	269.76165	11	-5 TV	PASS	PASS	PASS	PASS
	271.262	4.5	28	32	271.2633	275.76333	10.8	-5.4 TV	PASS	PASS	PASS	PASS
	277.262	4.5	29	33	277.2598	281.75972	10.7	-5.4 TV	PASS	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76352	10.8	-4.6 TV	PASS	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75908	10.6	-5.7 TV	PASS	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76315	10.8	-5.6 TV	PASS	PASS	PASS	PASS
	301.262	4.5	33	37	301.2637	305.76366	10.2	-5.8 TV	PASS	PASS	PASS	PASS
	307.262	4.5	34	38	307.2626	311.76251	9.9	-6.3 TV	PASS	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76373	10.1	-5.6 TV	PASS	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76379	10.5	-6.3 TV	PASS	PASS	PASS	PASS
	325.262	4.5	37	41	325.2631	329.76302	9.9	-6.5 TV	PASS	PASS	PASS	PASS
	331.275	4.5	38	42	331.2752	335.7752	9.7	-6.5 TV	PASS	PASS	PASS	PASS
	337.262	4.5	39	43	337.2653	341.76521	9.5	-6.3 TV	PASS	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76328	9.9	-6 TV	PASS	PASS	PASS	PASS
	349.262	4.5	41	45	349.2623	353.76245	10.6	-5.1 TV	PASS	PASS	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76178	11.2	-4.8 TV	PASS	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.7651	11.6	-5.1 TV	PASS	PASS	PASS	PASS
	367.262	4.5	44	48	367.2625	371.76225	11.2	-5.7 TV	PASS	PASS	PASS	PASS
	373.262	4.5	45	49	373.2629	377.76289	11.2	-5.3 TV	PASS	PASS	PASS	PASS
	379.262	4.5	46	50	379.2639	383.76407	10.4	-6.5 TV	PASS	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76243	10.4	-6.1 TV	PASS	PASS	PASS	PASS
	391.262	4.5	48	52	391.2623	395.76227	10.8	-5.2 TV	PASS	PASS	PASS	PASS
	397.262	4.5	49	53	397.2636	401.76335	10.4	-5.6 TV	PASS	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.75164	10.5	-6 TV	PASS	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75137	10.7	-5 TV	PASS	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.75232	11.9	-3.5 TV	PASS	PASS	PASS	PASS
	421.25	4.5	53	57	421.2519	425.75183	12.7	-2.8 TV	PASS	PASS	PASS	PASS
	427.25	4.5	54	58	427.2505	431.75041	12.8	-4.2 TV	PASS	PASS	PASS	PASS
	433.25	4.5	55	59	433.2512	437.75114	12.4	-3.4 TV	PASS	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.75166	12.9	-3.4 TV	PASS	PASS	PASS	PASS
	445.25	4.5	57	61	445.2518	449.75197	13.1	-3.9 TV	PASS	PASS	PASS	PASS
	451.25	4.5	58	62	451.2514	455.75135	12.9	-3 TV	PASS	PASS	PASS	PASS
	97.25	4.5	59	96	97.25035	101.75038	12.4	-2.8 TV	PASS	PASS	PASS	PASS
	103.25	4.5	60	97	103.263	107.76283	11.6	-2.2	PASS	PASS	PASS	PASS

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP07-2
 Comments
 Date 13-Feb-09
 Time 12:46:04 PM
 Temperature 15 C
 Location Route 22 Copake
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
9.3	13.6	4.3	PASS

MHz		MHz		MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
	55.25	4.5	2	2	55.25037	59.75016	13.3	-1.2	TV	PASS	PASS	PASS	PASS	PASS	PASS
	61.25	4.5	3	3	61.25037	65.75031	13.6	-3.1	TV	PASS	PASS	PASS	PASS	PASS	PASS
	67.25	4.5	4	4	67.24992	71.74988	11.2	-0.1	TV	PASS	PASS	PASS	PASS	PASS	PASS
	77.25	4.5	5	5	77.25058	81.75049	13	-3.4	TV	PASS	PASS	PASS	PASS	PASS	PASS
	83.25	4.5	6	6	83.24985	87.74974	12.8	-2.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	175.25	4.5	7	7	175.2504	179.75054	12.1	-4.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74961	12.5	-3.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	187.25	4.5	9	9	187.2508	191.75057	12.3	-4.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	193.25	4.5	10	10	193.2505	197.75041	11.4	-4.3	TV	PASS	PASS	PASS	PASS	PASS	PASS
	199.25	4.5	11	11	199.2504	203.75031	11.8	-4.1	TV	PASS	PASS	PASS	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75066	11.5	-5.2	TV	PASS	PASS	PASS	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.7508	10.8	-5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76261	13.1	-2.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	151.25	4.5	15	19	151.3206	155.82067	12.1	0.4	TV	PASS	PASS	PASS	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75018	12.8	-3.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	163.25	4.5	17	21	163.2486	167.74854	12.6	-3.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76336	12.5	-3.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75142	11	-4.9	TV	PASS	PASS	PASS	PASS	PASS	PASS
	223.25	4.5	20	24	223.2498	227.74973	11	-5.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	229.262	4.5	21	25	229.2626	233.76277	11	-5.4	TV	PASS	PASS	PASS	PASS	PASS	PASS
	235.262	4.5	22	26	235.2631	239.7631	10.8	-5.2	TV	PASS	PASS	PASS	PASS	PASS	PASS
	241.262	4.5	23	27	241.2636	245.76349	11.2	-5.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	247.262	4.5	24	28	247.2621	251.76197	11	-5.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	253.262	4.5	25	29	253.2621	257.76207	10.7	-5.2	TV	PASS	PASS	PASS	PASS	PASS	PASS
	259.262	4.5	26	30	259.2624	263.76261	10.1	-5.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	265.262	4.5	27	31	265.2616	269.76146	10.9	-5.1	TV	PASS	PASS	PASS	PASS	PASS	PASS
	271.262	4.5	28	32	271.2632	275.763	10.6	-5.4	TV	PASS	PASS	PASS	PASS	PASS	PASS
	277.262	4.5	29	33	277.2598	281.75974	10.6	-5.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76348	10.6	-4.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75901	10.6	-5.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76317	10.6	-5.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	301.262	4.5	33	37	301.2637	305.76361	10	-5.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	307.262	4.5	34	38	307.2626	311.76251	9.8	-5.9	TV	PASS	PASS	PASS	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76383	10	-5.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76379	10.4	-6.4	TV	PASS	PASS	PASS	PASS	PASS	PASS
	325.262	4.5	37	41	325.263	329.76302	9.8	-6.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	331.275	4.5	38	42	331.2752	335.77513	9.5	-6.7	TV	PASS	PASS	PASS	PASS	PASS	PASS
	337.262	4.5	39	43	337.2653	341.76517	9.3	-6.3	TV	PASS	PASS	PASS	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76328	9.8	-6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	349.262	4.5	41	45	349.2623	353.76248	10.6	-4.9	TV	PASS	PASS	PASS	PASS	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76172	11.2	-4.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76506	11.6	-5.2	TV	PASS	PASS	PASS	PASS	PASS	PASS
	367.262	4.5	44	48	367.2625	371.76245	11.1	-5.9	TV	PASS	PASS	PASS	PASS	PASS	PASS
	373.262	4.5	45	49	373.2629	377.7629	11.2	-5.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	379.262	4.5	46	50	379.2639	383.76412	10.4	-6.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76235	10.4	-6.1	TV	PASS	PASS	PASS	PASS	PASS	PASS
	391.262	4.5	48	52	391.2623	395.76227	10.8	-5.3	TV	PASS	PASS	PASS	PASS	PASS	PASS
	397.262	4.5	49	53	397.2636	401.76369	10.4	-5.6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.75167	10.4	-6	TV	PASS	PASS	PASS	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75137	10.8	-5.1	TV	PASS	PASS	PASS	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.7523	11.9	-3.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	421.25	4.5	53	57	421.2518	425.75187	12.5	-3	TV	PASS	PASS	PASS	PASS	PASS	PASS
	427.25	4.5	54	58	427.2505	431.75043	12.7	-4.2	TV	PASS	PASS	PASS	PASS	PASS	PASS
	433.25	4.5	55	59	433.2512	437.75118	12.3	-3.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.75163	12.7	-3.5	TV	PASS	PASS	PASS	PASS	PASS	PASS
	445.25	4.5	57	61	445.2518	449.75211	12.9	-3.8	TV	PASS	PASS	PASS	PASS	PASS	PASS
	451.25	4.5	58	62	451.2514	455.75135	13	-3	TV	PASS	PASS	PASS	PASS	PASS	PASS
	97.25	4.5	59	96	97.25035	101.75026	12.4	-3	TV	PASS	PASS	PASS	PASS	PASS	PASS
	103.25	4.5	60	97	103.263	107.76281	11.5	-2.2			PASS	PASS	PASS	PASS	PASS

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
7.1	13.8	6.7	PASS

[illegible]

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
8	12.8	4.8	PASS

MHz		MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	drop
55.25	4.5	2	2 55.25038 59.75018	10.7	-3.8 TV	PASS			>=3dB, <15dB
61.25	4.5	3	3 61.25038 65.75033	11	-5.8 TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4 67.24993 71.74984	10.4	-6.5 TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5 77.25058 81.75048	10.5	-6.1 TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6 83.24986 87.7498	10.6	-5.5 TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7 175.2504 179.7507	9.8	-6.7 TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8 181.2496 185.7496	10.4	-5.8 TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9 187.2508 191.75074	10.3	-6.5 TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10 193.2505 197.75051	9.5	-5.9 TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11 199.2502 203.75012	11.8	-2.5 TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12 205.2505 209.75066	10.1	-5.9 TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13 211.2507 215.75064	10	-6.4 TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16 133.2627 137.76283	10.9	-5 TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19 151.3206 155.82063	9.8	-1.7 TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20 157.2503 161.75019	10.5	-6 TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21 163.2486 167.74854	10.4	-5.6 TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22 169.2635 173.76333	10.1	-5.7 TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23 217.2515 221.75145	9.9	-5.8 TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24 223.2498 227.74976	10.1	-6.3 TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25 229.2627 233.76284	10.1	-5.9 TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26 235.2631 239.7631	10.1	-5.8 TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27 241.2636 245.76354	10.6	-5.8 TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28 247.262 251.76199	10.3	-6.3 TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29 253.2621 257.76203	9.9	-5.8 TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30 259.2624 263.76272	8	-7.6 TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31 265.2616 269.76146	10.1	-5.9 TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32 271.2633 275.76328	9.6	-6.4 TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33 277.2598 281.75978	9.5	-6.5 TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34 283.2635 287.76346	9.6	-5.3 TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35 289.2589 293.75916	9.7	-7.2 TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36 295.2632 299.76315	10.2	-5.7 TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37 301.2636 305.76363	9.9	-5.6 TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38 307.2625 311.76247	10.1	-6.1 TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39 313.2638 317.76375	10.4	-5.9 TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40 319.2636 323.76375	9.9	-6.7 TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41 325.2632 329.7632	9.6	-6.6 TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42 331.2752 335.77518	9.6	-6.6 TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43 337.2653 341.76516	9.3	-6.6 TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44 343.2633 347.76326	9.6	-6.3 TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45 349.2622 353.76242	10.1	-5.6 TV	PASS	PASS	PASS	PASS
355.262	4.5	42	46 355.2619 359.76179	10.6	-5.4 TV	PASS	PASS	PASS	PASS
361.262	4.5	43	47 361						

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #:014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data

Converter input range

(Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0

Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest
signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART I**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 1 (Form 2)

Headend: Chatham PSID #: 014169 Technician : Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Route 9H Ghent Weather Clear Rain
Cloudy Snow
 Test Point #: TP08 Date: 2-13-09 Time: 6:10 AM Temperature 15 f

[illegible]

HEADEND: Chatham PSID #: 014169 TECHNICIAN: Dan Carrasquillo

Make Sufficient Copies of This Page to Accommodate All Pictures (See Instruction #3).

Test Point Location: Route 9H Ghent Weather Cloudy
Test Point #: TP08 Date: 2/13/09 Time: 6:10 AM Temperature 15f

[illegible][illegible][illegible]

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure that Copies of this Page, to Accommodate All Parties Involved, are Made and Available to All Parties. Method: One Person per Channel Tested. See Instructions 4B.
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-08**Test Point Frequency Response (6 MHz)**

PLACE PICTURE

HERE

Channel: 11
Scale: 20dB/0.5
Measured Response: 0.80
Date/Time: 02/13/09 12:26

PLACE PICTURE

HERE

Channel: 22
Scale: 20dB/0.5
Measured Response: 0.95
Date/Time: 02/13/09 12:15

PLACE PICTURE

HERE

Channel: 23
Scale: 20dB/0.5
Measured Response: 0.95
Date/Time: 02/13/09 12:16

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham	Make Sure you Print out this Page to Accommodate All Pictures Include One Picture Per Channel Tested (See Instructions #1)
PSID Number: 014169	
Technician: Dan Carrasquillo	

Test Point # TP-08
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 40
Scale: 20dBm
Measured Response: 0.65
Date/Time: 02/13/09 12:16

PLACE PICTURE
HERE

Channel: 42
Scale: 20dBm
Measured Response: 1.50
Date/Time: 02/13/09 12:17

PLACE PICTURE
HERE

Channel: 51
Scale: 20dBm
Measured Response: 0.60
Date/Time: 02/13/09 12:18

Signal Quality Measurements - PART 1 (Form 4)

Headend: Chatham PSID Number: 014169 Technician: Dan Carrasquillo	Make sufficient copies of this page for verification in all frames. Include One Frame Per Channel Tested. City Instructions 7.9
--	--

Test Point # TP-08
Test Point Frequency Response (6 MHz)

PLACE PICTURE
HERE

Channel: 60
Scale: 2.034mV
Measured Response: 1.15
Date/Time: 02/13/09 12:18

PLACE PICTURE
HERE

Channel: 96
Scale: 0.418mV
Measured Response: 1.20
Date/Time: 02/13/09 12:25

PLACE PICTURE
HERE

Channel:
Scale: 0.418mV
Measured Response:
Date/Time:

Tech. Name : TEST of : SRTB

Site Id : TP08 Comments :

Mode : FR

Date : February 13, 2009

Time : 12:26:35 PM

Temp 73 F

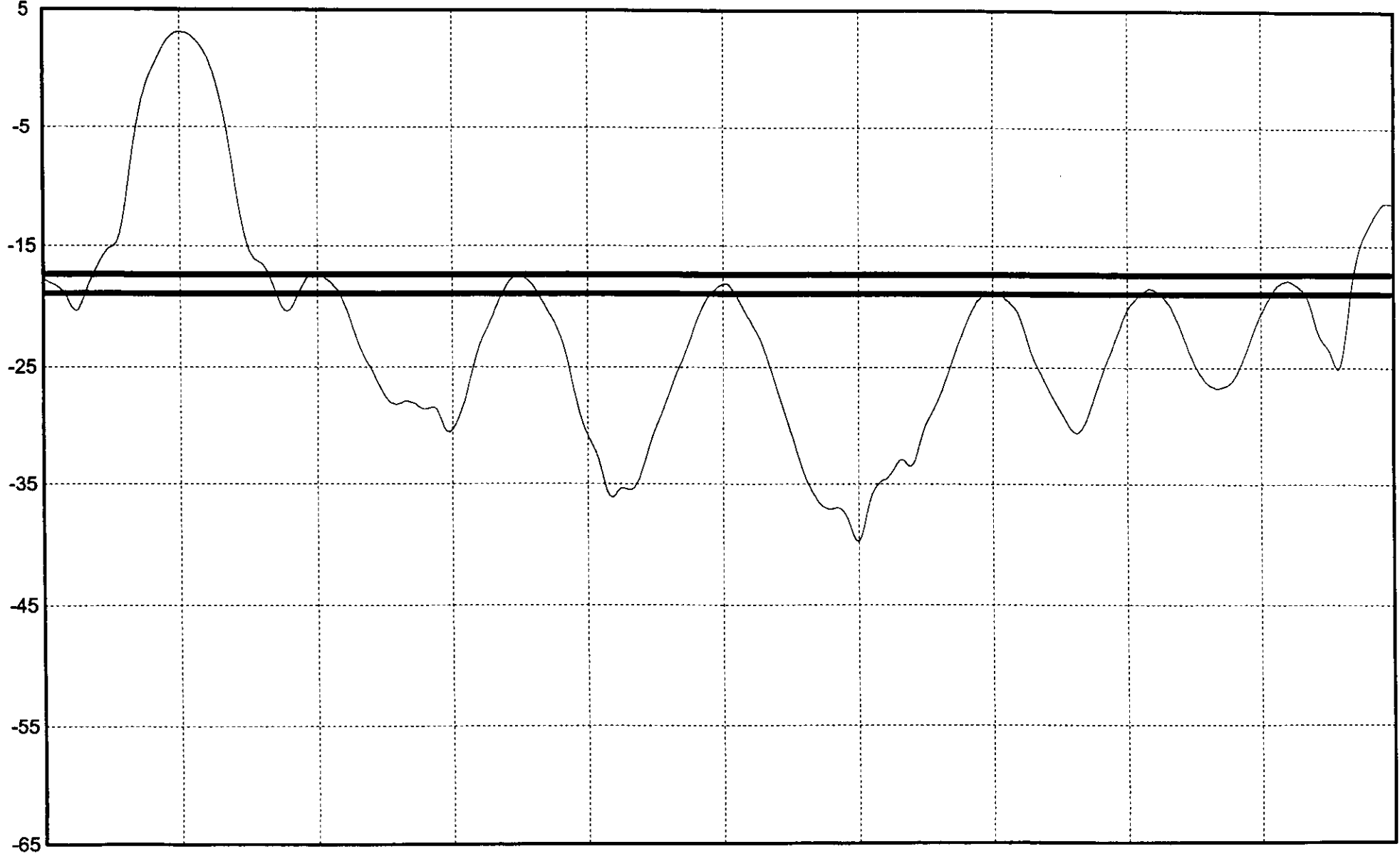
ATT: 5 dB

dBmV

Video Channel: 11

CF: 199.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.80 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : C. ST of : SRTB

Site Id : TP08 Comments :

Date : February 13, 2009

Time : 12:15:21 PM

Mode : FR

Temp 59 F

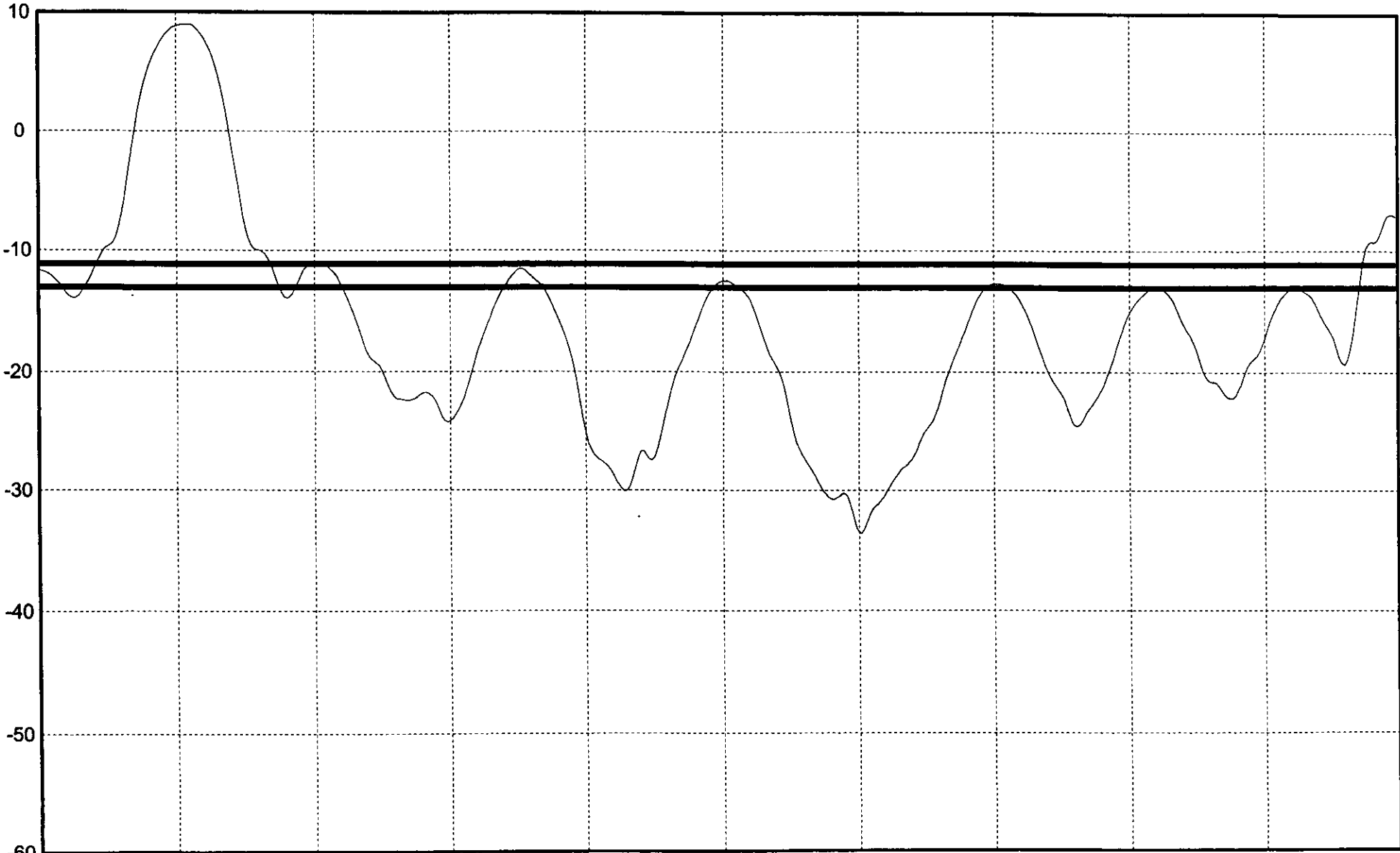
ATT: 10 dB

dBmV

Video Channel: 22

CF: 169.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 0.95 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

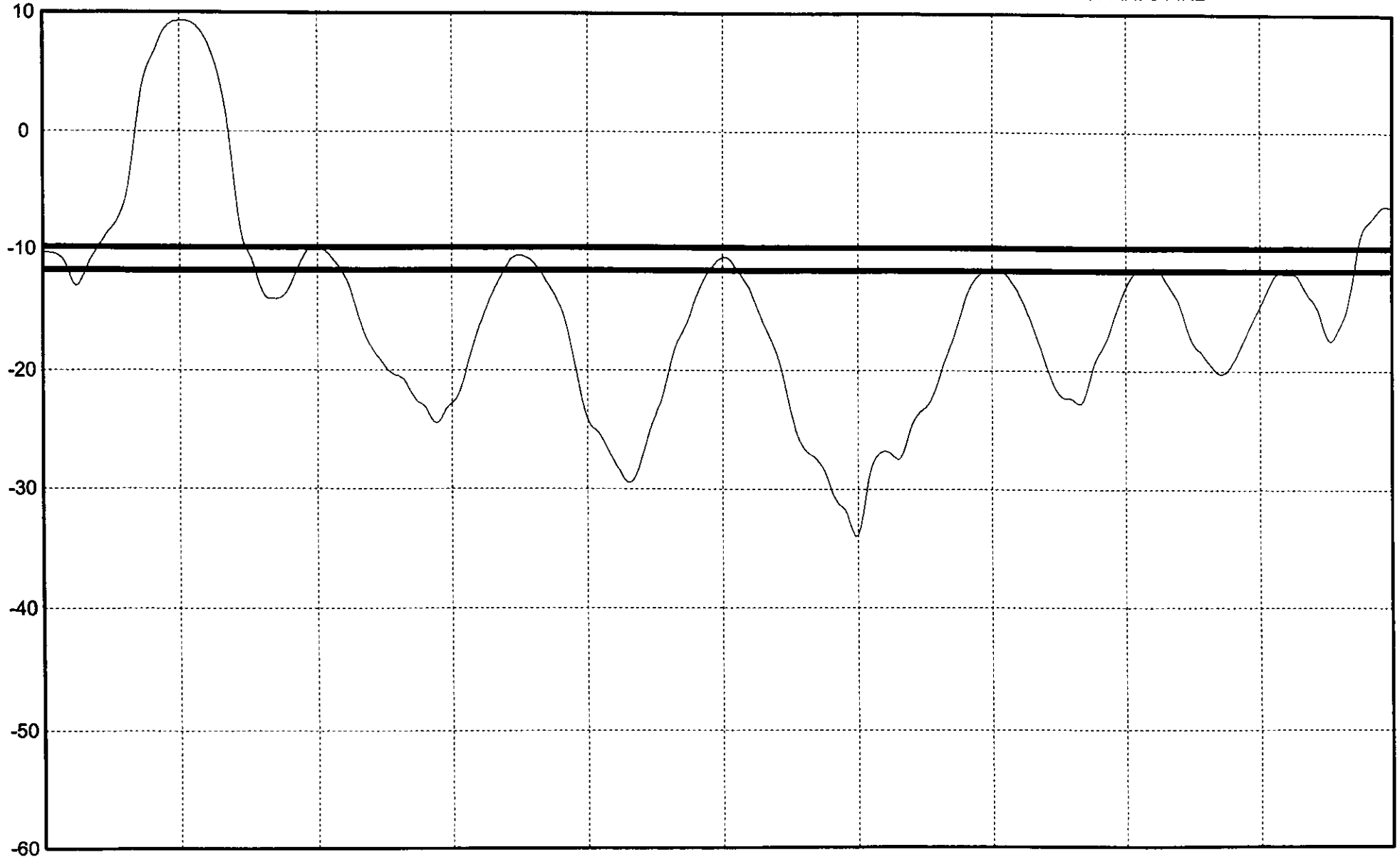
Tech. Name : ~~C~~EST of : SRTB
Site Id : TP08 Comments :
Date : February 13, 2009 Time : 12:16:00 PM Mode : FR Temp 59 F

ATT: 10 dB
dBmV

Video Channel: 23

CF: 217.250 MHz

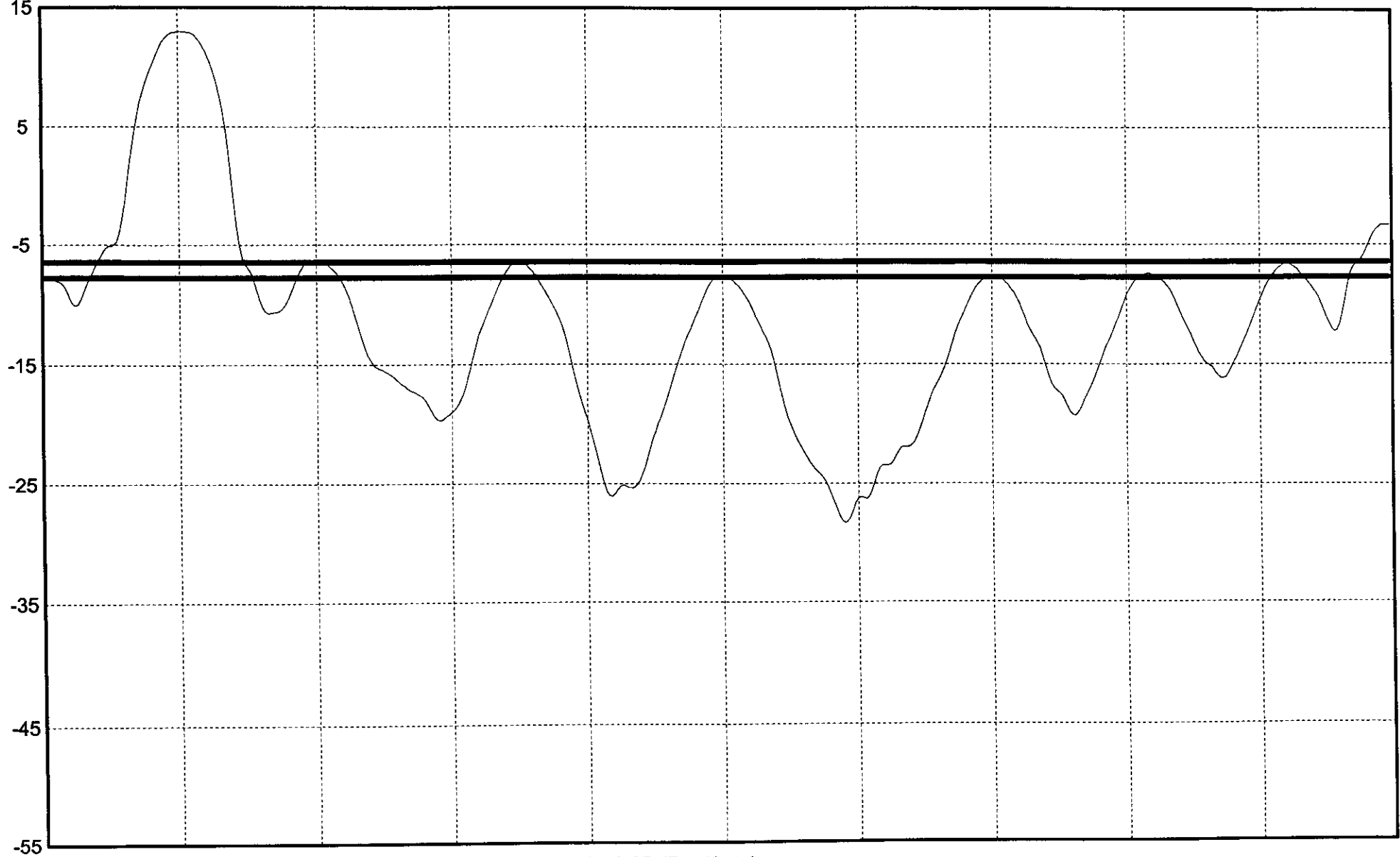
SPAN: 5 MHz



In-Channel Response: +/- 0.95 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : CREST of : SRTB
Site Id : TP08 Comments : Mode : FR
Date : February 13, 2009 Time : 12:16:39 PM Temp 59 F

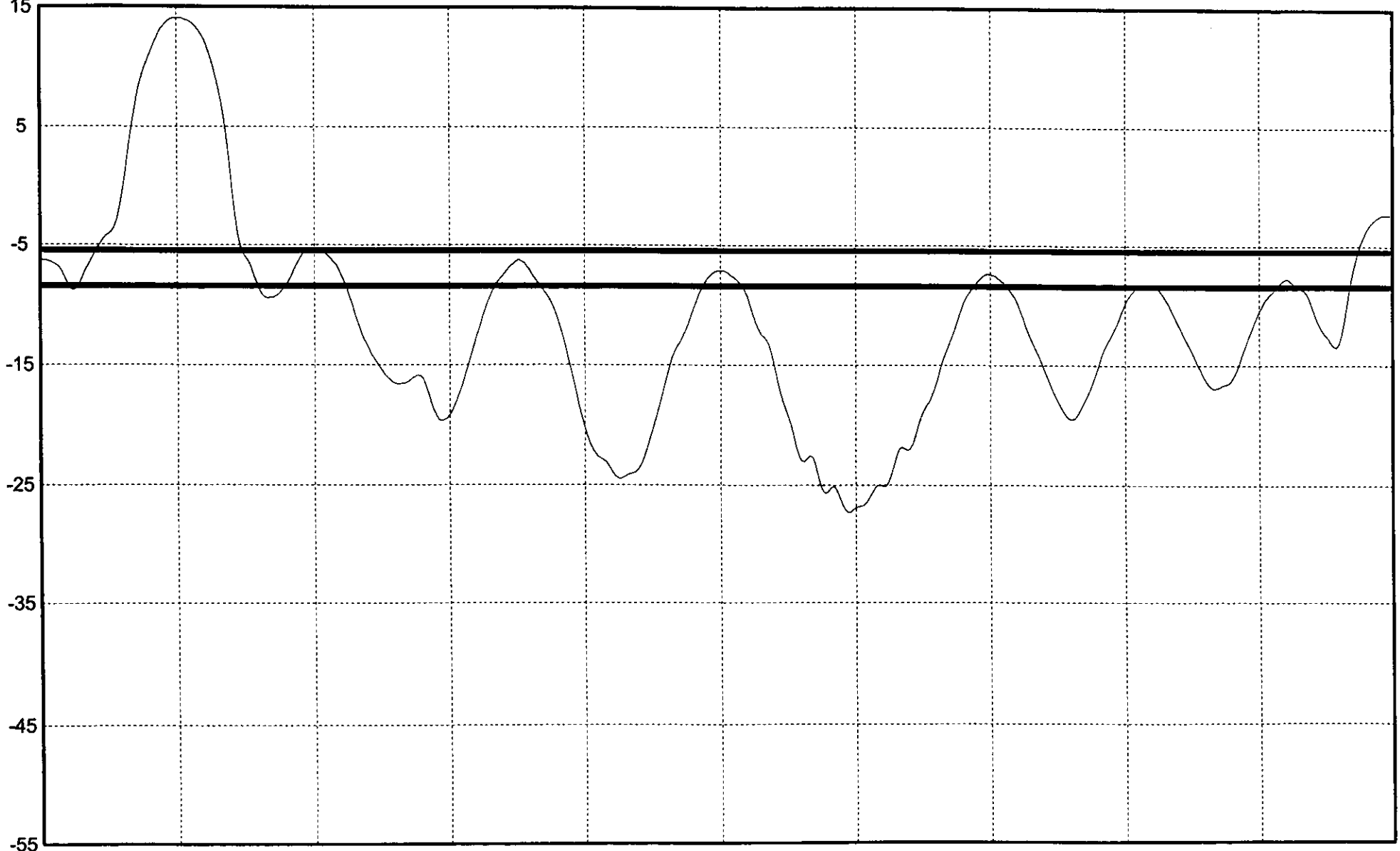
ATT: 15 dB Video Channel: 40 CF: 319.262 MHz SPAN: 5 MHz



In-Channel Response: +/- 0.65 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : C. EST of : SRTB
Site Id : TP08 Comments :
Date : February 13, 2009 Time : 12:17:20 PM Mode : FR Temp 59 F

ATT: 15 dB
dBmV Video Channel: 42 CF: 331.275 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.50 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : CSEST of : SRTB

Site Id : TP08 Comments :

Mode : FR

Date : February 13, 2009

Time : 12:18:05 PM

Temp 59 F

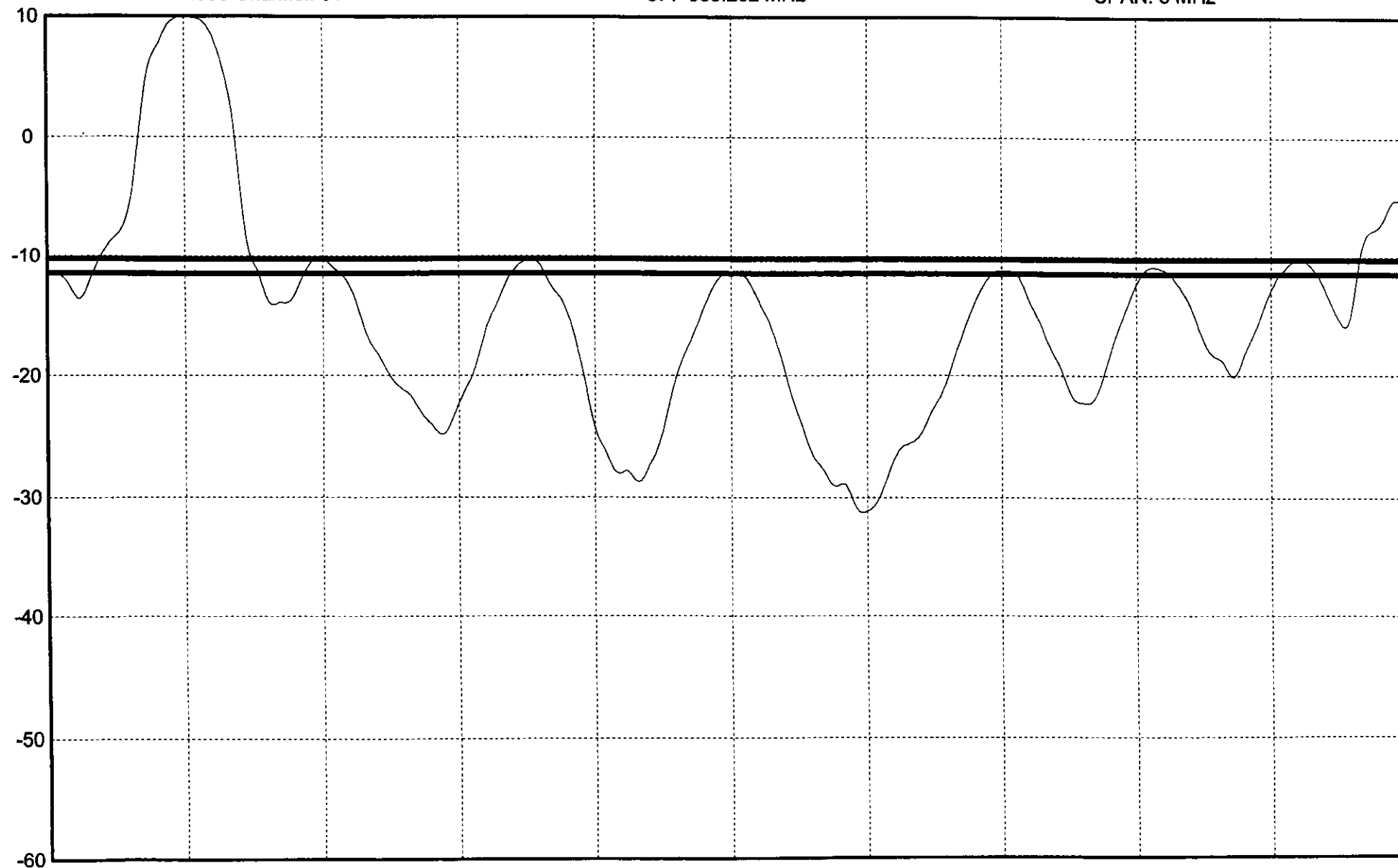
ATT: 10 dB

dBmV

Video Channel: 51

CF: 385.262 MHz

SPAN: 5 MHz



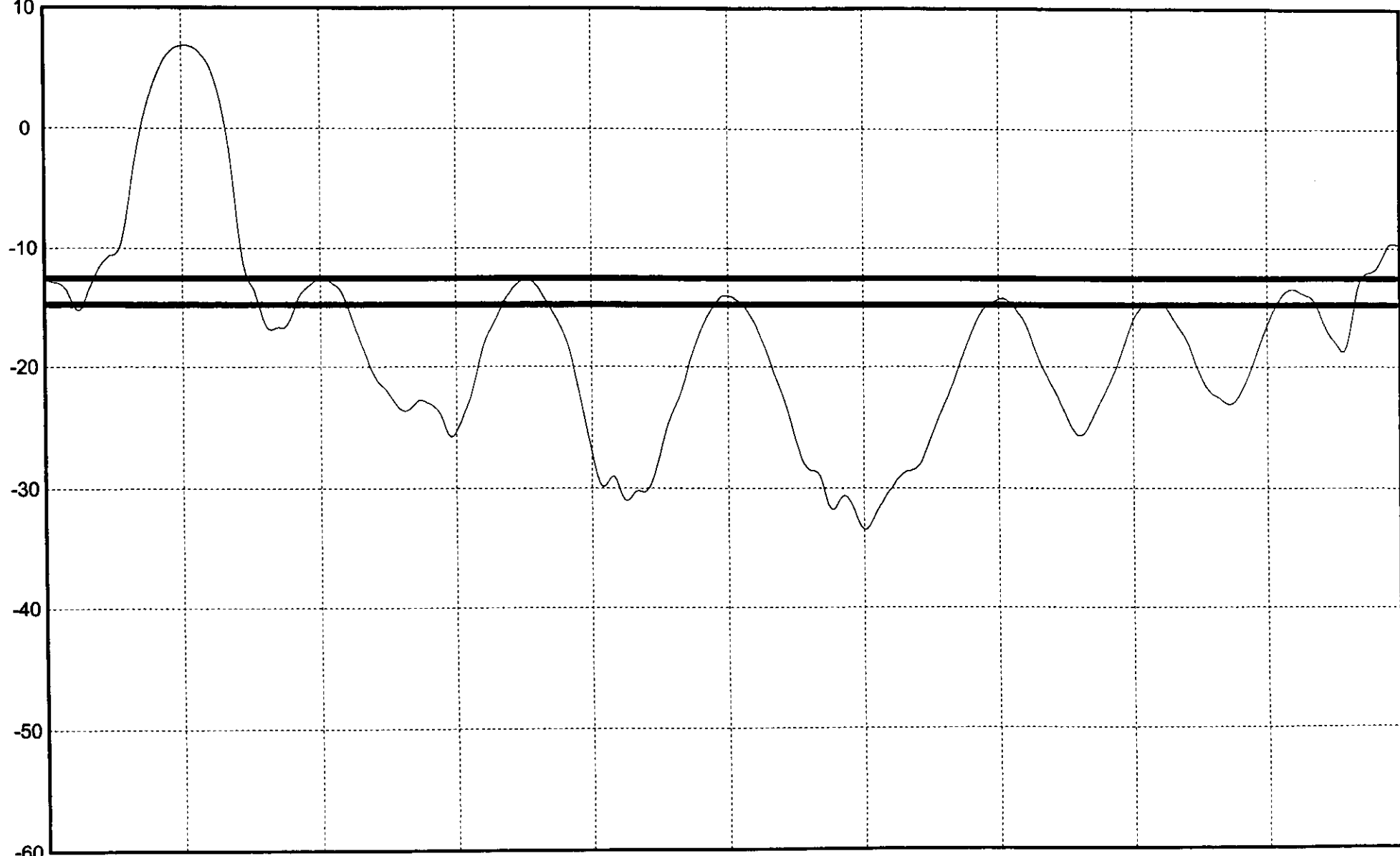
In-Channel Response: +/- 0.60 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Tech. Name : G22ST of : SRTB
Site Id : TP08 Comments :
Date : February 13, 2009 Time : 12:18:44 PM Mode : FR Temp 59 F

ATT: 10 dB Video Channel: 60 CF: 439.250 MHz SPAN: 5 MHz



In-Channel Response: +/- 1.15 dB (Auto)
Field : 1 Line : 19
MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

Unit Calibration Date : 5/3/2007 Unit Serial Number : 4438-0902

Tech. Name : C-2ST of : SRTB

Site Id : TP08 Comments :

Mode : FR

Date : February 13, 2009

Time : 12:25:22 PM

Temp 72 F

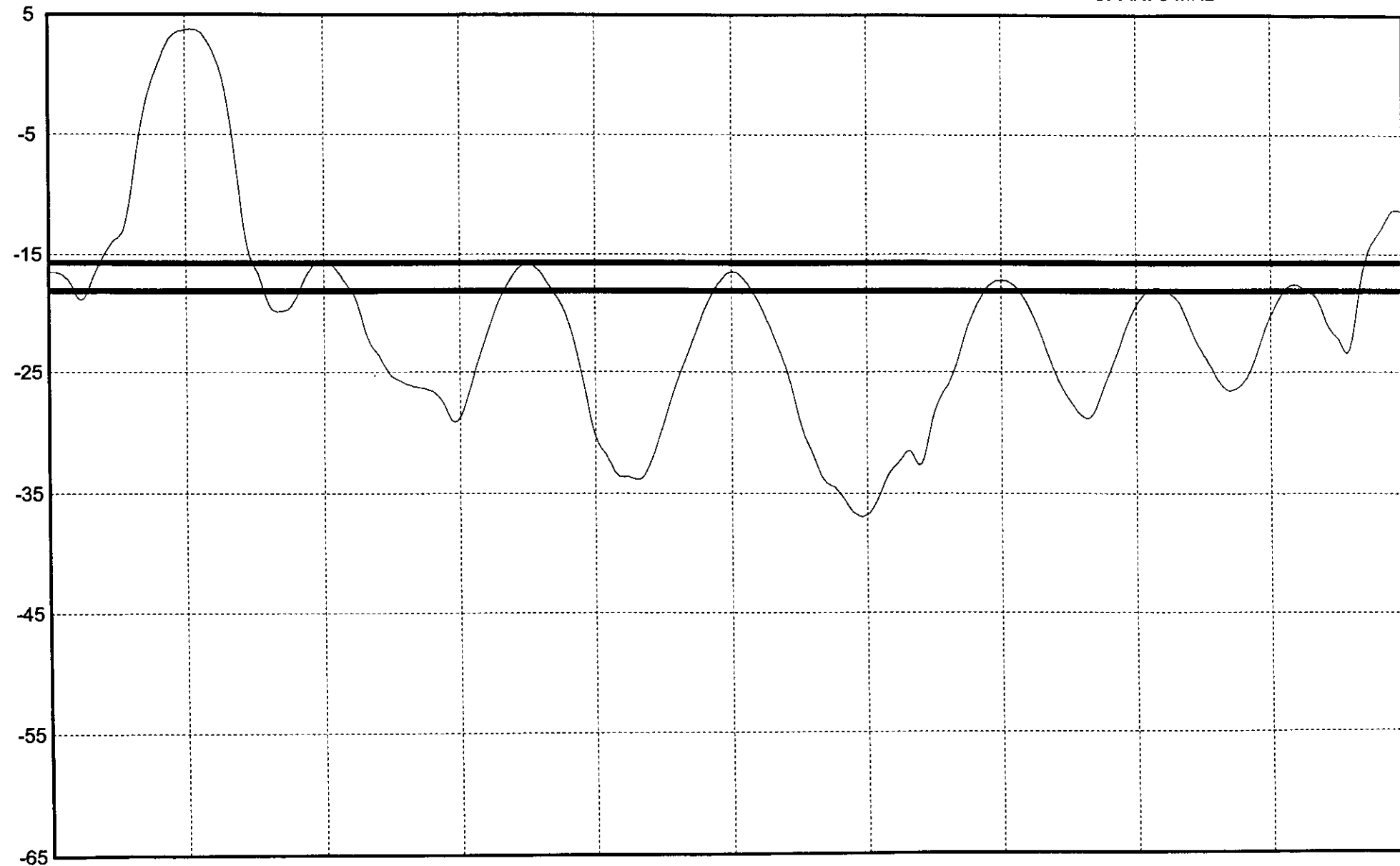
ATT: 5 dB

dBmV

Video Channel: 96

CF: 97.250 MHz

SPAN: 5 MHz



In-Channel Response: +/- 1.20 dB (Auto)

Field : 1 Line : 19

MultiBurst : 0.50 1.25 2.00 3.00 3.60 MHz

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(a)**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP08-1
 Comments
 Date 13-Feb-09
 Time 6:17:53 AM
 Temperature 12 C
 Location Route 9H Ghent
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2A

Peak to Valley <12dB			
MIN	MAX	DIFF	Grade
4.3	15	10.7	PASS

MHz		MHz		MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop
															>=3dB, <15dB
	55.25	4.5	2	2	55.25036	59.75021		15	0 TV			PASS		PASS	PASS
	61.25	4.5	3	3	61.25038	65.75024		13.9	-2.3 TV			PASS	PASS	PASS	PASS
	67.25	4.5	4	4	67.24993	71.74989		11	-0.5 TV			PASS	PASS	PASS	PASS
	77.25	4.5	5	5	77.25059	81.75052		12	-4.6 TV			PASS	PASS	PASS	PASS
	83.25	4.5	6	6	83.24985	87.74974		11.3	-4.3 TV			PASS	PASS	PASS	PASS
	175.25	4.5	7	7	175.2504	179.75056		7.9	-8.2 TV			PASS	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74967		8.3	-7.5 TV			PASS	PASS	PASS	PASS
	187.25	4.5	9	9	187.2508	191.75076		8.2	-7.5 TV			PASS	PASS	PASS	PASS
	193.25	4.5	10	10	193.2505	197.7505		8.1	-6.9 TV			PASS	PASS	PASS	PASS
	199.25	4.5	11	11	199.2504	203.75033		8.8	-6.5 TV			PASS	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75068		8.7	-7.1 TV			PASS	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.75076		8.4	-7.6 TV			PASS	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76261		10.4	-5.4 TV			PASS	PASS	PASS	PASS
	151.25	4.5	15	19	151.3206	155.82051		7.8	-3.2 TV			PASS	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75015		8.7	-7.6 TV			PASS	PASS	PASS	PASS
	163.25	4.5	17	21	163.2488	167.74827		8.7	-7.1 TV			PASS	PASS	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76335		8.5	-7.1 TV			PASS	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75145		8.8	-6.7 TV			PASS	PASS	PASS	PASS
	223.25	4.5	20	24	223.2498	227.7497		8.8	-7.2 TV			PASS	PASS	PASS	PASS
	229.262	4.5	21	25	229.2626	233.76286		9.1	-7 TV			PASS	PASS	PASS	PASS
	235.262	4.5	22	26	235.2631	239.76308		9.1	-6.7 TV			PASS	PASS	PASS	PASS
	241.262	4.5	23	27	241.2636	245.76354		9.3	-7.2 TV			PASS	PASS	PASS	PASS
	247.262	4.5	24	28	247.2621	251.76201		8.7	-7.4 TV			PASS	PASS	PASS	PASS
	253.262	4.5	25	29	253.2621	257.76208		8.4	-6.4 TV			PASS	PASS	PASS	PASS
	259.262	4.5	26	30	259.2624	263.7626		8.4	-6.9 TV			PASS	PASS	PASS	PASS
	265.262	4.5	27	31	265.2616	269.76168		9.4	-6.5 TV			PASS	PASS	PASS	PASS
	271.262	4.5	28	32	271.2633	275.76332		8.5	-6.3 TV			PASS	PASS	PASS	PASS
	277.262	4.5	29	33	277.2598	281.75972		8.8	-6.7 TV			PASS	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76346		9.5	-5.5 TV			PASS	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75912		10	-6.7 TV			PASS	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76315		10.6	-4.7 TV			PASS	PASS	PASS	PASS
	301.262	4.5	33	37	301.2637	305.76359		11.5	-3.9 TV			PASS	PASS	PASS	PASS
	307.262	4.5	34	38	307.2626	311.7625		12	-3.8 TV			PASS	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76373		13	-3.2 TV			PASS	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76385		12.8	-3.8 TV			PASS	PASS	PASS	PASS
	325.262	4.5	37	41	325.2631	329.76309		13	-3 TV			PASS	PASS	PASS	PASS
	331.275	4.5	38	42	331.2752	335.77517		13.4	-2.6 TV			PASS	PASS	PASS	PASS
	337.262	4.5	39	43	337.2653	341.7652		13.6	-2 TV			PASS	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76329		14.4	-1.9 TV			PASS	PASS	PASS	PASS
	349.262	4.5	41	45	349.2623	353.76246		15	-1.3 TV			PASS	PASS	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76175		14.7	-1.3 TV			PASS	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76509		14.9	-1.4 TV			PASS	PASS	PASS	PASS
	367.262	4.5	44	48	367.2625	371.76246		14.3	-2.3 TV			PASS	PASS	PASS	PASS
	373.262	4.5	45	49	373.2629	377.76295		13.2	-3.2 TV			PASS	PASS	PASS	PASS
	379.262	4.5	46	50	379.2639	383.76409		10.3	-6 TV			PASS	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76247		9.7	-5.4 TV			PASS	PASS	PASS	PASS
	391.262	4.5	48	52	391.2624	395.76231		11.3	-5 TV			PASS	PASS	PASS	PASS
	397.262	4.5	49	53	397.2636	401.7636		11	-5.4 TV			PASS	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.75164		11	-5 TV			PASS	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.7514		10	-5.8 TV			PASS	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.7523		10	-6 TV			PASS	PASS	PASS	PASS
	421.25	4.5	53	57	421.2519	425.75185		9.5	-6 TV			PASS	PASS	PASS	PASS
	427.25	4.5	54	58	427.2505	431.75042		8.7	-7.8 TV			PASS	PASS	PASS	PASS
	433.25	4.5	55	59	433.2512	437.75113		8.7	-7.7 TV			PASS	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.75173		6.3	-9.8 TV			PASS	PASS	PASS	PASS
	445.25	4.5	57	61	445.2518	449.75207		6.2	-10 TV			PASS	PASS	PASS	PASS
	451.25	4.5	58	62	451.2514	455.75131		4.3	-12.1 TV			PASS	PASS	PASS	PASS
	97.25	4.5	59	96	97.25035	101.75034		10.6	-4.3 TV			PASS	PASS	PASS	PASS
	103.25	4.5	60	97	103.263	107.76286		9.7	-3.9			PASS	PASS	PASS	PASS

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART II(b)
As Measured Through a 2-way Splitter**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP08-SPL
 Comments
 Date 13-Feb-09
 Time 10:51:06 PM
 Temperature 12 C
 Location Route 9H Ghent
 Calibrated 5/3/2007
 Serial Number 4438-0902

Part 2B

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
2.8	12.7	9.9	PASS

Video Freq		Audio Freq		Video Amç		Audio Amç		Type	Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
MHz	MHz	MHz	MHz	dBmV	dBmV	dBmV	dBmV					
55.25	4.5	2	2	55.25038	59.75002	11.5	-5.2	TV	PASS			PASS
61.25	4.5	3	3	61.25039	65.7503	8.8	-7.3	TV	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.24994	71.74995	7.3	-9.4	TV	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25057	81.75045	6.9	-9.7	TV	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.7498	6.6	-9.3	TV	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.75056	3.7	-12.8	TV	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74966	3.5	-12.5	TV	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75075	3	-12.5	TV	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.75043	3.4	-11.9	TV	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2502	203.75015	6.1	-8.4	TV	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75073	3.9	-11.1	TV	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75063	4.6	-12.1	TV	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.7626	5.5	-10.2	TV	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82063	3.1	-8	TV	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75023	3.9	-12.2	TV	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74858	3.8	-11.9	TV	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2636	173.7634	3.7	-11.9	TV	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75144	4.4	-11.1	TV	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.74976	4.4	-11.4	TV	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2627	233.76285	5	-11.1	TV	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76307	5	-10.6	TV	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76397	4.9	-11	TV	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.262	251.76201	4.5	-11.3	TV	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76204	4.5	-10.2	TV	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.76264	3.1	-12.1	TV	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76154	5.2	-10.4	TV	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76315	4.4	-10.2	TV	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75981	5	-10.5	TV	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76341	5.9	-9.1	TV	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75918	6.6	-10.2	TV	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76319	7.1	-8	TV	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76359	7.8	-7	TV	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2625	311.76249	8.4	-7.1	TV	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76373	9.7	-6.4	TV	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76378	9.5	-7.1	TV	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2632	329.76317	9.7	-6.3	TV	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2753	335.77525	10.3	-5.6	TV	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.76521	10.5	-5.2	TV	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76328	11.3	-5.2	TV	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76243	12.7	-3.9	TV	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2619	359.76183	11.4	-4.4	TV	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76508	11.7	-4.5	TV	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2624	371.76238	10.7	-5.9	TV	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2628	377.76279	9.7	-6.9	TV	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2638	383.76403	6.9	-9	TV	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76225	6.9	-8.1	TV	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76235	8.6	-7.3	TV	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.7635	8	-8.4	TV	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.7516	7.8	-8.2	TV	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.75138	6.9	-9.1	TV	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.7524	6.9	-9	TV	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75185	6.8	-8.9	TV	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2507	431.75062	5.8	-10.6	TV	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75116	6.4	-10.4	TV	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75166	4.1	-12.1	TV	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75195	3.8	-12.7	TV	PASS	PASS	PASS	PASS
451.25	4.5	58	62	451.2513	455.75128	2.8	-13.6	TV	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.7503	5.7	-9.3	TV	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76285	4.3	-9.1			PASS	PASS	PASS

PSID Number: 014169

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "A"
PART III**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Quality Measurements - Part 3

Headend: Chatham

PSID #: 014169

Technician: Dan Carrasquillo

1. Measure as shown in test setup (do not use converter).
2. Test channels 11, 28 and 32. The technician may choose remaining channels. (See Instruction #4)
3. Make sufficient copies of this page to accommodate all test points. (See Instruction #3)
4. For isolation, simply record values from vendor specification sheet.
5. Hum can be measured on only one channel.

Clear

Rain

Test Point Location: Route 9H Ghent Weather Cloudy Snow
 Test Point #: TP 08 Date: 2/18/09 Time: 02:35 PM Temperature: 25 F

Isolation (Nominal) (dB)

(Refer to Spec Sheet
 Sect. Page)

			Carrier / Coherent Beat Ratios			
Channel	Carrier/ Noise (dB)	Hum (%)	Inter- Mod. (dB)	Cross- Mod (dB)	CTB (dB)	CSO (dB)
96	42	0.6%			66.7	58.4
11	44.2				66.4	58.3
22	44.4				65	56.5
23	44.1				64.2	58.4
40	45				62.4	59.8
42	45.4				62.1	62
51	44.9				61.1	60
60	45.1				62.1	59

**TECHNICAL STANDARDS
COMPLIANCE REPORT
TEST "B"**

HEADEND
Chatham

PSID
014169

DATE
February 26, 2009

Signal Stability Measurements

Make sufficient copies of this page to accommodate all test points (See Instruction # 2)

TWENTY- FOUR HOUR TEST

HEADEND: Chicopee PSID #:014169 TECHNICIAN: Daniel Carrasquillo

SYSTEM BANDWIDTH: 450Mhz

TEST POINT #: 08

TEST POINT LOCATION: Route 9H Ghent

TIME OF INITIAL READING: 6:10 AM

DATE: Feb 13, 2009 TEMP: 15 f WEATHER: Clear

Maximum visual signal level difference between any two adjacent carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	2.9	3&4
2	2.9	4&3
3	2.9	3&4
4	2.5	2&3

If any result measured during this test exceeds 3dB, the entire test, from the beginning, must be repeated.

Maximum visual signal level difference between any two carriers (Worst-Case)

Test Period	Result (dB)	Between Which Channels
1	10.7	62&45
2	10.6	45&62
3	9.5	46&62
4	10.3	62&45

If any result measured during this test exceeds FCC specifications, the entire test, from the beginning, must be repeated.

Data Summary for Signal Stability Measurements (Continued)

24 - HOUR LEVEL VARIATION DATA

Headend: CHATHAM PSID NUMBER: 014169
Technician: Dan Carrasquillo & Eric Tracy

1. At each test point one channel will exhibit the largest signal level variation over a 24-hour period. Indicate on the chart, the largest variation and the channel at which the variation occurs.
2. Use the data generated during the twenty-four hour test for this portion of the report.

Test Point #	Maximum Visual Signal Level Variance (dB)	Channel at which Maximum Variation Occurs
1	3.4	46
2	1.9	56
3	8.9	3
4	2.6	21
5	5.2	59
6	4.8	2
7	2.8	3
8	2.7	9

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP08-1
 Comments
 Date 13-Feb-09
 Time 6:17:53 AM
 Temperature 12 C
 Location Route 9H Ghent
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
4.3	15	10.7	PASS

Serial Number 4438-0902				Video Freq		Audio Freq		Video Amp		Audio Amp		Type	Adjacent	Adjacent	Audio Sep.	At end of 100'
MHz	MHz			MHz	MHz	dBmV	dBmV									drop
55.25	4.5	2	2	55.25036	59.75021	15	0	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	>=3dB, <15dB
61.25	4.5	3	3	61.25038	65.75024	13.9	-2.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
67.25	4.5	4	4	67.24993	71.74989	11	-0.5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
77.25	4.5	5	5	77.25059	81.75052	12	-4.6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
83.25	4.5	6	6	83.24985	87.74974	11.3	-4.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
175.25	4.5	7	7	175.2504	179.75056	7.9	-8.2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
181.25	4.5	8	8	181.2497	185.74967	8.3	-7.5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
187.25	4.5	9	9	187.2508	191.75076	8.2	-7.5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
193.25	4.5	10	10	193.2505	197.7505	8.1	-6.9	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
199.25	4.5	11	11	199.2504	203.75033	8.8	-6.5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
205.25	4.5	12	12	205.2505	209.75068	8.7	-7.1	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
211.25	4.5	13	13	211.2507	215.75076	8.4	-7.6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
133.262	4.5	14	16	133.2627	137.76261	10.4	-5.4	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
151.25	4.5	15	19	151.3206	155.82051	7.8	-3.2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
157.25	4.5	16	20	157.2503	161.75015	8.7	-7.6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
163.25	4.5	17	21	163.2486	167.74827	8.7	-7.1	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
169.25	4.5	18	22	169.2635	173.76335	8.5	-7.1	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
217.25	4.5	19	23	217.2515	221.75145	8.8	-6.7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
223.25	4.5	20	24	223.2498	227.7497	8.8	-7.2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
229.262	4.5	21	25	229.2626	233.76286	9.1	-7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
235.262	4.5	22	26	235.2631	239.76308	9.1	-6.7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
241.262	4.5	23	27	241.2636	245.76354	9.3	-7.2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
247.262	4.5	24	28	247.2621	251.76201	8.7	-7.4	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
253.262	4.5	25	29	253.2621	257.76208	8.4	-6.4	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
259.262	4.5	26	30	259.2624	263.7626	8.4	-6.9	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
265.262	4.5	27	31	265.2616	269.76168	9.4	-6.5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
271.262	4.5	28	32	271.2633	275.76332	8.5	-6.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
277.262	4.5	29	33	277.2598	281.75972	8.8	-6.7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
283.262	4.5	30	34	283.2635	287.76346	9.5	-5.5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
289.262	4.5	31	35	289.2589	293.75912	10	-6.7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
295.262	4.5	32	36	295.2632	299.76315	10.6	-4.7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
301.262	4.5	33	37	301.2637	305.76359	11.5	-3.9	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
307.262	4.5	34	38	307.2626	311.7625	12	-3.8	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
313.262	4.5	35	39	313.2638	317.76373	13	-3.2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
319.262	4.5	36	40	319.2636	323.76385	12.8	-3.8	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
325.262	4.5	37	41	325.2631	329.76309	13	-3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
331.275	4.5	38	42	331.2752	335.77517	13.4	-2.6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
337.262	4.5	39	43	337.2653	341.7652	13.6	-2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
343.262	4.5	40	44	343.2633	347.76329	14.4	-1.9	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
349.262	4.5	41	45	349.2623	353.76246	15	-1.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
355.262	4.5	42	46	355.2618	359.76175	14.7	-1.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
361.262	4.5	43	47	361.2651	365.76509	14.9	-1.4	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
367.262	4.5	44	48	367.2625	371.76246	14.3	-2.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
373.262	4.5	45	49	373.2629	377.76295	13.2	-3.2	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
379.262	4.5	46	50	379.2639	383.76409	10.3	-6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
385.262	4.5	47	51	385.2625	389.76247	9.7	-5.4	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
391.262	4.5	48	52	391.2624	395.76231	11.3	-5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
397.262	4.5	49	53	397.2636	401.7636	11	-5.4	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
403.25	4.5	50	54	403.2517	407.75164	11	-5	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
409.25	4.5	51	55	409.2514	413.7514	10	-5.8	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
415.25	4.5	52	56	415.2523	419.7523	10	-6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
421.25	4.5	53	57	421.2519	425.75185	9.5	-6	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
427.25	4.5	54	58	427.2505	431.75042	8.7	-7.8	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
433.25	4.5	55	59	433.2512	437.75113	8.7	-7.7	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
439.25	4.5	56	60	439.2517	443.75173	6.3	-9.8	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
445.25	4.5	57	61	445.2518	449.75207	6.2	-10	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
451.25	4.5	58	62	451.2514	455.75131	4.3	-12.1	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
97.25	4.5	59	96	97.25035	101.75034	10.6	-4.3	TV	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
103.25	4.5	60	97	103.263	107.76286	9.7	-3.9									

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP08-2
 Comments
 Date 13-Feb-09
 Time 12:02:52 PM
 Temperature 12 C
 Location Route 9H Ghent
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
4.3	14.9	10.6	PASS

MHz		MHz		MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
	55.25	4.5	2	2	55.25038	59.75016		14	0.1 TV			PASS			
	61.25	4.5	3	3	61.25037	65.75029		13	-3.4 TV			PASS	PASS	PASS	PASS
	67.25	4.5	4	4	67.24994	71.74981		10.1	-0.6 TV			PASS	PASS	PASS	PASS
	77.25	4.5	5	5	77.2506	81.75051		11.9	-4.7 TV			PASS	PASS	PASS	PASS
	83.25	4.5	6	6	83.24985	87.74982		11.1	-4.5 TV			PASS	PASS	PASS	PASS
	175.25	4.5	7	7	175.2504	179.75056		7.9	-8.2 TV			PASS	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74962		8.3	-7.5 TV			PASS	PASS	PASS	PASS
	187.25	4.5	9	9	187.2509	191.75064		8.1	-7.5 TV			PASS	PASS	PASS	PASS
	193.25	4.5	10	10	193.2506	197.75047		8.2	-7 TV			PASS	PASS	PASS	PASS
	199.25	4.5	11	11	199.2504	203.75033		8.8	-6.5 TV			PASS	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75071		8.7	-7.1 TV			PASS	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.75076		8.5	-8.1 TV			PASS	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76262		10.4	-5.4 TV			PASS	PASS	PASS	PASS
	151.25	4.5	15	19	151.3206	155.82056		7.8	-3.2 TV			PASS	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75012		8.8	-7.5 TV			PASS	PASS	PASS	PASS
	163.25	4.5	17	21	163.2486	167.74852		8.6	-7.1 TV			PASS	PASS	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76335		8.6	-7.1 TV			PASS	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75143		8.9	-6.5 TV			PASS	PASS	PASS	PASS
	223.25	4.5	20	24	223.2498	227.74968		8.7	-7.1 TV			PASS	PASS	PASS	PASS
	229.262	4.5	21	25	229.2626	233.76275		8.9	-7 TV			PASS	PASS	PASS	PASS
	235.262	4.5	22	26	235.2631	239.76305		9	-6.7 TV			PASS	PASS	PASS	PASS
	241.262	4.5	23	27	241.2636	245.76348		9.1	-7.3 TV			PASS	PASS	PASS	PASS
	247.262	4.5	24	28	247.2621	251.76208		8.5	-7.5 TV			PASS	PASS	PASS	PASS
	253.262	4.5	25	29	253.2621	257.76211		8.4	-6.5 TV			PASS	PASS	PASS	PASS
	259.262	4.5	26	30	259.2624	263.76256		8	-7.3 TV			PASS	PASS	PASS	PASS
	265.262	4.5	27	31	265.2616	269.76173		9.1	-6.6 TV			PASS	PASS	PASS	PASS
	271.262	4.5	28	32	271.2633	275.76334		8.5	-6.4 TV			PASS	PASS	PASS	PASS
	277.262	4.5	29	33	277.2598	281.75975		8.9	-6.7 TV			PASS	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76344		9.6	-5.3 TV			PASS	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.7591		10	-6.6 TV			PASS	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76318		10.6	-4.7 TV			PASS	PASS	PASS	PASS
	301.262	4.5	33	37	301.2637	305.76363		11.5	-3.9 TV			PASS	PASS	PASS	PASS
	307.262	4.5	34	38	307.2626	311.76218		11.9	-3.8 TV			PASS	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76375		12.8	-3.2 TV			PASS	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.7638		12.8	-3.9 TV			PASS	PASS	PASS	PASS
	325.262	4.5	37	41	325.2632	329.76313		12.8	-3.1 TV			PASS	PASS	PASS	PASS
	331.275	4.5	38	42	331.2752	335.77518		13.4	-2.8 TV			PASS	PASS	PASS	PASS
	337.262	4.5	39	43	337.2653	341.76519		13.6	-1.9 TV			PASS	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76327		14.3	-1.9 TV			PASS	PASS	PASS	PASS
	349.262	4.5	41	45	349.2623	353.76246		14.9	-1.3 TV			PASS	PASS	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76175		14.6	-1.3 TV			PASS	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76508		14.8	-1.6 TV			PASS	PASS	PASS	PASS
	367.262	4.5	44	48	367.2625	371.76247		13.9	-2.6 TV			PASS	PASS	PASS	PASS
	373.262	4.5	45	49	373.2629	377.76297		12.9	-3.3 TV			PASS	PASS	PASS	PASS
	379.262	4.5	46	50	379.2639	383.76416		10	-6.2 TV			PASS	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76248		9.5	-5.6 TV			PASS	PASS	PASS	PASS
	391.262	4.5	48	52	391.2624	395.76212		11.2	-5.1 TV			PASS	PASS	PASS	PASS
	397.262	4.5	49	53	397.2636	401.76355		11	-5.4 TV			PASS	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.7517		11	-6 TV			PASS	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75139		9.9	-6 TV			PASS	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.75228		10	-6 TV			PASS	PASS	PASS	PASS
	421.25	4.5	53	57	421.2518	425.75185		9.6	-6.4 TV			PASS	PASS	PASS	PASS
	427.25	4.5	54	58	427.2505	431.75046		8.7	-7.9 TV			PASS	PASS	PASS	PASS
	433.25	4.5	55	59	433.2512	437.7512		8.7	-7.8 TV			PASS	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.7517		6.2	-10.1 TV			PASS	PASS	PASS	PASS
	445.25	4.5	57	61	445.2518	449.75203		6.1	-10.1 TV			PASS	PASS	PASS	PASS
	451.25	4.5	58	62	451.2514	455.75134		4.3	-12.2 TV			PASS	PASS	PASS	PASS
	97.25	4.5	59	96	97.25036	101.75032		10.5	-4.4 TV			PASS	PASS	PASS	PASS
	103.25	4.5	60	97	103.263	107.76283		9.5	-3.9			PASS	PASS	PASS	PASS

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP08-3
 Comments
 Date 13-Feb-09
 Time 5:41:12 PM
 Temperature 12 C
 Location Route 9H Ghent
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
5.5	15	9.5	PASS

MHz		MHz		MHz		MHz		dBmV		dBmV		Adjacent	Adjacent	Audio Sep.	At end of 100' drop >=3dB, <15dB
	55.25	4.5	2	2	55.25037	59.75018		14.9	-0.2 TV			PASS		PASS	PASS
	61.25	4.5	3	3	61.25035	65.75031		13.5	-2.7 TV			PASS	PASS	PASS	PASS
	67.25	4.5	4	4	67.24993	71.74988		10.6	-0.7 TV			PASS	PASS	PASS	PASS
	77.25	4.5	5	5	77.25057	81.75052		11.9	-4.7 TV			PASS	PASS	PASS	PASS
	83.25	4.5	6	6	83.24984	87.7498		11.3	-4.2 TV			PASS	PASS	PASS	PASS
	175.25	4.5	7	7	175.2503	179.75049		8.4	-8 TV			PASS	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74969		8.5	-7.3 TV			PASS	PASS	PASS	PASS
	187.25	4.5	9	9	187.2508	191.75081		8.4	-7.3 TV			PASS	PASS	PASS	PASS
	193.25	4.5	10	10	193.2505	197.75039		8.2	-6.9 TV			PASS	PASS	PASS	PASS
	199.25	4.5	11	11	199.2506	203.75021		8.7	-6.2 TV			PASS	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75064		8.7	-7 TV			PASS	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.75076		8.9	-7 TV			PASS	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76262		10.6	-5.2 TV			PASS	PASS	PASS	PASS
	151.25	4.5	15	19	151.3205	155.82072		8	-3 TV			PASS	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75016		9	-7.3 TV			PASS	PASS	PASS	PASS
	163.25	4.5	17	21	163.2486	167.74852		8.8	-6.8 TV			PASS	PASS	PASS	PASS
	169.25	4.5	18	22	169.2635	173.76331		8.7	-6.9 TV			PASS	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75141		9	-6.4 TV			PASS	PASS	PASS	PASS
	223.25	4.5	20	24	223.254	227.74975		8.9	-6.9 TV			PASS	PASS	PASS	PASS
	229.262	4.5	21	25	229.2626	233.7628		9.3	-6.7 TV			PASS	PASS	PASS	PASS
	235.262	4.5	22	26	235.2631	239.76304		9.3	-6.4 TV			PASS	PASS	PASS	PASS
	241.262	4.5	23	27	241.2636	245.76351		9.5	-6.9 TV			PASS	PASS	PASS	PASS
	247.262	4.5	24	28	247.262	251.762		8.8	-7.1 TV			PASS	PASS	PASS	PASS
	253.262	4.5	25	29	253.2621	257.76201		8.4	-6 TV			PASS	PASS	PASS	PASS
	259.262	4.5	26	30	259.2624	263.76253		8.3	-6.9 TV			PASS	PASS	PASS	PASS
	265.262	4.5	27	31	265.2616	269.76154		9.1	-6.2 TV			PASS	PASS	PASS	PASS
	271.262	4.5	28	32	271.2632	275.76321		8.8	-6 TV			PASS	PASS	PASS	PASS
	277.262	4.5	29	33	277.2597	281.75971		9.1	-6.3 TV			PASS	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76355		9.8	-5.1 TV			PASS	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75903		10.4	-6.2 TV			PASS	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76314		11.3	-4.1 TV			PASS	PASS	PASS	PASS
	301.262	4.5	33	37	301.2637	305.76359		12.2	-2.9 TV			PASS	PASS	PASS	PASS
	307.262	4.5	34	38	307.2626	311.76252		12.6	-3 TV			PASS	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76369		13.4	-2.5 TV			PASS	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76376		13.2	-3.2 TV			PASS	PASS	PASS	PASS
	325.262	4.5	37	41	325.263	329.76295		13.2	-2.4 TV			PASS	PASS	PASS	PASS
	331.275	4.5	38	42	331.2752	335.77509		13.6	-2.2 TV			PASS	PASS	PASS	PASS
	337.262	4.5	39	43	337.2652	341.76516		13.9	-1.6 TV			PASS	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76324		14.7	-1.5 TV			PASS	PASS	PASS	PASS
	349.262	4.5	41	45	349.2622	353.76246		14.9	-0.5 TV			PASS	PASS	PASS	PASS
	355.262	4.5	42	46	355.2618	359.76169		15	-1 TV			PASS	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76504		14.7	-1.9 TV			PASS	PASS	PASS	PASS
	367.262	4.5	44	48	367.2624	371.76237		14.3	-2.3 TV			PASS	PASS	PASS	PASS
	373.262	4.5	45	49	373.2629	377.76283		13.3	-3.1 TV			PASS	PASS	PASS	PASS
	379.262	4.5	46	50	379.2638	383.76405		10.4	-5.6 TV			PASS	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76244		10.2	-4.5 TV			PASS	PASS	PASS	PASS
	391.262	4.5	48	52	391.2623	395.76225		12.1	-4 TV			PASS	PASS	PASS	PASS
	397.262	4.5	49	53	397.2635	401.76348		11.6	-4.7 TV			PASS	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.75166		11.7	-5.3 TV			PASS	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75127		10.7	-5 TV			PASS	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.75224		10.8	-5.1 TV			PASS	PASS	PASS	PASS
	421.25	4.5	53	57	421.2518	425.75182		10.6	-5.4 TV			PASS	PASS	PASS	PASS
	427.25	4.5	54	58	427.2504	431.75044		9.5	-6.8 TV			PASS	PASS	PASS	PASS
	433.25	4.5	55	59	433.2512	437.75108		9.7	-6.7 TV			PASS	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.7517		7.6	-8.8 TV			PASS	PASS	PASS	PASS
	445.25	4.5	57	61	445.2518	449.75203		7.6	-9.3 TV			PASS	PASS	PASS	PASS
	451.25	4.5	58	62	451.2513	455.7513		5.5	-10.8 TV			PASS	PASS	PASS	PASS
	97.25	4.5	59	96	97.25034	101.75032		10.6	-4.1 TV			PASS	PASS	PASS	PASS
	103.25	4.5	60	97	103.263	107.76281		9.7	-3.6			PASS	PASS	PASS	PASS

Operator Daniel Carrasquillo & Eric Tracy
 Company Charter
 Site ID TP08-4
 Comments
 Date 13-Feb-09
 Time 10:52:20 PM
 Temperature 12 C
 Location Route 9H Ghent
 Calibrated 5/3/2007
 Serial Number 4438-0902

Peak to Valley <12db			
MIN	MAX	DIFF	Grade
4.6	14.9	10.3	PASS

MHz	MHz			MHz	MHz	dBmV	dBmV	Adjacent	Adjacent	Audio Sep.	At end of 100' drop
	55.25	4.5	2	2	55.25039	59.75018	13.6	-3.1 TV	PASS		>=3dB, <15dB
	61.25	4.5	3	3	61.25038	65.75036	11.1	-5.3 TV	PASS	PASS	PASS
	67.25	4.5	4	4	67.24993	71.74988	9.7	-7.1 TV	PASS	PASS	PASS
	77.25	4.5	5	5	77.25058	81.75048	9.4	-7.3 TV	PASS	PASS	PASS
	83.25	4.5	6	6	83.24986	87.7498	9.1	-6.9 TV	PASS	PASS	PASS
	175.25	4.5	7	7	175.2504	179.75055	6.4	-10.4 TV	PASS	PASS	PASS
	181.25	4.5	8	8	181.2497	185.74971	6.3	-9.9 TV	PASS	PASS	PASS
	187.25	4.5	9	9	187.2509	191.75073	5.7	-10.1 TV	PASS	PASS	PASS
	193.25	4.5	10	10	193.2505	197.75044	5.8	-9.2 TV	PASS	PASS	PASS
	199.25	4.5	11	11	199.2502	203.75016	8.7	-5.7 TV	PASS	PASS	PASS
	205.25	4.5	12	12	205.2505	209.75069	6.5	-8.7 TV	PASS	PASS	PASS
	211.25	4.5	13	13	211.2507	215.75068	7.2	-8.9 TV	PASS	PASS	PASS
	133.262	4.5	14	16	133.2627	137.76262	7.9	-8 TV	PASS	PASS	PASS
	151.25	4.5	15	19	151.3206	155.82065	5.6	-5.7 TV	PASS	PASS	PASS
	157.25	4.5	16	20	157.2503	161.75023	6.5	-9.9 TV	PASS	PASS	PASS
	163.25	4.5	17	21	163.2486	167.74856	6.3	-9.3 TV	PASS	PASS	PASS
	169.25	4.5	18	22	169.2636	173.76334	6.2	-9.4 TV	PASS	PASS	PASS
	217.25	4.5	19	23	217.2515	221.75148	6.9	-8.9 TV	PASS	PASS	PASS
	223.25	4.5	20	24	223.2498	227.74975	6.9	-9.2 TV	PASS	PASS	PASS
	229.262	4.5	21	25	229.2627	233.76286	7.4	-8.8 TV	PASS	PASS	PASS
	235.262	4.5	22	26	235.2631	239.7631	7.4	-8.4 TV	PASS	PASS	PASS
	241.262	4.5	23	27	241.2636	245.76352	7.5	-8.8 TV	PASS	PASS	PASS
	247.262	4.5	24	28	247.262	251.76203	7.2	-8.9 TV	PASS	PASS	PASS
	253.262	4.5	25	29	253.2621	257.76202	7.1	-7.6 TV	PASS	PASS	PASS
	259.262	4.5	26	30	259.2624	263.76259	6	-9.3 TV	PASS	PASS	PASS
	265.262	4.5	27	31	265.2616	269.7615	7.5	-8 TV	PASS	PASS	PASS
	271.262	4.5	28	32	271.2633	275.76336	7.3	-7.9 TV	PASS	PASS	PASS
	277.262	4.5	29	33	277.2598	281.75973	7.8	-8 TV	PASS	PASS	PASS
	283.262	4.5	30	34	283.2635	287.76364	8.4	-6.5 TV	PASS	PASS	PASS
	289.262	4.5	31	35	289.2589	293.75913	8.8	-7.8 TV	PASS	PASS	PASS
	295.262	4.5	32	36	295.2632	299.76311	9.5	-5.7 TV	PASS	PASS	PASS
	301.262	4.5	33	37	301.2637	305.76358	10.4	-4.8 TV	PASS	PASS	PASS
	307.262	4.5	34	38	307.2625	311.76245	11	-4.8 TV	PASS	PASS	PASS
	313.262	4.5	35	39	313.2638	317.76374	11.9	-4 TV	PASS	PASS	PASS
	319.262	4.5	36	40	319.2636	323.76381	11.9	-4.7 TV	PASS	PASS	PASS
	325.262	4.5	37	41	325.2632	329.7632	12.1	-3.8 TV	PASS	PASS	PASS
	331.275	4.5	38	42	331.2753	335.77521	12.8	-3.4 TV	PASS	PASS	PASS
	337.262	4.5	39	43	337.2653	341.76518	13	-2.6 TV	PASS	PASS	PASS
	343.262	4.5	40	44	343.2633	347.76327	13.8	-2.5 TV	PASS	PASS	PASS
	349.262	4.5	41	45	349.2623	353.76245	14.9	-1.1 TV	PASS	PASS	PASS
	355.262	4.5	42	46	355.2619	359.7618	13.6	-1.8 TV	PASS	PASS	PASS
	361.262	4.5	43	47	361.2651	365.76508	13.9	-1 TV	PASS	PASS	PASS
	367.262	4.5	44	48	367.2624	371.7624	12.9	-3.6 TV	PASS	PASS	PASS
	373.262	4.5	45	49	373.2628	377.76284	12.3	-4.6 TV	PASS	PASS	PASS
	379.262	4.5	46	50	379.2638	383.76403	10	-6.5 TV	PASS	PASS	PASS
	385.262	4.5	47	51	385.2625	389.76244	9.4	-5.7 TV	PASS	PASS	PASS
	391.262	4.5	48	52	391.2624	395.76229	11.1	-5.2 TV	PASS	PASS	PASS
	397.262	4.5	49	53	397.2636	401.76383	10.6	-5.8 TV	PASS	PASS	PASS
	403.25	4.5	50	54	403.2517	407.7516	10.4	-5.8 TV	PASS	PASS	PASS
	409.25	4.5	51	55	409.2514	413.75135	9.7	-6.5 TV	PASS	PASS	PASS
	415.25	4.5	52	56	415.2523	419.75238	9.8	-6.3 TV	PASS	PASS	PASS
	421.25	4.5	53	57	421.2519	425.75187	9.7	-6.1 TV	PASS	PASS	PASS
	427.25	4.5	54	58	427.2507	431.75065	8.8	-7.9 TV	PASS	PASS	PASS
	433.25	4.5	55	59	433.2512	437.75111	9.1	-7.8 TV	PASS	PASS	PASS
	439.25	4.5	56	60	439.2517	443.75166	6.8	-9.3 TV	PASS	PASS	PASS
	445.25	4.5	57	61	445.2518	449.752	6.7	-9.9 TV	PASS	PASS	PASS
	451.25	4.5	58	62	451.2513	455.75129	4.6	-11.9 TV	PASS	PASS	PASS
	97.25	4.5	59	96	97.25036	101.75033	8	-6.9 TV	PASS	PASS	PASS
	103.25	4.5	60	97	103.263	107.76279	6.7	-6.9	PASS	PASS	PASS

Data Summary for Signal Stability Measurements

Headend: Chatham PSID #:014169 Technician: Eric Tracy & Dan Carrasquillo

Maximum input signal level data
 Converter input range
 (Refer to specification sheet, Sect. _____, Page _____)

Minimum 0.0
 Maximum 15.0

Measured converter input ranges

For each test period, record the channel with the highest
 signal level at the end of a typical drop

	TP #1		TP #2		TP #3		TP #4		TP #5		TP #6	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	60	12.8	16	14.5	38	12.8	38	13.9	46	14.1	56	15
2	60	12.9	59	14.5	38	13.6	38	13.6	46	14	56	14.9
3	5	13.6	16	14.3	38	12.5	46	12.5	46	11.2	56	14.8
4	59	14.9	59	14.9	38	12.7	37	14.9	45	10.7	56	13.8
	TP #7		TP #8		TP #9		TP #10		TP #		TP #	
Test Period	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV	CH	Signal Level dBmV
1	5	13.3	2	15								
2	3	13.6	45	14.9								
3	3	13.8	46	15								
4	57	12.8	45	14.9								

Headend: CHATHAM **PSID Number:** 014169
Technician: DAN CARRASQUILLO & ERIC TRACY

For each test point, record the channel with the lowest signal quality at the end of 100 feet of RG-6 coaxial cable.

TP #1		TP #2		TP #3		TP #4		TP #5		TP #6		TP #7		TP #8	
CH	Signal Level	CH	Signal Level	CH	Signal Level	CH	Signal Level	CH	Signal Level	CH	Signal Level	CH	Signal Level	CH	Signal Level
30	4.3	51	9.3	3	3.2	19	7.5	19	3.2	97	5.4	54	8	62	4.3

[illegible][illegible]