FCC Radio Test Report

FCC ID: RWO-RZ040224

This report concerns (check one): ☒**Original Grant** ☐**Class I Change** ☐**Class II Change**

Project No.	:	1706C193
Equipment	:	Wireless Gaming Headset
Test Model	:	RZ04-0224
Series Model	:	RZ04-0224XXXX-XXXX(X: Can be 0-1, A-Z)
Applicant	:	Razer Inc.
Address	:	201 3rd Street, Suite 900, San Francisco, CA 94103

Date of Receipt	:	Jun. 21, 2017
Date of Test	:	Jun. 21, 2017 ~ Aug. 01, 2017
Issued Date	:	Aug. 02, 2017
Tested by	:	BTL Inc.

Testing Engineer : Vitas Zhou
(Vitas Zhou)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

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TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1706C193	Original Issue.	Aug. 02, 2017

1. CERTIFICATION

Equipment	:	Wireless Gaming Headset
Brand Name	:	RAZER
Test Model	:	RZ04-0224
Series Model	:	RZ04-0224XXXX-XXXX(X: Can be 0-1, A-Z)
Applicant	:	Razer Inc.
Manufacturer	:	Razer (Asia-Pacific) Pte.,Ltd.
Address	:	514 Chai Chee Lane #07-01 ~ 06 Singapore 469029, Tel: +65 6505 2188
Factory	:	RAZER TECHNOLOGY AND DEVELOPMENT (SHENZHEN) CO., LTD
Address	:	East Wing, 3rd Floor, Block 2, Phase 1 of Vision Shenzhen Business Park Keji South Road, Hi-Tech Industrial Park, Shenzhen 518057, China
Date of Test	:	Jun. 21, 2017 ~ Aug. 01, 2017
Test Sample	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1706C193) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	

Note:

(1)" N/A" denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

The reported uncertainty of measurement y ± U, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	1.94

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz~30MHz	V	3.79
		9kHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.60
		200MHz ~ 1,000MHz	V	3.86
		200MHz ~ 1,000MHz	H	3.94
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless Gaming Headset	
Brand Name	RAZER	
Test Model	RZ04-0224	
Series Model	RZ04-0224XXXX-XXXX(X: Can be 0-1, A-Z)	
Model Difference	It is the same as the basic model and X is used to define which country it is for under the same family series.	
Power Source	#1 Supplied from USB port. #2 Supplied from battery.	
Power Rating	#1 DC 5V 500mA #2 DC 3.7V 1200mA	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	150Mbps
Average Output Power (Max.)	UNII-1	802.11a: -6.90dBm 802.11n (20M): -6.73dBm
	UNII-2A	802.11a: -6.33dBm 802.11n (20M): -6.44dBm
	UNII-2C	802.11a: -2.15dBm 802.11n (20M): -2.16dBm
	UNII-3	802.11a: -5.84dBm 802.11n (20M): -5.89dBm

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. Channel List:

UNII-1	
Channel	Frequency (MHz)
36	5180
40	5200
44	5220
48	5240

UNII-2A	
Channel	Frequency (MHz)
52	5260
56	5280
60	5300
64	5320

UNII-2C	
Channel	Frequency (MHz)
100	5500
104	5520
108	5540
112	5560
116	5580
132	5660
136	5680
140	5700

UNII-3	
Channel	Frequency (MHz)
149	5745
153	5765
157	5785
161	5805
165	5825

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Chip	N/A	1.41

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 4	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 6	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 9	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 4	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 6	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)

Note:
(1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

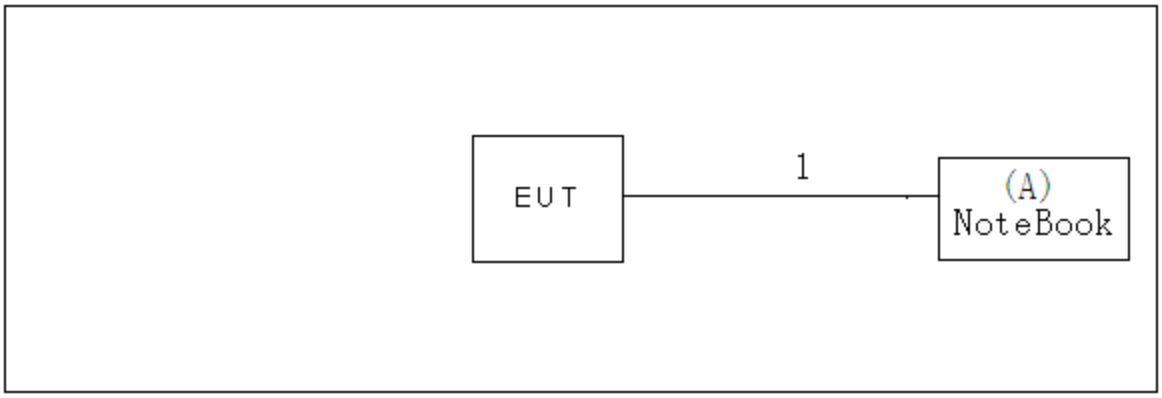
UNII-1			
Test Software Version	artgui.exe		
Frequency (MHz)	5180	5200	5240
A Mode	68	68	67
Frequency (MHz)	5180	5200	5240
N20 Mode	69	69	67

UNII-2A			
Test Software Version	artgui.exe		
Frequency (MHz)	5260	5300	5320
A Mode	66	65	64
Frequency (MHz)	5260	5300	5320
N20 Mode	66	65	64

UNII-2C			
Test Software Version	artgui.exe		
Frequency (MHz)	5500	5580	5700
A Mode	65	79	93
Frequency (MHz)	5500	5580	5700
N20 Mode	66	79	93

UNII-3			
Test Software Version	artgui.exe		
Frequency (MHz)	5745	5785	5825
A Mode	62	64	66
Frequency (MHz)	5745	5785	5825
N20 Mode	62	64	66

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	INSPIRON 1420	DOC	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	USB Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150kHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

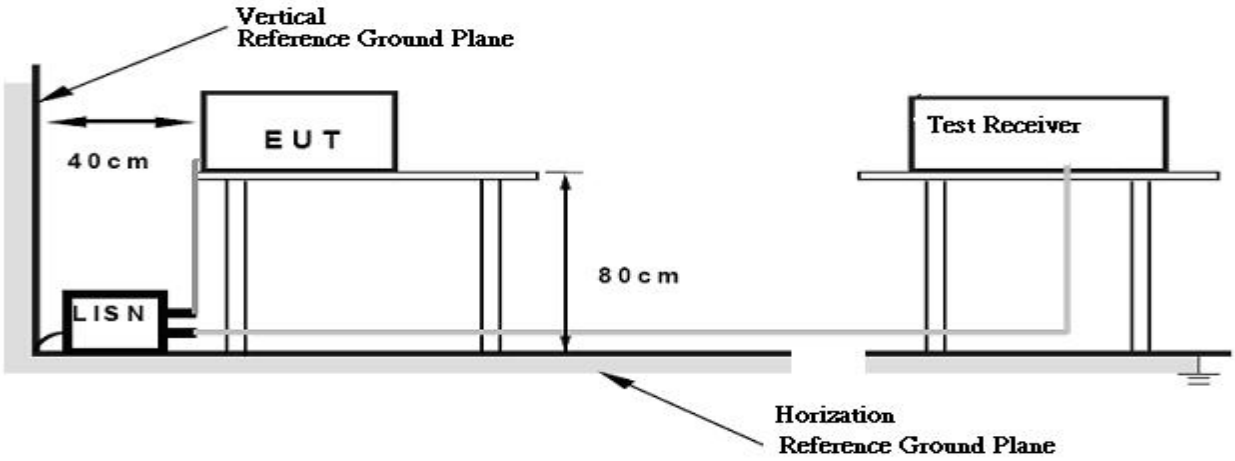
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX Mode mode.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(2) Measuring frequency range from 150kHz to 30MHz。

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

2. According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

4.2.2 TEST PROCEDURE

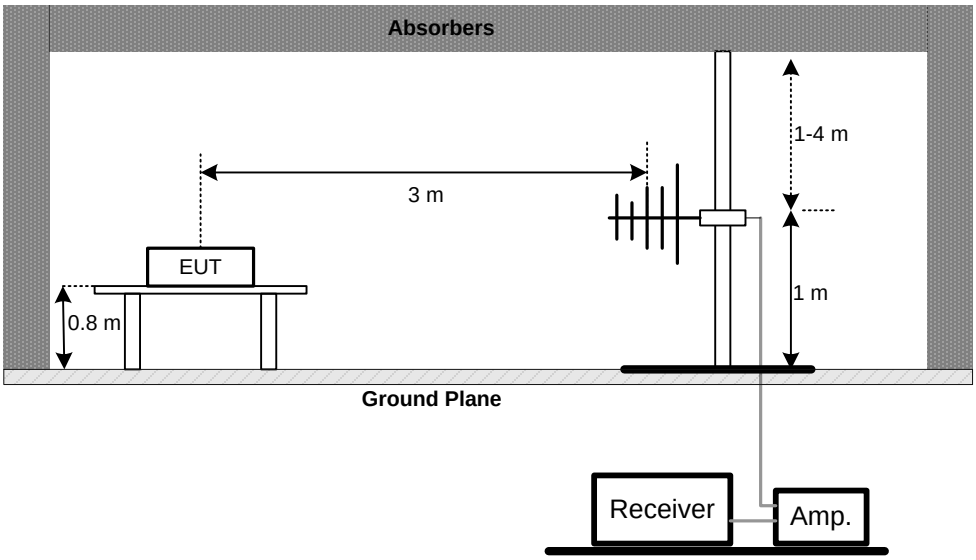
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

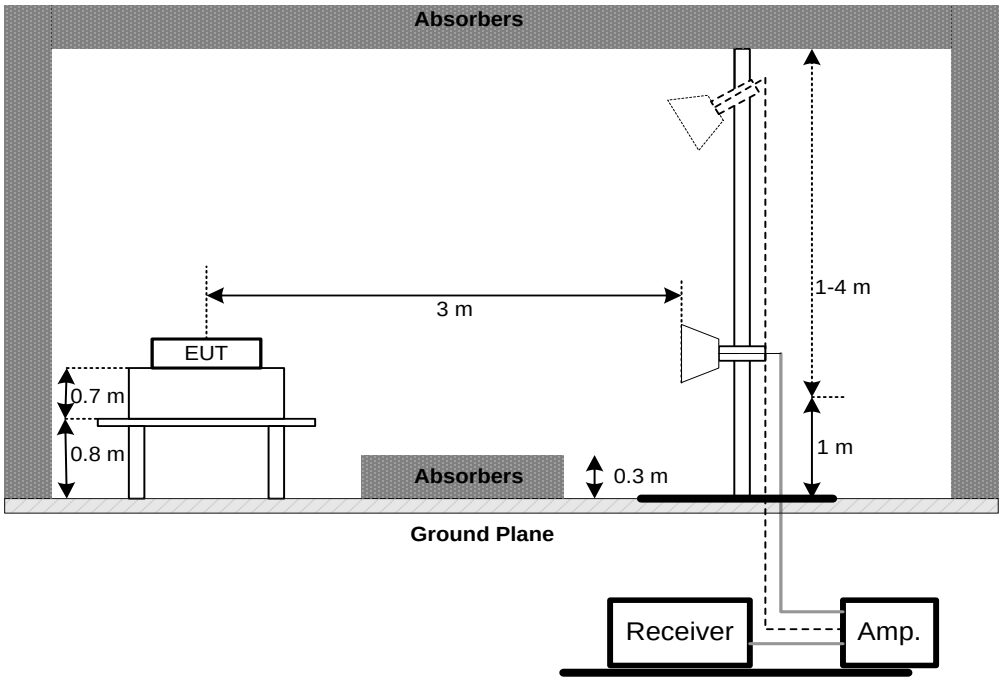
No deviation

4.2.4 TEST SETUP

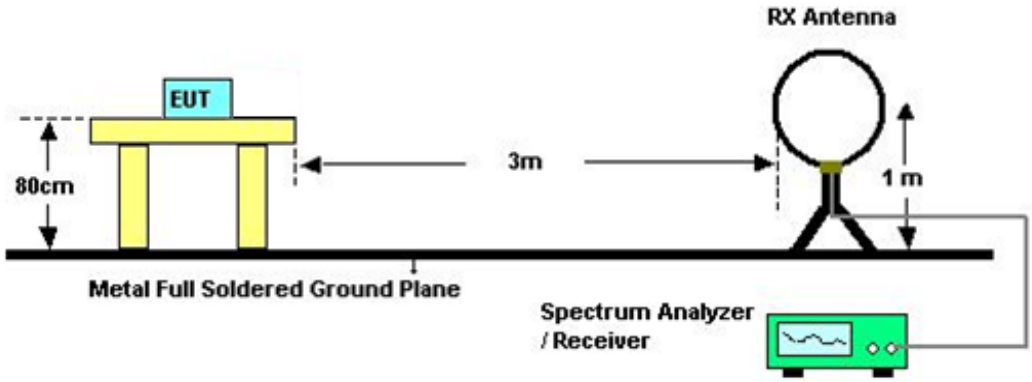
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

(1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
(2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
(3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	PASS
	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26dB below carrier

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP

5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	PASS
	1 Watt (30dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,

b.

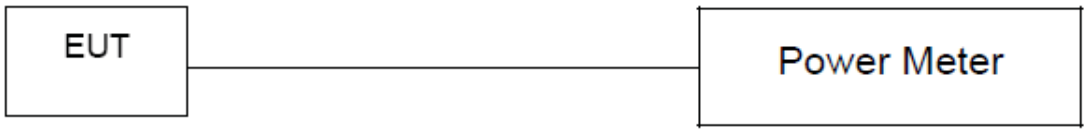
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

c. Test was performed in accordance with method of KDB 789033 D02.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	11dBm/MHz	5250-5350	PASS
	11dBm/MHz	5470-5725	PASS
	30dBm/500kHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

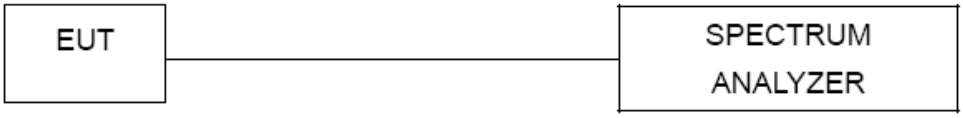
Note:

1. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.4 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5250-5350	PASS
		5470-5725	PASS
		5725-5850	PASS

8.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

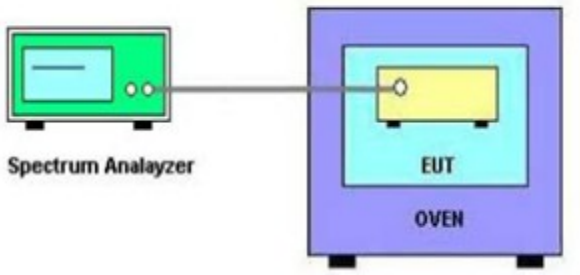
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -20°C~55°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Cable	emci	RG223(9KHz-30 MHz)(5m)	N/A	Mar. 07, 2018
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Oct. 20, 2017
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
4	Cable	emci	LMR-400(30MHz-1GHz) (8m+5m)	N/A	Jun. 26, 2018
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 26, 2018
8	Amplifier	Agilent	8449B	3008A02274	Feb. 22, 2018
9	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 26, 2018
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 22, 2018
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 06, 2017
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 26, 2018
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 26, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017

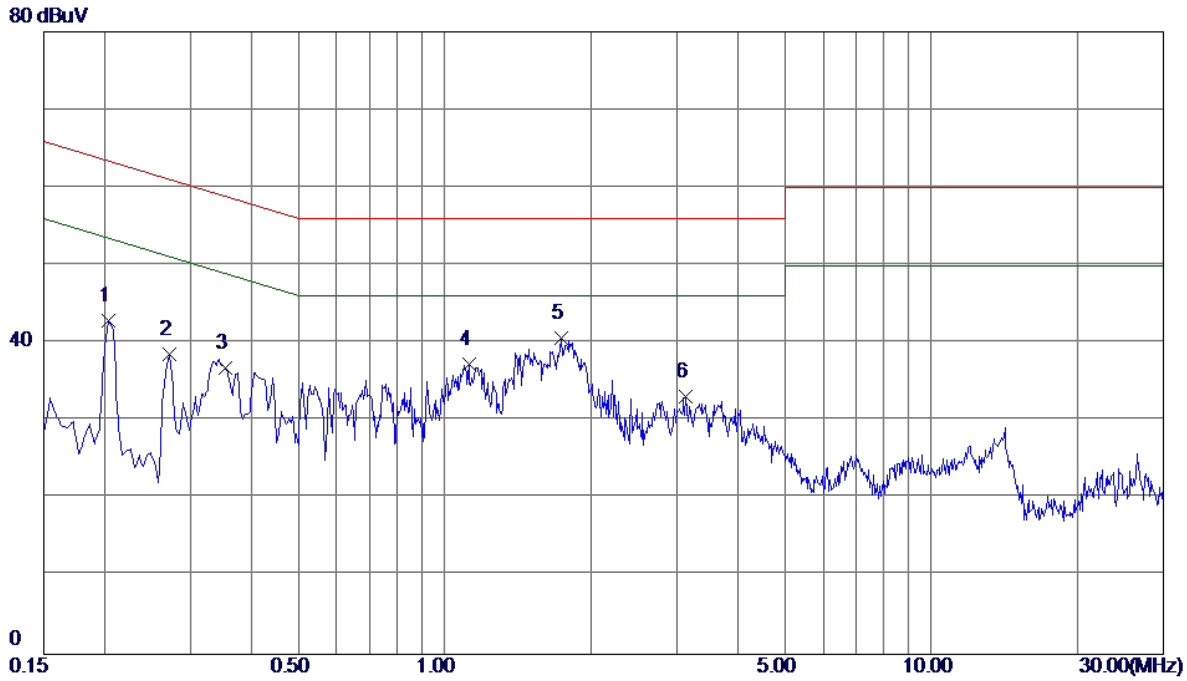
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 21, 2018

Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX Mode

Line

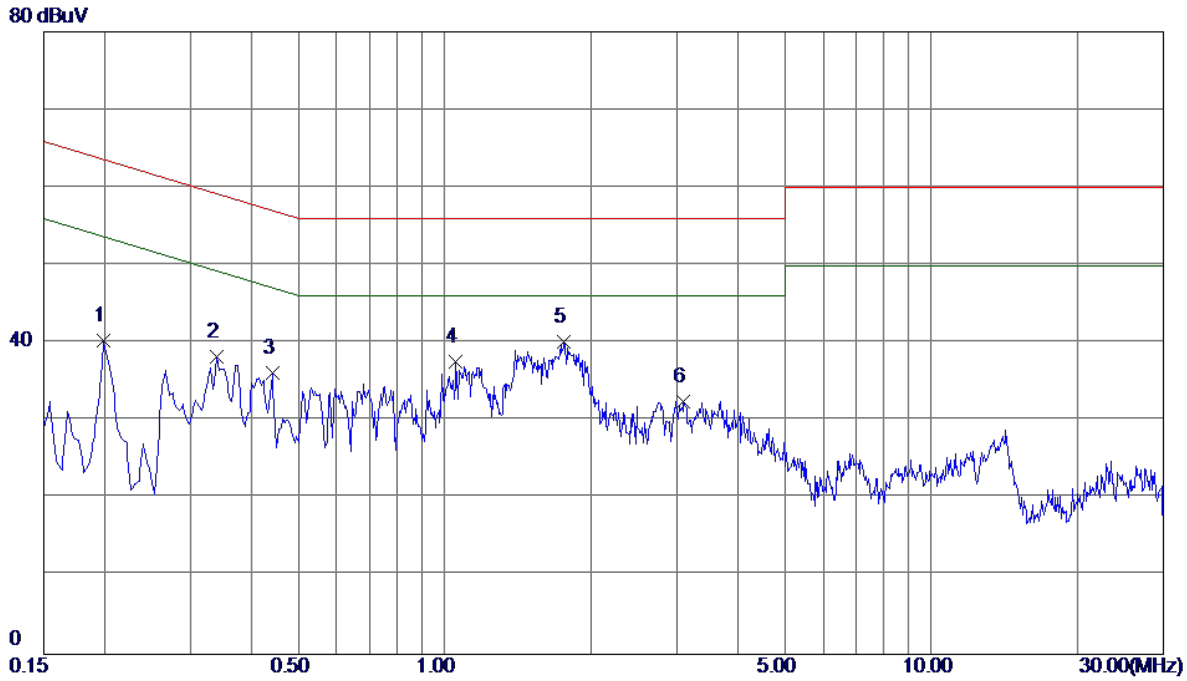


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.2040	33.15	9.76	42.91	63.45	-20.54	Peak	
2	0.2714	28.80	9.76	38.56	61.07	-22.51	Peak	
3	0.3539	27.04	9.79	36.83	58.87	-22.04	Peak	
4	1.1220	27.42	9.86	37.28	56.00	-18.72	Peak	
5 *	1.7385	30.78	9.91	40.69	56.00	-15.31	Peak	
6	3.1335	23.06	10.00	33.06	56.00	-22.94	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX Mode

Neutral



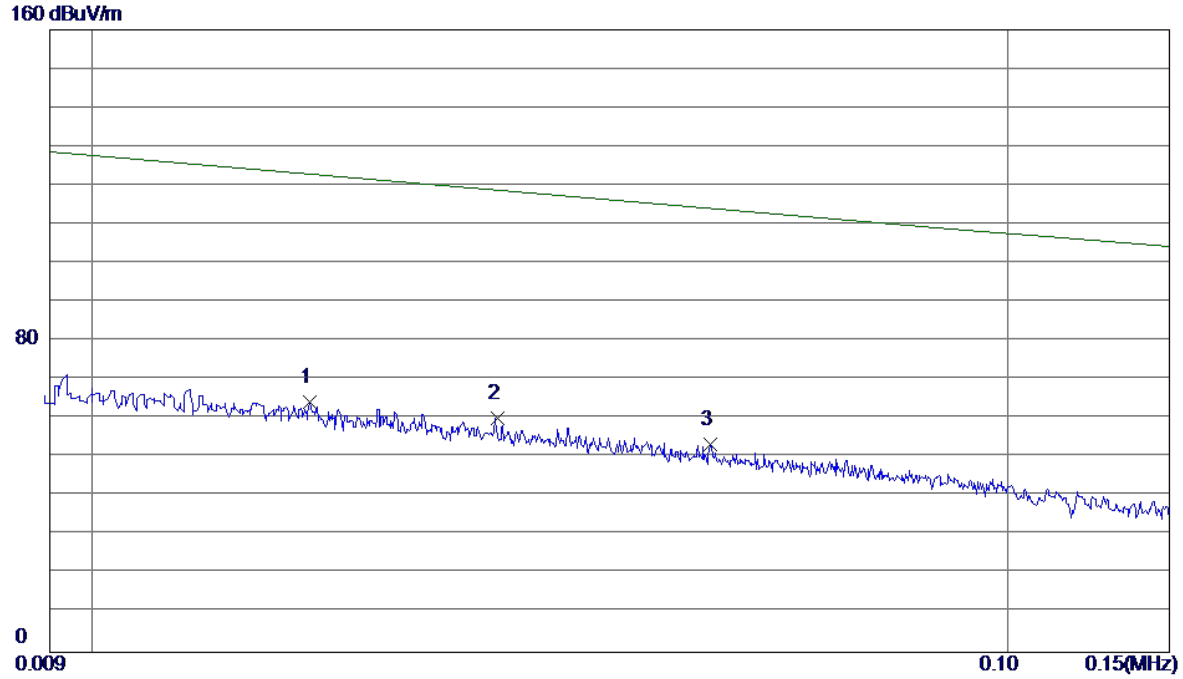
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1995	30.62	9.69	40.31	63.63	-23.32	Peak	
2	0.3390	28.57	9.69	38.26	59.23	-20.97	Peak	
3	0.4425	26.48	9.69	36.17	57.01	-20.84	Peak	
4	1.0544	27.82	9.75	37.57	56.00	-18.43	Peak	
5 *	1.7610	30.40	9.82	40.22	56.00	-15.78	Peak	
6	3.0975	22.64	9.90	32.54	56.00	-23.46	Peak	

Note：The test result has included the cable loss.

APPENDIX B - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode:	TX Mode

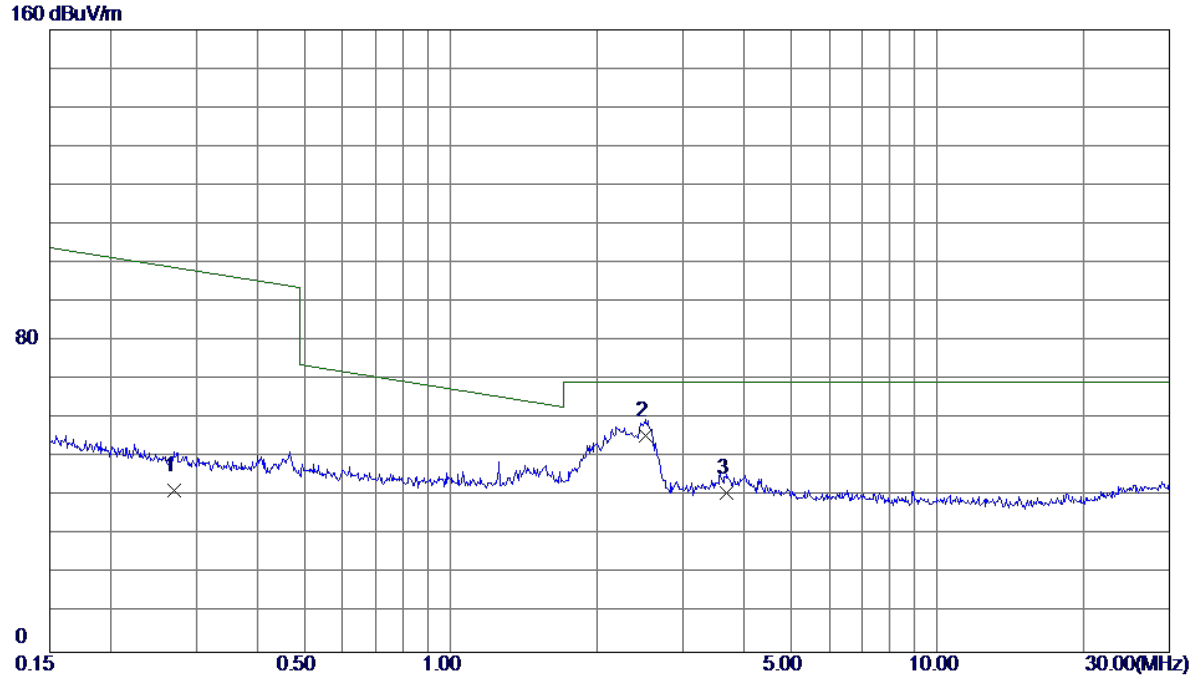
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0173	44.35	19.97	64.32	126.45	-62.13	AVG	
2	0.0277	40.69	19.39	60.08	123.88	-63.80	AVG	
3	0.0473	34.58	18.81	53.39	119.04	-65.65	AVG	

Test Mode:	TX Mode

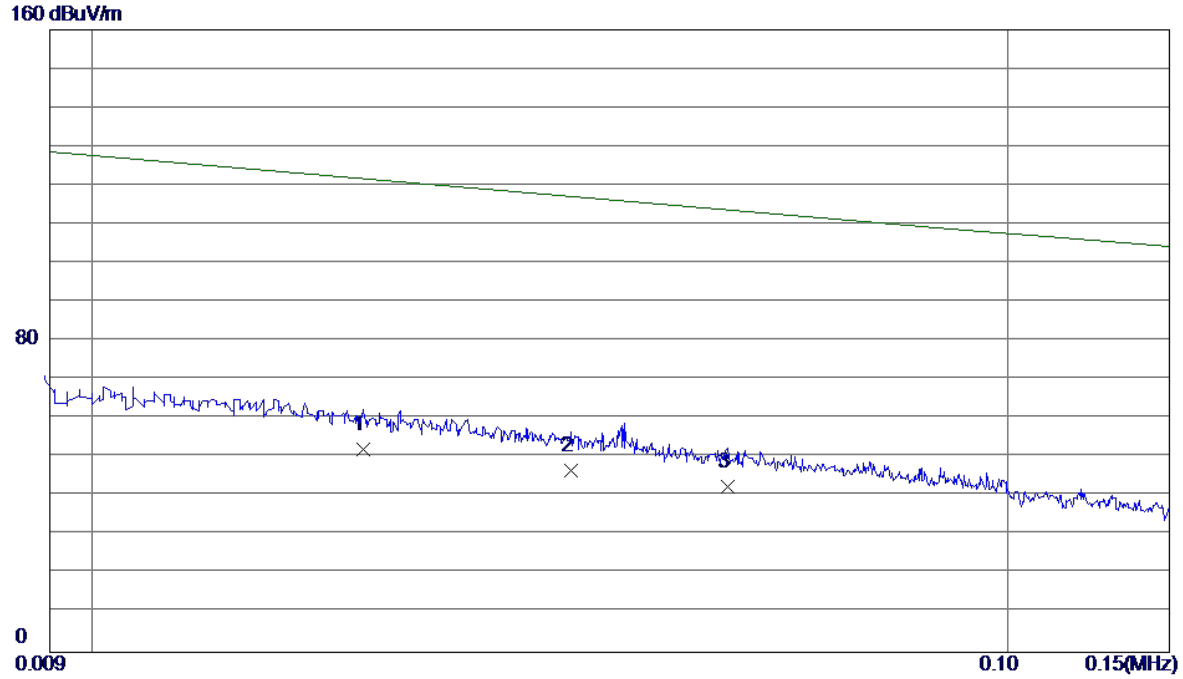
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.2700	24.89	16.64	41.53	101.31	-59.78	AVG	
2 *	2.5132	40.32	15.37	55.69	69.54	-13.85	QP	
3	3.6806	25.77	15.04	40.81	69.54	-28.73	QP	

Test Mode:	TX Mode

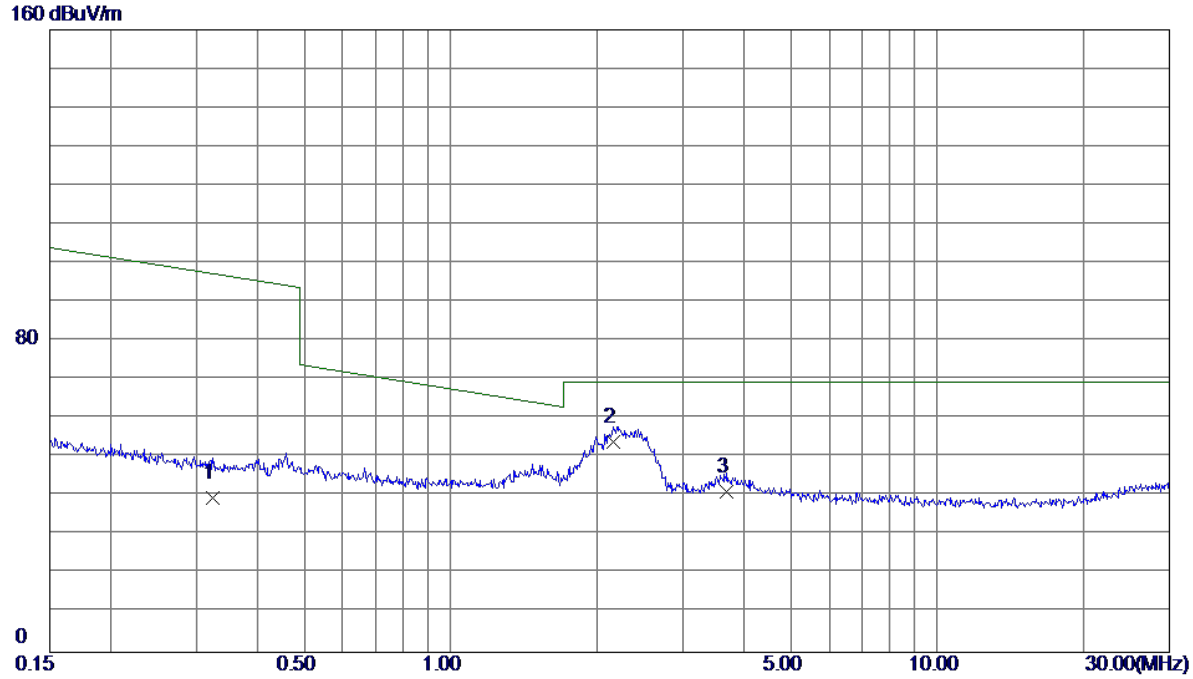
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0198	32.63	19.65	52.28	125.83	-73.55	AVG	
2	0.0334	27.43	19.22	46.65	122.47	-75.82	AVG	
3	0.0495	23.78	18.74	42.52	118.50	-75.98	AVG	

Test Mode:	TX Mode

Ant 90°

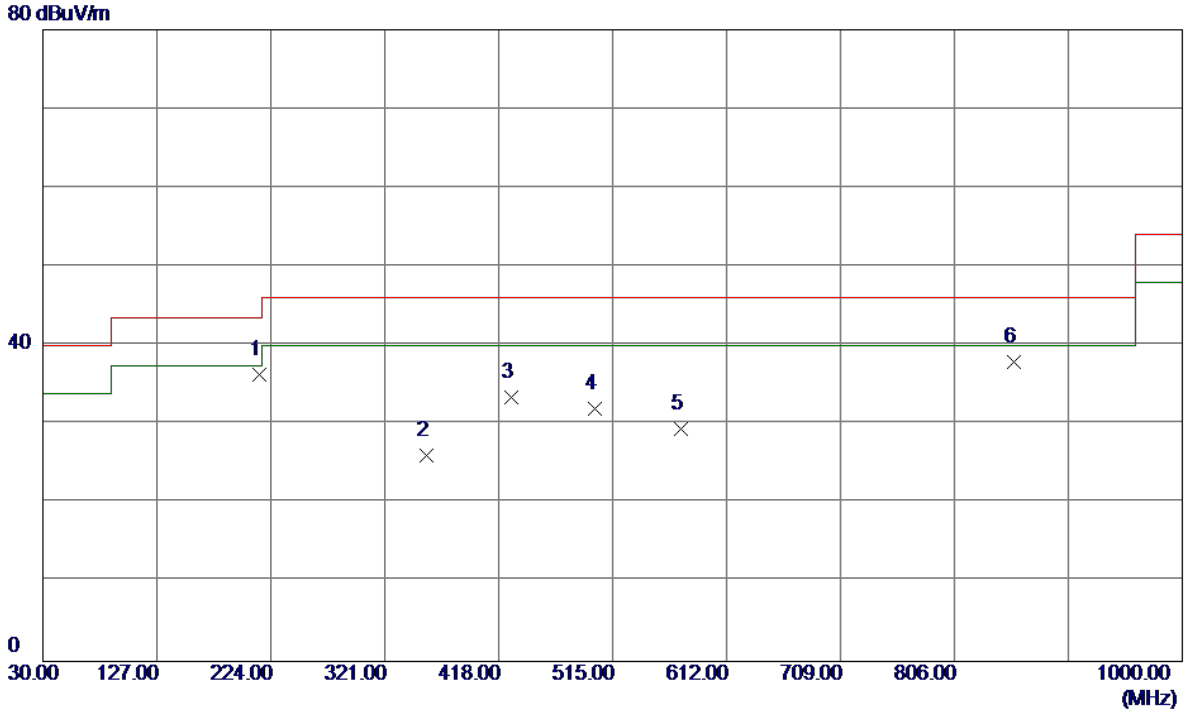


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.3251	23.22	16.60	39.82	99.43	-59.61	AVG	
2 *	2.1552	38.60	15.47	54.07	69.54	-15.47	QP	
3	3.6806	26.11	15.04	41.15	69.54	-28.39	QP	

APPENDIX C - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Mode:	UNII-1/TX A Mode 5180MHz

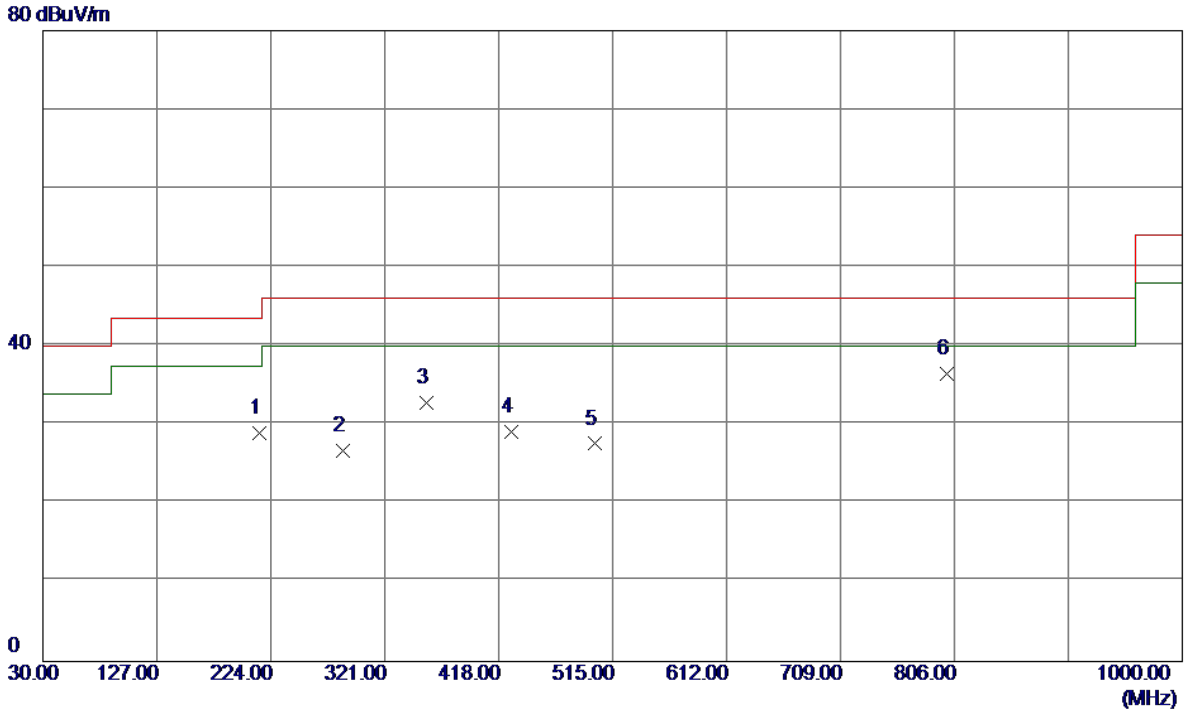
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	214.3000	50.23	-13.95	36.28	43.50	-7.22	Peak	
2	356.8900	38.02	-11.87	26.15	46.00	-19.85	Peak	
3	428.6700	44.05	-10.55	33.50	46.00	-12.50	Peak	
4	499.4800	40.71	-8.73	31.98	46.00	-14.02	Peak	
5	573.2000	36.59	-7.11	29.48	46.00	-16.52	Peak	
6	856.4400	37.78	0.13	37.91	46.00	-8.09	Peak	

Test Mode:	UNII-1/TX A Mode 5180MHz

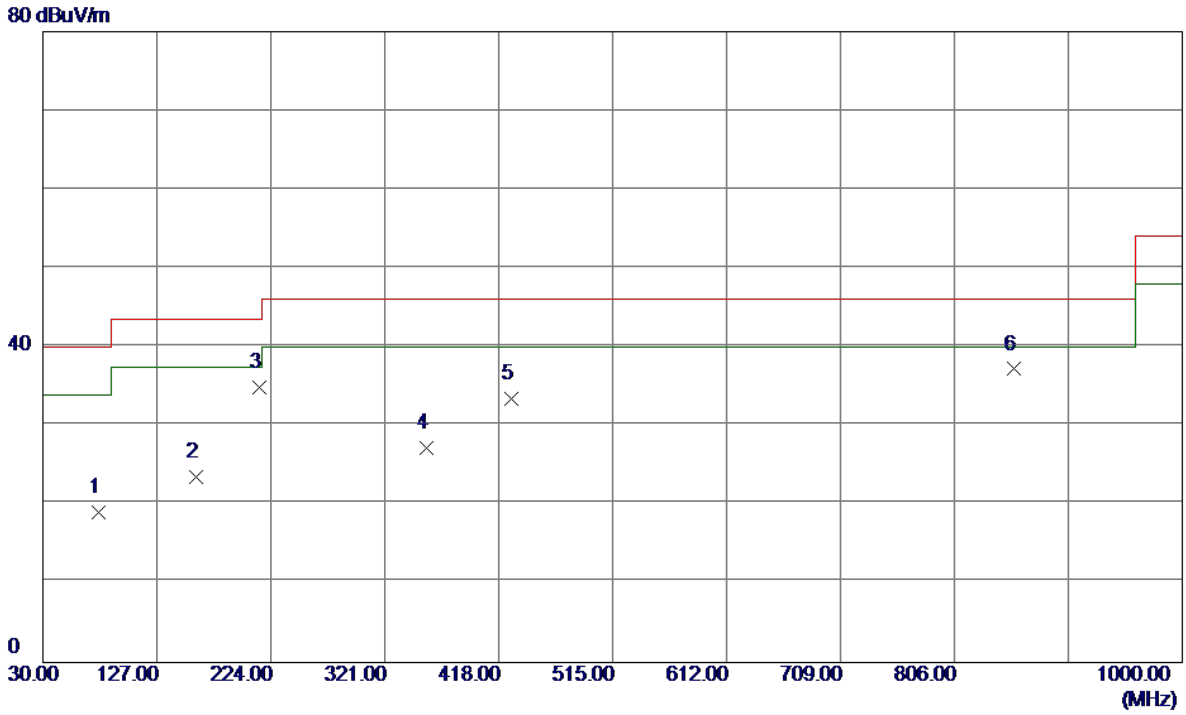
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	42.89	-13.95	28.94	43.50	-14.56	Peak	
2	285.1099	41.24	-14.48	26.76	46.00	-19.24	Peak	
3	356.8900	44.66	-11.87	32.79	46.00	-13.21	Peak	
4	428.6700	39.60	-10.55	29.05	46.00	-16.95	Peak	
5	499.4800	36.33	-8.73	27.60	46.00	-18.40	Peak	
6 *	799.2100	37.86	-1.38	36.48	46.00	-9.52	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz

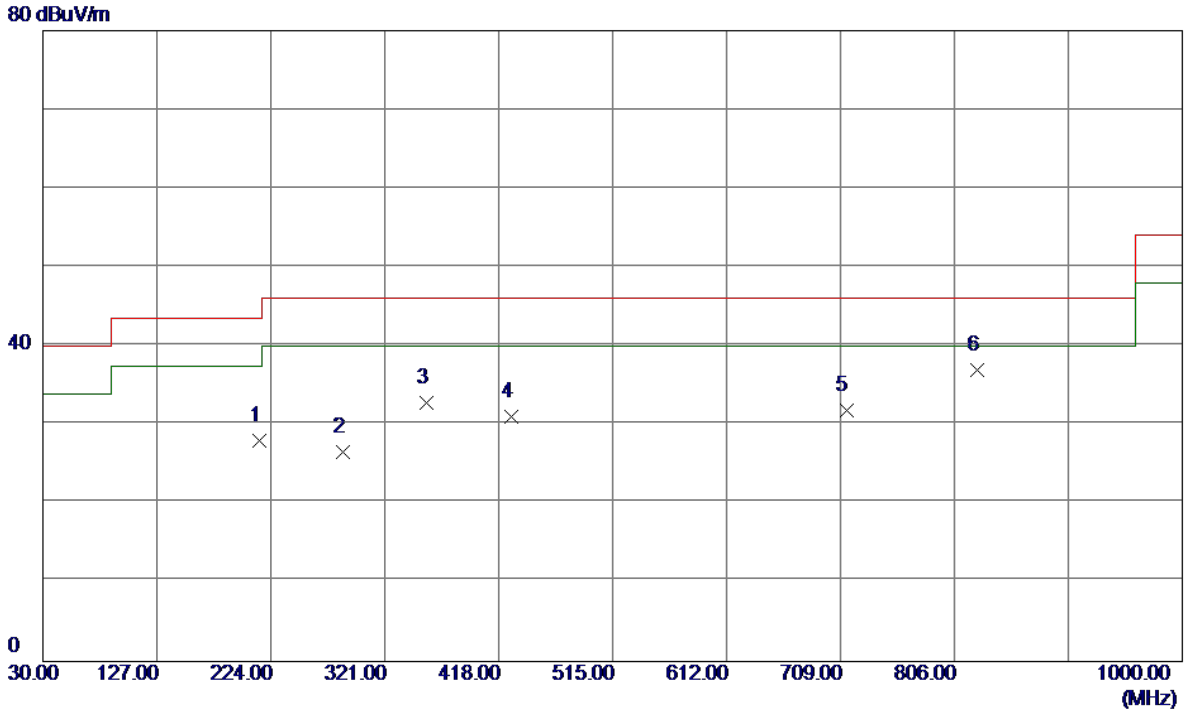
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	77.5300	36.72	-17.67	19.05	40.00	-20.95	Peak	
2	159.9800	36.51	-12.93	23.58	43.50	-19.92	Peak	
3 *	214.3000	48.88	-13.95	34.93	43.50	-8.57	Peak	
4	356.8900	39.01	-11.87	27.14	46.00	-18.86	Peak	
5	428.6700	43.96	-10.55	33.41	46.00	-12.59	Peak	
6	856.4400	37.07	0.13	37.20	46.00	-8.80	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz

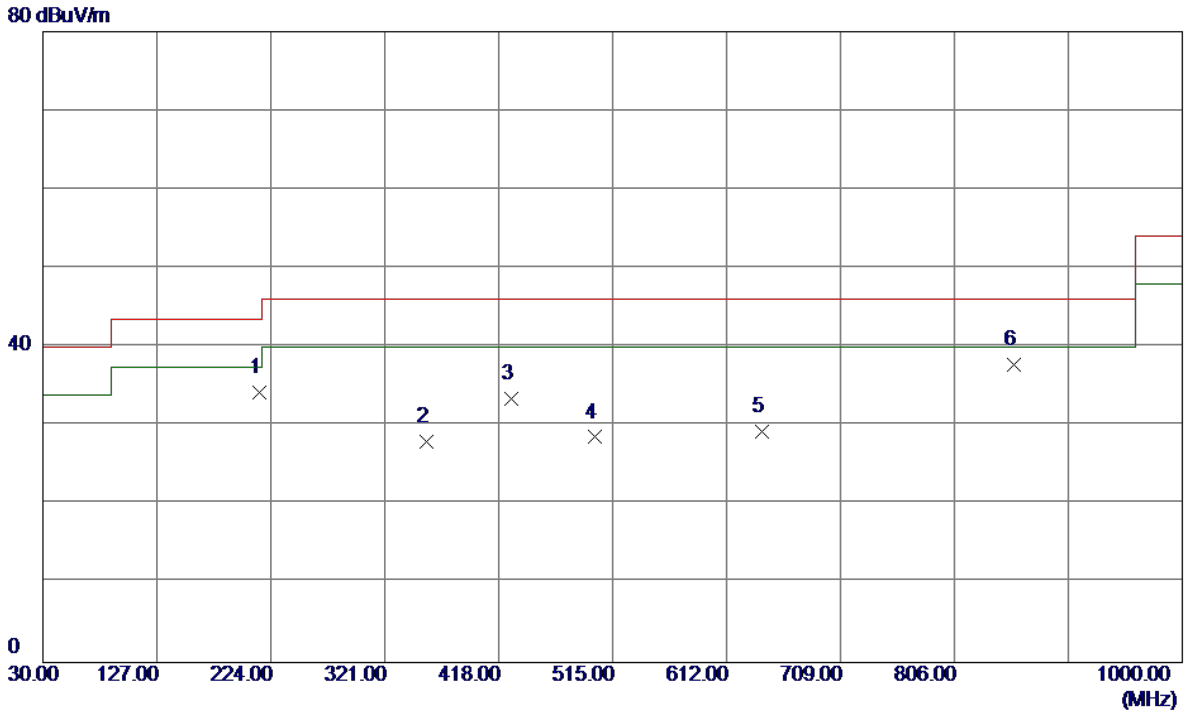
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	41.97	-13.95	28.02	43.50	-15.48	Peak	
2	285.1099	41.09	-14.48	26.61	46.00	-19.39	Peak	
3	356.8900	44.67	-11.87	32.80	46.00	-13.20	Peak	
4	428.6700	41.65	-10.55	31.10	46.00	-14.90	Peak	
5	713.8500	35.31	-3.53	31.78	46.00	-14.22	Peak	
6 *	825.4000	37.69	-0.67	37.02	46.00	-8.98	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz

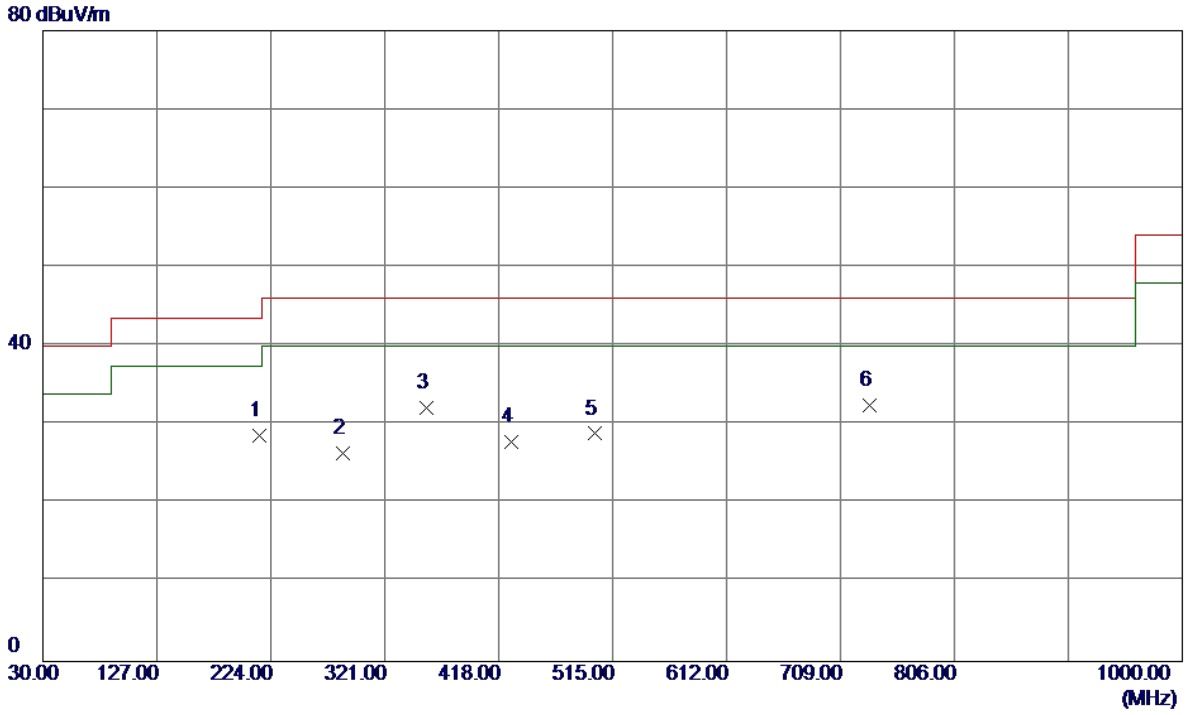
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	48.26	-13.95	34.31	43.50	-9.19	Peak	
2	356.8900	39.89	-11.87	28.02	46.00	-17.98	Peak	
3	428.6700	44.01	-10.55	33.46	46.00	-12.54	Peak	
4	499.4800	37.29	-8.73	28.56	46.00	-17.44	Peak	
5	642.0700	34.85	-5.62	29.23	46.00	-16.77	Peak	
6 *	856.4400	37.67	0.13	37.80	46.00	-8.20	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz

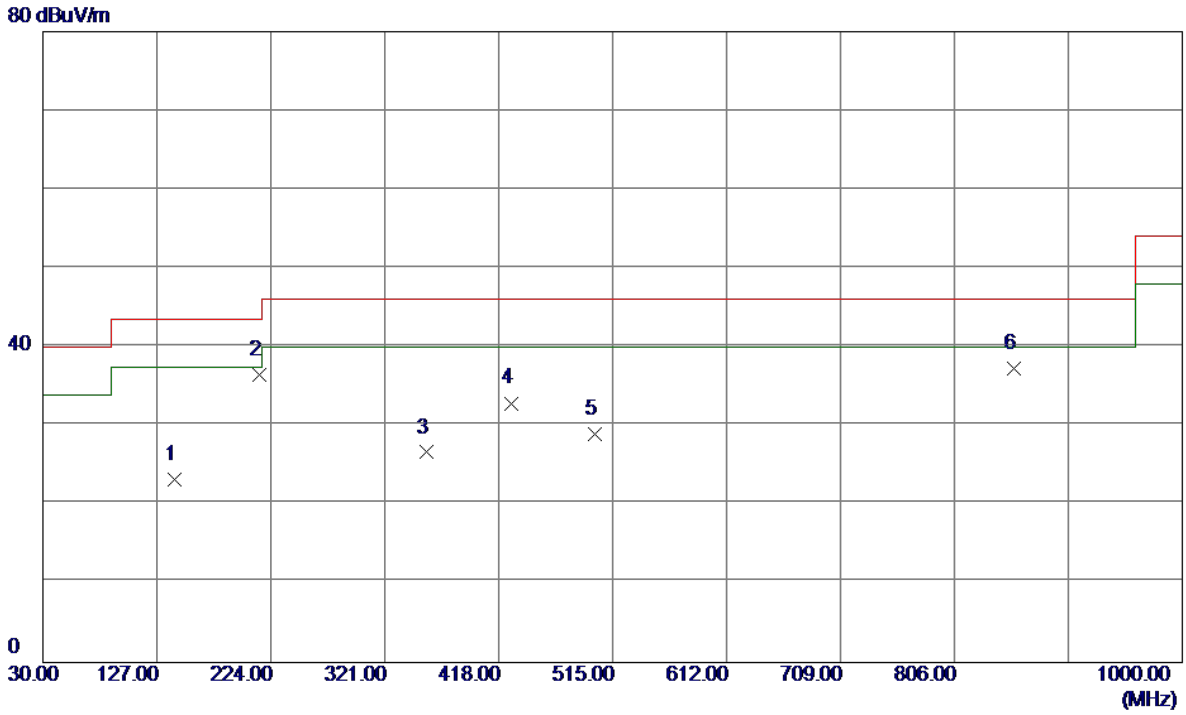
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	42.66	-13.95	28.71	43.50	-14.79	Peak	
2	285.1099	40.87	-14.48	26.39	46.00	-19.61	Peak	
3	356.8900	44.00	-11.87	32.13	46.00	-13.87	Peak	
4	428.6700	38.33	-10.55	27.78	46.00	-18.22	Peak	
5	499.4800	37.61	-8.73	28.88	46.00	-17.12	Peak	
6 *	734.2199	35.37	-2.92	32.45	46.00	-13.55	Peak	

Test Mode:	UNII-2A/TX A Mode 5260MHz

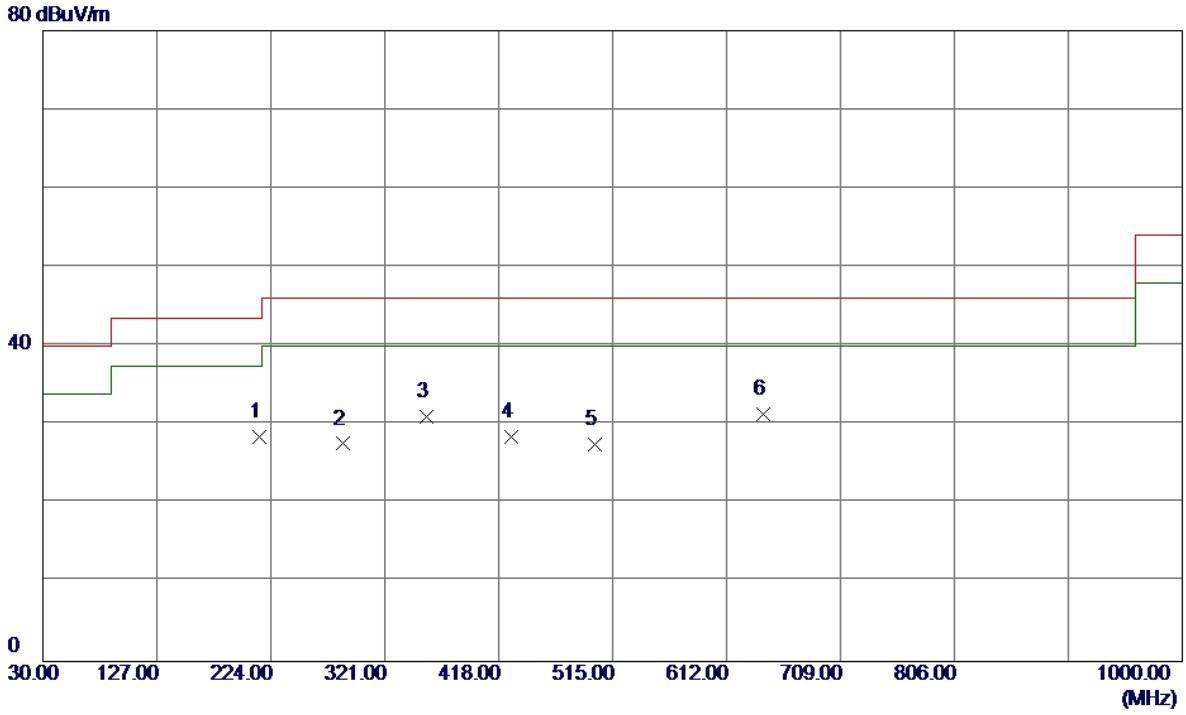
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	142.5200	37.19	-14.04	23.15	43.50	-20.35	Peak	
2 *	214.3000	50.41	-13.95	36.46	43.50	-7.04	Peak	
3	356.8900	38.51	-11.87	26.64	46.00	-19.36	Peak	
4	428.6700	43.43	-10.55	32.88	46.00	-13.12	Peak	
5	499.4800	37.75	-8.73	29.02	46.00	-16.98	Peak	
6	856.4400	37.10	0.13	37.23	46.00	-8.77	Peak	

Test Mode:	UNII-2A/TX A Mode 5260MHz

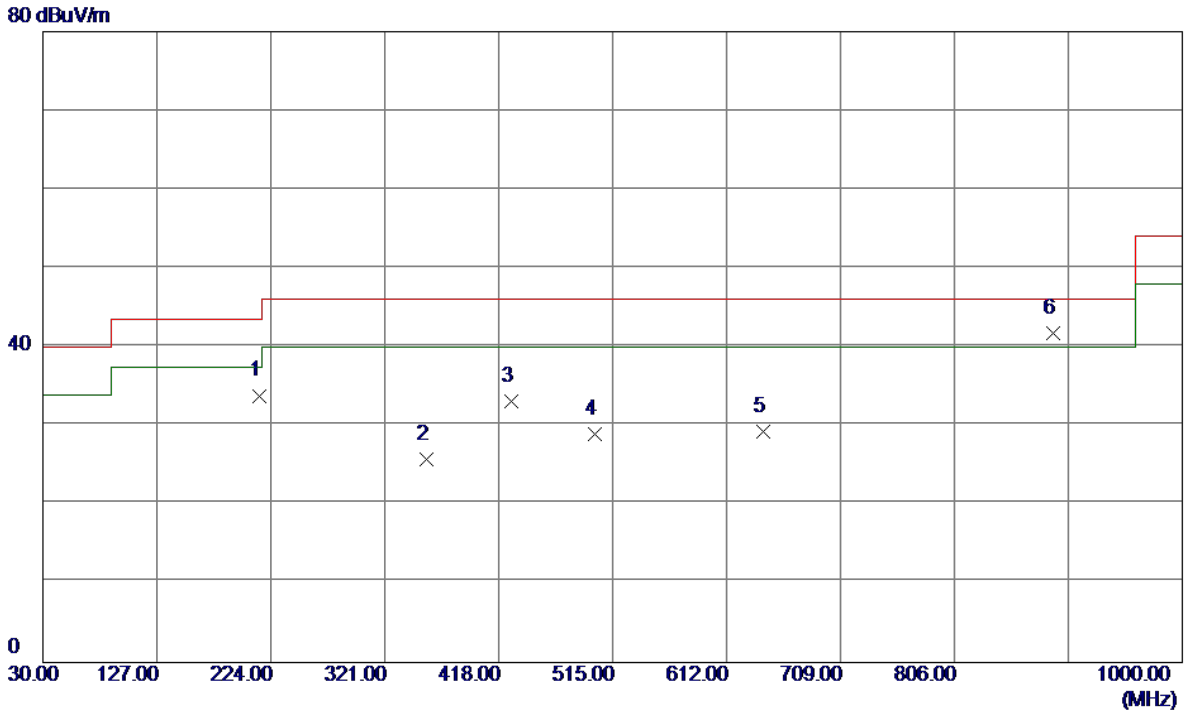
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	42.40	-13.95	28.45	43.50	-15.05	Peak	
2	285.1099	42.08	-14.48	27.60	46.00	-18.40	Peak	
3	356.8900	42.94	-11.87	31.07	46.00	-14.93	Peak	
4	428.6700	39.09	-10.55	28.54	46.00	-17.46	Peak	
5	499.4800	36.21	-8.73	27.48	46.00	-18.52	Peak	
6 *	643.0400	36.98	-5.61	31.37	46.00	-14.63	Peak	

Test Mode:	UNII-2A/TX A Mode 5300MHz

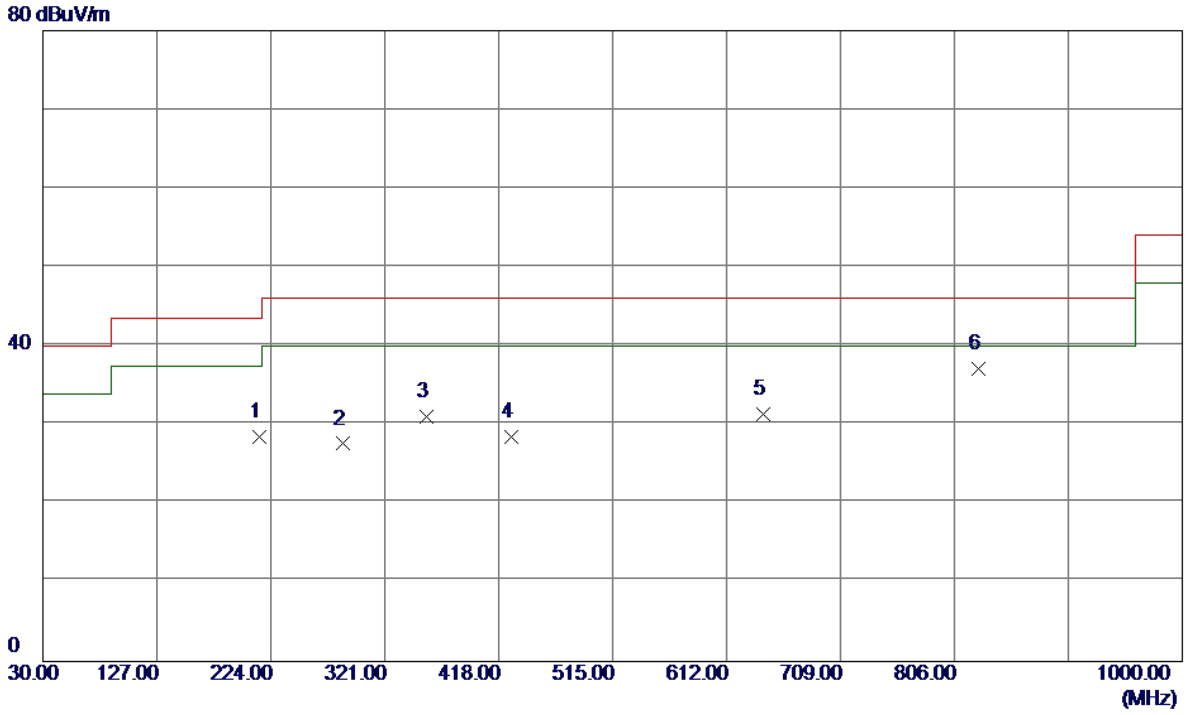
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	47.79	-13.95	33.84	43.50	-9.66	Peak	
2	356.8900	37.58	-11.87	25.71	46.00	-20.29	Peak	
3	428.6700	43.62	-10.55	33.07	46.00	-12.93	Peak	
4	499.4800	37.76	-8.73	29.03	46.00	-16.97	Peak	
5	643.0400	34.84	-5.61	29.23	46.00	-16.77	Peak	
6 *	890.3900	41.00	0.83	41.83	46.00	-4.17	Peak	

Test Mode:	UNII-2A/TX A Mode 5300MHz

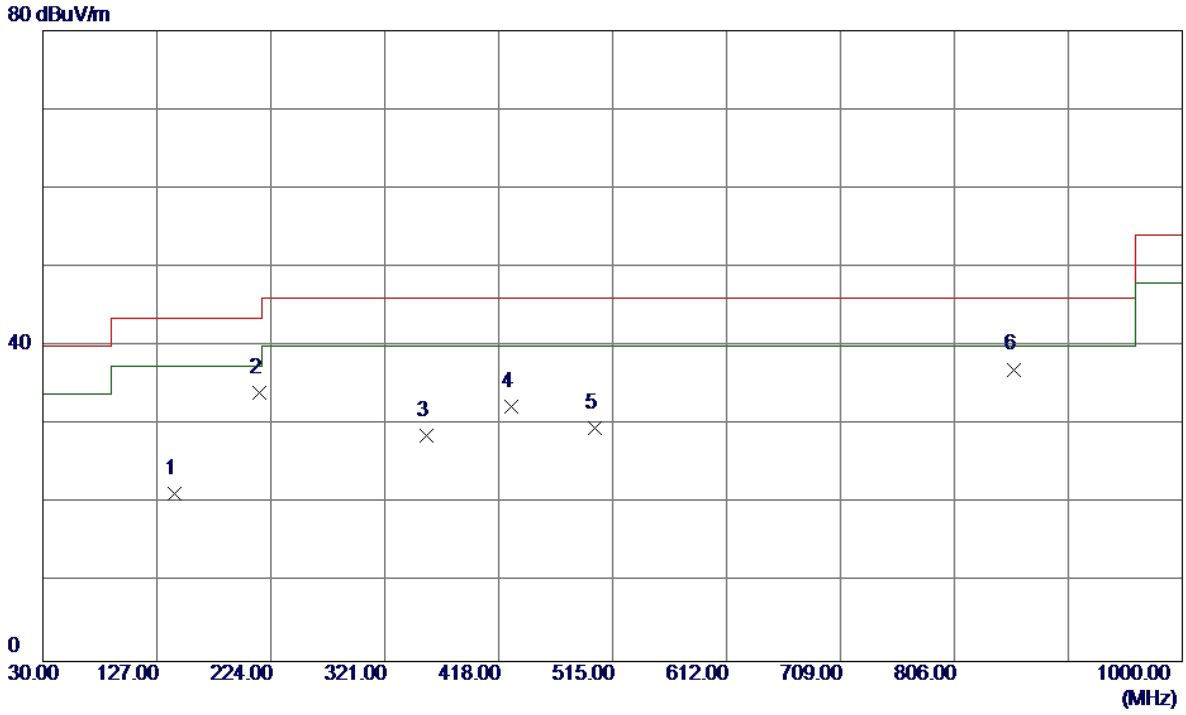
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	42.40	-13.95	28.45	43.50	-15.05	Peak	
2	285.1099	42.08	-14.48	27.60	46.00	-18.40	Peak	
3	356.8900	42.94	-11.87	31.07	46.00	-14.93	Peak	
4	428.6700	39.09	-10.55	28.54	46.00	-17.46	Peak	
5	643.0400	36.98	-5.61	31.37	46.00	-14.63	Peak	
6 *	826.3700	37.69	-0.64	37.05	46.00	-8.95	Peak	

Test Mode:	UNII-2A/TX A Mode 5320MHz

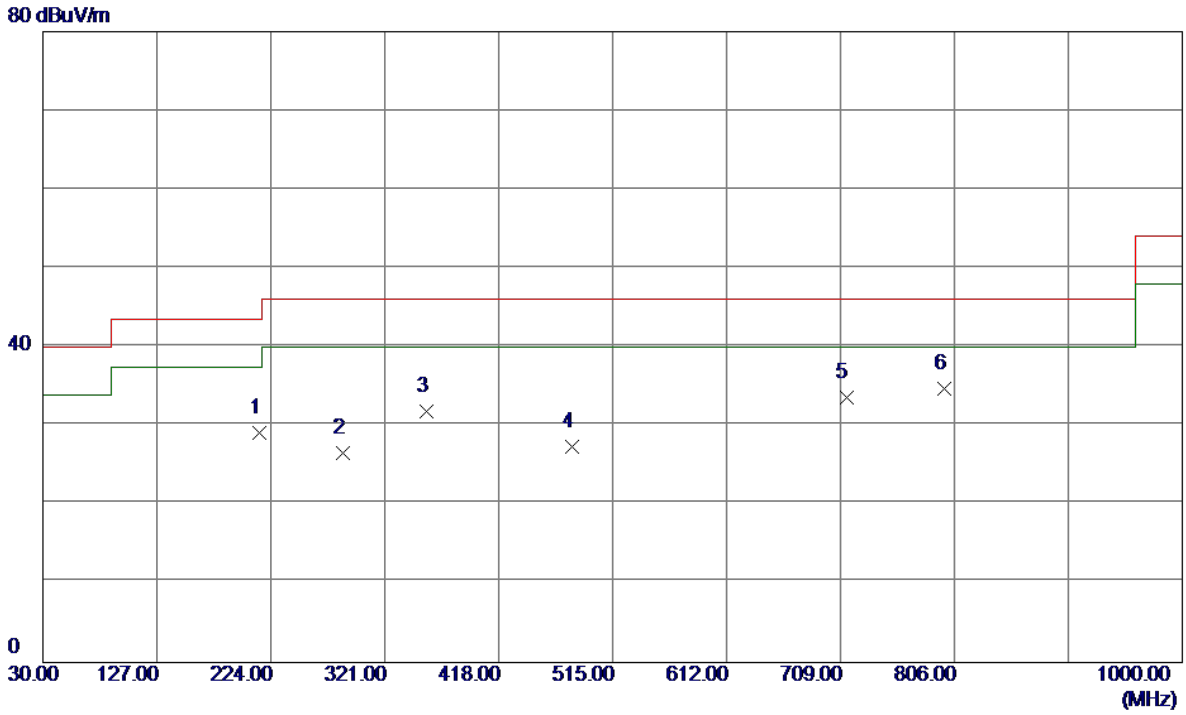
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	142.5200	35.32	-14.04	21.28	43.50	-22.22	Peak	
2	214.3000	47.98	-13.95	34.03	43.50	-9.47	Peak	
3	356.8900	40.47	-11.87	28.60	46.00	-17.40	Peak	
4	428.6700	42.92	-10.55	32.37	46.00	-13.63	Peak	
5	499.4800	38.27	-8.73	29.54	46.00	-16.46	Peak	
6 *	856.4400	36.91	0.13	37.04	46.00	-8.96	Peak	

Test Mode:	UNII-2A/TX A Mode 5320MHz

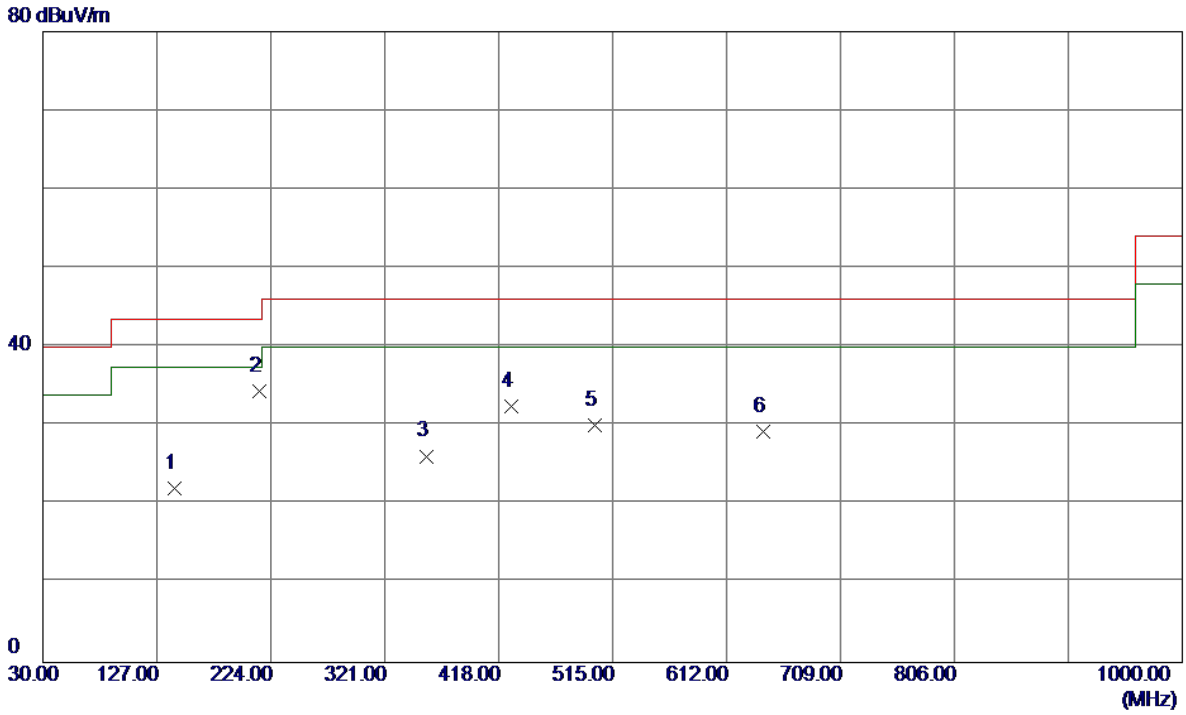
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	43.03	-13.95	29.08	43.50	-14.42	Peak	
2	285.1099	40.98	-14.48	26.50	46.00	-19.50	Peak	
3	356.8900	43.68	-11.87	31.81	46.00	-14.19	Peak	
4	480.0800	36.59	-9.21	27.38	46.00	-18.62	Peak	
5	713.8500	37.19	-3.53	33.66	46.00	-12.34	Peak	
6 *	797.2700	36.15	-1.42	34.73	46.00	-11.27	Peak	

Test Mode:	UNII-2C/TX A Mode 5500MHz

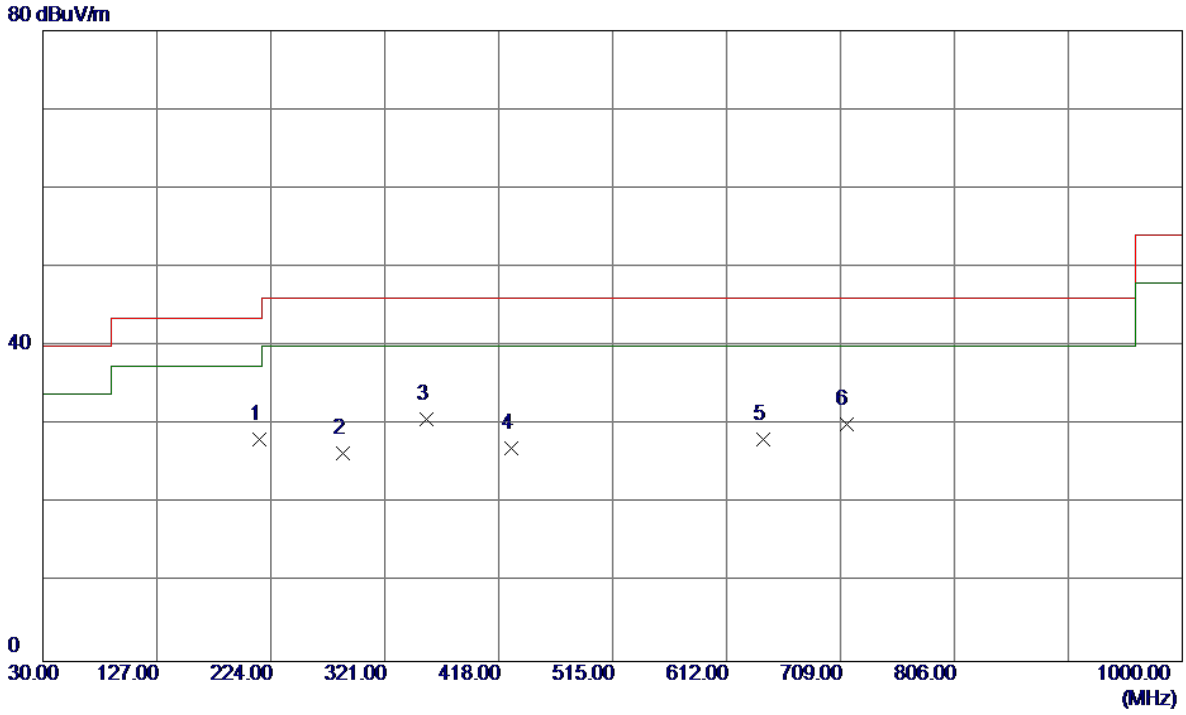
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	142.5200	36.17	-14.04	22.13	43.50	-21.37	Peak	
2 *	214.3000	48.34	-13.95	34.39	43.50	-9.11	Peak	
3	356.8900	38.03	-11.87	26.16	46.00	-19.84	Peak	
4	428.6700	42.96	-10.55	32.41	46.00	-13.59	Peak	
5	499.4800	38.88	-8.73	30.15	46.00	-15.85	Peak	
6	643.0400	34.86	-5.61	29.25	46.00	-16.75	Peak	

Test Mode:	UNII-2C/TX A Mode 5500MHz

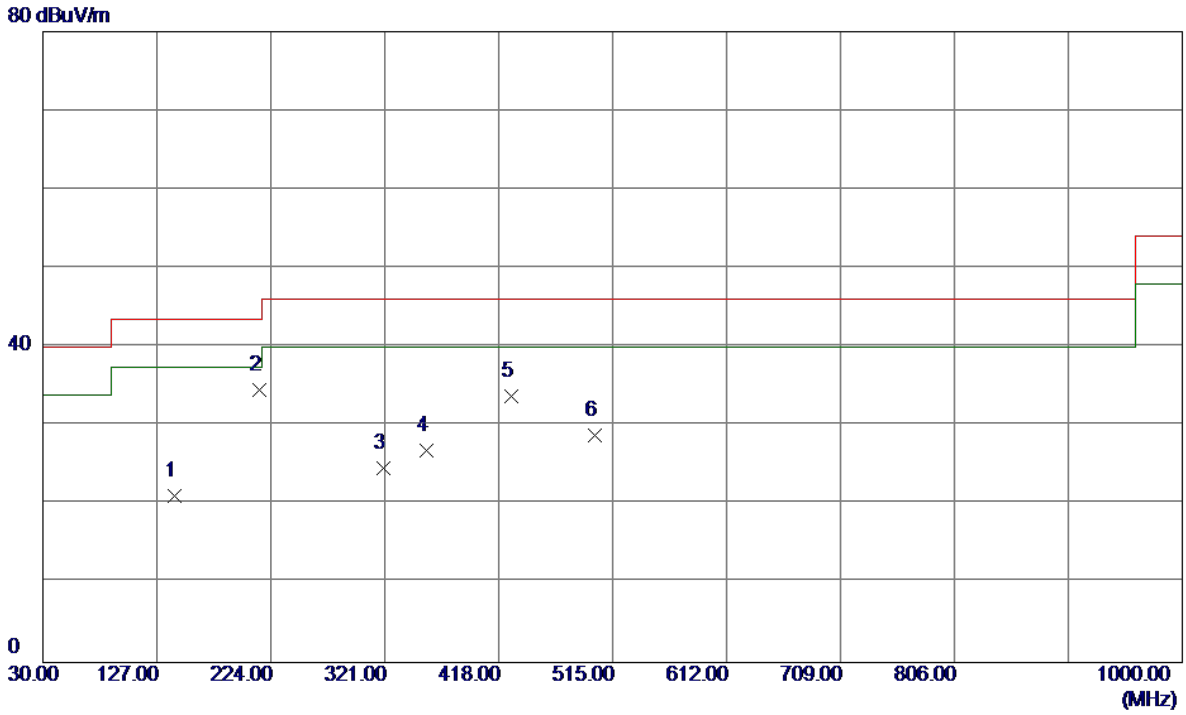
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	42.18	-13.95	28.23	43.50	-15.27	Peak	
2	285.1099	40.94	-14.48	26.46	46.00	-19.54	Peak	
3 *	356.8900	42.62	-11.87	30.75	46.00	-15.25	Peak	
4	428.6700	37.64	-10.55	27.09	46.00	-18.91	Peak	
5	643.0400	33.82	-5.61	28.21	46.00	-17.79	Peak	
6	713.8500	33.55	-3.53	30.02	46.00	-15.98	Peak	

Test Mode:	UNII-2C/TX A Mode 5580MHz

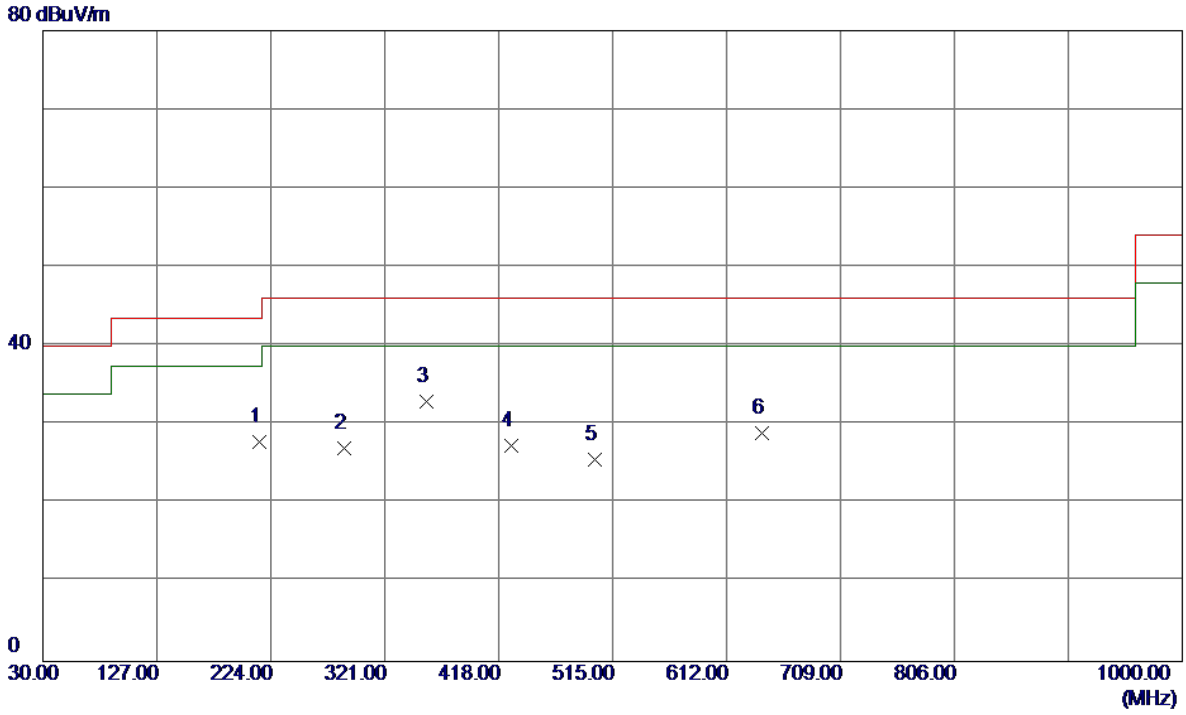
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	142.5200	35.11	-14.04	21.07	43.50	-22.43	Peak	
2 *	214.3000	48.44	-13.95	34.49	43.50	-9.01	Peak	
3	320.0300	37.10	-12.48	24.62	46.00	-21.38	Peak	
4	356.8900	38.69	-11.87	26.82	46.00	-19.18	Peak	
5	428.6700	44.24	-10.55	33.69	46.00	-12.31	Peak	
6	499.4800	37.57	-8.73	28.84	46.00	-17.16	Peak	

Test Mode:	UNII-2C/TX A Mode 5580MHz

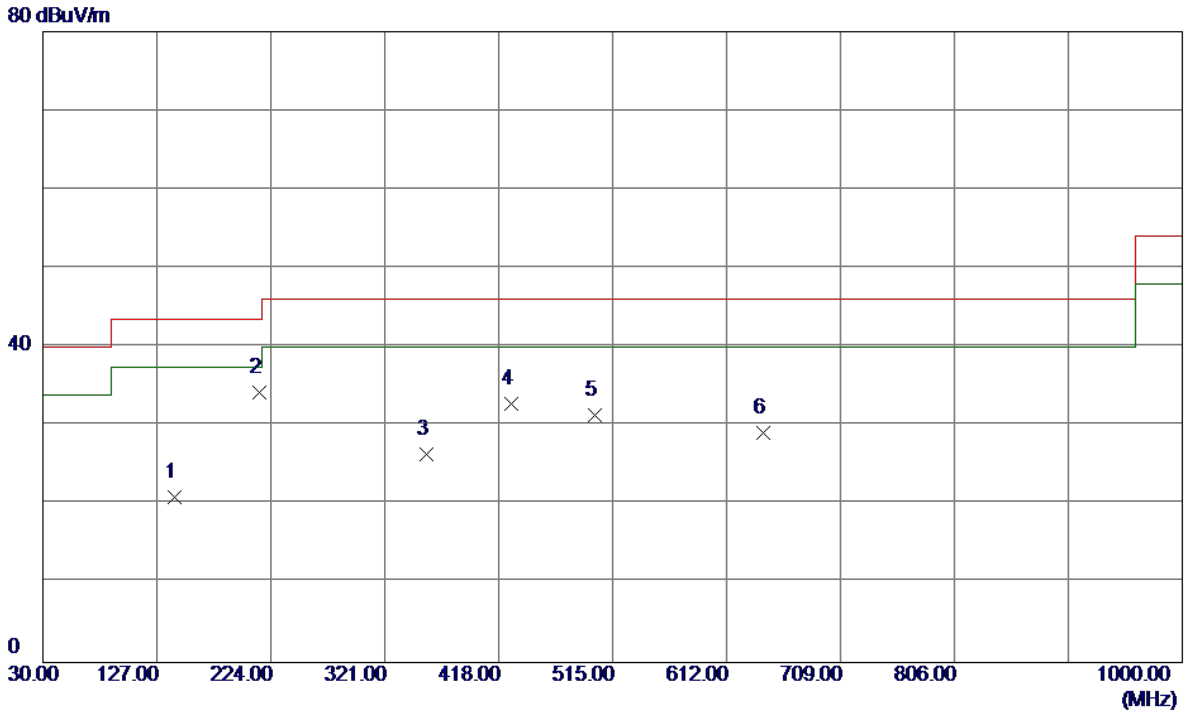
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	41.78	-13.95	27.83	43.50	-15.67	Peak	
2	286.0799	41.46	-14.42	27.04	46.00	-18.96	Peak	
3 *	356.8900	44.77	-11.87	32.90	46.00	-13.10	Peak	
4	428.6700	37.84	-10.55	27.29	46.00	-18.71	Peak	
5	499.4800	34.29	-8.73	25.56	46.00	-20.44	Peak	
6	642.0700	34.53	-5.62	28.91	46.00	-17.09	Peak	

Test Mode:	UNII-2C/TX A Mode 5700MHz

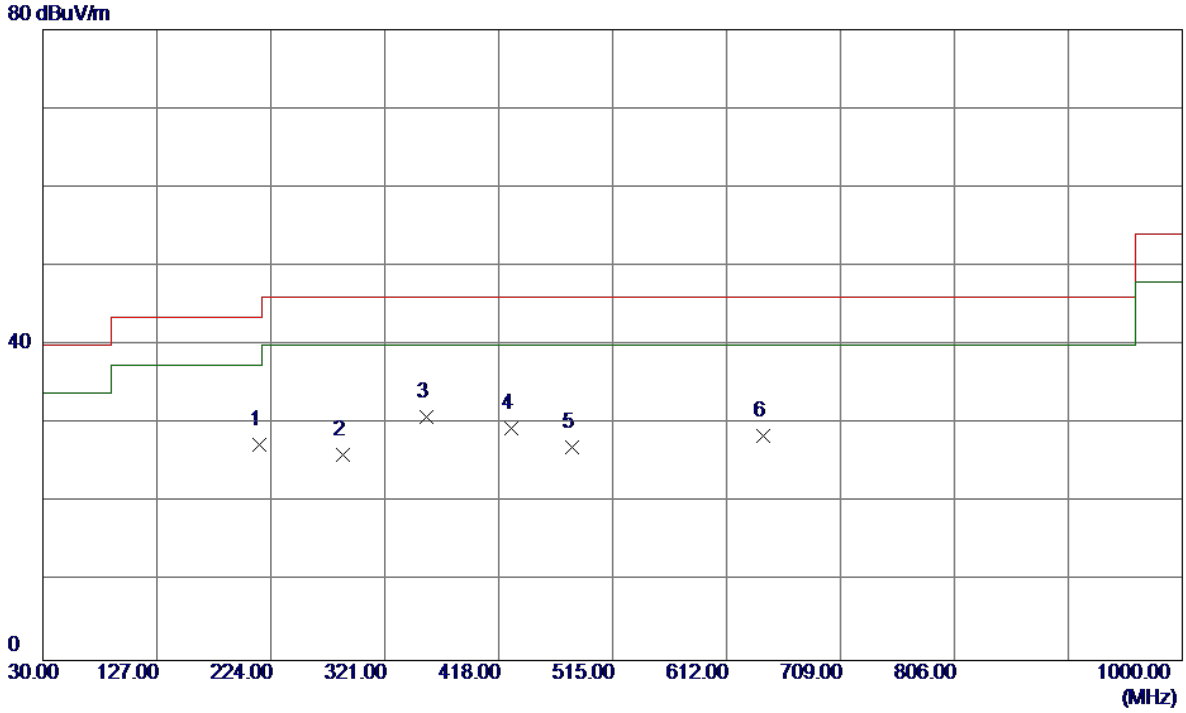
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	142.5200	35.04	-14.04	21.00	43.50	-22.50	Peak	
2 *	214.3000	48.18	-13.95	34.23	43.50	-9.27	Peak	
3	356.8900	38.32	-11.87	26.45	46.00	-19.55	Peak	
4	428.6700	43.29	-10.55	32.74	46.00	-13.26	Peak	
5	499.4800	40.13	-8.73	31.40	46.00	-14.60	Peak	
6	643.0400	34.79	-5.61	29.18	46.00	-16.82	Peak	

Test Mode:	UNII-2C/TX A Mode 5700MHz

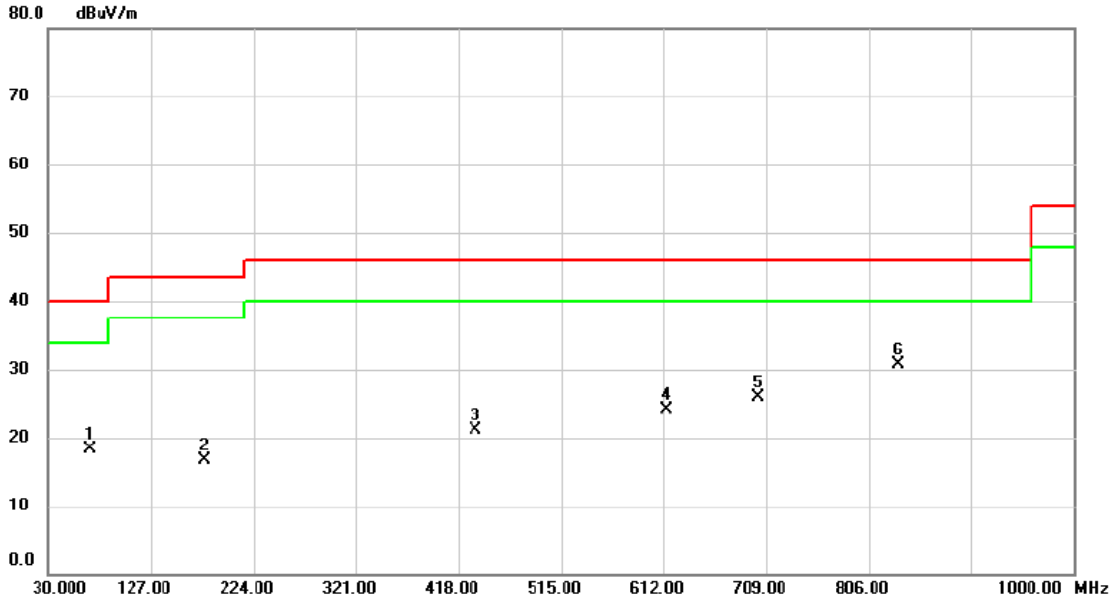
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	214.3000	41.24	-13.95	27.29	43.50	-16.21	Peak	
2	285.1099	40.59	-14.48	26.11	46.00	-19.89	Peak	
3 *	356.8900	42.82	-11.87	30.95	46.00	-15.05	Peak	
4	428.6700	40.02	-10.55	29.47	46.00	-16.53	Peak	
5	480.0800	36.31	-9.21	27.10	46.00	-18.90	Peak	
6	643.0400	34.10	-5.61	28.49	46.00	-17.51	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz

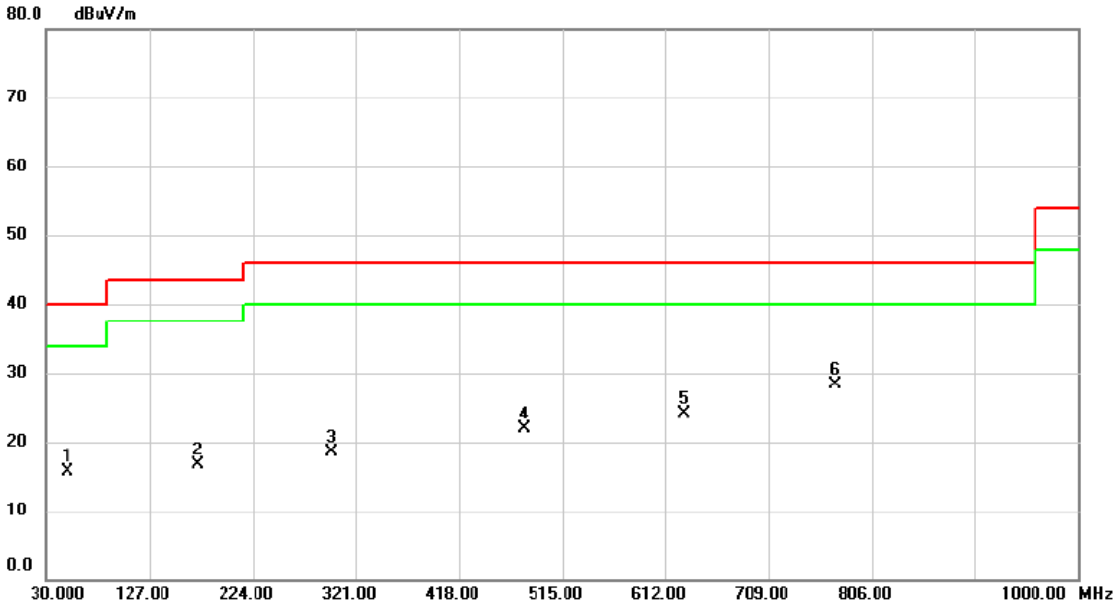
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		69.770	34.73	-16.46	18.27	40.00	-21.73	peak	
2		178.410	28.79	-12.08	16.71	43.50	-26.79	peak	
3		433.520	31.57	-10.41	21.16	46.00	-24.84	peak	
4		614.910	30.24	-6.14	24.10	46.00	-21.90	peak	
5		701.240	29.79	-3.90	25.89	46.00	-20.11	peak	
6	*	833.160	31.09	-0.46	30.63	46.00	-15.37	peak	

Test Mode:	UNII-3/TX A Mode 5745MHz

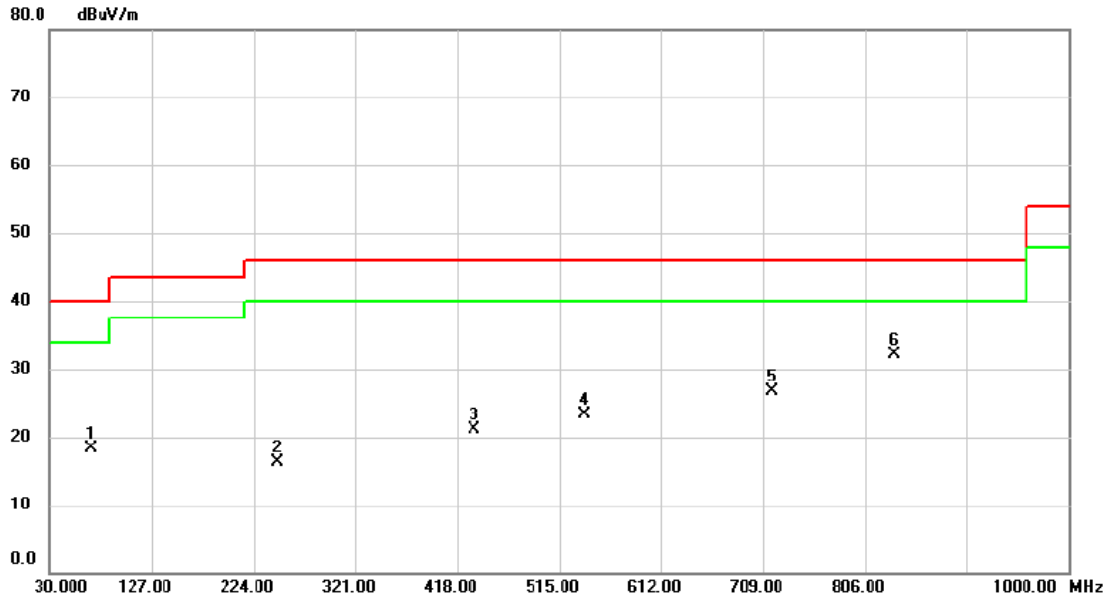
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		50.370	29.42	-13.62	15.80	40.00	-24.20	peak	
2		172.590	29.06	-12.26	16.80	43.50	-26.70	peak	
3		297.720	31.72	-13.14	18.58	46.00	-27.42	peak	
4		479.110	31.14	-9.23	21.91	46.00	-24.09	peak	
5		629.460	29.97	-5.86	24.11	46.00	-21.89	peak	
6	*	771.080	30.20	-1.99	28.21	46.00	-17.79	peak	

Test Mode:	UNII-3/TX A Mode 5785MHz

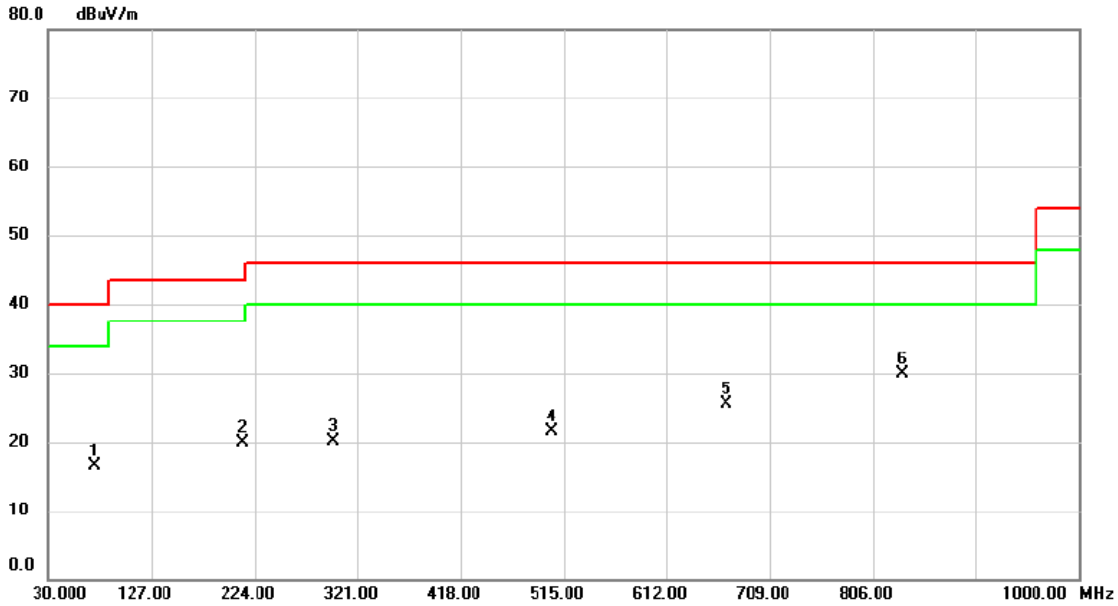
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		69.770	34.73	-16.46	18.27	40.00	-21.73	peak	
2		246.310	30.94	-14.69	16.25	46.00	-29.75	peak	
3		433.520	31.57	-10.41	21.16	46.00	-24.84	peak	
4		539.250	31.24	-7.93	23.31	46.00	-22.69	peak	
5		717.730	30.13	-3.41	26.72	46.00	-19.28	peak	
6	*	833.160	32.59	-0.46	32.13	46.00	-13.87	peak	

Test Mode:	UNII-3/TX A Mode 5785MHz

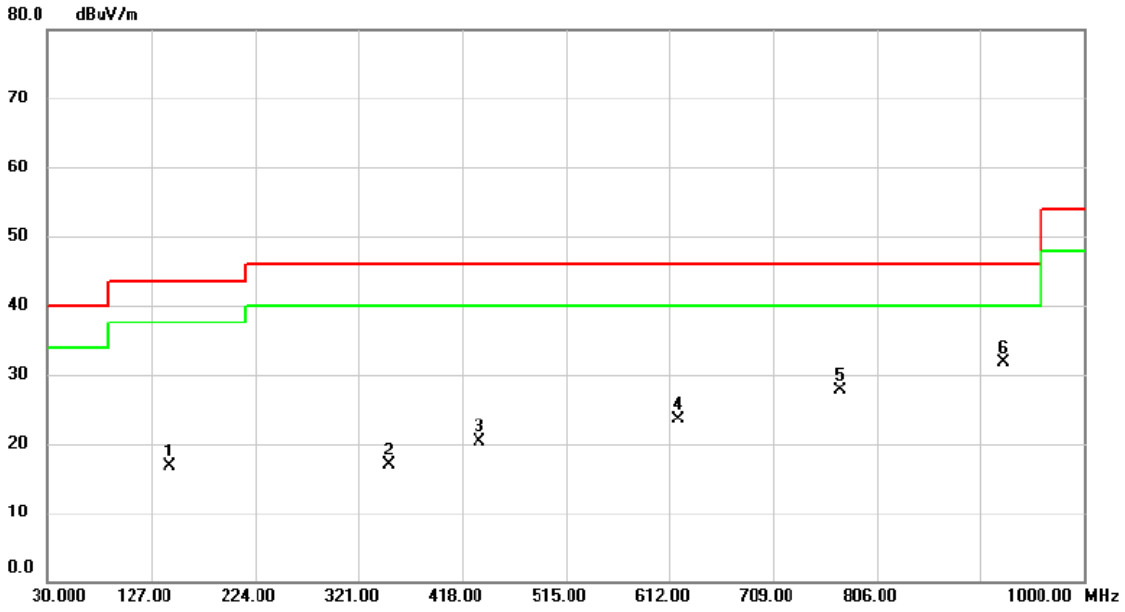
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.650	33.47	-16.93	16.54	40.00	-23.46	peak	
2		212.360	33.92	-13.96	19.96	43.50	-23.54	peak	
3		297.720	33.20	-13.14	20.06	46.00	-25.94	peak	
4		504.330	30.08	-8.63	21.45	46.00	-24.55	peak	
5		668.260	30.34	-4.92	25.42	46.00	-20.58	peak	
6	*	833.160	30.44	-0.46	29.98	46.00	-16.02	peak	

Test Mode:	UNII-3/TX A Mode 5825MHz

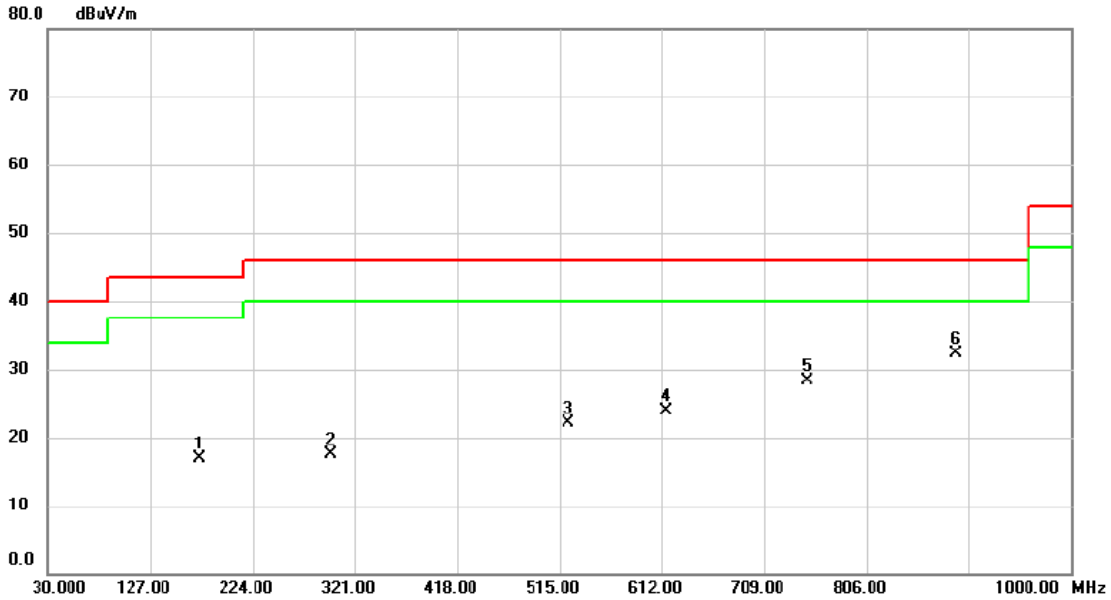
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		144.460	30.52	-13.91	16.61	43.50	-26.89	peak	
2		350.100	28.89	-11.96	16.93	46.00	-29.07	peak	
3		433.520	30.64	-10.41	20.23	46.00	-25.77	peak	
4		620.730	29.56	-6.02	23.54	46.00	-22.46	peak	
5		771.080	29.70	-1.99	27.71	46.00	-18.29	peak	
6	*	924.340	30.20	1.50	31.70	46.00	-14.30	peak	

Test Mode:	UNII-3/TX A Mode 5825MHz

Horizontal

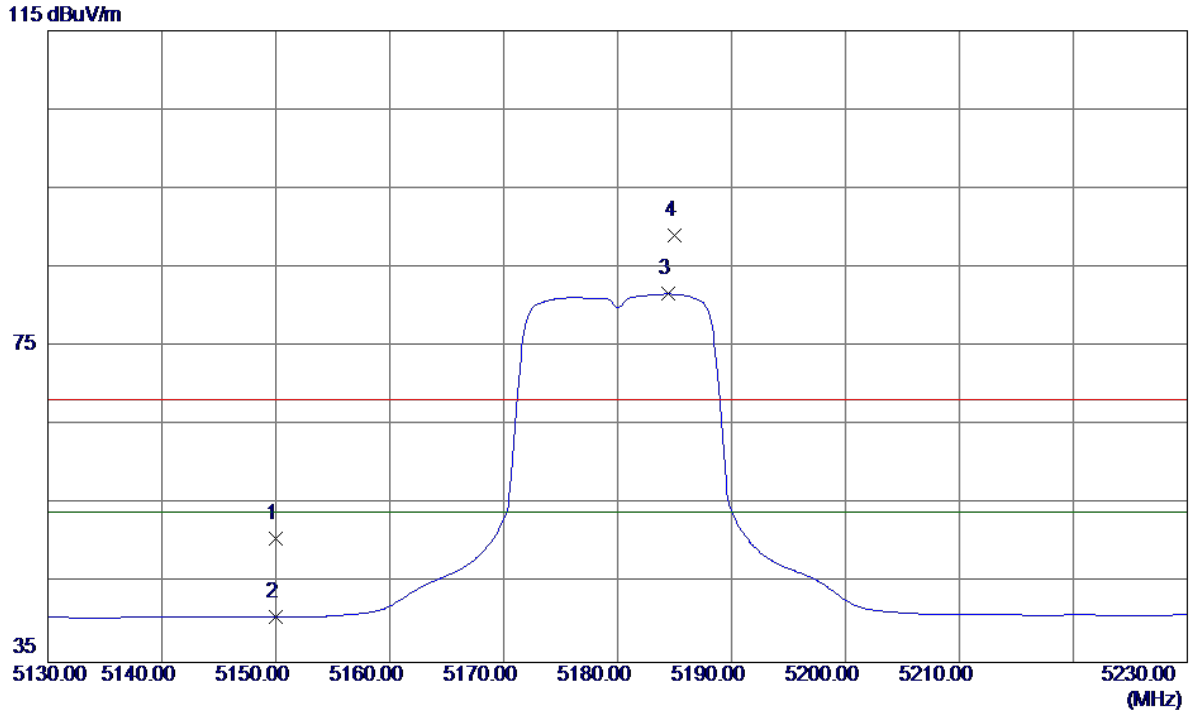


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		174.530	29.01	-12.20	16.81	43.50	-26.69	peak	
2		297.720	30.55	-13.14	17.41	46.00	-28.59	peak	
3		522.760	30.34	-8.26	22.08	46.00	-23.92	peak	
4		616.850	30.09	-6.09	24.00	46.00	-22.00	peak	
5		749.740	30.79	-2.46	28.33	46.00	-17.67	peak	
6	*	890.390	31.55	0.84	32.39	46.00	-13.61	peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

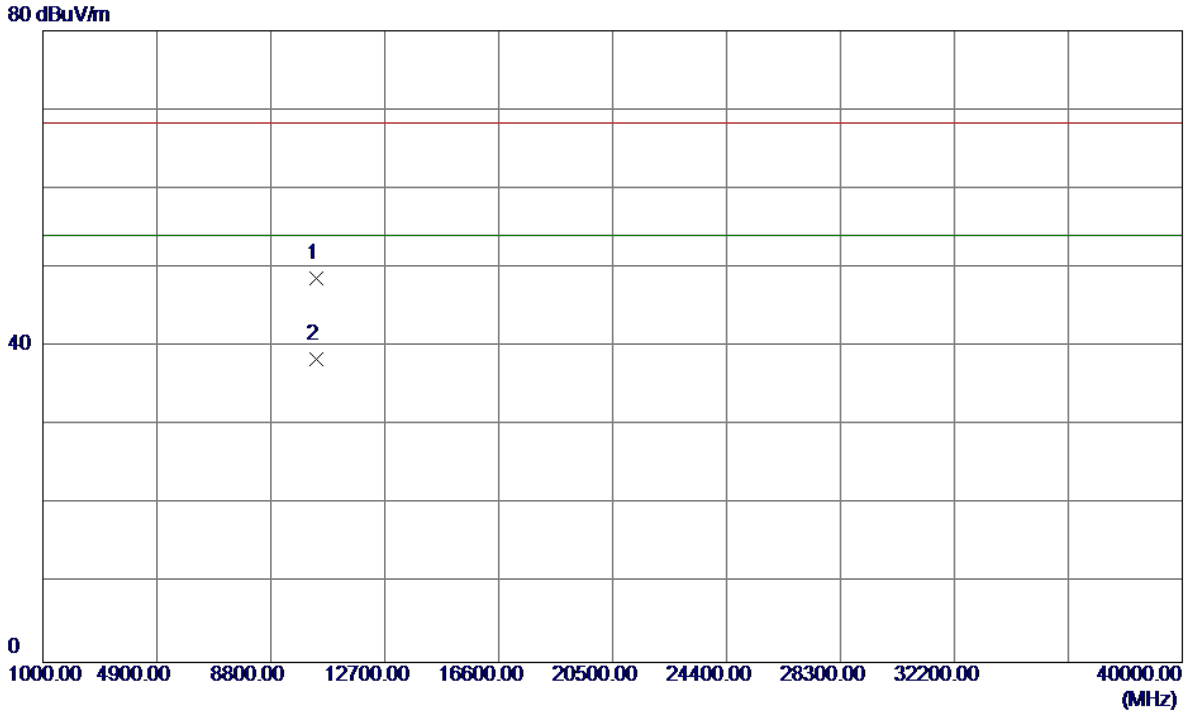
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.61	41.10	50.71	68.30	-17.59	Peak	
2	5150.0000	-0.36	41.10	40.74	54.00	-13.26	AVG	
3 *	5184.4000	40.37	41.28	81.65	54.00	27.65	AVG	No Limit
4	5185.0000	47.88	41.28	89.16	68.30	20.86	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

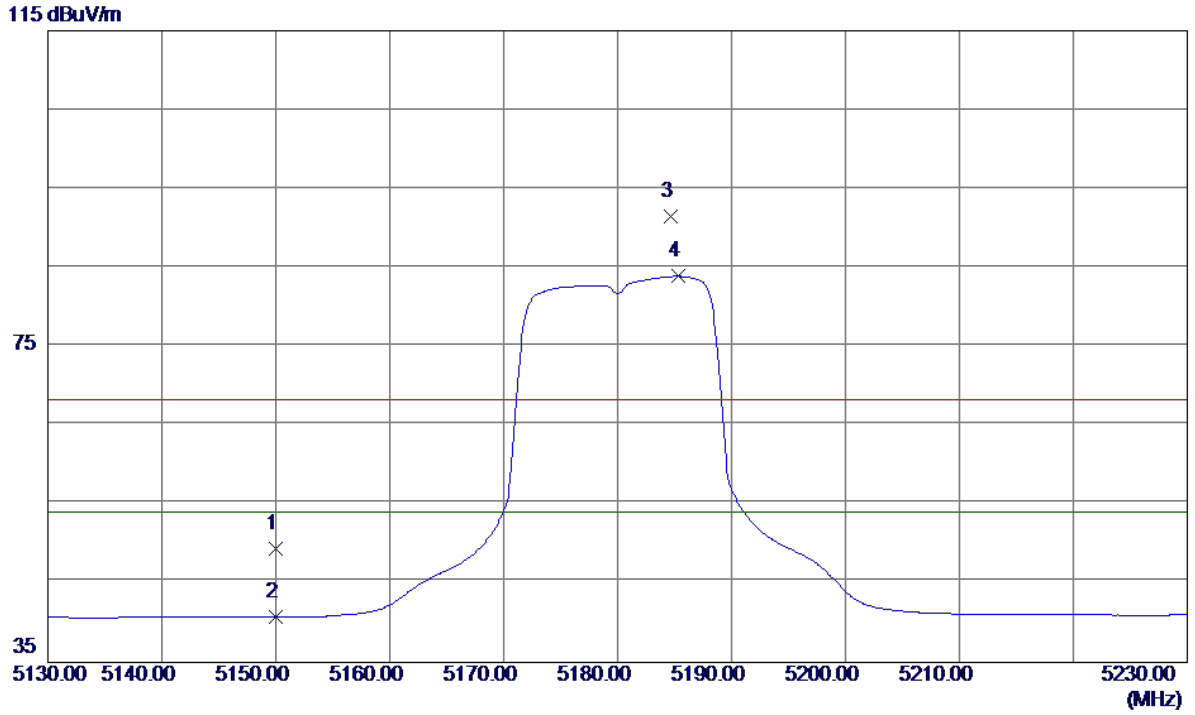
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10361.0000	31.56	17.11	48.67	68.30	-19.63	Peak	
2 *	10369.8000	21.20	17.13	38.33	54.00	-15.67	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

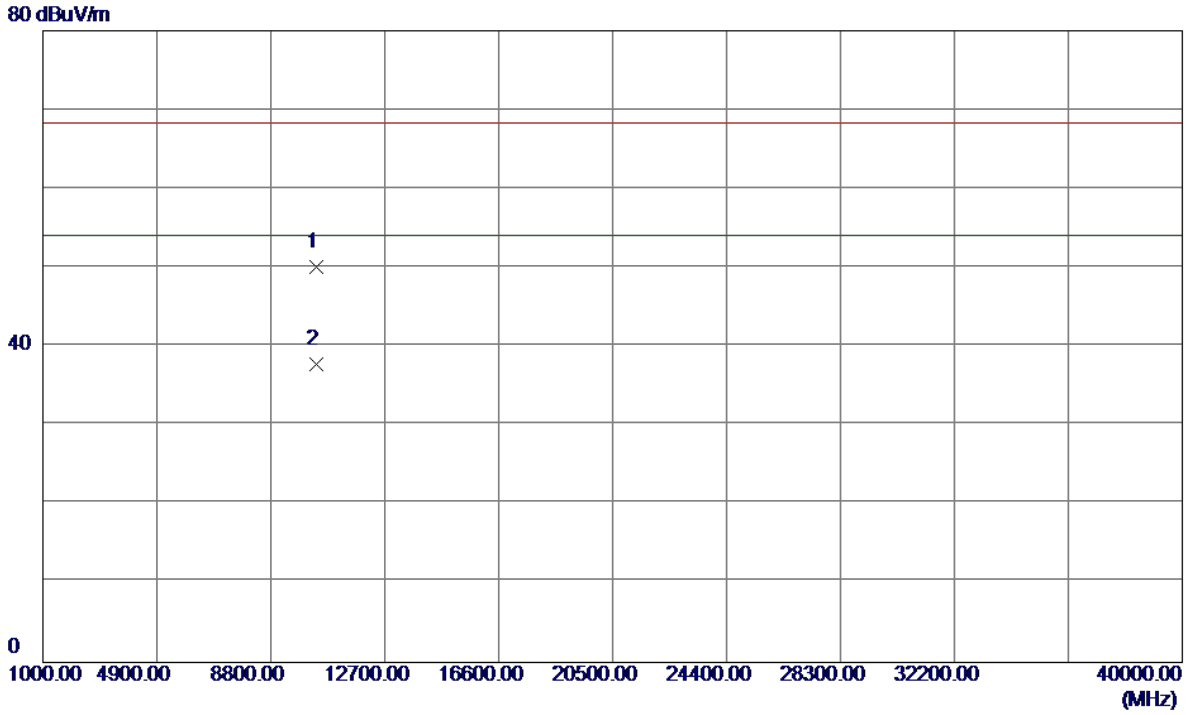
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.34	41.10	49.44	68.30	-18.86	Peak	
2	5150.0000	-0.37	41.10	40.73	54.00	-13.27	AVG	
3	5184.7000	50.21	41.28	91.49	68.30	23.19	Peak	No Limit
4 *	5185.3000	42.61	41.28	83.89	54.00	29.89	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

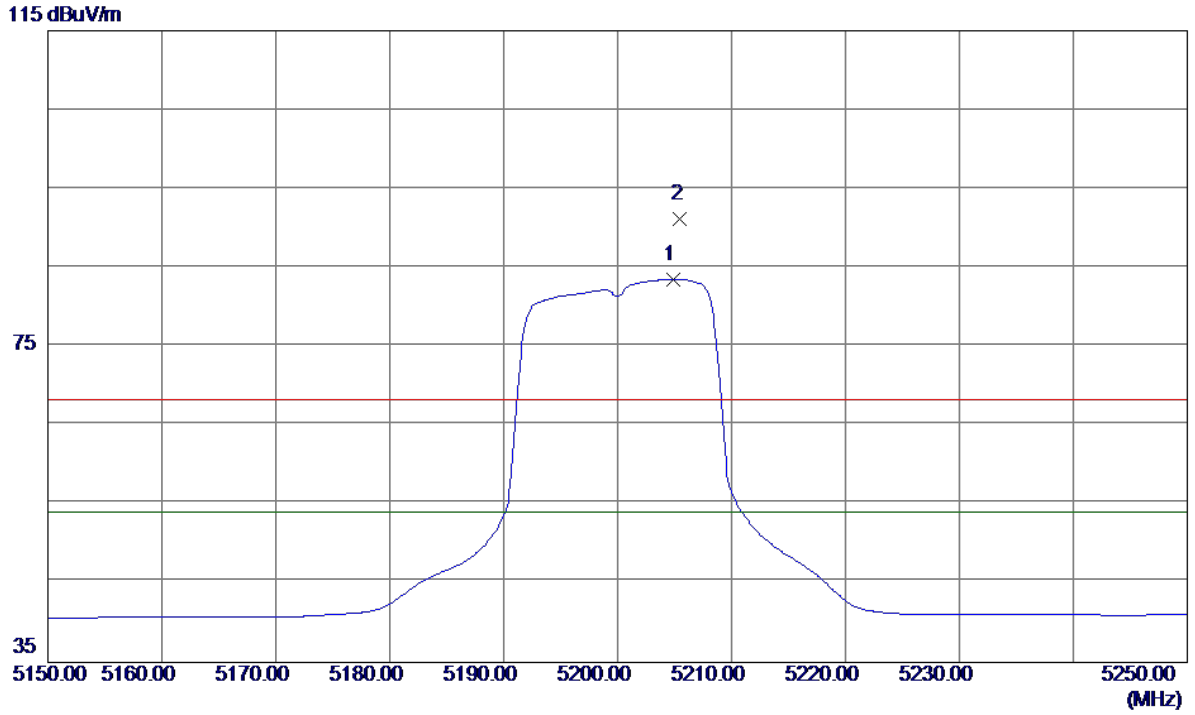
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.8050	32.98	17.10	50.08	68.30	-18.22	Peak	
2 *	10361.1150	20.69	17.11	37.80	54.00	-16.20	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

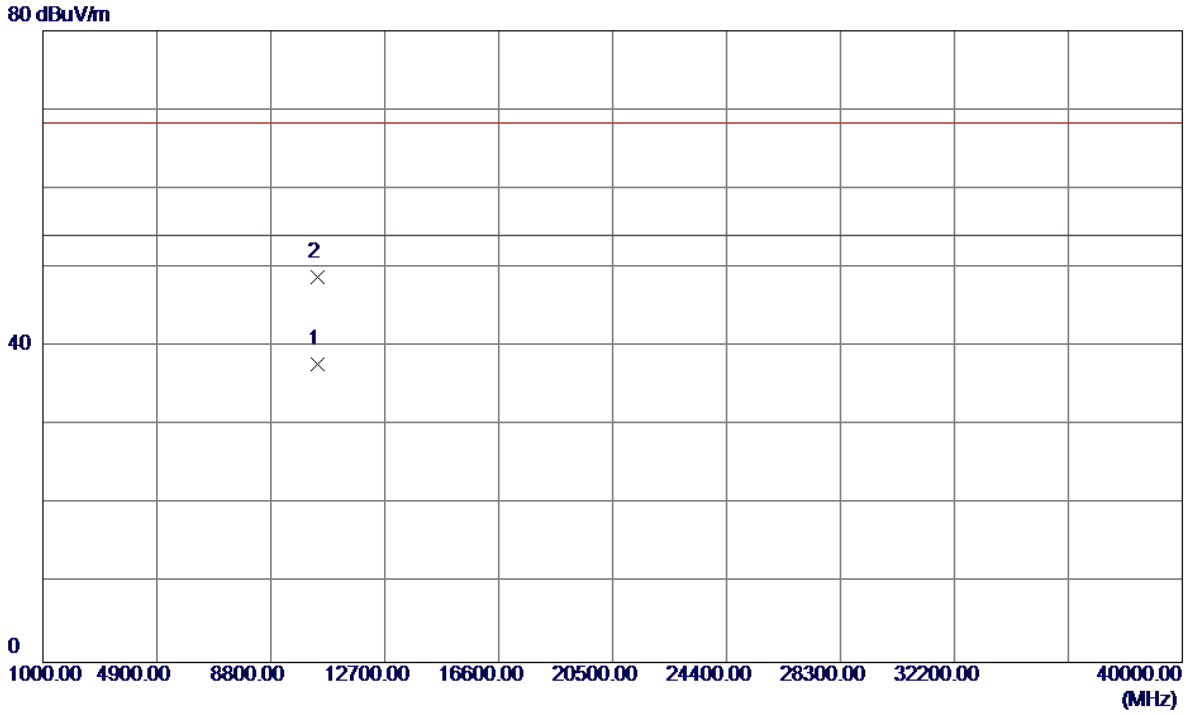
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5204.9000	42.14	41.38	83.52	54.00	29.52	AVG	No Limit
2	5205.5000	49.83	41.38	91.21	68.30	22.91	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

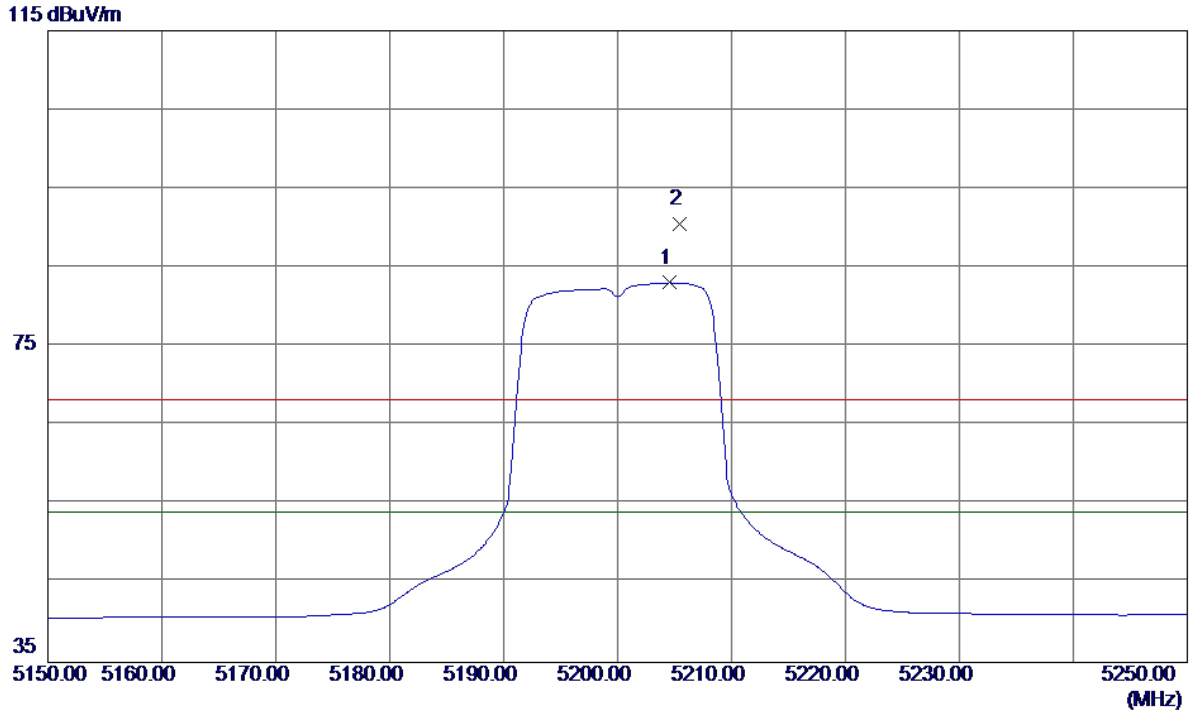
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.2800	20.52	17.22	37.74	54.00	-16.26	AVG	
2	10401.2200	31.58	17.22	48.80	68.30	-19.50	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

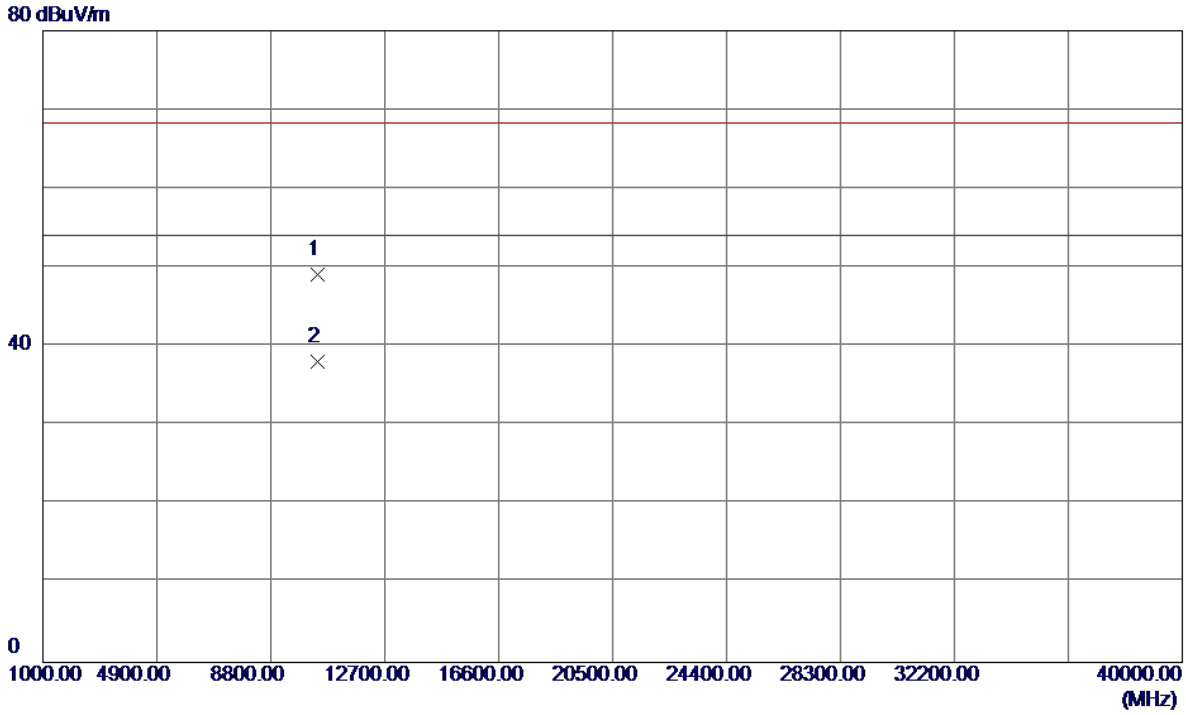
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5204.6000	41.70	41.38	83.08	54.00	29.08	AVG	No Limit
2	5205.4000	49.11	41.38	90.49	68.30	22.19	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

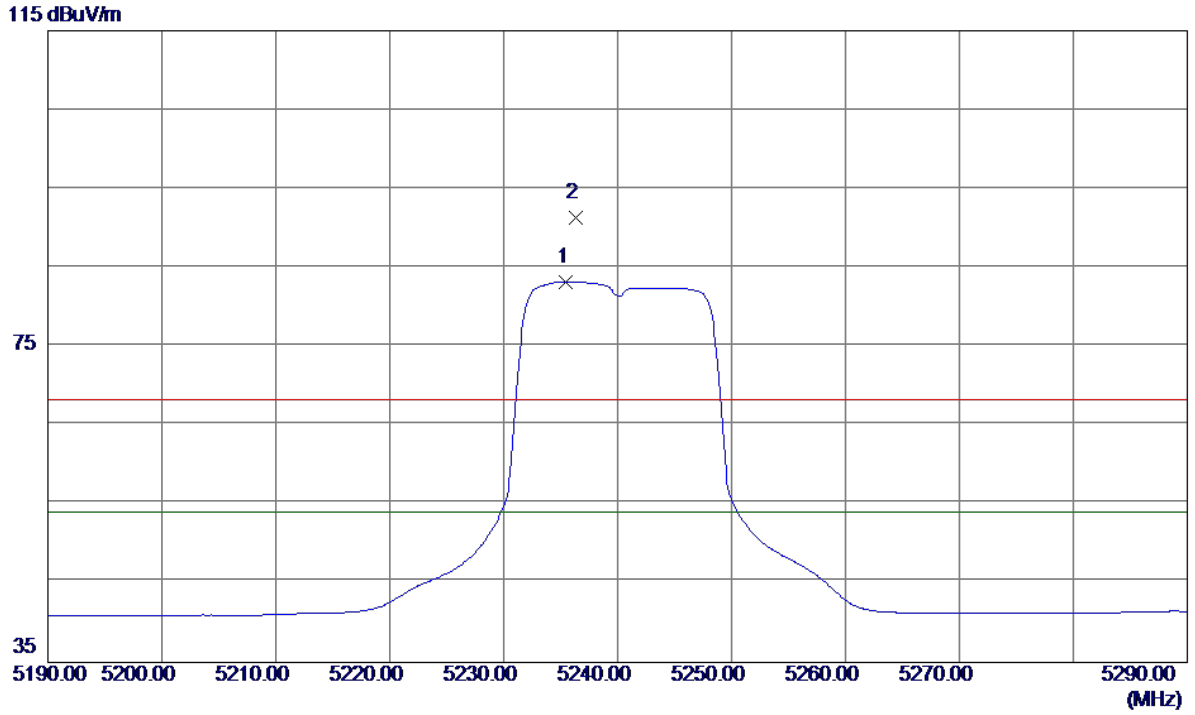
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.7200	31.84	17.22	49.06	68.30	-19.24	Peak	
2 *	10402.2550	20.83	17.22	38.05	54.00	-15.95	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

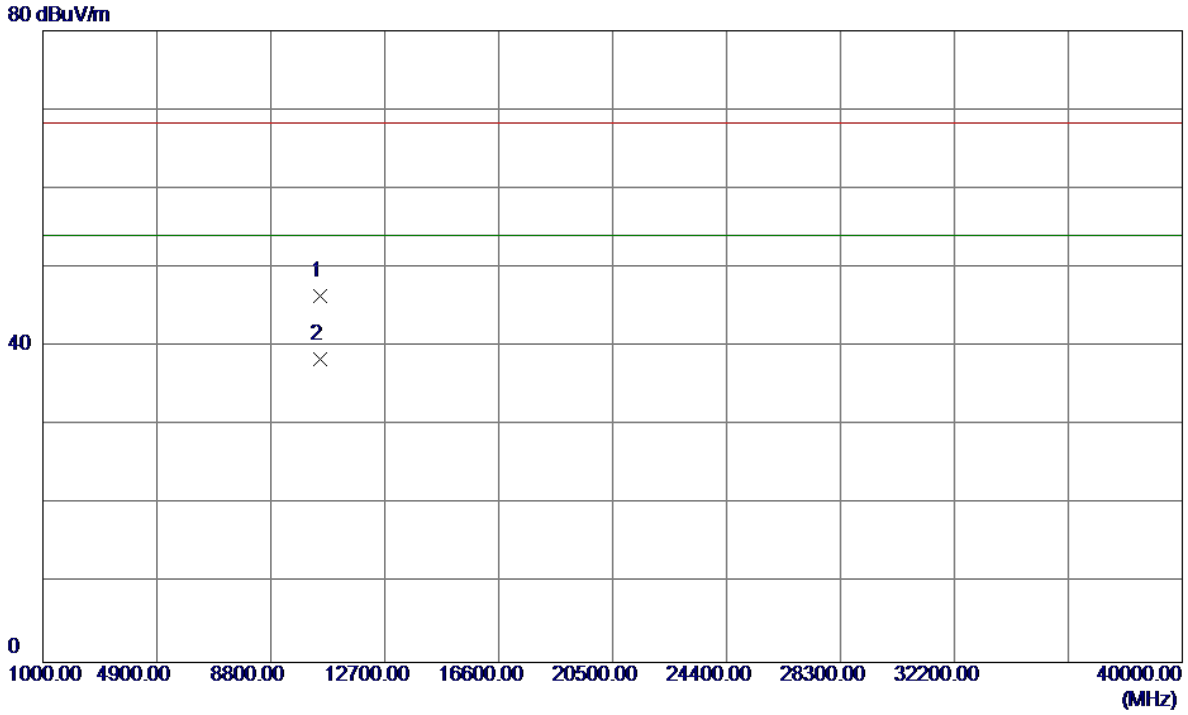
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5235.5000	41.68	41.54	83.22	54.00	29.22	AVG	No Limit
2	5236.3000	49.78	41.54	91.32	68.30	23.02	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

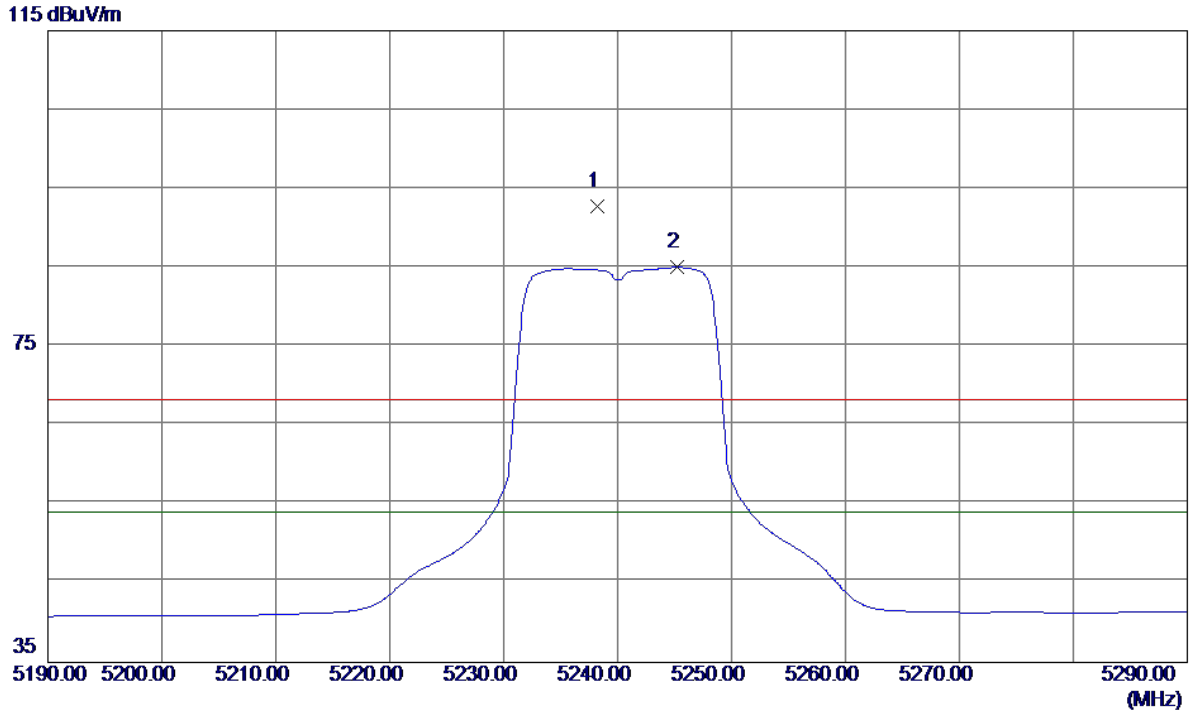
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10481.9900	28.91	17.45	46.36	68.30	-21.94	Peak	
2 *	10483.5000	20.94	17.45	38.39	54.00	-15.61	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

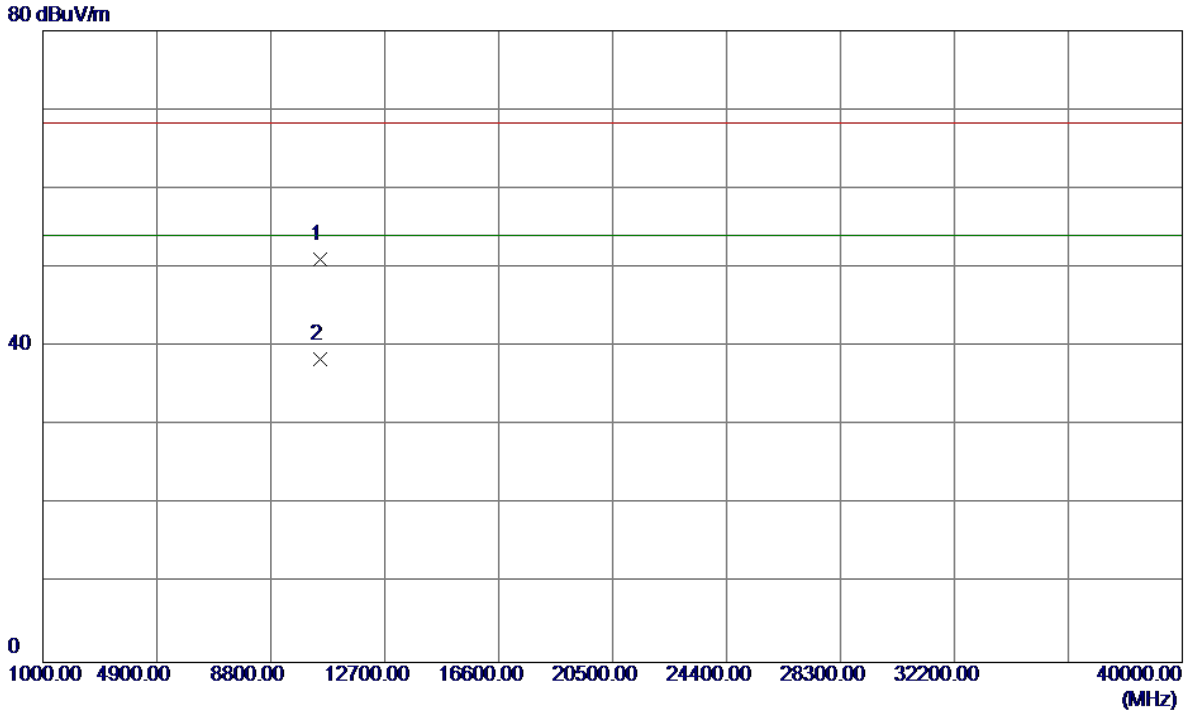
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5238.2000	51.19	41.55	92.74	68.30	24.44	Peak	No Limit
2 *	5245.2000	43.43	41.59	85.02	54.00	31.02	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

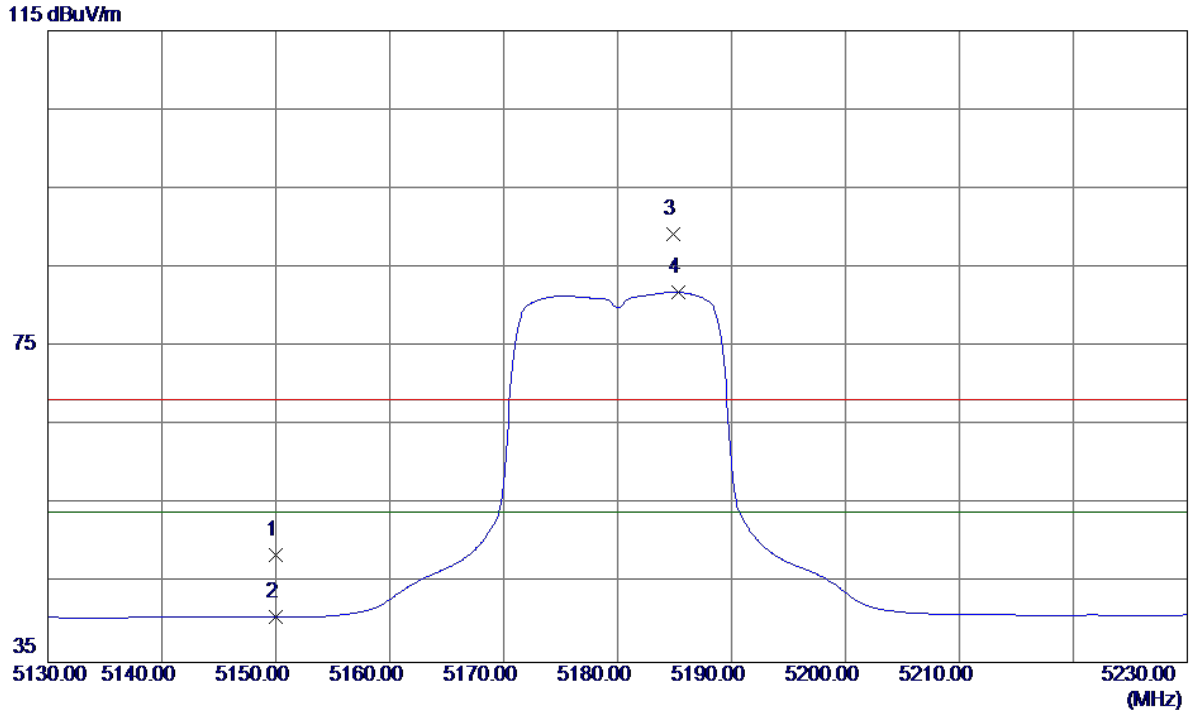
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.8850	33.56	17.44	51.00	68.30	-17.30	Peak	
2 *	10480.9950	20.91	17.45	38.36	54.00	-15.64	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

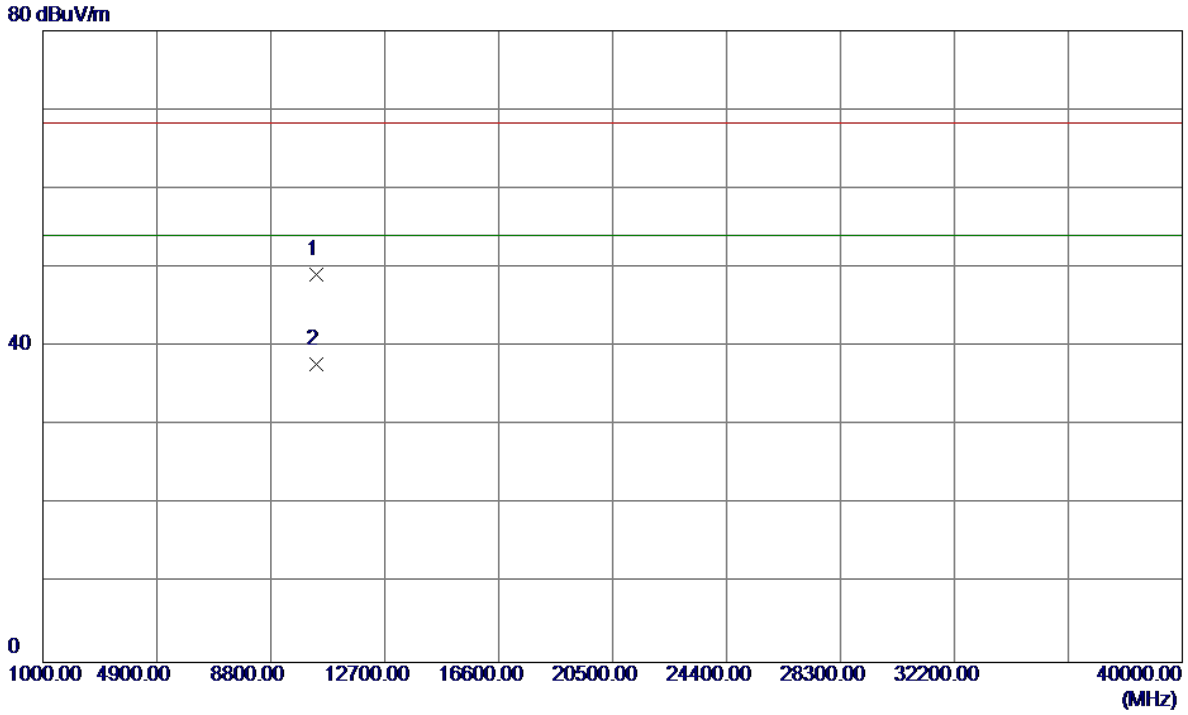
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	7.57	41.10	48.67	68.30	-19.63	Peak	
2	5150.0000	-0.36	41.10	40.74	54.00	-13.26	AVG	
3	5184.9000	47.99	41.28	89.27	68.30	20.97	Peak	No Limit
4 *	5185.3000	40.58	41.28	81.86	54.00	27.86	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

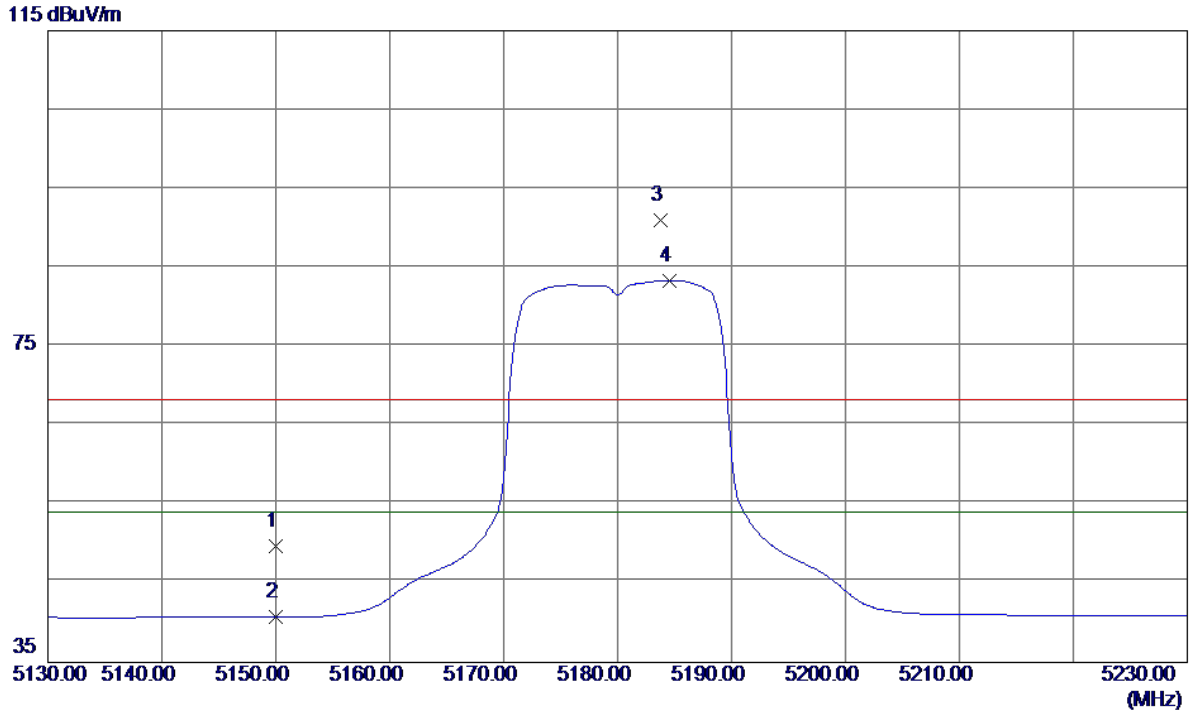
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.8450	32.03	17.10	49.13	68.30	-19.17	Peak	
2 *	10360.1700	20.70	17.11	37.81	54.00	-16.19	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

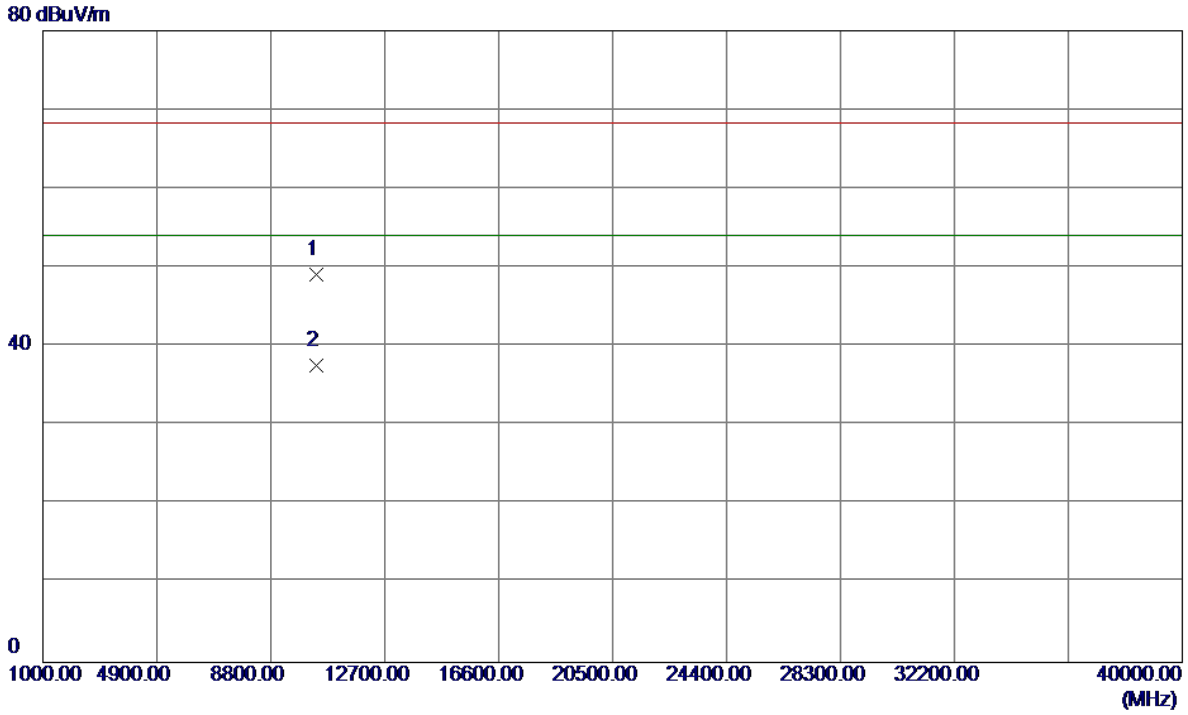
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.62	41.10	49.72	68.30	-18.58	Peak	
2	5150.0000	-0.40	41.10	40.70	54.00	-13.30	AVG	
3	5183.8000	49.77	41.27	91.04	68.30	22.74	Peak	No Limit
4 *	5184.6000	42.10	41.28	83.38	54.00	29.38	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

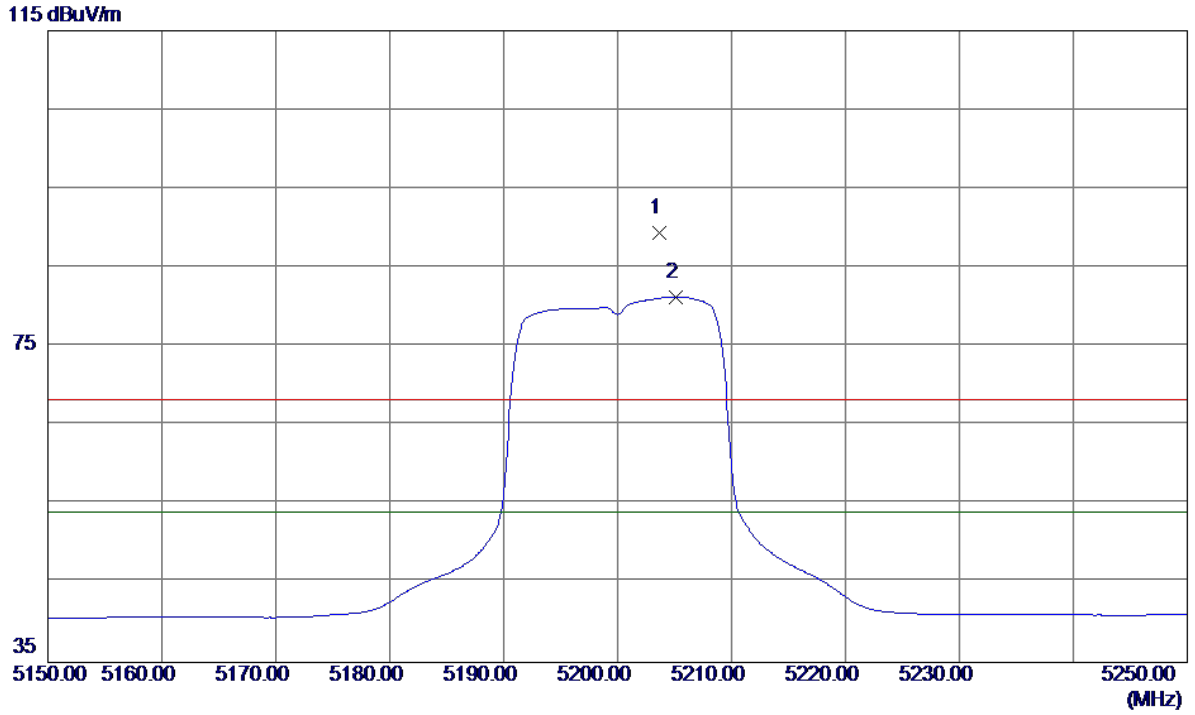
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.0050	31.97	17.11	49.08	68.30	-19.22	Peak	
2 *	10360.3850	20.50	17.11	37.61	54.00	-16.39	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

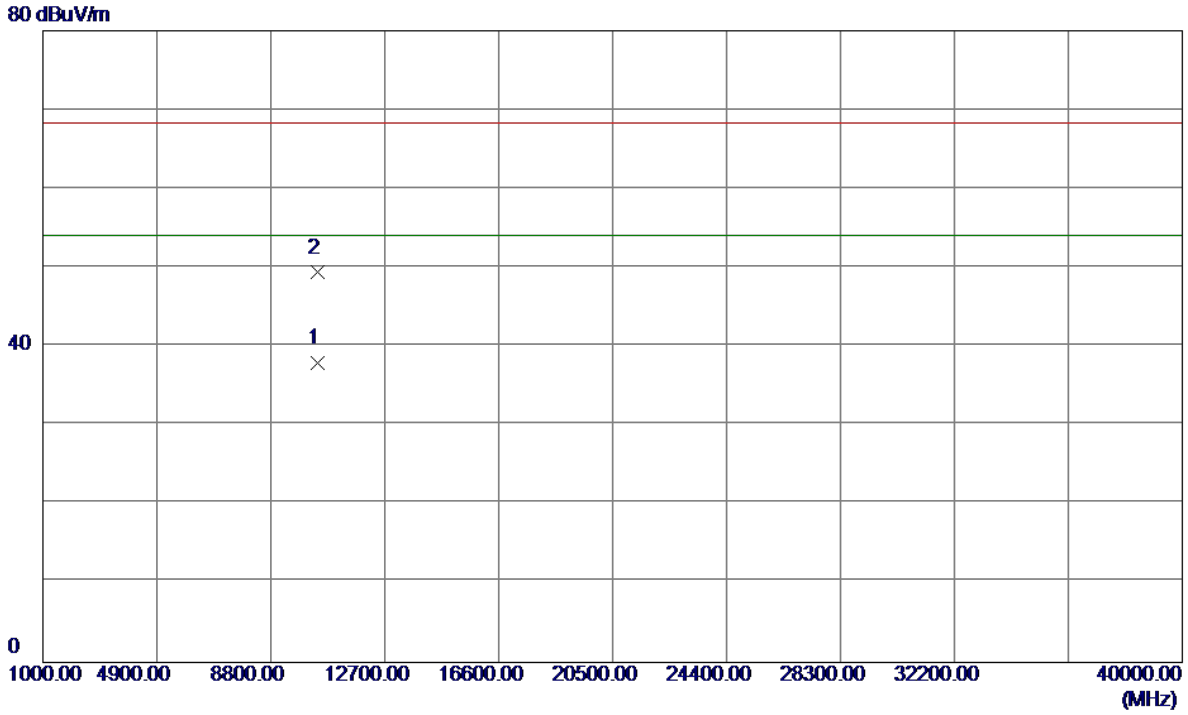
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5203.7000	48.00	41.37	89.37	68.30	21.07	Peak	No Limit
2 *	5205.1000	39.90	41.38	81.28	54.00	27.28	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

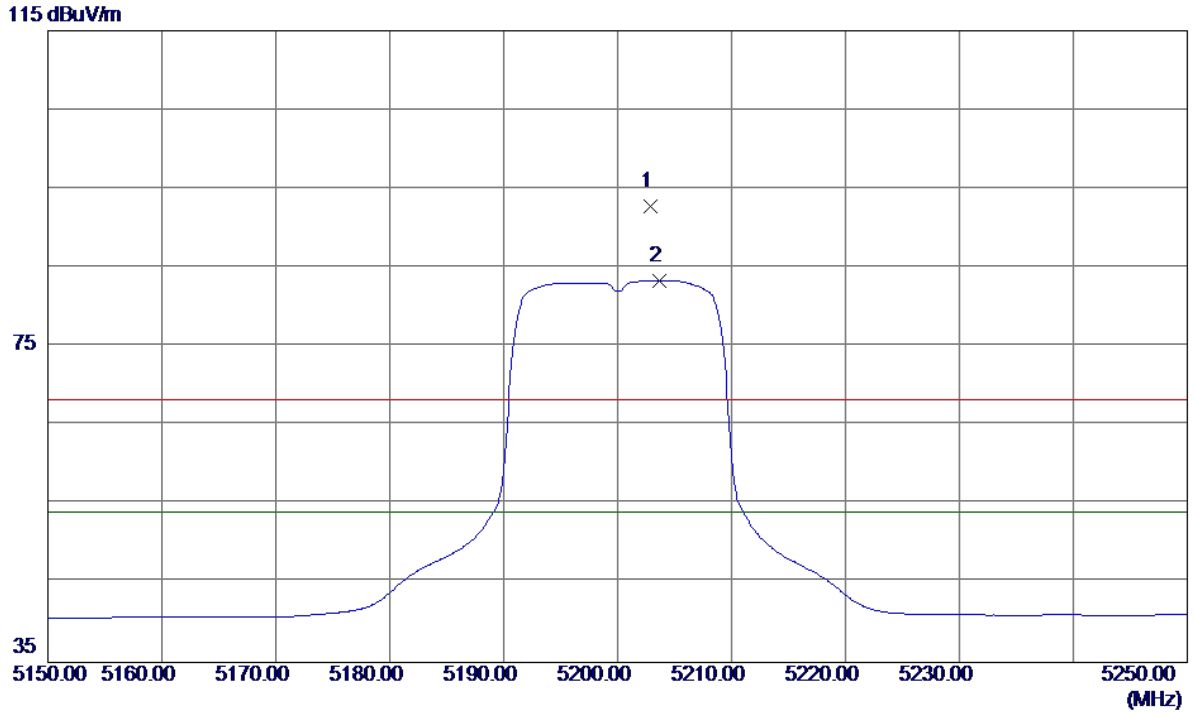
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.6640	20.69	17.22	37.91	54.00	-16.09	AVG	
2	10399.9060	32.14	17.22	49.36	68.30	-18.94	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

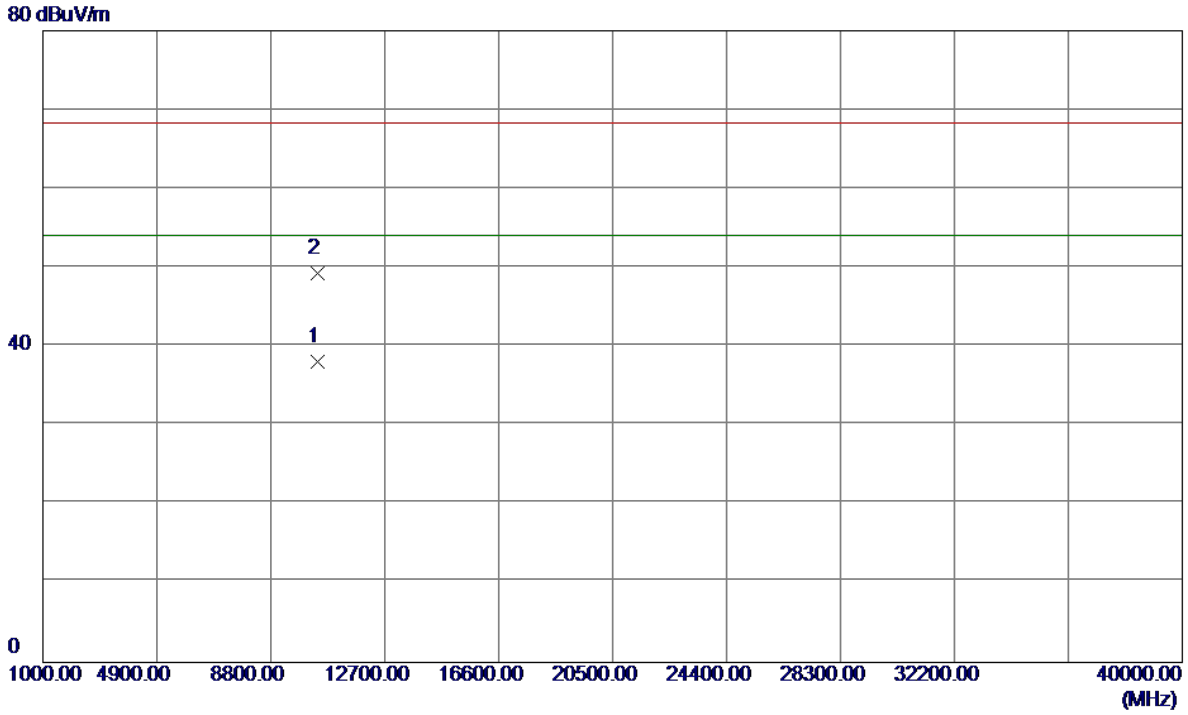
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5202.9000	51.35	41.37	92.72	68.30	24.42	Peak	No Limit
2 *	5203.7000	42.01	41.37	83.38	54.00	29.38	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

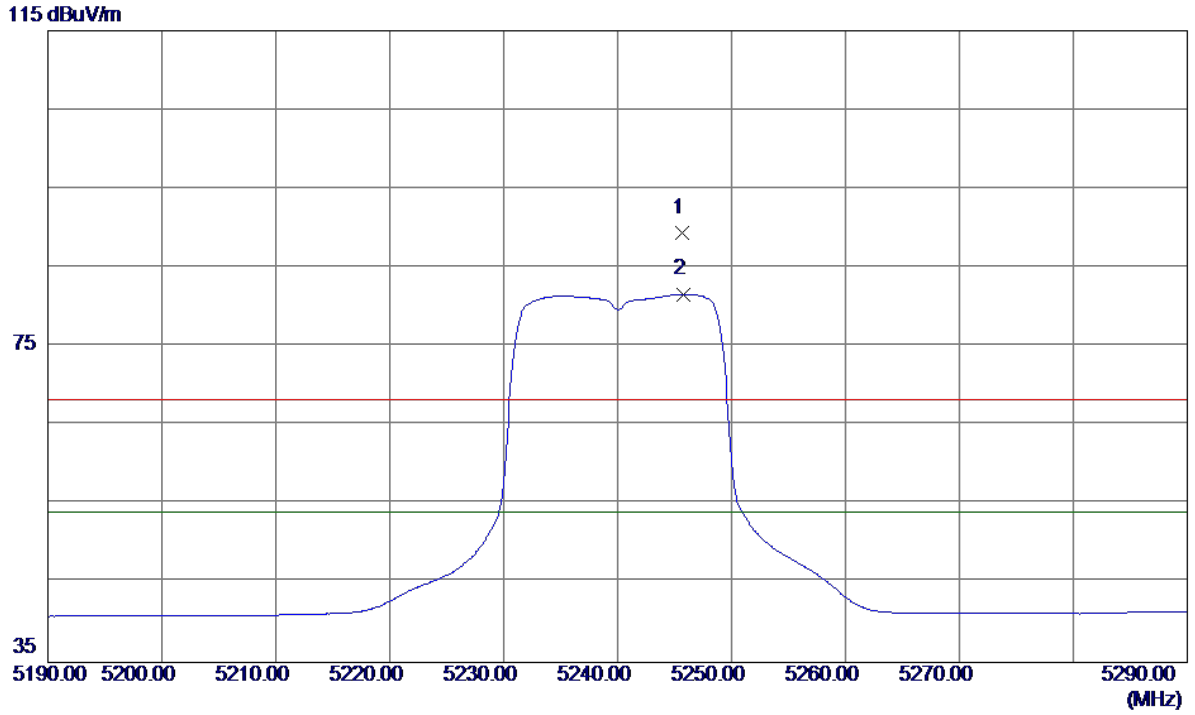
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.0400	20.84	17.22	38.06	54.00	-15.94	AVG	
2	10399.1100	32.06	17.22	49.28	68.30	-19.02	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

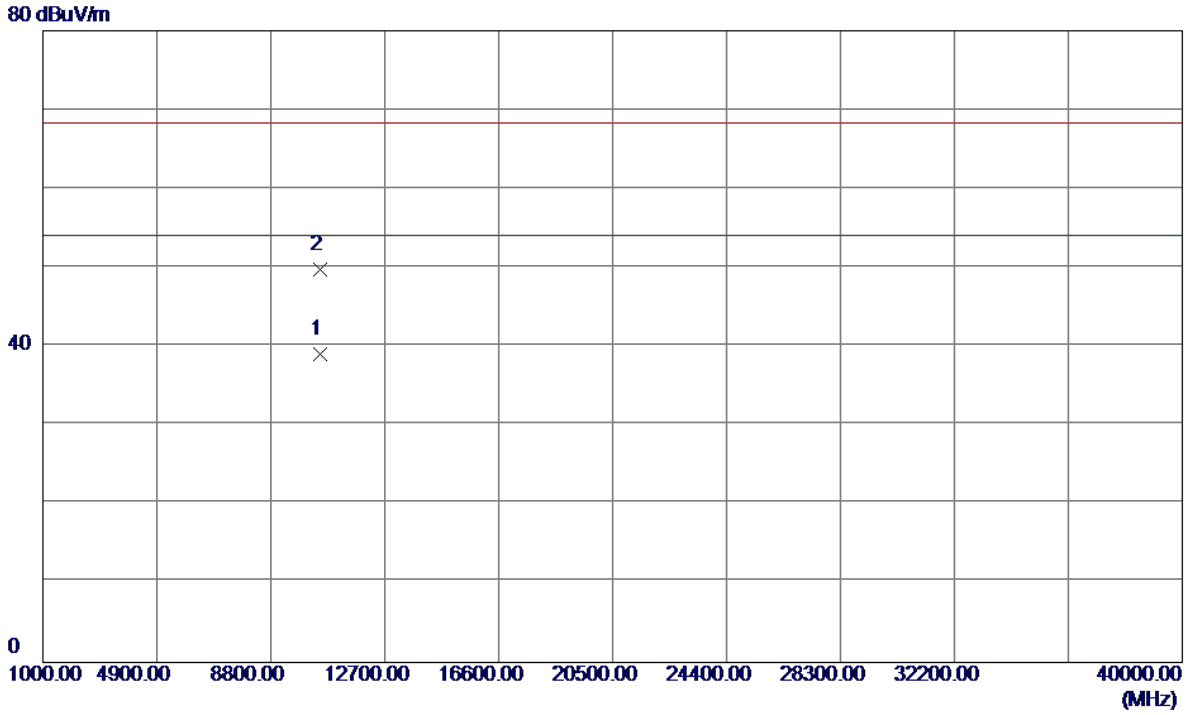
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5245.7000	47.81	41.59	89.40	68.30	21.10	Peak	No Limit
2 *	5245.8000	40.05	41.59	81.64	54.00	27.64	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

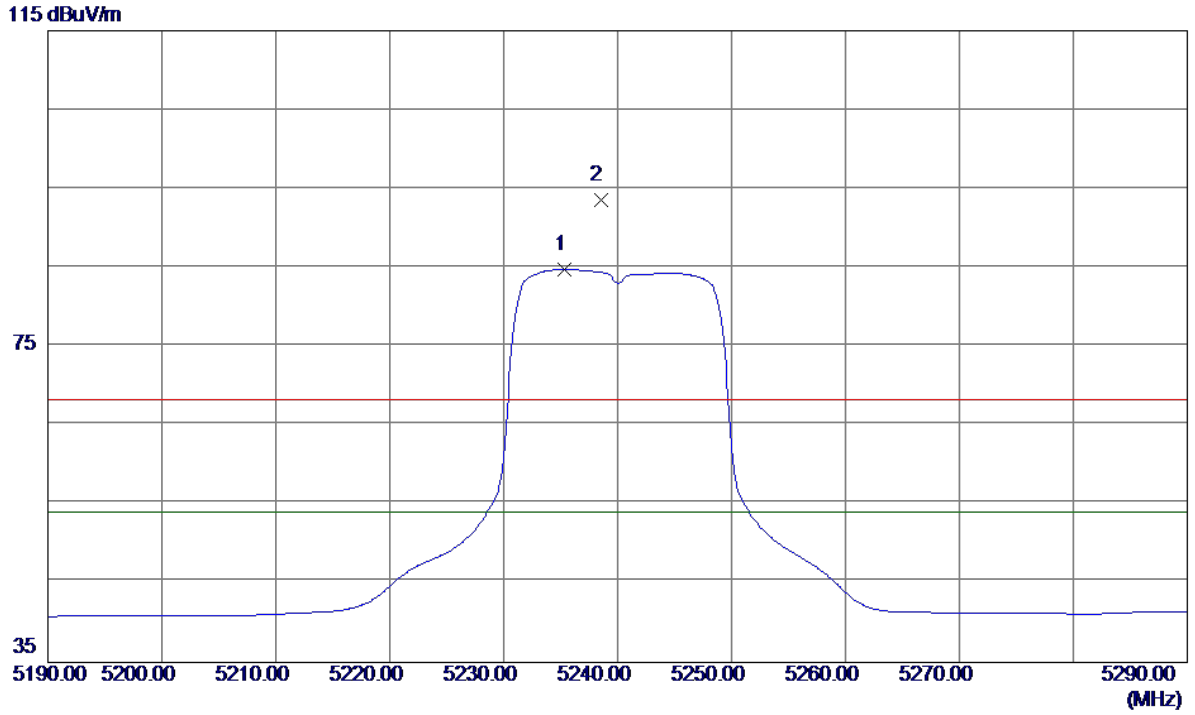
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.8600	21.64	17.44	39.08	54.00	-14.92	AVG	
2	10480.0740	32.34	17.44	49.78	68.30	-18.52	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

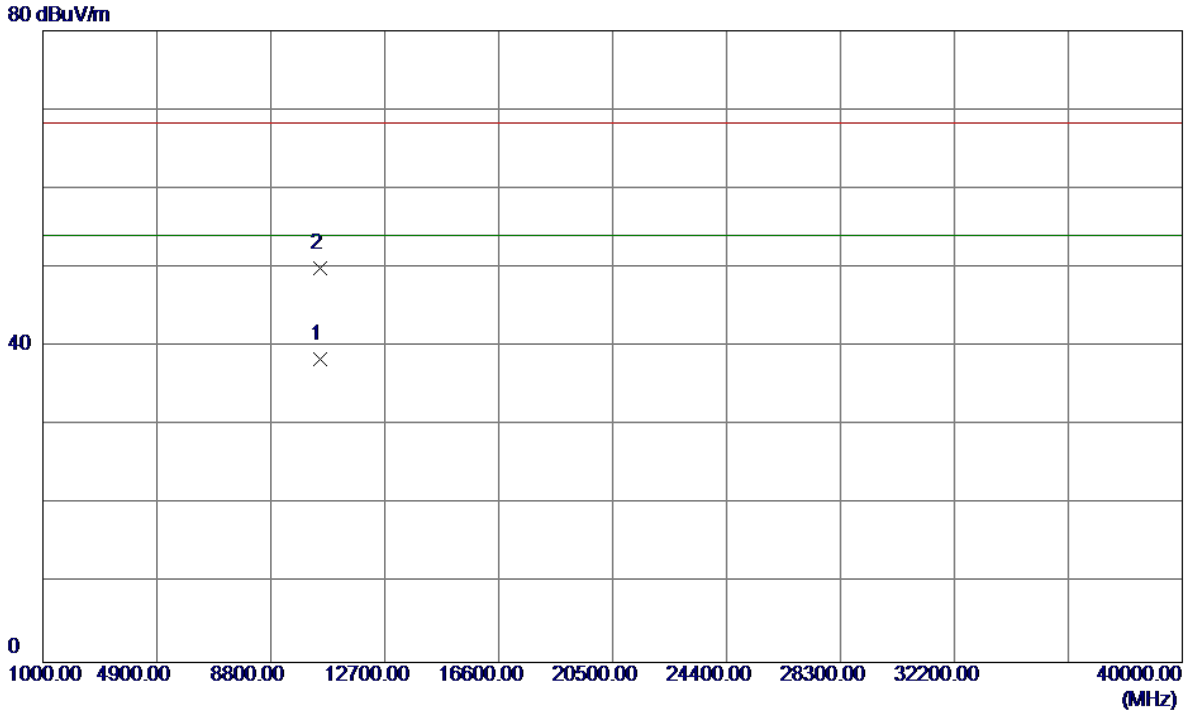
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5235.3000	43.23	41.54	84.77	54.00	30.77	AVG	No Limit
2	5238.5000	52.07	41.55	93.62	68.30	25.32	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

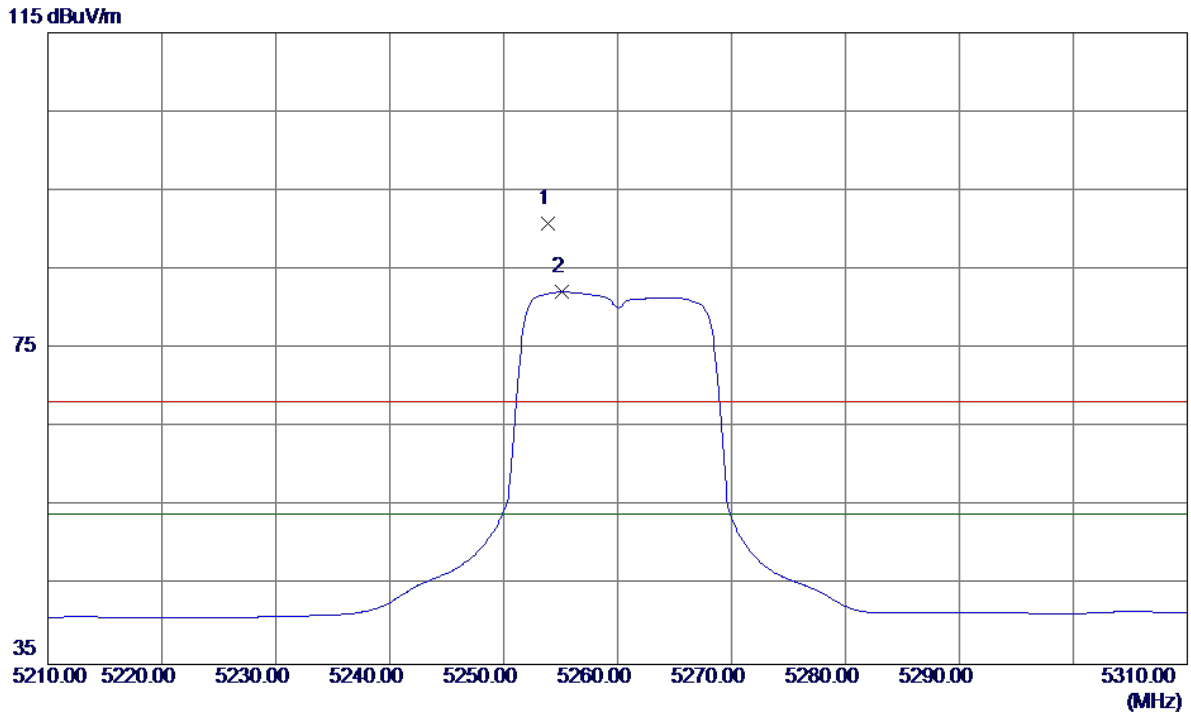
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.7859	20.98	17.44	38.42	54.00	-15.58	AVG	
2	10480.0560	32.53	17.44	49.97	68.30	-18.33	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

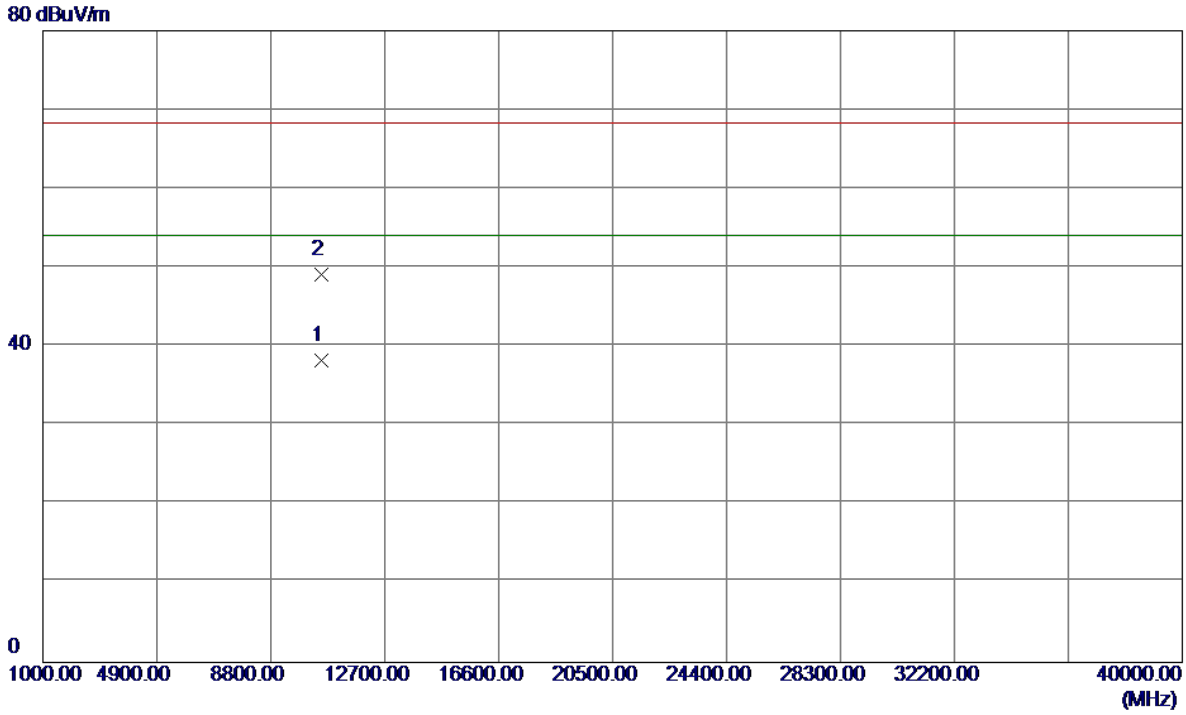
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5253.9000	49.26	41.63	90.89	68.30	22.59	Peak	No Limit
2 *	5255.1000	40.51	41.64	82.15	54.00	28.15	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

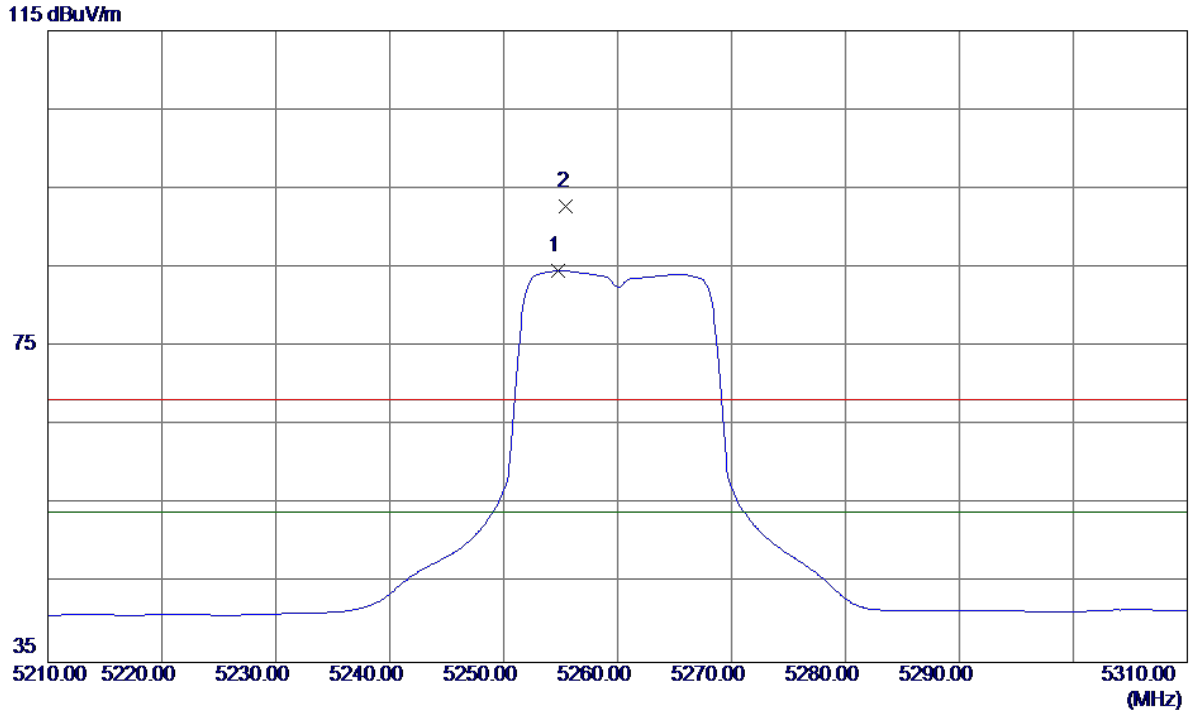
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.5599	20.69	17.48	38.17	54.00	-15.83	AVG	
2	10521.7900	31.62	17.47	49.09	68.30	-19.21	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

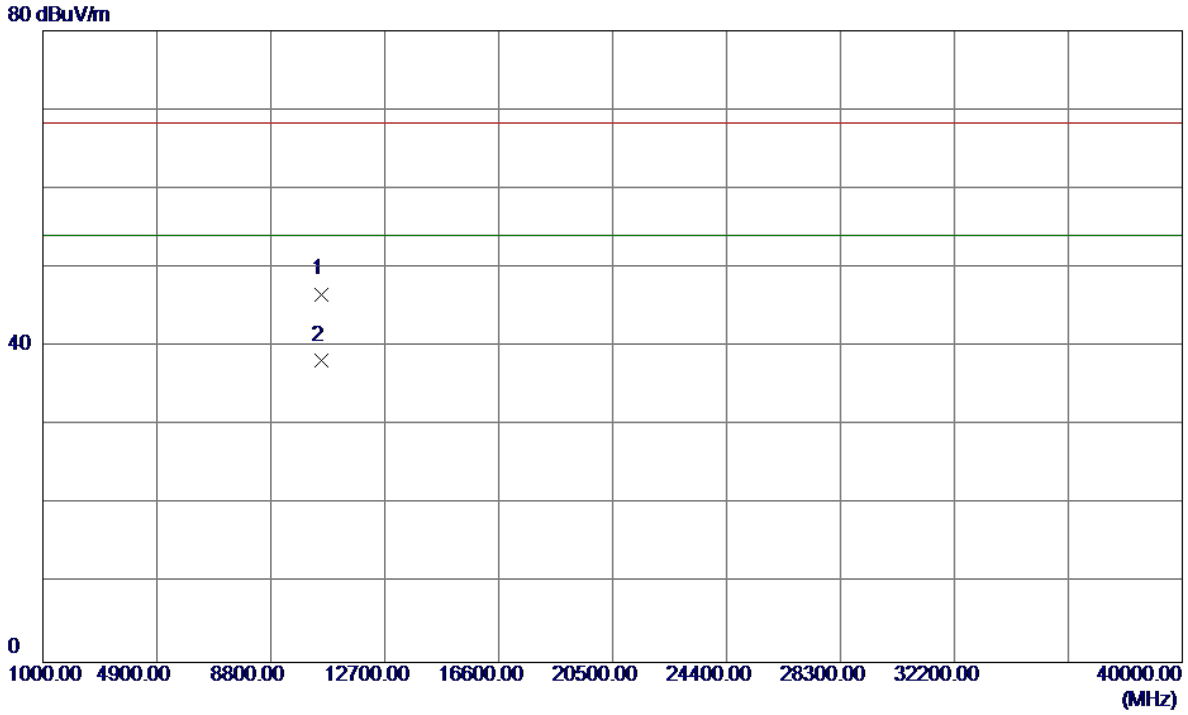
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5254.8000	42.95	41.63	84.58	54.00	30.58	AVG	No Limit
2	5255.5000	51.12	41.64	92.76	68.30	24.46	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

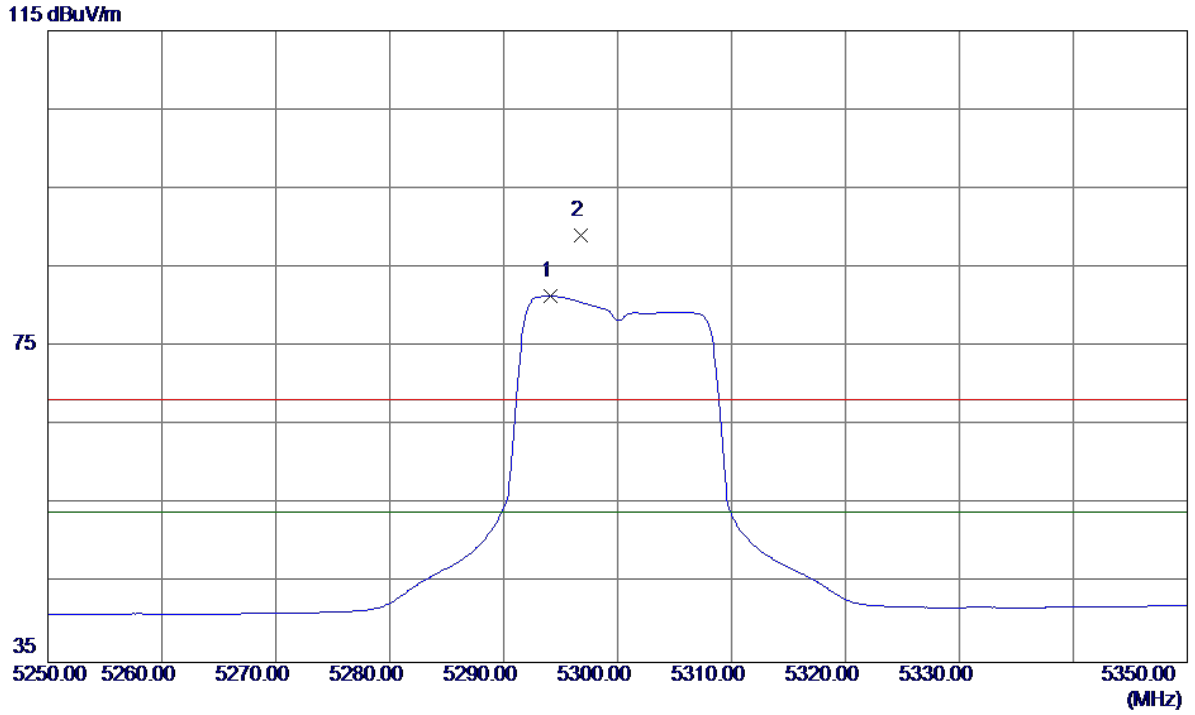
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10522.9100	29.17	17.47	46.64	68.30	-21.66	Peak	
2 *	10523.0100	20.83	17.47	38.30	54.00	-15.70	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

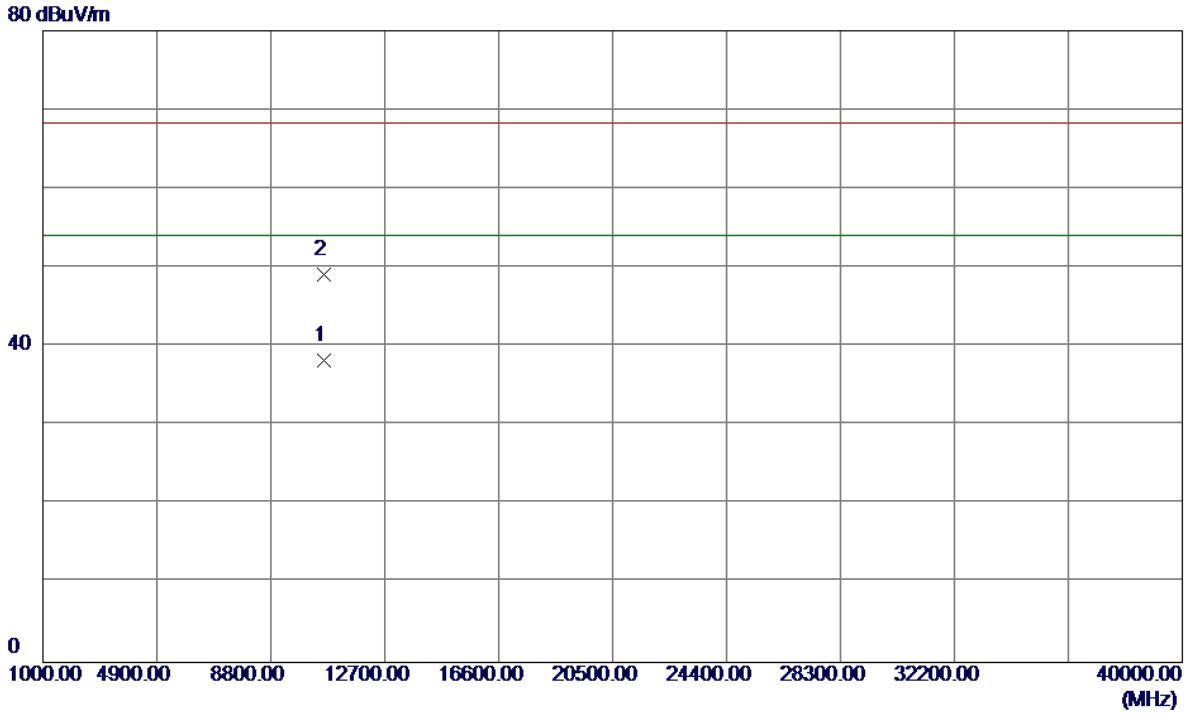
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5294.1000	39.56	41.83	81.39	54.00	27.39	AVG	No Limit
2	5296.8000	47.28	41.85	89.13	68.30	20.83	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

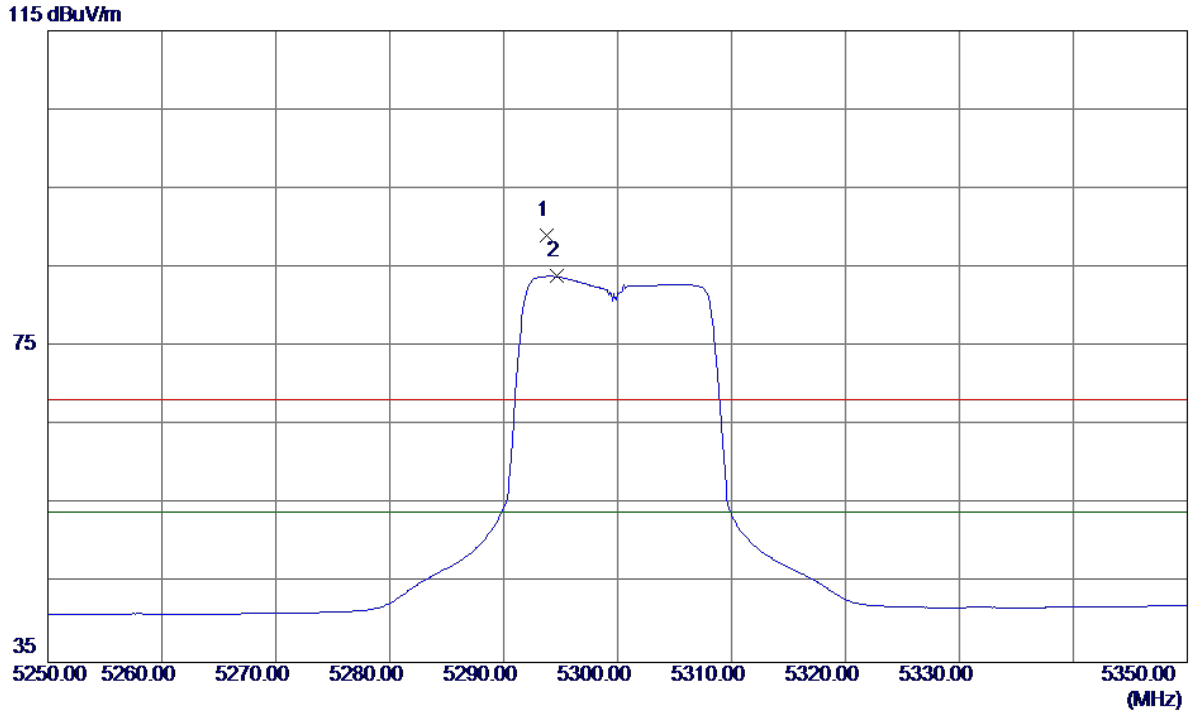
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10601.1300	20.90	17.38	38.28	54.00	-15.72	AVG	
2	10602.5500	31.73	17.38	49.11	68.30	-19.19	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

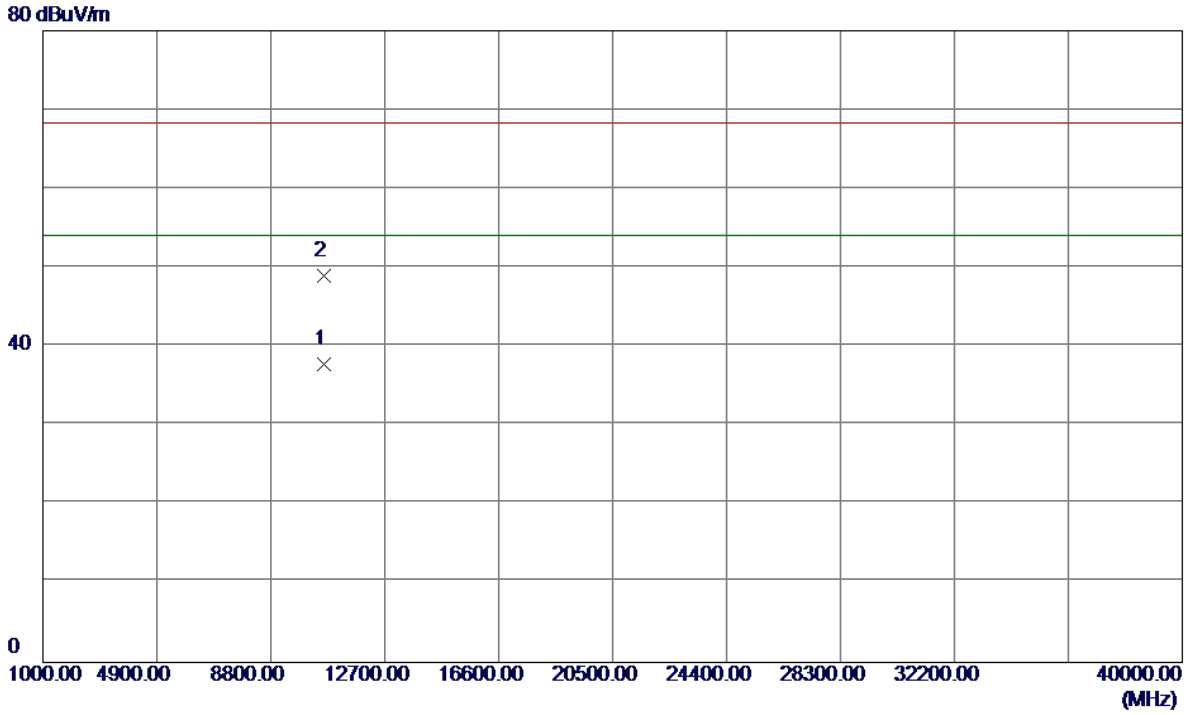
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5293.8000	47.30	41.83	89.13	68.30	20.83	Peak	No Limit
2 *	5294.6700	42.05	41.84	83.89	54.00	29.89	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

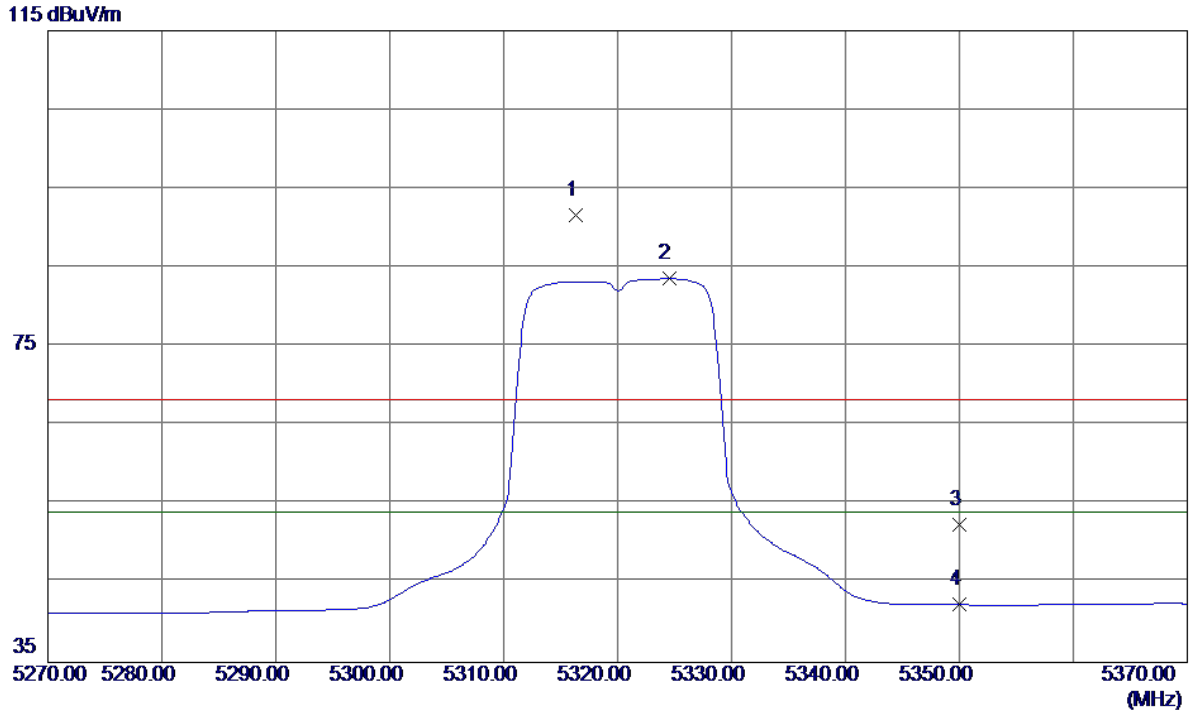
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.6700	20.32	17.38	37.70	54.00	-16.30	AVG	
2	10601.9800	31.65	17.38	49.03	68.30	-19.27	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

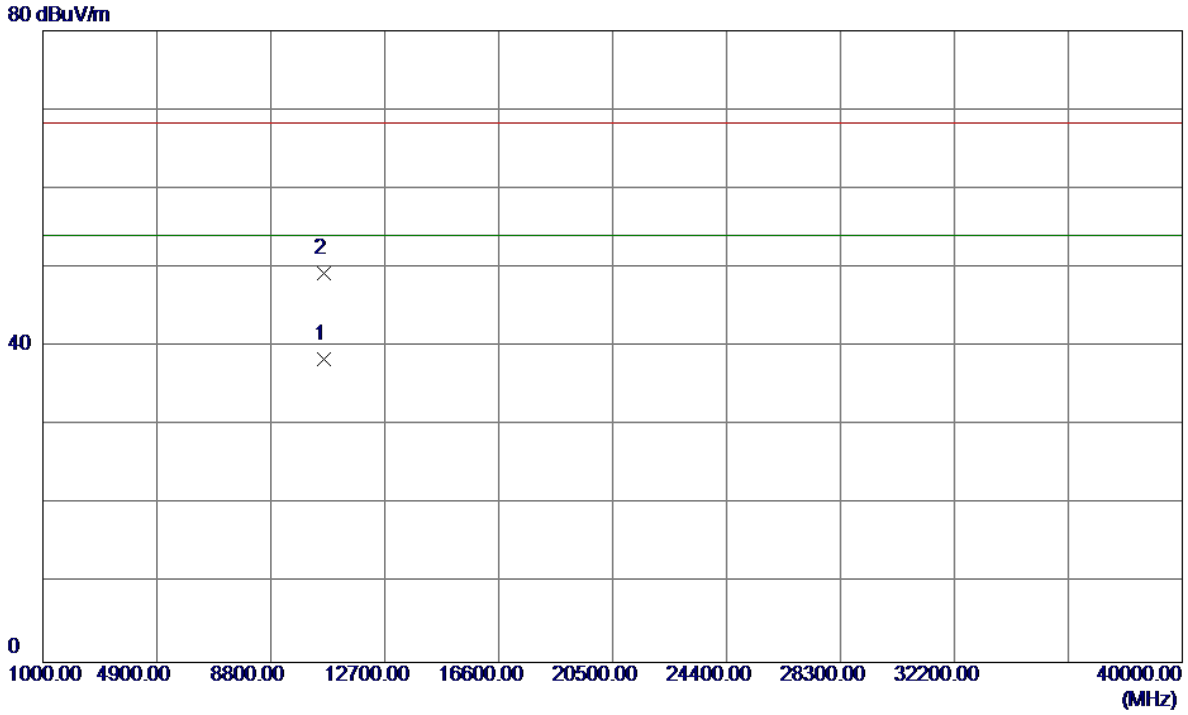
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5316.3000	49.67	41.95	91.62	68.30	23.32	Peak	No Limit
2 *	5324.5000	41.61	41.99	83.60	54.00	29.60	AVG	No Limit
3	5350.0000	10.39	42.12	52.51	68.30	-15.79	Peak	
4	5350.0000	0.18	42.12	42.30	54.00	-11.70	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

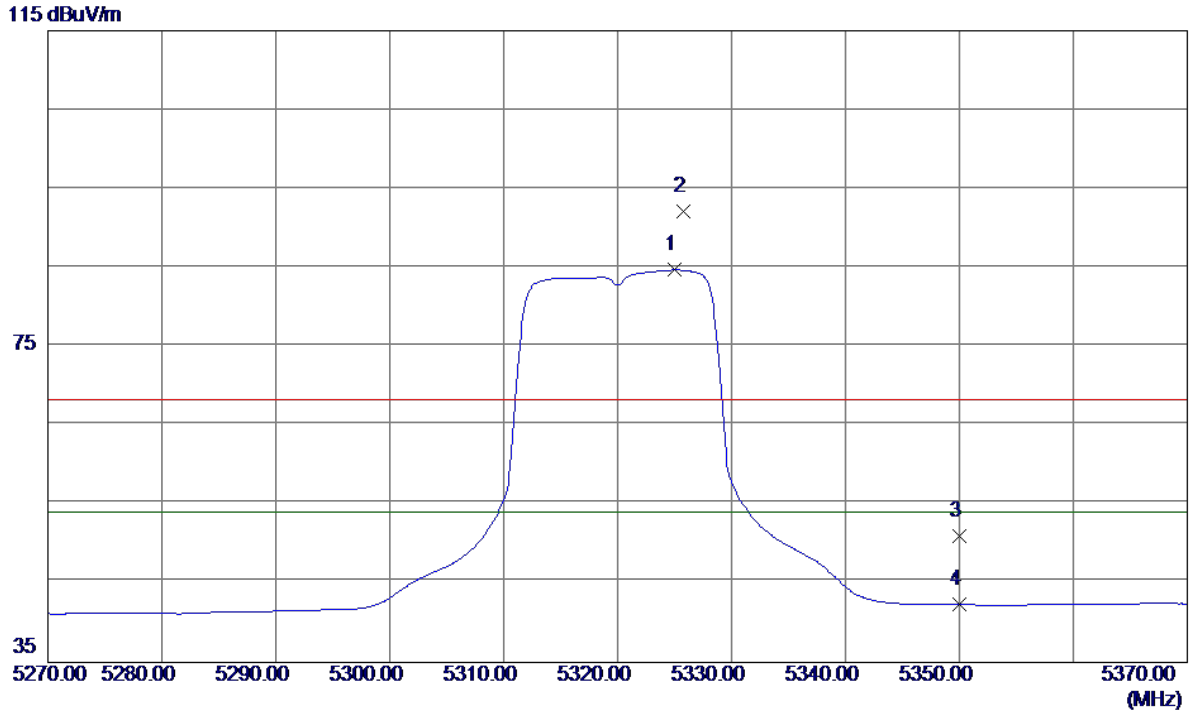
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10638.4500	21.06	17.33	38.39	54.00	-15.61	AVG	
2	10640.4000	31.88	17.33	49.21	68.30	-19.09	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

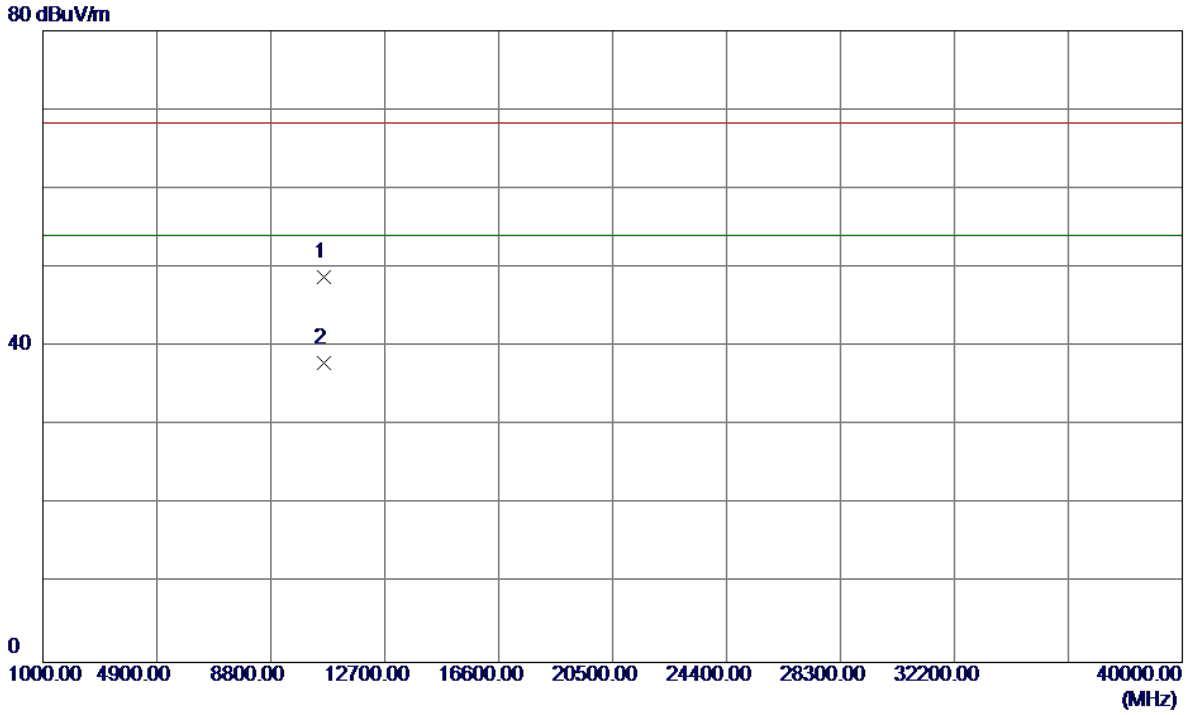
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5325.0000	42.70	41.99	84.69	54.00	30.69	AVG	No Limit
2	5325.8000	50.20	41.99	92.19	68.30	23.89	Peak	No Limit
3	5350.0000	8.89	42.12	51.01	68.30	-17.29	Peak	
4	5350.0000	0.21	42.12	42.33	54.00	-11.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

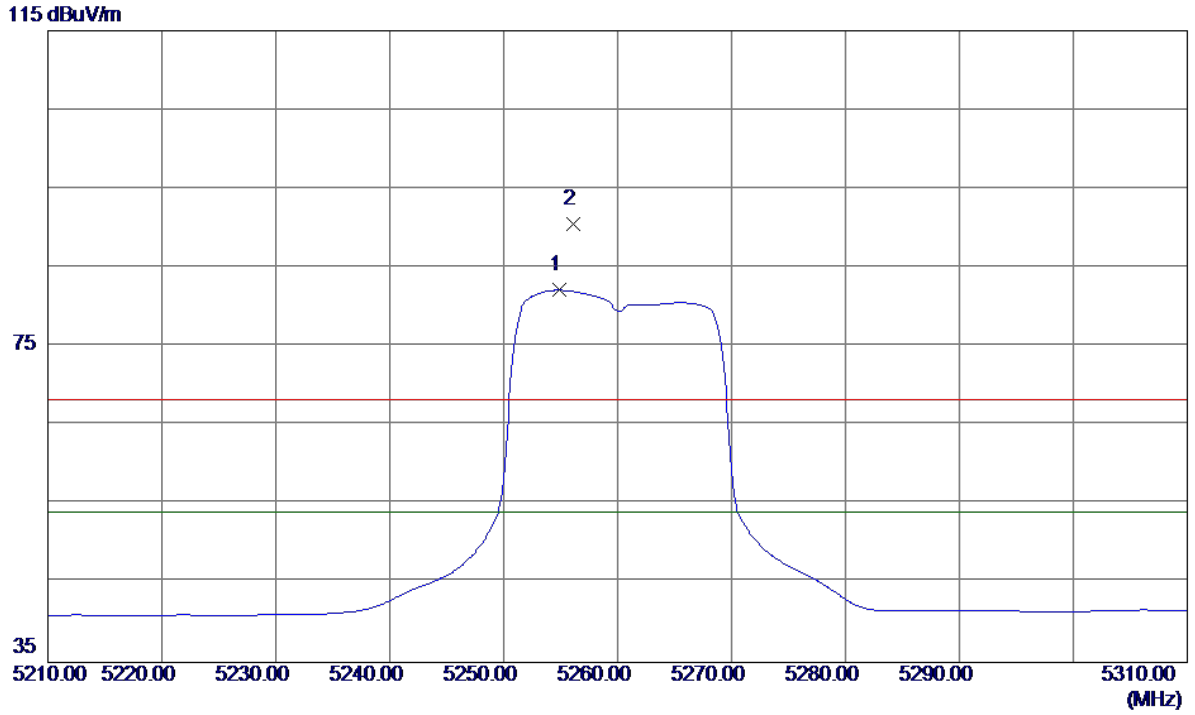
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10638.1500	31.48	17.33	48.81	68.30	-19.49	Peak	
2 *	10639.1500	20.61	17.33	37.94	54.00	-16.06	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

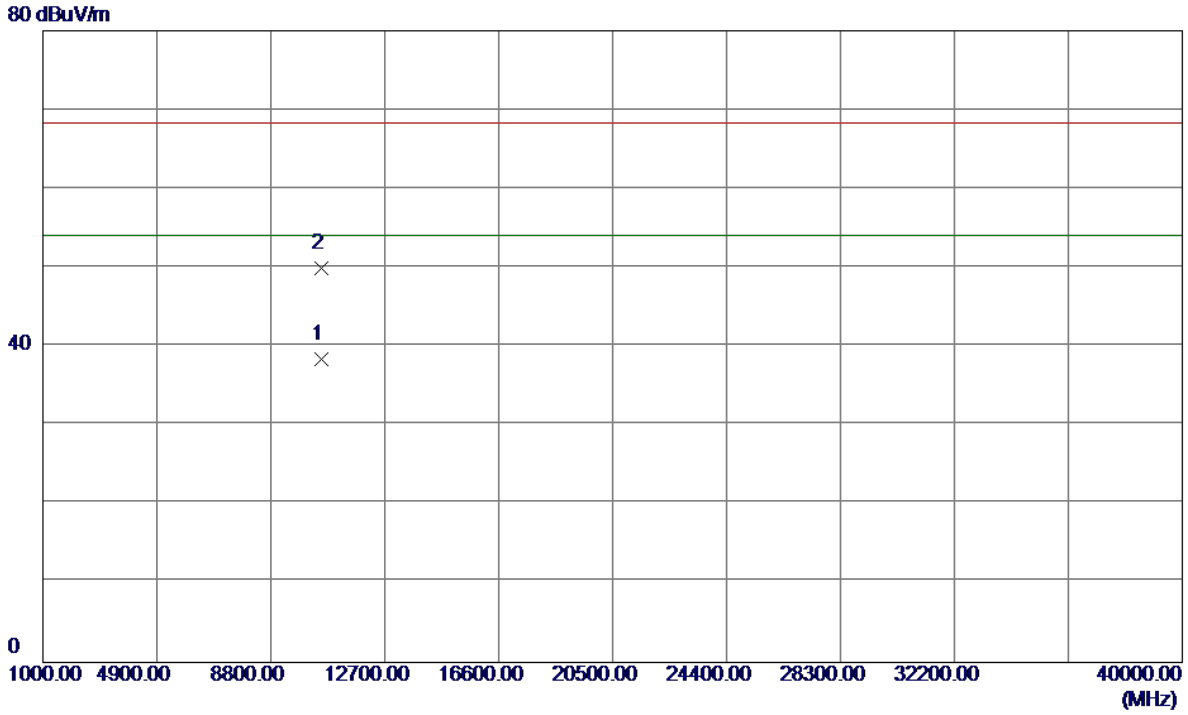
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5254.9000	40.50	41.63	82.13	54.00	28.13	AVG	No Limit
2	5256.1000	48.86	41.64	90.50	68.30	22.20	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

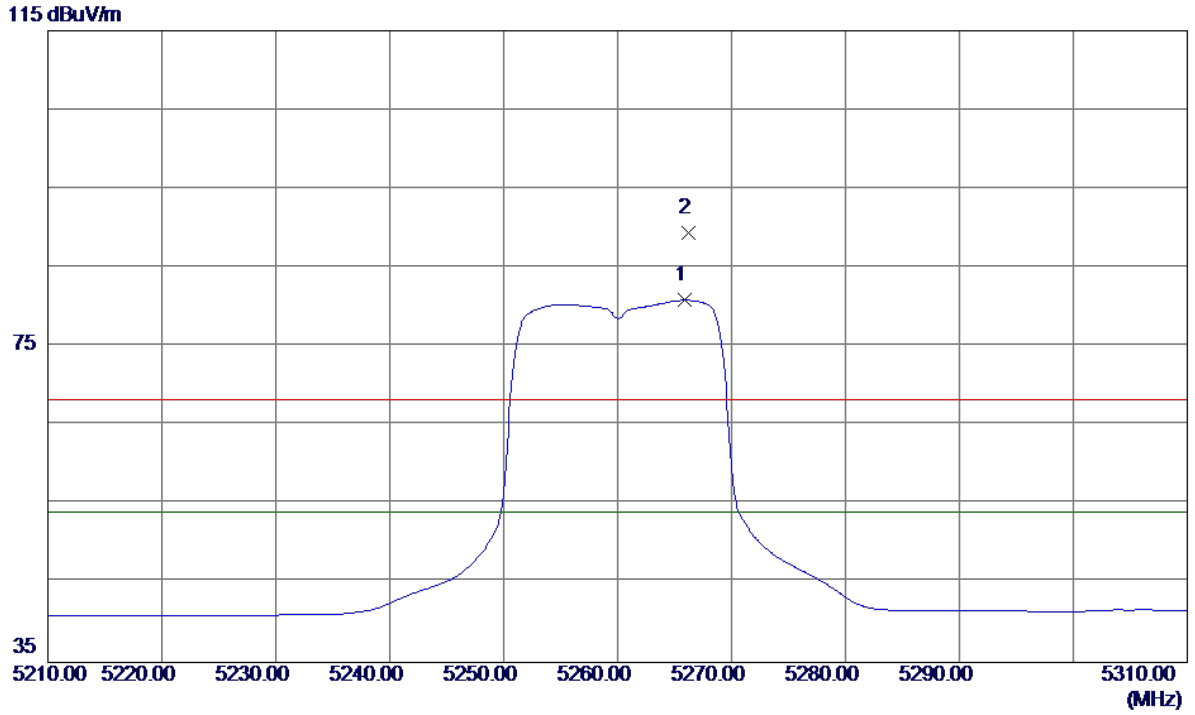
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.0279	20.92	17.48	38.40	54.00	-15.60	AVG	
2	10520.4760	32.48	17.48	49.96	68.30	-18.34	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

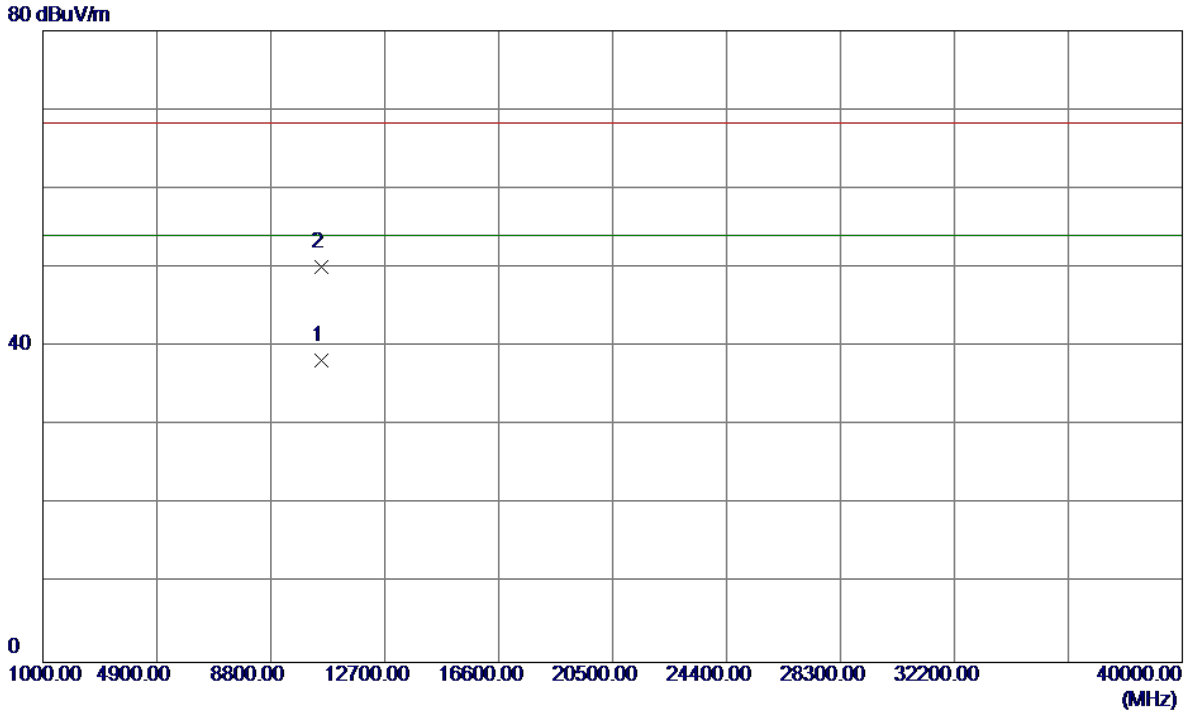
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5265.9000	39.17	41.69	80.86	54.00	26.86	AVG	No Limit
2	5266.2000	47.69	41.69	89.38	68.30	21.08	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

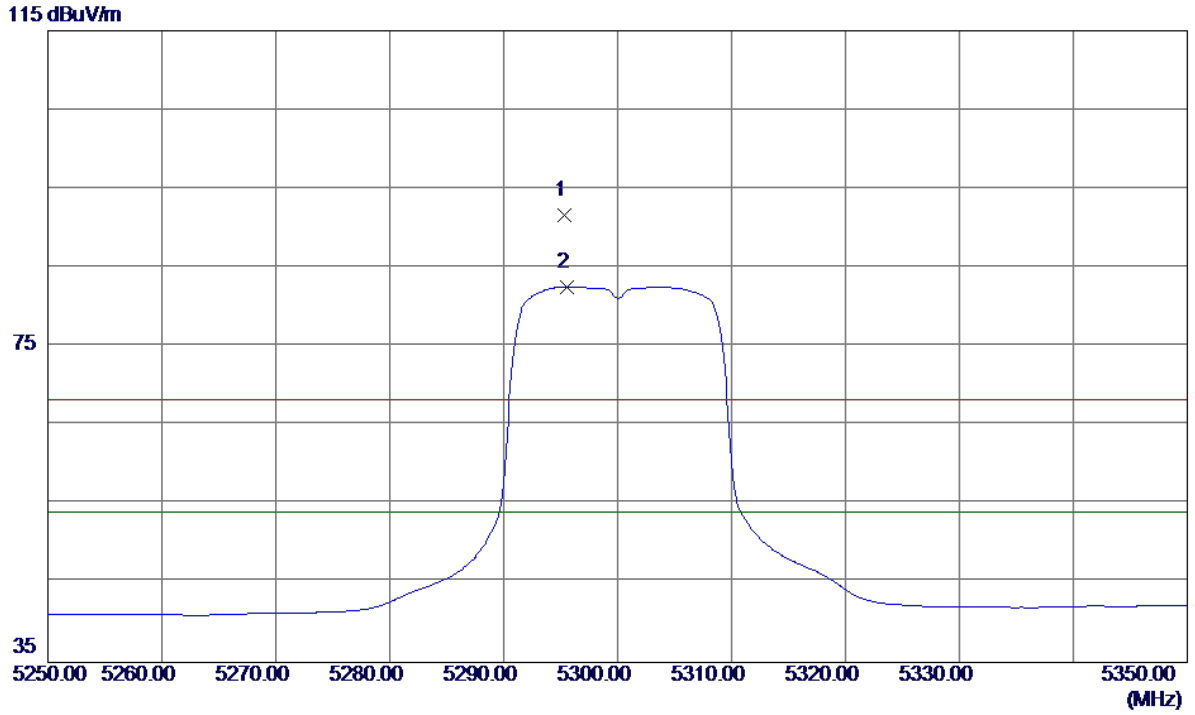
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.2400	20.83	17.48	38.31	54.00	-15.69	AVG	
2	10520.6120	32.68	17.48	50.16	68.30	-18.14	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

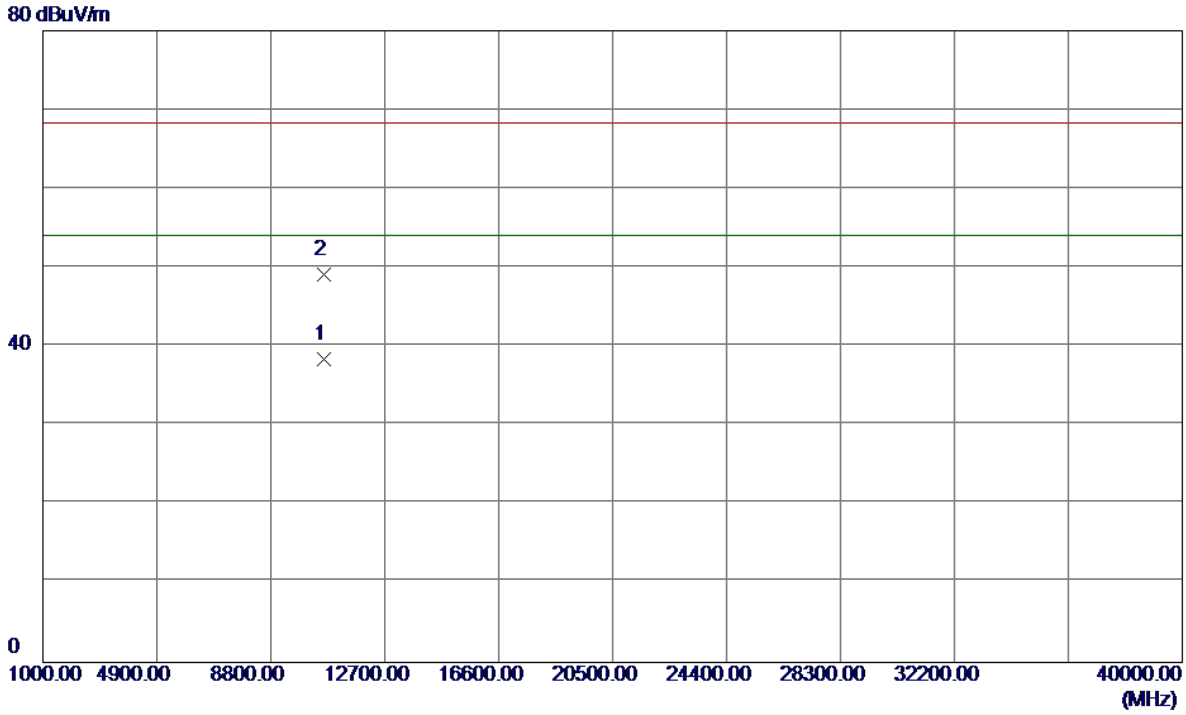
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5295.3000	49.75	41.84	91.59	68.30	23.29	Peak	No Limit
2 *	5295.6000	40.70	41.84	82.54	54.00	28.54	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

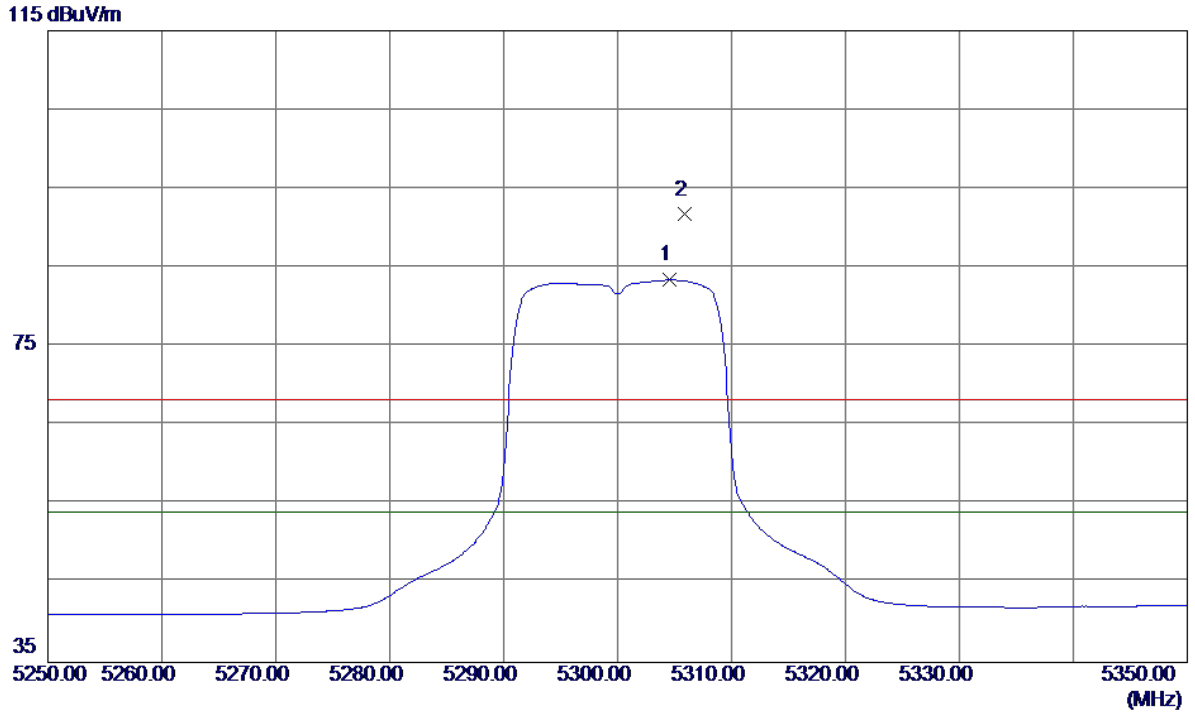
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.2100	21.01	17.38	38.39	54.00	-15.61	AVG	
2	10599.7020	31.67	17.38	49.05	68.30	-19.25	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

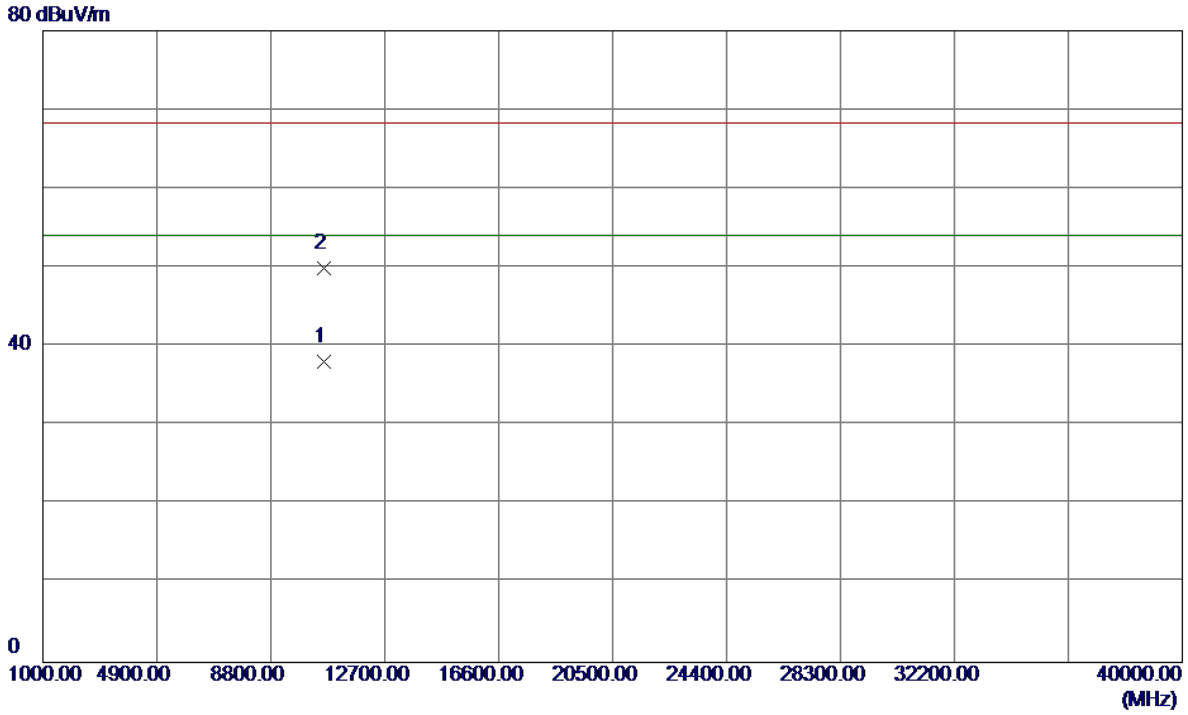
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5304.6000	41.52	41.89	83.41	54.00	29.41	AVG	No Limit
2	5305.9000	49.83	41.89	91.72	68.30	23.42	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

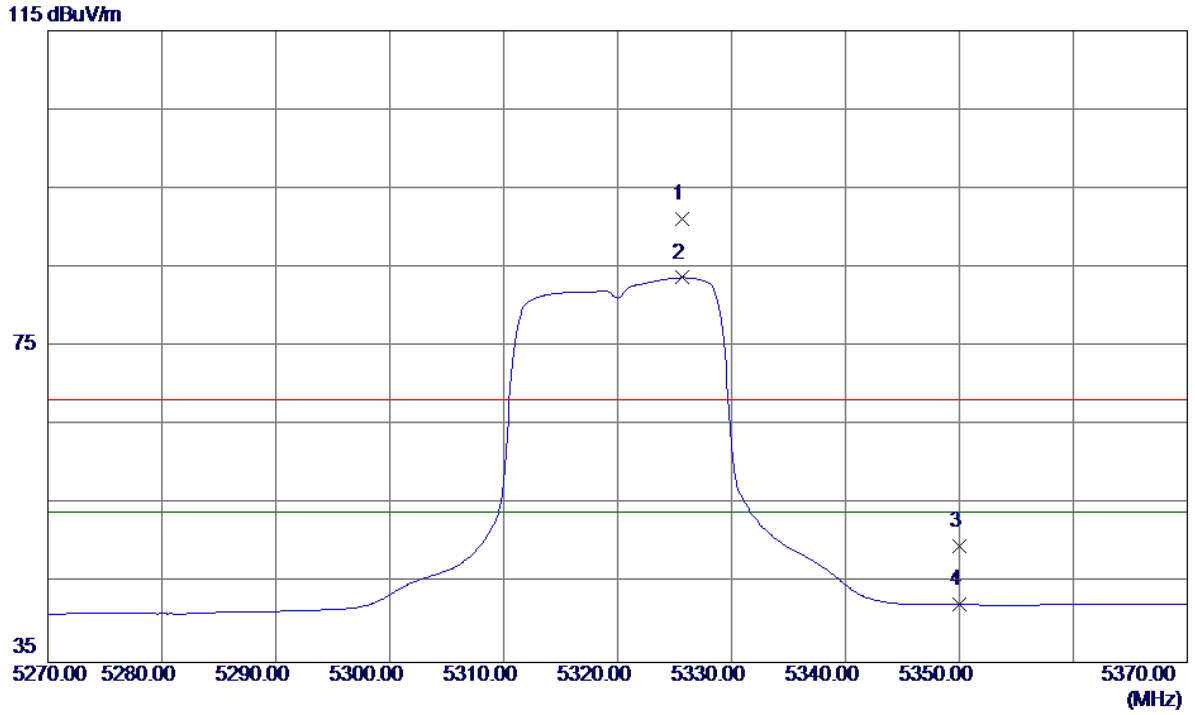
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10599.8680	20.76	17.38	38.14	54.00	-15.86	AVG	
2	10600.1840	32.51	17.38	49.89	68.30	-18.41	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

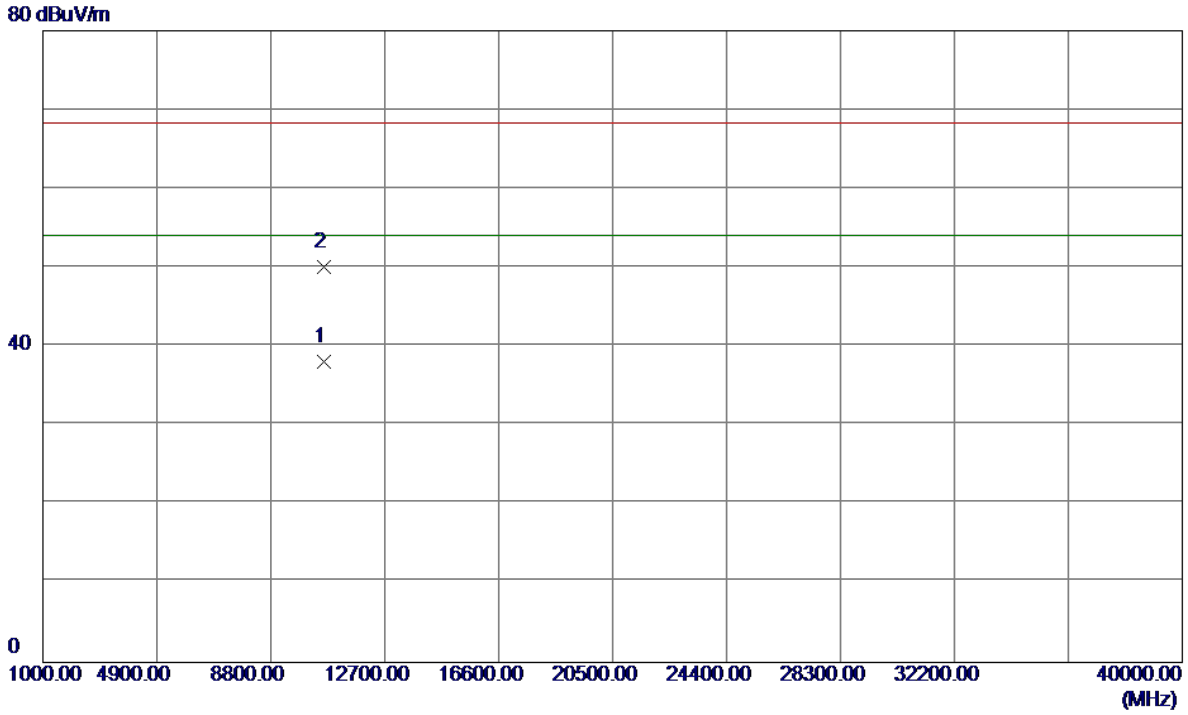
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5325.7000	49.23	41.99	91.22	68.30	22.92	Peak	No Limit
2 *	5325.7000	41.73	41.99	83.72	54.00	29.72	AVG	No Limit
3	5350.0000	7.63	42.12	49.75	68.30	-18.55	Peak	
4	5350.0000	0.21	42.12	42.33	54.00	-11.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

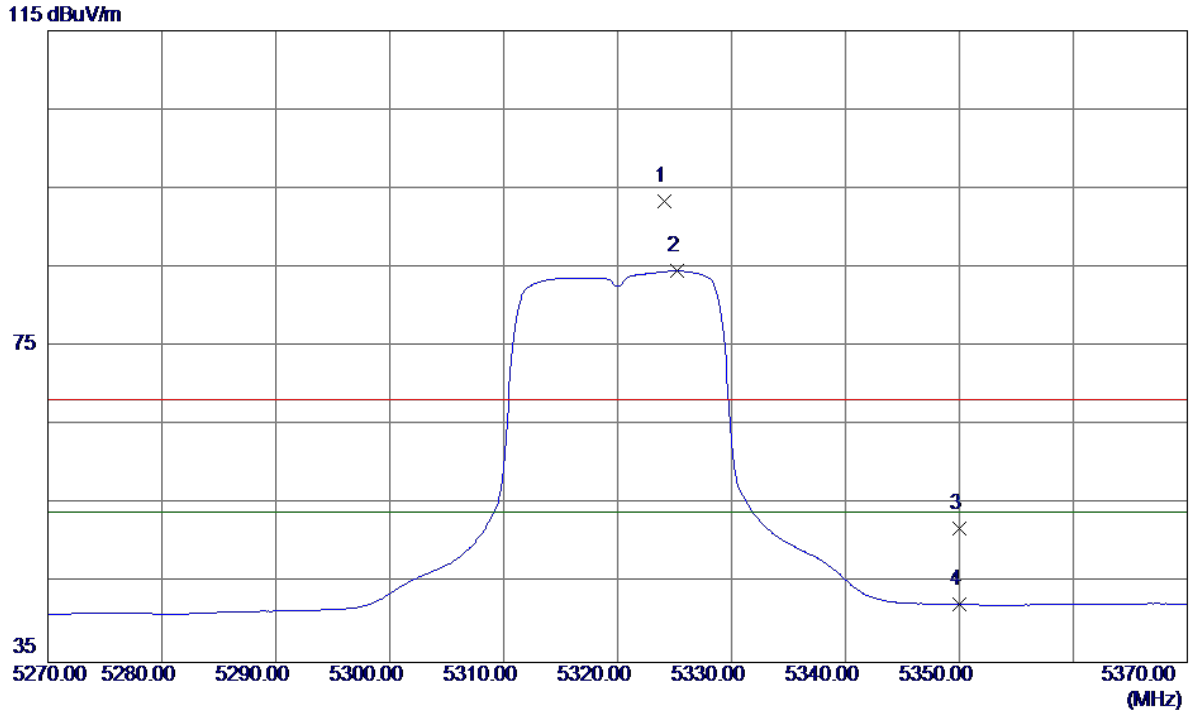
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10639.5800	20.76	17.33	38.09	54.00	-15.91	AVG	
2	10639.6100	32.74	17.33	50.07	68.30	-18.23	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

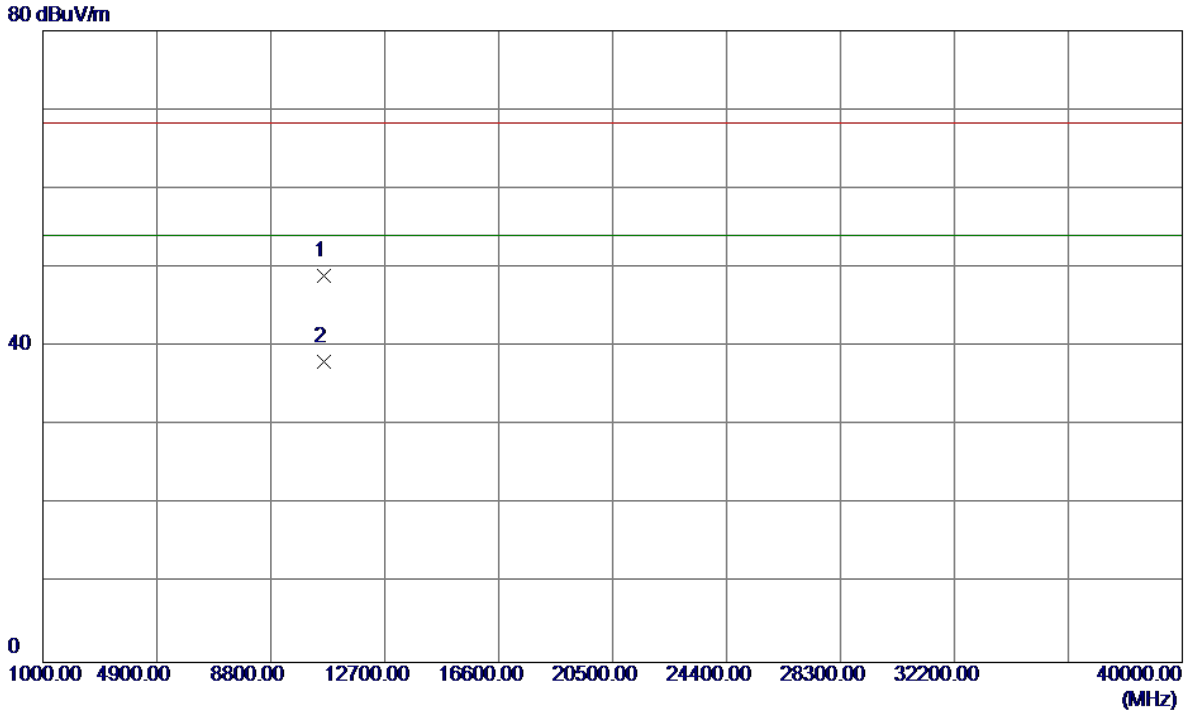
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5324.1000	51.40	41.99	93.39	68.30	25.09	Peak	No Limit
2 *	5325.2000	42.58	41.99	84.57	54.00	30.57	AVG	No Limit
3	5350.0000	9.77	42.12	51.89	68.30	-16.41	Peak	
4	5350.0000	0.23	42.12	42.35	54.00	-11.65	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

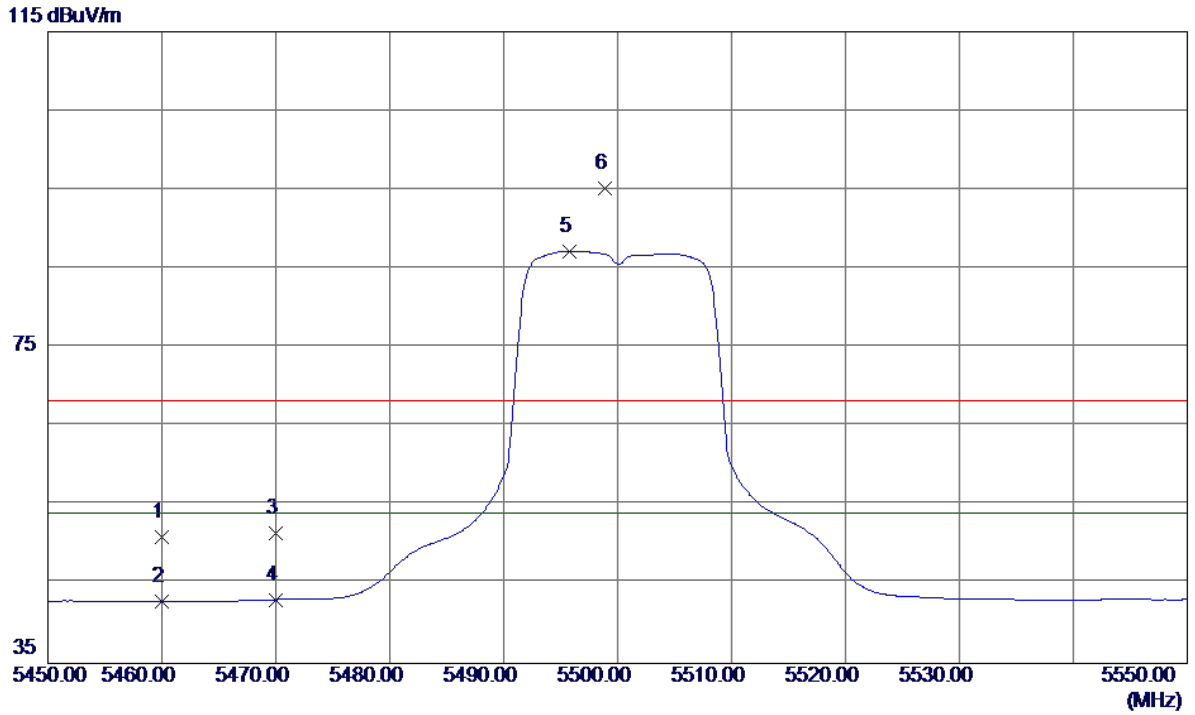
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0480	31.57	17.33	48.90	68.30	-19.40	Peak	
2 *	10640.0480	20.72	17.33	38.05	54.00	-15.95	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

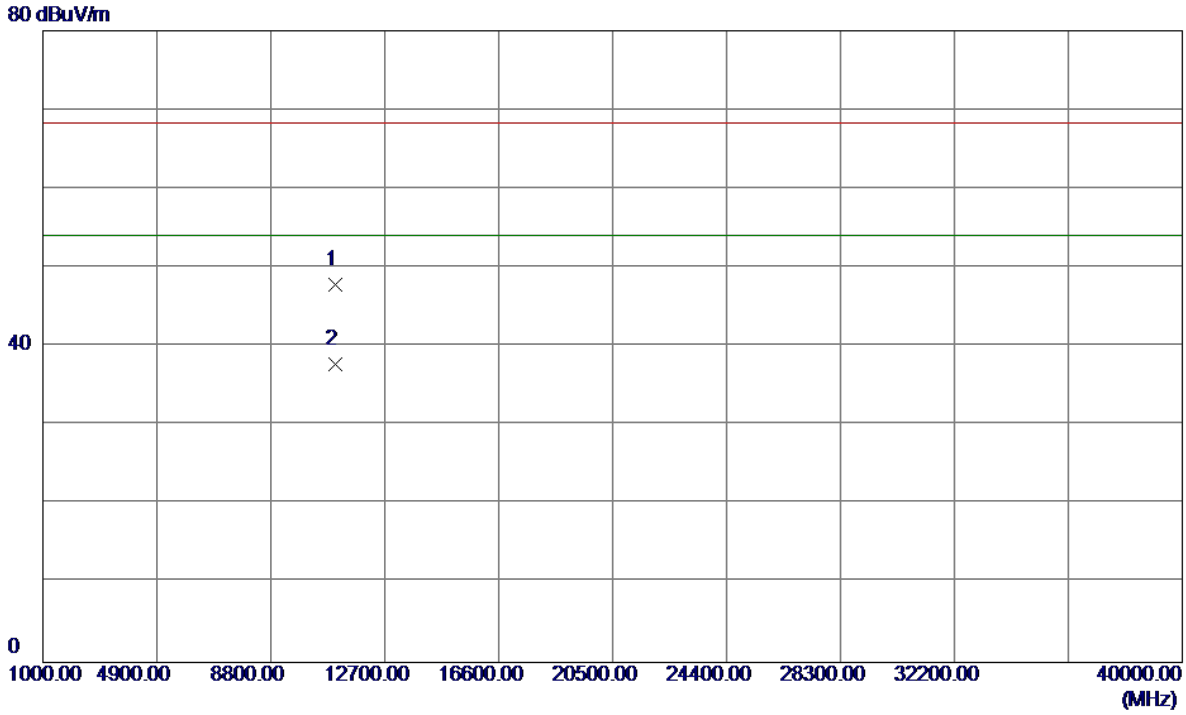
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	8.33	42.68	51.01	68.30	-17.29	Peak	
2	5460.0000	0.18	42.68	42.86	54.00	-11.14	AVG	
3	5470.0000	8.81	42.73	51.54	68.30	-16.76	Peak	
4	5470.0000	0.34	42.73	43.07	54.00	-10.93	AVG	
5 *	5495.8000	44.33	42.86	87.19	54.00	33.19	AVG	No Limit
6	5498.9000	52.26	42.87	95.13	68.30	26.83	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

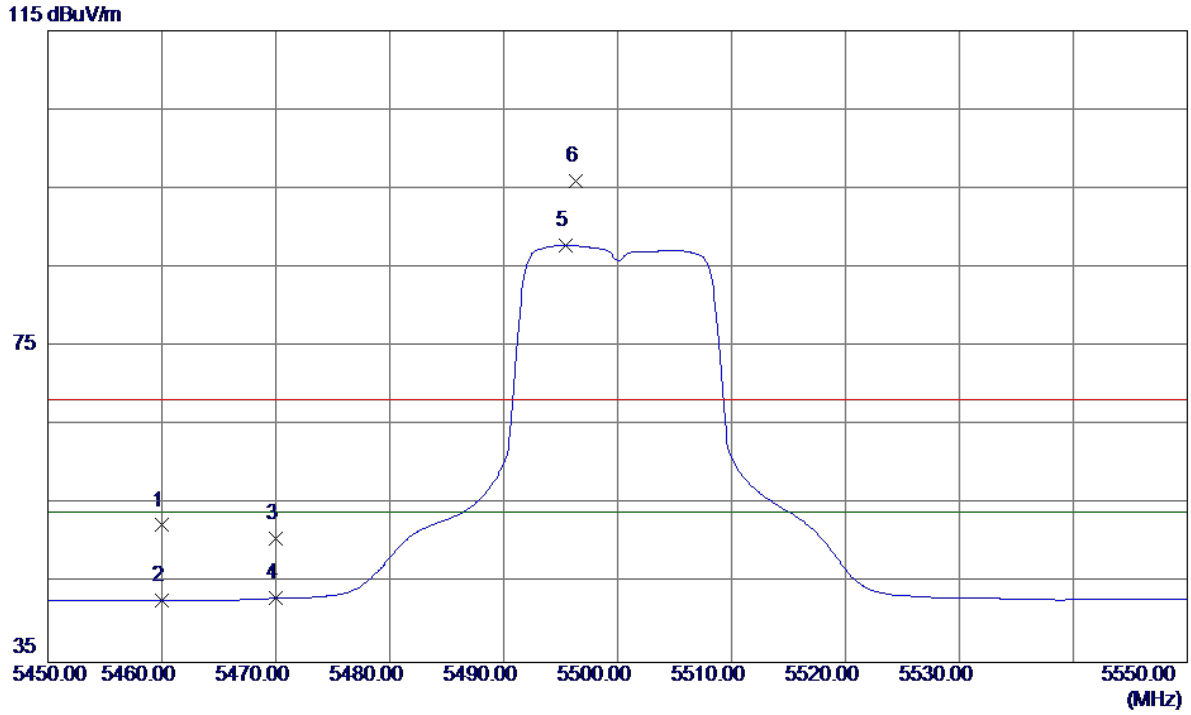
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10998.4000	30.96	16.90	47.86	68.30	-20.44	Peak	
2 *	10999.1500	20.82	16.90	37.72	54.00	-16.28	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

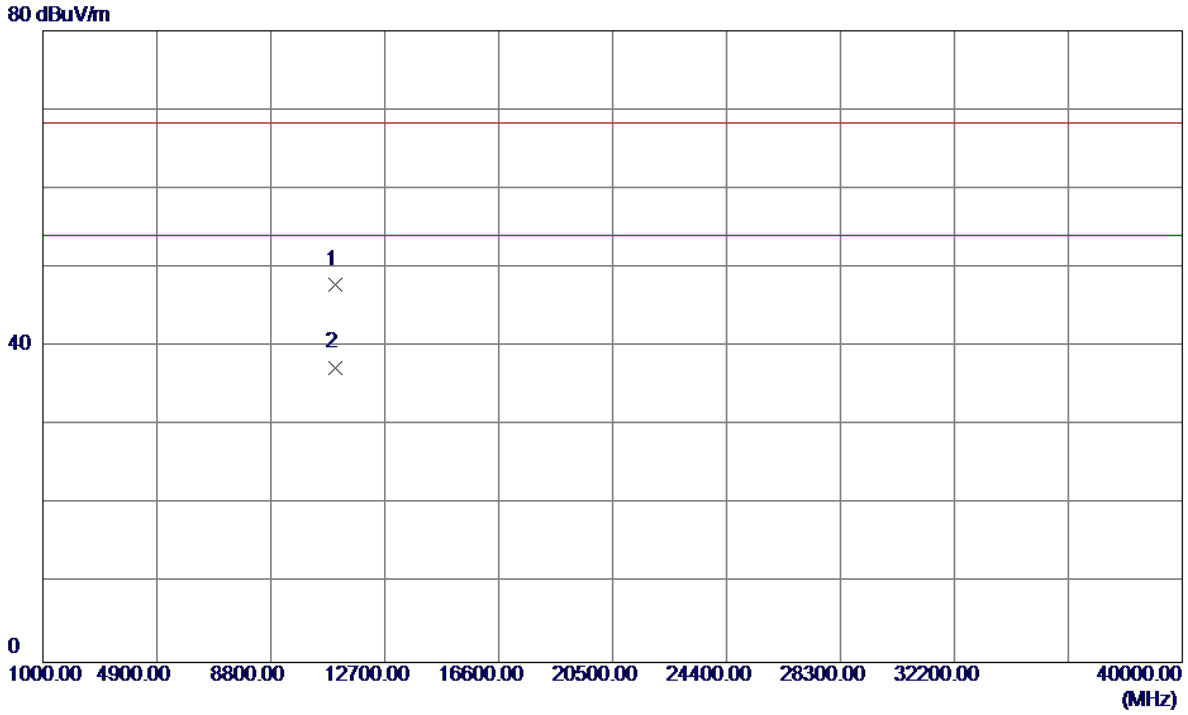
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	9.68	42.68	52.36	68.30	-15.94	Peak	
2	5460.0000	0.15	42.68	42.83	54.00	-11.17	AVG	
3	5470.0000	7.98	42.73	50.71	68.30	-17.59	Peak	
4	5470.0000	0.37	42.73	43.10	54.00	-10.90	AVG	
5 *	5495.4000	44.96	42.86	87.82	54.00	33.82	AVG	No Limit
6	5496.3000	53.04	42.86	95.90	68.30	27.60	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

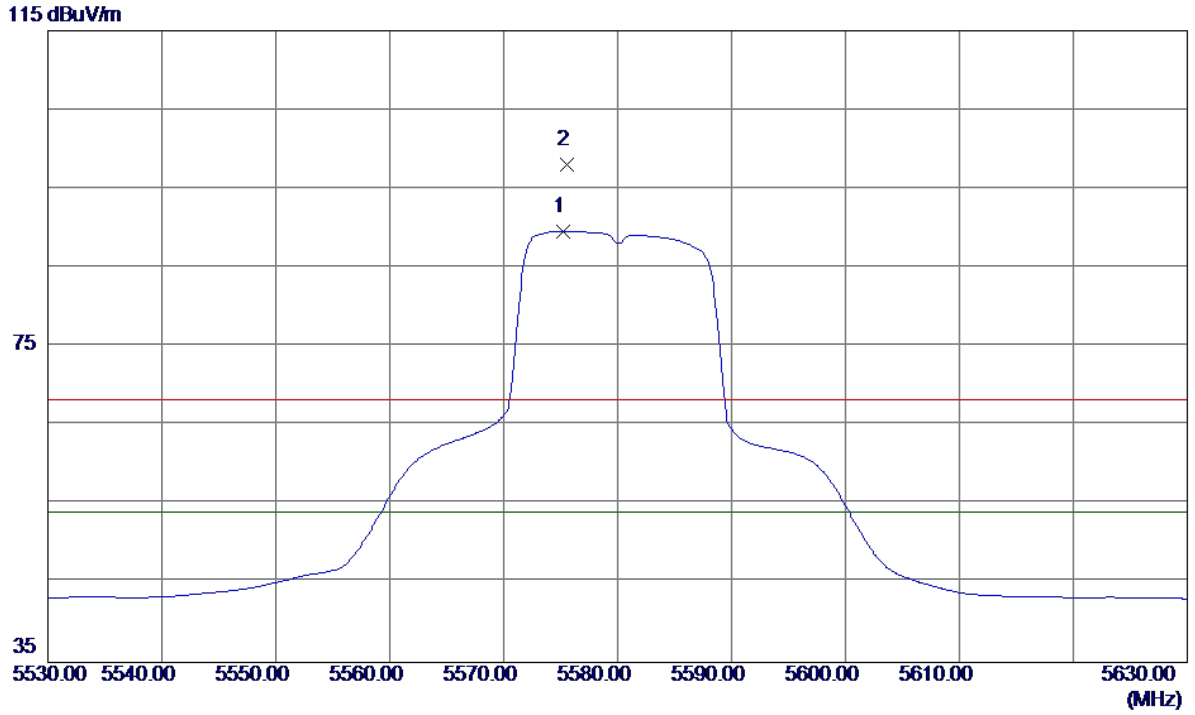
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10991.6000	30.89	16.91	47.80	68.30	-20.50	Peak	
2 *	10996.3500	20.46	16.90	37.36	54.00	-16.64	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

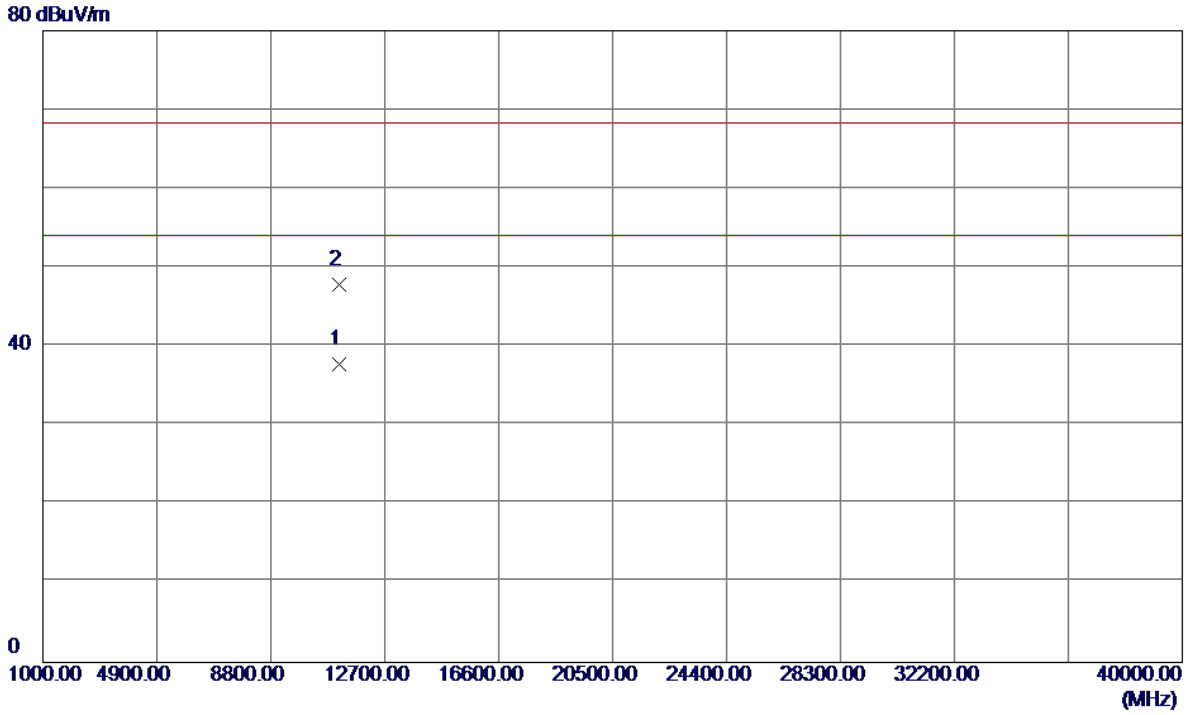
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5575.2000	46.50	43.11	89.61	54.00	35.61	AVG	No Limit
2	5575.6000	54.98	43.11	98.09	68.30	29.79	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

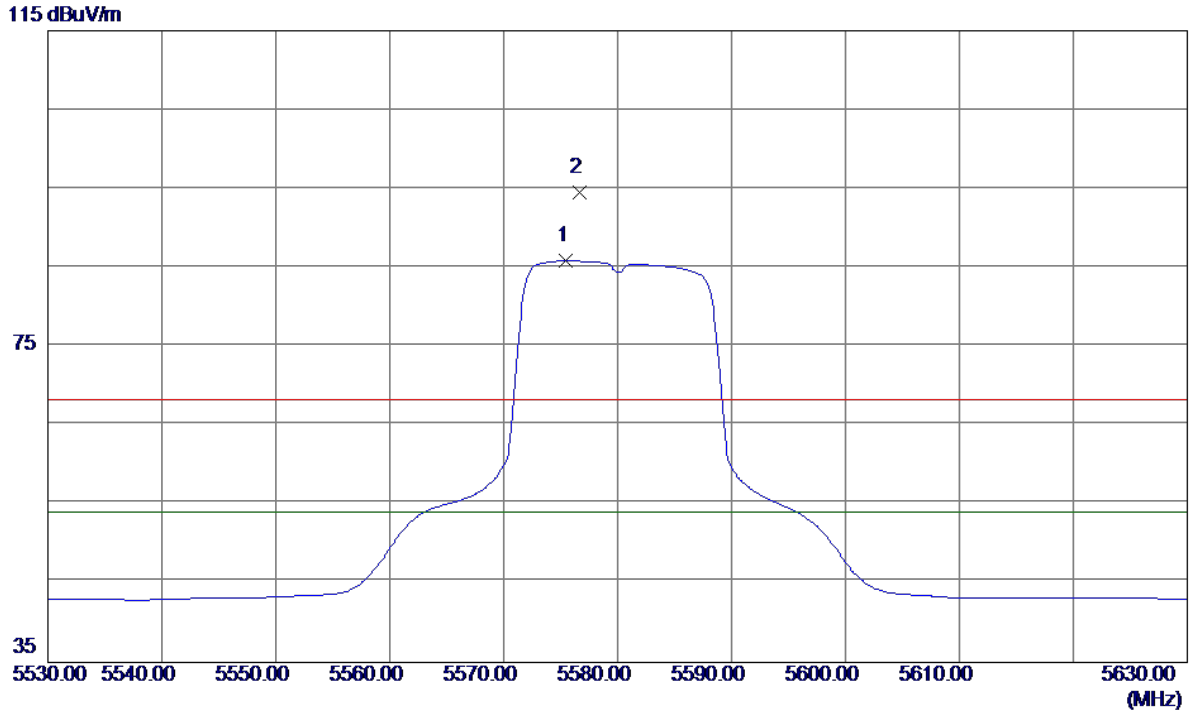
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11154.0500	20.38	17.31	37.69	54.00	-16.31	AVG	
2	11157.5500	30.45	17.32	47.77	68.30	-20.53	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

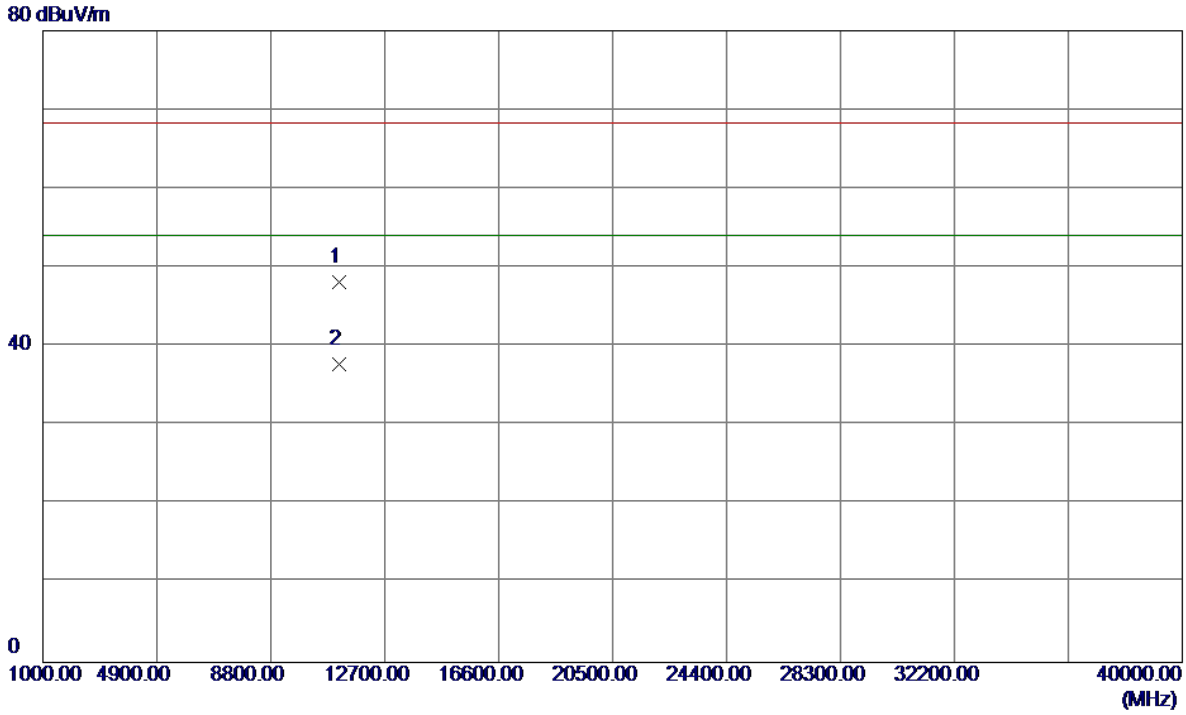
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5575.5000	42.73	43.11	85.84	54.00	31.84	AVG	No Limit
2	5576.7000	51.35	43.11	94.46	68.30	26.16	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

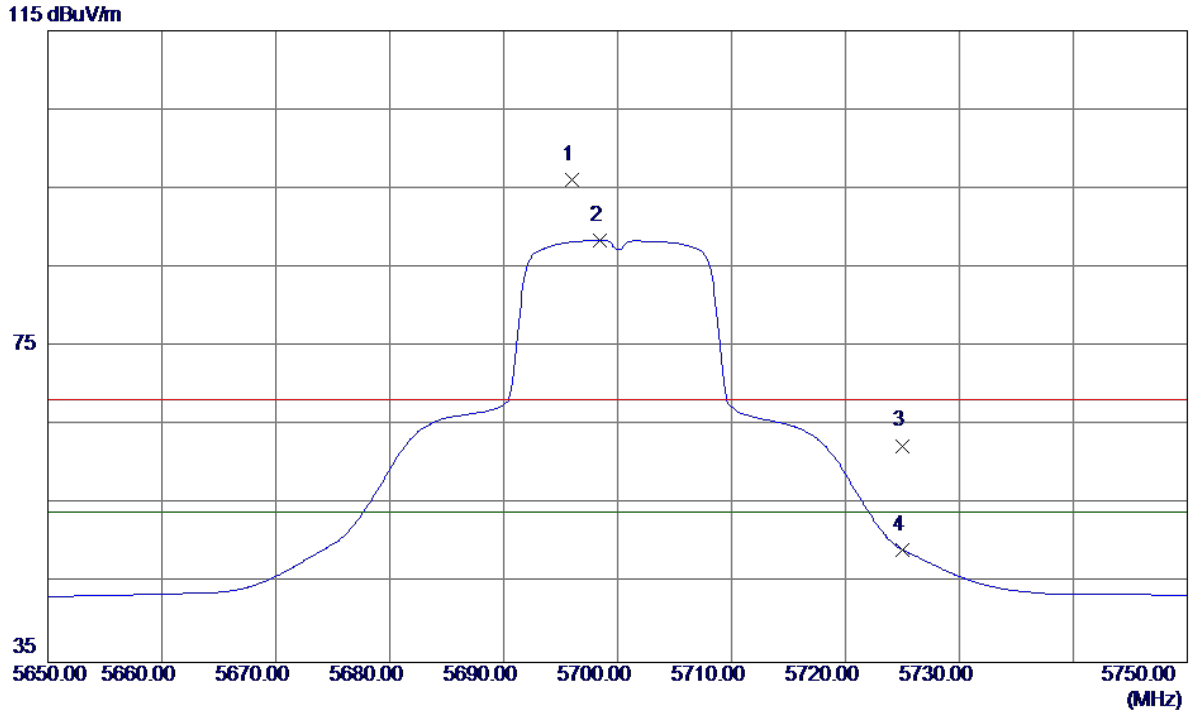
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11151.7000	30.79	17.30	48.09	68.30	-20.21	Peak	
2 *	11152.7000	20.48	17.30	37.78	54.00	-16.22	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

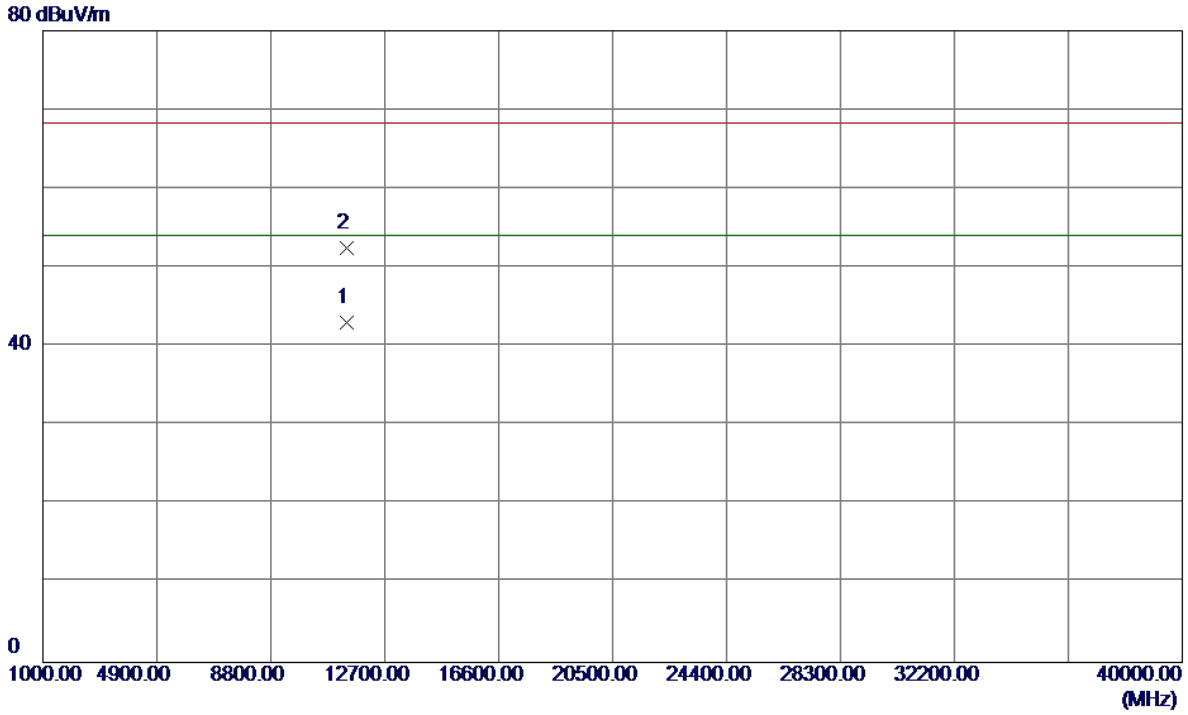
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5696.0000	52.60	43.47	96.07	68.30	27.77	Peak	No Limit
2 *	5698.4000	44.99	43.48	88.47	54.00	34.47	AVG	No Limit
3	5725.0000	18.88	43.56	62.44	68.30	-5.86	Peak	
4	5725.0000	5.71	43.56	49.27	54.00	-4.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

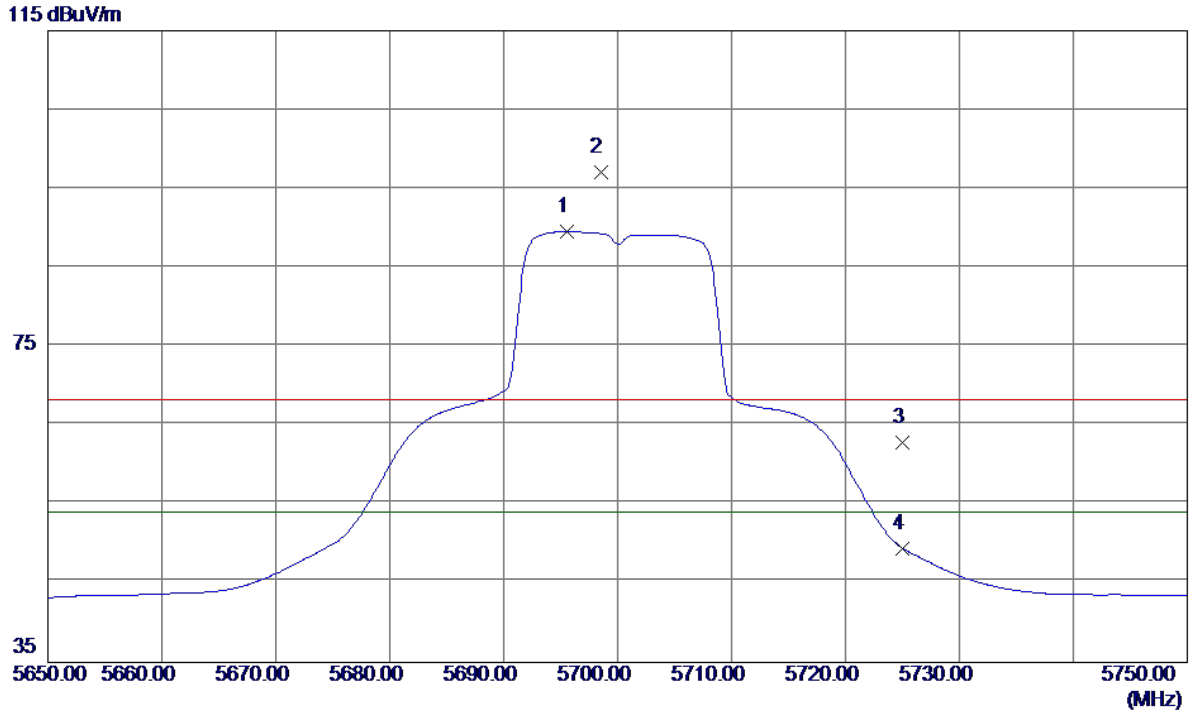
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11400.2500	25.10	17.96	43.06	54.00	-10.94	AVG	
2	11401.0500	34.49	17.96	52.45	68.30	-15.85	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

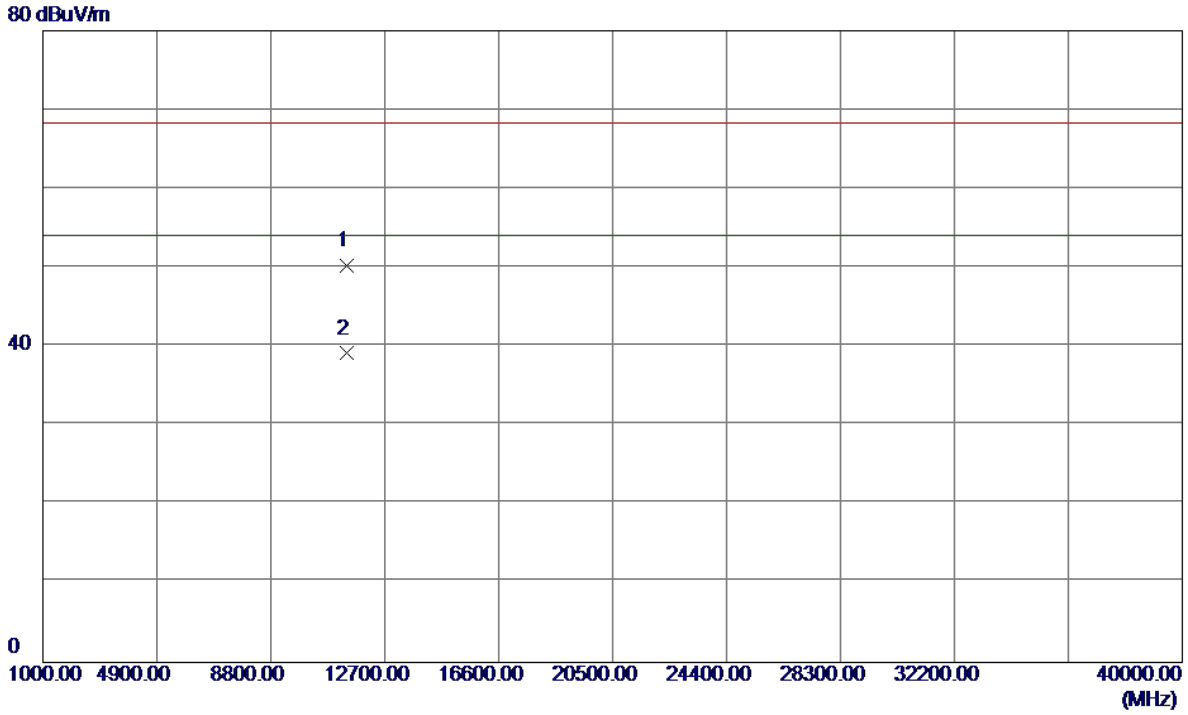
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5695.6000	46.10	43.47	89.57	54.00	35.57	AVG	No Limit
2	5698.5000	53.59	43.48	97.07	68.30	28.77	Peak	No Limit
3	5725.0000	19.30	43.56	62.86	68.30	-5.44	Peak	
4	5725.0000	5.89	43.56	49.45	54.00	-4.55	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

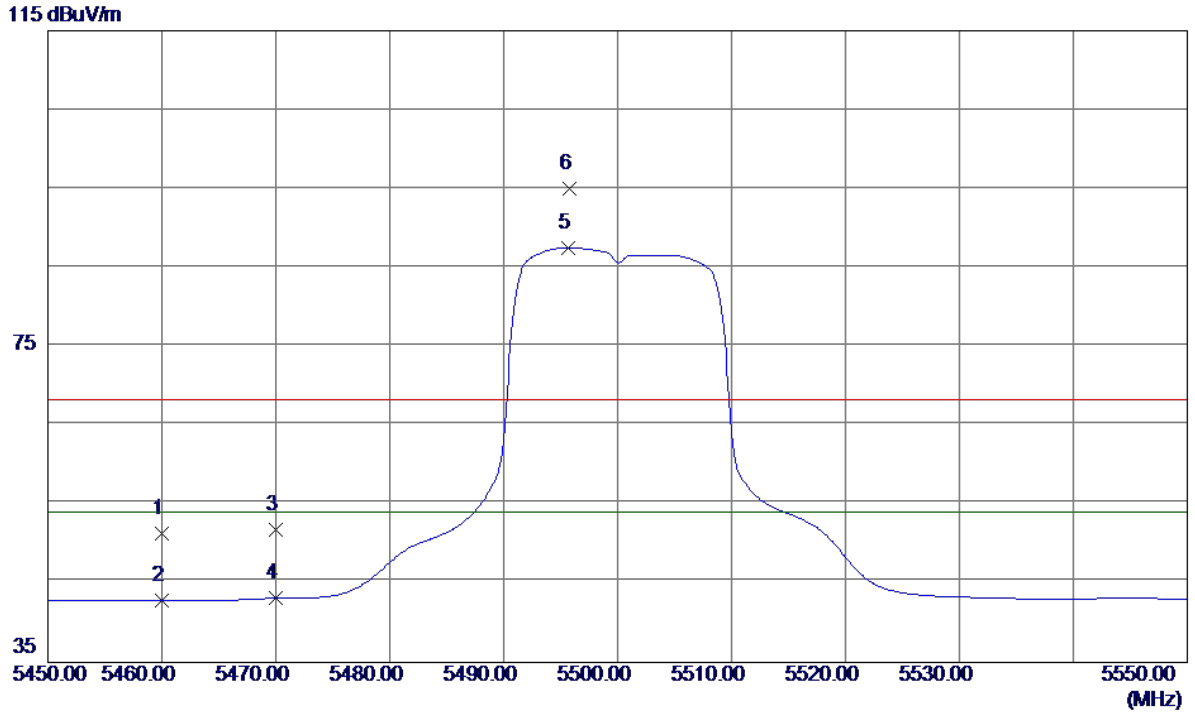
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11398.0000	32.25	17.95	50.20	68.30	-18.10	Peak	
2 *	11399.0500	21.16	17.96	39.12	54.00	-14.88	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

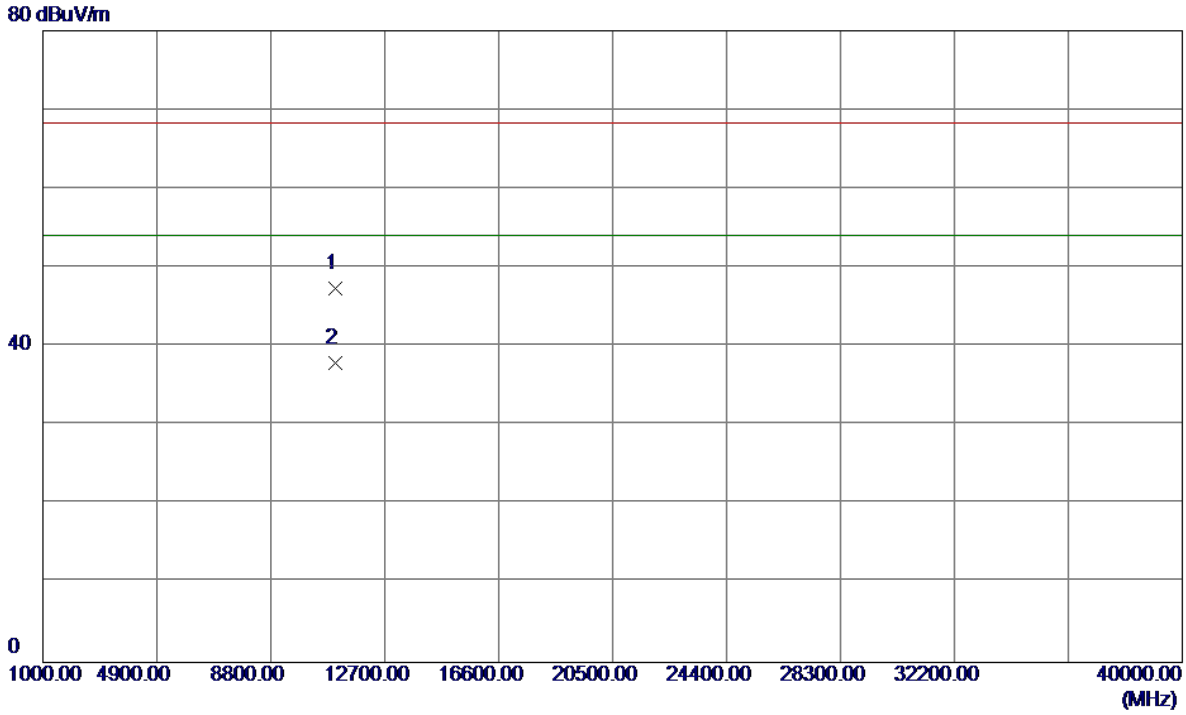
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	8.65	42.68	51.33	68.30	-16.97	Peak	
2	5460.0000	0.17	42.68	42.85	54.00	-11.15	AVG	
3	5470.0000	9.04	42.73	51.77	68.30	-16.53	Peak	
4	5470.0000	0.39	42.73	43.12	54.00	-10.88	AVG	
5 *	5495.7000	44.63	42.86	87.49	54.00	33.49	AVG	No Limit
6	5495.8000	52.10	42.86	94.96	68.30	26.66	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

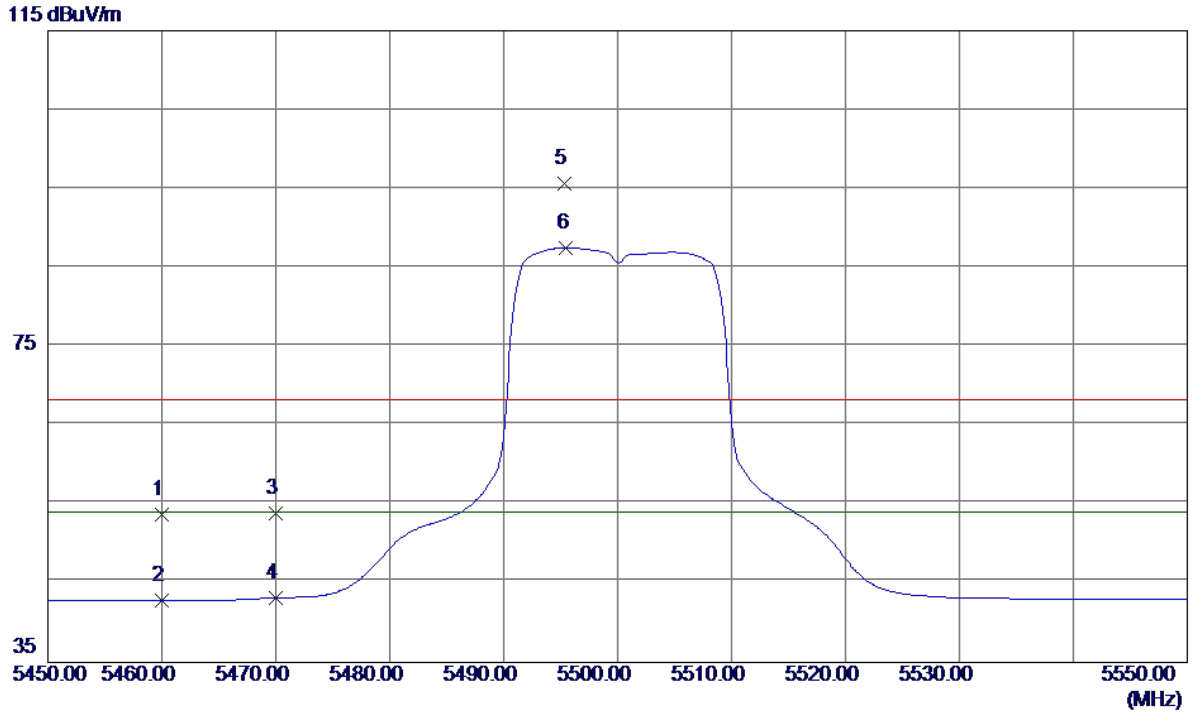
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10995.7000	30.41	16.91	47.32	68.30	-20.98	Peak	
2 *	10998.5000	20.97	16.90	37.87	54.00	-16.13	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

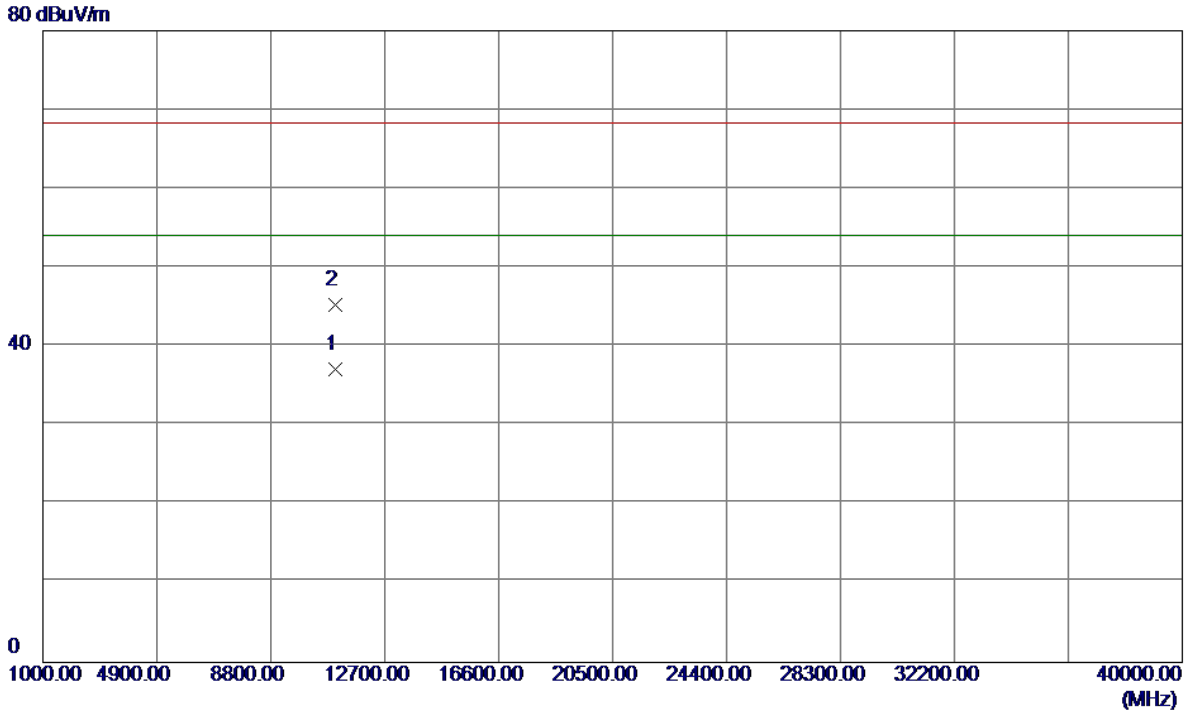
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	11.08	42.68	53.76	68.30	-14.54	Peak	
2	5460.0000	0.15	42.68	42.83	54.00	-11.17	AVG	
3	5470.0000	11.11	42.73	53.84	68.30	-14.46	Peak	
4	5470.0000	0.41	42.73	43.14	54.00	-10.86	AVG	
5	5495.3000	52.79	42.86	95.65	68.30	27.35	Peak	No Limit
6 *	5495.5000	44.63	42.86	87.49	54.00	33.49	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

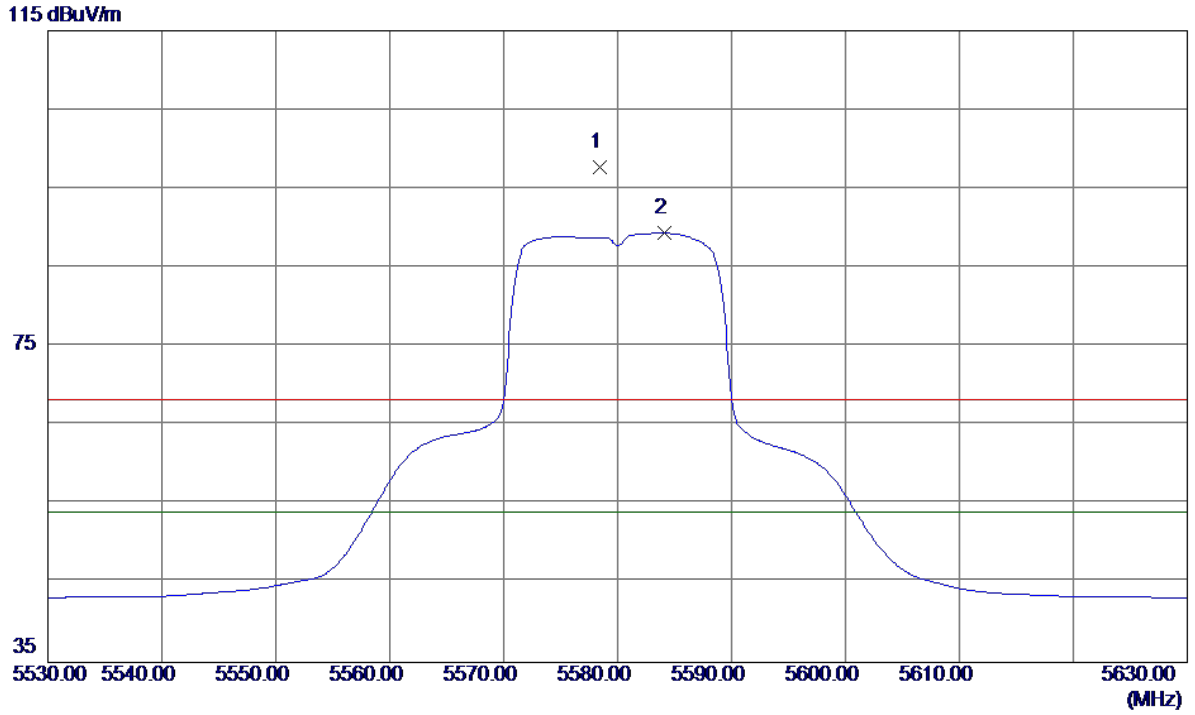
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11004.0500	20.27	16.91	37.18	54.00	-16.82	AVG	
2	11005.2500	28.39	16.91	45.30	68.30	-23.00	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

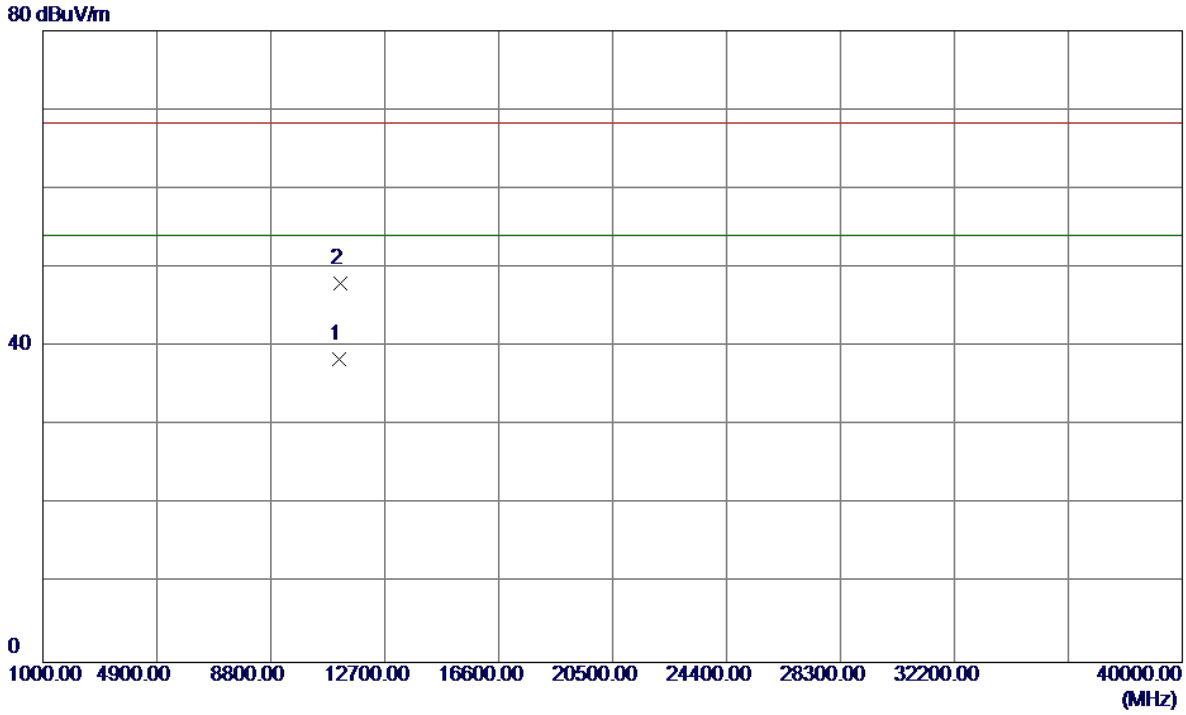
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5578.4000	54.63	43.12	97.75	68.30	29.45	Peak	No Limit
2 *	5584.1000	46.23	43.13	89.36	54.00	35.36	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

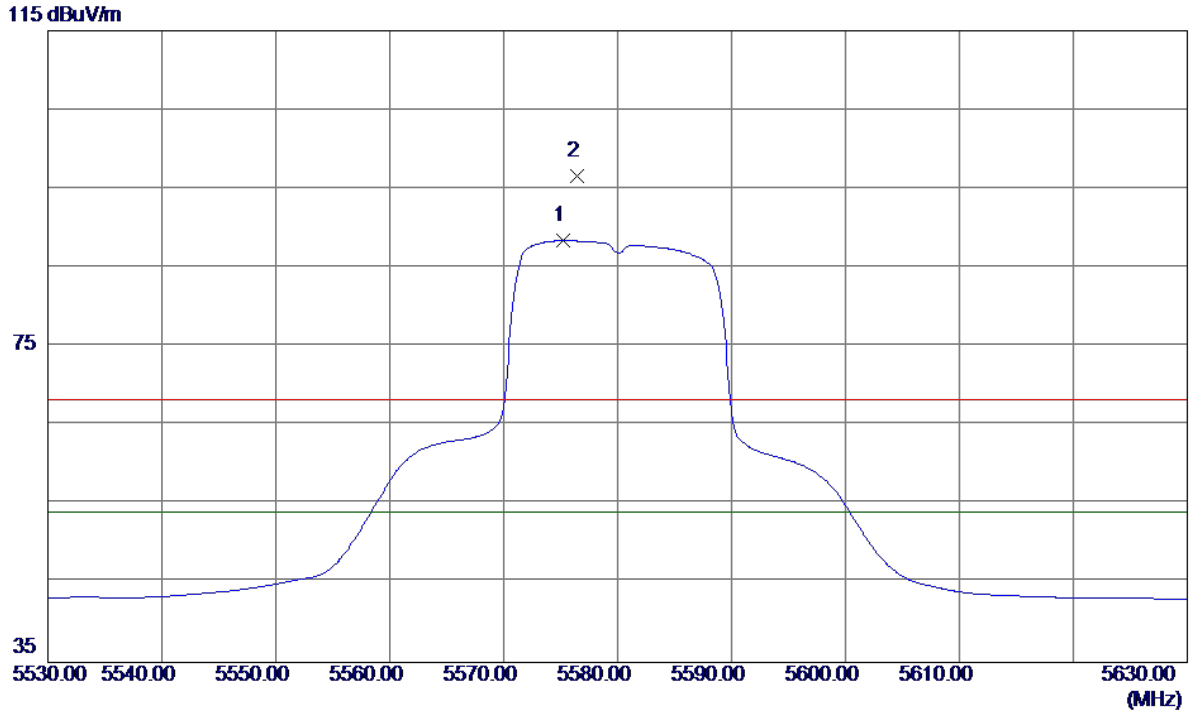
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11159.7000	21.03	17.32	38.35	54.00	-15.65	AVG	
2	11162.5000	30.60	17.33	47.93	68.30	-20.37	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

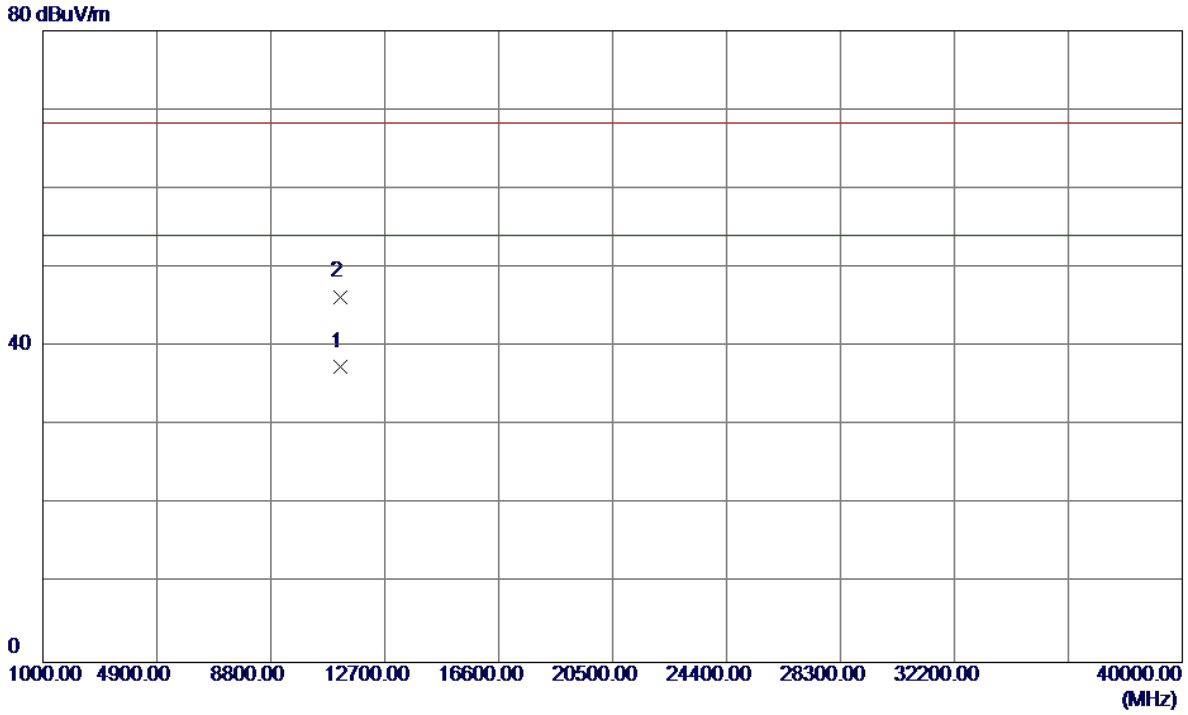
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5575.2000	45.31	43.11	88.42	54.00	34.42	AVG	No Limit
2	5576.4000	53.52	43.11	96.63	68.30	28.33	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

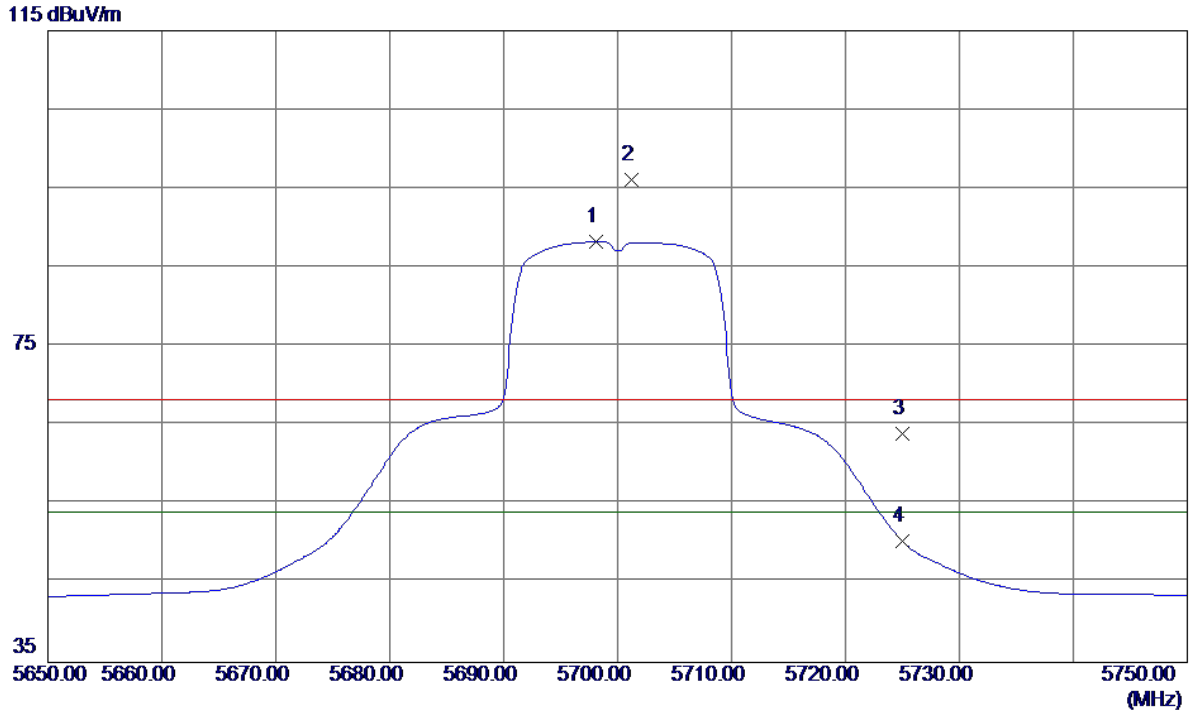
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11163.0000	20.07	17.33	37.40	54.00	-16.60	AVG	
2	11165.2000	28.98	17.34	46.32	68.30	-21.98	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

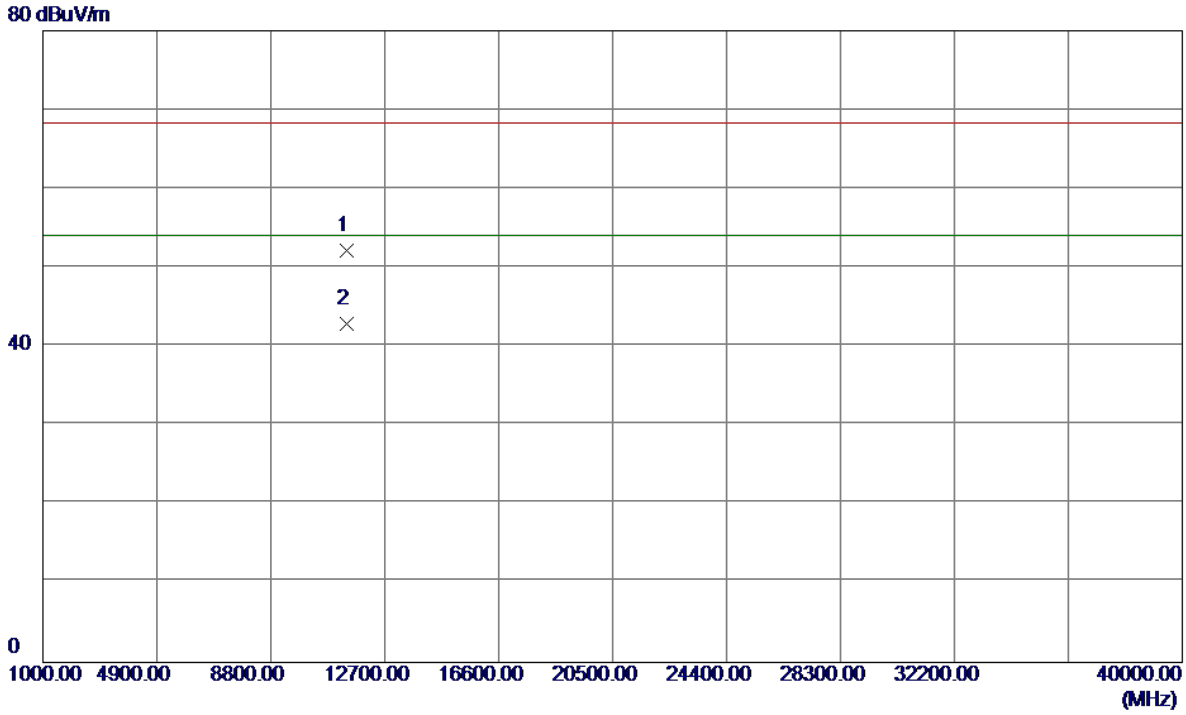
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5698.1000	44.78	43.48	88.26	54.00	34.26	AVG	No Limit
2	5701.2000	52.67	43.49	96.16	68.30	27.86	Peak	No Limit
3	5725.0000	20.42	43.56	63.98	68.30	-4.32	Peak	
4	5725.0000	6.77	43.56	50.33	54.00	-3.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

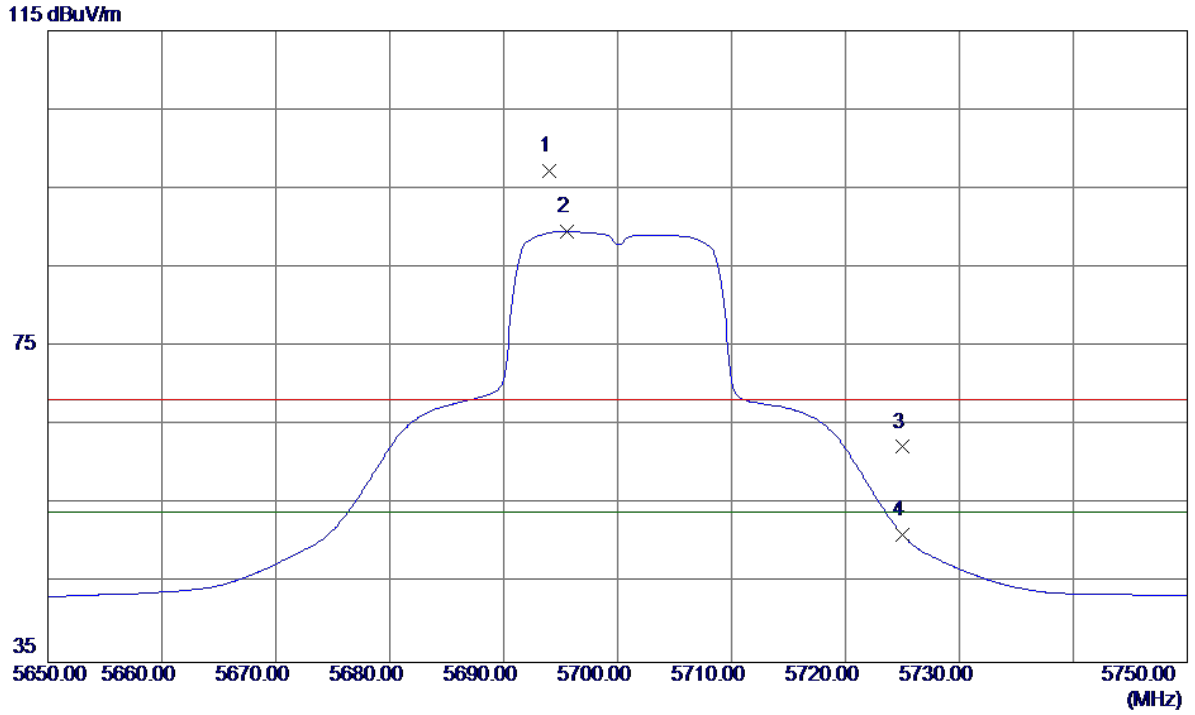
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11398.8000	34.27	17.96	52.23	68.30	-16.07	Peak	
2 *	11399.5000	24.97	17.96	42.93	54.00	-11.07	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

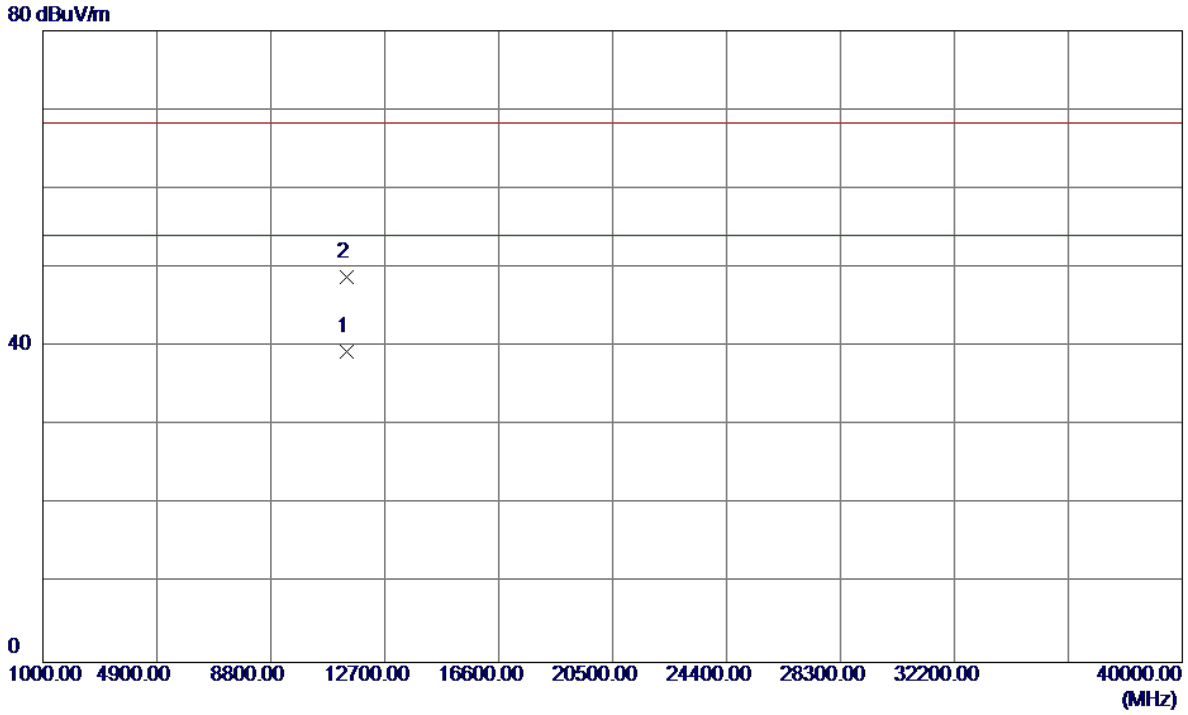
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5694.0000	53.73	43.47	97.20	68.30	28.90	Peak	No Limit
2 *	5695.6000	46.14	43.47	89.61	54.00	35.61	AVG	No Limit
3	5725.0000	18.72	43.56	62.28	68.30	-6.02	Peak	
4	5725.0000	7.61	43.56	51.17	54.00	-2.83	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

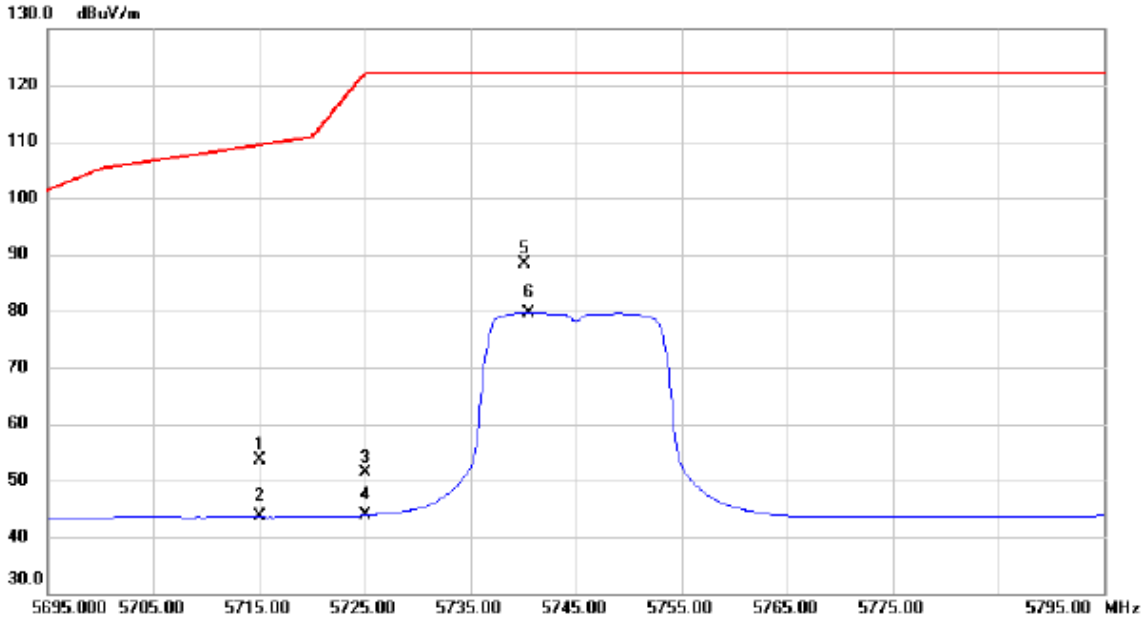
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.3500	21.34	17.96	39.30	54.00	-14.70	AVG	
2	11400.8000	30.86	17.96	48.82	68.30	-19.48	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

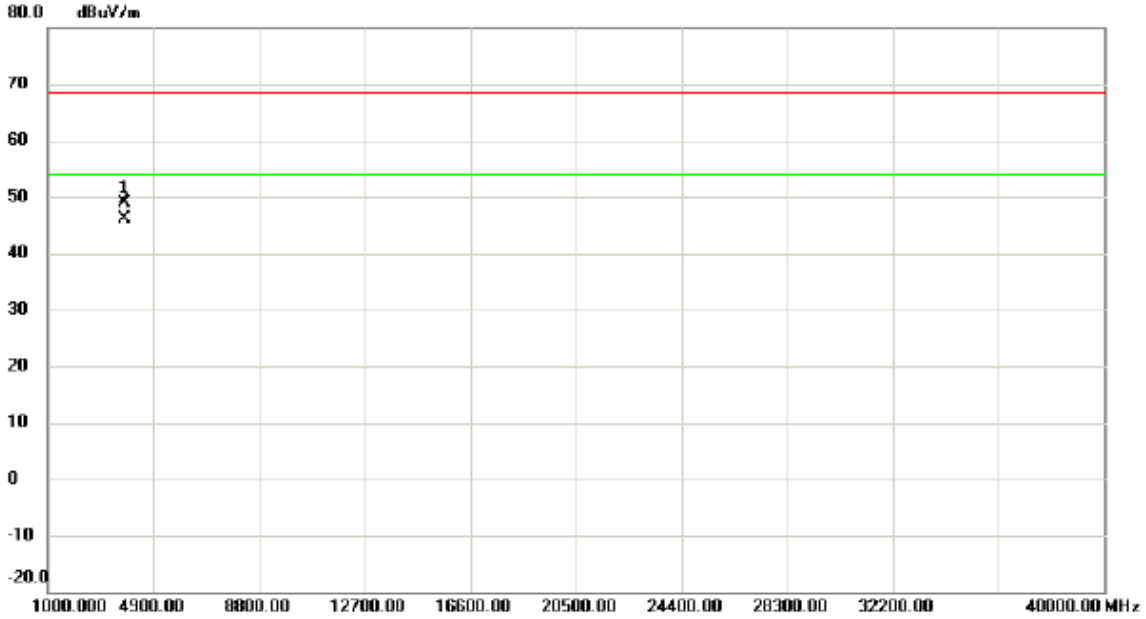
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	10.12	43.53	53.65	109.40	-55.75	peak	
2		5715.000	-0.02	43.53	43.51	109.40	-65.89	AVG	
3		5725.000	7.78	43.55	51.33	122.20	-70.87	peak	
4		5725.000	0.24	43.55	43.79	122.20	-78.41	AVG	
5	*	5740.100	44.74	43.61	88.35	122.20	-33.85	peak	
6		5740.500	36.02	43.61	79.63	122.20	-42.57	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

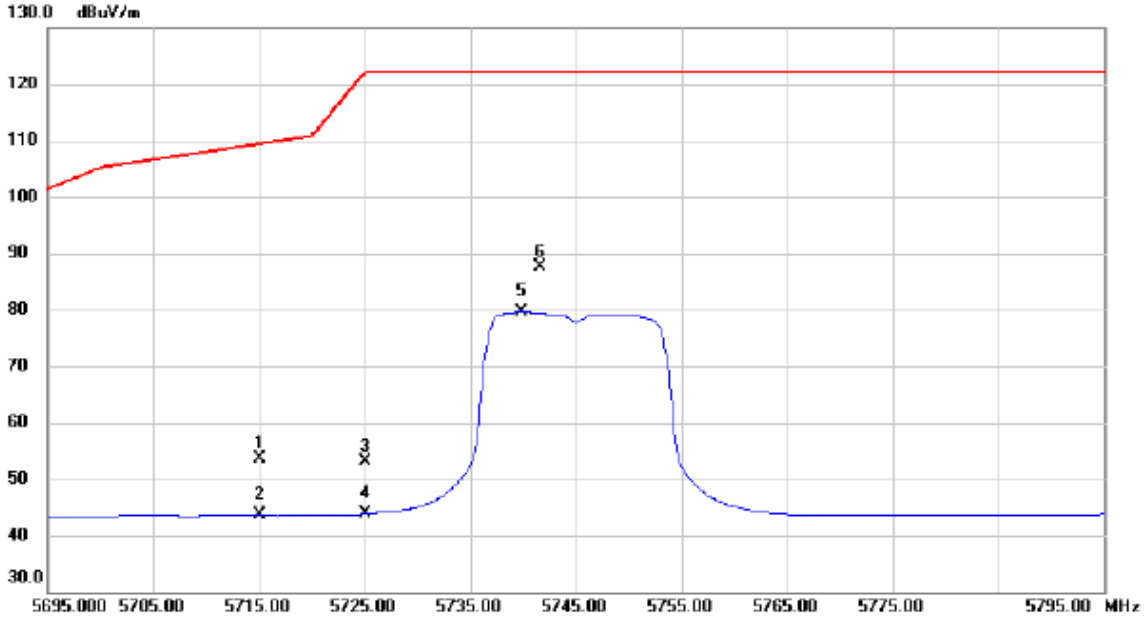
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3829.925	45.04	3.93	48.97	68.30	-19.33	peak	
2	*	3829.995	42.24	3.93	46.17	54.00	-7.83	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

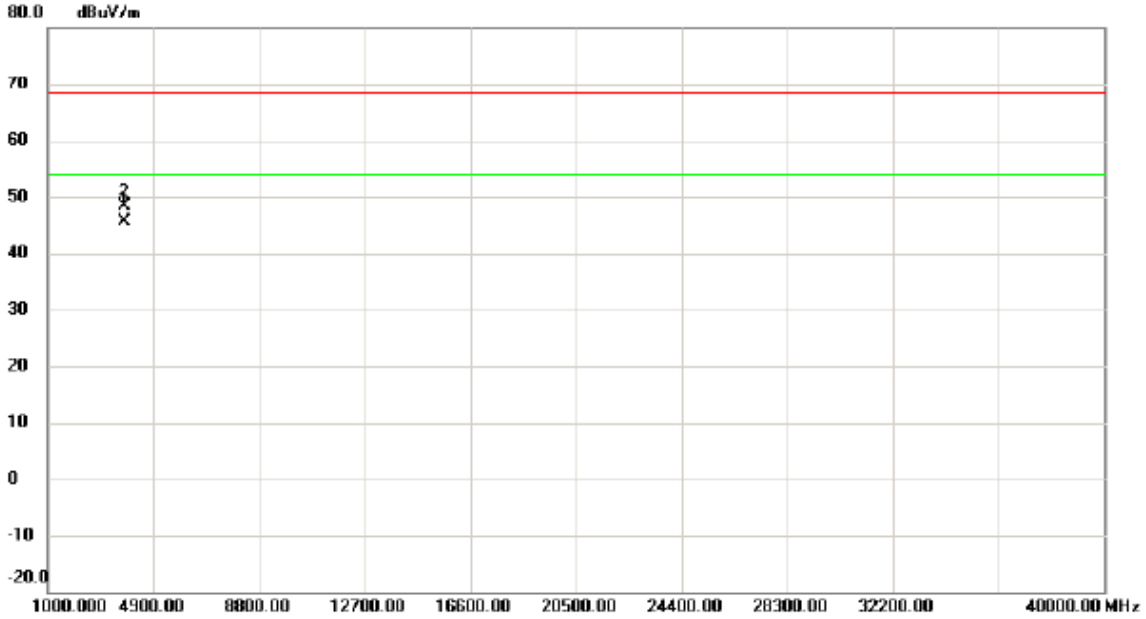
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	10.02	43.53	53.55	109.40	-55.85	peak	
2		5715.000	-0.02	43.53	43.51	109.40	-65.89	AVG	
3		5725.000	9.50	43.55	53.05	122.20	-69.15	peak	
4		5725.000	0.25	43.55	43.80	122.20	-78.40	AVG	
5		5739.900	35.94	43.61	79.55	122.20	-42.65	AVG	
6	*	5741.600	43.98	43.61	87.59	122.20	-34.61	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

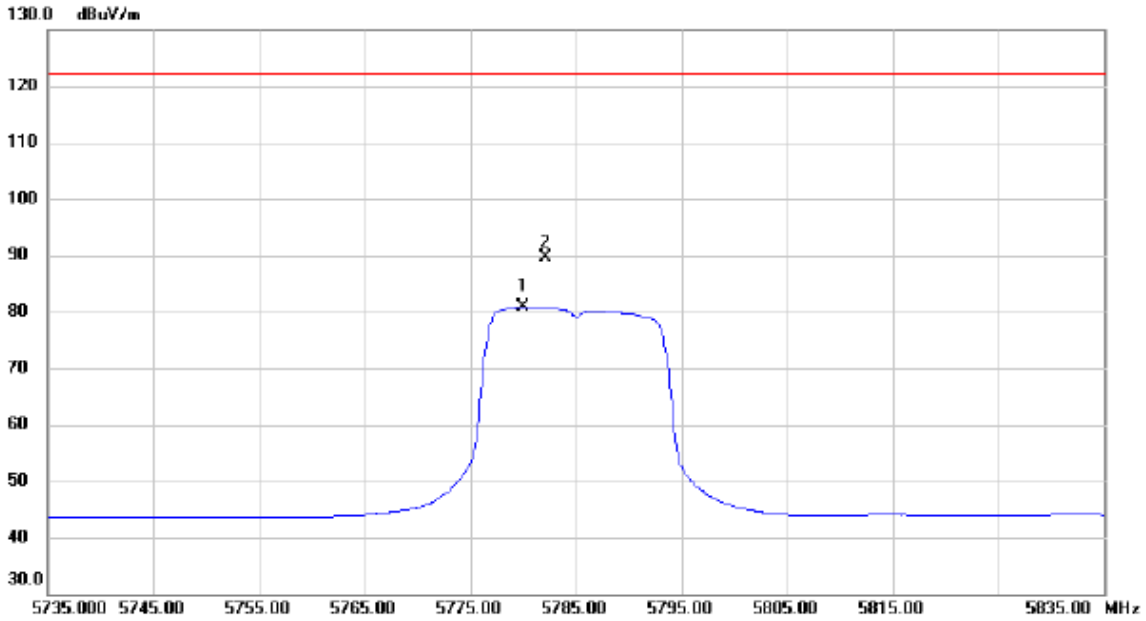
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3829.980	41.58	3.93	45.51	54.00	-8.49	AVG	
2		3829.995	44.55	3.93	48.48	68.30	-19.82	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

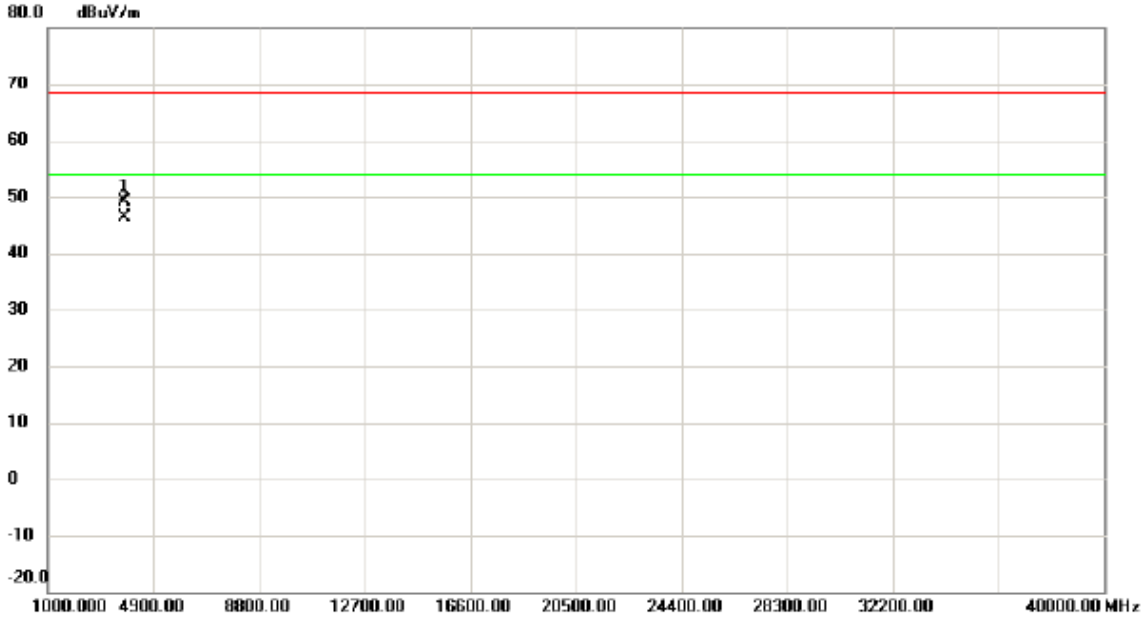
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5780.000	37.08	43.73	80.81	122.20	-41.39	AVG	
2	*	5782.100	45.79	43.73	89.52	122.20	-32.68	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

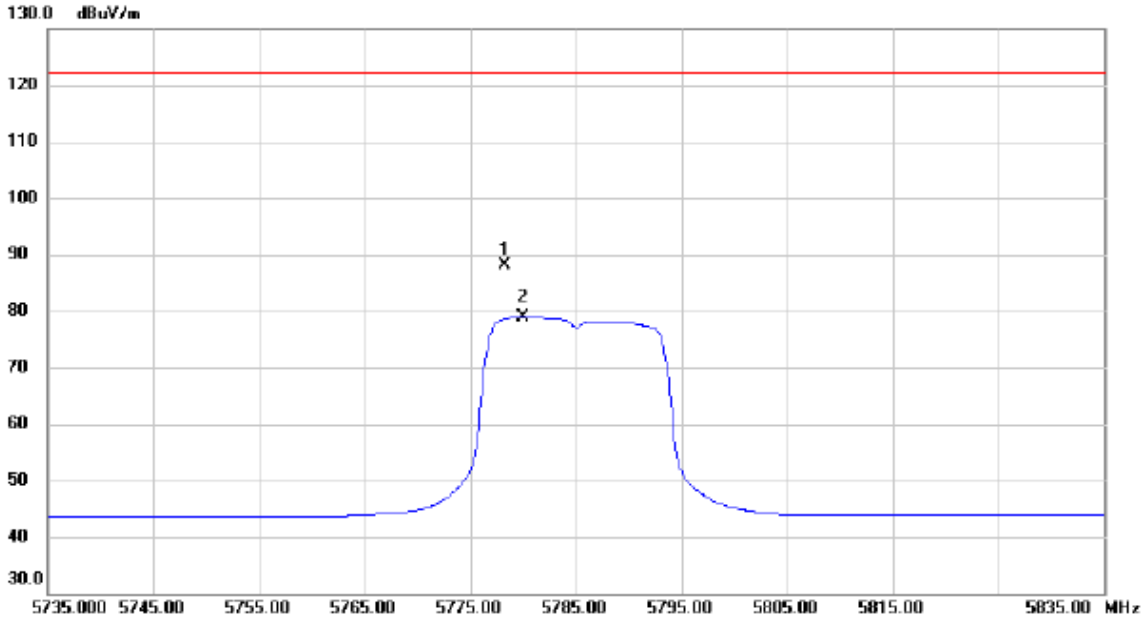
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3856.610	45.11	4.01	49.12	68.30	-19.18	peak	
2	*	3856.645	42.40	4.01	46.41	54.00	-7.59	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

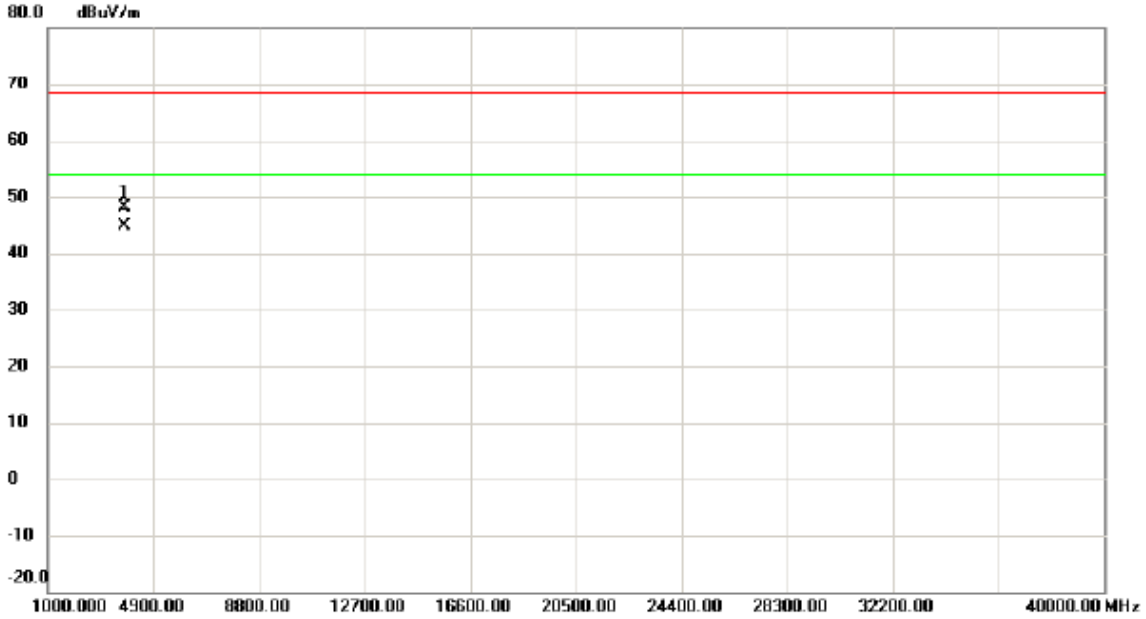
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5778.300	44.31	43.72	88.03	122.20	-34.17	peak	
2		5780.000	35.20	43.73	78.93	122.20	-43.27	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

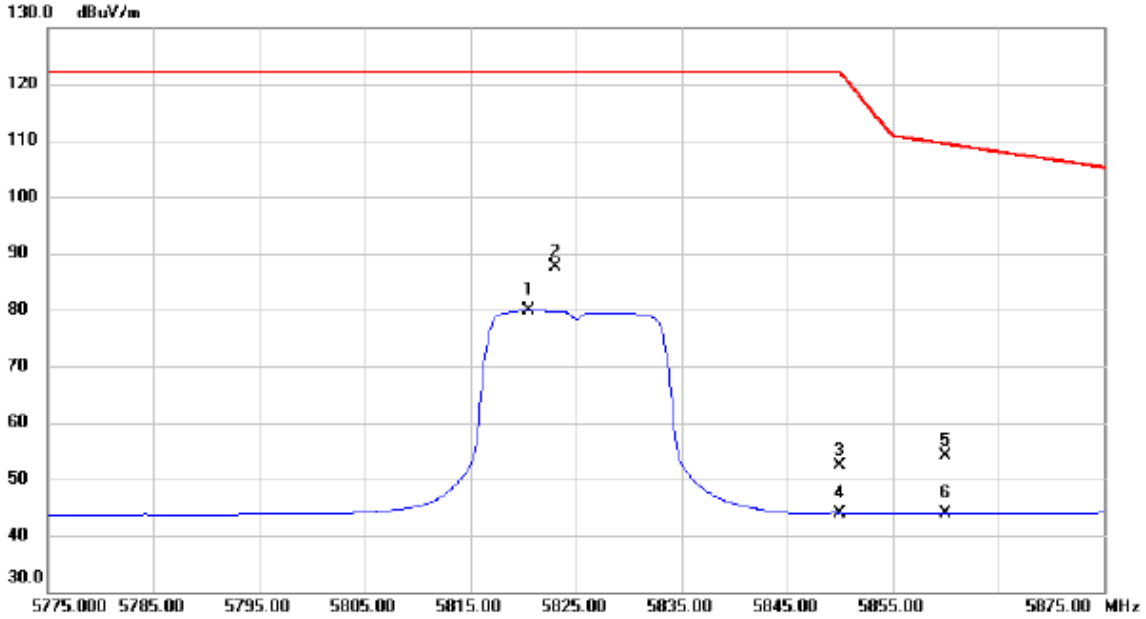
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3856.610	44.08	4.01	48.09	68.30	-20.21	peak	
2	*	3856.655	40.80	4.01	44.81	54.00	-9.19	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

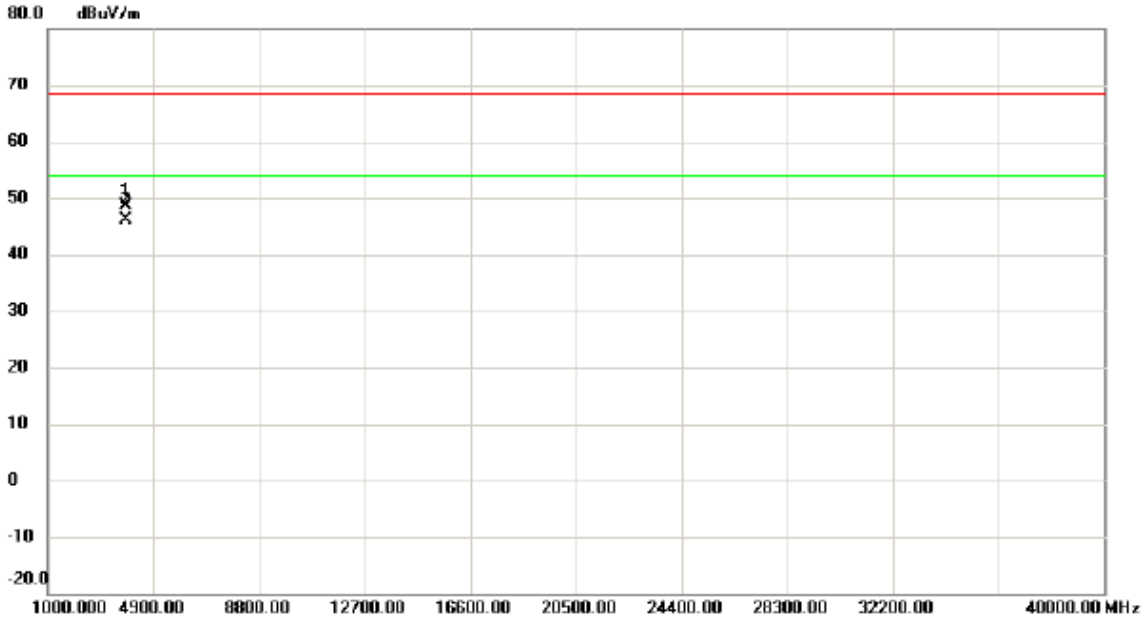
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5820.500	35.96	43.85	79.81	122.20	-42.39	AVG	
2	*	5823.100	43.78	43.85	87.63	122.20	-34.57	peak	
3		5850.000	8.51	43.94	52.45	122.20	-69.75	peak	
4		5850.000	0.06	43.94	44.00	122.20	-78.20	AVG	
5		5860.000	10.18	43.97	54.15	109.40	-55.25	peak	
6		5860.000	-0.09	43.97	43.88	109.40	-65.52	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

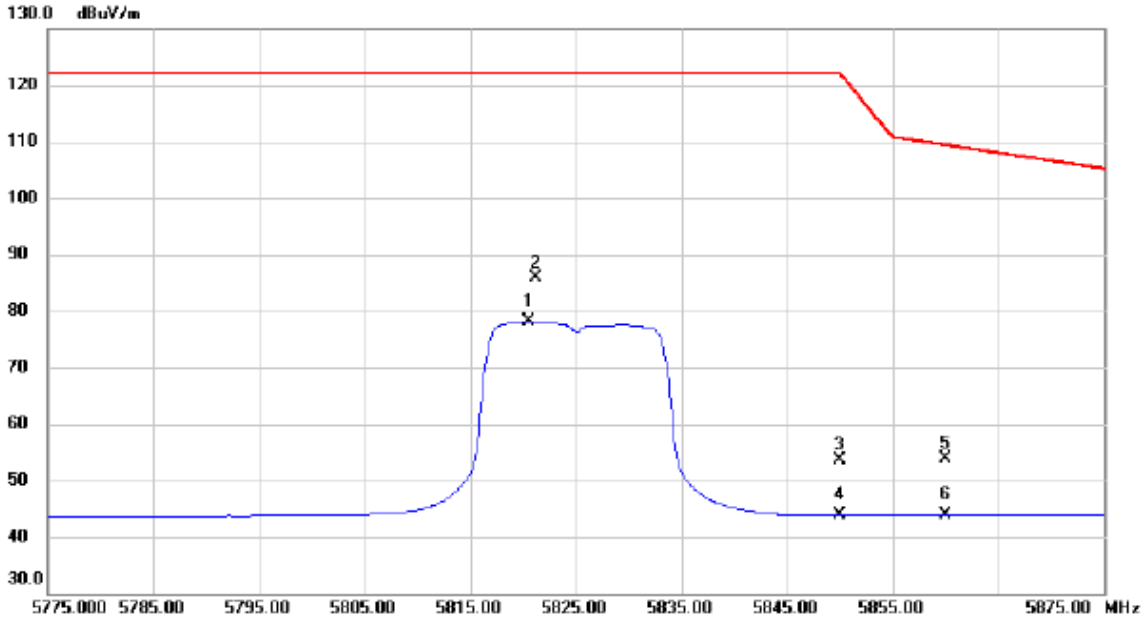
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3883.235	44.65	4.07	48.72	68.30	-19.58	peak	
2	*	3883.310	42.05	4.07	46.12	54.00	-7.88	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

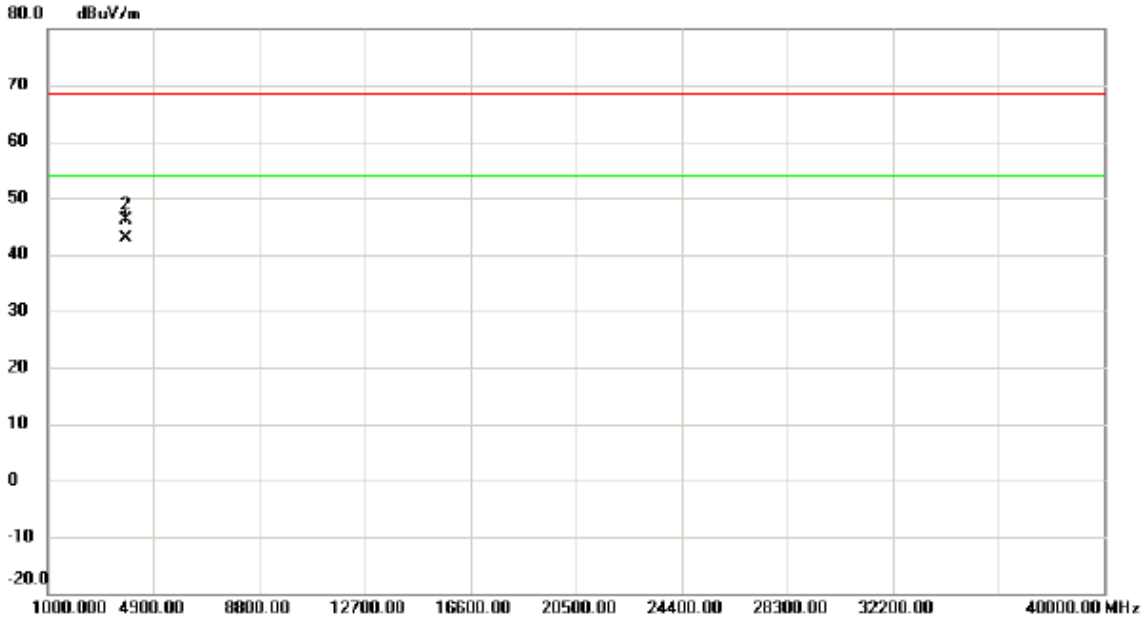
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5820.500	34.19	43.85	78.04	122.20	-44.16	AVG	
2	*	5821.200	42.01	43.85	85.86	122.20	-36.34	peak	
3		5850.000	9.60	43.94	53.54	122.20	-68.66	peak	
4		5850.000	-0.01	43.94	43.93	122.20	-78.27	AVG	
5		5860.000	9.89	43.97	53.86	109.40	-55.54	peak	
6		5860.000	-0.12	43.97	43.85	109.40	-65.55	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

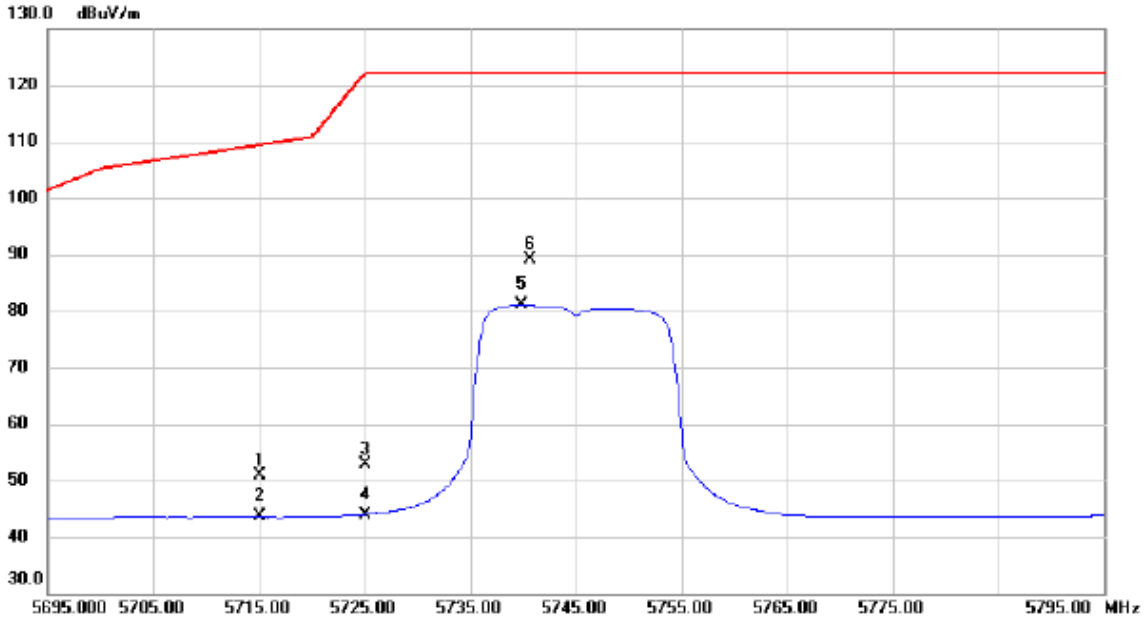
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3883.315	38.88	4.07	42.95	54.00	-11.05	AVG	
2		3883.350	42.01	4.08	46.09	68.30	-22.21	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

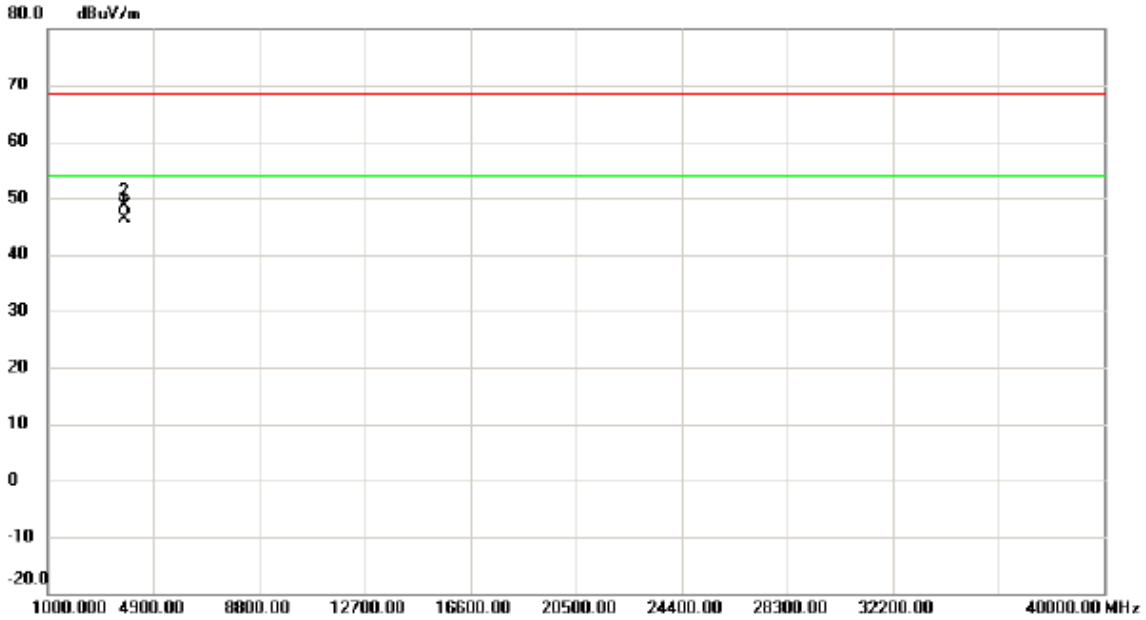
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	7.30	43.53	50.83	109.40	-58.57	peak	
2		5715.000	-0.02	43.53	43.51	109.40	-65.89	AVG	
3		5725.000	9.34	43.55	52.89	122.20	-69.31	peak	
4		5725.000	0.44	43.55	43.99	122.20	-78.21	AVG	
5		5739.800	37.49	43.61	81.10	122.20	-41.10	AVG	
6	*	5740.600	45.61	43.61	89.22	122.20	-32.98	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

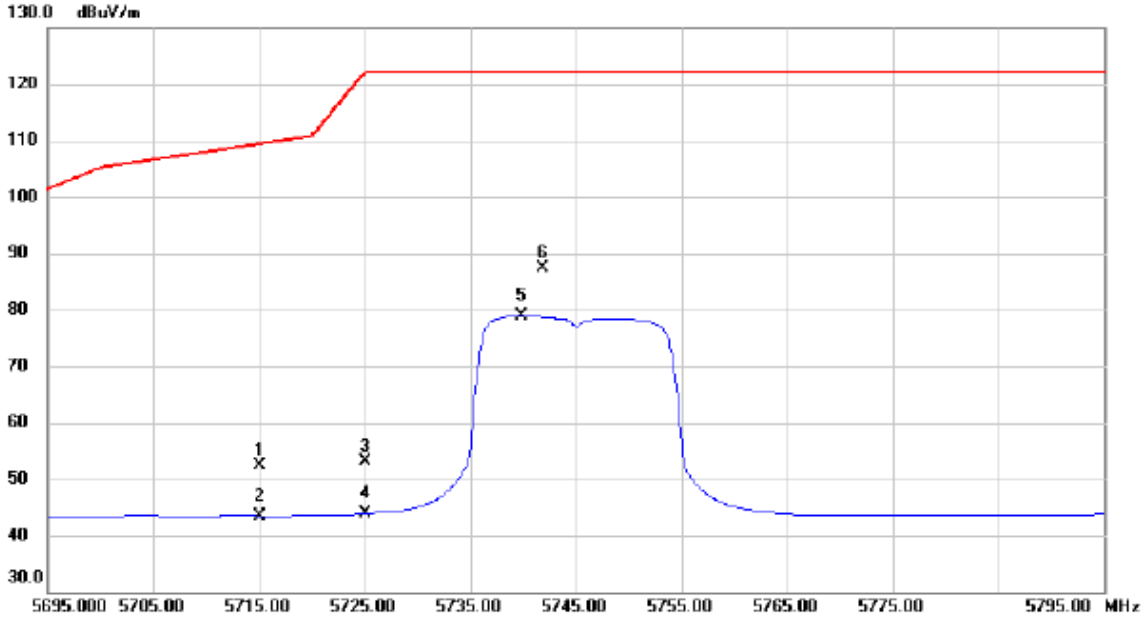
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3829.960	42.48	3.93	46.41	54.00	-7.59	AVG	
2		3830.050	44.58	3.93	48.51	68.30	-19.79	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

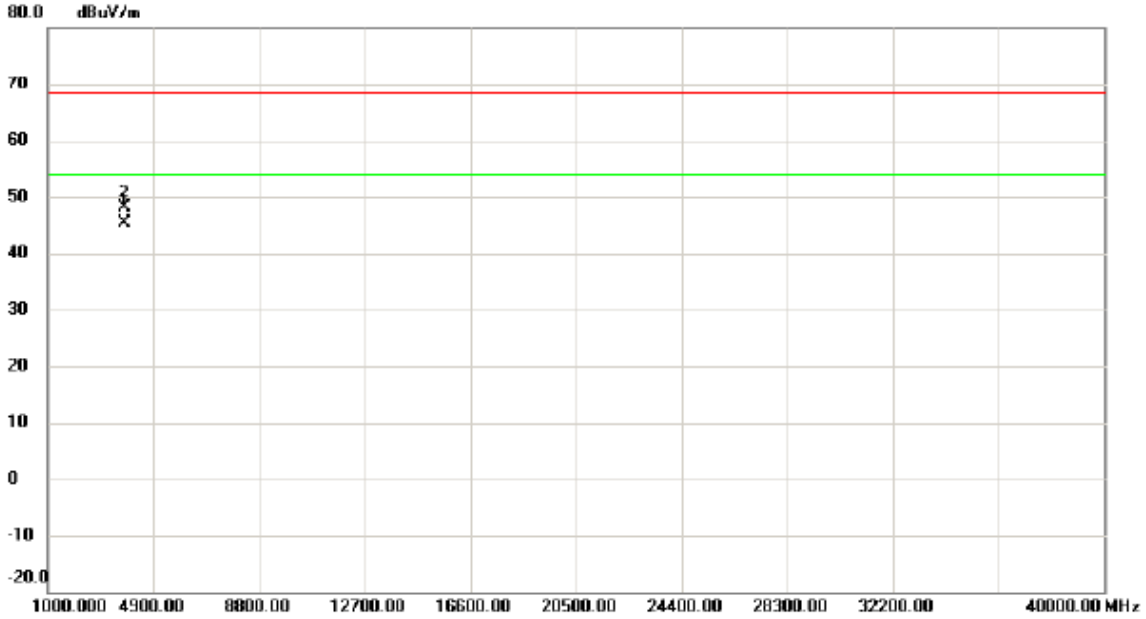
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	8.86	43.53	52.39	109.40	-57.01	peak	
2		5715.000	-0.04	43.53	43.49	109.40	-65.91	AVG	
3		5725.000	9.69	43.55	53.24	122.20	-68.96	peak	
4		5725.000	0.29	43.55	43.84	122.20	-78.36	AVG	
5		5739.800	35.36	43.61	78.97	122.20	-43.23	AVG	
6	*	5741.800	43.78	43.61	87.39	122.20	-34.81	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

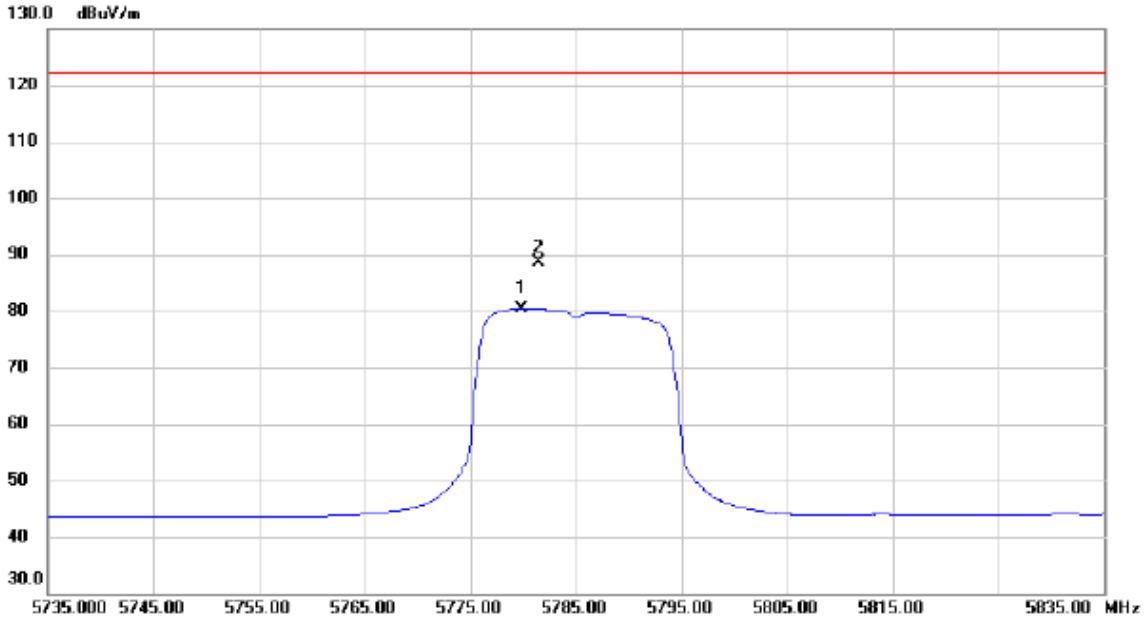
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3829.975	41.53	3.93	45.46	54.00	-8.54	AVG	
2		3830.085	44.27	3.93	48.20	68.30	-20.10	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

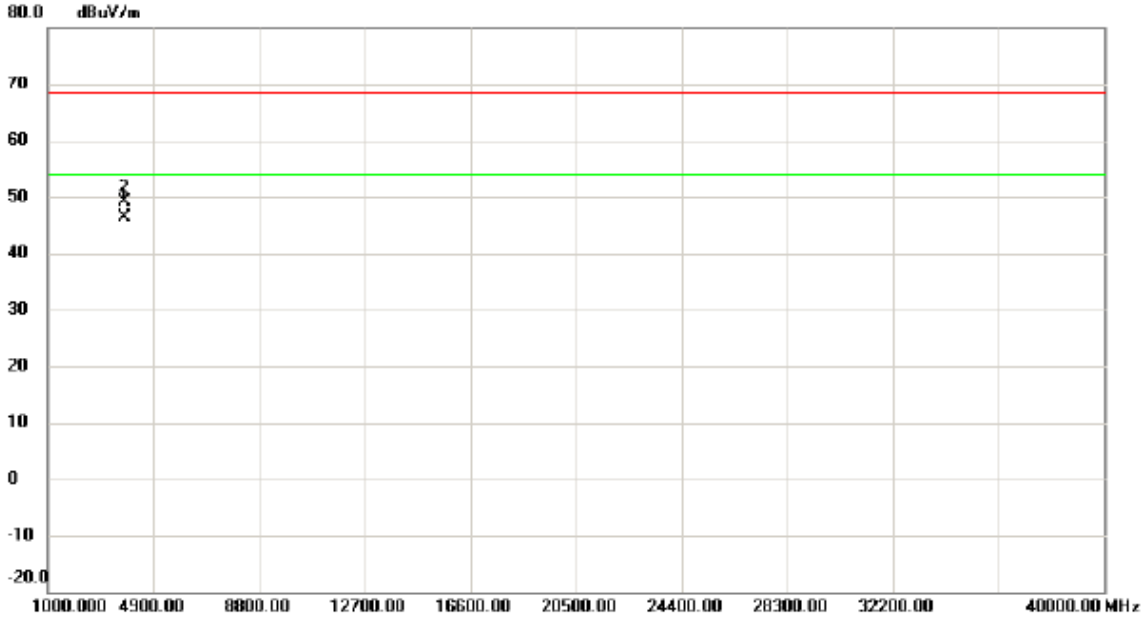
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5779.900	36.68	43.73	80.41	122.20	-41.79	AVG	
2	*	5781.500	44.80	43.73	88.53	122.20	-33.67	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

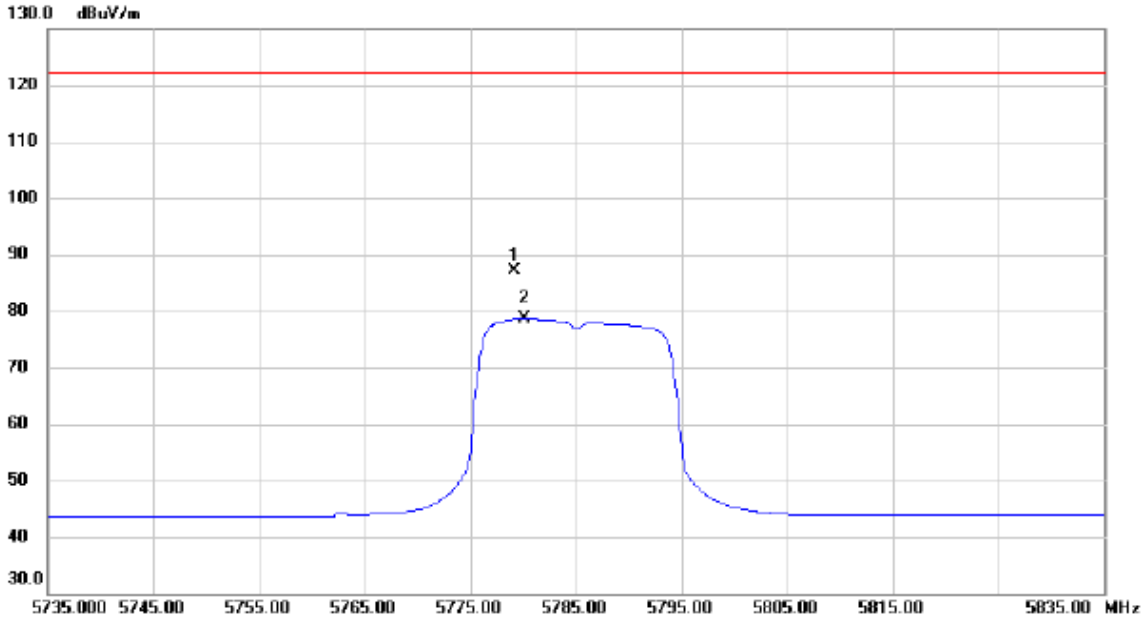
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	3856.650	42.37	4.01	46.38	54.00	-7.62	AVG	
2		3856.675	45.19	4.01	49.20	68.30	-19.10	peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

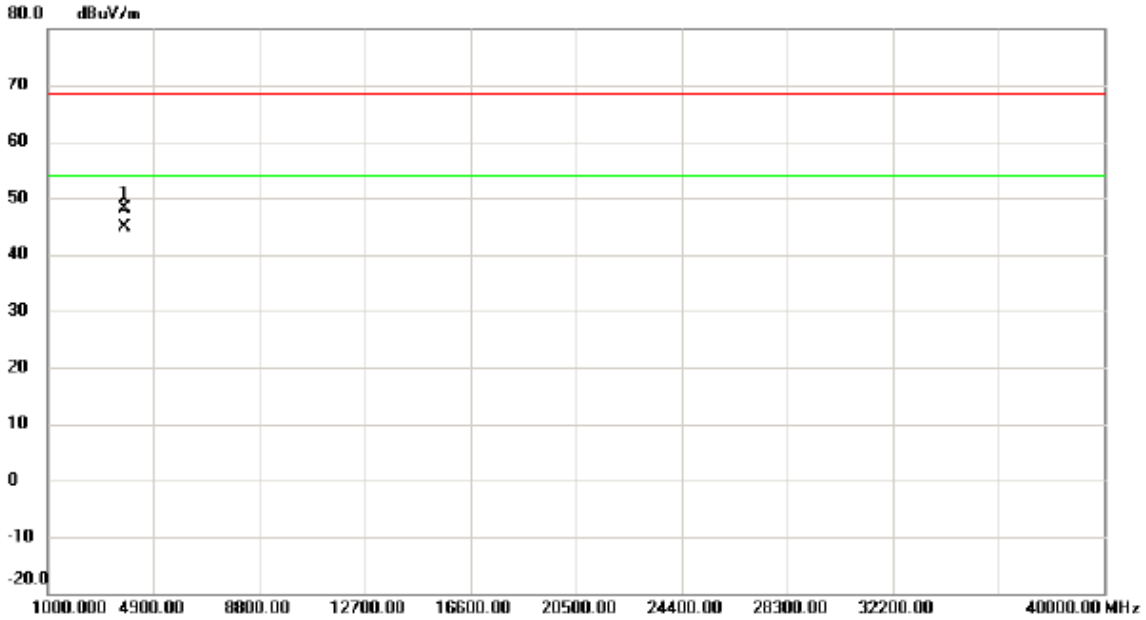
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5779.200	43.40	43.72	87.12	122.20	-35.08	peak	
2		5780.100	34.86	43.73	78.59	122.20	-43.61	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

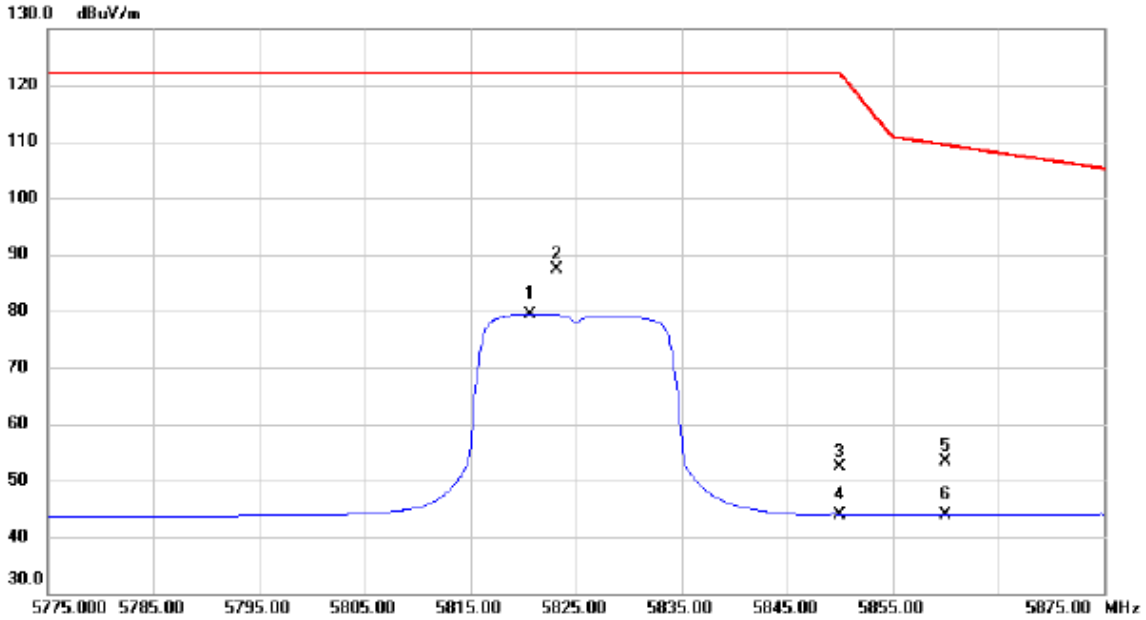
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3856.615	44.22	4.01	48.23	68.30	-20.07	peak	
2	*	3856.650	40.75	4.01	44.76	54.00	-9.24	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

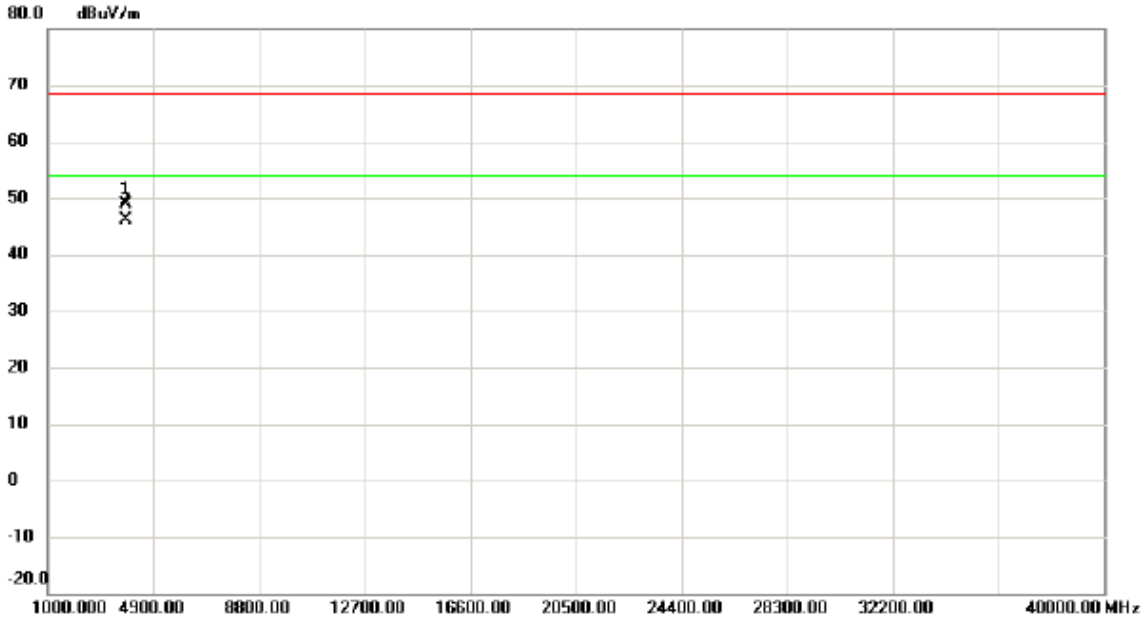
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5820.700	35.59	43.85	79.44	122.20	-42.76	AVG	
2	*	5823.200	43.53	43.86	87.39	122.20	-34.81	peak	
3		5850.000	8.50	43.94	52.44	122.20	-69.76	peak	
4		5850.000	0.06	43.94	44.00	122.20	-78.20	AVG	
5		5860.000	9.49	43.97	53.46	109.40	-55.94	peak	
6		5860.000	-0.08	43.97	43.89	109.40	-65.51	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

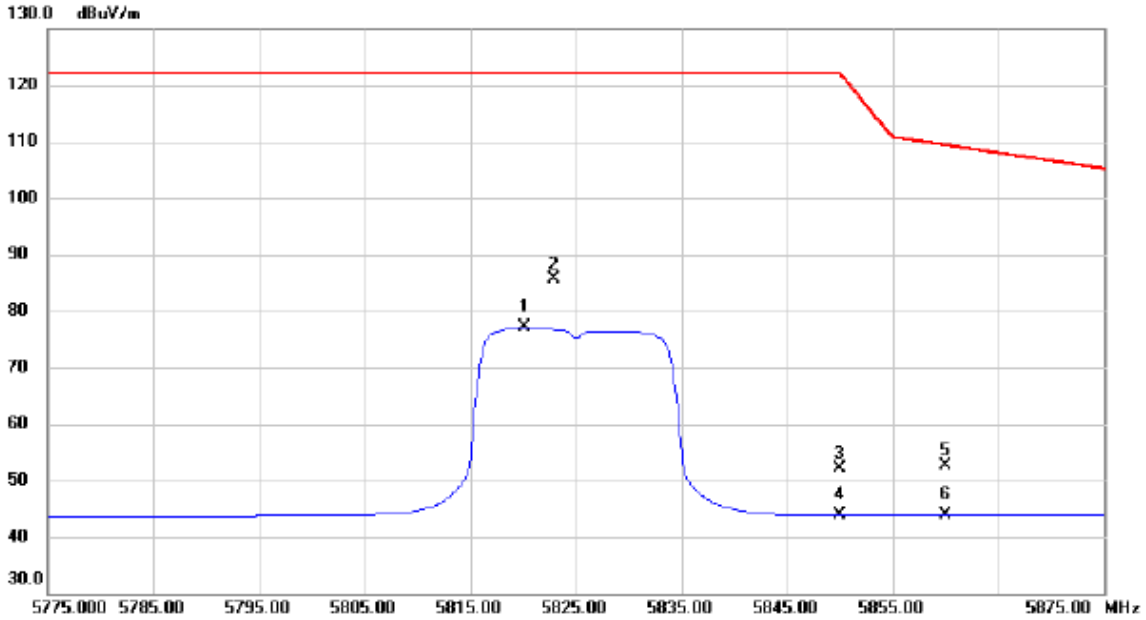
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3883.270	44.73	4.07	48.80	68.30	-19.50	peak	
2	*	3883.330	42.08	4.07	46.15	54.00	-7.85	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

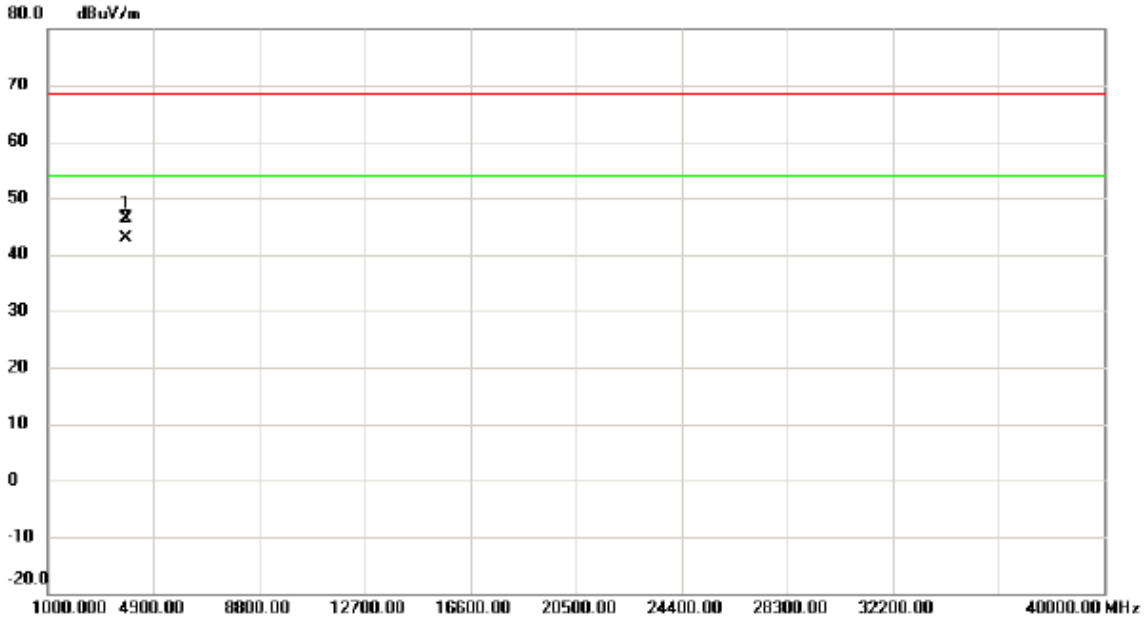
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5820.100	33.22	43.84	77.06	122.20	-45.14	AVG	
2	*	5822.900	41.82	43.85	85.67	122.20	-36.53	peak	
3		5850.000	8.26	43.94	52.20	122.20	-70.00	peak	
4		5850.000	-0.03	43.94	43.91	122.20	-78.29	AVG	
5		5860.000	8.75	43.97	52.72	109.40	-56.68	peak	
6		5860.000	-0.15	43.97	43.82	109.40	-65.58	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3883.300	42.37	4.07	46.44	68.30	-21.86	peak	
2	*	3883.330	38.85	4.07	42.92	54.00	-11.08	AVG	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

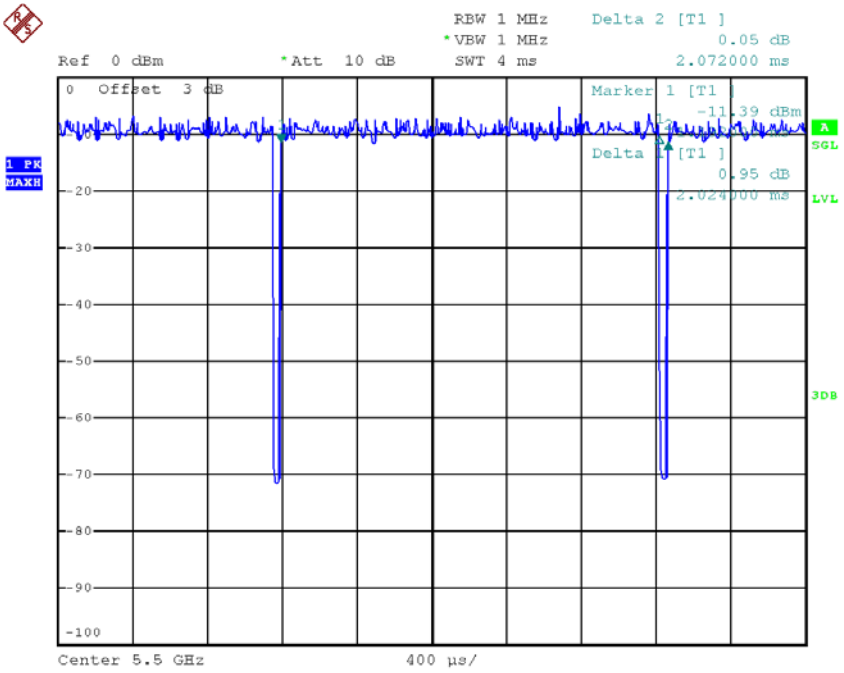
T_{ON}: 2.02 msec

T_{Total}: 2.07 msec

Duty cycle: 97.58%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.11



Date: 12.JUL.2017 16:53:05

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

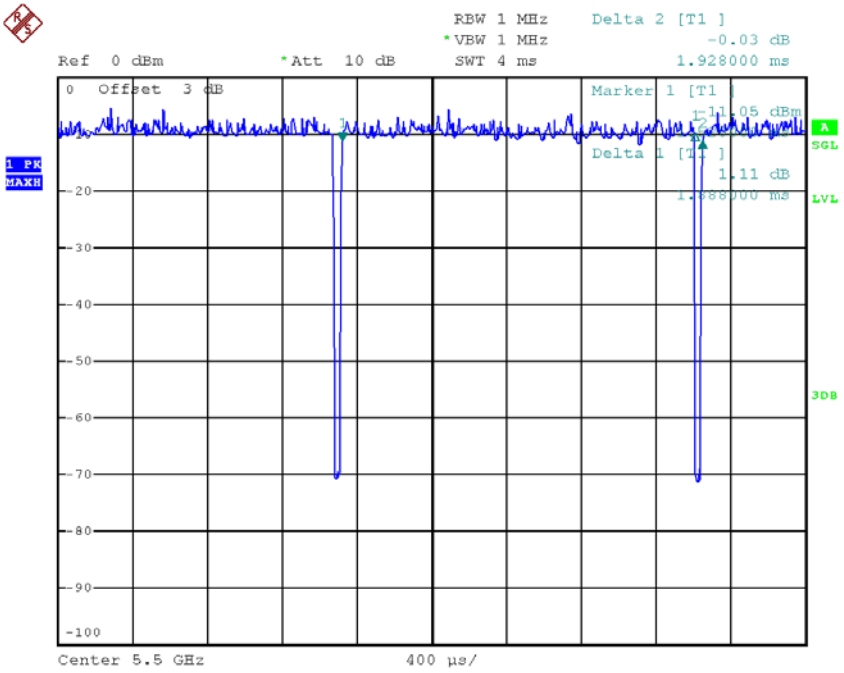
T_{ON}: 1.89 msec

T_{Total}: 1.93 msec

Duty cycle: 97.93%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.09



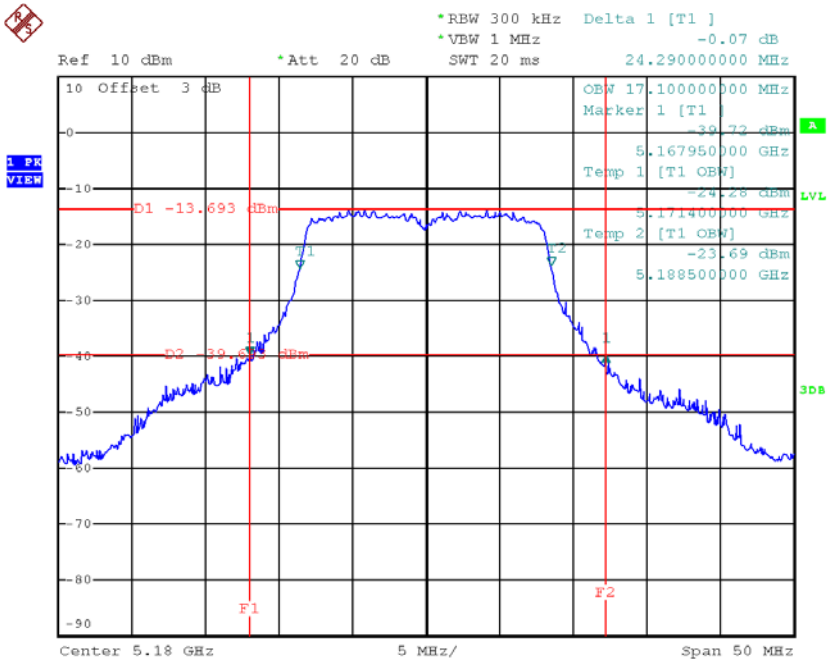
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

APPENDIX E - BANDWIDTH

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

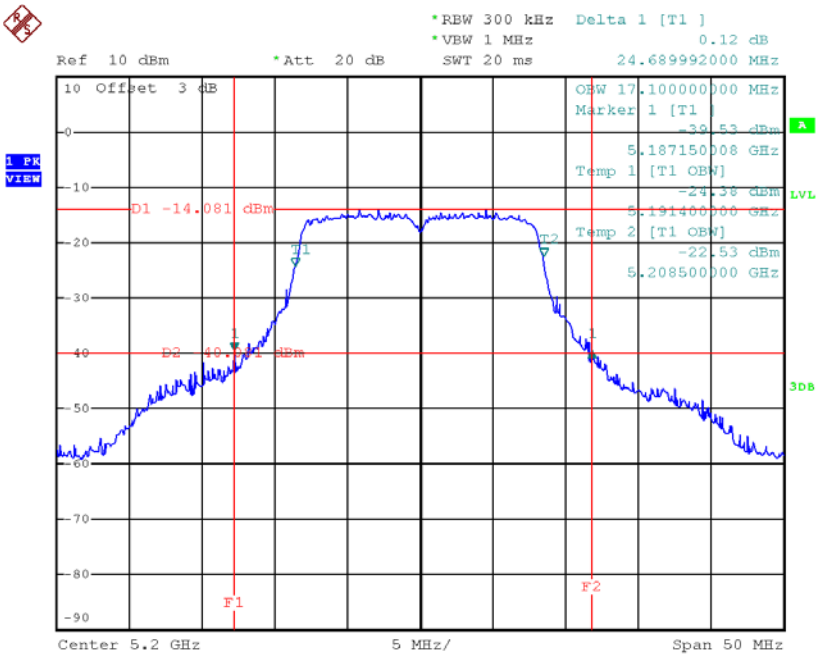
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.29	17.10
CH40	5200	24.69	17.10
CH48	5240	24.30	17.20

TX CH36



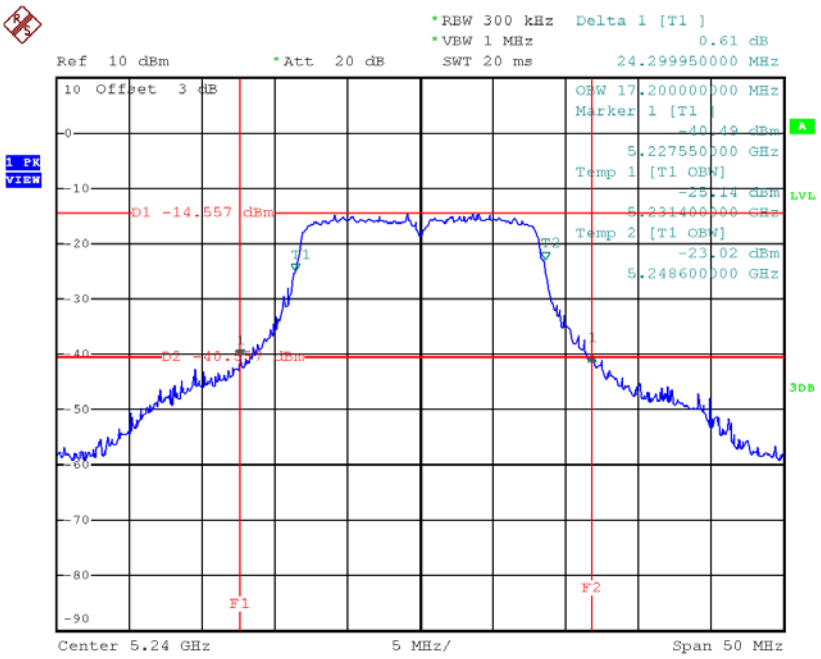
Date: 12.JUL.2017 16:33:48

TX CH40



Date: 12.JUL.2017 16:38:45

TX CH48



Date: 12.JUL.2017 16:39:42

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.10	18.10
CH40	5200	25.35	18.10
CH48	5240	24.11	18.20

TX CH36