

*FCC PART 15, SUBPART B and C
TEST REPORT**for***RF REMOTE RECEIVER****MODEL: RC-7001RCI**Prepared for
DENON BRAND COMPANY
1-1 OINOKUBOYAMA
SHIRAKAWA, FUKUSHIMA 961-0838, JAPANPrepared by: *Kyle Fujimoto*

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DATE: JUNE 13, 2007

	REPORT BODY	APPENDICES					TOTAL
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1	Conducted Emissions Test Setup
2	Plot Map And Layout of 3 Meter Radiated Site

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

This report must not be used to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Device Tested: RF Remote Receiver
Model: RC-7001RCI
S/N: N/A

Product Description: See Expository Statement

Modifications: The EUT was not modified in order to meet the specifications.

Customer: Denon Brand Company
1-1 Oinokuboyama
Shirakawa, Fukushima 961-0838, Japan

Manufacturer: Computime Limited
7/F., How Ming Fty. Bldg.,
99 How Ming Street Kwun Tong, Kowloon, Hong Kong

Test Dates: June 11 and 12, 2007

Test Specifications: EMI requirements
CFR Title 47, Part 15 Subpart B; and Subpart C, Sections 15.205, 15.209 and 15.249

Test Procedure: ANSI C63.4

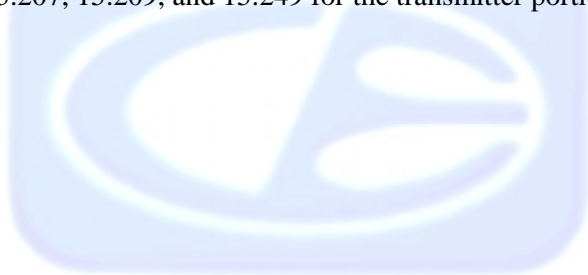
Test Deviations: The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	Complies with the Class B limits of CFR Title 47, Part 15, Subpart B; and Subpart C, section 15.207
2	Radiated RF Emissions, 10 kHz – 25000 MHz (Transmitter Portion)	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209, and 15.249.
3	Radiated RF Emissions, 10 kHz – 25000 MHz (Digital and Receiver Portion)	Complies with the Class B limits of CFR Title 47, Part 15, Subpart B.

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the RF Remote Receiver, Model: RC-7001RCI. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B for the digital and receiver portion; and the limits defined in Subpart C, sections 15.205, 15.207, 15.209, and 15.249 for the transmitter portion.



2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California 92823.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Denon Brand Company

Kazuhiko Kumagai

Compatible Electronics, Inc.

Kyle Fujimoto Test Engineer

Michael Christensen Lab Manager

2.4 Date Test Sample was Received

The test sample was received on June 11, 2007.

2.5 Disposition of the Test Sample

The sample was returned to Denon Brand Company on June 13, 2007.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4 2003	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description Of Test Configuration - EMI

Setup and operation of the equipment under test.

Specifics of the EUT and Peripherals Tested

Transmit Mode: The RF Remote Receiver, Model: RC-7001RCI (EUT) was connected to an AC Adapter, laptop and four (4) IR diodes via its power, remote control, and IR out ports, respectively. The laptop was also connected to a printer and AC Adapter via its parallel and power ports, respectively. The EUT was transmitting on a continuous basis. The laptop was also used to change the channels on the EUT to the low, middle, and high channels.

Receive Mode: The RF Remote Receiver, Model: RC-7001RCI (EUT) was connected to an AC Adapter, HDD Music System, and four (4) IR diodes via its power, remote control, and IR out ports, respectively. The HDD Music System was also connected to an Up/Down converter via its power port. The EUT was receiving on a continuous basis from the RF Remote Controller, Model: RC-7000CI.

The final radiated as well as conducted data was taken in the both modes above. Please see Appendix E for the data sheets.

4.1.1 Cable Construction and Termination

Cable 1 (Transmit Mode Only)

This is a 1.8-meter braid and foil shielded cable connecting the printer to the laptop. The cable has a metallic Centronics type connector at the printer end and a metallic D-25 pin connector at the laptop end. The cable was grounded to the chassis via the connectors.

Cable 2 This is a 2-meter unshielded cable connecting the EUT to the AC Adapter. The cable has a 1/8 inch power connector at the EUT end and is hard wired into the AC Adapter. The cable has a molded ferrite at the EUT end.

Cable 3 This is a 2-meter unshielded cable connecting the EUT to the IR diode #1. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #1. The cable was bundled to a length of 1 meter.

Cable 4 This is a 2-meter unshielded cable connecting the EUT to the IR diode #2. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #2. The cable was bundled to a length of 1 meter.

Cable 5 This is a 2-meter unshielded cable connecting the EUT to the IR diode #3. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #3. The cable was bundled to a length of 1 meter.

Cable 6 This is a 2-meter unshielded cable connecting the EUT to the IR diode #4. The cable has a 1/8 inch mono connector at the EUT end and is hard wired into the IR diode #4. The cable was bundled to a length of 1 meter.

Cable 7 (Transmit Mode Only)
This is a 1-meter foil shielded cable connecting the EUT to the laptop. The cable has a metallic 8 pin mini-DIN connector at the EUT end and a metallic D-9 pin connector at the laptop end. The shield of the cable was grounded to the chassis via the connectors.

Cable 8 (Transmit Mode Only)
This is a 1.8-meter unshielded cable connecting the laptop to the AC Adapter. The cable has a 1/8 inch power connector at the EUT end and is hard wired into the AC Adapter. The cable has a molded ferrite at the laptop end.

Cable 9 (Receive Mode Only)
This is a 2-meter unshielded cable connecting the HDD Music System to the Up/Down Converter. The cable has a 3-prong AC connector at the Up/Down Converter end and is hard wired into the HDD Music System. The cable was bundled to a length of 1 meter.

Cable 10 (Receive Mode Only)
This is a 1-meter foil cable connecting the HDD Music System to the EUT. The cable has a 1/8 inch power connector at the HDD Music System end and a metallic 8 pin mini-DIN connector at the EUT end. The shield of the cable was grounded to the chassis via the connectors.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT**5.1 EUT and Accessory List**

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
RF REMOTE RECEIVER (EUT)	COMPUTIME LIMITED	RC-7001RCI	N/A	BV2-RC7001
PRINTER	CITIZEN	LSP-10	11843980-7Z	DLK66TLSP-10
AC ADAPTER FOR LAPTOP	DELL	PA-1650-05D2	CN-0F7970-71615-54P-719F	N/A
LAPTOP	DELL	PP11L	N/A	DoC
IR DIODE	N/A	N/A	N/A	N/A
AC ADAPTER FOR EUT	MARANTZ	DA660PMD	N/A	N/A
HDD MUSIC SYSTEM	DENON BRAND COMPANY	CHR-F103	6110103968	N/A
UP/DOWN CONVERTER	SIMRAN	SM-100DE	N/A	N/A

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
GENERAL TEST EQUIPMENT USED FOR ALL RF EMISSIONS TESTS					
Computer	Hewlett Packard	4530	US91912319	N/A	N/A
Spectrum Analyzer – Main Section	Hewlett Packard	8566B	3638A08784	June 4, 2007	June 4, 2008
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	3701A22279	June 4, 2007	June 4, 2008
Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00424	June 4, 2007	June 4, 2008
EMI Receiver	Rohde & Schwarz	ESIB40	100194	November 15, 2005	Nov. 15, 2007
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A
RF RADIATED EMISSIONS TEST EQUIPMENT					
Preamplifier	Com Power	PA-103	1582	January 16, 2006	Jan. 16, 2007
Biconical Antenna	Com Power	AB-900	15251	March 8, 2007	March 8, 2008
Log Periodic Antenna	Com Power	AL-100	16241	July 17, 2006	July 17, 2007
Loop Antenna	Com Power	AL-130	17089	September 21, 2005	Sept. 21, 2006
Horn Antenna	Antenna Research	DRG-118/A	1053	March 6, 2006	March 6, 2008
Microwave Preamplifier	Com Power	PA-122	181921	Feb. 27, 2007	Feb. 27, 2008
Microwave Preamplifier	Com Power	PA-840	711919	Feb. 27, 2007	Feb. 27, 2008
Horn Antenna	Com Power	AH826	71957	December 12, 2005	Dec. 12, 2007
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A
RF CONDUCTED EMISSIONS TEST EQUIPMENT					
LISN	Com Power	LI-215	12090	September 13, 2006	Sept. 13, 2007
LISN	Com Power	LI-215	12076	September 13, 2006	Sept. 13, 2007
Transient Limiter	Seaward	252A910	K39-0220	September 15, 2006	Sept. 15, 2007

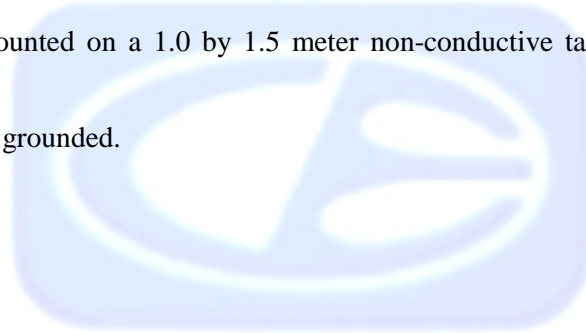
6. TEST SITE DESCRIPTION**6.1 Test Facility Description**

Please refer to section 2.1 and 7.1 of this report for EMI test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was not grounded.



7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

7.1 RF Emissions

7.1.1 Conducted Emissions Test

The spectrum analyzer was used as a measuring meter. The data was collected with the spectrum analyzer in the peak detect mode with the "Max Hold" feature activated. The quasi-peak was used only where indicated in the data sheets. A transient limiter was used for the protection of the spectrum analyzer input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the spectrum analyzer. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for this test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in EN 55022. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The conducted emissions from the EUT were maximized for operating mode as well as cable placement. The final data was collected under program control by the Compatible Electronics software in several overlapping sweeps by running the spectrum analyzer at a minimum scan rate of 10 seconds per octave. The final qualification data is located in Appendix E.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, section 15.207.

7.1.2 Radiated Emissions (Spurious and Harmonics) Test

The spectrum analyzer and EMI Receiver were used as a measuring meter along with the quasi-peak adapter. Amplifiers were used to increase the sensitivity of the instrument. The Com Power Preamplifier Model: PA-103 was used for frequencies from 30 MHz to 1 GHz, and the Com-Power Microwave Preamplifier Models: PA-122 and PA-840 were used for frequencies above 1 GHz. The spectrum analyzer and EMI Receiver were used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer or EMI Receiver records the highest measured reading over all the sweeps.

The frequencies above 1 GHz were averaged manually by narrowing the video filter down to 10 Hz and putting the sweep time on AUTO on the EMI Receiver to keep the amplitude reading calibrated.

The measurement bandwidths and transducers used for the radiated emissions test were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 300 MHz	120 kHz	Biconical Antenna
300 MHz to 1 GHz	120 kHz	Log Periodic Antenna
1 GHz to 25 GHz	1 MHz	Horn Antenna

The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength). The gunsight method was used when measuring with the horn antenna in order to ensure accurate results. The loop antenna was also rotated in the horizontal and vertical axis in order to ensure accurate results.

7.1.3 Radiated Emissions (Spurious and Harmonics) Test (Continued)

The presence of ambient signals was verified by turning the EUT off. In case an ambient signal was detected, the measurement bandwidth was reduced temporarily and verification was made that an additional adjacent peak did not exist. This ensures that the ambient signal does not hide any emissions from the EUT. The EUT was tested at a 3 meter test distance to obtain the final test data. The final qualification data sheets are located in Appendix E.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, sections 15.205, 15.209, and 15.249.

8. CONCLUSIONS

The RF Remote Receiver, Model: RC-7001RCI meets all of the **Class B** specification limits defined in CFR Title 47, Part 15, Subpart B for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.207, 15.209, and 15.249 for the transmitter portion.





APPENDIX A

LABORATORY RECOGNITIONS

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

LABORATORY RECOGNITIONS

Compatible Electronics has the following agency accreditations:

National Voluntary Laboratory Accreditation Program - Lab Code: 200528-0

Voluntary Control Council for Interference - Registration Numbers: R-983, C-1026, R-984 and C-1027

Bureau of Standards and Metrology Inspection - Reference Number: SL2-IN-E-1031

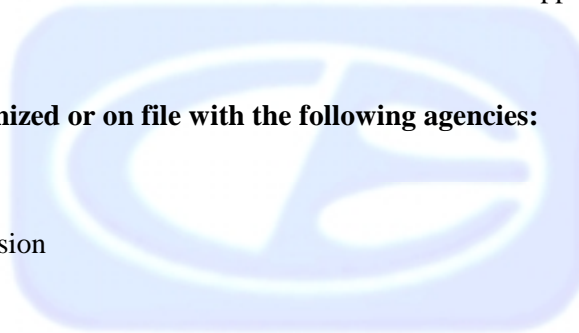
Conformity Assessment Body for the EMC Directive Under the US/EU MRA Appointed by NIST

Compatible Electronics is recognized or on file with the following agencies:

Federal Communications Commission

Industry Canada

Radio-Frequency Technologies (Competent Body)





APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.249 or FCC Class B specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

No modifications were made to the EUT.




APPENDIX C***ADDITIONAL MODELS COVERED
UNDER THIS REPORT***

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

RF Remote Receiver
Model: RC-7001RCI
S/N: N/A

There were no additional models covered under this report.





APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

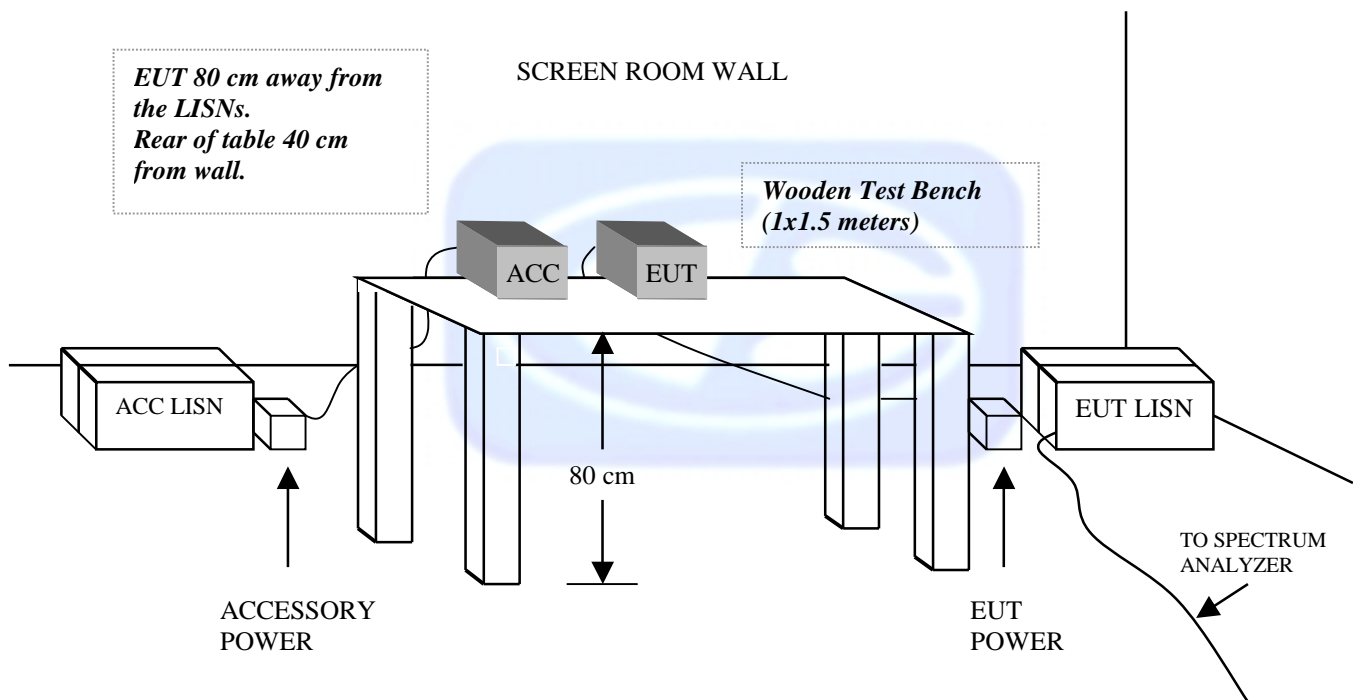
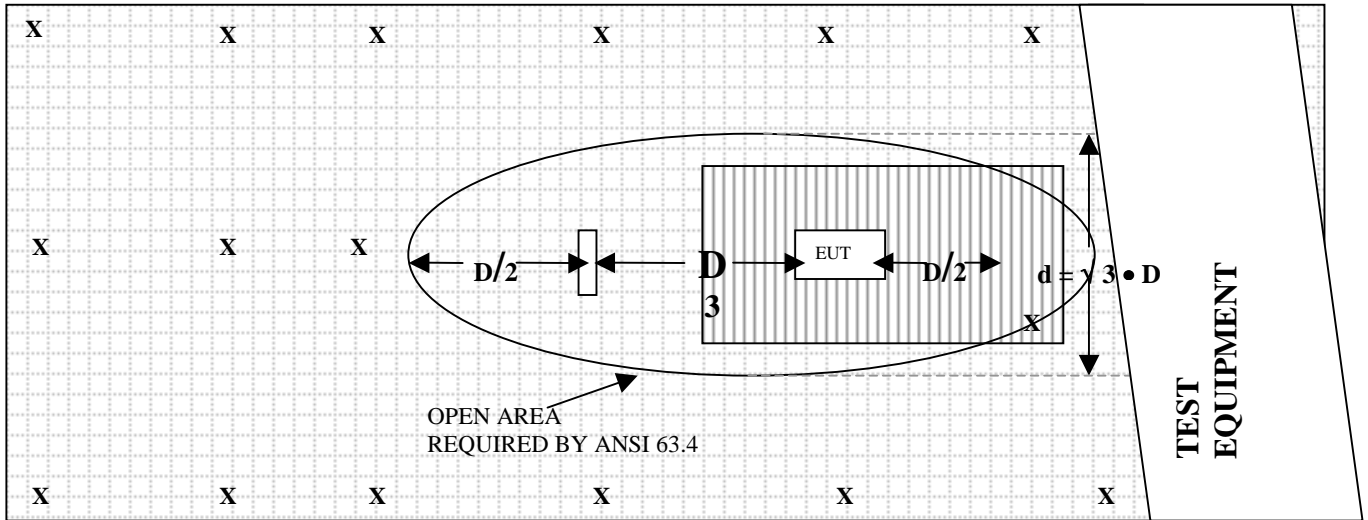


FIGURE 2: PLOT MAP AND LAYOUT OF 3 METER RADIATED SITE

OPEN LAND > 15 METERS

OPEN LAND > 15 METERS



OPEN LAND > 15 METERS

- | | | | |
|----------|--------------------------|--|-----------------|
| X | = GROUND RODS | | = GROUND SCREEN |
| D | = TEST DISTANCE (meters) | | = WOOD COVER |

COM-POWER AB-900**BICONICAL ANTENNA**

S/N: 15251

CALIBRATION DATE: MARCH 8, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	11.9	100	10.6
35	12.1	120	12.5
40	10.7	140	11.4
45	10.9	160	12.5
50	13.4	180	15.1
60	11.6	200	16.1
70	9.5	250	14.3
80	6.9	275	18.2
90	6.6	300	20.5

COM-POWER AL-100**LOG PERIODIC ANTENNA**

S/N: 16241

CALIBRATION DATE: JULY 17, 2006

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	12.38	700	20.13
400	14.55	800	19.71
500	15.75	900	21.88
600	17.30	1000	22.43

COM-POWER PA-103**PREAMPLIFIER**

S/N: 1582

CALIBRATION DATE: JANUARY 16, 2007

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	33.0	300	33.0
40	33.0	350	32.7
50	33.0	400	32.7
60	33.0	450	32.5
70	33.1	500	32.5
80	33.1	550	32.4
90	33.1	600	32.4
100	33.1	650	32.4
125	33.2	700	32.3
150	32.9	750	32.1
175	33.1	800	32.1
200	32.9	850	32.3
225	32.9	900	32.1
250	32.9	950	32.2
275	32.9	1000	32.1

COM-POWER PA-122**PREAMPLIFIER**

S/N: 181921

CALIBRATION DATE: FEBRUARY 27, 2007

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	36.2	10.0	35.1
1.5	35.4	10.5	34.8
2.0	34.7	11.0	33.5
2.5	34.8	11.5	33.9
3.0	34.8	12.0	34.0
3.5	34.6	12.5	34.4
4.0	34.2	13.0	34.4
4.5	34.1	13.5	34.7
5.0	34.1	14.0	36.0
5.5	34.7	14.5	35.7
6.0	35.6	15.0	36.1
6.5	36.8	15.5	35.6
7.0	36.7	16.0	35.4
7.5	34.9	16.5	35.3
8.0	33.3	17.0	34.9
8.5	33.6	17.5	33.7
9.0	34.6	18.0	33.3
9.5	35.9		

ANTENNA RESEARCH DRG-118/A**HORN ANTENNA**

S/N: 1053

CALIBRATION DATE: MARCH 6, 2006

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.46	10.0	39.55
1.5	25.05	10.5	39.86
2.0	28.42	11.0	38.49
2.5	29.91	11.5	40.71
3.0	31.46	12.0	40.59
3.5	31.91	12.5	40.17
4.0	31.55	13.0	39.70
4.5	31.94	13.5	40.84
5.0	32.90	14.0	41.58
5.5	34.07	14.5	45.14
6.0	35.69	15.0	42.20
6.5	33.11	15.5	39.42
7.0	36.51	16.0	38.80
7.5	37.27	16.5	41.08
8.0	37.21	17.0	44.11
8.5	37.16	17.5	46.29
9.0	38.27	18.0	41.61
9.5	39.73		

COM-POWER PA-840**MICROWAVE PREAMPLIFIER**

S/N: 711919

CALIBRATION DATE: FEBRUARY 27, 2007

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	28.3	29.5	26.1
18.5	28.0	30.0	26.2
19.0	28.0	30.5	25.9
19.5	27.7	31.0	26.2
20.0	27.7	31.5	26.5
20.5	27.9	32.0	26.5
21.0	27.7	32.5	25.4
21.5	26.5	33.0	25.8
22.0	25.9	33.5	25.0
22.5	26.8	34.0	25.2
23.0	27.2	34.5	25.1
23.5	25.9	35.0	24.7
24.0	25.5	35.5	24.6
24.5	26.4	36.0	24.7
25.0	27.5	36.5	25.2
25.5	27.7	37.0	24.7
26.0	27.8	37.5	25.8
26.5	26.3	38.0	26.4
27.0	26.0	38.5	27.9
27.5	25.9	39.0	27.7
28.0	26.2	39.5	27.5
28.5	26.2	40.0	25.4
29.0	26.2		

COM-POWER AH826**HORN ANTENNA**

S/N: 71957

CALIBRATION DATE: DECEMBER 12, 2005

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	32.4	22.5	32.0
18.5	31.4	23.0	32.2
19.0	31.5	23.5	31.2
19.5	30.9	24.0	33.1
20.0	33.1	24.5	33.1
20.5	33.4	25.0	33.4
21.0	32.1	25.5	33.4
21.5	32.5	26.0	32.9
22.0	32.3	26.5	33.6

COM-POWER AL-130**LOOP ANTENNA**

S/N: 17089

CALIBRATION DATE: SEPTEMBER 21, 2005

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-42.84	8.66
0.01	-41.93	9.57
0.02	-41.29	10.21
0.05	-42.37	9.13
0.07	-41.8	9.7
0.1	-41.83	9.67
0.2	-44.13	7.37
0.3	-41.73	9.77
0.5	-41.8	9.7
0.7	-41.53	9.97
1	-41.46	10.04
2	-41.14	10.36
3	-41.26	10.24
4	-41.46	10.04
5	-41.10	10.40
10	-40.83	10.67
15	-41.47	10.03
20	-35.44	16.06
25	-42.37	9.13
30	-42.94	8.56



FRONT VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – TRANSMIT MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB B

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



REAR VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – TRANSMIT MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB B

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FRONT VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – RECEIVE MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB B

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REAR VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – RECEIVE MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB B

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – TRANSMIT MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB A

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REAR VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – TRANSMIT MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB A

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FOR MAXIMUM EMISSIONS**

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FRONT VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – RECEIVE MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB A

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REAR VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – RECEIVE MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – RADIATED EMISSIONS – LAB A

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – TRANSMIT MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

Brea Division
114 Olinda Drive
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REAR VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – TRANSMIT MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – RECEIVE MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – CONDUCTED EMISSIONS

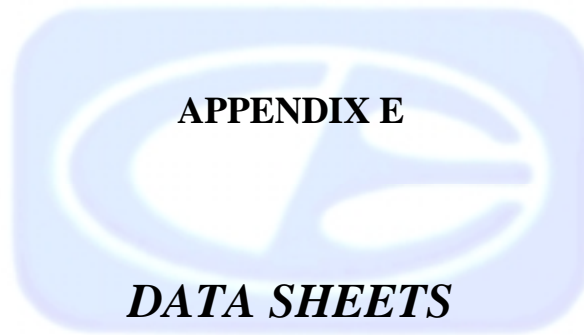
**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

DENON BRAND COMPANY
RF REMOTE RECEIVER – RECEIVE MODE
MODEL: RC-7001RCI
FCC SUBPART B AND C – CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



RADIATED EMISSIONS

DATA SHEETS

FCC 15.249

Denon Brand Company
 RF Remote Receiver
 Model: RC-7001RCI

Date: 06/11/07
 Labs: B and D
 Tested By: Kyle Fujimoto

X-Axis
Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	92.15	V	114	-21.85	Peak	1.83	135	Low Channel
2405	87.41	V	94	-6.59	Avg	1.83	135	
4810	49.69	V	74	-24.31	Peak	2.44	135	Low Channel
4810	44.03	V	54	-9.97	Avg	2.44	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Low Channel
2440	91.51	V	114	-22.49	Peak	1.77	135	Middle Channel
2440	86.66	V	94	-7.34	Avg	1.77	135	
4880	48.65	V	74	-25.35	Peak	1.38	135	Middle Channel
4880	42.26	V	54	-11.74	Avg	1.38	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Middle Channel
2475	92.48	V	114	-21.52	Peak	2.18	135	High Channel
2475	87.98	V	94	-6.02	Avg	2.18	135	
4950	51.56	V	74	-22.44	Peak	2.03	135	High Channel
4950	47.19	V	54	-6.81	Avg	2.03	135	
								No Harmonics Found Beyond the 2nd Harmonic for the High Channel

FCC 15.249

Denon Brand Company
 RF Remote Receiver
 Model: RC-7001RCI

Date: 06/11/07
 Labs: B and D
 Tested By: Kyle Fujimoto

X-Axis
Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	89.87	H	114	-24.13	Peak	1.97	225	Low Channel
2405	85.13	H	94	-8.87	Avg	1.97	225	
4810	50.19	H	74	-23.81	Peak	1.14	180	Low Channel
4810	46.58	H	54	-7.42	Avg	1.14	180	
								No Harmonics Found Beyond the 2nd Harmonic for the Low Channel
2440	91.51	H	114	-22.49	Peak	2.76	135	Middle Channel
2440	87.08	H	94	-6.92	Avg	2.76	135	
4880	50.27	H	74	-23.73	Peak	2.47	135	Middle Channel
4880	44.41	H	54	-9.59	Avg	2.47	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Middle Channel
2475	91.22	H	114	-22.78	Peak	2.25	135	High Channel
2475	86.64	H	94	-7.36	Avg	2.25	135	
4950	51.88	H	74	-22.12	Peak	2.45	135	High Channel
4950	47.62	H	54	-6.38	Avg	2.45	135	
								No Harmonics Found Beyond the 2nd Harmonic for the High Channel

FCC 15.249

Denon Brand Company
 RF Remote Receiver
 Model: RC-7001RCI

Date: 06/11/07
 Labs: B and D
 Tested By: Kyle Fujimoto

Y-Axis
Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	92.22	V	114	-21.78	Peak	2.09	135	Low Channel
2405	87.45	V	94	-6.55	Avg	2.09	135	
4810	49.26	V	74	-24.74	Peak	1.25	135	Low Channel
4810	42.84	V	54	-11.16	Avg	1.25	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Low Channel
2440	93.49	V	114	-20.51	Peak	1.31	125	Middle Channel
2440	88.91	V	94	-5.09	Avg	1.31	125	
4880	50.06	V	74	-23.94	Peak	1	135	Middle Channel
4880	44.36	V	54	-9.64	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Middle Channel
2475	93.82	V	114	-20.18	Peak	1	135	High Channel
2475	88.86	V	94	-5.14	Avg	1	135	
4950	55.12	V	74	-18.88	Peak	1	135	High Channel
4950	51.16	V	54	-2.84	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the High Channel

FCC 15.249

Denon Brand Company
 RF Remote Receiver
 Model: RC-7001RCI

Date: 06/11/07
 Labs: B and D
 Tested By: Kyle Fujimoto

Y-Axis
Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	94.51	H	114	-19.49	Peak	1.25	135	Low Channel
2405	90.03	H	94	-3.97	Avg	1.25	135	
4810	53.25	H	74	-20.75	Peak	1	180	Low Channel
4810	48.36	H	54	-5.64	Avg	1	180	
								No Harmonics Found Beyond the 2nd Harmonic for the Low Channel
2440	95.06	H	114	-18.94	Peak	1	135	Middle Channel
2440	90.43	H	94	-3.57	Avg	1	135	
4880	54.51	H	74	-19.49	Peak	2.51	135	Middle Channel
4880	48.13	H	54	-5.87	Avg	2.51	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Middle Channel
2475	94.56	H	114	-19.44	Peak	2.58	135	High Channel
2475	90	H	94	-4	Avg	2.58	135	
4950	49.88	H	74	-24.12	Peak	2.39	135	High Channel
4950	45.7	H	54	-8.3	Avg	2.39	135	
								No Harmonics Found Beyond the 2nd Harmonic for the High Channel

FCC 15.249

Denon Brand Company
 RF Remote Receiver
 Model: RC-7001RCI

Date: 06/11/07
 Labs: B and D
 Tested By: Kyle Fujimoto

Z-Axis
Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	90.31	V	114	-23.69	Peak	1	135	Low Channel
2405	85.08	V	94	-8.92	Avg	1	135	
4810	49.41	V	74	-24.59	Peak	1	135	Low Channel
4810	44.02	V	54	-9.98	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Low Channel
2440	92.32	V	114	-21.68	Peak	1.25	135	Middle Channel
2440	87.49	V	94	-6.51	Avg	1.25	135	
4880	49.27	V	74	-24.73	Peak	1	135	Middle Channel
4880	44.05	V	54	-9.95	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Middle Channel
2475	92.96	V	114	-21.04	Peak	1	135	High Channel
2475	87.68	V	94	-6.32	Avg	1	135	
4950	52.44	V	74	-21.56	Peak	1.82	153	High Channel
4950	47.81	V	54	-6.19	Avg	1.82	135	
								No Harmonics Found Beyond the 2nd Harmonic for the High Channel

FCC 15.249

Denon Brand Company
 RF Remote Receiver
 Model: RC-7001RCI

Date: 06/11/07
 Labs: B and D
 Tested By: Kyle Fujimoto

Z-Axis
Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2405	91.1	H	114	-22.9	Peak	1	135	Low Channel
2405	86.55	H	94	-7.45	Avg	1	135	
4810	47.12	H	74	-26.88	Peak	1	135	Low Channel
4810	39.12	H	54	-14.88	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Low Channel
2440	89.98	H	114	-24.02	Peak	1	135	Middle Channel
2440	84.41	H	94	-9.59	Avg	1	135	
4880	47.96	H	74	-26.04	Peak	1	135	Middle Channel
4880	42.69	H	54	-11.31	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the Middle Channel
2475	89.38	H	114	-24.62	Peak	1	135	High Channel
2475	84.55	H	94	-9.45	Avg	1	135	
4950	45.77	H	74	-28.23	Peak	1	135	High Channel
4950	37.05	H	54	-16.95	Avg	1	135	
								No Harmonics Found Beyond the 2nd Harmonic for the High Channel



Test Location : Compatible Electronics **Page** : 1/1
Customer : Denon Brand Company **Date** : 6/12/2007
Manufacturer : Denon Brand Company **Time** : 10:38:51
Eut name : RF Remote Receiver **Lab** : A
Model : RC-70001RCI **Test Distance** : 3.0 Meters
Serial # : N/A
Specification : FCC B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : Radiated Emissions - Transmit Mode
 10 kHz to 1 GHz - Vertical and Horizontal Polarization
 X-Axis (Worst Case)
 Tested By: Kyle Fujimoto

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
1H	57.682	41.60	1.00	11.99	33.00	21.59	40.00	-18.41
2V	58.368	48.60	1.00	11.87	33.00	28.47	40.00	-11.53
3V	115.950	56.90	1.73	12.14	33.17	37.61	43.50	-5.89
4V	116.767	56.50	1.74	12.22	33.17	37.28	43.50	-6.22
5H	128.888	42.20	1.87	11.99	33.15	22.91	43.50	-20.59
6V	129.101	53.30	1.87	11.98	33.15	34.00	43.50	-9.50
7V	131.149	53.90	1.91	11.87	33.12	34.55	43.50	-8.95
8V	147.452	40.70	2.16	11.83	32.93	21.76	43.50	-21.74
9V	220.445	38.30	2.77	15.31	32.90	23.48	46.00	-22.52
10V	244.240	43.10	2.80	14.49	32.90	27.49	46.00	-18.51
11H	288.173	40.10	3.15	19.44	32.95	29.74	46.00	-16.26
12H	314.726	49.00	3.32	12.74	32.91	32.16	46.00	-13.84
13H	366.510	51.60	3.70	13.89	32.70	36.49	46.00	-9.51
14H	401.332	46.80	3.91	14.57	32.69	32.58	46.00	-13.42
15H	449.265	38.60	4.10	15.17	32.50	25.37	46.00	-20.63
16H	594.101	41.50	5.44	17.22	32.40	31.76	46.00	-14.24
17V	708.665	35.80	5.97	20.09	32.26	29.60	46.00	-16.40



Test Location : Compatible Electronics **Page** : 1/1
Customer : Denon Brand Company **Date** : 6/12/2007
Manufacturer : Denon Brand Company **Time** : 14:57:06
Eut name : RF Remote Receiver **Lab** : A
Model : RC-70001RCI **Test Distance** : 3.0 Meters
Serial # : N/A
Specification : FCC B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : Radiated Emissions - Receive Mode
 10 kHz to 1 GHz - Vertical and Horizontal Polarization
 X-Axis (Worst Case)
 Tested By: Kyle Fujimoto

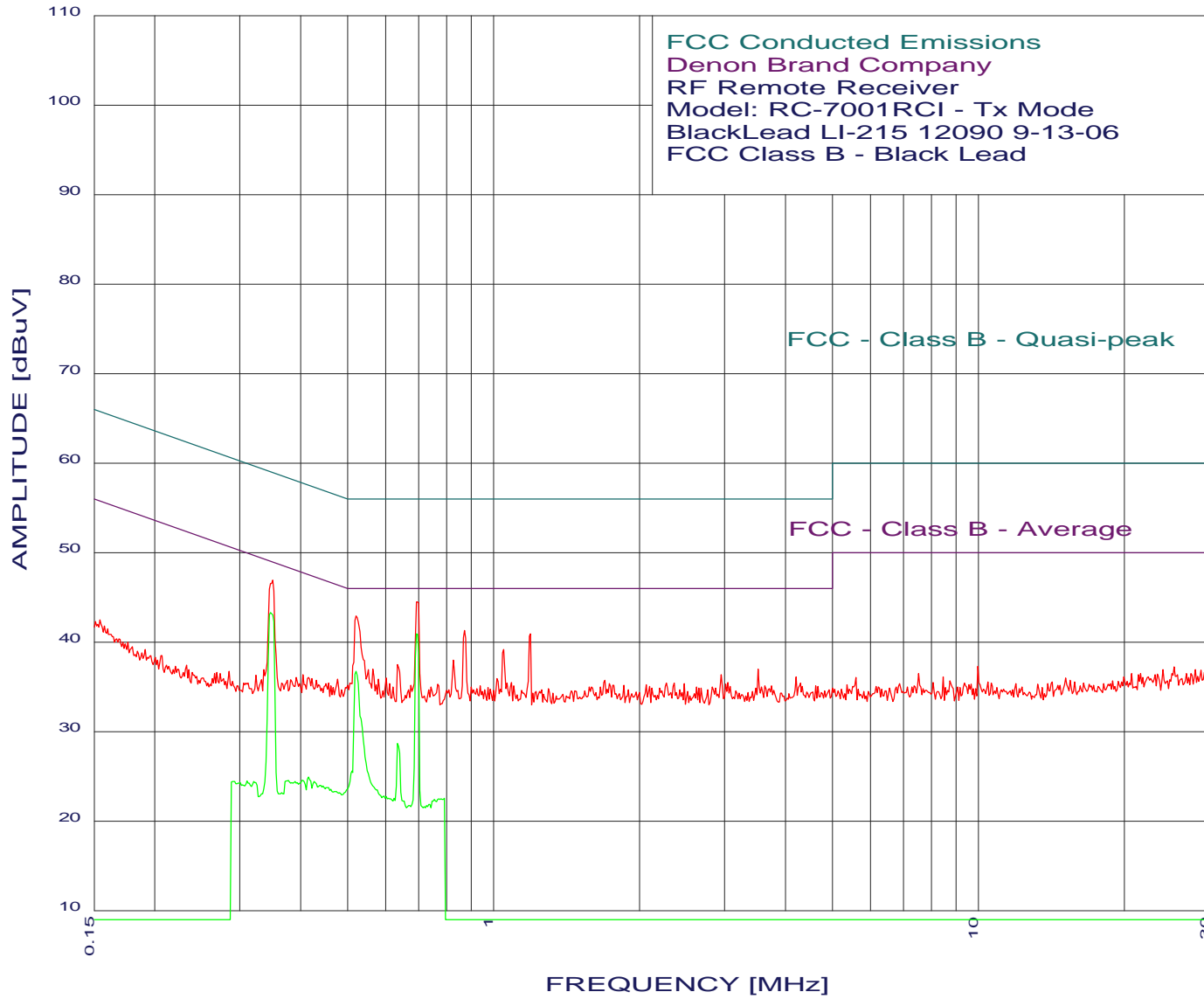
Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	Limit = L dBuV/m	Delta R-L dB
1H	30.233	36.70	0.80	11.91	33.00	16.41	40.00	-23.59
2V	64.048	48.10	1.08	10.71	33.04	26.85	40.00	-13.15
3H	64.305	43.50	1.09	10.66	33.04	22.20	40.00	-17.80
4V	108.879	46.00	1.68	11.49	33.14	26.02	43.50	-17.48
5V	116.179	54.80	1.73	12.16	33.17	35.53	43.50	-7.97
6V	128.080	47.10	1.85	12.04	33.16	27.83	43.50	-15.67
7H	128.097	45.20	1.85	12.03	33.16	25.93	43.50	-17.57
8H	141.300	46.30	2.07	11.48	33.00	26.85	43.50	-16.65
9V	209.885	46.20	2.68	15.71	32.90	31.69	43.50	-11.81
10H	300.500	43.30	3.20	12.39	33.00	25.90	46.00	-20.10
11H	510.619	44.30	4.69	15.93	32.48	32.44	46.00	-13.56
12H	607.789	33.10	5.60	17.54	32.40	23.83	46.00	-22.17

CONDUCTED EMISSIONS

DATA SHEETS

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

6/12/2007 9:49:40



FCC Conducted Emissions
Denon Brand Company
RF Remote Receiver
Model: RC-7001RCI - Tx Mode
BlackLead LI-215 12090 9-13-06
FCC Class B - Black Lead

FCC - Class B - Quasi-peak
FCC - Class B - Average



COMPATIBLE
ELECTRONICS



**COMPATIBLE
ELECTRONICS**

6/12/2007 9:49:40

Denon Brand Company
RF Remote Receiver
Model: RC-7001RCI - Tx Mode
FCC Class B - Black Lead
TEST ENGINEER : Kyle Fujimoto

50 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	limit(dB)	Delta(dB)
1	0.698	44.45	46.00	-1.55*
2	0.350	46.91	48.95	-2.05*
3	0.521	42.93	46.00	-3.07*
4	0.872	41.27	46.00	-4.73
5	1.191	40.88	46.00	-5.12
6	1.049	39.19	46.00	-6.81
7	0.826	37.97	46.00	-8.03
8	0.634	37.45	46.00	-8.55*
9	3.511	36.98	46.00	-9.02
10	0.564	36.94	46.00	-9.06*
11	0.552	36.94	46.00	-9.06*
12	2.948	36.35	46.00	-9.65
13	4.204	36.10	46.00	-9.90
14	0.601	35.94	46.00	-10.06*
15	1.016	35.89	46.00	-10.11
16	0.580	35.84	46.00	-10.16*
17	1.699	35.74	46.00	-10.26
18	1.089	35.48	46.00	-10.52
19	3.043	35.46	46.00	-10.54
20	2.358	35.43	46.00	-10.57
21	2.274	35.43	46.00	-10.57
22	0.476	35.83	46.40	-10.58*
23	4.294	35.40	46.00	-10.60
24	0.611	35.34	46.00	-10.66*
25	1.735	35.34	46.00	-10.66
26	2.475	35.34	46.00	-10.66
27	0.767	35.26	46.00	-10.74*
28	2.066	35.22	46.00	-10.78
29	1.763	35.14	46.00	-10.86
30	1.859	35.13	46.00	-10.87
31	4.624	35.12	46.00	-10.88
32	3.741	35.08	46.00	-10.92
33	1.100	35.08	46.00	-10.92
34	0.939	35.08	46.00	-10.92
35	3.624	35.08	46.00	-10.92
36	2.100	35.02	46.00	-10.98
37	4.672	35.02	46.00	-10.98
38	2.826	34.95	46.00	-11.05
39	1.577	34.95	46.00	-11.05
40	0.621	34.94	46.00	-11.06*
41	2.624	34.94	46.00	-11.06
42	0.974	34.89	46.00	-11.11
43	2.679	34.84	46.00	-11.16
44	2.651	34.84	46.00	-11.16
45	2.123	34.82	46.00	-11.18
46	1.297	34.77	46.00	-11.23
47	0.984	34.69	46.00	-11.31
48	0.958	34.69	46.00	-11.31
49	1.256	34.67	46.00	-11.33

*Please See the Average Readings on the Next Page and on the Plot



**COMPATIBLE
ELECTRONICS**

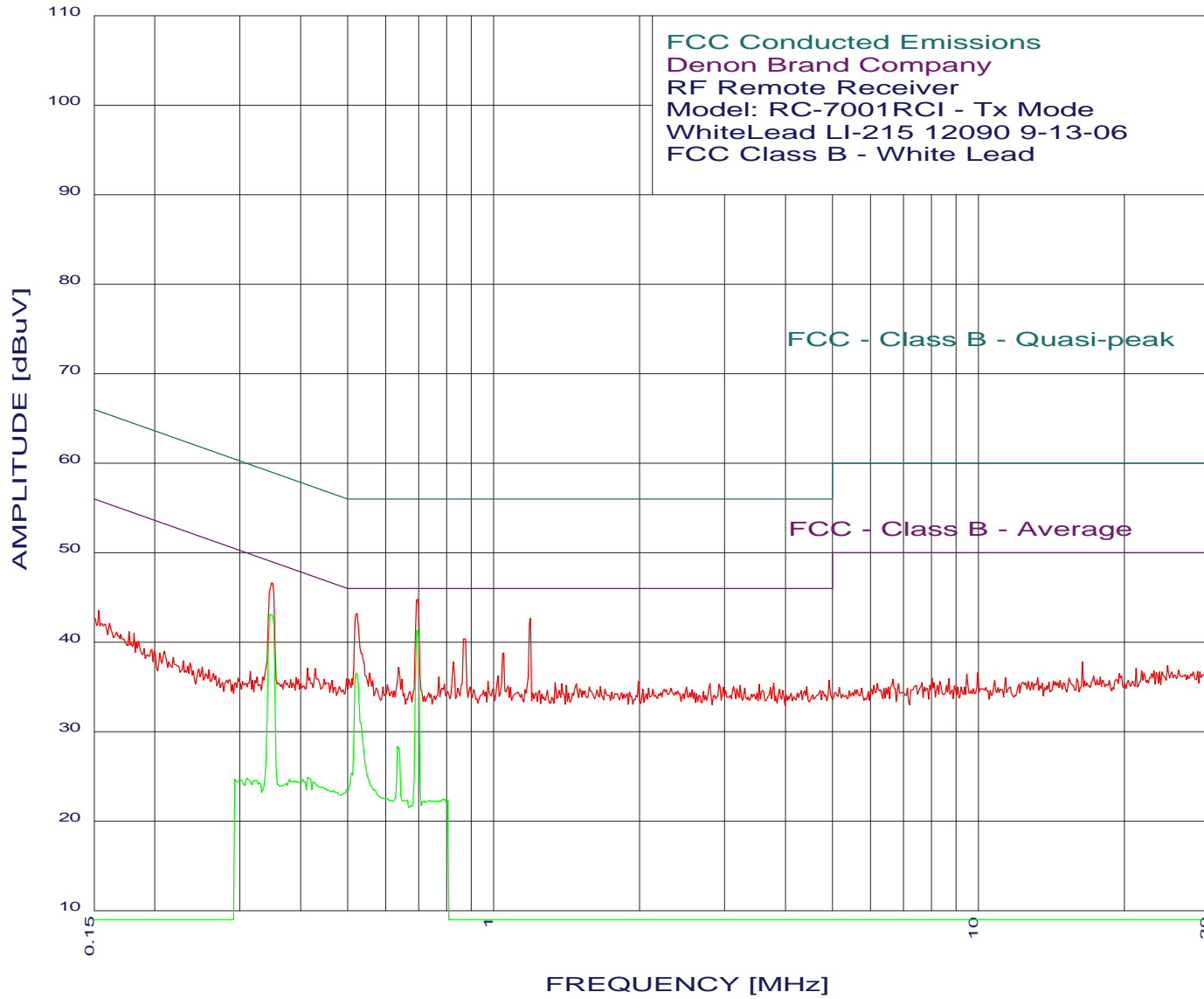
Denon Brand Company
RF Remote Receiver
Model: RC-7001RCI - Tx Mode
FCC Class B - Black Lead
TEST ENGINEER : Kyle Fujimoto

42 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	limit(dB)	Delta(dB)
1	0.694	40.88	46.00	-5.12
2	0.347	43.29	49.04	-5.75
3	0.521	36.72	46.00	-9.28
4	0.634	28.64	46.00	-17.36
5	0.510	25.57	46.00	-20.43
6	0.577	23.45	46.00	-22.55
7	0.415	24.90	47.55	-22.65
8	0.426	24.40	47.33	-22.93
9	0.457	23.72	46.76	-23.03
10	0.445	23.93	46.98	-23.04
11	0.440	23.99	47.06	-23.07
12	0.474	23.29	46.45	-23.16
13	0.461	23.50	46.67	-23.16
14	0.481	23.14	46.32	-23.18
15	0.595	22.77	46.00	-23.23
16	0.404	24.52	47.77	-23.24
17	0.601	22.69	46.00	-23.31
18	0.792	22.56	46.00	-23.44
19	0.624	22.53	46.00	-23.47
20	0.608	22.53	46.00	-23.47
21	0.779	22.46	46.00	-23.54
22	0.771	22.46	46.00	-23.54
23	0.614	22.44	46.00	-23.56
24	0.755	22.38	46.00	-23.62
25	0.389	24.39	48.08	-23.68
26	0.393	24.26	47.99	-23.73
27	0.655	22.21	46.00	-23.79
28	0.377	24.52	48.34	-23.82
29	0.383	24.26	48.21	-23.95
30	0.739	21.85	46.00	-24.15
31	0.728	21.72	46.00	-24.28
32	0.672	21.71	46.00	-24.29
33	0.720	21.58	46.00	-24.42
34	0.324	24.31	49.62	-25.31
35	0.320	24.38	49.71	-25.33
36	0.365	23.18	48.61	-25.43
37	0.310	24.44	49.97	-25.53
38	0.313	24.25	49.88	-25.63
39	0.300	24.31	50.23	-25.93
40	0.293	24.38	50.45	-26.08
41	0.290	24.43	50.54	-26.10
42	0.304	24.04	50.14	-26.11

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

6/12/2007 9:56:27



FCC Conducted Emissions
Denon Brand Company
RF Remote Receiver
Model: RC-7001RCI - Tx Mode
WhiteLead LI-215 12090 9-13-06
FCC Class B - White Lead

FCC - Class B - Quasi-peak
FCC - Class B - Average



COMPATIBLE
ELECTRONICS



**COMPATIBLE
ELECTRONICS**

Denon Brand Company
RF Remote Receiver
Model: RC-7001RCI - Tx Mode
FCC Class B - White Lead
TEST ENGINEER : Kyle Fujimoto

49 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	limit(dB)	Delta(dB)
1	0.698	44.75	46.00	-1.25*
2	0.348	46.60	49.00	-2.39*
3	0.524	43.13	46.00	-2.87*
4	1.191	42.68	46.00	-3.32
5	0.872	40.37	46.00	-5.63
6	1.049	38.79	46.00	-7.21
7	0.826	37.77	46.00	-8.23
8	0.637	37.15	46.00	-8.85*
9	0.555	36.54	46.00	-9.46*
10	1.021	36.19	46.00	-9.81
11	0.771	36.06	46.00	-9.94*
12	0.497	35.93	46.05	-10.12*
13	0.648	35.85	46.00	-10.15*
14	0.428	37.02	47.28	-10.27*
15	4.928	35.73	46.00	-10.27
16	1.992	35.62	46.00	-10.38
17	0.974	35.59	46.00	-10.41
18	0.413	37.12	47.59	-10.48*
19	1.338	35.47	46.00	-10.53
20	3.781	35.39	46.00	-10.61
21	1.382	35.36	46.00	-10.64
22	1.480	35.36	46.00	-10.64
23	2.796	35.35	46.00	-10.65
24	3.529	35.28	46.00	-10.72
25	0.792	35.27	46.00	-10.73*
26	2.916	35.25	46.00	-10.75
27	0.605	35.24	46.00	-10.76*
28	3.226	35.16	46.00	-10.84
29	1.412	35.16	46.00	-10.84
30	0.464	35.72	46.62	-10.90*
31	3.124	35.06	46.00	-10.94
32	1.663	35.04	46.00	-10.96
33	4.432	35.01	46.00	-10.99
34	0.895	34.98	46.00	-11.02
35	2.979	34.96	46.00	-11.04
36	1.577	34.95	46.00	-11.05
37	2.501	34.94	46.00	-11.06
38	0.447	35.82	46.93	-11.11*
39	1.083	34.88	46.00	-11.12
40	3.722	34.88	46.00	-11.12
41	3.294	34.87	46.00	-11.13
42	2.322	34.83	46.00	-11.17
43	2.089	34.82	46.00	-11.18
44	1.699	34.74	46.00	-11.26
45	2.034	34.72	46.00	-11.28
46	3.882	34.69	46.00	-11.31
47	4.722	34.62	46.00	-11.38
48	4.316	34.60	46.00	-11.40
49	3.945	34.59	46.00	-11.41

*Please See the Average Readings on the Next Page and on the Plot



**COMPATIBLE
ELECTRONICS**

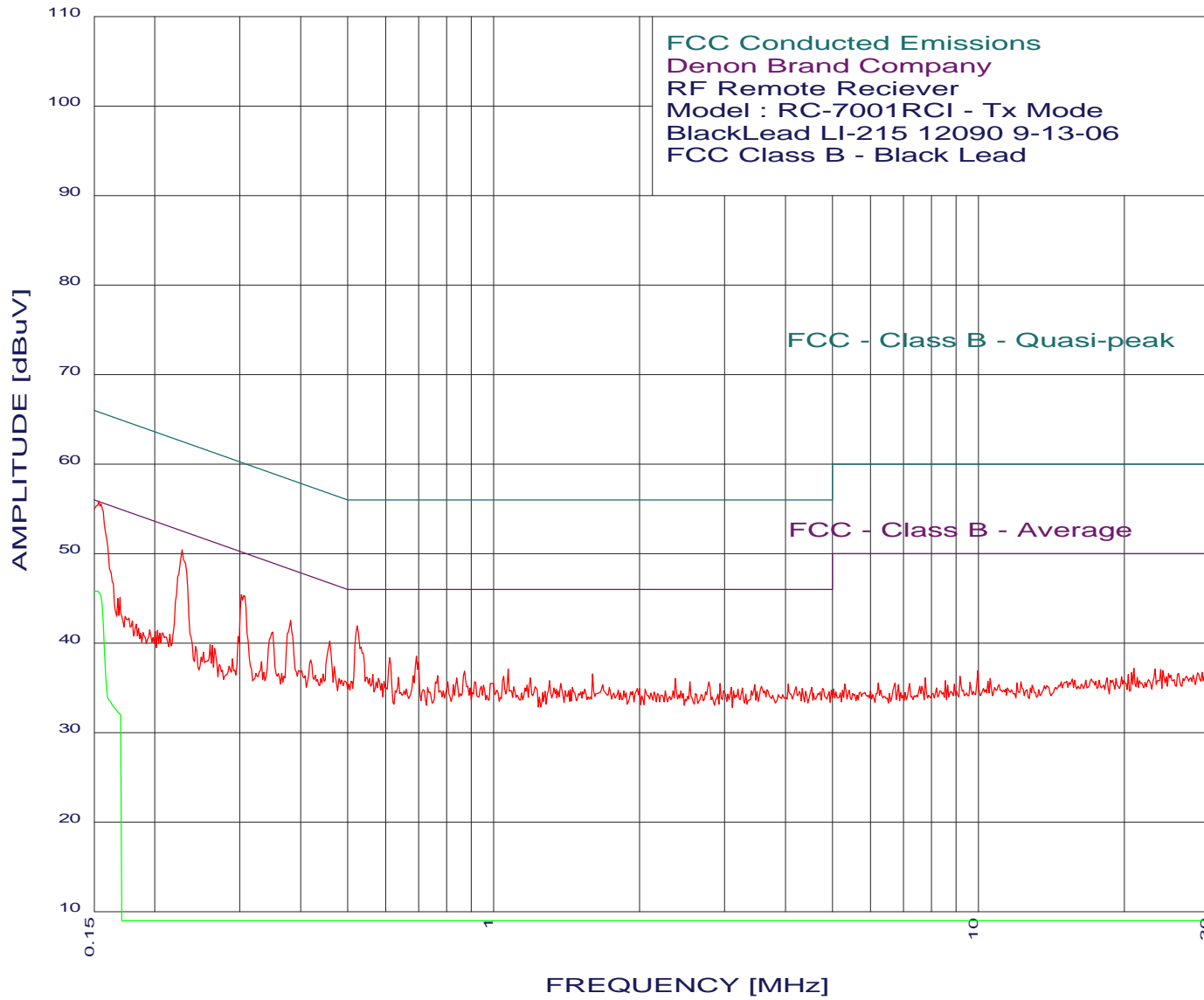
Denon Brand Company
RF Remote Receiver
Model: RC-7001RCI - Tx Mode
FCC Class B - White Lead
TEST ENGINEER : Kyle Fujimoto

45 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	limit(dB)	Delta(dB)
1	0.694	41.27	46.00	-4.73
2	0.347	43.11	49.04	-5.93
3	0.521	36.53	46.00	-9.47
4	0.634	28.35	46.00	-17.65
5	0.510	25.39	46.00	-20.61
6	0.497	23.51	46.05	-22.54
7	0.570	23.45	46.00	-22.55
8	0.415	24.84	47.55	-22.71
9	0.419	24.65	47.46	-22.81
10	0.424	24.33	47.37	-23.05
11	0.404	24.64	47.77	-23.12
12	0.466	23.43	46.58	-23.14
13	0.452	23.65	46.85	-23.19
14	0.442	23.79	47.02	-23.23
15	0.476	23.14	46.40	-23.27
16	0.457	23.43	46.76	-23.32
17	0.409	24.32	47.68	-23.35
18	0.589	22.61	46.00	-23.39
19	0.605	22.53	46.00	-23.47
20	0.595	22.53	46.00	-23.47
21	0.801	22.47	46.00	-23.53
22	0.391	24.45	48.03	-23.58
23	0.792	22.39	46.00	-23.61
24	0.396	24.32	47.95	-23.62
25	0.611	22.36	46.00	-23.64
26	0.379	24.64	48.29	-23.65
27	0.387	24.45	48.12	-23.67
28	0.775	22.30	46.00	-23.70
29	0.739	22.30	46.00	-23.70
30	0.665	22.29	46.00	-23.71
31	0.655	22.29	46.00	-23.71
32	0.767	22.22	46.00	-23.78
33	0.759	22.22	46.00	-23.78
34	0.747	22.22	46.00	-23.78
35	0.720	22.22	46.00	-23.78
36	0.383	24.39	48.21	-23.82
37	0.373	24.19	48.43	-24.24
38	0.676	21.71	46.00	-24.29
39	0.360	24.07	48.73	-24.67
40	0.324	24.51	49.62	-25.11
41	0.320	24.51	49.71	-25.20
42	0.310	24.76	49.97	-25.21
43	0.329	24.25	49.48	-25.23
44	0.302	24.57	50.19	-25.62
45	0.293	24.63	50.45	-25.83

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

6/12/2007 13:40:57



FCC Conducted Emissions
Denon Brand Company
RF Remote Receiver
Model : RC-7001RCI - Tx Mode
BlackLead LI-215 12090 9-13-06
FCC Class B - Black Lead

FCC - Class B - Quasi-peak

FCC - Class B - Average





Denon Brand Company
RF Remote Receiver
Model : RC-7001RCI
FCC Class B - Black Lead
TEST ENGINEER : Kyle Fujimoto

49 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak
Peak# Freq(MHz) Amp(dBuV) Limit(dB) Delta(dB)

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.228	50.38	52.52	-2.14*
2	0.524	41.93	46.00	-4.07
3	0.302	45.40	50.19	-4.79
4	0.381	42.51	48.25	-5.74
5	0.459	40.22	46.71	-6.49
6	0.694	38.55	46.00	-7.45
7	0.611	38.34	46.00	-7.66
8	0.350	41.21	48.95	-7.75
9	1.072	37.08	46.00	-8.92
10	0.872	36.87	46.00	-9.13
11	0.469	37.32	46.53	-9.21
12	0.419	38.12	47.46	-9.34
13	1.603	36.55	46.00	-9.45
14	0.564	36.44	46.00	-9.56
15	0.767	36.36	46.00	-9.64
16	1.049	36.29	46.00	-9.71
17	0.637	36.15	46.00	-9.85
18	0.170	45.07	54.98	-9.92
19	1.191	36.08	46.00	-9.92
20	0.839	36.07	46.00	-9.93
21	0.580	36.04	46.00	-9.96
22	2.371	36.03	46.00	-9.97
23	0.168	44.97	55.07	-10.10
24	1.304	35.77	46.00	-10.23
25	0.481	36.03	46.32	-10.29
26	0.914	35.68	46.00	-10.32
27	0.805	35.67	46.00	-10.33
28	2.781	35.65	46.00	-10.35
29	2.540	35.64	46.00	-10.36
30	1.000	35.49	46.00	-10.51
31	1.374	35.46	46.00	-10.54
32	2.932	35.45	46.00	-10.55
33	4.050	35.40	46.00	-10.60
34	3.456	35.37	46.00	-10.63
35	0.826	35.37	46.00	-10.63
36	1.680	35.34	46.00	-10.66
37	0.953	35.28	46.00	-10.72
38	1.172	35.28	46.00	-10.72
39	3.565	35.18	46.00	-10.82
40	4.204	35.10	46.00	-10.90
41	1.100	35.08	46.00	-10.92
42	3.091	35.06	46.00	-10.94
43	1.456	35.06	46.00	-10.94
44	0.731	35.06	46.00	-10.94
45	4.528	35.01	46.00	-10.99
46	1.331	34.97	46.00	-11.03
47	3.260	34.97	46.00	-11.03
48	4.774	34.92	46.00	-11.08
49	1.981	34.92	46.00	-11.08

*Please See the Average Readings on the Next Page and on the Plot



**COMPATIBLE
ELECTRONICS**

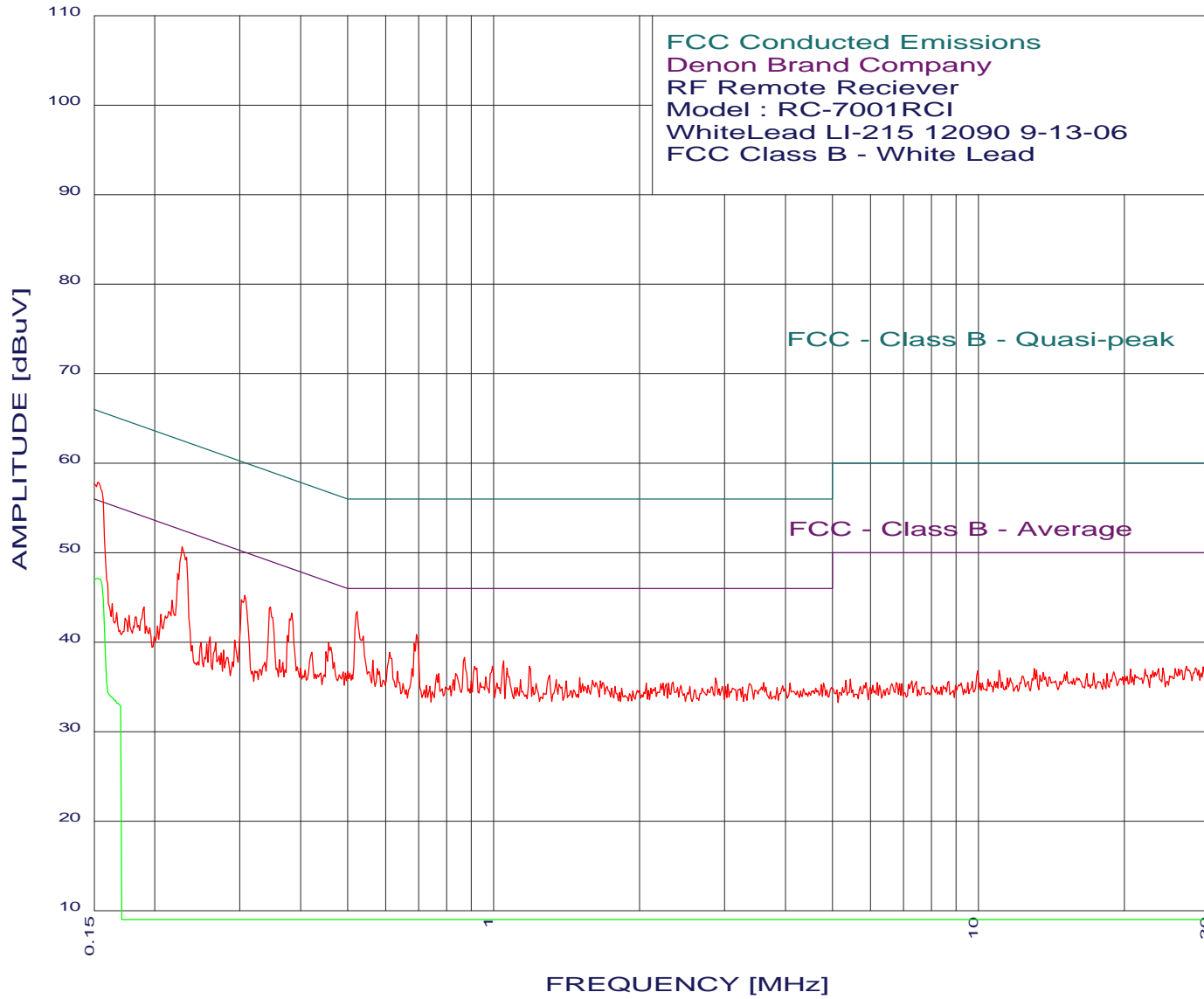
6/12/2007 13:40:57

Denon Brand Company
RF Remote Receiver
Model : RC-7001RCI
FCC Class B - Black Lead
TEST ENGINEER : Kyle Fujimoto

1 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 0.00 dB, Curve : Average
Peak# Freq(MHz) Amp(dBuV) limit(dB) Delta(dB)
1 0.152 45.80 55.91 -10.11

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

6/12/2007 13:50:08



COMPATIBLE
ELECTRONICS



Denon Brand Company
RF Remote Receiver
Model : RC-7001RCI
FCC Class B - White Lead
TEST ENGINEER : Kyle Fujimoto

49 highest peaks above -50.00 dB of FCC - Class B - Average limit line

Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.228	50.68	52.52	-1.84*
2	0.524	43.43	46.00	-2.57
3	0.307	45.20	50.05	-4.86
4	0.383	43.21	48.21	-5.00
5	0.347	43.90	49.04	-5.14
6	0.694	40.85	46.00	-5.15
7	0.457	39.92	46.76	-6.83
8	0.611	38.84	46.00	-7.16
9	0.872	38.27	46.00	-7.73
10	0.452	38.92	46.85	-7.92
11	0.564	37.94	46.00	-8.06
12	1.049	37.89	46.00	-8.11
13	0.217	44.68	52.91	-8.23
14	0.421	38.82	47.42	-8.60
15	0.995	37.29	46.00	-8.71
16	0.914	37.28	46.00	-8.72
17	1.184	37.28	46.00	-8.72
18	1.066	37.09	46.00	-8.91
19	0.577	37.04	46.00	-8.96
20	0.634	36.75	46.00	-9.25
21	0.835	36.47	46.00	-9.53
22	0.771	36.46	46.00	-9.54
23	0.489	36.63	46.18	-9.56
24	1.304	36.27	46.00	-9.73
25	0.963	36.09	46.00	-9.91
26	1.504	36.05	46.00	-9.95
27	2.870	35.95	46.00	-10.05
28	0.190	43.88	54.01	-10.14
29	1.136	35.78	46.00	-10.22
30	0.826	35.77	46.00	-10.23
31	1.345	35.77	46.00	-10.23
32	1.603	35.75	46.00	-10.25
33	0.293	40.20	50.45	-10.26
34	0.206	43.08	53.35	-10.27
35	0.899	35.68	46.00	-10.32
36	1.412	35.66	46.00	-10.34
37	1.663	35.64	46.00	-10.36
38	2.346	35.53	46.00	-10.47
39	3.605	35.48	46.00	-10.52
40	2.298	35.43	46.00	-10.57
41	2.238	35.43	46.00	-10.57
42	4.799	35.42	46.00	-10.58
43	2.066	35.42	46.00	-10.58
44	4.092	35.40	46.00	-10.60
45	1.016	35.39	46.00	-10.61
46	1.223	35.37	46.00	-10.63
47	3.365	35.37	46.00	-10.63
48	0.651	35.35	46.00	-10.65
49	2.274	35.33	46.00	-10.67

*Please See the Average Readings on the Next Page and on the Plot

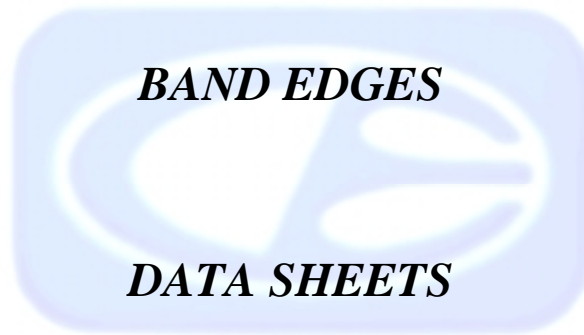


Denon Brand Company
RF Remote Receiver
Model : RC-7001RCI
FCC Class B - White Lead
TEST ENGINEER : Kyle Fujimoto

3 highest peaks above -50.00 dB of FCC - Class B - Average limit line

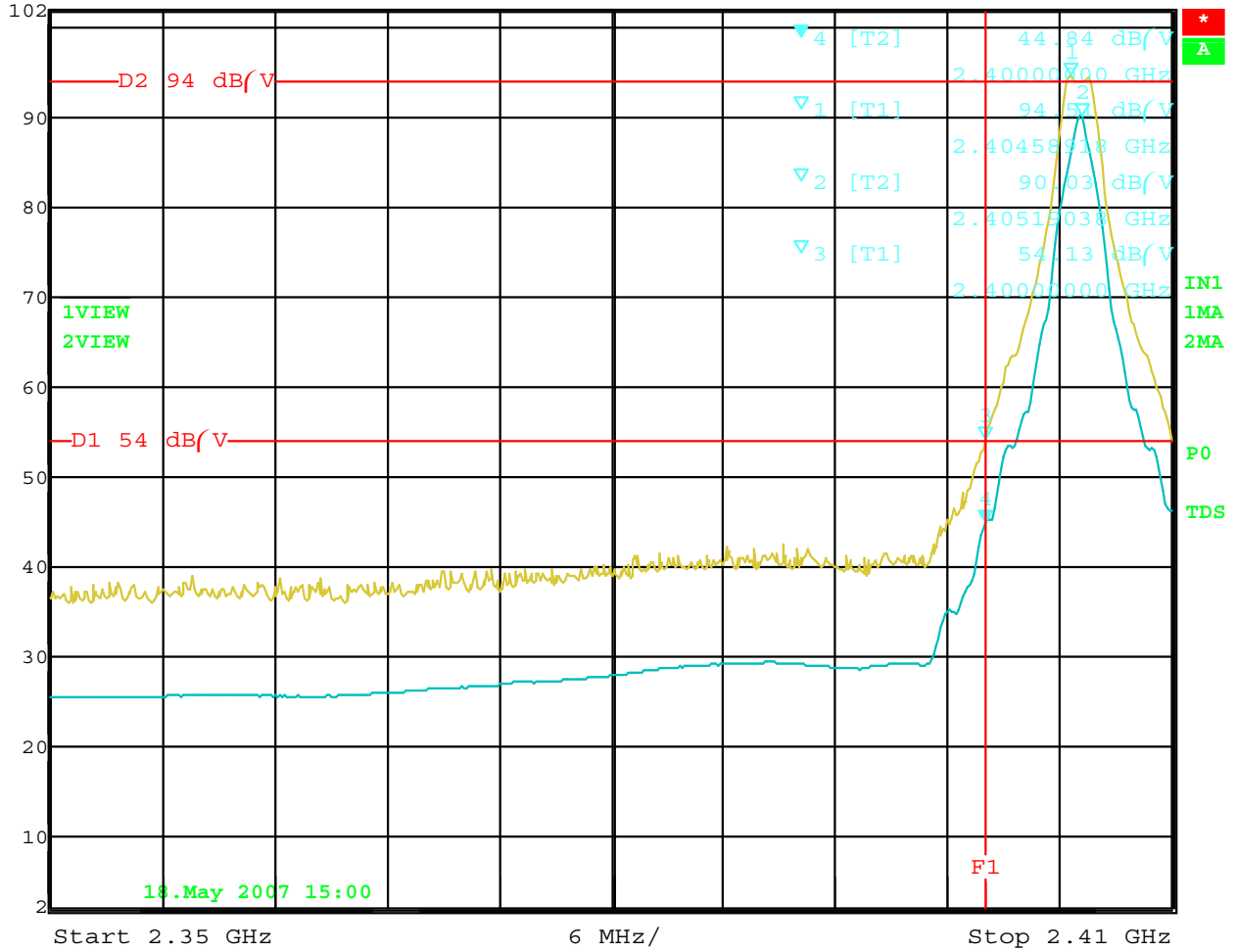
Peak criteria : 0.00 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.154	47.02	55.78	-8.75
2	0.152	47.07	55.86	-8.79
3	0.166	33.47	55.16	-21.69





Ref Lvl 102 dB/V
Marker 4 [T2] 44.84 dB/V
RBW 1 MHz RF Att 10 dB
VBW 10 Hz
SWT 15 s Unit dB/V

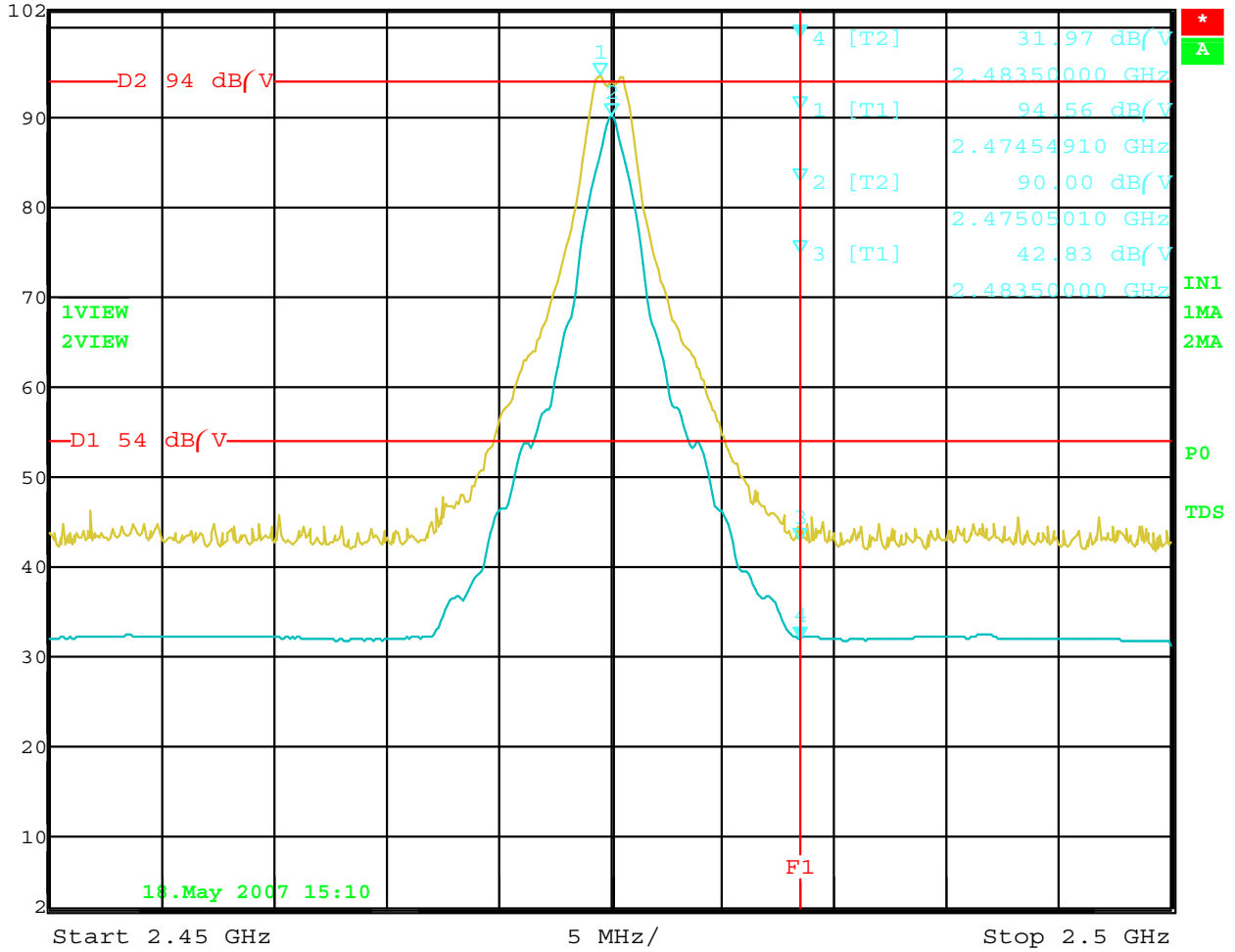


Date: 18.MAY.2007 15:00:38

Band Edge Low Channel – Horizontal Polarization (Worst Case) – Y-Axis (Worst Case)



Ref Lvl 102 dB/V
Marker 4 [T2] 31.97 dB/V
2.48350000 GHz
RBW 1 MHz RF Att 20 dB
VBW 10 Hz
SWT 12.5 s Unit dB/V



Date: 18.MAY.2007 15:10:33

Band Edge High Channel – Horizontal Polarization (Worst Case) – Y-Axis (Worst Case)