

FCC PART 15, SUBPART B and C
TEST REPORT

for

BLUETOOTH REMOTE CONTROL

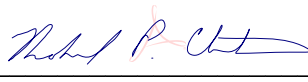
MODEL: VP6600R

Prepared for

INTERLINK ELECTRONICS, INC.
546 FLYNN ROAD
CAMARILLO, CALIFORNIA 93012

Prepared by: 

KYLE FUJIMOTO

Approved by: 

MICHAEL CHRISTENSEN

COMPATIBLE ELECTRONICS INC.
114 OLINDA DRIVE
BREA, CALIFORNIA 92823
(714) 579-0500

DATE: AUGUST 18, 2006

	REPORT BODY	APPENDICES					TOTAL
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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 or any other agency of the U.S. Government.

Device Tested: Bluetooth Remote Control
Model: VP6600R
S/N: N/A

Product Description: See Expository Statement.

Modifications: The EUT was not modified during the testing.

Manufacturer: Interlink Electronics, Inc.
546 Flynn Road
Camarillo, California 93012

Test Dates: August 10, 11, 15, and 17, 2006

Test Specifications: EMI requirements
CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209, and 15.247

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 the limits of CFR Title 47, Part 15, Subpart C, section 15.207
2	Spurious Radiated RF Emissions, 30 MHz – 1000 MHz	Complies with the Class B limits of CFR Title 47, Part 15 Subpart B; and the limits of CFR Title 47, Part 15, Subpart C, section 15.209
3	Spurious Radiated RF Emissions, 10 kHz – 30 MHz and 1000 MHz – 25000 MHz	Complies with the Class B limits of CFR Title 47, Part 15, Subpart B; and CFR Title 47, Part 15, Subpart C, section 15.247(d)
4	Fundamental and Emissions produced by the intentional radiator in non-restricted bands, 10 kHz – 25 GHz	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247(d)
5	Emissions produced by the intentional radiator in restricted bands, 10 kHz – 25 GHz	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209, and section 15.247 (d)
6	20 dB Bandwidth	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (a)(1) and (a)(1)(iii)
7	Peak Power Output	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (b)(2)
8	RF Conducted Antenna Test	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (d)
9	Carrier Frequency Separation	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247 (a)(1) and 15.247 (a)(1)(iii)
10	Average Time of Occupancy	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247 (a)(1)(iii)
11	Peak Power Spectral Density from the Intentional Radiator to the Antenna	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247 (f)

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the Bluetooth Remote Control Model: VP6600R. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4: 2003. 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; and Subpart C, sections 15.205, 15.207, 15.209, and 15.247.

Note: For the unintentional radiator portion of the test, the EUT was within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B.

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

Interlink Electronics, Inc.

Daniel Grieder MTS

Compatible Electronics, Inc.

Kyle Fujimoto Test Engineer

Michael Christensen Lab Manager

2.4 Date Test Sample was Received

The test sample was received on August 10, 2006.

2.5 Disposition of the Test Sample

The sample has not yet been returned to Interlink Electronics, Inc. as of August 18, 2006.

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
N/A	Not Applicable

3. APPLICABLE DOCUMENTS

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

SPEC	TITLE
FCC Title 47, Part 15 Subpart C	FCC Rules - Radio frequency devices (including digital devices) – Intentional Radiators
ANSI C63.4 2003	Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz
FCC Title 47, Part 15 Subpart B	FCC Rules - Radio frequency devices (including digital devices) – Unintentional Radiators

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

The Bluetooth Remote Control Model: VP6600R (EUT) was tested as a stand alone unit and tested in three orthogonal axis.

Operation of the EUT during the testing

For the intentional radiator portion of the test: The EUT used a program that locked one channel at a time so that the low, middle, and high channels could be tested. This allowed the EUT to be in a no hopping mode. The EUT was tested in three orthogonal axis. The carrier was modulated in the same way it would be when the EUT was in its normal frequency hopping mode.

For the receiver portion of the test: The EUT used a program that locked one channel at a time so that the low, middle, and high channels could be tested. This allowed the EUT to receive at the same frequency on a continuous basis. The EUT was tested in three orthogonal axis.

For the unintentional radiator of the test: The EUT used a program that allowed the EUT to function as normal (the channels frequency hopping) on a continuous basis.

For the conducted emission portion of the test: The EUT was directly connected to a charging board PCB, which was connected to an AC Adapter via its power port. The EUT's batteries were being charged via a charging board PCB. In this mode, the EUT is unable to operate and or transmit.

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

4.1.1 Cable Construction and Termination

Cable 1 (Only connected when changing channels, not during the actual test) This is a 30 centimeter unshielded cable connecting the serial PCB to the EUT. The cable is hard wired at each end.

Cable 2 (Only connected when changing channels, not during the actual test) This is a 6 foot braid and foil shielded cable connecting the serial PCB to the laptop. The cable has a D-9 pin metallic connector at each end. The shield of the cable was grounded to the chassis via the connectors. The cable has a molded ferrite at the laptop end.

Cable 3 (Only for conducted emissions only) This is a 6 foot unshielded cable connecting the AC Adapter to a charging board PCB. It has a D-9 pin metallic connector at each end. The shield of the cable was grounded to the chassis via the connectors. The cable has a molded ferrite at the laptop end.

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

EQUIPMENT	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
BLUETOOTH REMOTE CONTROL (EUT)	INTERLINK ELECTRONICS, INC.	BT260146	N/A	IE3VP66XX06
AC ADAPTER FOR THE CHARGING BOARD PCB (for Conducted Emissions Only)	PHIHONG	PSA05R-033	N/A	N/A
SERIAL BOARD PCB	BROADCOM	BCM9RS232-CONV	1087798	N/A
LAPTOP	DELL	PPM	TW-078MEY-12961-0A9-1768	DoC
CHARGING BOARD PCB (for Conducted Emissions Only)	INTERLINK ELECTRONICS, INC.	N/A	N/A	N/A
AC ADAPTER FOR THE SERIAL BOARD PCB	DVE	DSA-0151F-0S A	N/A	N/A
AC ADAPTER FOR THE LAPTOP	DELL	AA20031	CN-09364U-12761-067-3417	N/A

5.2 EMI Test Equipment – Part 1

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
GENERAL TEST EQUIPMENT USED FOR ALL RF EMISSIONS TESTS					
Spectrum Analyzer – Main Section	Hewlett Packard	8566B	3638A08784	May 26, 2006	May 26, 2007
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	3701A22279	May 26 2006	May 26, 2007
Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00424	May 26, 2006	May 26, 2007
Computer	Hewlett Packard	4530	US91912319	N/A	N/A
EMI Receiver	Rohde & Schwarz	ESIB40	100172	October 28, 2004	October 28, 2006
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A
RF RADIATED EMISSIONS TEST EQUIPMENT					
Radiated Emissions Data Capture Program	Compatible Electronics	2.0	N/A	N/A	N/A
Preamplifier	Com Power	PA-102	1017	January 19, 2006	Jan. 19, 2007
Biconical Antenna	Com Power	AB-900	15227	March 9 2006	March 9 2007
Log Periodic Antenna	Com Power	AL-100	16060	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, 2007
Microwave Preamplifier	Com Power	PA-122	181917	January 20, 2006	Jan. 20, 2007
Antenna Mast	Com Power	AM-100	N/A	N/A	N/A
Microwave Preamplifier	Com Power	PA-840	711919	January 20, 2006	Jan. 20, 2007
Horn Antenna	Com-Power	AH826	0071957	December 12, 2005	Dec. 12, 2007

5.3 EMI Test Equipment – Part 2

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
POWER MEASUREMENT TEST EQUIPMENT					
RF Peak Power Meter / Analyzer	Boonton Electronics Corp.	4500A-01-30	1282	May 4, 2006	May 4, 2007
Peak Power Sensor	Boonton Electronics Corp.	57318	3723	May 8, 2006	May 8, 2007
RF CONDUCTED EMISSIONS TEST EQUIPMENT					
Emissions Program	Compatible Electronics	2.3 (SR19)	N/A	N/A	N/A
LISN	Com Power	LI-215	12076	September 1, 2005	Sept. 1, 2006
LISN	Com Power	LI-215	12090	September 1, 2005	Sept. 1, 2006
Transient Limiter	Seaward	252A910	K39-0220	August 17, 2005	Aug. 17, 2006

6. TEST SITE DESCRIPTION

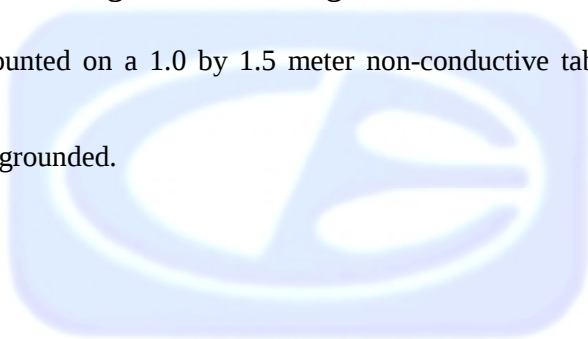
6.1 Test Facility Description

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. CHARACTERISTICS OF THE TRANSMITTER

7.1 Transmitter Power

Transmit power is herein defined as the power delivered to a 50 ohm load at the RF output of the EUT.

Power	Channel
2.33 dBm	LOW
1.99 dBm	MIDDLE
1.52 dBm	HIGH

7.2 Channel Number and Frequencies

There are a total of 79 channels. The low channel is at 2402.0 MHz and the high channel is at 2480.0 MHz. There is a 1 MHz separation between channels.

Channel 1: 2402 MHz
Channel 2: 2403 MHz
(Etc.)

7.3 Antenna Gain

The antenna gain is 2 dBi.

8. TEST PROCEDURES

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

8.1 RF Emissions

8.1.1 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 ANSI C63.4. 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 conducted emissions 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 the limits of CFR Title 47, Part 15, Subpart C, Section 15.207 for conducted emissions.

8.1.2 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-102 was used for frequencies from 30 MHz to 1 GHz, the Com Power Microwave Preamplifier Model: PA-122 was used for frequencies above 1 GHz, and the Com Power Microwave Preamplifier Model: PA-840 was used for frequencies above 18 GHz. The spectrum analyzer was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer records the highest measured reading over all the sweeps.

The quasi-peak adapter was used only for those readings which are marked accordingly on the data sheets.

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 spectrum analyzer to keep the amplitude reading calibrated.

After the readings above 1 GHz were average manually, the reading was further adjusted by a "duty cycle correction factor", derived from $20 \log (\text{dwell time} / 100 \text{ ms})$. Since the duty cycle was below 10%, the maximum allowed 20 dB was subtracted from the peak reading. The duty cycle correction factor is explained in Appendix E.

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

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
10 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

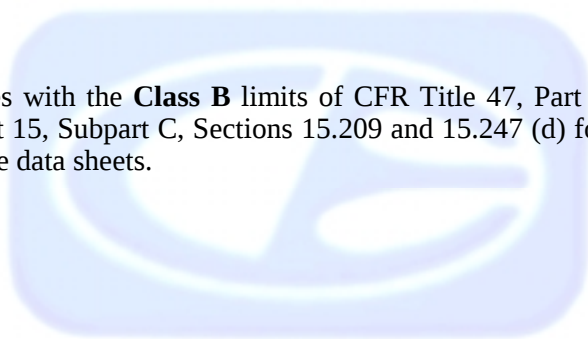
The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. 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 by the Radiated Emission Manual Test software. 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.

Radiated Emissions (Spurious and Harmonics) Test (con't)

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 from 10 kHz to 25 GHz to obtain the final test data.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and the limits of CFR Title 47, Part 15, Subpart C, Sections 15.209 and 15.247 (d) for radiated emissions. Please see Appendix E for the data sheets.



8.3 20 dB Bandwidth

The 20 dB Bandwidth was measured using the EMI Receiver. The bandwidth was measured using a direct connection from the RF output of the EUT. The resolution bandwidth was 30 kHz and the video bandwidth was 100 kHz.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (a)(1) and (a)(1)(iii). The 20 dB bandwidth is less than the separation between channels. Please see the data sheets located in Appendix E.

8.4 Peak Output Power

The Peak Output Power was taken using the power meter and power sensor. The EUT was directly connected to the power sensor, which was directly connected to the power meter. The Peak Output Power was then taken

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (b)(2). The maximum peak output power is less than 1 watt. Please see the data sheets located in Appendix E.

8.5 RF Antenna Conducted Test

The RF antenna conducted test was performed using the EMI Receiver. The RF antenna conducted test measured using a direct connection from the RF out on the EUT into the input of the EMI Receiver. The resolution bandwidth was 100 kHz, and the video bandwidth was 300 kHz. The spans were wide enough to include all the harmonics and emissions that were produced by the intentional radiator.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (d). The RF power that is produced by the intentional radiator is at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of desired power. Please see the radiated emission data sheets located in Appendix E.

8.6 RF Band Edges

The RF band edges were taken at the edges of the ISM spectrum (2400 MHz when the EUT was on the low channel and 2483.5 MHz when the EUT was on the high channel) using the EMI Receiver. A preamplifier was used to boost the signal level, with the plots being taken at a 3 meter test distance. The radiated emissions test procedure as describe in section 8.2 of this test report was used to maximize the emission.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (d). The RF power at the band edges at 2400 MHz and 2483.5 MHz meet the requirements of FCC Title 47, Part 15, Subpart C section 15.247 (d). Please see the data sheets located in Appendix E.

8.7 Carrier Frequency Separation

The Channel Hopping Separation Test was measured using the EMI Receiver. The EUT was operating in its normal operating mode. The resolution bandwidth was 100 kHz, and the video bandwidth 1 MHz. The frequency span was wide enough to include the peaks of two adjacent channels.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (a)(1) and 15.247 (a)(1)(iii). The Channel Hopping Separation is greater than the 20 dB bandwidth. Please see the data sheets located in Appendix D.

8.8 Number of Hopping Frequencies

The Channel Hopping Separation Test was measured using the EMI Receiver. The EUT was operating in its normal operating mode. The resolution bandwidth was 1 MHz, and the video bandwidth was 1 MHz. The frequency span was wide enough to include all of the peaks in the frequency band of operation.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (a)(1) and 15.247 (a)(1)(iii). The number of hopping frequencies is 79. Please see the data sheets located in Appendix E.

8.8 Average Time of Occupancy Test

The Average Time of Occupancy Test was measured using the EMI Receiver. The EUT was operating in normal operating mode. The frequency span was taken to 0 Hz with a sweep time of 5 msec to determine the time for each transmission.

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. This means the time of occupancy of any one channel cannot be greater than 0.4 seconds in a 31.6 second period (0.4 seconds * 79 channels).

The sweep time was then changed to 2 seconds and the number of pulses taken. The number of pulses was then multiplied by 15.8 to determine the number of pulses in a 31.6 second period. The number of pulses in a 31.6 second period was then multiplied by the time for each pulse to determine the average time of occupancy.

Test Results:

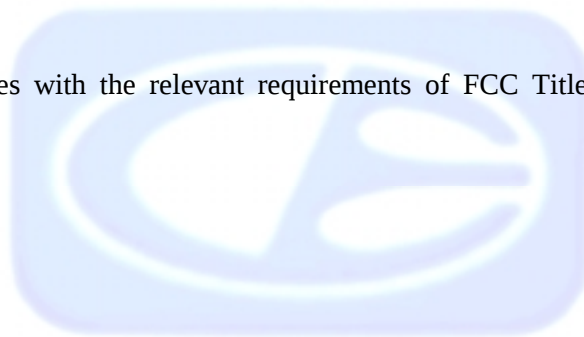
The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (a)(1)(iii). The EUT does not transmit for more than 400 msec in a 31.6 second period on any frequency. Please see the data sheets located in Appendix E.

8.9 Spectral Density Test

The spectrum density output was measured using the EMI Receiver. The spectral density output was measured using a direct connection from the RF out on the EUT into the input of the EMI Receiver. The resolution bandwidth 3 kHz, and the video bandwidth was 10 kHz. The highest 1.5 MHz of the signal was used as the frequency span with the sweep rate being 1 second for every 3 kHz of span.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (f).



9. CONCLUSIONS

The Bluetooth Remote Control Model: VP6600R meets all of the specification limits defined in FCC Title 47, Part 15, Subpart C, sections 15.205, 15.207, 15.209, and 15.247.

Note: For the unintentional radiator portion of the test, the EUT was within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B.



APPENDIX A

LABORATORY RECOGNITIONS

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

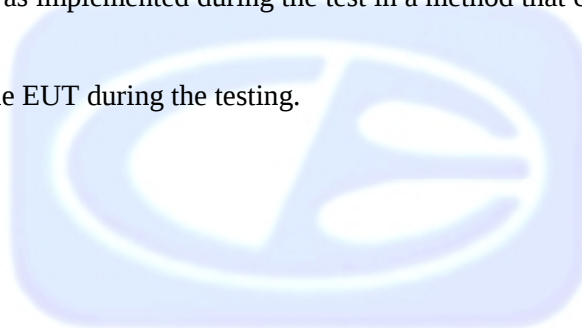
MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC Subpart B and FCC 15.247 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 during the testing.



APPENDIX C

***ADDITIONAL MODELS COVERED
UNDER THIS REPORT***

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Bluetooth Remote Control
Model: VP6600R
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

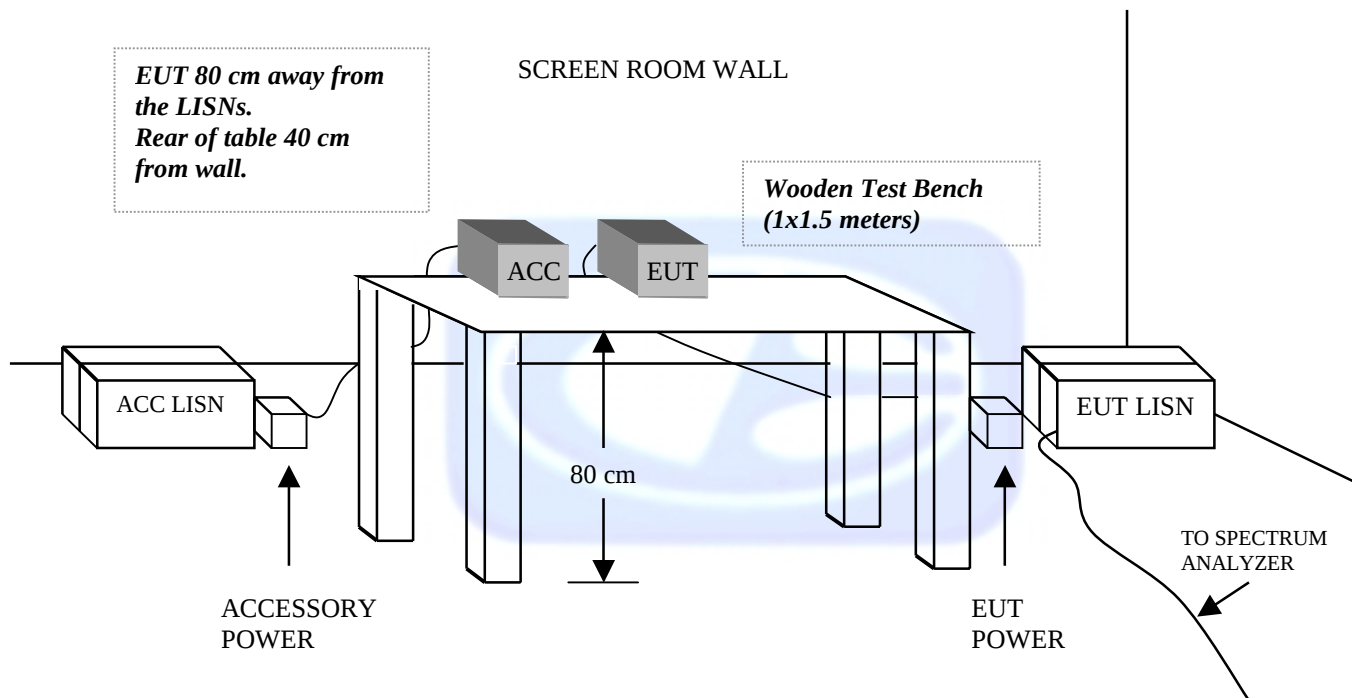
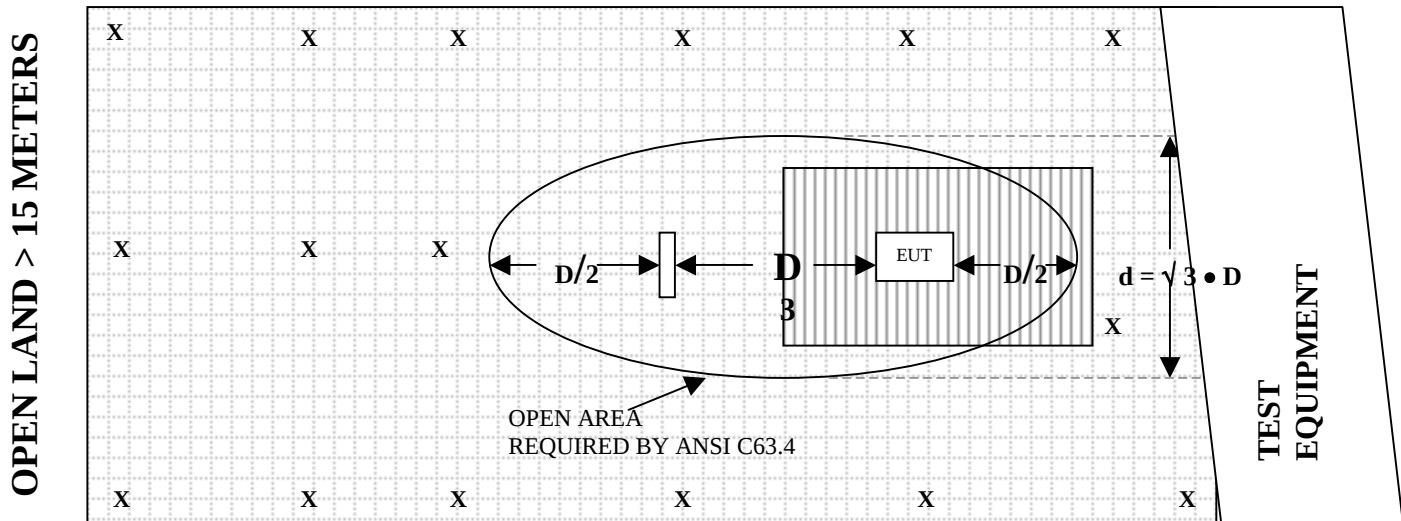


FIGURE 2: PLOT MAP AND LAYOUT OF RADIATED SITE

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: 15227

CALIBRATION DATE: MARCH 9, 2006

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	11.12	120	13.50
35	10.17	125	12.63
40	9.75	140	12.20
45	12.22	150	11.85
50	13.28	160	13.25
60	11.36	175	15.74
70	7.95	180	16.23
80	5.95	200	16.79
90	7.62	250	16.47
100	10.89	300	17.49

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16060

CALIBRATION DATE: JULY 17, 2006

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	13.58	700	20.49
400	14.53	800	20.13
500	15.36	900	22.15
600	18.29	1000	22.76

COM-POWER PA-102**PREAMPLIFIER**

S/N: 1017

CALIBRATION DATE: JANUARY 19, 2006

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	38.3	300	38.4
40	38.4	350	38.4
50	38.3	400	38.0
60	38.4	450	38.1
70	38.5	500	37.5
80	38.4	550	38.0
90	38.4	600	38.0
100	38.4	650	37.7
125	38.1	700	37.7
150	38.5	750	37.7
175	38.4	800	37.0
200	38.3	850	37.2
225	38.3	900	36.6
250	38.1	950	36.3
275	38.3	1000	36.3

COM-POWER PA-122**PREAMPLIFIER****S/N: 181917****CALIBRATION DATE: JANUARY 20, 2006**

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	34.697	10.0	36.558
1.5	33.817	10.5	35.048
2.0	33.587	11.0	33.258
2.5	33.804	11.5	32.960
3.0	33.850	12.0	33.312
3.5	33.943	12.5	33.836
4.0	34.399	13.0	34.178
4.5	34.847	13.5	34.197
5.0	35.172	14.0	33.769
5.5	35.383	14.5	33.392
6.0	35.539	15.0	33.387
6.5	34.802	15.5	34.038
7.0	33.793	16.0	34.884
7.5	33.511	16.5	35.740
8.0	33.910	17.0	35.341
8.5	34.907	17.5	34.729
9.0	36.036	18.0	33.760
9.5	36.661		

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 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

COM-POWER PA-840**MICROWAVE PREAMPLIFIER****S/N: 711919****CALIBRATION DATE: JANUARY 20, 2006**

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	27.932	29.5	27.310
18.5	28.277	30.0	26.860
19.0	28.500	30.5	27.450
19.5	28.397	31.0	27.448
20.0	28.570	31.5	27.868
20.5	28.183	32.0	27.922
21.0	28.007	32.5	27.866
21.5	27.823	33.0	27.314
22.0	27.747	33.5	27.403
22.5	27.290	34.0	26.687
23.0	27.406	34.5	26.390
23.5	26.508	35.0	26.365
24.0	26.657	35.5	26.347
24.5	27.102	36.0	26.138
25.0	27.742	36.5	26.481
25.5	27.646	37.0	26.236
26.0	27.934	37.5	27.029
26.5	27.976	38.0	27.883
27.0	26.984	38.5	29.021
27.5	26.745	39.0	29.408
28.0	27.075	39.5	28.429
28.5	27.015	39.75	27.704
29.0	27.169	40.0	26.441

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



FRONT VIEW

INTERLINK ELECTRONICS, INC.
BLUETOOTH REMOTE CONTROL
MODEL: VP6600R
FCC SUBPART B AND C – RADIATED EMISSIONS

**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

INTERLINK ELECTRONICS, INC.
BLUETOOTH REMOTE CONTROL
MODEL: VP6600R
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BLUETOOTH REMOTE CONTROL
MODEL: VP6600R
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BLUETOOTH REMOTE CONTROL
MODEL: VP6600R
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FRONT VIEW

INTERLINK ELECTRONICS, INC.
BLUETOOTH REMOTE CONTROL
MODEL: VP6600R

FCC SUBPART B AND C – CONDUCTED EMISSIONS

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

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REAR VIEW

INTERLINK ELECTRONICS, INC.
BLUETOOTH REMOTE CONTROL
MODEL: VP6600R
FCC SUBPART B AND C – CONDUCTED EMISSIONS

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

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	55.98	V	74	-18.02	Peak	1.25	270	
4804	35.98	V	54	-18.02	Avg	1.25	270	
7206	51.9	V	74	-22.1	Peak	2	90	
7206	31.9	V	54	-22.1	Avg	2	90	
9608	61.33	V	--	--	Peak	1.35	270	Not in Restricted Band
9608	41.33	V	--	--	Avg	1.35	270	Not in Restricted Band
12010	53.42	V	74	-20.58	Peak	2.93	135	
12010	33.42	V	54	-20.58	Avg	2.93	135	
14412	56.95	V	74	-17.05	Peak	2.36	180	
14412	36.95	V	54	-17.05	Avg	2.36	180	
16814		V	74	-74	Peak			No Emission
16814		V	54	-54	Avg			Detected
19216		V	--	--	Peak			No Emission
19216		V	--	--	Avg			Detected
21618		V	--	--	Peak			No Emission
21618		V	--	--	Avg			Detected
24020		V	--	--	Peak			No Emission
24020		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	56.04	H	74	-17.96	Peak	3.74	135	
4804	36.04	H	54	-17.96	Avg	3.74	135	
7206	56.51	H	74	-17.49	Peak	2.91	135	
7206	36.51	H	54	-17.49	Avg	2.91	135	
9608	62.22	H	74	-11.78	Peak	3.48	135	Not in Restricted Band
9608	42.22	H	54	-11.78	Avg	3.48	135	Not in Restricted Band
12010	54.55	H	74	-19.45	Peak	2.62	135	
12010	34.55	H	54	-19.45	Avg	2.62	135	
14412	59.4	H	74	-14.6	Peak	2.62	135	
14412	39.4	H	54	-14.6	Avg	2.62	135	
16814		H	74	-74	Peak			No Emission
16814		H	54	-54	Avg			Detected
19216		H	--	--	Peak			No Emission
19216		H	--	--	Avg			Detected
21618		H	--	--	Peak			No Emission
21618		H	--	--	Avg			Detected
24020		H	--	--	Peak			No Emission
24020		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	57.33	V	74	-16.67	Peak	3.03	135	
4804	37.33	V	54	-16.67	Avg	3.03	135	
7206	50.57	V	74	-23.43	Peak	3.03	225	
7206	30.57	V	54	-23.43	Avg	3.03	225	
9608	60.11	V	74	-13.89	Peak	2.84	135	Not in Restricted Band
9608	40.11	V	54	-13.89	Avg	2.84	135	Not in Restricted Band
12010	56.68	V	74	-17.32	Peak	2.66	135	
12010	36.68	V	54	-17.32	Avg	2.66	135	
14412	58.61	V	74	-15.39	Peak	2.36	135	
14412	38.61	V	54	-15.39	Avg	2.36	135	
16814		V	74	-74	Peak			No Emission
16814		V	54	-54	Avg			Detected
19216		V	--	--	Peak			No Emission
19216		V	--	--	Avg			Detected
21618		V	--	--	Peak			No Emission
21618		V	--	--	Avg			Detected
24020		V	--	--	Peak			No Emission
24020		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	57.86	H	74	-16.14	Peak	2.85	135	
4804	37.86	H	54	-16.14	Avg	2.85	135	
7206	53.13	H	74	-20.87	Peak	3.59	135	
7206	33.13	H	54	-20.87	Avg	3.59	135	
9608	58.96	H	74	-15.04	Peak	2.86	135	Not in Restricted Band
9608	38.96	H	54	-15.04	Avg	2.86	135	Not in Restricted Band
12010	55.14	H	74	-18.86	Peak	3.11	0	
12010	35.14	H	54	-18.86	Avg	3.11	0	
14412	58.56	H	74	-15.44	Peak	3.12	135	
14412	38.56	H	54	-15.44	Avg	3.12	135	
16814		H	74	-74	Peak			No Emission
16814		H	54	-54	Avg			Detected
19216		H	--	--	Peak			No Emission
19216		H	--	--	Avg			Detected
21618		H	--	--	Peak			No Emission
21618		H	--	--	Avg			Detected
24020		H	--	--	Peak			No Emission
24020		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	56.7	V	74	-17.3	Peak	4	90	
4804	36.7	V	54	-17.3	Avg	4	90	
7206	35.78	V	74	-38.22	Peak	2.65	135	
7206	15.78	V	54	-38.22	Avg	2.65	135	
9608	59.5	V	74	-14.5	Peak	2.65	135	Not in Restricted Band
9608	39.5	V	54	-14.5	Avg	2.65	135	Not in Restricted Band
12010	53.02	V	74	-20.98	Peak	3.45	135	
12010	33.02	V	54	-20.98	Avg	3.45	135	
14412	56.74	V	74	-17.26	Peak	2.59	135	
14412	36.74	V	54	-17.26	Avg	2.59	135	
16814		V	74	-74	Peak			No Emission
16814		V	54	-54	Avg			Detected
19216		V	--	--	Peak			No Emission
19216		V	--	--	Avg			Detected
21618		V	--	--	Peak			No Emission
21618		V	--	--	Avg			Detected
24020		V	--	--	Peak			No Emission
24020		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06
 Lab: B
 Tested By: Kyle Fujimoto

Low Channel - 2402 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4804	56.9	H	74	-17.1	Peak	2.18	135	
4804	36.9	H	54	-17.1	Avg	2.18	135	
7206	50.08	H	74	-23.92	Peak	3.25	180	
7206	30.08	H	54	-23.92	Avg	3.25	180	
9608	59.07	H	74	-14.93	Peak	3.03	0	Not in Restricted Band
9608	39.07	H	54	-14.93	Avg	3.03	0	Not in Restricted Band
12010	53.32	H	74	-20.68	Peak	2.65	135	
12010	33.32	H	54	-20.68	Avg	2.65	135	
14412	59.09	H	74	-14.91	Peak	2.51	135	
14412	39.09	H	54	-14.91	Avg	2.51	135	
16814	55.01	H	74	-18.99	Peak	2.38	135	
16814	35.01	H	54	-18.99	Avg	2.38	135	
19216		H	--	--	Peak			No Emission
19216		H	--	--	Avg			Detected
21618		H	--	--	Peak			No Emission
21618		H	--	--	Avg			Detected
24020		H	--	--	Peak			No Emission
24020		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06
 Lab: B
 Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	54.33	V	74	-19.67	Peak	3.52	135	
4882	34.33	V	54	-19.67	Avg	3.52	135	
7323	48.57	V	74	-25.43	Peak	2.76	135	
7323	28.57	V	54	-25.43	Avg	2.76	135	
9764	59.59	V	74	-14.41	Peak	3.67	135	Not in Restricted Band
9764	39.59	V	54	-14.41	Avg	3.67	135	Not in Restricted Band
12205	53.68	V	74	-20.32	Peak	2.98	135	
12205	33.68	V	54	-20.32	Avg	2.98	135	
14646	55.88	V	74	-18.12	Peak	2.85	135	
14646	35.88	V	54	-18.12	Avg	2.85	135	
17087		V	74	-74	Peak			No Emission
17087		V	54	-54	Avg			Detected
19528		V	--	--	Peak			No Emission
19528		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	51.97	H	74	-22.03	Peak	3.74	135	
4882	31.97	H	54	-22.03	Avg	3.74	135	
7323	53.17	H	74	-20.83	Peak	2.21	135	
7323	33.17	H	54	-20.83	Avg	2.21	135	
9764	56.46	H	74	-17.54	Peak	2.31	135	Not in Restricted Band
9764	36.46	H	54	-17.54	Avg	2.31	135	Not in Restricted Band
12205	54.45	H	74	-19.55	Peak	2.53	135	
12205	34.45	H	54	-19.55	Avg	2.53	135	
14646	59.32	H	74	-14.68	Peak	2.16	153	
14646	39.32	H	54	-14.68	Avg	2.16	135	
17087		H	74	-74	Peak			No Emission
17087		H	54	-54	Avg			Detected
19528		H	--	--	Peak			No Emission
19528		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	54.53	V	74	-19.47	Peak	2.91	135	
4882	34.53	V	54	-19.47	Avg	2.91	135	
7323	50.45	V	74	-23.55	Peak	2.34	225	
7323	30.45	V	54	-23.55	Avg	2.34	225	
9764	59.17	V	74	-14.83	Peak	2.49	225	Not in Restricted Band
9764	39.17	V	54	-14.83	Avg	2.49	225	Not in Restricted Band
12205	54.7	V	74	-19.3	Peak	3.36	135	
12205	34.7	V	54	-19.3	Avg	3.36	135	
14646	58.89	V	74	-15.11	Peak	3.36	45	
14646	38.89	V	54	-15.11	Avg	3.36	45	
17087		V	74	-74	Peak			No Emission
17087		V	54	-54	Avg			Detected
19528		V	--	--	Peak			No Emission
19528		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	52.59	H	74	-21.41	Peak	2.64	90	
4882	32.59	H	54	-21.41	Avg	2.64	90	
7323	52.97	H	74	-21.03	Peak	2.61	135	
7323	32.97	H	54	-21.03	Avg	2.61	135	
9764	56.25	H	74	-17.75	Peak	2.68	135	Not in Restricted Band
9764	36.25	H	54	-17.75	Avg	2.68	135	Not in Restricted Band
12205	53.98	H	74	-20.02	Peak	2.44	180	
12205	33.98	H	54	-20.02	Avg	2.44	180	
14646	58.48	H	74	-15.52	Peak	3.08	90	
14646	38.48	H	54	-15.52	Avg	3.08	90	
17087		H	74	-74	Peak			No Emission
17087		H	54	-54	Avg			Detected
19528		H	--	--	Peak			No Emission
19528		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06
 Lab: B
 Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	54.62	V	74	-19.38	Peak	3.58	135	
4882	34.62	V	54	-19.38	Avg	3.58	135	
7323	52.17	V	74	-21.83	Peak	2.17	135	
7323	32.17	V	54	-21.83	Avg	2.17	135	
9764	57.25	V	74	-16.75	Peak	2.87	180	Not in Restricted Band
9764	37.25	V	54	-16.75	Avg	2.87	180	Not in Restricted Band
12205	54.28	V	74	-19.72	Peak	2.88	135	
12205	34.28	V	54	-19.72	Avg	2.88	135	
14646	59.4	V	74	-14.6	Peak	2.86	225	
14646	39.4	V	54	-14.6	Avg	2.86	225	
17087		V	74	-74	Peak			No Emission
17087		V	54	-54	Avg			Detected
19528		V	--	--	Peak			No Emission
19528		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06
 Lab: B
 Tested By: Kyle Fujimoto

Middle Channel - 2441 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4882	56.04	H	74	-17.96	Peak	3.15	135	
4882	36.04	H	54	-17.96	Avg	3.15	135	
7323	51.89	H	74	-22.11	Peak	2.36	135	
7323	31.89	H	54	-22.11	Avg	2.36	135	
9764	59.71	H	74	-14.29	Peak	2.58	135	Not in Restricted Band
9764	39.71	H	54	-14.29	Avg	2.58	135	Not in Restricted Band
12205	56.41	H	74	-17.59	Peak	2.58	135	
12205	36.41	H	54	-17.59	Avg	2.58	135	
14646	59.55	H	74	-14.45	Peak	2.58	100	
14646	39.55	H	54	-14.45	Avg	2.58	100	
17087		H	74	-74	Peak			No Emission
17087		H	54	-54	Avg			Detected
19528		H	--	--	Peak			No Emission
19528		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

High Channel - 2480 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	53.03	V	74	-20.97	Peak	3.67	135	
4960	33.03	V	54	-20.97	Avg	3.67	135	
7440	52.37	V	74	-21.63	Peak	2.89	135	
7440	32.37	V	54	-21.63	Avg	2.89	135	
9920	57.55	V	74	-16.45	Peak	3.84	135	Not in Restricted Band
9920	37.55	V	54	-16.45	Avg	3.84	135	Not in Restricted Band
12400	53.74	V	74	-20.26	Peak	3.21	135	
12400	33.74	V	54	-20.26	Avg	3.21	135	
14880	55	V	74	-19	Peak	3.32	180	
14880	35	V	54	-19	Avg	3.32	180	
17360		V	74	-74	Peak			No Emission
17360		V	54	-54	Avg			Detected
19840		V	--	--	Peak			No Emission
19840		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

High Channel - 2480 MHz - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	53.58	H	74	-20.42	Peak	3.14	135	
4960	33.58	H	54	-20.42	Avg	3.14	135	
7440	52.79	H	74	-21.21	Peak	2.78	225	
7440	32.79	H	54	-21.21	Avg	2.78	225	
9920	57.62	H	74	-16.38	Peak	3.13	180	Not in Restricted Band
9920	37.62	H	54	-16.38	Avg	3.13	180	Not in Restricted Band
12400	55.23	H	74	-18.77	Peak	3.12	225	
12400	35.23	H	54	-18.77	Avg	3.12	225	
14880	57.57	H	74	-16.43	Peak	3.04	135	
14880	37.57	H	54	-16.43	Avg	3.04	135	
17360		H	74	-74	Peak			No Emission
17360		H	54	-54	Avg			Detected
19840		H	--	--	Peak			No Emission
19840		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	51.68	V	74	-22.32	Peak	3.01	90	
4960	31.68	V	54	-22.32	Avg	3.01	90	
7440	51.46	V	74	-22.54	Peak	2.66	135	
7440	31.46	V	54	-22.54	Avg	2.66	135	
9920	59.94	V	74	-14.06	Peak	3.65	135	Not in Restricted Band
9920	39.94	V	54	-14.06	Avg	3.65	135	Not in Restricted Band
12400	56.89	V	74	-17.11	Peak	2.51	45	
12400	36.89	V	54	-17.11	Avg	2.51	45	
14880	57.55	V	74	-16.45	Peak	2.87	135	
14880	37.55	V	54	-16.45	Avg	2.87	135	
17360		V	74	-74	Peak			No Emission
17360		V	54	-54	Avg			Detected
19840		V	--	--	Peak			No Emission
19840		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	50.84	H	74	-23.16	Peak	2.83	90	
4960	30.84	H	54	-23.16	Avg	2.83	90	
7440	54.19	H	74	-19.81	Peak	2.47	225	
7440	34.19	H	54	-19.81	Avg	2.47	225	
9920	58.61	H	74	-15.39	Peak	2.37	135	Not in Restricted Band
9920	38.61	H	54	-15.39	Avg	2.37	135	Not in Restricted Band
12400	55.36	H	74	-18.64	Peak	3.19	225	
12400	35.36	H	54	-18.64	Avg	3.19	225	
14880	57.13	H	74	-16.87	Peak	3.25	135	
14880	37.13	H	54	-16.87	Avg	3.25	135	
17360		H	74	-74	Peak			No Emission
17360		H	54	-54	Avg			Detected
19840		H	--	--	Peak			No Emission
19840		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06

Lab: B

Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	53.5	V	74	-20.5	Peak	3.56	225	
4960	33.5	V	54	-20.5	Avg	3.56	225	
7440	53.18	V	74	-20.82	Peak	3.32	135	
7440	33.18	V	54	-20.82	Avg	3.32	135	
9920	59.18	V	74	-14.82	Peak	3.21	135	Not in Restricted Band
9920	39.18	V	54	-14.82	Avg	3.21	135	Not in Restricted Band
12400	55.35	V	74	-18.65	Peak	2.68	135	
12400	35.35	V	54	-18.65	Avg	2.68	135	
14880	57.72	V	74	-16.28	Peak	2.35	150	
14880	37.72	V	54	-16.28	Avg	2.35	150	
17360		V	74	-74	Peak			No Emission
17360		V	54	-54	Avg			Detected
19840		V	--	--	Peak			No Emission
19840		V	--	--	Avg			Detected
21969		V	--	--	Peak			No Emission
21969		V	--	--	Avg			Detected
24410		V	--	--	Peak			No Emission
24410		V	--	--	Avg			Detected

FCC 15.247

Interlink Electronics, Inc.
 Bluetooth Remote Control
 Model: VP6600R

Date: 08/10/06
 Lab: B
 Tested By: Kyle Fujimoto

High Channel - 2480 MHz - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4960	51.39	H	74	-22.61	Peak	3.09	225	
4960	31.39	H	54	-22.61	Avg	3.09	225	
7440	43.23	H	74	-30.77	Peak	3.83	135	
7440	23.23	H	54	-30.77	Avg	3.83	135	
9920	57.9	H	74	-16.1	Peak	2.95	180	Not in Restricted Band
9920	37.9	H	54	-16.1	Avg	2.95	180	Not in Restricted Band
12400	56.73	H	74	-17.27	Peak	2.95	225	
12400	36.73	H	54	-17.27	Avg	2.95	225	
14880	58.36	H	74	-15.64	Peak	2.75	135	
14880	38.36	H	54	-15.64	Avg	2.75	135	
17360		H	74	-74	Peak			No Emission
17360		H	54	-54	Avg			Detected
19840		H	--	--	Peak			No Emission
19840		H	--	--	Avg			Detected
21969		H	--	--	Peak			No Emission
21969		H	--	--	Avg			Detected
24410		H	--	--	Peak			No Emission
24410		H	--	--	Avg			Detected

Interlink Electronics, Inc.
Bluetooth Remote Control
Model: VP6600R

Date: 08/10/06
Labs: B and D
Tested By: Kyle Fujimoto

Digital Portion and Non-Harmonic Emissions from the Transmitter Portion

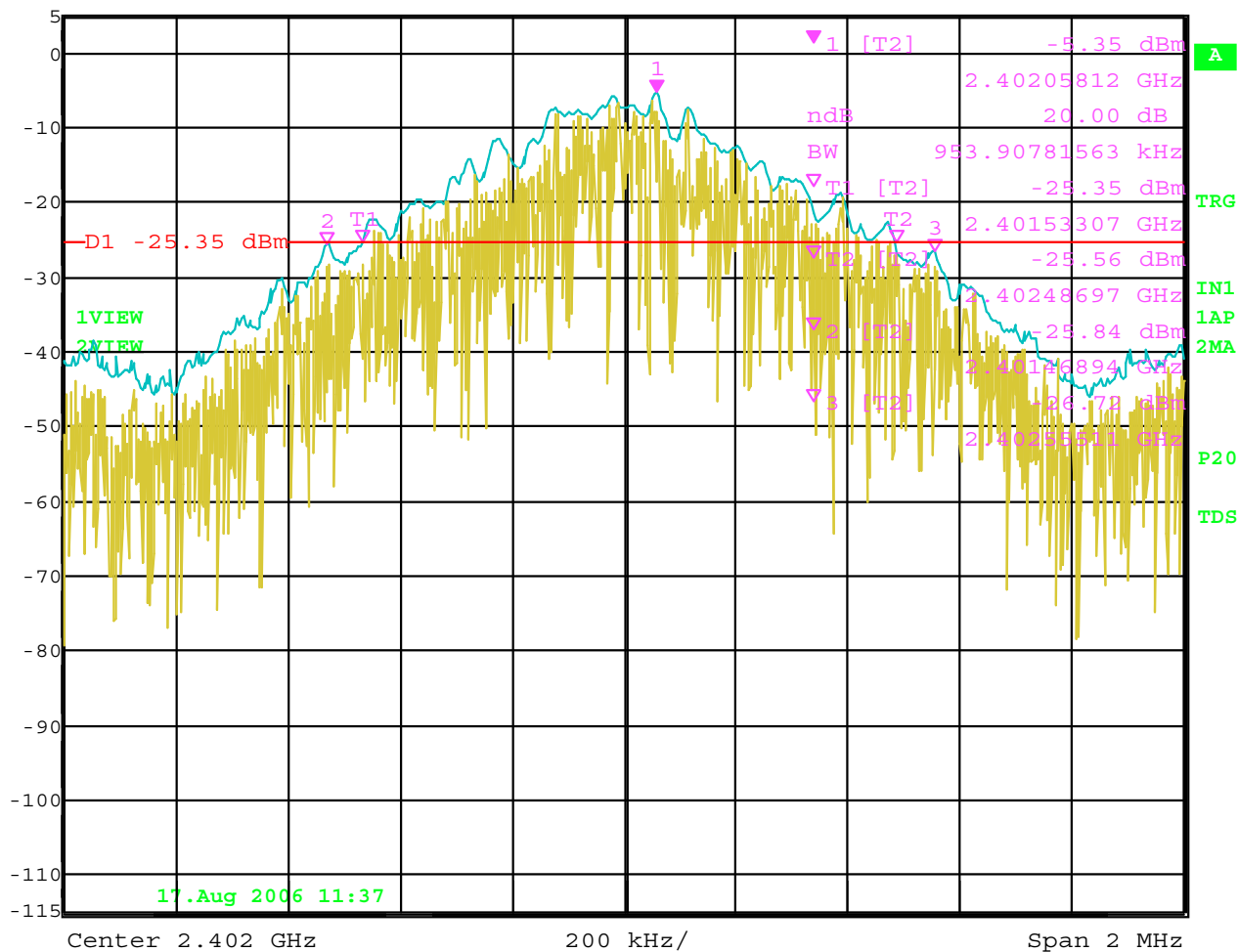
[illegible]

-20 dB BANDWIDTH

DATA SHEETS



Ref Lvl 5 dBm
Marker 1 [T2 ndB] 20.00 dB
BW 953.90781563 kHz
RBW 30 kHz
VBW 100 kHz
SWT 6 ms
RF Att 40 dB
Unit dBm

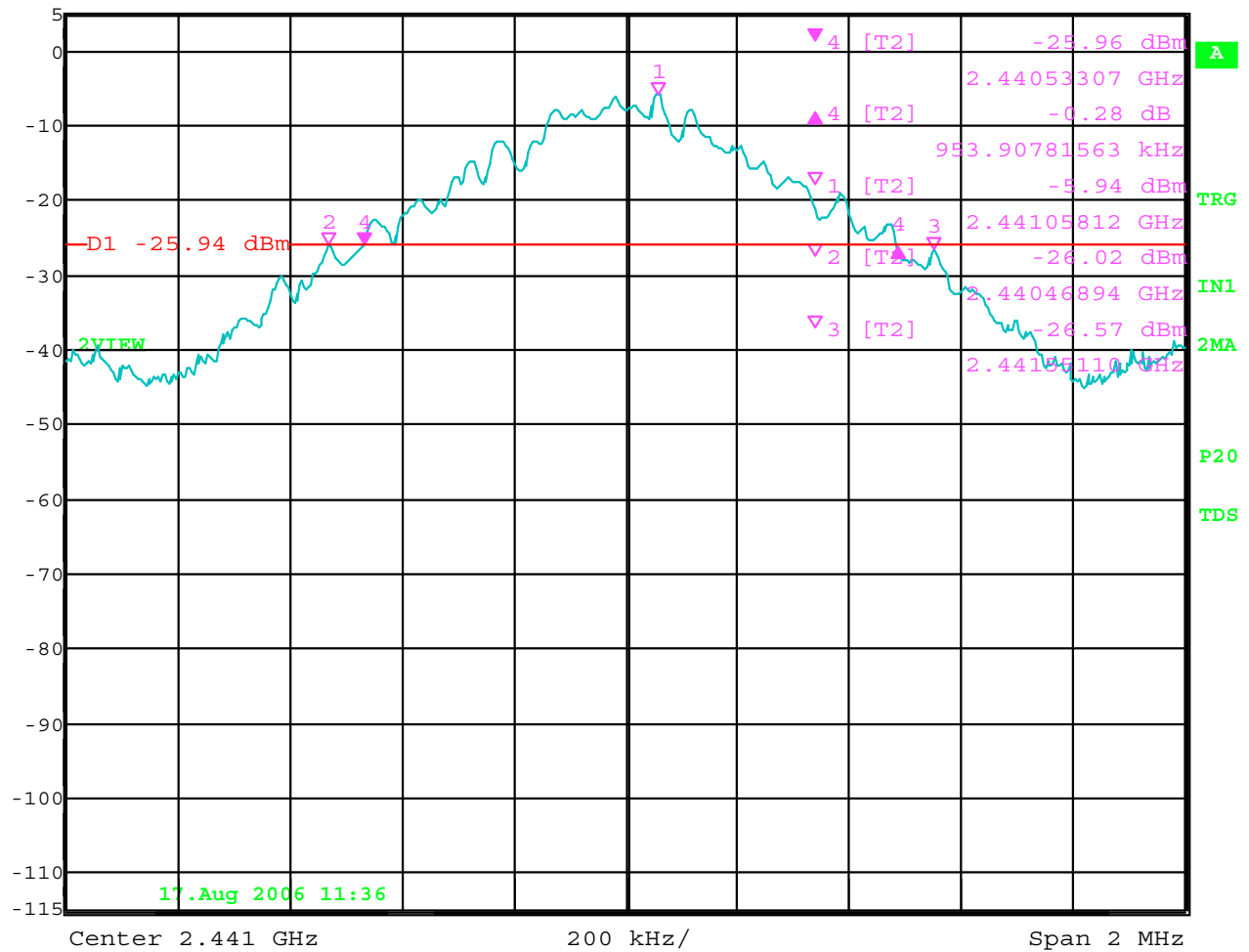


Date: 17.AUG.2006 11:37:53

-20 dB Bandwidth – Low Channel



Delta 4 [T2] RBW 30 kHz RF Att 40 dB
Ref Lvl -0.28 dB VBW 100 kHz
5 dBm 953.90781563 kHz SWT 6 ms Unit dBm

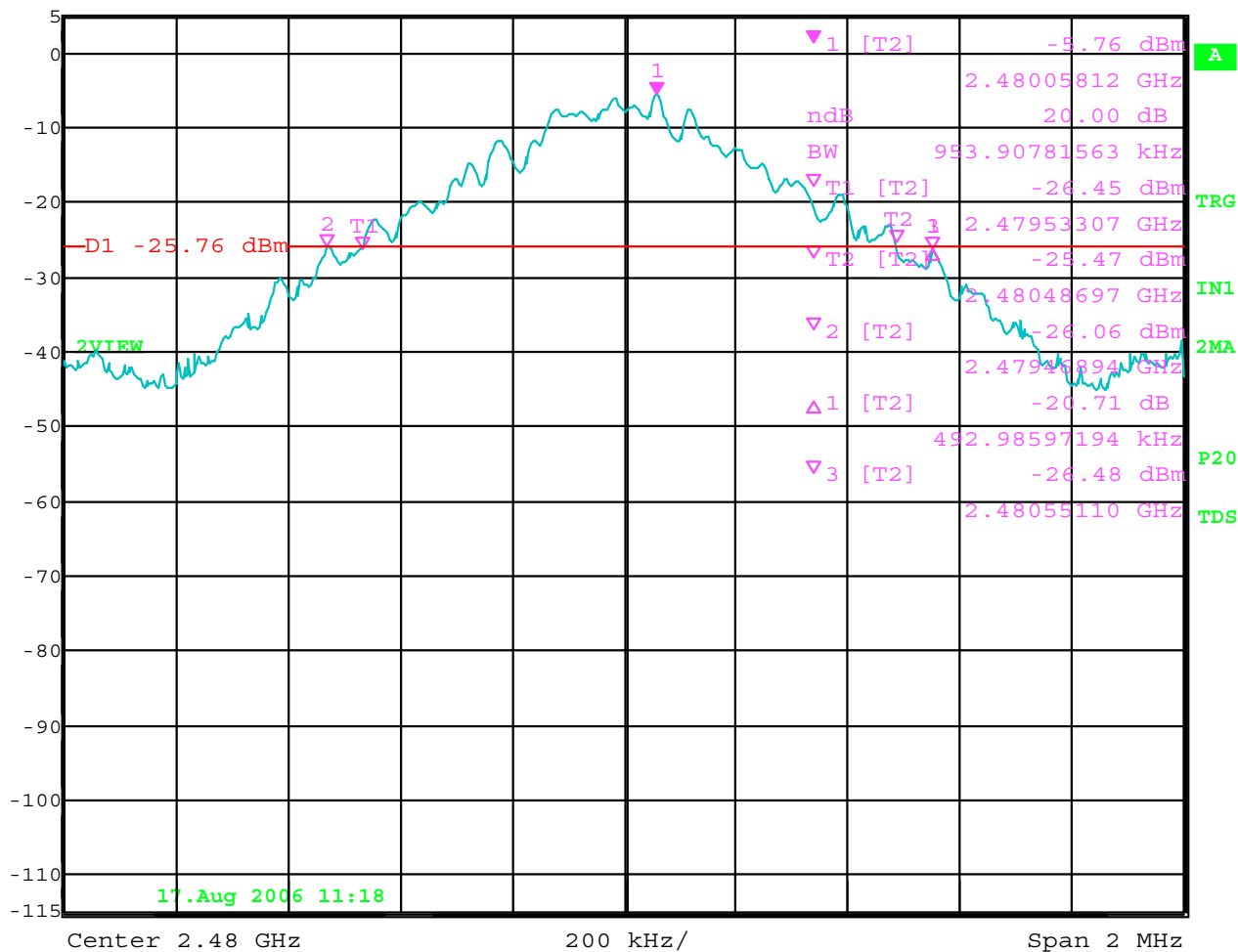


Date: 17.AUG.2006 11:36:22

-20 dB Bandwidth – Middle Channel



Ref Lvl 5 dBm
Marker 1 [T2 ndB] 20.00 dB
BW 953.90781563 kHz
RBW 30 kHz
VBW 100 kHz
SWT 6 ms
RF Att 40 dB
Unit dBm



Date: 17.AUG.2006 11:19:01

-20 dB Bandwidth – High Channel

PEAK POWER OUTPUT

DATA SHEETS

PEAK OUTPUT POWER – 08-17-06

Interlink Electronics

Bluetooth Remote Control

MODEL: VP6600R

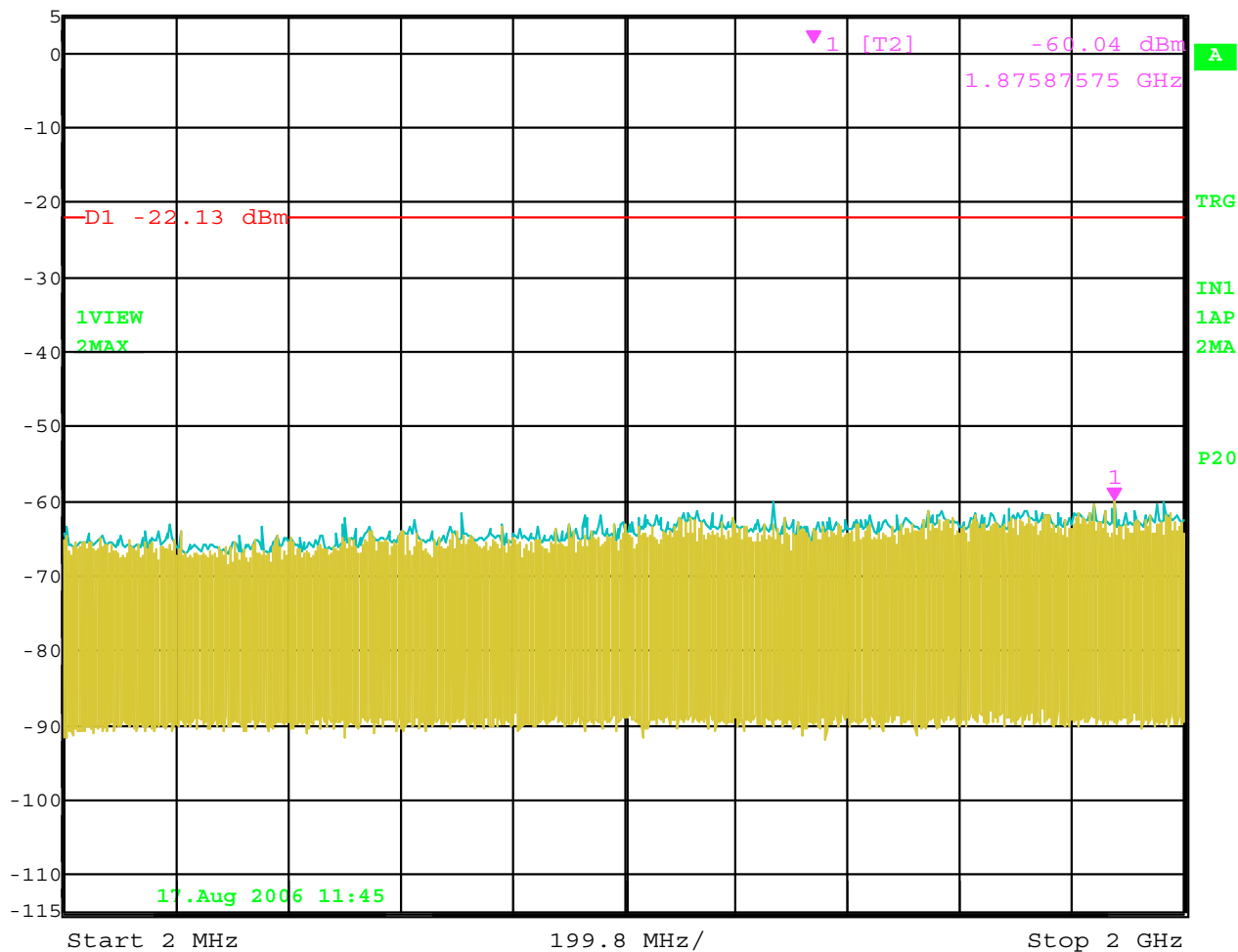
CHANNEL	PEAK POWER OUTPUT (dBm)
LOW (2402 MHz)	2.33
MIDDLE (2441 MHz)	1.99
HIGH (2480 MHz)	1.52

RF CONDUCTED ANTENNA TEST

DATA SHEETS



Ref Lvl 5 dBm
Marker 1 [T2] -60.04 dBm
1.87587575 GHz
RBW 100 kHz RF Att 40 dB
VBW 300 kHz
SWT 1.15 s Unit dBm

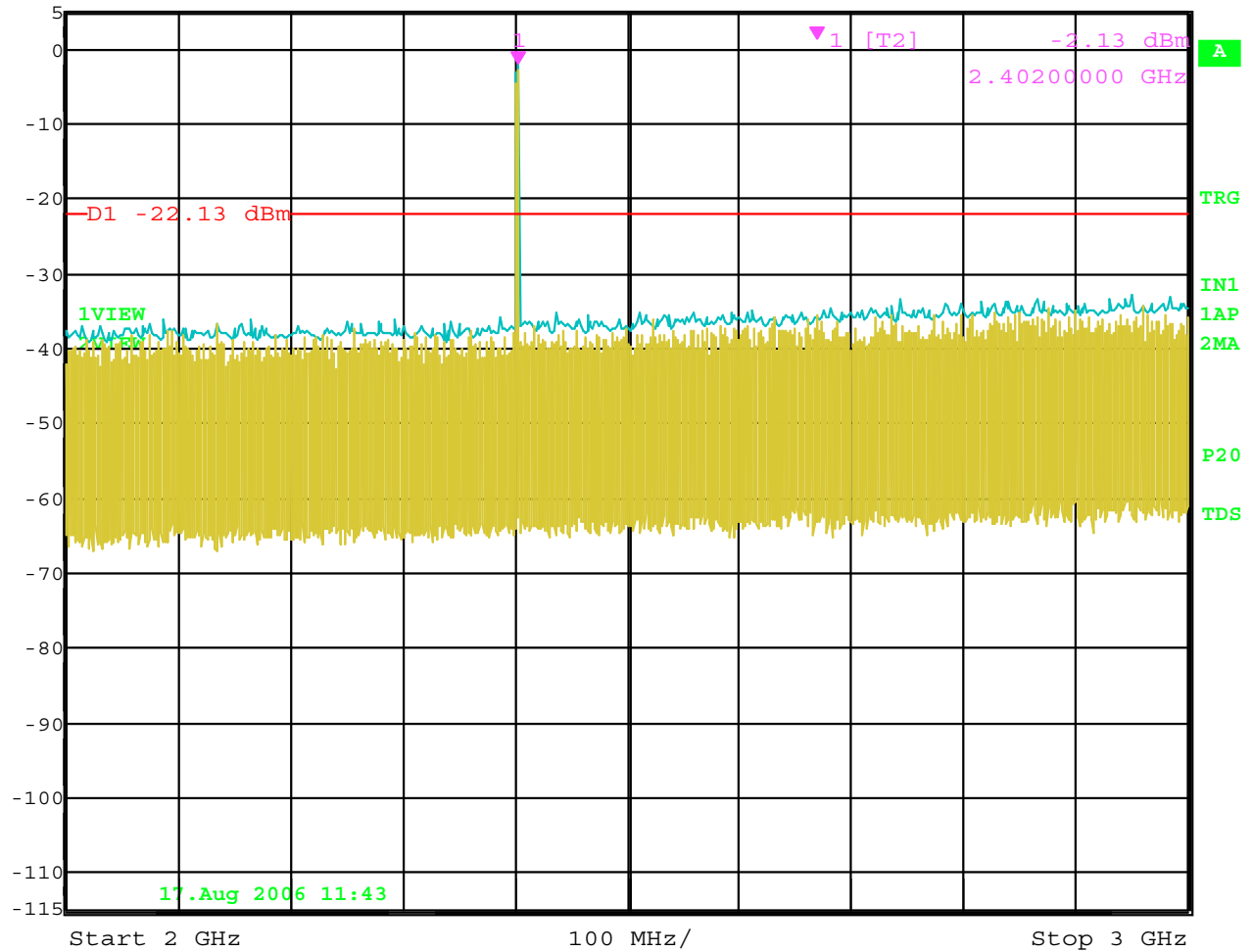


Date: 17.AUG.2006 11:45:13

RF Antenna Conducted Test – Low Channel – 2 MHz to 2 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-2.13 dBm VBW 300 kHz
2.40200000 GHz SWT 250 ms Unit dBm

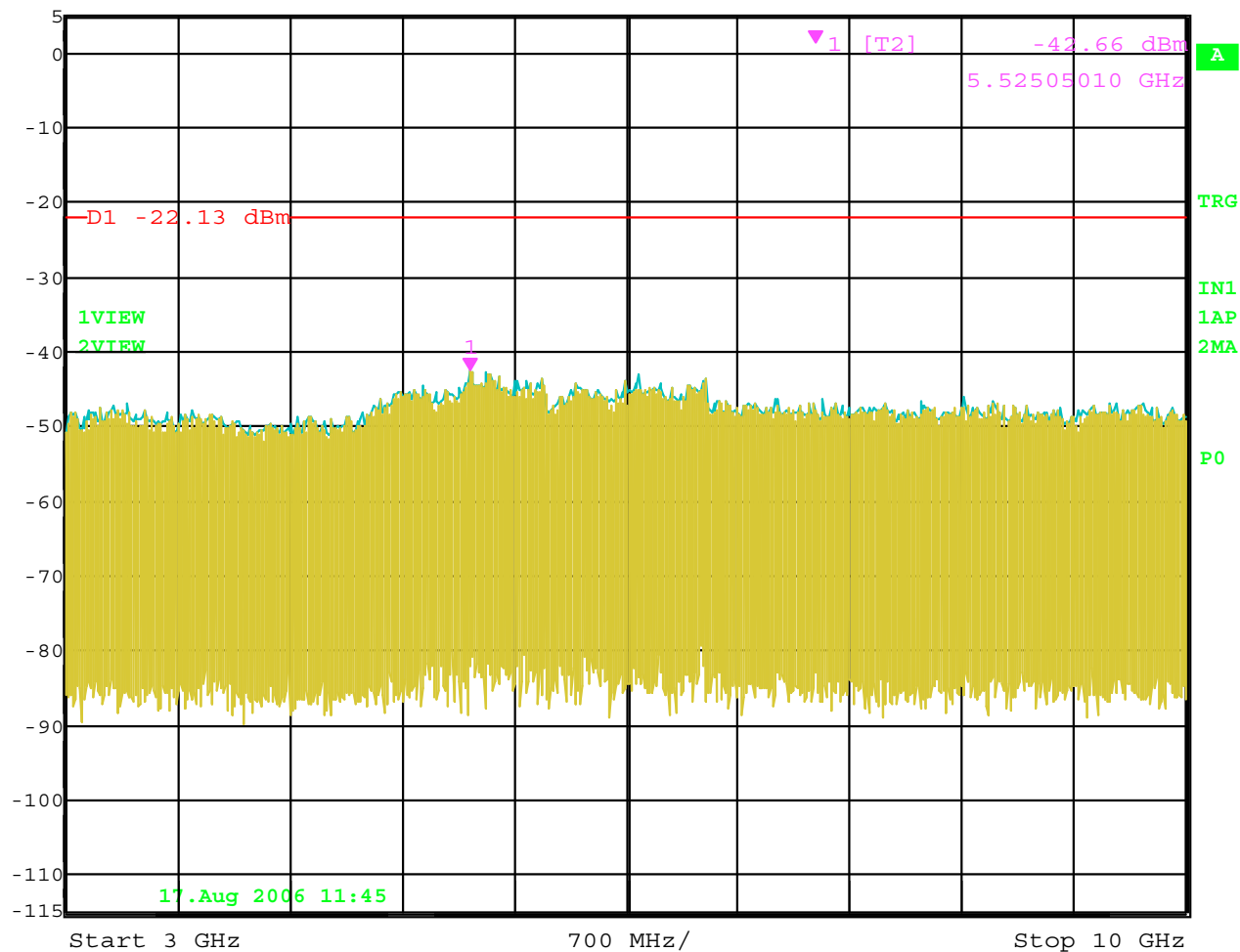


Date: 17.AUG.2006 11:43:20

RF Antenna Conducted Test – Low Channel – 2 GHz to 3 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl -42.66 dBm VBW 300 kHz
5 dBm 5.52505010 GHz SWT 1.75 s Unit dBm

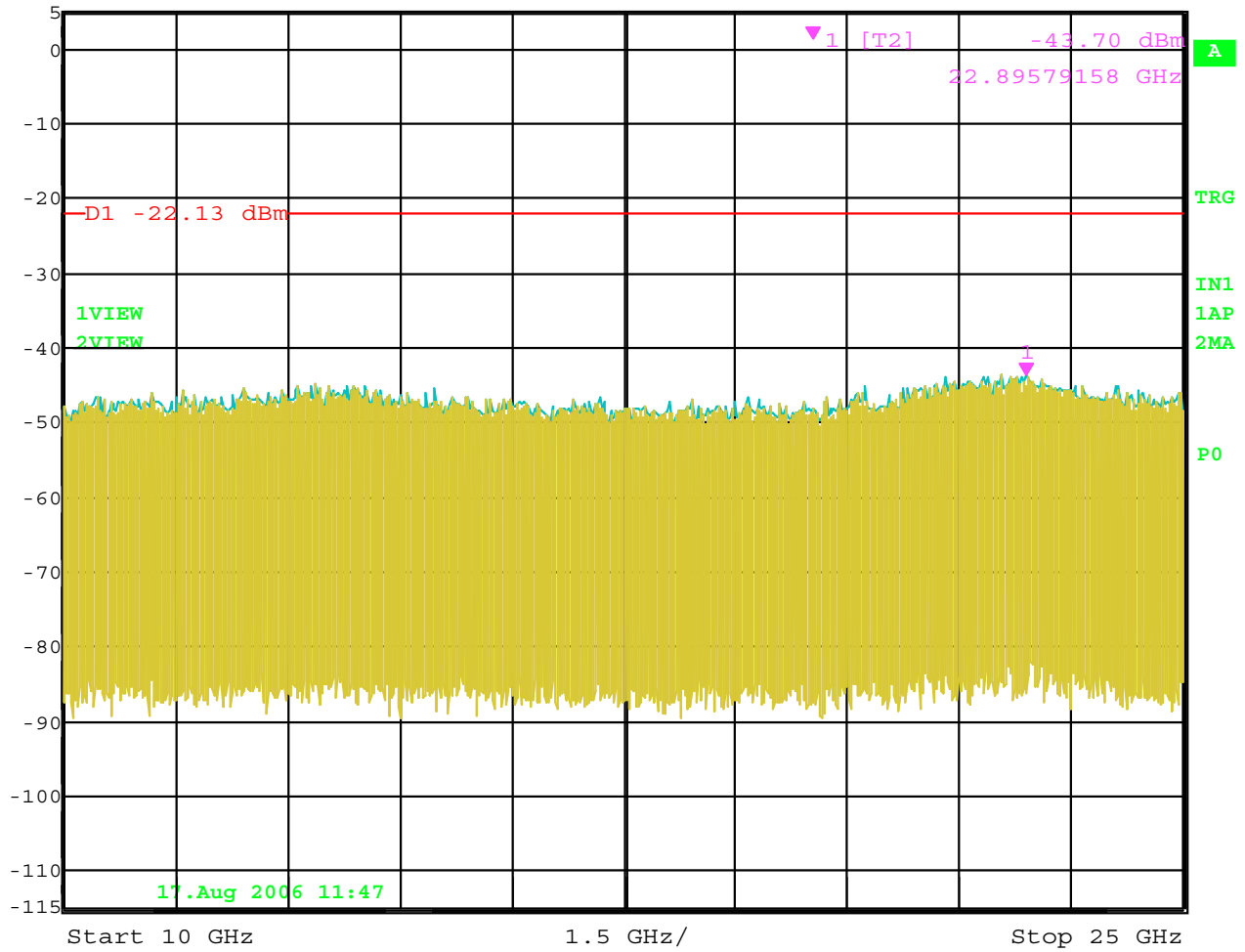


Date: 17.AUG.2006 11:45:45

RF Antenna Conducted Test – Low Channel – 3 GHz to 10 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-43.70 dBm VBW 300 kHz
22.89579158 GHz SWT 3.8 s Unit dBm

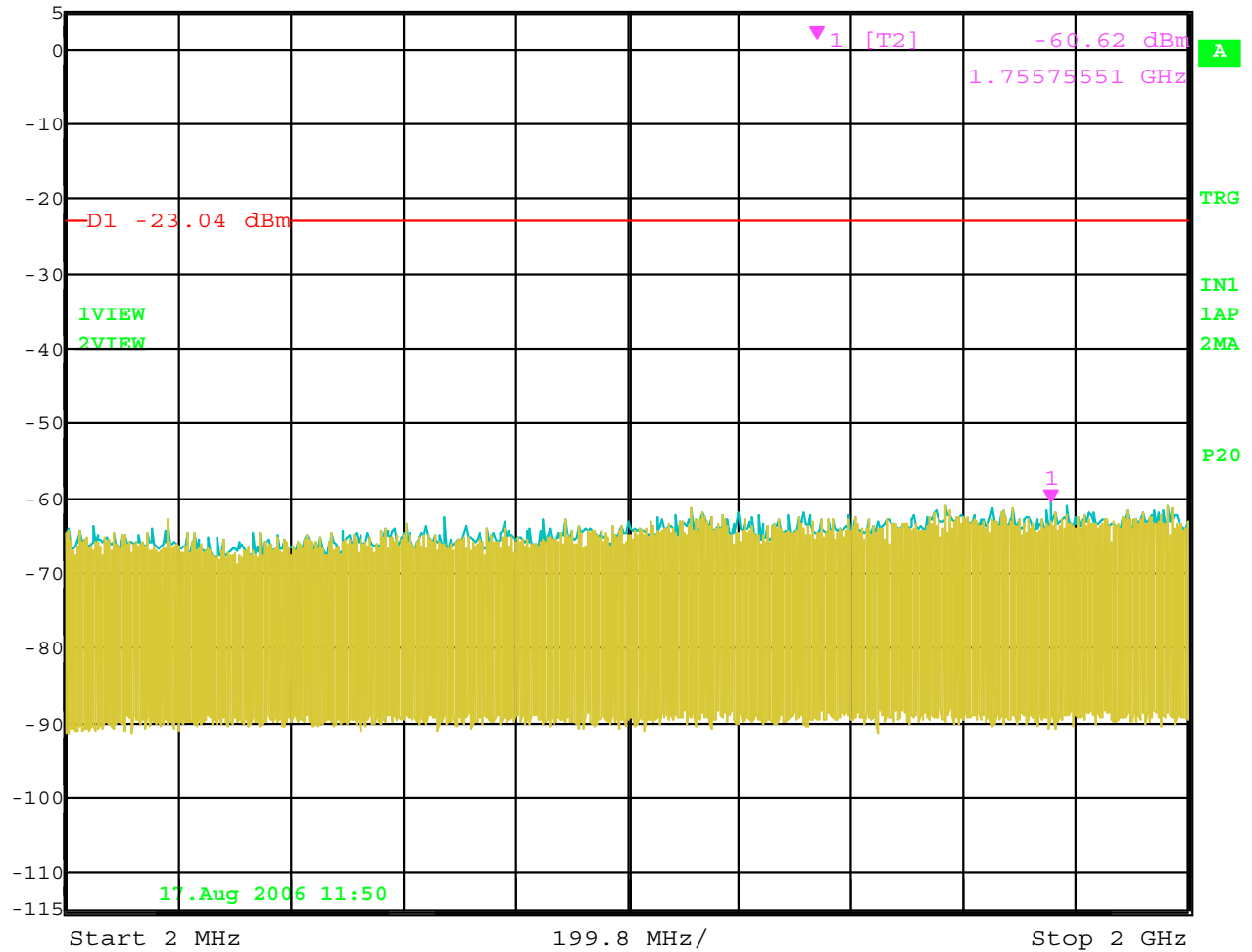


Date: 17.AUG.2006 11:47:06

RF Antenna Conducted Test – Low Channel – 10 GHz to 25 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-60.62 dBm VBW 300 kHz
1.75575551 GHz SWT 1.15 s Unit dBm

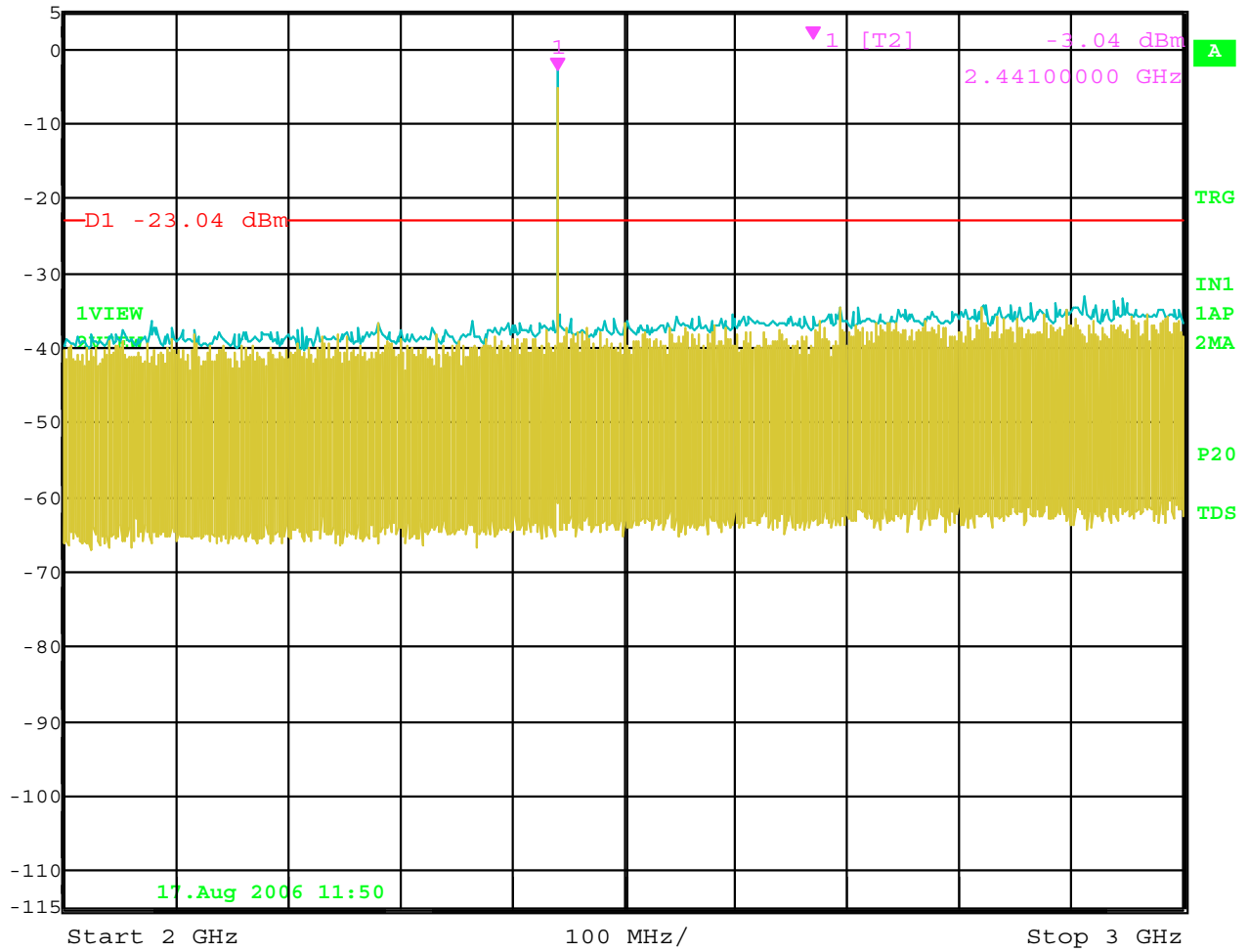


Date: 17.AUG.2006 11:50:57

RF Antenna Conducted Test – Middle Channel – 2 MHz to 2 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-3.04 dBm VBW 300 kHz
2.44100000 GHz SWT 250 ms Unit dBm

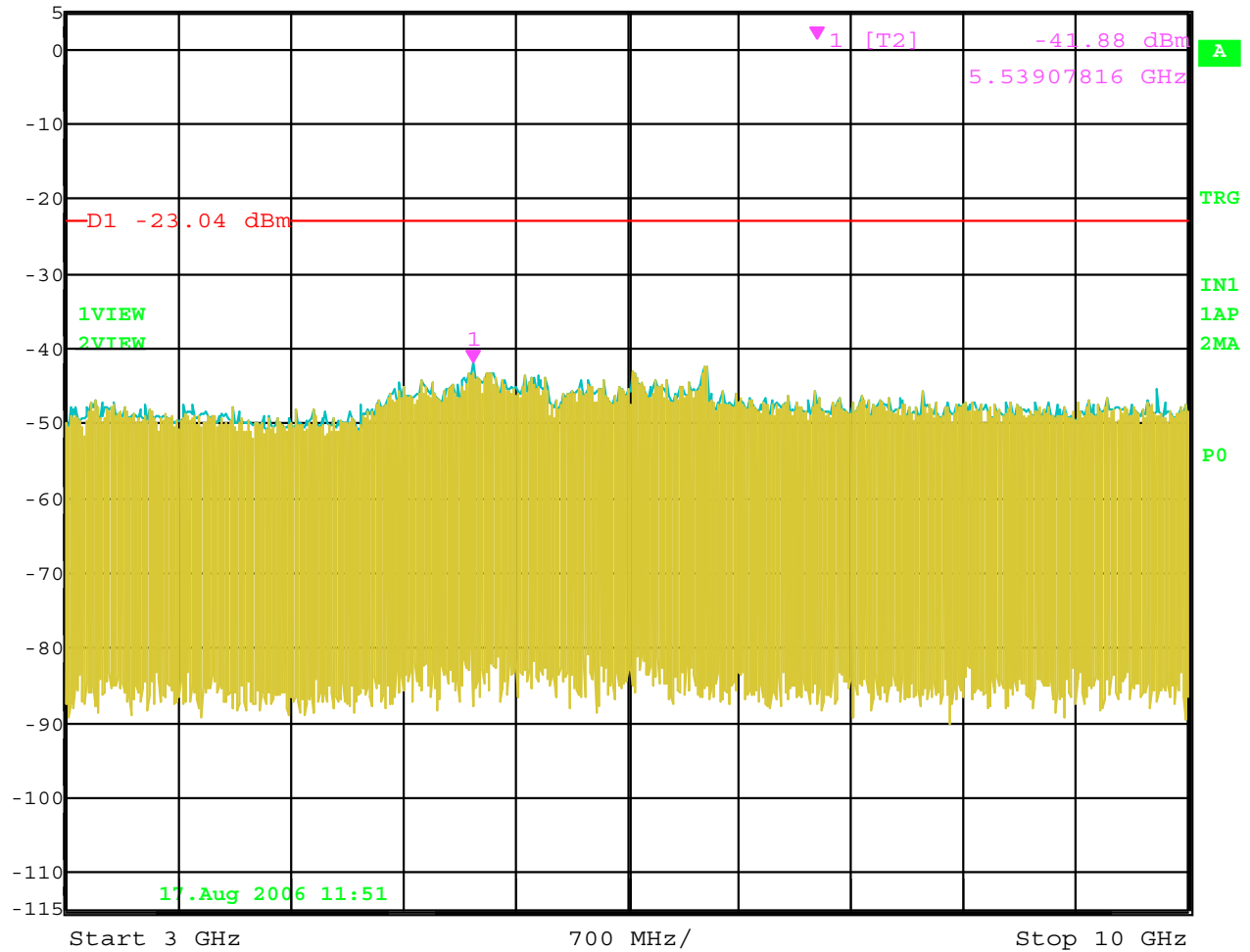


Date: 17.AUG.2006 11:50:21

RF Antenna Conducted Test – Middle Channel – 2 GHz to 3 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-41.88 dBm VBW 300 kHz
5.53907816 GHz SWT 1.75 s Unit dBm

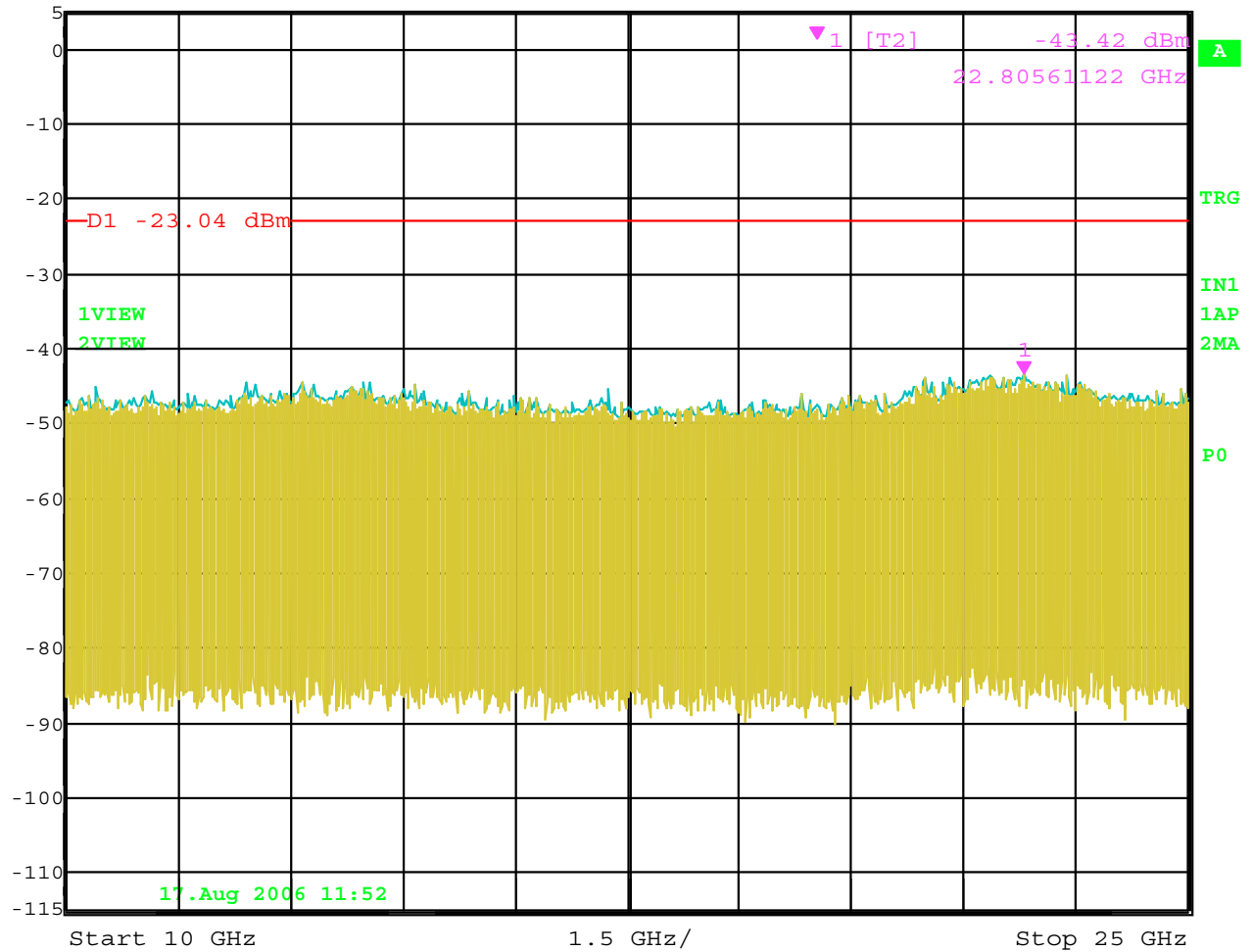


Date: 17.AUG.2006 11:51:44

RF Antenna Conducted Test – Middle Channel – 3 GHz to 10 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-43.42 dBm VBW 300 kHz
22.80561122 GHz SWT 3.8 s Unit dBm

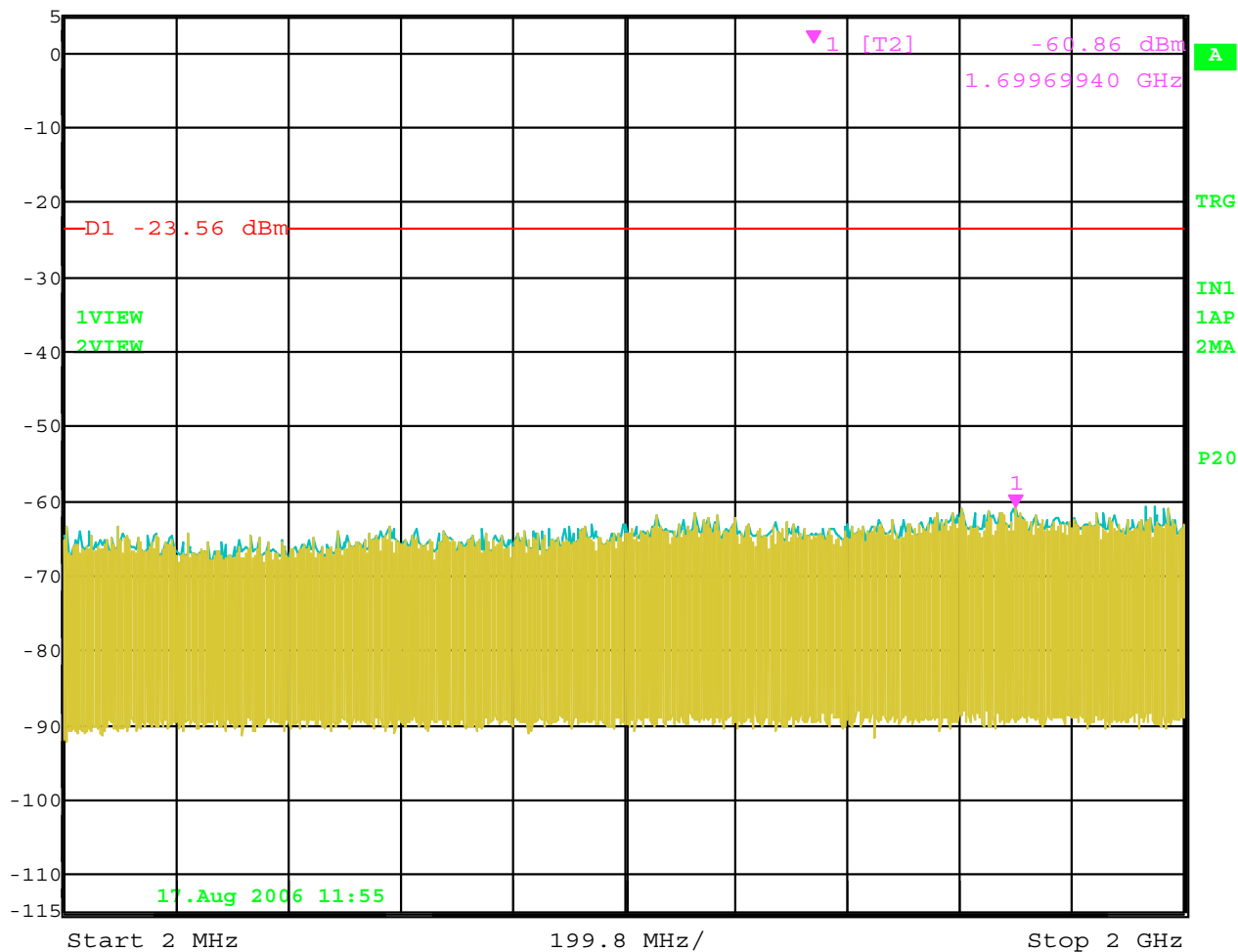


Date: 17.AUG.2006 11:52:23

RF Antenna Conducted Test – Middle Channel – 10 GHz to 25 GHz



Ref Lvl 5 dBm
Marker 1 [T2] -60.86 dBm
1.69969940 GHz
RBW 100 kHz RF Att 40 dB
VBW 300 kHz
SWT 1.15 s Unit dBm

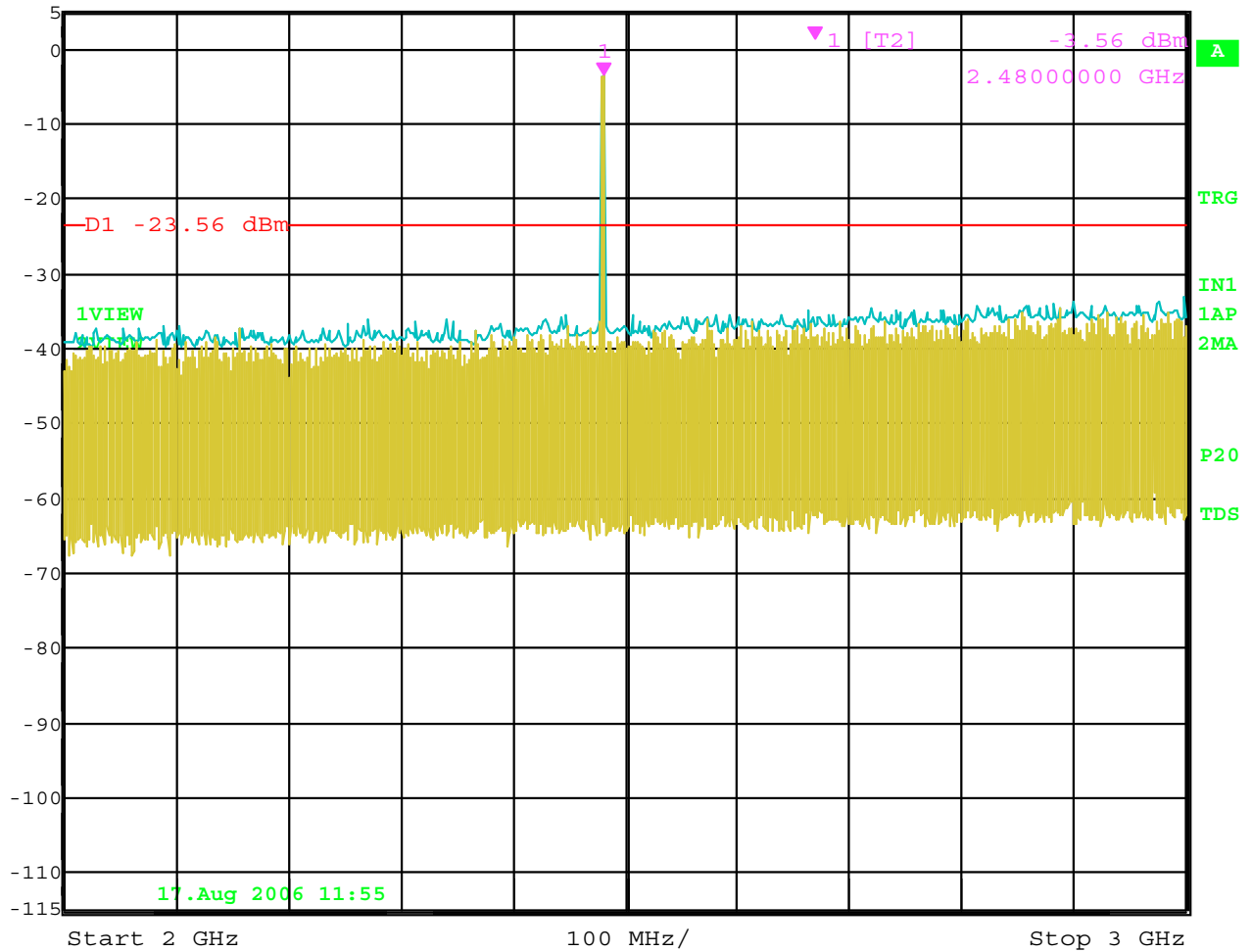


Date: 17.AUG.2006 11:55:41

RF Antenna Conducted Test – High Channel – 2 MHz to 2 GHz



Marker 1 [T2] RBW 100 kHz RF Att 40 dB
Ref Lvl -3.56 dBm VBW 300 kHz
5 dBm 2.48000000 GHz SWT 250 ms Unit dBm

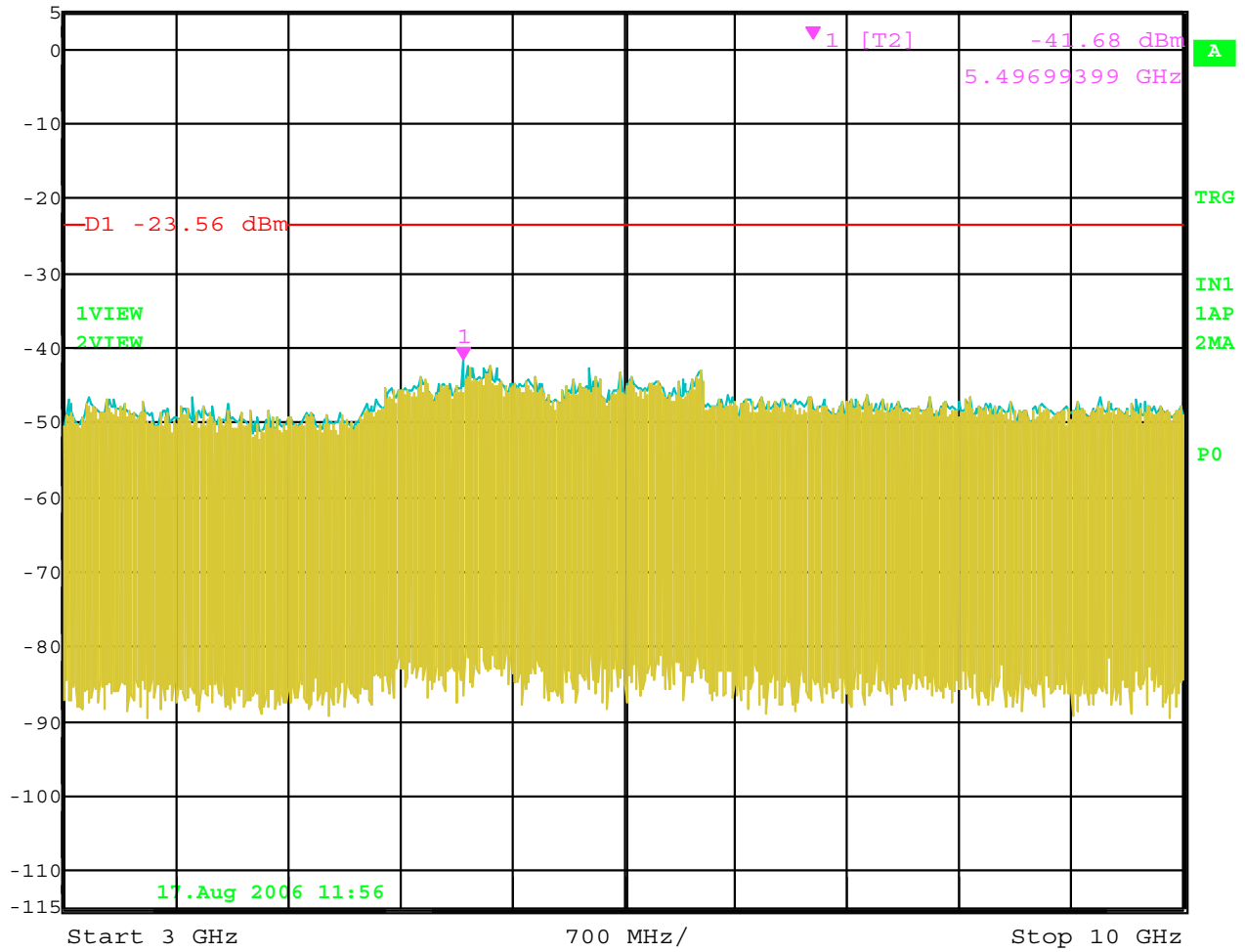


Date: 17.AUG.2006 11:55:01

RF Antenna Conducted Test – High Channel – 2 GHz to 3 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-41.68 dBm VBW 300 kHz
5.49699399 GHz SWT 1.75 s Unit dBm

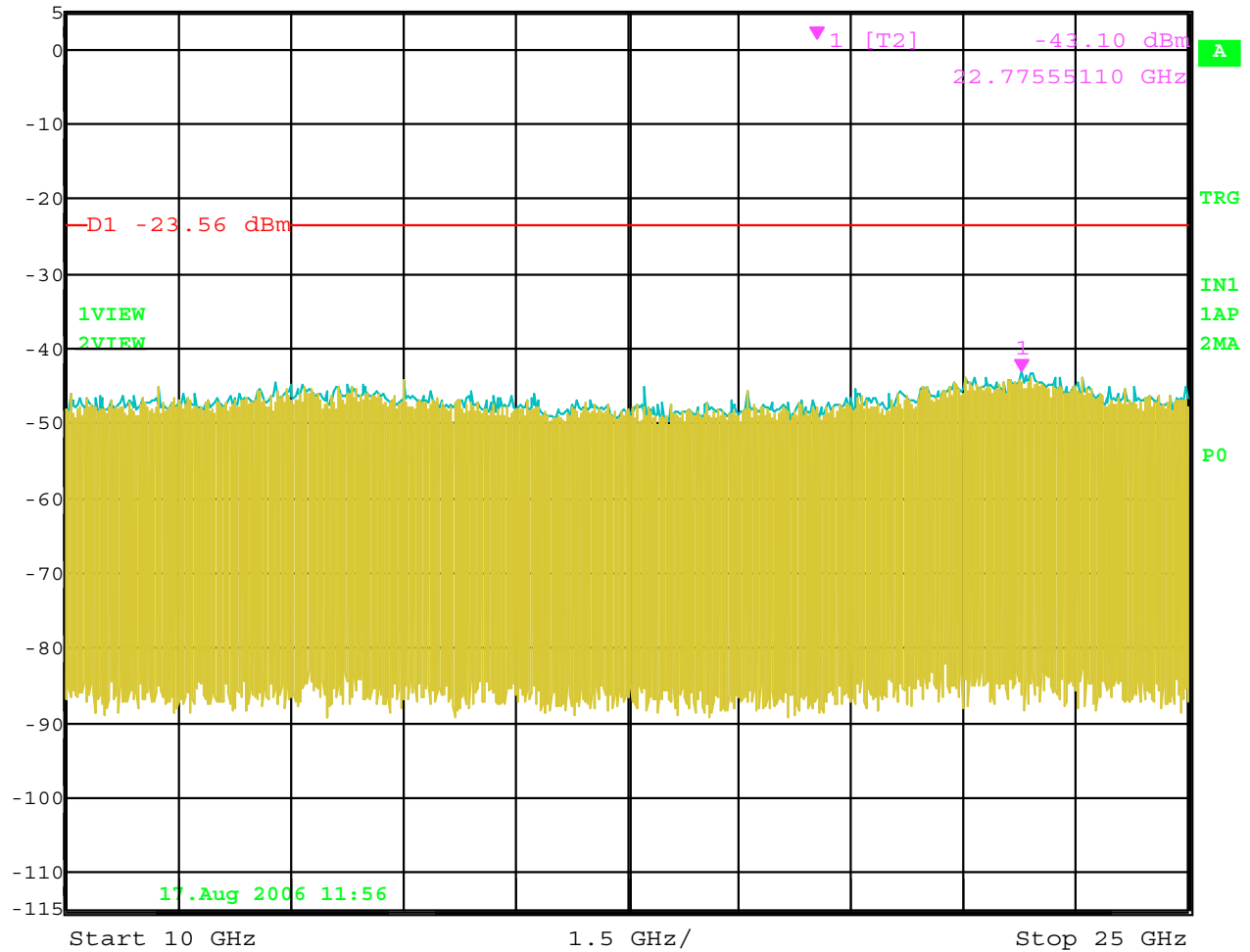


Date: 17.AUG.2006 11:56:14

RF Antenna Conducted Test – High Channel – 3 GHz to 10 GHz



Ref Lvl 5 dBm Marker 1 [T2] RBW 100 kHz RF Att 40 dB
-43.10 dBm VBW 300 kHz
22.77555110 GHz SWT 3.8 s Unit dBm



Date: 17.AUG.2006 11:56:53

RF Antenna Conducted Test – High Channel – 10 GHz to 25 GHz

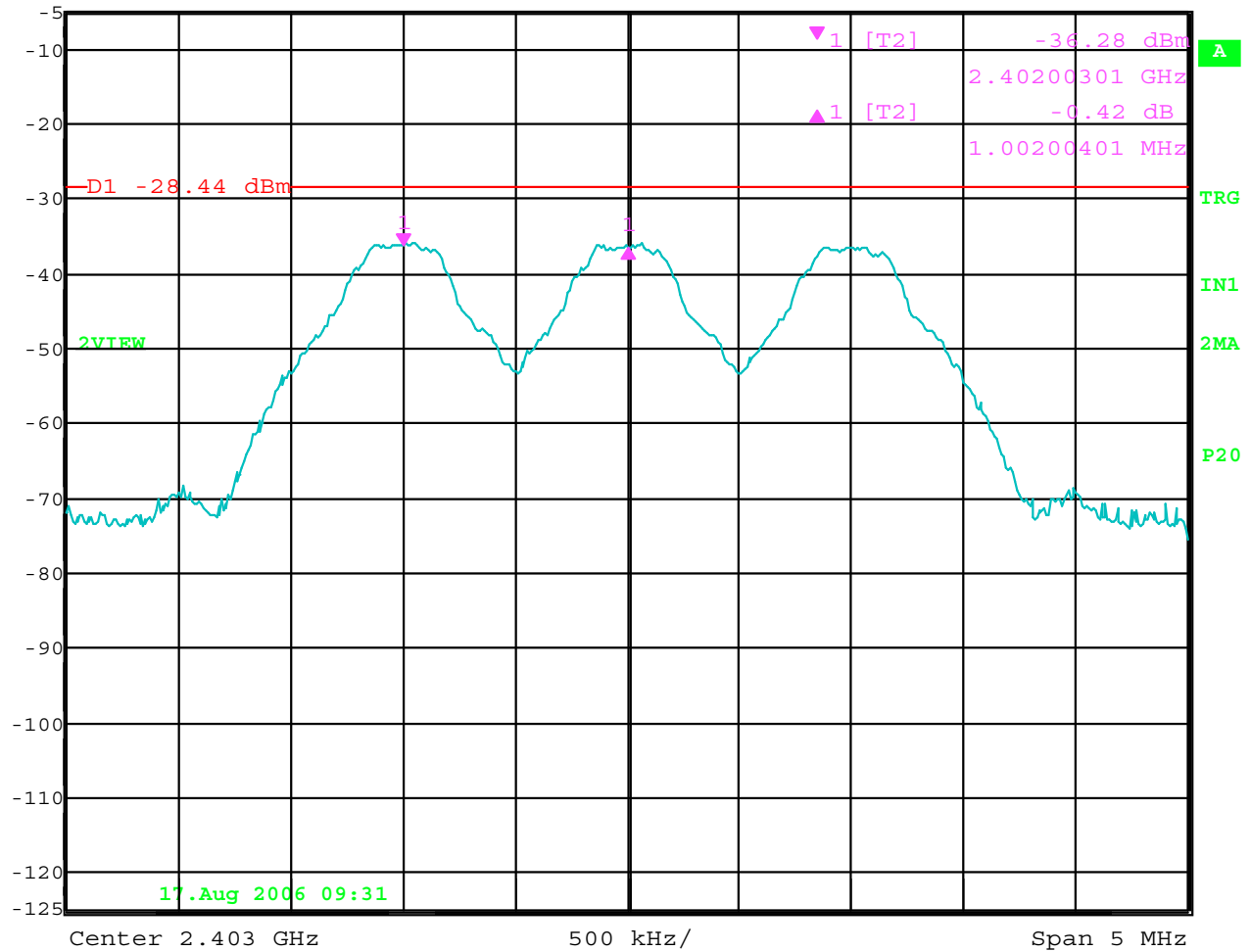


CHANNEL HOPPING SEPARATION

DATA SHEET



Delta 1 [T2] RBW 100 kHz RF Att 30 dB
Ref Lvl -5 dBm -0.42 dB VBW 300 kHz
1.00200401 MHz SWT 5 ms Unit dBm



Date: 17.AUG.2006 09:31:49

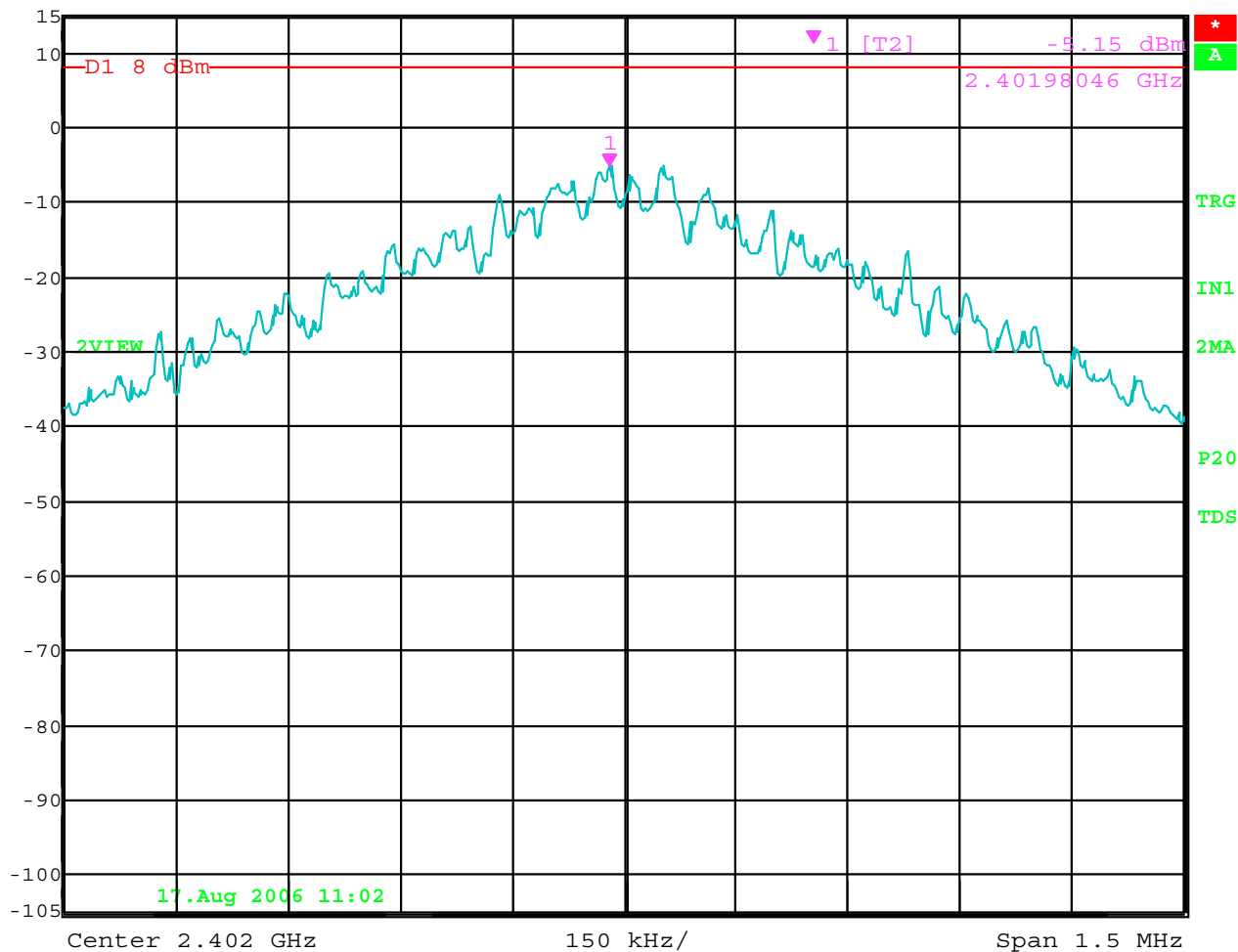
Channel Hopping Separation Test
The channels have a separation that is greater than the -20 dB Bandwidth

SPECTRAL DENSITY OUTPUT

DATA SHEETS



Ref Lvl 15 dBm
Marker 1 [T2] -5.15 dBm
2.40198046 GHz
RBW 10 kHz
RF Att 50 dB
VBW 3 kHz
SWT 500 s
Unit dBm

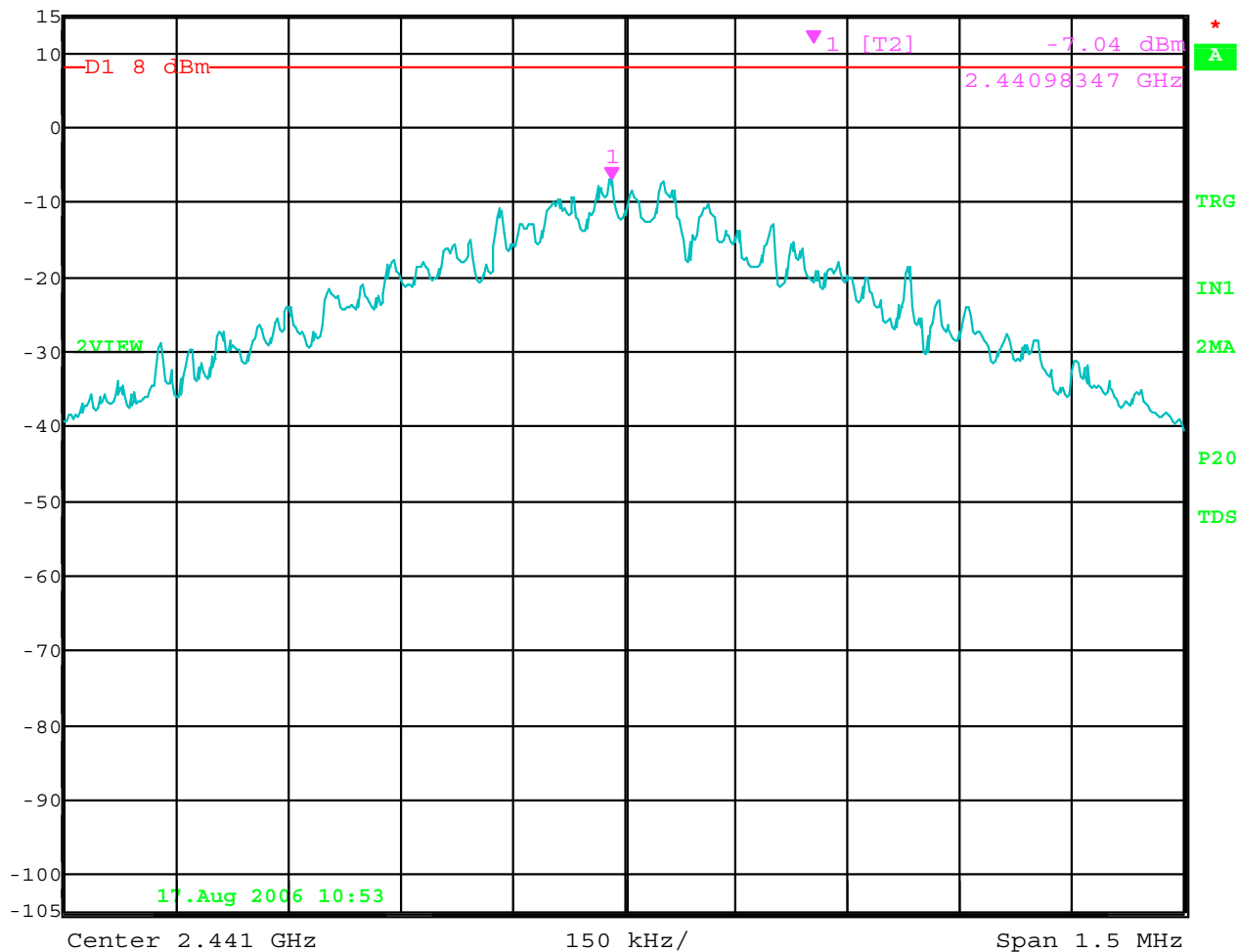


Date: 17.AUG.2006 11:02:08

Spectral Density Output – Low Channel



Ref Lvl 15 dBm
Marker 1 [T2] -7.04 dBm
2.44098347 GHz
RBW 10 kHz
VBW 3 kHz
SWT 500 s
RF Att 50 dB
Unit dBm



Date: 17.AUG.2006 10:53:07

Spectral Density Output – Middle Channel



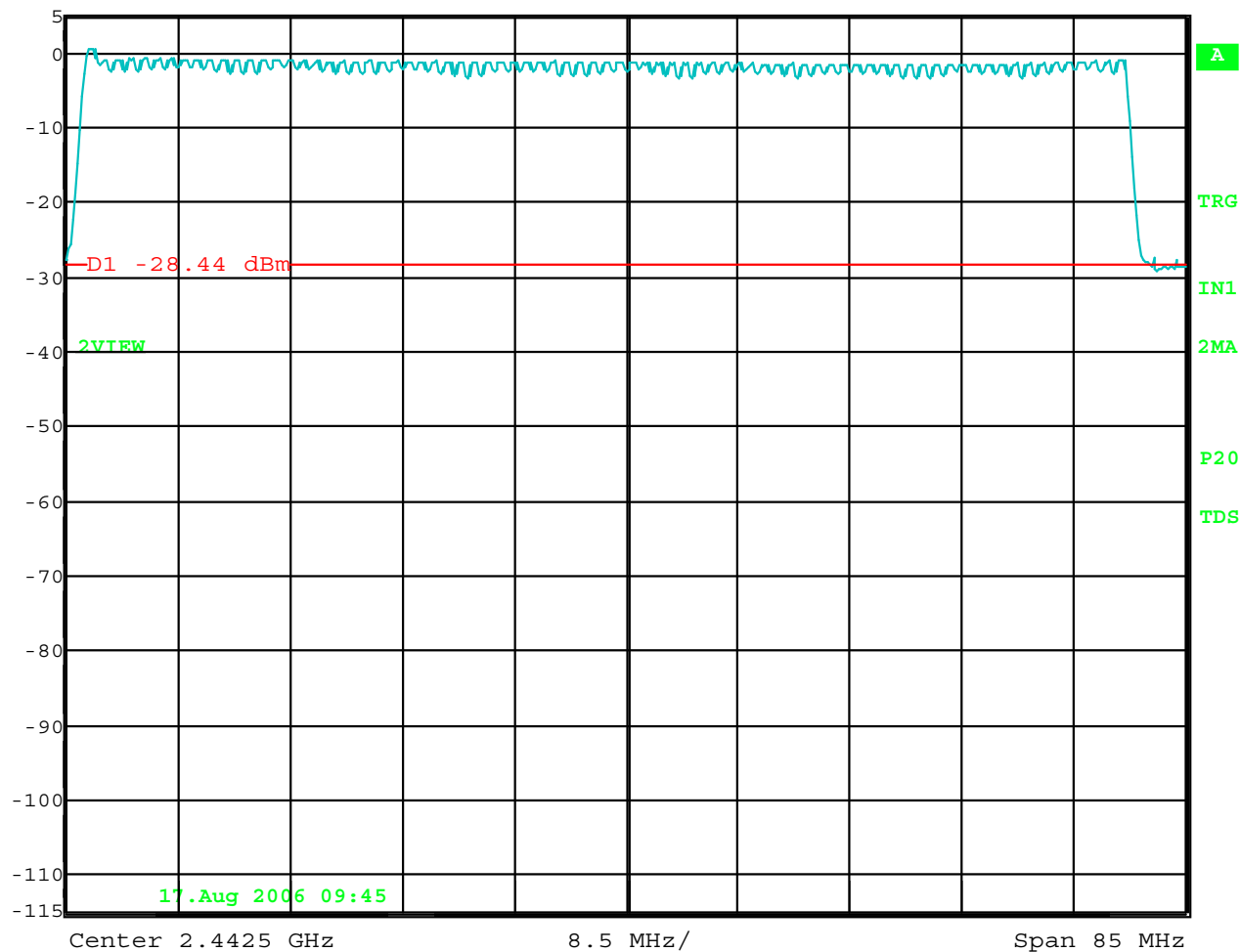
NUMBER OF HOPPING FREQUENCIES

DATA SHEET



Ref Lvl
5 dBm

RBW 1 MHz RF Att 40 dB
VBW 1 MHz
SWT 5 ms Unit dBm



Date: 17.AUG.2006 09:45:23

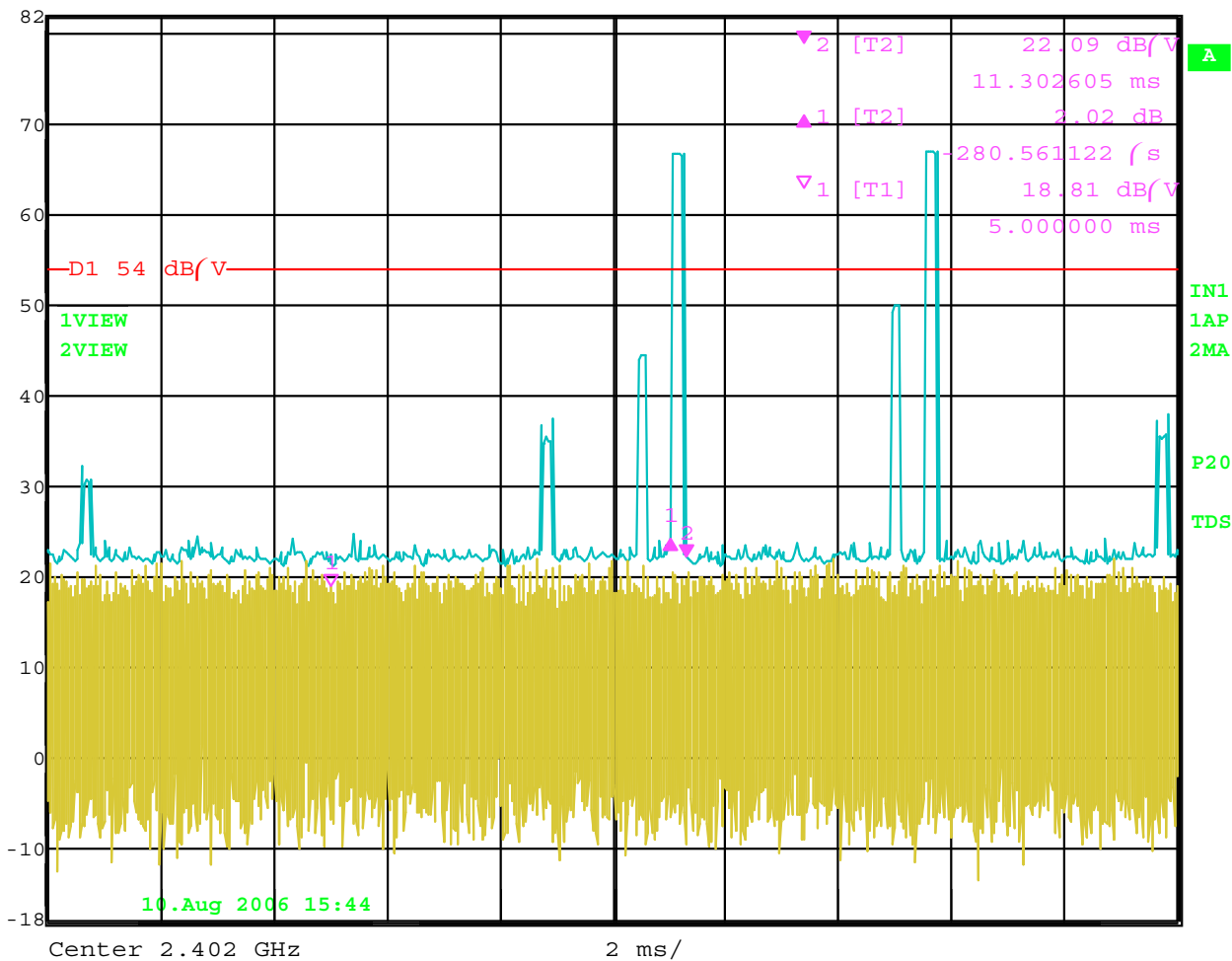
Number of Frequencies = 79

AVERAGE TIME OF OCCUPANCY

DATA SHEETS



Delta 1 [T2] RBW 1 MHz RF Att 10 dB
Ref Lvl 2.02 dB VBW 1 MHz
82 dB/V -280.561122 /s SWT 20 ms Unit dB/V

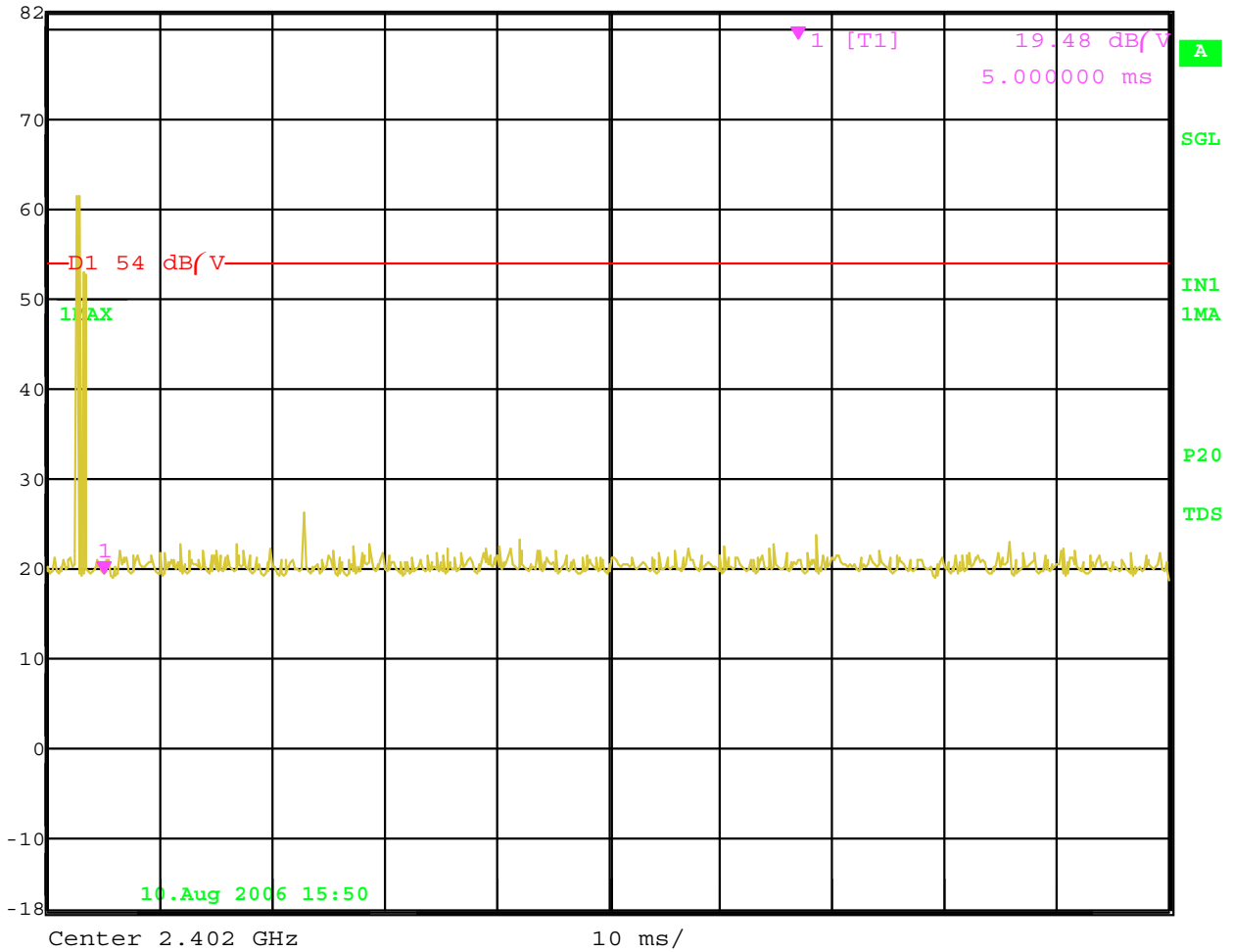


Date: 10.AUG.2006 15:44:31

Time of One Pulse = 280.561122 uS

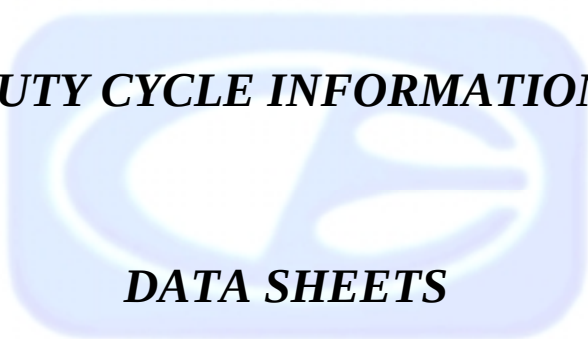


Ref Lvl 82 dB/V
Marker 1 [T1] 19.48 dB/V
5.000000 ms
RBW 1 MHz
VBW 1 MHz
SWT 100 ms
RF Att 10 dB
Unit dB/V



Date: 10.AUG.2006 15:50:03

Total Number of Pulses per 100 mS – Worst Case – 2
Total On Time per 100 mS = 280.561122 uS * 2 = 561.1122244 uS
Total Duty Cycle = 0.561% (0.56122244 mS / 100 mS)

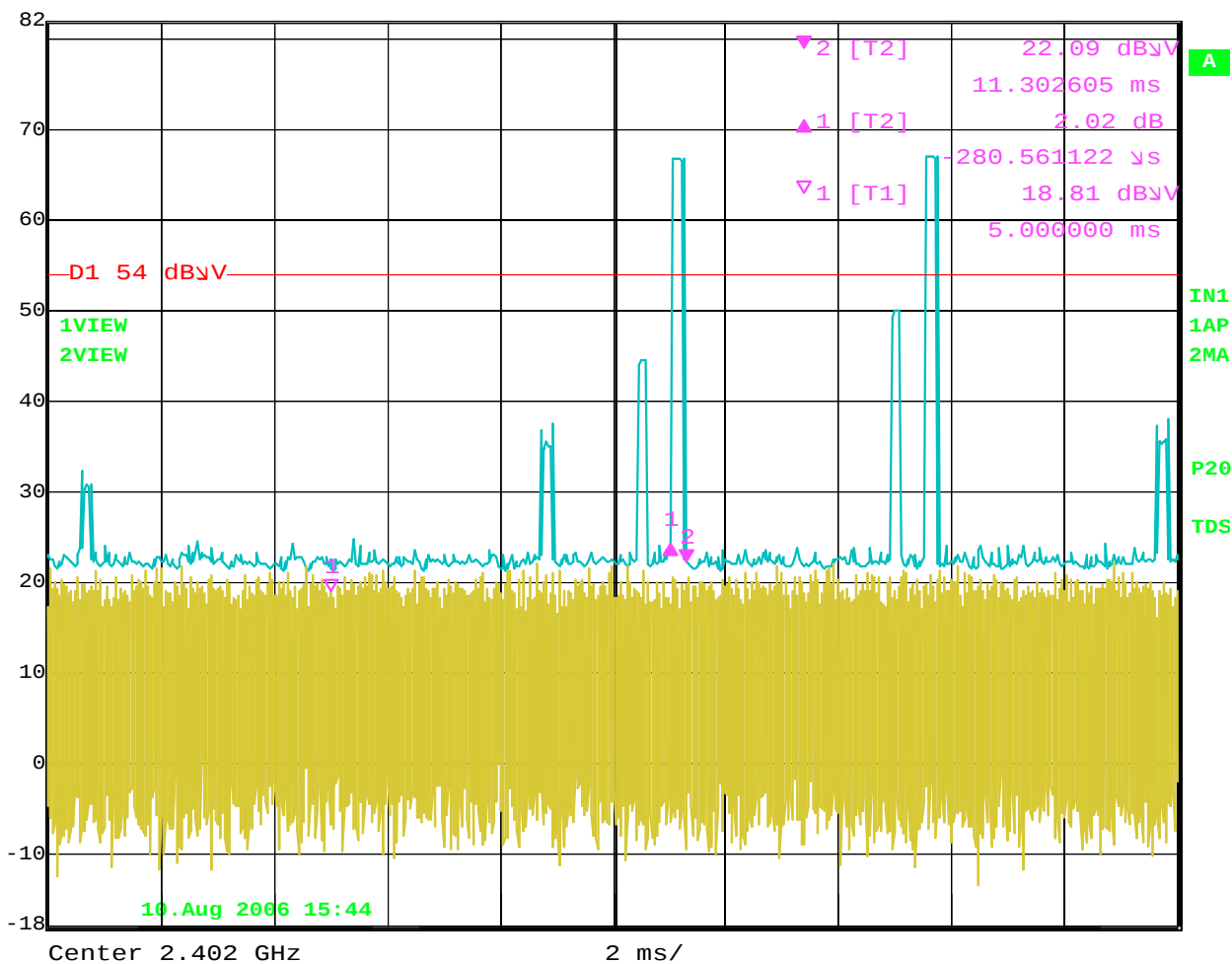


DUTY CYCLE INFORMATION

DATA SHEETS



Ref Lvl 82 dBμV
Delta 1 [T2] 2.02 dB
-280.561122 μs
RBW 1 MHz
VBW 1 MHz
SWT 20 ms
RF Att 10 dB
Unit dBμV

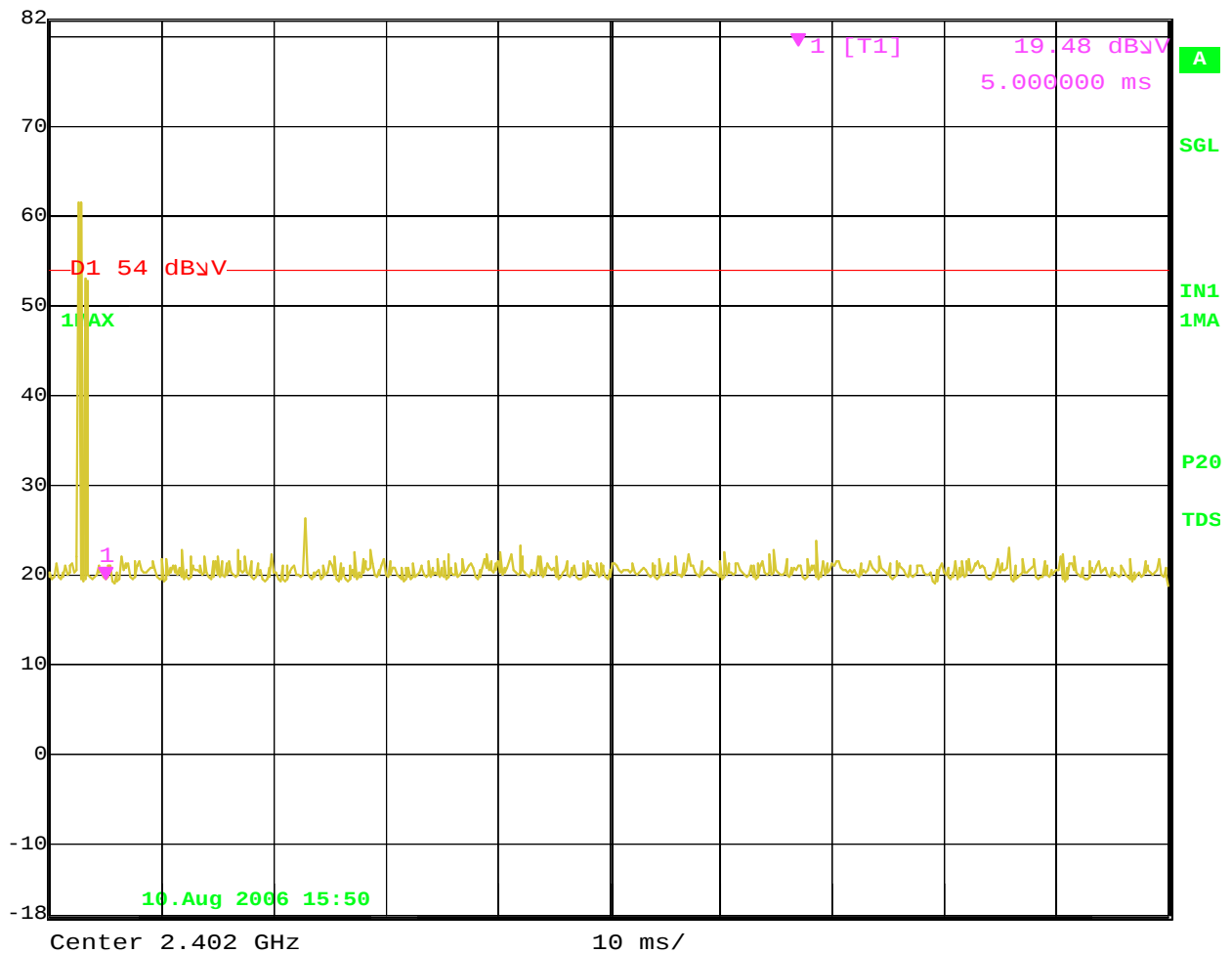


Date: 10.AUG.2006 15:44:31

Time of One Pulse = 280.561122 uS

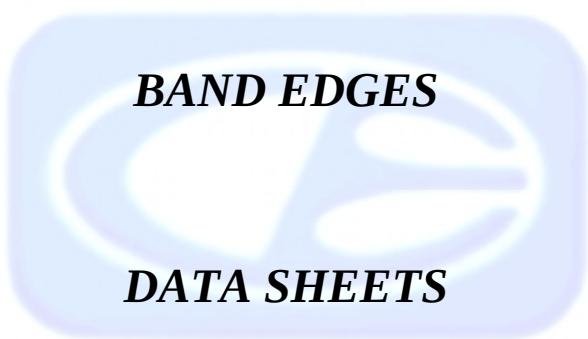


Ref Lvl 82 dBμV
Marker 1 [T1] 19.48 dBμV
5.000000 ms
RBW 1 MHz
VBW 1 MHz
SWT 100 ms
RF Att 10 dB
Unit dBμV



Date: 10.AUG.2006 15:50:03

Total Number of Pulses per 100 mS – Worst Case – 2
Total on time per 100 mS = 280.561122 uS * 2 = 561.1122244 uS
Total On Time per 31.6 Seconds (79 channels *0.400 seconds) = 561.1122244 uS * 316 = **177.3114629 mS**
Limit = 400 mS per 31.6 Second period.



BAND EDGES

DATA SHEETS

FCC 15.247

Interlink Electronics, Inc.
Bluetooth Remote Control
Model: VP6600R

Date: 08/10/06
Lab: B
Tested By: Kyle Fujimoto

Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	98.52	V	--	--	Peak	1	90	Fundamental of Low Channel
2402	78.52	V	--	--	Avg	1	90	@ 3 Meters - Y-Axis (worst case)
2354.08	47.22	V	74	-26.78	Peak	1	180	No Marker Delta Method
2354.1	27.22	V	54	-26.78	Peak	1	180	Method Used
2441	97.42	V	--	--	Peak	3.21	90	Fundamental of Middle Channel
2441	77.42	V	--	--	Avg	3.21	90	@ 3 Meters - Y-Axis (worst Case)
2480	94.17	V	--	--	Peak	3.19	135	Fundamental of High Channel
2480	74.17	V	--	--	Avg	3.19	135	@ 3 Meters - Z-Axis (worst case)
2498.79	47.46	V	74	-26.54	Peak	3.19	135	No Marker Delta Method
2498.79	27.26	V	54	-26.74	Peak	3.19	135	Method Used

FCC 15.247

Interlink Electronics, Inc.
Bluetooth Remote Control
Model: VP6600R

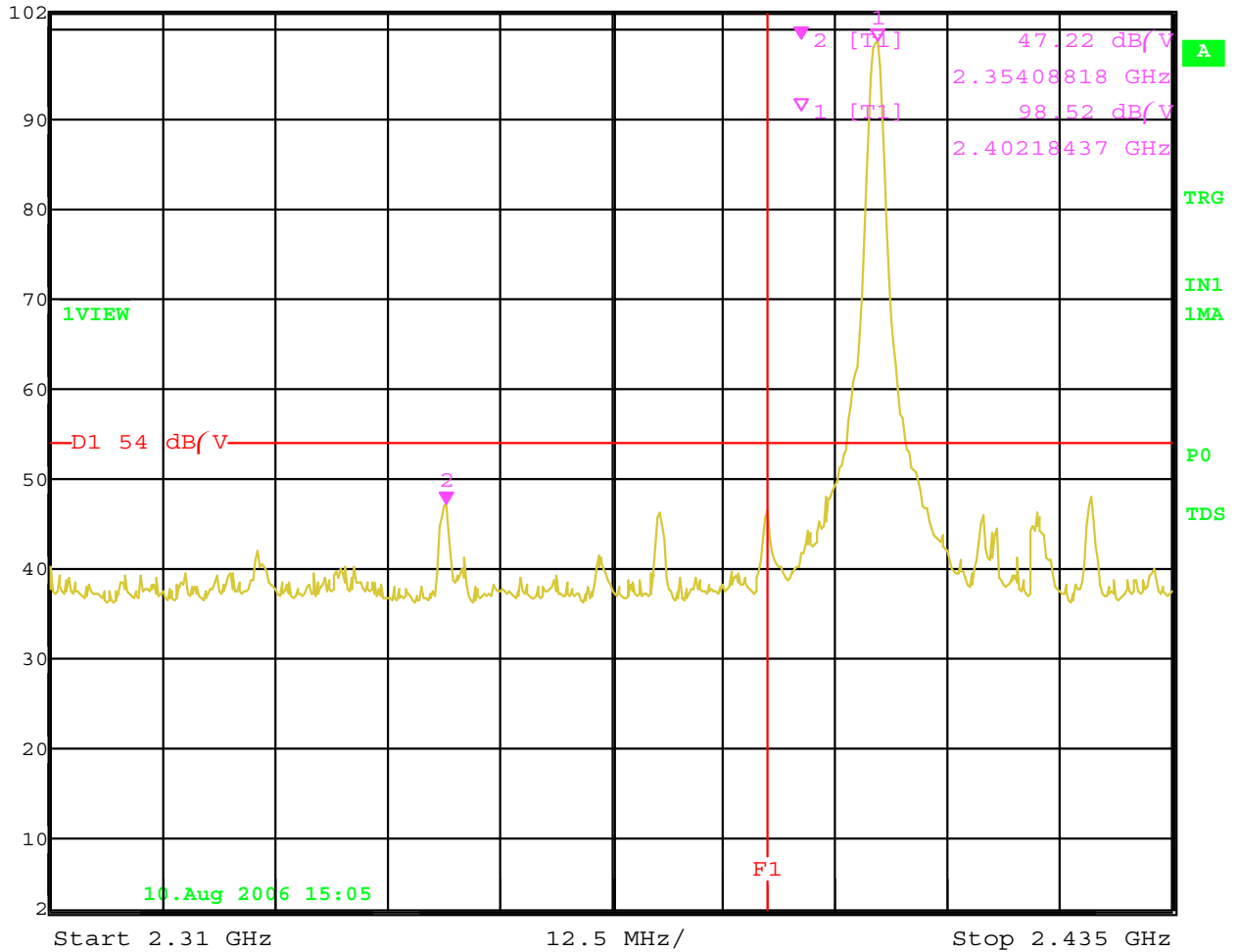
Date: 08/10/06
Lab: B
Tested By: Kyle Fujimoto

Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2402	97	H	--	--	Peak	1	0	Fundamental of Low Channel
2402	77	H	--	--	Avg	1	0	@ 3 Meters - X-Axis (worst case)
2353.8	47.01	H	54	-6.99	Avg	1	0	No Marker Delta Method
2353.8	27.01	H	54	-26.99	Avg	1	0	Method Used
2441	96.09	H	--	--	Peak	2.33	270	Fundamental of Middle Channel
2441	76.09	H	--	--	Avg	2.33	270	@ 3 Meters - Y-Axis (worst Case)
2480	97.73	H	--	--	Peak	1	135	Fundamental of High Channel
2480	77.73	H	--	--	Avg	1	135	@ 3 Meters - X-Axis (worst case)
2483.5	56.87	H	74	-17.13	Peak	1	135	No Marker Delta Method
2483.5	36.87	H	54	-17.13	Avg	1	135	Method Used



Ref Lvl 102 dB/V
Marker 2 [T1] 47.22 dB/V
2.35408818 GHz
RBW 1 MHz
RF Att 10 dB
VBW 1 MHz
SWT 5 ms
Unit dB/V

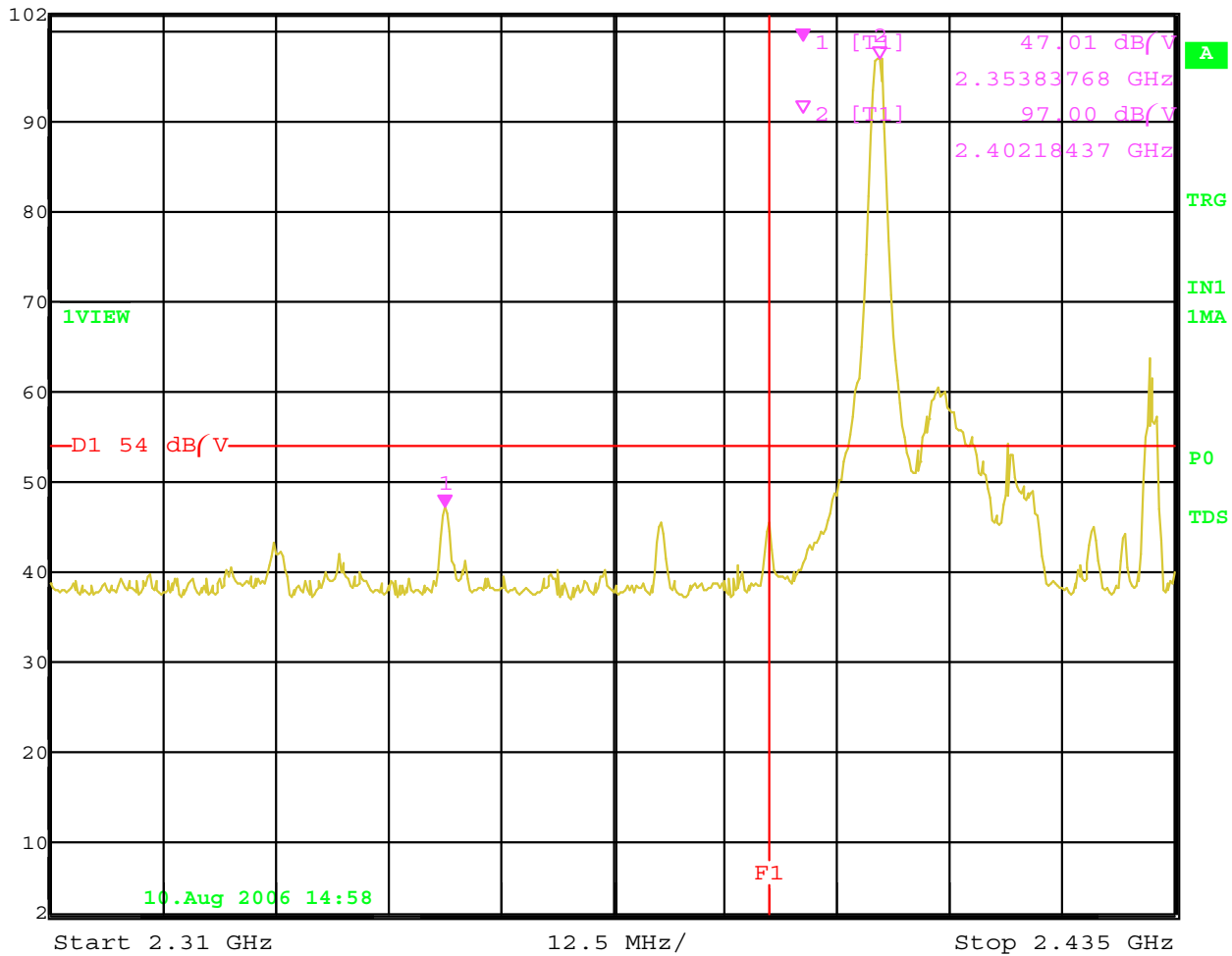


Date: 10.AUG.2006 15:06:04

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



Ref Lvl 102 dB/V
Marker 1 [T1] 47.01 dB/V
2.35383768 GHz
RBW 1 MHz
RF Att 10 dB
VBW 1 MHz
SWT 5 ms
Unit dB/V

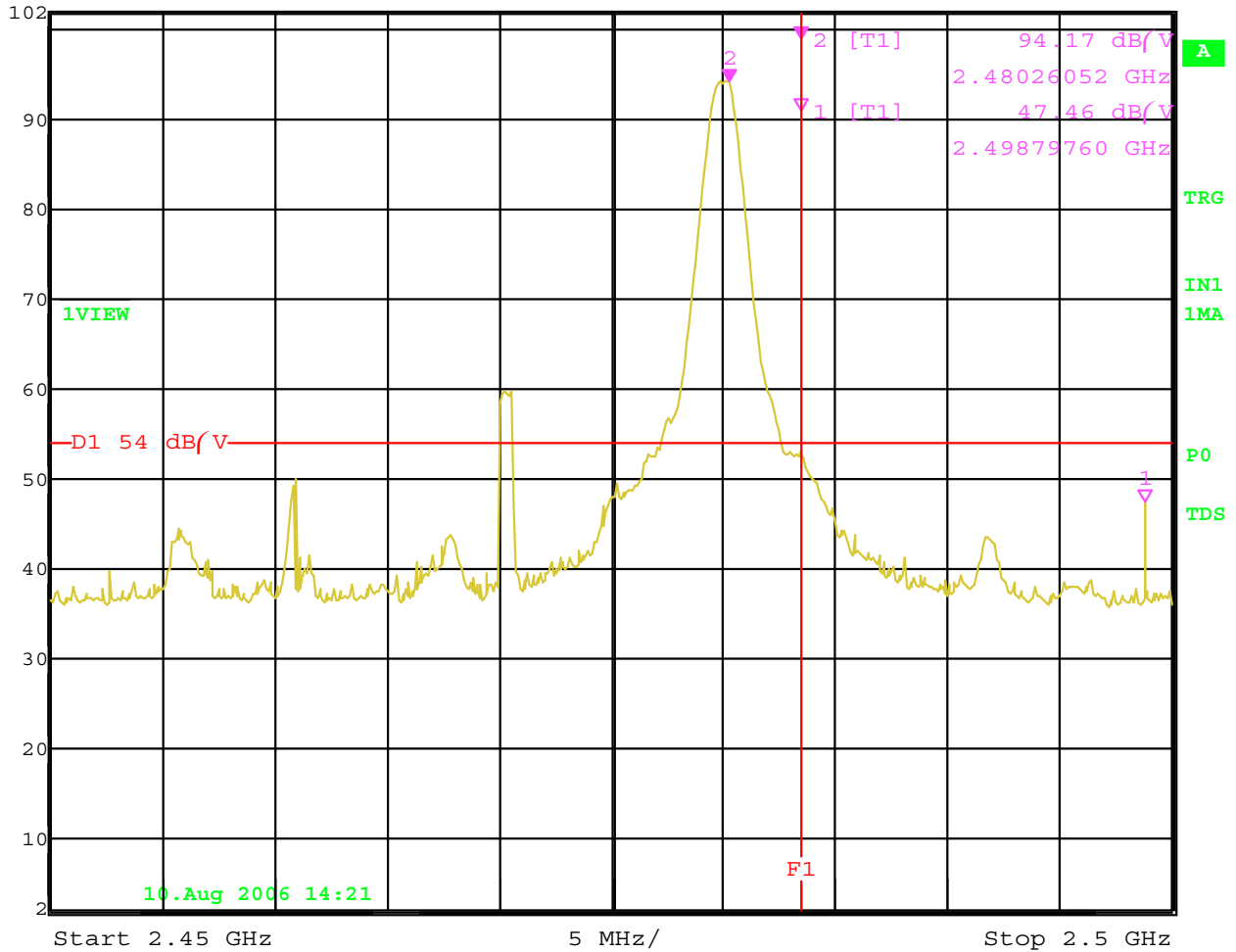


Date: 10.AUG.2006 14:58:19

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



Ref Lvl 102 dB/V
Marker 2 [T1] 94.17 dB/V
2.48026052 GHz
RBW 1 MHz
RF Att 10 dB
VBW 1 MHz
SWT 5 ms
Unit dB/V

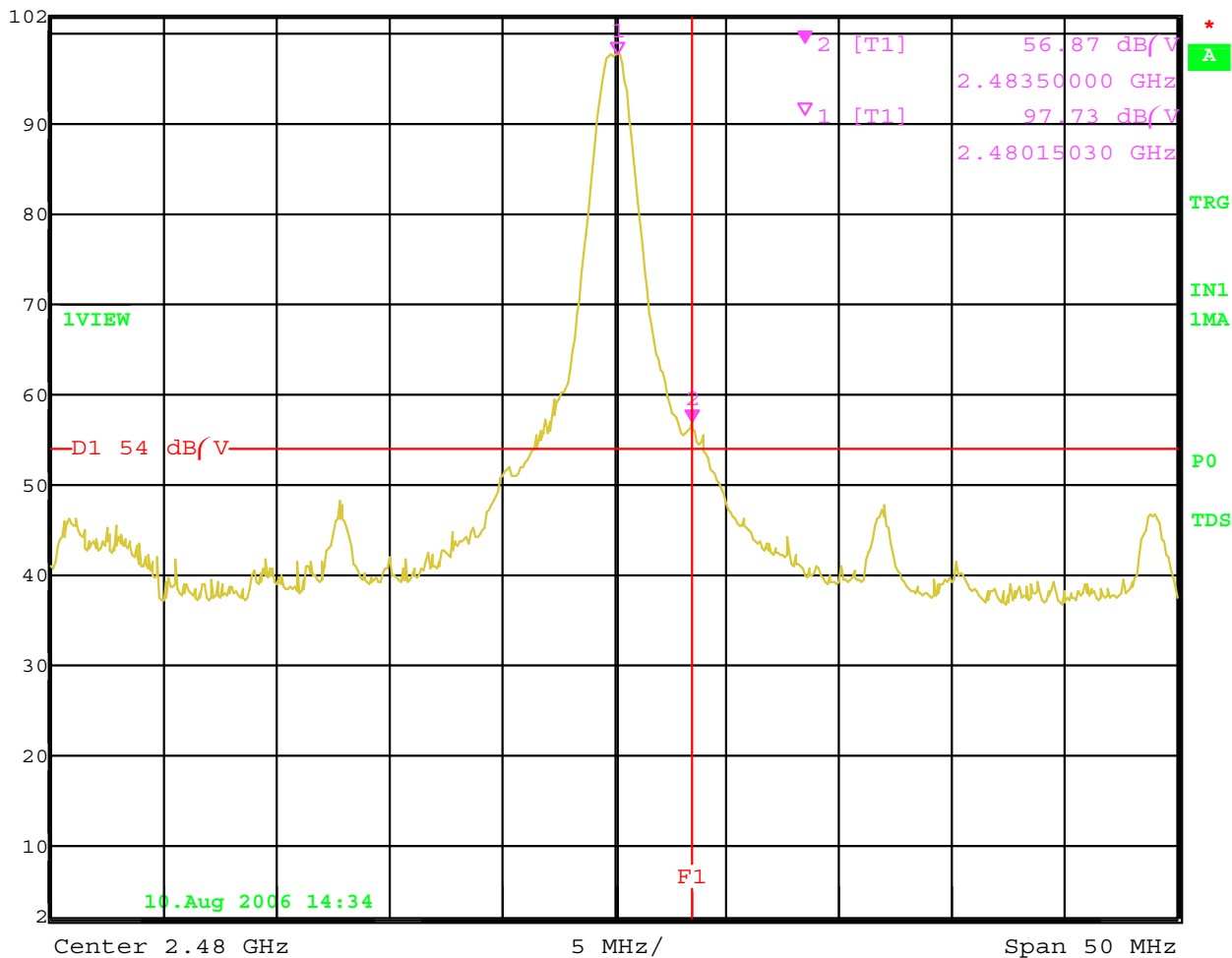


Date: 10.AUG.2006 14:21:19

Band Edge – High Channel – Vertical Polarization – Z-Axis (Worst Case)



Ref Lvl 102 dB/V
Marker 2 [T1] 56.87 dB/V
2.48350000 GHz
RBW 1 MHz
RF Att 10 dB
VBW 10 Hz
SWT 12.5 s
Unit dB/V

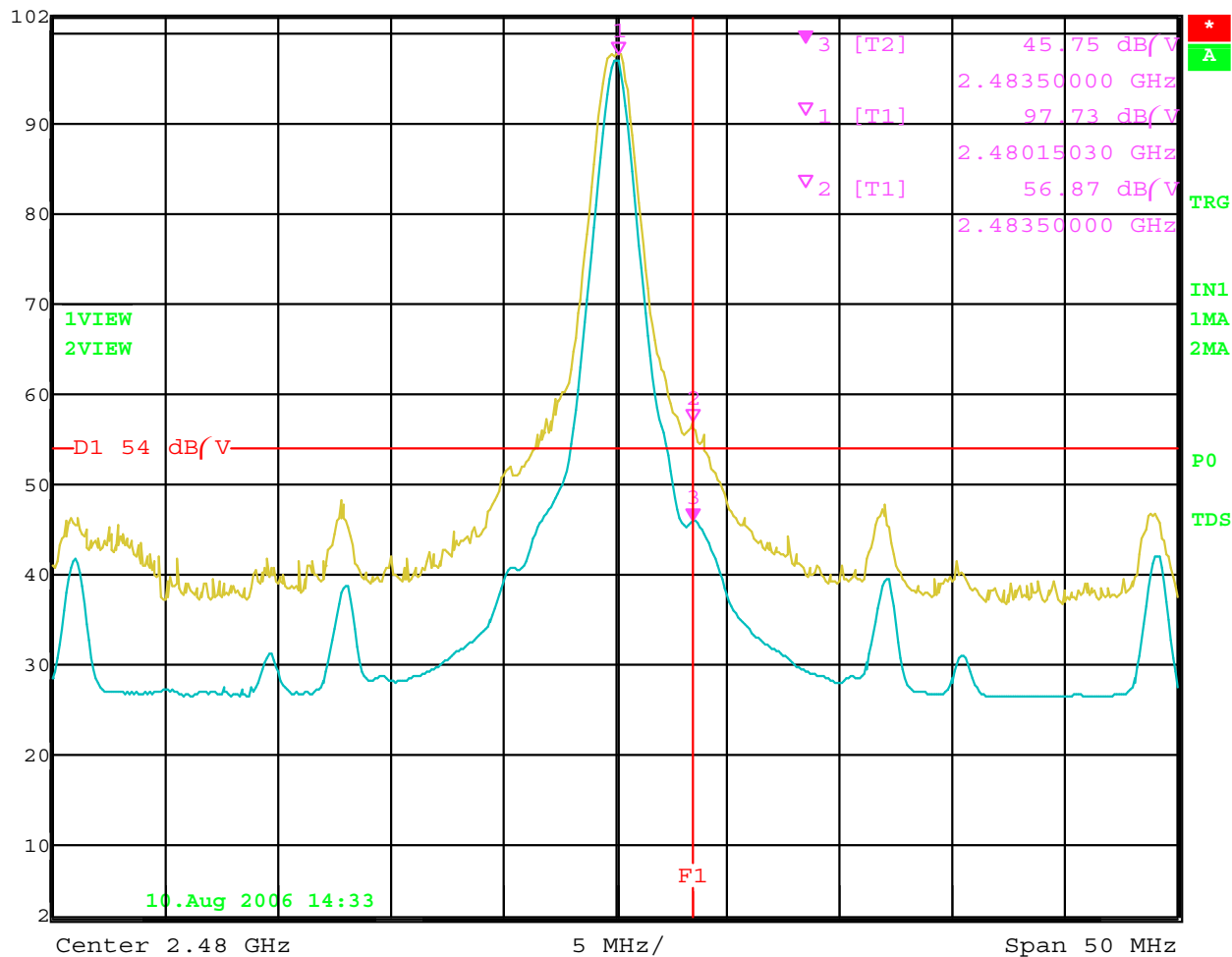


Date: 10.AUG.2006 14:34:27

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



Ref Lvl 102 dB/V
Marker 3 [T2] 45.75 dB/V
2.48350000 GHz
RBW 1 MHz
VBW 10 Hz
SWT 12.5 s
RF Att 10 dB
Unit dB/V



Date: 10.AUG.2006 14:34:01

Band Edge – Horizontal Polarization – High Channel – X-Axis (Worst Case) – In Case Pulsed Avg. Cannot be Used

CONDUCTED EMISIONS

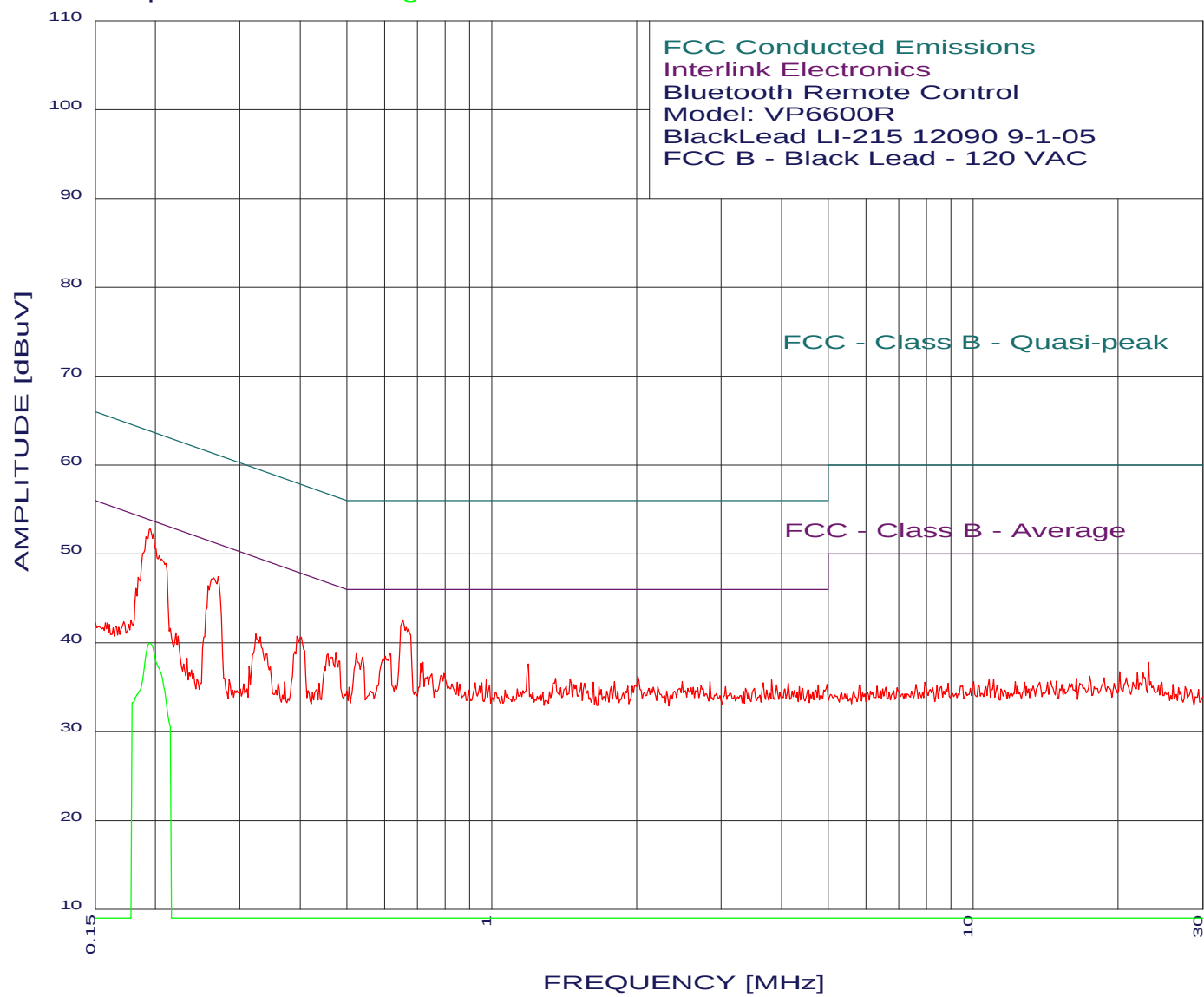
DATA SHEETS



COMPATIBLE
ELECTRONICS

EMISSION LEVEL [dBuV] PEAK
Graph for Peak & Average

8/15/2006 10:50:06





**COMPATIBLE
ELECTRONICS**

8/15/2006 10:50:06

Interlink Electronics
Bluetooth Remote Control
Model: VP6600R
FCC B - Black Lead - 120 VAC
TEST ENGINEER : Kyle Fujimoto

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

Peak criteria : 0.10 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.196	52.81	53.80	-0.99*
2	0.199	52.30	53.67	-1.36*
3	0.192	51.91	53.97	-2.06*
4	0.655	42.55	46.00	-3.45
5	0.204	49.80	53.44	-3.64
6	0.270	47.38	51.11	-3.73
7	0.265	47.28	51.29	-4.01
8	0.665	41.75	46.00	-4.25
9	0.672	41.55	46.00	-4.45
10	0.258	46.38	51.51	-5.12
11	0.184	47.31	54.28	-6.97*
12	0.524	38.84	46.00	-7.16
13	0.402	40.60	47.81	-7.21
14	0.618	38.75	46.00	-7.25
15	0.393	40.70	47.99	-7.29
16	0.474	38.93	46.45	-7.52
17	0.601	38.45	46.00	-7.55
18	0.538	38.34	46.00	-7.66
19	0.595	38.25	46.00	-7.75
20	0.457	38.72	46.76	-8.03
21	0.720	37.75	46.00	-8.25
22	0.466	38.33	46.58	-8.25
23	0.183	46.11	54.37	-8.25*
24	0.484	37.93	46.27	-8.34
25	0.713	37.65	46.00	-8.35
26	1.191	37.58	46.00	-8.42
27	0.324	40.97	49.62	-8.64
28	0.331	40.67	49.44	-8.76
29	0.389	39.00	48.08	-9.08
30	0.327	40.37	49.53	-9.15
31	0.796	36.56	46.00	-9.44
32	0.751	36.45	46.00	-9.55
33	0.449	37.32	46.89	-9.57
34	0.788	36.26	46.00	-9.74
35	2.013	36.22	46.00	-9.78
36	0.735	36.15	46.00	-9.85
37	1.359	35.99	46.00	-10.01
38	1.456	35.89	46.00	-10.11
39	3.820	35.78	46.00	-10.22
40	0.974	35.77	46.00	-10.23
41	1.800	35.61	46.00	-10.39

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

**COMPATIBLE
ELECTRONICS**

8/15/2006 10:50:06

Interlink Electronics
Bluetooth Remote Control
Model: VP6600R
FCC B - Black Lead - 120 VAC
TEST ENGINEER : Kyle Fujimoto

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

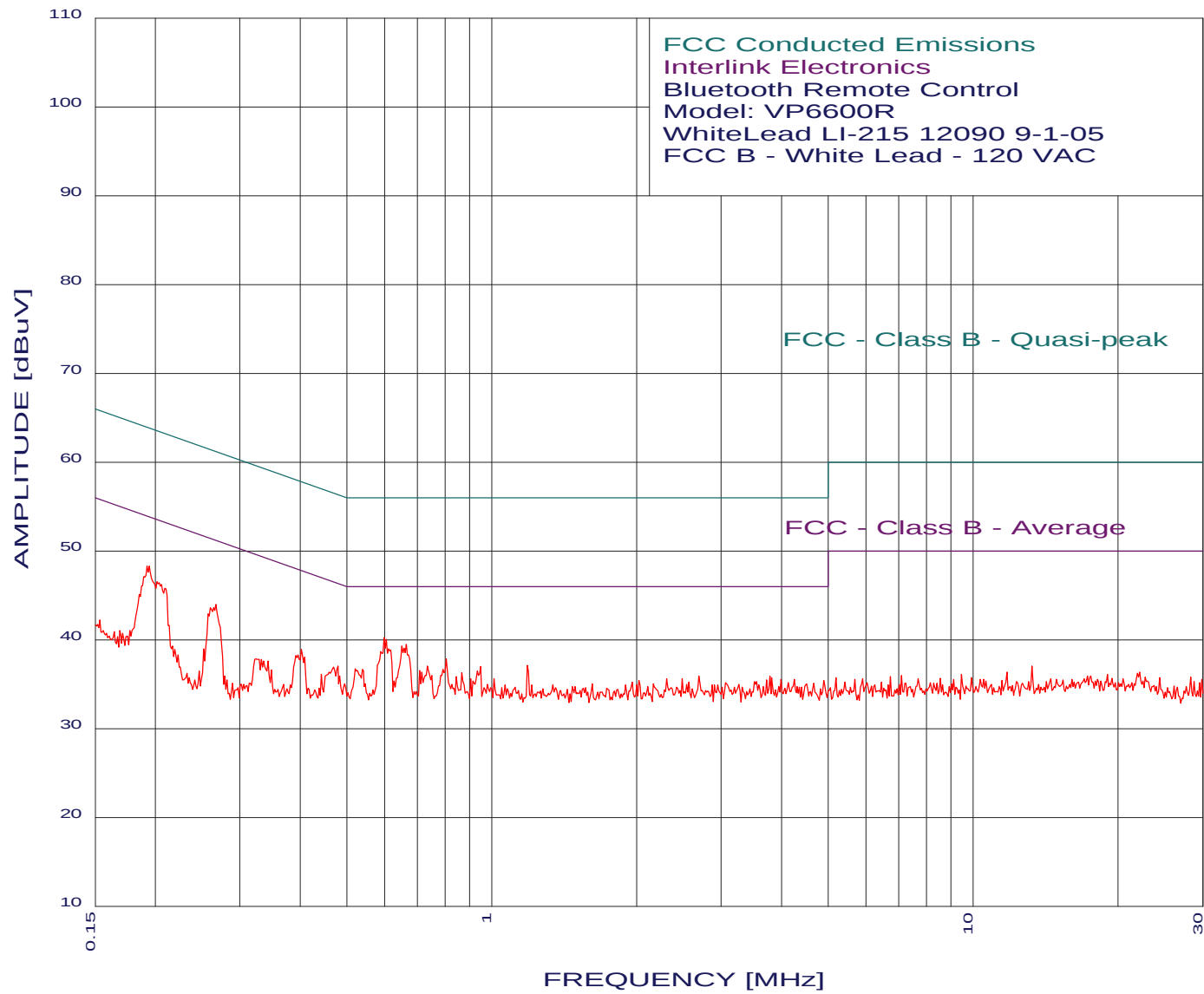
Peak criteria : 0.00 dB, Curve : Average

Peak# Freq(MHz) Amp(dBuV) Limit(dB) Delta(dB)

1	0.196	39.93	53.80	-13.87
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EMISSION LEVEL [dBuV] PEAK
Graph for Peak

8/15/2006 10:58:37



COMPATIBLE
ELECTRONICS



**COMPATIBLE
ELECTRONICS**

8/15/2006 10:58:37

Interlink Electronics
Bluetooth Remote Control
Model: VP6600R
FCC B - White Lead - 120 VAC
TEST ENGINEER : Kyle Fujimoto

42 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	0.193	48.31	53.93	-5.62
2	0.598	40.25	46.00	-5.75
3	0.605	40.05	46.00	-5.95
4	0.665	39.45	46.00	-6.55
5	0.267	43.98	51.20	-7.22
6	0.805	37.86	46.00	-8.14
7	0.402	38.90	47.81	-8.91
8	1.184	37.08	46.00	-8.92
9	0.735	37.06	46.00	-8.94
10	0.948	36.97	46.00	-9.03
11	0.521	36.74	46.00	-9.26
12	0.479	37.03	46.36	-9.33
13	0.538	36.64	46.00	-9.36
14	0.709	36.55	46.00	-9.45
15	0.716	36.35	46.00	-9.65
16	0.867	36.26	46.00	-9.74
17	3.781	35.90	46.00	-10.10
18	2.693	35.90	46.00	-10.10
19	0.844	35.86	46.00	-10.14
20	3.820	35.71	46.00	-10.29
21	2.488	35.58	46.00	-10.42
22	1.011	35.57	46.00	-10.43
23	0.904	35.57	46.00	-10.43
24	2.310	35.56	46.00	-10.44
25	4.249	35.54	46.00	-10.46
26	3.987	35.52	46.00	-10.48
27	3.722	35.50	46.00	-10.50
28	2.023	35.44	46.00	-10.56
29	4.902	35.38	46.00	-10.62
30	3.547	35.28	46.00	-10.72
31	1.960	35.23	46.00	-10.77
32	2.568	35.19	46.00	-10.81
33	3.059	35.13	46.00	-10.87
34	0.442	36.12	47.02	-10.90
35	4.672	35.07	46.00	-10.93
36	4.504	35.06	46.00	-10.94
37	2.168	35.05	46.00	-10.95
38	1.620	35.01	46.00	-10.99
39	0.979	34.97	46.00	-11.03
40	3.260	34.95	46.00	-11.05
41	0.494	35.04	46.09	-11.06
42	2.002	34.93	46.00	-11.07
