

**FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554**

**BASIC SIGNAL LEAKAGE PERFORMANCE REPORT
FORM 320**

Approval Date: Mar 26, 2009 Filing Year: 2009 Confirmation Number: CB40990613

SECTION I -- GENERAL INFORMATION

- (1) Cable System Owner: GUADALUPE VALLEY COMMUNICATIONS SYSTEMS INC
 Phone Number: (830) 885-8239
 Address: 36101 FM 3159
NEW BRAUNFELS TX 78132
 (City) (State) (Zip)
- (2) Community Served: BOERNE
- (3) Community Unit No.: TX0769
- (4) Physical System Id: 005008

SECTION II -- LOCAL SYSTEM INFORMATION

- (1) Person(s) Responsible for the Report:
 Name: Kris Whitman (M)
 (Last) (First)
 Phone Number: (830) 885-8254
 Address: 36101 F.M. 3159
NewBraunfels TX 78132
 (City) (State) (Zip)
- (2) Are aeronautical frequencies (108-137 or 225-400 MHz) used by this cable television system? **Yes**
- (3) TEST RESULTS: CLI: 10LogIoo: 54.0800 10LogI3000: _____
 Airspace: **The Cumulative Leakage Index is 54.079. This is within the allowable limit of 64 for the 10logIoo calculation.**

SECTION III -- LEAKAGE PERFORMANCE CRITERIA

For operators conducting measurements on a geographical area that contains more than one Community Unit (e.g., headends that serve more than one Community Unit) fill in the measurement information below. NOTE: The submission of the accompanying exhibits, either B or C, may be incorporated by reference to another Community Unit filing that had undergone the same measurement tests as this community Unit. That Community Unit must be identified by its Community Unit Code Number in response to Question (2) or (4) below.

- (1) **GROUND-BASED MEASUREMENTS:** (if used)
- (a) Person(s) Responsible for the test:
 Name: Maytum Scott (M)
 (Last) (First)
 Phone Number: (210) 288-7645
- (b) Miles of plant tested and % of total plant tested: 487.0000 m; 100.0000 %

BASIC SIGNAL LEAKAGE PERFORMANCE REPORT

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SECTION III -- LEAKAGE PERFORMANCE CRITERIA

(Continued)

(c) Time period of the test: From: 02/01/2009 To: 02/28/2009
(mm/dd/yy) (mm/dd/yy)

(d) Equipment Used: Wavetracker APLAS3i 127.2625 (Mhz)
(Make) (Model) (Test Frequency)

(e) Attach as **Exhibit B**, the CLI calculations & Result including all parameters used. Identify in this Exhibit all leaks ≥ 50 uV/m, and show their repaired dates, if any...

(2) AIRSPACE MEASUREMENTS: (if used)

(a) Person(s)/Company Responsible for the test:

Name: _____ (Mhz)
(Last) (First) (M) (Test Frequency)

Phone Number: () - _____

(b) Time period of the test: From: _____ To: _____
(mm/dd/yy) (mm/dd/yy)

(c) Attach as **Exhibit C**, a full description of the test procedure, a list of the equipment used for the airspace measurement and a detailed description of the area covered by these airspace measurements (set forth in this Exhibit all leaks detected during these airspace measurements that were subsequently repaired and their repair dates, if any).

(d) Recorded data and its analysis:

- (i) If analog recordings, include in **Exhibit C** a graph of the results and indicate the value of the smoothed out peak values _____ uV/m.
- (ii) If digitized recordings, include in **Exhibit C** a plot of the results and indicate the % of points recorded digitally below 10 uV/m: _____ %

SECTION IV -- CERTIFICATION

By signing below the operator certifies that, in the case of an individual operator, he or she is not subject to a denial of federal benefits that include FCC benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1988, 21, U.S.C. 862, or, in the case of a non-individual operator (e.g., corporation, partnership or other unincorporated association), no party to the operator is subject to a denial of federal benefit that includes FCC benefits pursuant to that section. For the definition of a 'party' for these purposes, see 47 CFR, Section 1.2002(b).

I certify that I am Mgr-Tariffs&Settlements (Official Title) of GUADALUPE VALLEY COMMUNICATIONS SYSTEMS INC (Legal Name of cable System Owner), that I have examined this report and that, to the best of my knowledge and belief, all statements in this report are true, correct and complete, and are made in good faith.

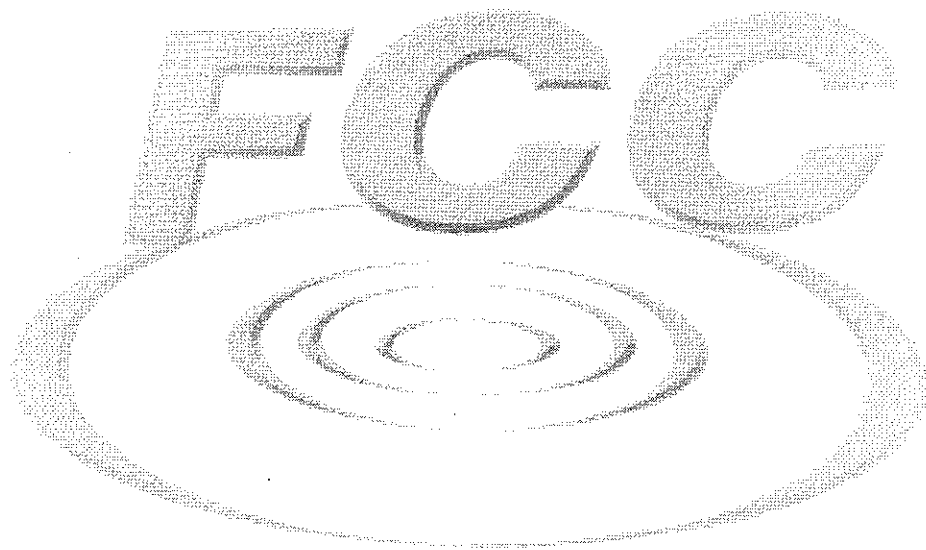
Signed on: 03/26/2009

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, §1001) AND /OR REVOCATION OF ANY STATION LICENSE (U.S. CODE, TITLE 47, §312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

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Operator Comments

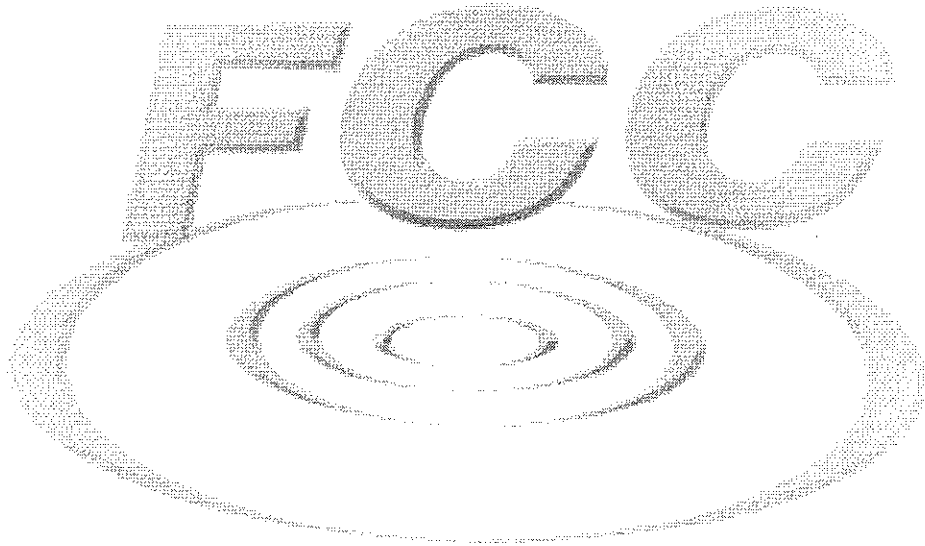


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Community Units Included in this Report

<u>CUID</u>	<u>Community Name</u>	<u>PSID</u>
TX0769	BOERNE	005008
TX0951	CANYON LAKE	005008

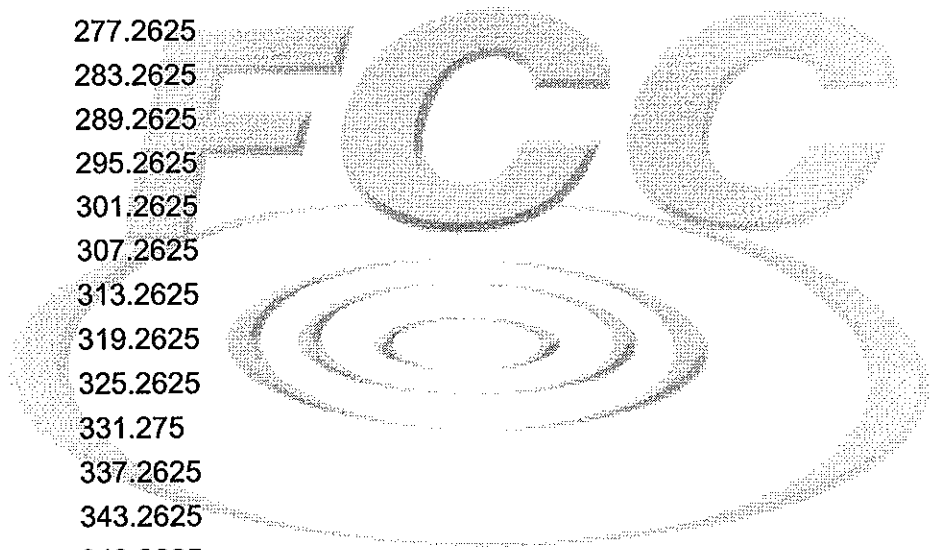


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Exhibit A -- Aeronautical Frequencies (MHz)

109.275
115.275
121.2625
127.2625
133.2625
229.2625
235.2625
241.2625
247.2625
253.2625
259.2625
265.2625
271.2625
277.2625
283.2625
289.2625
295.2625
301.2625
307.2625
313.2625
319.2625
325.2625
331.275
337.2625
343.2625
349.2625
355.2625
361.2625
367.2625
373.2625
379.2625
385.2625
391.2625
397.2625

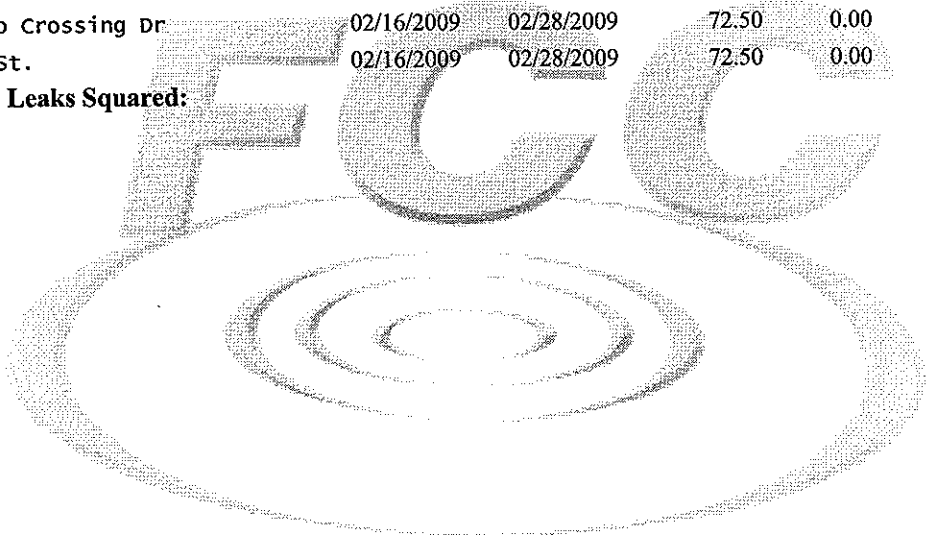


BASIC SIGNAL LEAKAGE PERFORMANCE REPORT

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Exhibit B -- CLI Calculations and Results

<u>Address</u>	<u>Date Found</u>	<u>Date Repaired</u>	<u>uV/m</u>	<u>Radius</u>	<u>(uV/m)²</u>
8979 Dietz Elkhorn	02/24/2009	02/24/2009	200.00	0.00	40,000
338 Deer Creek	02/28/2009	02/28/2009	200.00	0.00	40,000
29156 Knoll	02/28/2009	02/28/2009	100.00	0.00	10,000
124 Francis	02/28/2009	02/28/2009	100.00	0.00	10,000
401 September	02/28/2009	02/28/2009	100.00	0.00	10,000
418 Live Oak Street	02/28/2009	02/28/2009	100.00	0.00	10,000
8979 Dietz Elkhorn	02/24/2009	02/24/2009	200.00	0.00	40,000
338 Deer Creek	02/28/2009	02/28/2009	200.00	0.00	40,000
29156 Knoll	02/28/2009	02/28/2009	100.00	0.00	10,000
124 Francis	02/28/2009	02/28/2009	100.00	0.00	10,000
401 September	02/28/2009	02/28/2009	100.00	0.00	10,000
418 Live Oak Street	02/28/2009	02/28/2009	100.00	0.00	10,000
119 Industrial Dr.	02/16/2009	02/28/2009	72.50	0.00	5,256
209 Cibolo Crossing Dr.	02/16/2009	02/28/2009	72.50	0.00	5,256
410 Main St.	02/16/2009	02/28/2009	72.50	0.00	5,256
Sum of the Leaks Squared:					255,769



24 Hour Test Report



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/11/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-01

Cal Date: 01/26/09
DOS File: TP-01

Location: TP-01
Location Type: FieldTest
Area: TP-01
Test Pnt Type:
Test Pnt Comp:
AC Voltage:

AmpID:
Power Cfg:
Feeder Maker Cfg:
Trunk Term:
Voltage Setting:
DC Voltage (reg):

Reverse Pad:
Forward Pad:
Rev Equalizer:
Fwd Equalizer:
Temp:
DC Voltage (unreg):

Date:	#1	#2	#3	#4	
Time:	08/11/09	08/11/09	08/12/09	08/12/09	
Temp:	12:01:47	18:01:47	00:01:47	06:01:47	
Channel	40.0 C	52.0 C	35.0 C	31.0 C	
	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
2	11.1	10.3	11.1	11.2	0.9
3	11.2	10.6	11.6	11.6	1.0
4	10.6	10.1	10.7	11.2	1.1
5	10.8	10.0	11.1	11.4	1.4
6	10.3	9.9	10.6	11.0	1.1
7	11.1	9.9	11.5	11.5	1.6
8	11.0	10.2	11.6	11.6	1.4
9	10.8	10.1	10.9	11.1	1.0
10	11.0	10.6	11.5	11.7	1.1
11	11.2	10.9	11.7	11.9	1.0
12	11.4	10.9	11.7	12.0	1.1
13	11.2	10.7	11.6	11.9	1.2
14	10.6	9.9	11.1	11.1	1.2
15	10.4	9.3	10.8	11.0	1.7
19	9.6	9.4	10.1	10.6	1.2
21	9.9	9.5	10.3	10.5	1.0
23	11.2	10.7	11.7	12.3	1.6
24	11.5	10.8	12.0	12.7	1.9
25	11.2	10.4	11.7	11.7	1.3
26	11.7	10.9	12.0	12.5	1.6
27	11.8	11.2	12.5	12.7	1.5
28	11.6	10.7	12.0	12.3	1.6
29	12.1	11.2	12.7	12.6	1.5
30	12.3	11.5	12.7	13.1	1.6
31	12.0	11.4	12.6	13.3	1.9
32	12.8	12.1	13.2	13.8	1.7
33	12.5	11.5	13.1	13.4	1.9
34	12.6	11.7	13.0	13.3	1.6
35	12.3	11.5	13.0	12.7	1.5
36	12.3	11.6	13.2	13.3	1.7
37	12.4	11.7	12.5	13.2	1.5
38	12.4	11.6	12.8	13.1	1.5
39	12.3	11.4	12.8	13.4	2.0
40	12.7	11.7	13.0	13.4	1.7
41	12.6	11.8	13.0	13.4	1.6
42	12.6	11.6	12.9	13.3	1.7
43	12.3	11.3	12.8	13.0	1.7
44	12.8	12.1	13.1	13.4	1.3
45	13.1	12.3	13.2	13.6	1.3
46	13.5	12.9	14.2	14.3	1.4
47	12.1	11.4	12.7	12.9	1.5
48	13.0	12.0	13.4	13.8	1.8
49	12.9	11.9	13.4	13.6	1.7
51	13.7	13.0	14.3	14.7	1.7
52	13.1	12.1	13.8	13.6	1.7
53	12.4	11.8	12.8	13.3	1.5



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/11/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-01

Cal Date: 01/26/09
DOS File: TP-01

Date:	#1	#2	#3	#4	
Time:	08/11/09	08/11/09	08/12/09	08/12/09	
Temp:	12:01:47	18:01:47	00:01:47	06:01:47	
Channel	40.0 C	52.0 C	35.0 C	31.0 C	24Hr Deviation(dB)
	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	
54	13.3	12.1	13.7	14.0	1.9
55	12.1	11.7	13.0	13.2	1.5
56	12.7	11.6	13.4	13.6	2.0
57	12.4	11.6	13.1	13.3	1.7
58	12.3	11.2	12.8	13.1	1.9
59	11.8	11.0	12.1	12.7	1.7
60	12.4	11.6	12.8	13.1	1.5
61	12.0	11.4	12.7	12.9	1.5
62	11.9	10.6	12.3	12.8	2.2
63	11.9	11.3	12.5	12.9	1.6
64	12.4	11.2	13.0	13.4	2.2
65	11.9	11.1	12.6	12.8	1.7
66	11.8	11.1	12.5	12.9	1.8
67	12.2	11.0	12.9	13.4	2.4
68	11.8	10.7	12.5	12.7	2.0
69	12.1	10.9	12.7	13.0	2.1
71	12.6	11.3	13.1	13.5	2.2
72	12.8	11.6	13.1	13.5	1.9
73	12.8	11.4	13.1	13.0	1.7
74	12.9	11.7	12.1	11.8	1.2
75	13.1	12.0	13.3	13.8	1.8
77	12.4	11.9	14.1	14.7	2.8
78	11.8	12.4	14.3	14.9	3.1
79	13.5	11.8	14.7	15.1	3.3
98	10.4	9.7	10.9	11.0	1.3

LIMIT CHECK	Limit	1	2	3	4	
Min Video Carrier Level	0.0 dBmV					Pass
Max Delta Video Level	10.0 dB					Pass
Min Delta V/A	10.0 dB					Pass
Max Delta V/A	17.0 dB					Pass
Max Delta Adjacent Chan	3.0 dB					Pass
Max 24 Hour Deviation	8.0 dB					Pass
Min Digital Level	-7.0 dBmV					Pass
Max Digital Level	8.0 dBmV					Pass
Conclusion:						PASS

Reviewed: _____

Date: _____

24 Hour Test Report



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/03/09 Time: 12:01:48
Description:

Serial #: 5330086
File: TP-02

Cal Date: 01/26/09
DOS File: TP-02

Location: TP-02
Location Type: FieldTest
Area: TP-02
Test Pnt Type:
Test Pnt Comp:
AC Voltage:

AmpID:
Power Cfg:
Feeder Maker Cfg:
Trunk Term:
Voltage Setting:
DC Voltage (reg):

Reverse Pad:
Forward Pad:
Rev Equalizer:
Fwd Equalizer:
Temp:
DC Voltage (unreg):

Date:	#1	#2	#3	#4	
Time:	08/03/09	08/03/09	08/04/09	08/04/09	
Temp:	12:01:48	18:01:48	00:01:48	06:01:48	
Channel	34.0 C	41.0 C	36.0 C	33.0 C	
	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
2	9.5	9.1	10.0	9.9	0.9
3	9.4	8.9	10.1	10.0	1.2
4	9.4	8.3	9.3	10.0	1.7
5	8.9	8.2	8.9	9.3	1.1
6	8.9	7.8	8.9	9.3	1.5
7	8.1	7.3	8.6	9.1	1.8
8	8.3	7.6	8.2	9.2	1.6
9	8.9	7.9	9.0	9.4	1.5
10	8.9	8.3	9.1	9.3	1.0
11	8.7	8.3	9.1	9.3	1.0
12	9.4	8.2	9.1	9.3	1.2
13	9.1	8.4	9.3	9.6	1.2
14	7.8	7.3	8.5	8.6	1.3
15	7.7	6.8	7.8	8.1	1.3
19	8.2	7.6	8.4	8.8	1.2
21	7.4	6.4	7.3	7.9	1.5
23	9.1	8.6	9.4	10.1	1.5
24	9.0	8.4	9.8	9.8	1.4
25	8.8	8.1	8.8	8.8	0.7
26	9.9	9.1	9.3	9.8	0.8
27	10.7	9.4	10.3	10.3	1.3
28	10.3	10.0	10.8	10.6	0.8
29	10.3	9.7	10.9	11.6	1.9
30	10.7	9.6	11.0	11.7	2.1
31	10.2	9.5	10.7	11.6	2.1
32	10.3	9.8	11.0	11.7	1.9
33	9.9	9.1	10.7	11.2	2.1
34	10.1	9.4	9.8	10.5	1.1
35	10.2	9.7	10.4	10.4	0.7
36	10.5	9.6	10.8	11.3	1.7
37	10.4	9.8	10.6	11.1	1.3
38	10.3	9.6	10.8	11.1	1.5
39	10.0	9.4	10.3	10.8	1.4
40	10.3	9.8	10.6	11.1	1.3
41	9.7	9.1	10.2	10.5	1.4
42	10.4	9.7	11.2	11.1	1.5
43	10.4	9.8	10.8	11.0	1.2
44	11.5	10.6	11.5	12.1	1.5
45	11.4	10.4	11.8	12.1	1.7
46	11.6	10.8	12.0	12.3	1.5
47	10.2	9.5	10.7	11.2	1.7
48	10.8	9.8	11.0	11.6	1.8
49	10.3	9.6	10.8	11.1	1.5
50	11.2	10.3	11.4	12.0	1.7
51	11.5	10.7	12.0	12.2	1.5
52	11.6	10.6	11.9	11.9	1.3

24 Hour Test Report



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/03/09 Time: 12:01:48
Description:

Serial #: 5330086
File: TP-02

Cal Date: 01/26/09
DOS File: TP-02

Date:	#1	#2	#3	#4	
08/03/09	08/03/09	08/03/09	08/04/09	08/04/09	
Time:	12:01:48	18:01:48	00:01:48	06:01:48	
Temp:	34.0 C	41.0 C	36.0 C	33.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
53	10.5	9.8	11.0	11.1	1.3
54	11.1	10.3	11.7	12.0	1.7
55	10.1	9.1	10.1	10.6	1.5
56	10.5	9.7	11.0	11.5	1.8
57	11.1	10.2	11.7	12.0	1.8
58	11.0	10.1	11.1	12.3	2.2
59	11.4	10.1	11.8	12.1	2.0
60	11.4	10.9	11.8	12.3	1.4
61	11.5	10.6	11.9	12.3	1.7
62	11.5	10.6	11.9	12.3	1.7
63	11.7	10.8	12.2	12.3	1.5
64	11.8	10.6	12.3	12.5	1.9
65	11.4	11.0	12.0	12.3	1.3
66	11.1	10.6	11.5	12.3	1.7
67	12.0	11.0	12.3	13.3	2.3
68	11.8	10.9	12.3	12.9	2.0
69	12.8	11.1	13.1	13.7	2.6
71	12.9	11.6	13.7	14.3	2.7
72	13.0	11.8	13.6	14.6	2.8
73	13.1	11.4	13.7	13.8	2.4
74	12.7	11.9	13.3	13.7	1.8
75	12.9	12.1	13.5	14.0	1.9
77	13.9	12.9	14.8	15.3	2.4
78	14.2	13.1	15.1	15.4	2.3
79	14.1	12.8	15.0	15.2	2.4
98	8.0	7.4	8.0	8.4	1.0

LIMIT CHECK	Limit	1	2	3	4	
Min Video Carrier Level	0.0 dBmV					Pass
Max Delta Video Level	10.0 dB					Pass
Min Delta V/A	10.0 dB					Pass
Max Delta V/A	17.0 dB					Pass
Max Delta Adjacent Chan	3.0 dB					Pass
Max 24 Hour Deviation	8.0 dB					Pass
Min Digital Level	-7.0 dBmV					Pass
Max Digital Level	8.0 dBmV					Pass
Conclusion:						P A S S

Reviewed: _____

Date: _____



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/04/09 Time: 14:01:47
Description:

Serial #: 5330086
File: TP-03

Cal Date: 01/26/09
DOS File: TP-03

Location: TP-03
Location Type: FieldTest
Area: TP-03
Test Pnt Type:
Test Pnt Comp:
AC Voltage:

AmpID:
Power Cfg:
Feeder Maker Cfg:
Trunk Term:
Voltage Setting:
DC Voltage (reg):

Reverse Pad:
Forward Pad:
Rev Equalizer:
Fwd Equalizer:
Temp:
DC Voltage (unreg):

	#1	#2	#3	#4	
Date:	08/04/09	08/04/09	08/05/09	08/05/09	
Time:	14:01:47	20:01:47	02:01:47	08:01:47	
Temp:	52.0 C	43.0 C	34.0 C	29.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
2	8.2	9.0	9.3	9.6	1.4
3	8.5	8.7	8.9	8.9	0.4
4	7.9	8.2	9.0	8.9	1.1
5	8.1	8.5	9.3	9.5	1.4
6	8.2	8.9	9.5	9.8	1.6
7	7.6	8.1	8.5	8.7	1.1
8	7.9	8.3	8.8	8.9	1.0
9	8.0	8.6	8.9	9.8	1.8
10	8.0	8.5	9.0	9.2	1.2
11	8.4	9.1	9.4	9.8	1.4
12	8.9	9.5	9.8	10.4	1.5
13	9.1	9.6	10.1	10.4	1.3
14	8.0	8.6	9.0	9.0	1.0
15	7.1	7.7	8.4	8.7	1.6
19	7.1	7.6	7.8	8.0	0.9
21	6.9	7.5	7.7	8.1	1.2
23	9.1	9.8	10.4	10.7	1.6
24	9.7	9.9	10.4	10.8	1.1
25	9.2	9.9	10.5	10.7	1.5
26	9.8	10.4	11.1	11.3	1.5
27	10.5	11.0	11.4	11.5	1.0
28	9.8	10.3	11.0	11.3	1.5
29	9.9	10.4	11.2	11.4	1.5
30	10.7	11.0	11.7	11.7	1.0
31	10.9	11.4	11.6	12.0	1.1
32	10.9	11.3	11.7	12.3	1.4
33	10.9	11.3	11.8	12.1	1.2
34	11.4	11.9	12.3	12.2	0.9
35	11.3	11.8	12.1	12.1	0.8
36	11.4	11.9	12.3	12.3	0.9
37	10.7	11.5	11.9	12.3	1.6
38	10.9	11.7	12.3	12.5	1.6
39	11.1	11.2	12.2	12.6	1.5
40	11.3	12.0	12.4	12.6	1.3
41	10.9	11.5	12.0	12.2	1.3
42	11.2	11.7	12.1	12.5	1.3
43	11.2	11.9	12.3	12.6	1.4
44	12.1	12.6	12.6	12.7	0.6
45	12.4	12.8	12.9	13.0	0.6
46	12.6	13.2	13.7	13.5	1.1
47	11.2	11.9	12.5	12.1	1.3
48	12.6	12.9	13.4	13.7	1.1
49	12.0	12.5	13.1	13.4	1.4
51	12.4	13.1	13.4	13.9	1.5
52	12.5	12.9	13.4	13.7	1.2
53	12.2	12.5	12.9	13.3	1.1

24 Hour Test Report



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/04/09 Time: 14:01:47
Description:

Serial #: 5330086
File: TP-03

Cal Date: 01/26/09
DOS File: TP-03

	#1	#2	#3	#4	
Date:	08/04/09	08/04/09	08/05/09	08/05/09	
Time:	14:01:47	20:01:47	02:01:47	08:01:47	
Temp:	52.0 C	43.0 C	34.0 C	29.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
54	12.7	13.2	13.5	13.9	1.2
55	12.3	12.7	13.4	13.5	1.2
56	12.4	13.1	13.6	13.6	1.2
57	12.2	12.9	13.3	13.6	1.4
58	11.8	12.6	13.4	13.7	1.9
59	11.6	12.2	12.7	13.0	1.4
60	11.7	12.6	13.2	13.2	1.5
61	11.5	12.1	12.8	13.2	1.7
62	11.5	11.9	12.9	13.0	1.5
63	11.6	12.3	13.1	13.3	1.7
64	11.3	11.9	12.6	12.8	1.5
65	11.3	12.0	12.4	12.4	1.1
66	11.0	11.6	12.5	12.9	1.9
67	11.4	12.3	12.8	12.9	1.5
68	11.3	12.0	12.4	13.1	1.8
69	11.2	11.8	12.5	12.6	1.4
71	11.2	11.9	12.8	13.0	1.8
72	11.3	12.1	13.2	13.3	2.0
73	11.3	12.1	13.2	13.1	1.9
74	11.3	11.8	12.8	13.0	1.7
75	11.4	12.3	12.8	13.0	1.6
77	12.1	12.9	13.8	13.9	1.8
78	12.2	12.9	14.0	14.0	1.8
79	11.8	12.9	13.9	14.2	2.4
98	7.8	8.3	9.0	9.2	1.4

LIMIT CHECK	Limit	1	2	3	4	
Min Video Carrier Level	0.0 dBmV					Pass
Max Delta Video Level	10.0 dB					Pass
Min Delta V/A	10.0 dB					Pass
Max Delta V/A	17.0 dB					Pass
Max Delta Adjacent Chan	3.0 dB					Pass
Max 24 Hour Deviation	8.0 dB					Pass
Min Digital Level	-7.0 dBmV					Pass
Max Digital Level	8.0 dBmV					Pass
Conclusion:						P A S S

Reviewed: _____ Date: _____



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/05/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-04

Cal Date: 01/26/09
DOS File: TP-04

Location: TP-04
Location Type: FieldTest
Area: TP-04
Test Pnt Type:
Test Pnt Comp:
AC Voltage:

AmplID:
Power Cfg:
Feeder Maker Cfg:
Trunk Term:
Voltage Setting:
DC Voltage (reg):

Reverse Pad:
Forward Pad:
Rev Equalizer:
Fwd Equalizer:
Temp:
DC Voltage (unreg):

Date:	#1	#2	#3	#4	
Time:	08/05/09	08/05/09	08/06/09	08/06/09	
Temp:	12:01:47	18:01:47	00:01:47	06:01:47	
Channel	37.0 C	52.0 C	35.0 C	31.0 C	
	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
2	10.2	10.0	10.2	10.6	0.6
3	10.4	10.2	10.6	10.9	0.7
4	9.8	9.6	10.0	10.1	0.5
5	9.5	9.1	10.0	10.0	0.9
6	9.4	9.0	9.6	10.2	1.2
7	8.4	8.0	8.9	9.2	1.2
8	8.5	8.3	8.9	9.1	0.8
9	8.6	8.3	9.1	9.6	1.3
10	8.8	8.3	9.5	9.5	1.2
11	8.9	8.5	9.6	9.7	1.2
12	8.9	8.7	9.6	9.9	1.2
13	9.1	8.7	9.6	9.8	1.1
14	8.7	8.5	9.2	9.4	0.9
15	8.6	7.9	8.6	9.0	1.1
19	8.0	7.4	9.3	9.4	2.0
21	8.1	7.6	7.9	8.0	0.5
23	8.7	8.8	9.4	9.7	1.0
24	9.1	8.5	9.5	9.9	1.4
25	8.7	8.3	9.3	9.8	1.5
26	8.9	8.6	9.8	10.1	1.5
27	9.4	8.9	10.1	10.7	1.8
28	8.9	8.4	9.5	9.8	1.4
29	9.1	8.4	9.5	10.0	1.6
30	9.5	8.9	10.0	10.3	1.4
31	9.3	9.0	9.9	10.4	1.4
32	9.5	9.1	10.1	10.6	1.5
33	9.0	8.5	9.7	10.0	1.5
34	9.2	8.6	9.1	10.1	1.5
35	9.0	8.7	9.4	11.8	3.1
36	9.2	8.7	10.7	11.2	2.5
37	8.7	8.5	10.9	10.9	2.4
38	9.1	8.6	10.5	10.9	2.3
39	8.4	8.0	10.1	10.4	2.4
40	8.8	7.9	10.1	10.7	2.8
41	10.7	8.5	10.1	10.5	2.2
42	10.4	9.9	10.0	10.5	0.6
43	10.0	9.9	10.2	10.8	0.9
44	10.3	9.9	10.6	11.2	1.3
45	10.1	9.8	10.5	11.2	1.4
46	10.5	10.1	10.9	11.6	1.5
47	9.0	8.8	9.8	10.6	1.8
48	10.1	9.6	10.4	11.2	1.6
49	9.5	9.4	10.1	10.9	1.5
51	9.7	9.4	10.4	10.6	1.2
52	9.6	9.1	10.1	10.6	1.5
53	9.2	8.6	10.0	10.5	1.9

24 Hour Test Report



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/05/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-04

Cal Date: 01/26/09
DOS File: TP-04

Date:	#1	#2	#3	#4	
Time:	08/05/09	08/05/09	08/06/09	08/06/09	
Temp:	12:01:47	18:01:47	00:01:47	06:01:47	
Channel	37.0 C	52.0 C	35.0 C	31.0 C	
	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
54	9.6	9.2	10.4	11.1	1.9
55	9.2	8.9	10.0	10.5	1.6
56	9.6	8.9	10.4	11.0	2.1
57	9.8	9.3	10.7	11.3	2.0
58	9.6	9.2	10.3	10.9	1.7
59	9.3	9.2	10.3	10.7	1.5
60	9.6	9.6	10.8	11.1	1.5
61	9.7	9.4	10.5	11.2	1.8
62	9.4	8.9	10.0	10.7	1.8
63	9.8	9.0	10.3	11.0	2.0
64	9.7	8.9	10.5	11.0	2.1
65	9.3	9.1	10.2	10.6	1.5
66	9.4	9.0	10.4	11.1	2.1
67	9.7	9.2	10.5	11.3	2.1
68	9.6	8.9	10.4	11.3	2.4
69	9.4	8.8	10.8	11.1	2.3
71	9.8	9.1	10.6	11.2	2.1
72	9.9	9.4	11.4	11.9	2.5
73	9.9	9.2	10.8	11.5	2.3
74	9.9	9.6	10.7	11.4	1.8
75	10.0	9.1	10.6	11.6	2.5
77	10.2	9.4	11.2	11.9	2.5
78	10.9	10.3	11.4	12.4	2.1
79	10.5	9.8	11.7	12.2	2.4
98	8.8	8.4	9.1	9.4	1.0

LIMIT CHECK	Limit	1	2	3	4	
Min Video Carrier Level	0.0 dBmV					Pass
Max Delta Video Level	10.0 dB					Pass
Min Delta V/A	10.0 dB					Pass
Max Delta V/A	17.0 dB					Pass
Max Delta Adjacent Chan	3.0 dB					Pass
Max 24 Hour Deviation	8.0 dB					Pass
Min Digital Level	-7.0 dBmV					Pass
Max Digital Level	8.0 dBmV					Pass
Conclusion:						P A S S

Reviewed: _____ Date: _____



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/10/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-05

Cal Date: 01/26/09
DOS File: TP-05

Location: TP-05	AmpID:	Reverse Pad:
Location Type: FieldTest	Power Cfg:	Forward Pad:
Area: TP-05	Feeder Maker Cfg:	Rev Equalizer:
Test Pnt Type:	Trunk Term:	Fwd Equalizer:
Test Pnt Comp:	Voltage Setting:	Temp:
AC Voltage:	DC Voltage (reg):	DC Voltage (unreg):

Date:	#1	#2	#3	#4	
08/10/09	08/10/09	08/10/09	08/11/09	08/11/09	
Time:	12:01:47	18:01:47	00:01:47	06:01:47	
Temp:	39.0 C	51.0 C	35.0 C	32.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
2	11.0	11.1	11.0	11.3	0.3
3	11.0	11.0	11.3	9.7	1.6
4	10.5	10.6	11.5	12.3	1.8
5	10.8	10.7	11.3	11.6	0.9
6	10.4	10.7	10.9	11.2	0.8
7	9.6	9.5	10.9	11.3	1.8
8	10.0	9.8	11.1	11.2	1.4
9	9.9	9.7	10.7	11.2	1.5
10	10.2	9.8	11.0	11.5	1.7
11	10.2	9.7	11.1	11.5	1.8
12	10.2	9.6	11.1	11.4	1.8
13	9.7	9.2	11.1	11.1	1.9
14	10.7	10.4	10.7	11.0	0.6
15	9.7	9.7	11.1	11.4	1.7
19	9.6	9.4	10.5	10.8	1.4
21	9.5	9.4	10.4	10.7	1.3
23	9.8	9.5	10.9	11.6	2.1
24	10.0	9.5	11.1	11.4	1.9
25	9.4	9.0	10.7	11.3	2.3
26	10.5	10.0	11.6	11.9	1.9
27	10.7	10.1	11.8	12.2	2.1
28	10.5	9.8	11.6	12.1	2.3
29	10.6	10.3	11.6	12.3	2.0
30	11.3	10.8	12.2	12.7	1.9
31	10.8	10.4	12.3	12.9	2.5
32	11.2	10.6	12.8	13.1	2.5
33	11.0	10.4	12.3	12.6	2.2
34	10.9	10.3	12.1	12.7	2.4
35	10.8	10.1	12.1	12.4	2.3
36	10.6	9.8	12.1	12.5	2.7
37	10.2	9.8	11.7	12.1	2.3
38	10.3	9.4	11.8	12.4	3.0
39	9.9	9.1	11.5	12.1	3.0
40	10.2	9.5	12.0	12.3	2.8
41	9.3	8.8	10.9	11.7	2.9
42	9.6	8.6	11.3	11.7	3.1
43	9.3	8.7	11.0	11.6	2.9
44	9.7	9.1	11.7	12.0	2.9
45	9.7	9.1	11.6	12.0	2.9
46	10.5	9.7	12.3	12.4	2.7
47	9.4	8.4	10.9	11.1	2.7
48	10.1	9.0	11.7	12.0	3.0
49	9.5	8.5	11.5	11.6	3.1
51	9.4	8.8	11.5	12.1	3.3
52	9.4	8.6	11.5	11.9	3.3
53	8.5	7.4	10.2	10.6	3.2



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/10/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-05

Cal Date: 01/26/09
DOS File: TP-05

	#1	#2	#3	#4	
Date:	08/10/09	08/10/09	08/11/09	08/11/09	
Time:	12:01:47	18:01:47	00:01:47	06:01:47	
Temp:	39.0 C	51.0 C	35.0 C	32.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
54	8.9	8.1	11.0	11.5	3.4
55	8.3	7.8	10.3	10.8	3.0
56	8.7	7.9	10.7	10.9	3.0
57	8.9	8.2	11.1	11.6	3.4
58	8.8	7.9	11.0	11.3	3.4
59	8.7	7.7	10.7	10.9	3.2
60	8.6	8.1	10.7	11.7	3.6
61	8.9	8.0	11.0	11.4	3.4
62	9.1	8.1	11.0	11.7	3.6
63	9.6	8.6	11.6	12.0	3.4
64	9.2	8.4	11.4	12.1	3.7
65	8.8	8.2	11.3	11.5	3.3
66	9.6	8.8	11.8	12.1	3.3
67	9.6	8.8	11.8	12.2	3.4
68	9.6	8.7	11.9	12.6	3.9
69	9.4	8.4	12.0	12.1	3.7
71	9.2	8.4	11.6	12.0	3.6
72	10.0	9.2	12.1	13.2	4.0
73	9.6	8.3	11.9	12.4	4.1
74	9.7	8.8	11.8	11.9	3.1
75	9.9	8.6	11.7	12.3	3.7
77	10.4	9.1	12.3	13.2	4.1
78	10.1	9.0	12.4	12.8	3.8
79	10.4	9.8	12.8	13.2	3.4
98	10.0	10.0	10.9	10.9	0.9

LIMIT CHECK	Limit	1	2	3	4	
Min Video Carrier Level	0.0 dBmV					Pass
Max Delta Video Level	10.0 dB					Pass
Min Delta V/A	10.0 dB					Pass
Max Delta V/A	17.0 dB					Pass
Max Delta Adjacent Chan	3.0 dB					Pass
Max 24 Hour Deviation	8.0 dB					Pass
Min Digital Level	-7.0 dBmV					Pass
Max Digital Level	8.0 dBmV					Pass
Conclusion:						P A S S

Reviewed: _____

Date: _____



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/06/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-06

Cal Date: 01/26/09
DOS File: TP-06

Location: TP-06
Location Type: FieldTest
Area: TP-06
Test Pnt Type:
Test Pnt Comp:
AC Voltage:

AmplID:
Power Cfg:
Feeder Maker Cfg:
Trunk Term:
Voltage Setting:
DC Voltage (reg):

Reverse Pad:
Forward Pad:
Rev Equalizer:
Fwd Equalizer:
Temp:
DC Voltage (unreg):

Date:	#1	#2	#3	#4	
08/06/09	08/06/09	08/06/09	08/07/09	08/07/09	
12:01:47	12:01:47	18:01:47	00:01:47	06:01:47	
Temp:	39.0 C	53.0 C	36.0 C	31.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
2	11.8	11.8	12.1	12.1	0.3
3	12.5	12.0	12.5	12.5	0.5
4	11.9	11.9	12.1	12.4	0.5
5	12.3	12.2	12.7	12.6	0.5
6	12.6	12.3	12.7	12.9	0.6
7	13.3	12.8	13.4	13.9	1.1
8	13.6	13.4	13.7	13.9	0.5
9	14.1	13.6	14.3	14.1	0.7
10	14.1	13.9	14.0	14.0	0.2
11	14.1	13.9	14.3	14.5	0.6
12	14.3	14.2	14.5	14.6	0.4
13	14.6	14.1	14.9	15.1	1.0
14	12.9	12.6	12.9	13.1	0.5
15	12.6	12.2	12.7	13.0	0.8
19	13.0	12.7	12.8	12.9	0.3
21	12.9	12.4	13.1	12.2	0.9
23	14.4	14.4	14.8	15.5	1.1
24	14.8	14.5	15.1	15.4	0.9
25	14.2	14.0	14.4	15.0	1.0
26	15.1	14.8	15.5	15.9	1.1
27	15.2	14.9	15.5	15.9	1.0
28	14.8	14.3	14.9	15.5	1.2
29	15.1	14.6	15.2	15.7	1.1
30	15.4	15.4	15.8	16.1	0.7
31	15.5	15.2	16.1	15.9	0.9
32	15.7	15.6	16.2	16.5	0.9
33	15.7	15.1	15.9	16.0	0.9
34	15.7	15.5	16.0	16.5	1.0
35	16.0	15.6	16.2	16.3	0.7
36	16.3	15.8	16.3	16.8	1.0
37	15.9	16.1	16.2	17.0	1.1
38	16.0	15.7	16.1	16.6	0.9
39	16.2	15.8	16.3	17.0	1.2
40	16.3	16.1	16.7	17.1	1.0
41	16.1	15.6	16.4	16.7	1.1
42	16.6	16.1	16.5	17.0	0.9
43	16.4	16.0	16.7	17.1	1.1
44	17.0	16.5	17.4	17.7	1.2
45	17.4	17.1	17.4	17.7	0.6
46	18.0	17.8	17.9	18.5	0.7
47	16.8	16.7	17.1	17.1	0.4
48	17.8	17.8	17.9	18.3	0.5
49	17.6	17.1	17.6	18.0	0.9
51	18.3	17.9	18.3	18.9	1.0
52	18.3	18.1	18.5	18.7	0.6
53	17.6	17.4	18.0	18.1	0.7



G.V.T.C
36101 FM 3159
New Braunfels, TX
78132
830-885-4411

2009 24 Hour Summer Report

Model: SDA-5000
Operator: JOHN-GREEN
Date: 08/06/09 Time: 12:01:47
Description:

Serial #: 5330086
File: TP-06

Cal Date: 01/26/09
DOS File: TP-06

	#1	#2	#3	#4	
Date:	08/06/09	08/06/09	08/07/09	08/07/09	
Time:	12:01:47	18:01:47	00:01:47	06:01:47	
Temp:	39.0 C	53.0 C	36.0 C	31.0 C	
Channel	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	Video Lvl(dBmV)	24Hr Deviation(dB)
54	18.8	18.0	18.4	19.2	1.2
55	18.0	18.3	18.1	18.5	0.5
56	18.8	18.5	18.6	19.1	0.6
57	19.0	18.7	19.1	19.6	0.9
58	18.7	18.5	18.9	19.3	0.8
59	18.3	18.6	19.1	19.0	0.8
60	18.9	18.9	19.2	19.6	0.7
61	18.9	18.9	19.1	19.5	0.6
62	18.8	18.6	19.0	19.6	1.0
63	19.1	19.0	19.2	19.9	0.9
64	19.1	18.7	19.5	19.8	1.1
65	19.0	18.9	19.4	19.6	0.7
66	19.0	19.0	19.3	20.0	1.0
67	19.3	18.9	19.9	20.2	1.3
68	19.3	19.0	19.6	20.1	1.1
69	19.0	18.7	19.7	20.0	1.3
71	19.1	19.0	19.5	20.1	1.1
72	19.4	19.4	19.9	20.8	1.4
73	19.7	18.8	20.0	20.2	1.4
74	19.1	18.9	19.6	20.0	1.1
75	19.5	19.1	19.7	19.9	0.8
77	19.8	19.5	20.5	20.8	1.3
78	20.0	19.6	20.1	20.9	1.3
79	20.0	19.7	20.5	21.1	1.4
98	12.5	12.1	12.8	12.6	0.7

LIMIT CHECK	Limit	1	2	3	4	
Min Video Carrier Level	0.0 dBmV					Pass
Max Delta Video Level	10.0 dB					Pass
Min Delta V/A	10.0 dB					Pass
Max Delta V/A	17.0 dB					Pass
Max Delta Adjacent Chan	3.0 dB					Pass
Max 24 Hour Deviation	8.0 dB					Pass
Min Digital Level	-7.0 dBmV					Pass
Max Digital Level	8.0 dBmV					Pass
Conclusion:						P A S S

Reviewed: _____

Date: _____

Proof-of-Performance

Test Point Location: 307 Bentwood Dr.

Test Point # 01

Date: March 04 2009

Time: 8:30 AM

Personnel: John Green

Equipment:

	Description	Brand	S/N	Calibration Date
1.	<u>AT2500RQV</u>	<u>Sunrise Telecom</u>	<u>7072-0806</u>	<u>August 25, 2006</u>
2.	<u>SLM SDA 5000</u>	<u>Acterna</u>	<u>5330086</u>	<u>01-26-09</u>
3.	<u>SA Explorer 1850</u>	<u>Scientific Atlanta</u>	<u>001E61880-8</u>	<u>N/A</u>
4.	<u> </u>			

Channel	C/N (dB)	CSO (dB)	CTB (dB)	Hum (%)	In-Channel Response	A/V Separation
98	<u>49.3</u>	<u>70.4</u>	<u>61.4</u>	<u>.2</u>	<u>.60</u>	<u>-14.5</u>
14	<u>53.2</u>	<u>73.3</u>	<u>65.4</u>	<u>.4</u>	<u>.70</u>	<u>-15.8</u>
23	<u>50.5</u>	<u>73.3</u>	<u>59.1</u>	<u>.2</u>	<u>.60</u>	<u>-14.8</u>
34	<u>51.0</u>	<u>73.9</u>	<u>59.3</u>	<u>.2</u>	<u>.50</u>	<u>-15.0</u>
41	<u>51.0</u>	<u>73.5</u>	<u>59.5</u>	<u>.6</u>	<u>.50</u>	<u>-14.4</u>
50	<u>50.5</u>	<u>73.5</u>	<u>59.4</u>	<u>.6</u>	<u>.70</u>	<u>-14.7</u>
64	<u>52.5</u>	<u>72.1</u>	<u>60.7</u>	<u>.4</u>	<u>.70</u>	<u>-15.5</u>
69	<u>51.0</u>	<u>71.4</u>	<u>60.9</u>	<u>.4</u>	<u>.60</u>	<u>-13.9</u>
78	<u>51.0</u>	<u>69.3</u>	<u>63.1</u>	<u>.6</u>	<u>.50</u>	<u>-14.8</u>