FCC Radio Test Report

FCC ID: RWO-RZ090166

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

Project No.	:	1607C289
Equipment	:	Notebook
Model Name	:	RZ09-0166
Applicant	:	Razer Inc.
Address	:	201 3rd Street, Suite 900, San Francisco, CA 94103

Date of Receipt	:	Jul. 28, 2016
Date of Test	:	Jul. 28, 2016 ~ Aug. 22, 2016
Issued Date	:	Aug. 23, 2016
Tested by	:	BTL Inc.

Testing Engineer : Shawn Xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
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).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL**shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

BTL's report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **BTL-self**, extracts from the test report shall not be reproduced except in full with **BTL**'s authorized written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

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.

Table of Contents Page

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1607C289	Original Issue.	Aug. 23, 2016

1. CERTIFICATION

Equipment	:	Notebook
Brand Name	:	RAZER
Model Name	:	RZ09-0166
Applicant	:	Razer Inc.
Manufacturer	:	Razer Inc.
Address	:	201 3rd Street, Suite 900, San Francisco, CA 94103
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	:	Jul. 28, 2016 ~ Aug. 22, 2016
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-4-1607C289) 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).

Test results included in this report is only for the 5G WIFI part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E			
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	Notebook	
Brand Name	RAZER	
Model Name	RZ09-0166	
Mode Different	N/A	
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	866Mbps
Output Power	Output Power (Max.)for UNII-1	802.11a: 19.11dBm 802.11n (20M): 19.12dBm 802.11n (40M): 18.57dBm 802.11ac (20M): 19.27dBm 802.11ac (40M): 18.27dBm 802.11ac (80M): 16.68dBm
	Output Power (Max.)for UNII-2A	802.11a: 18.94dBm 802.11n (20M): 18.80dBm 802.11n (40M): 18.03dBm 802.11ac (20M): 18.39dBm 802.11ac (40M): 17.96dBm 802.11ac (80M): 16.18dBm
	Output Power (Max.)for UNII-2C	802.11a: 19.09dBm 802.11n (20M): 19.31dBm 802.11n (40M): 18.62dBm 802.11ac (20M): 19.19dBm 802.11ac (40M): 18.51dBm 802.11ac (80M): 16.38dBm
	Output Power (Max.)for UNII-3	802.11a: 19.18dBm 802.11n (20M): 19.19dBm 802.11n (40M): 18.49dBm 802.11ac (20M): 19.20dBm 802.11ac (40M): 18.43dBm 802.11ac (80M): 16.28dBm
Power Source	#1 DC voltage supplied from AC/DC adapter. Brand/Model: Razer / RC30-0166 #2 Supplied from battery. Model:F1	
Power Rating	#1 I/P:100-240Vac,3.4A O/P:19Vdc,13.16A #2 11.4Vdc,8700mA	

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		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
132	5660				
136	5680				
140	5700				

UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Band
1	INPAQ TECHNOLOGY CO.LTD	WA-F-LB-02-083	Internal	IPEX	0.26	UNII-1
					0.48	UNII-2A
					0.78	UNII-2C
					0.17	UNII-3
2	INPAQ TECHNOLOGY CO.LTD	WA-F-LB-01-038	Internal	IPEX	0.23	UNII-1
					0.36	UNII-2A
					0.24	UNII-2C
					0.07	UNII-3

4.

Operating Mode / TX Mode	2TX
802.11a	V (ANT 1+ANT 2)
802.11n (20MHz)	V (ANT 1+ANT 2)
802.11n (40MHz)	V (ANT 1+ANT 2)
802.11ac (20MHz)	V (ANT 1+ANT 2)
802.11ac (40MHz)	V (ANT 1+ANT 2)
802.11ac (80MHz)	V (ANT 1+ANT 2)

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 N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)
Mode 25	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 25	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 N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (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	QCARCT		
Frequency (MHz)	5180	5200	5240
A Mode	14	14	14
Frequency (MHz)	5180	5200	5240
N20 Mode	14	14	14
Frequency (MHz)	5190	5230	
N40 Mode	13	13	

UNII-2A			
Test Software Version	QCARCT		
Frequency (MHz)	5260	5300	5320
A Mode	14	14	15
Frequency (MHz)	5260	5300	5320
N20 Mode	15	15	15
Frequency (MHz)	5270	5310	
N40 Mode	13	13	

UNII-2C			
Test Software Version	QCARCT		
Frequency (MHz)	5500	5580	5700
A Mode	13	13	13
Frequency (MHz)	5500	5580	5700
N20 Mode	14	13	13
Frequency (MHz)	5510	5550	5670
N40 Mode	13	12	12

UNII-3			
Test Software Version	QCARCT		
Frequency (MHz)	5745	5785	5825
A Mode	13	14	14
Frequency (MHz)	5745	5785	5825
N20 Mode	13	14	14
Frequency (MHz)	5755	5795	
N40 Mode	12	12	

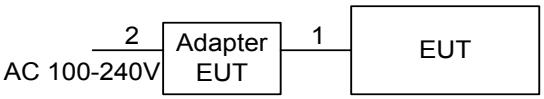
UNII-1			
Test Software Version	QCARCT		
Frequency (MHz)	5180	5200	5240
AC20 Mode	16	16	16
Frequency (MHz)	5190	5230	
AC40 Mode	15	16	
Frequency (MHz)	5210		
AC80 Mode	14		

UNII-2A			
Test Software Version	QCARCT		
Frequency (MHz)	5260	5300	5320
AC20 Mode	16	15	16
Frequency (MHz)	5270	5310	
AC40 Mode	16	13	
Frequency (MHz)	5290		
AC80 Mode	14		

UNII-2C			
Test Software Version	QCARCT		
Frequency (MHz)	5500	5580	5700
AC20 Mode	15	15	15
Frequency (MHz)	5510	5550	5670
AC40 Mode	13	15	15
Frequency (MHz)	5530	5610	
AC80 Mode	14	13	

UNII-3			
Test Software Version	QCARCT		
Frequency (MHz)	5745	5785	5825
AC20 Mode	15	16	16
Frequency (MHz)	5755	5795	
AC40 Mode	15	15	
Frequency (MHz)	5775		
AC80 Mode	13		

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.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	DC Cable
2	NO	NO	1m	AC 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.

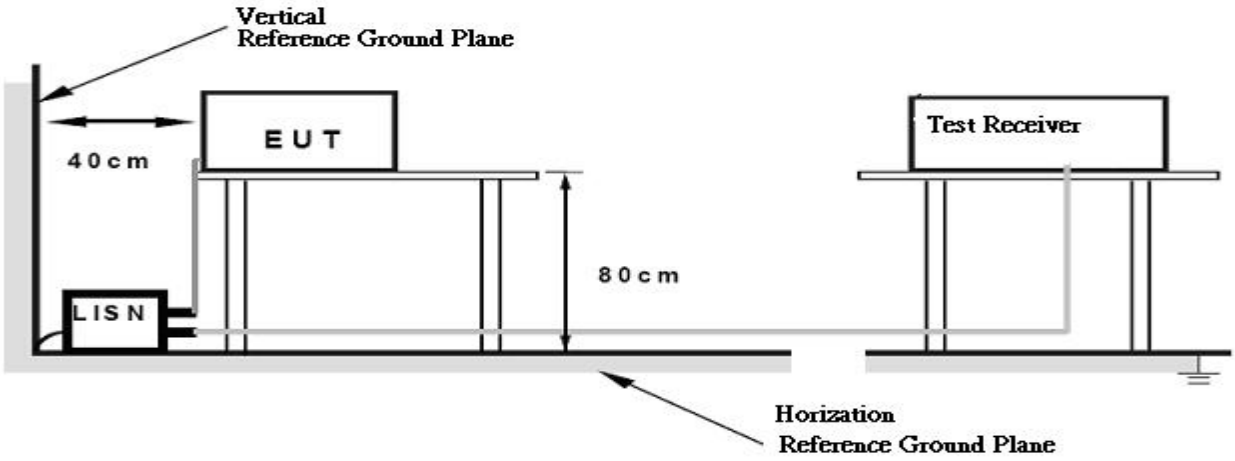
d. LISN at least 80 cm from nearest part of EUT chassis.

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 Attachment 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

20dBc in any 100 kHz bandwidth outside the operating frequency band. 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

Note:

(1) The limit for radiated test was performed according to FCC PART 15C.

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

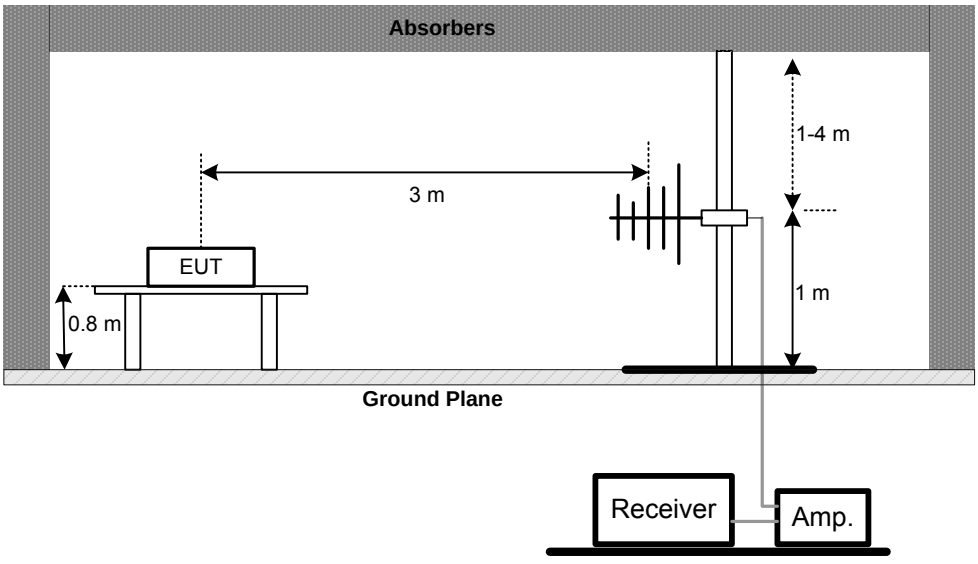
a. The measuring distance of at 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of at 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 conducted 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

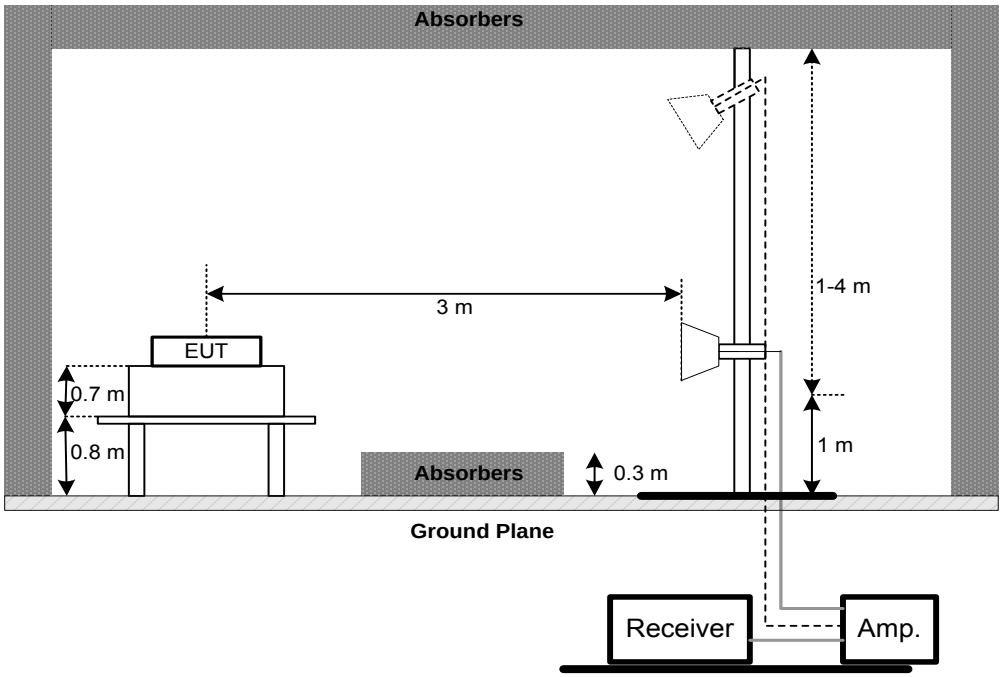
No deviation

4.2.4 TEST SETUP

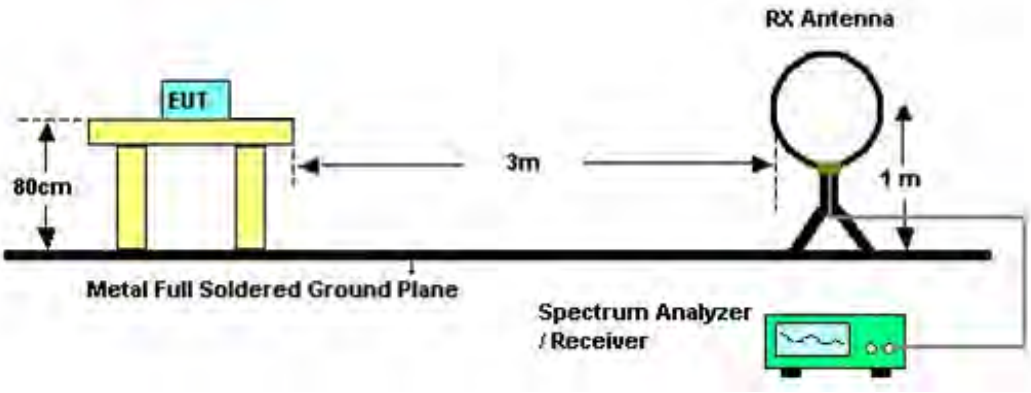
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(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 Attachment 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 Attachment C.

Remark:

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120kHz；SPA setting in RBW=120kHz, VBW =120kHz, Swp. Time = 0.3 sec./MHz。
(2) 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。
(3) Measuring frequency range from 30MHz to 1000MHz。
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table。

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) Spectrum Setting: 30MHz – 1000MHz , RBW= 100kHz, VBW=100kHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(6) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(7) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
(8) 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.

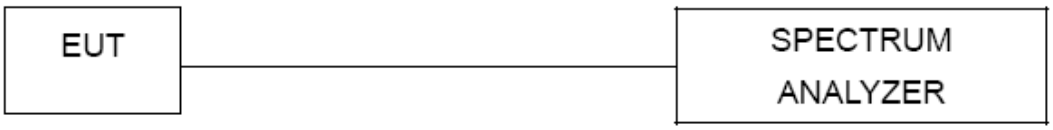
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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 Attachment 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 Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27dBm/MHz	5150-5250	PASS
	-27dBm/MHz	5250-5350	PASS
	-27dBm/MHz	5470-5725	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27dBm/MHz beyond 10MHz of the band edge	5725-5850	PASS

7.1.1 TEST PROCEDURE

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

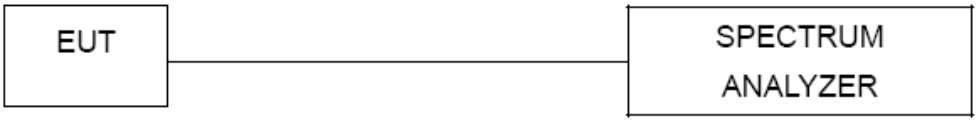
b.

Spectrum Parameter	Setting
Attenuation	Auto
RBW	1000kHz
VBW	1000kHz
Trace	Max Hold
Sweep Time	Auto

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 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.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 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

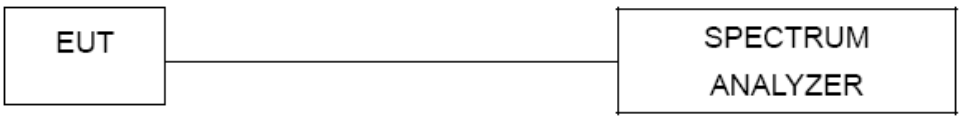
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. 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 +10dBm/MHz), then the converted value will be +7dBm/500kHz.

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 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.

8.1.4 EUT TEST CONDITIONS

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

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 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

9.1.1 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

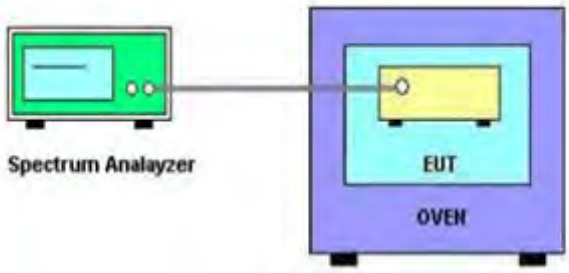
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 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.

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
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. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 27, 2017
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 26, 2017
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
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	Oct. 11, 2016

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Oct. 26, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Oct. 26, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

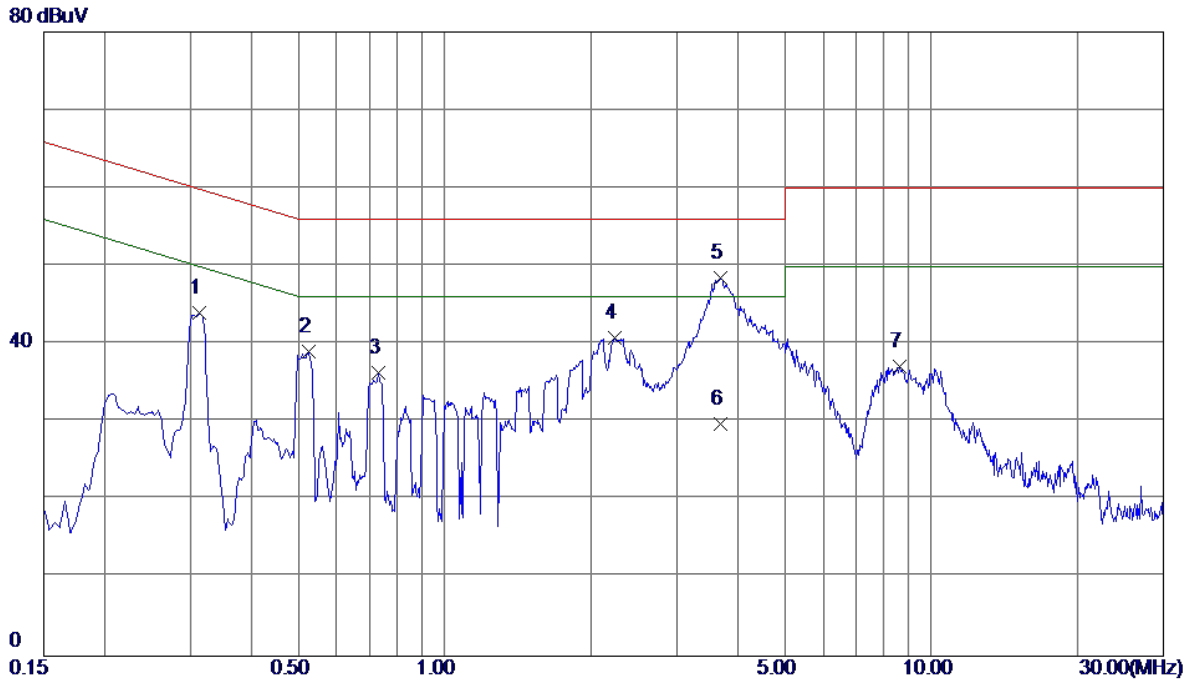
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX Mode

Line

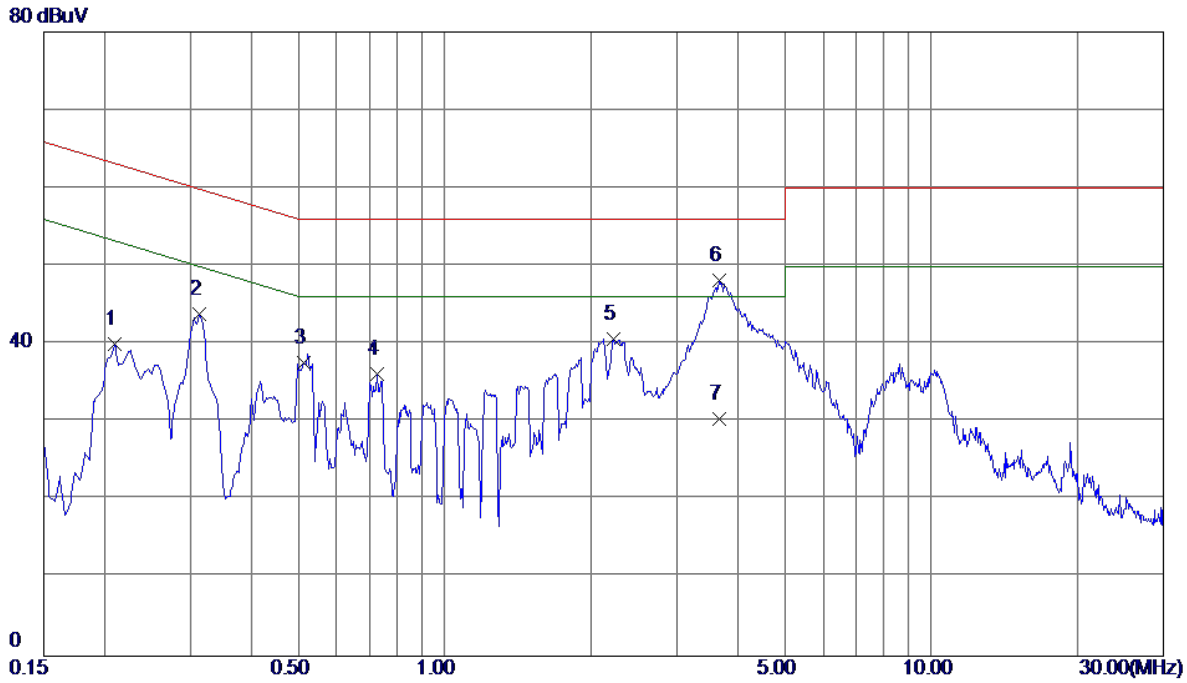


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.3140	34.40	9.53	43.93	59.86	-15.93	Peak	
2	0.5260	29.37	9.64	39.01	56.00	-16.99	Peak	
3	0.7300	26.60	9.68	36.28	56.00	-19.72	Peak	
4	2.2340	30.79	9.98	40.77	56.00	-15.23	Peak	
5 *	3.6940	38.32	10.16	48.48	56.00	-7.52	Peak	
6	3.6940	19.60	10.16	29.76	46.00	-16.24	AVG	
7	8.6059	27.00	10.19	37.19	60.00	-22.81	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	0.2100	30.50	9.53	40.03	63.21	-23.18	Peak	
2	0.3140	34.34	9.53	43.87	59.86	-15.99	Peak	
3	0.5140	28.12	9.44	37.56	56.00	-18.44	Peak	
4	0.7260	26.74	9.47	36.21	56.00	-19.79	Peak	
5	2.2300	30.97	9.74	40.71	56.00	-15.29	Peak	
6 *	3.6780	38.34	9.86	48.20	56.00	-7.80	Peak	
7	3.6780	20.50	9.86	30.36	46.00	-15.64	AVG	

Note：The test result has included the cable loss.

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

Test Mode:	TX Mode

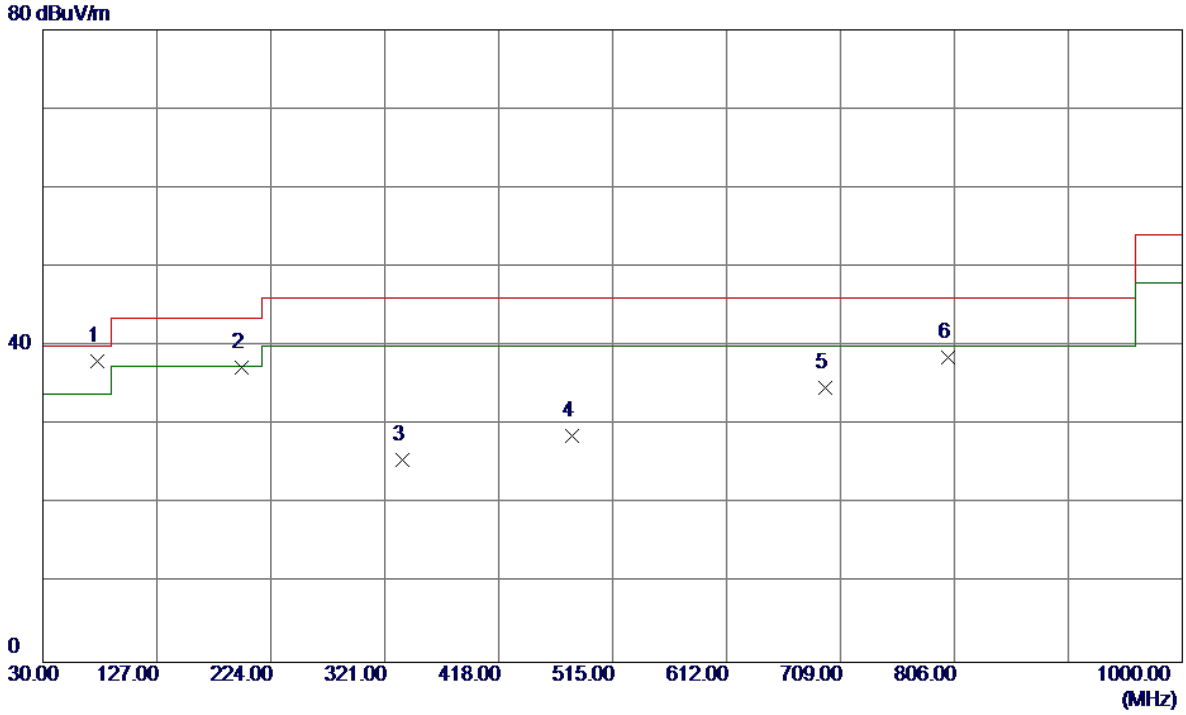
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.009	0°	13.41	24.9967	38.4067	128.5194	-90.1127	AVG
0.009	0°	14.28	24.9967	39.2767	148.5194	-109.2427	PEAK
0.0257	0°	6.73	23.9390	30.6690	119.4056	-88.7366	AVG
0.0257	0°	8.12	23.9390	32.0590	139.4056	-107.3466	PEAK
0.0331	0°	3.17	23.4703	26.6403	117.2077	-90.5673	AVG
0.0331	0°	5.58	23.4703	29.0503	137.2077	-108.1573	PEAK
0.0568	0°	1.16	22.2640	23.4240	112.5173	-89.0933	AVG
0.0568	0°	2.53	22.2640	24.7940	132.5173	-107.7233	PEAK
0.5112	0°	19.36	19.8358	39.1958	73.4324	-34.2366	QP
1.953	0°	23.71	19.5047	43.2147	69.5400	-26.3253	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0124	90°	13.16	24.3000	37.4600	125.7358	-88.2758	AVG
0.0124	90°	14.89	24.3000	39.1900	145.7358	-106.5458	PEAK
0.0233	90°	7.28	24.0910	31.3710	120.2571	-88.8861	AVG
0.0233	90°	8.94	24.0910	33.0310	140.2571	-107.2261	PEAK
0.0464	90°	5.23	22.6280	27.8580	114.2739	-86.4159	AVG
0.0464	90°	6.19	22.6280	28.8180	134.2739	-105.4559	PEAK
0.0537	90°	1.54	22.3260	23.8660	113.0047	-89.1387	AVG
0.0537	90°	2.86	22.3260	25.1860	133.0047	-107.8187	PEAK
0.6226	90°	22.17	20.1923	42.3623	71.7200	-29.3577	QP
2.0578	90°	24.56	19.4653	44.0253	69.5400	-25.5147	QP

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

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

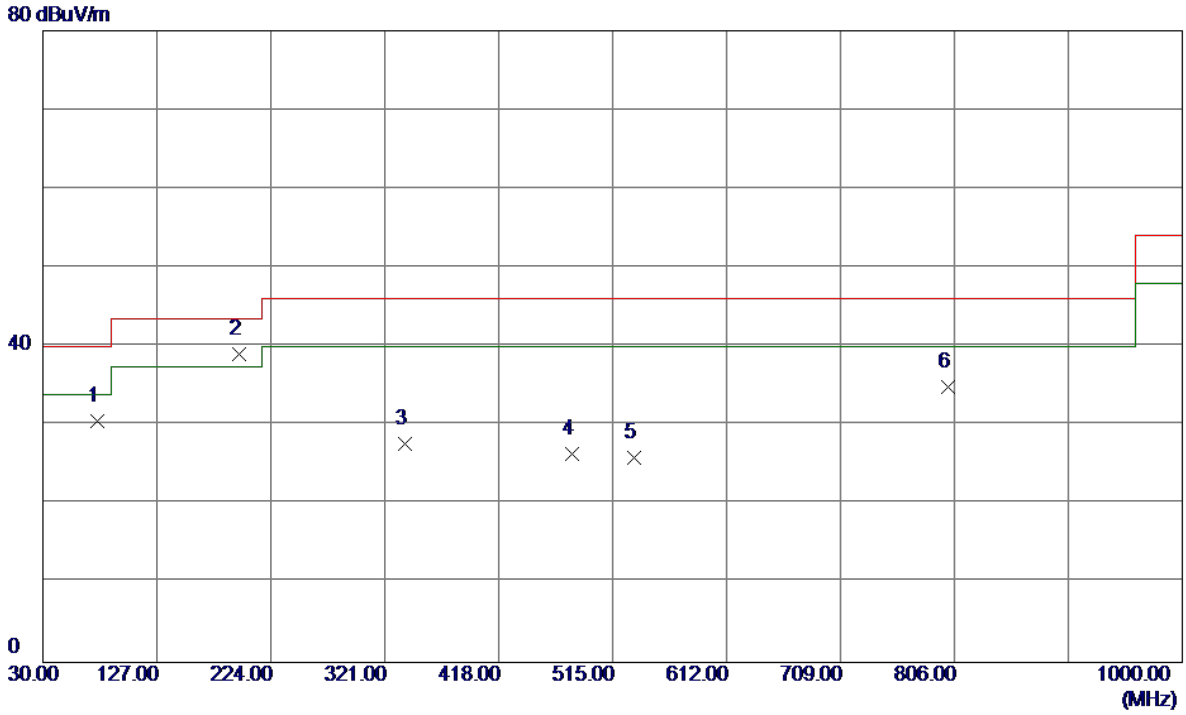
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.57	-16.42	38.15	40.00	-1.85	QP	
2	198.7800	51.70	-14.37	37.33	43.50	-6.17	Peak	
3	336.5200	36.56	-10.93	25.63	46.00	-20.37	Peak	
4	480.0800	37.62	-9.03	28.59	46.00	-17.41	Peak	
5	696.3900	36.96	-2.25	34.71	46.00	-11.29	Peak	
6	800.1800	38.24	0.25	38.49	46.00	-7.51	Peak	

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

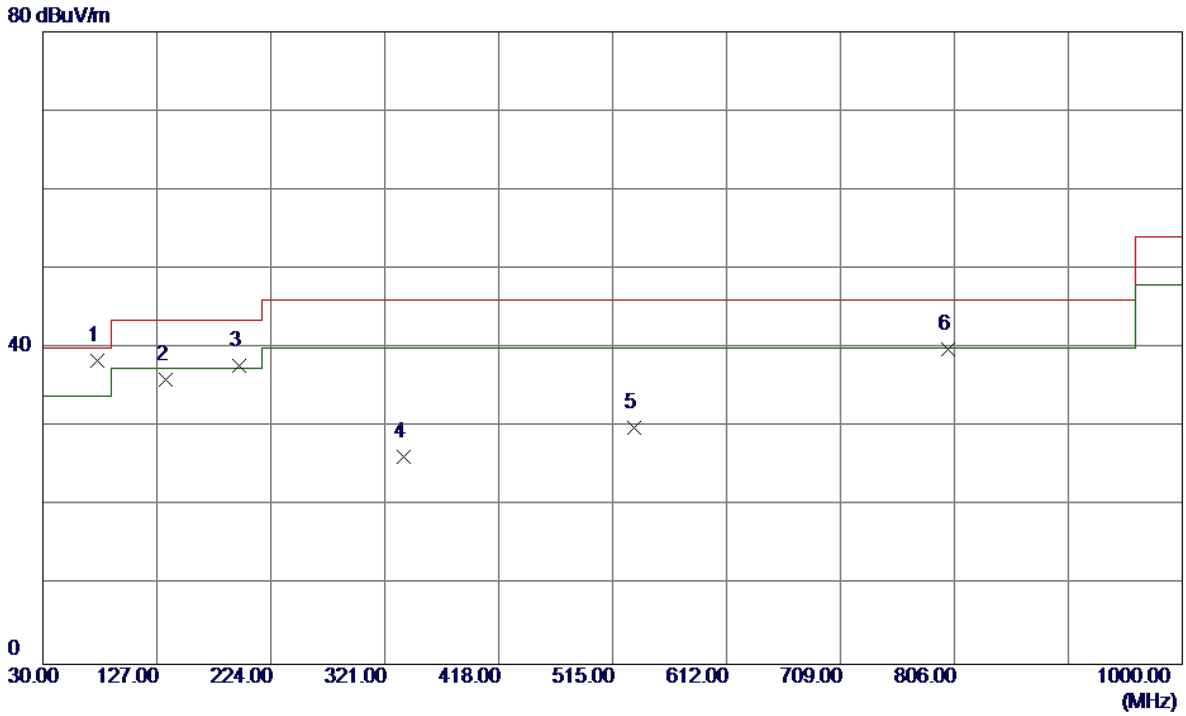
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.93	-16.42	30.51	40.00	-9.49	Peak	
2 *	196.8400	53.31	-14.27	39.04	43.50	-4.46	Peak	
3	338.4600	38.71	-10.98	27.73	46.00	-18.27	Peak	
4	480.0800	35.41	-9.03	26.38	46.00	-19.62	Peak	
5	533.4300	32.13	-6.26	25.87	46.00	-20.13	Peak	
6	800.1800	34.59	0.25	34.84	46.00	-11.16	Peak	

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

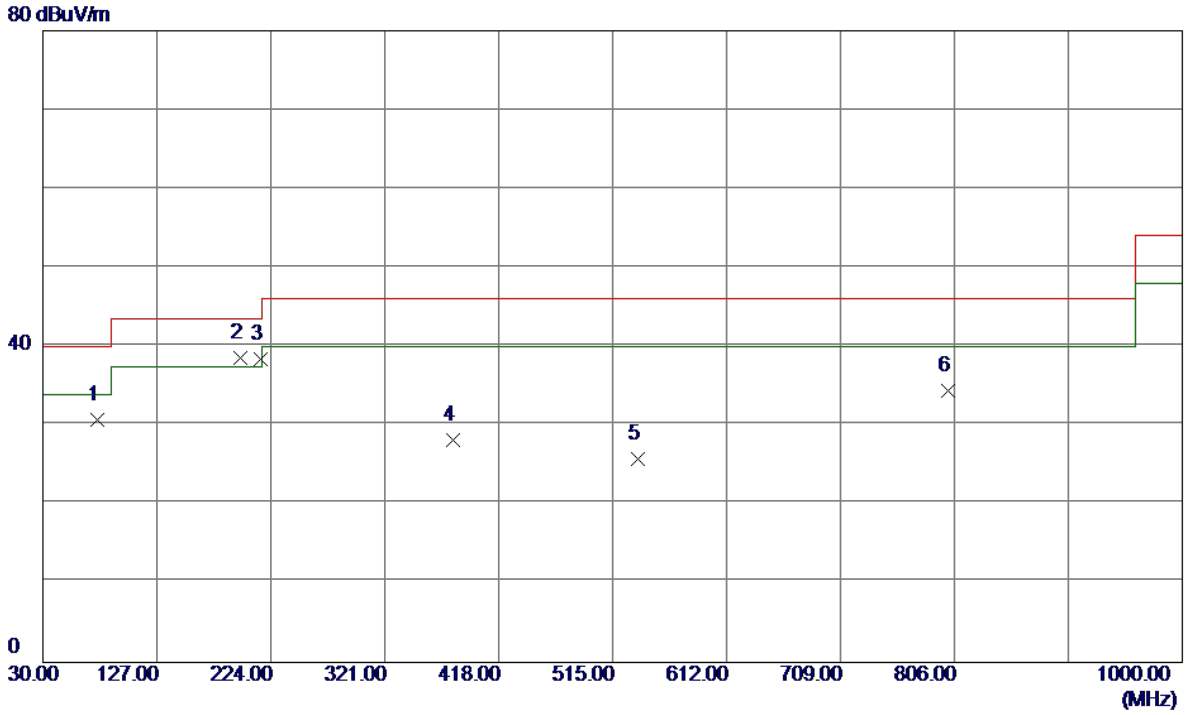
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.77	-16.42	38.35	40.00	-1.65	QP	
2	134.7600	49.08	-13.02	36.06	43.50	-7.44	Peak	
3	196.8400	52.03	-14.27	37.76	43.50	-5.74	Peak	
4	337.4900	37.13	-10.95	26.18	46.00	-19.82	Peak	
5	533.4300	36.12	-6.26	29.86	46.00	-16.14	Peak	
6	800.1800	39.55	0.25	39.80	46.00	-6.20	Peak	

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

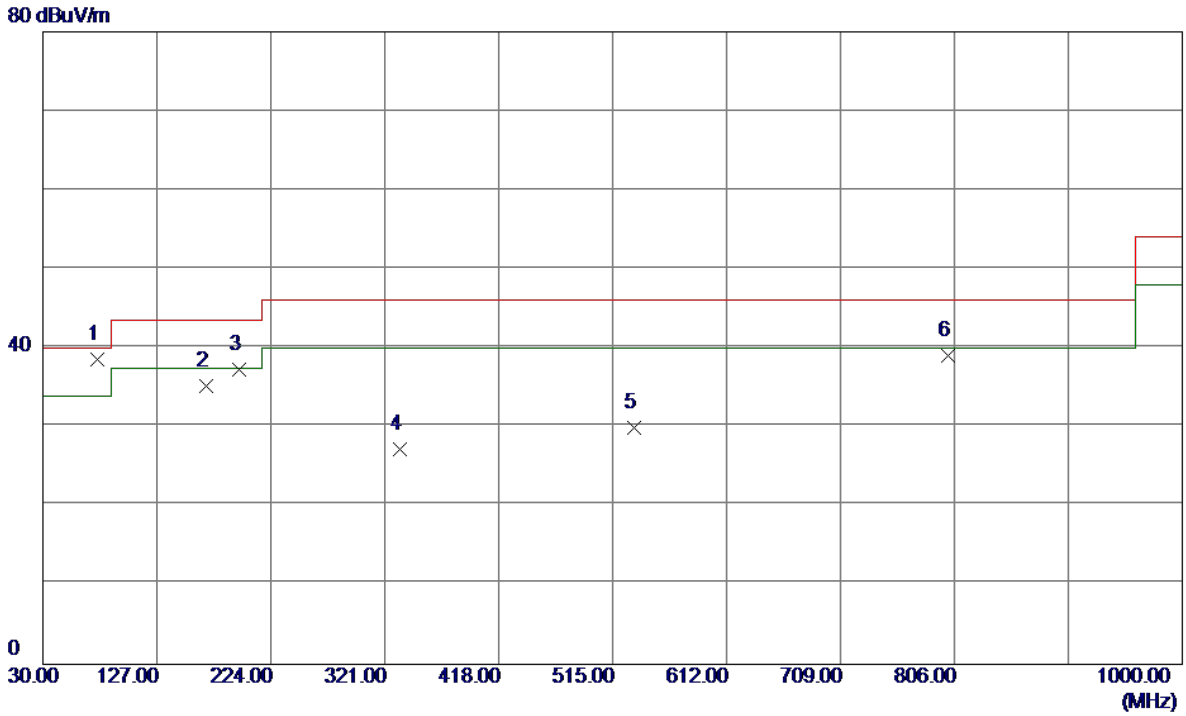
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	47.14	-16.42	30.72	40.00	-9.28	Peak	
2 *	197.8100	52.88	-14.32	38.56	43.50	-4.94	Peak	
3	215.2700	52.89	-14.44	38.45	43.50	-5.05	Peak	
4	379.2000	37.37	-9.21	28.16	46.00	-17.84	Peak	
5	536.3400	31.65	-5.96	25.69	46.00	-20.31	Peak	
6	800.1800	34.15	0.25	34.40	46.00	-11.60	Peak	

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

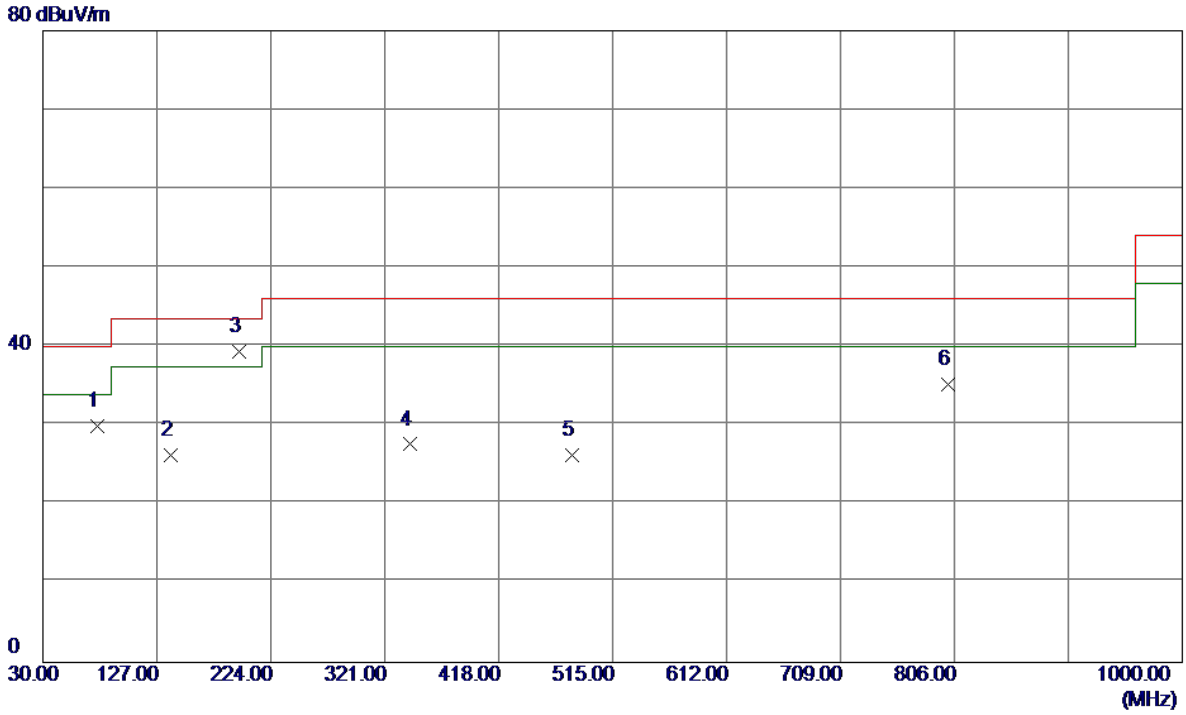
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.93	-16.42	38.51	40.00	-1.49	QP	
2	168.7100	47.45	-12.23	35.22	43.50	-8.28	Peak	
3	196.8400	51.55	-14.27	37.28	43.50	-6.22	Peak	
4	333.6099	38.11	-10.87	27.24	46.00	-18.76	Peak	
5	533.4300	36.17	-6.26	29.91	46.00	-16.09	Peak	
6	800.1800	38.75	0.25	39.00	46.00	-7.00	Peak	

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

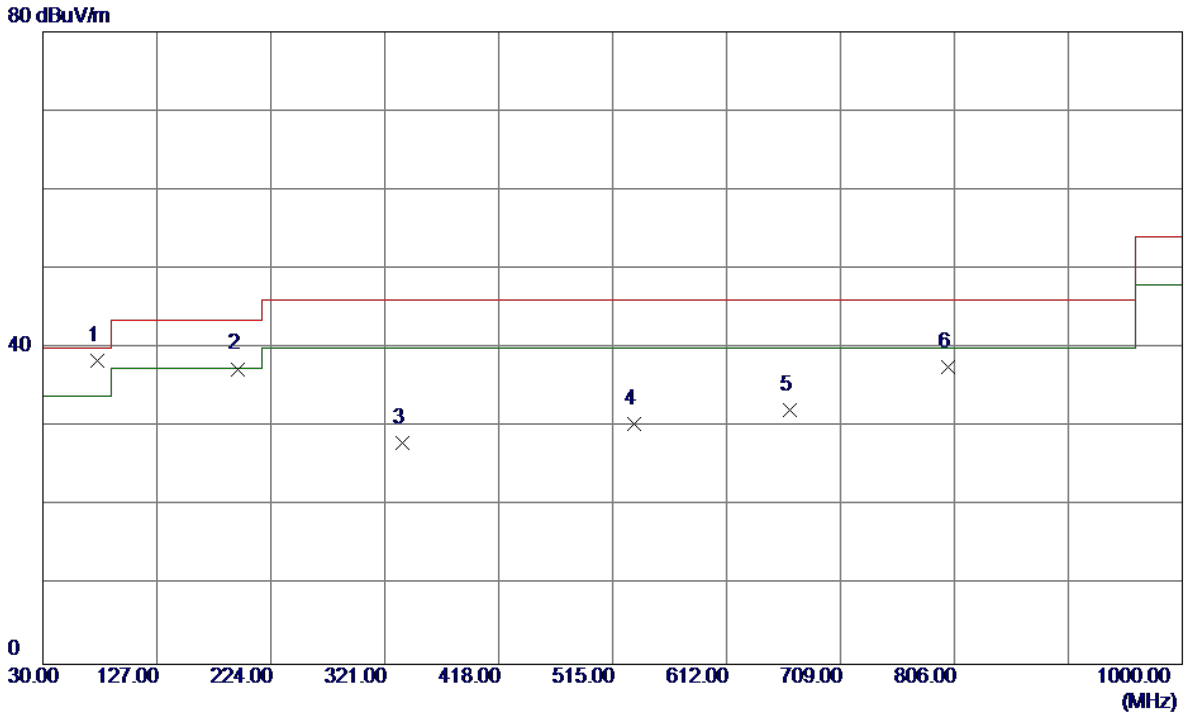
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.35	-16.42	29.93	40.00	-10.07	Peak	
2	138.6400	39.81	-13.56	26.25	43.50	-17.25	Peak	
3 *	196.8400	53.65	-14.27	39.38	43.50	-4.12	Peak	
4	342.3400	38.66	-11.06	27.60	46.00	-18.40	Peak	
5	480.0800	35.21	-9.03	26.18	46.00	-19.82	Peak	
6	800.1800	34.95	0.25	35.20	46.00	-10.80	Peak	

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

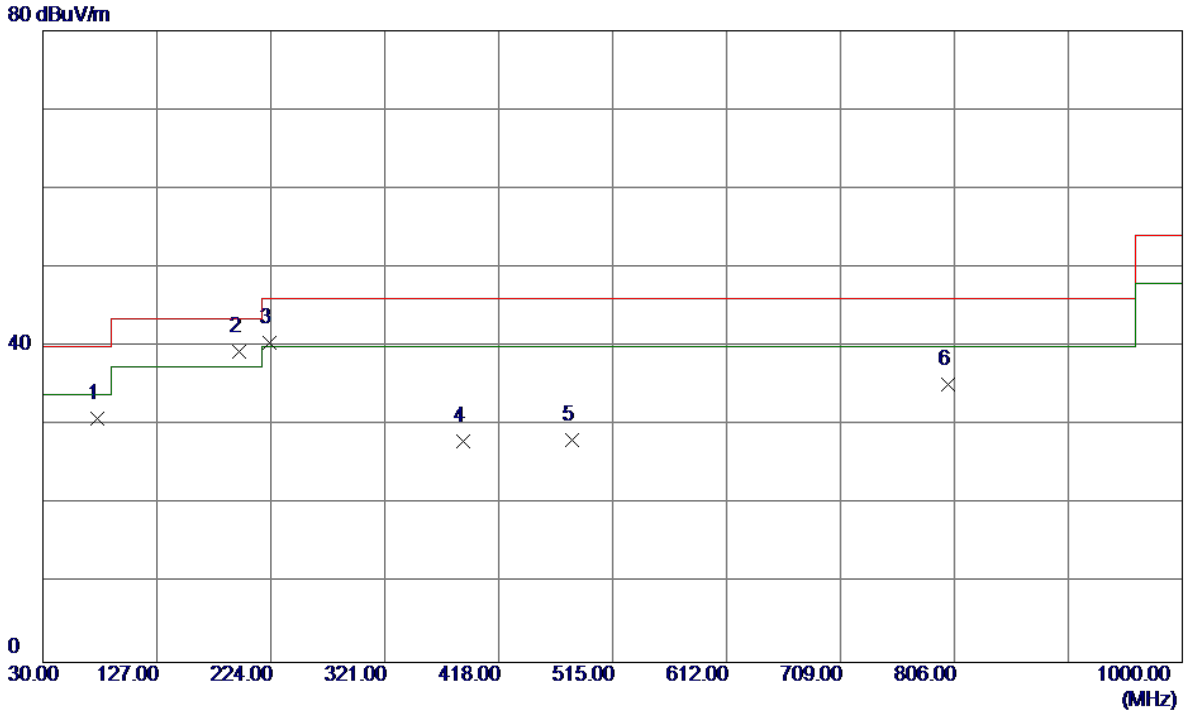
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.80	-16.42	38.38	40.00	-1.62	QP	
2	195.8700	51.59	-14.23	37.36	43.50	-6.14	Peak	
3	336.5200	38.86	-10.93	27.93	46.00	-18.07	Peak	
4	533.4300	36.61	-6.26	30.35	46.00	-15.65	Peak	
5	666.3200	35.62	-3.50	32.12	46.00	-13.88	Peak	
6	800.1800	37.40	0.25	37.65	46.00	-8.35	Peak	

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

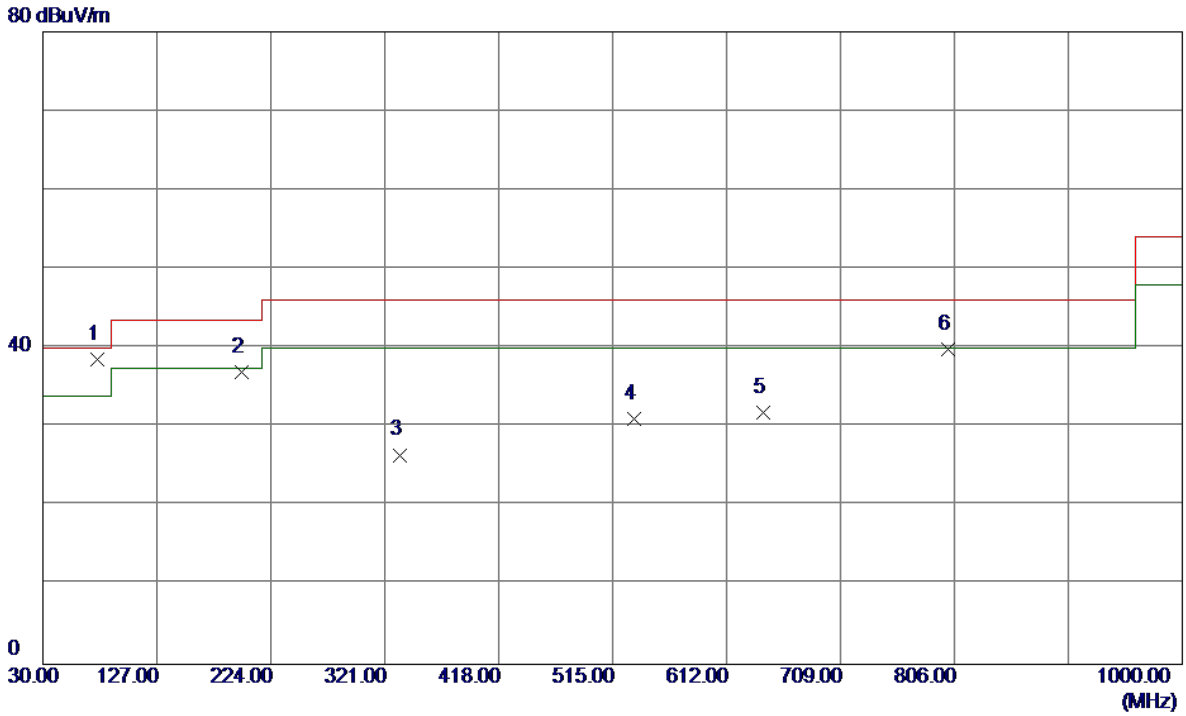
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	47.28	-16.42	30.86	40.00	-9.14	Peak	
2 *	196.8400	53.65	-14.27	39.38	43.50	-4.12	Peak	
3	223.0300	54.40	-13.99	40.41	46.00	-5.59	Peak	
4	387.9300	36.66	-8.61	28.05	46.00	-17.95	Peak	
5	480.0800	37.22	-9.03	28.19	46.00	-17.81	Peak	
6	800.1800	34.95	0.25	35.20	46.00	-10.80	Peak	

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

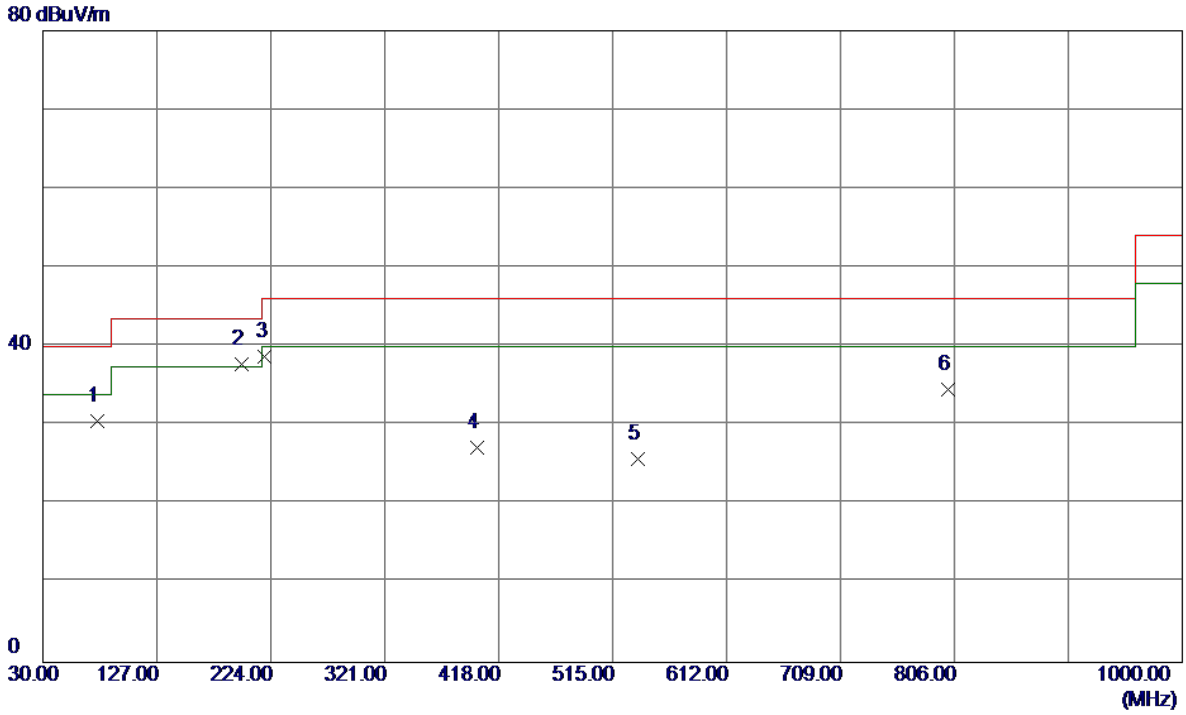
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	55.05	-16.42	38.63	40.00	-1.37	QP	
2	198.7800	51.35	-14.37	36.98	43.50	-6.52	Peak	
3	333.6099	37.35	-10.87	26.48	46.00	-19.52	Peak	
4	533.4300	37.24	-6.26	30.98	46.00	-15.02	Peak	
5	643.0400	36.37	-4.58	31.79	46.00	-14.21	Peak	
6	800.1800	39.56	0.25	39.81	46.00	-6.19	Peak	

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

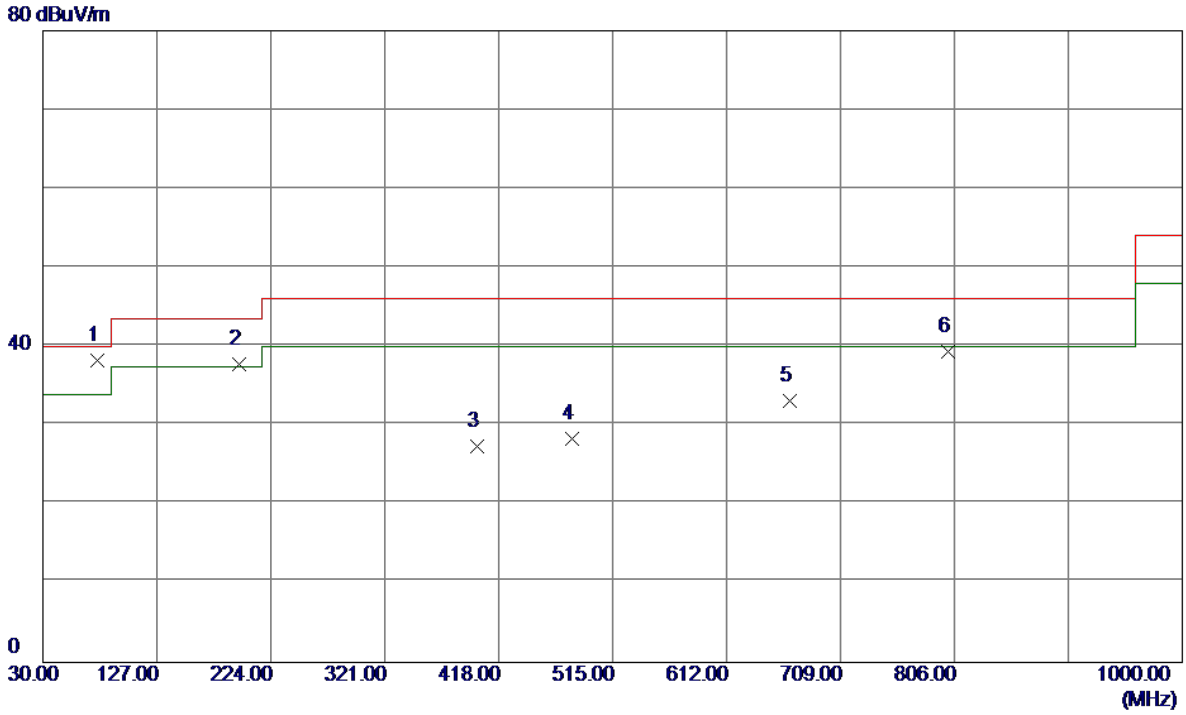
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	47.03	-16.42	30.61	40.00	-9.39	Peak	
2 *	198.7800	52.11	-14.37	37.74	43.50	-5.76	Peak	
3	219.1500	53.08	-14.29	38.79	46.00	-7.21	Peak	
4	399.5700	35.03	-7.81	27.22	46.00	-18.78	Peak	
5	536.3400	31.72	-5.96	25.76	46.00	-20.24	Peak	
6	800.1800	34.36	0.25	34.61	46.00	-11.39	Peak	

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

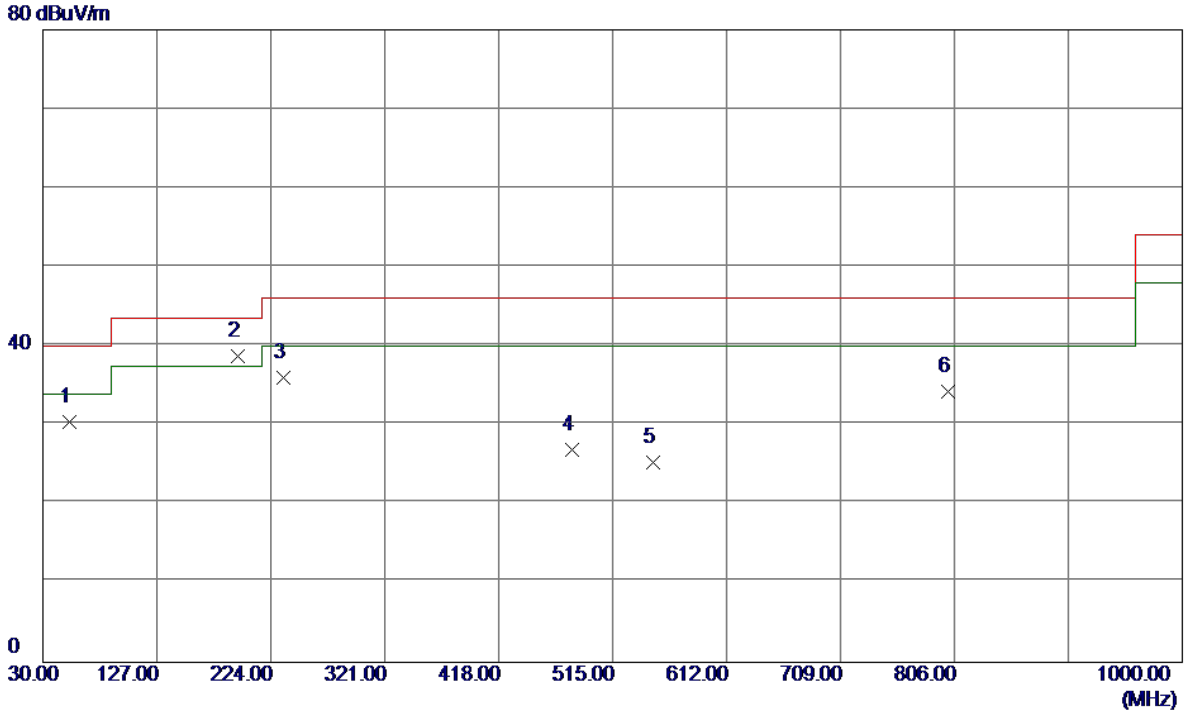
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.69	-16.42	38.27	40.00	-1.73	QP	
2	196.8400	52.09	-14.27	37.82	43.50	-5.68	Peak	
3	399.5700	35.23	-7.81	27.42	46.00	-18.58	Peak	
4	480.0800	37.42	-9.03	28.39	46.00	-17.61	Peak	
5	666.3200	36.55	-3.50	33.05	46.00	-12.95	Peak	
6	800.1800	39.06	0.25	39.31	46.00	-6.69	Peak	

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

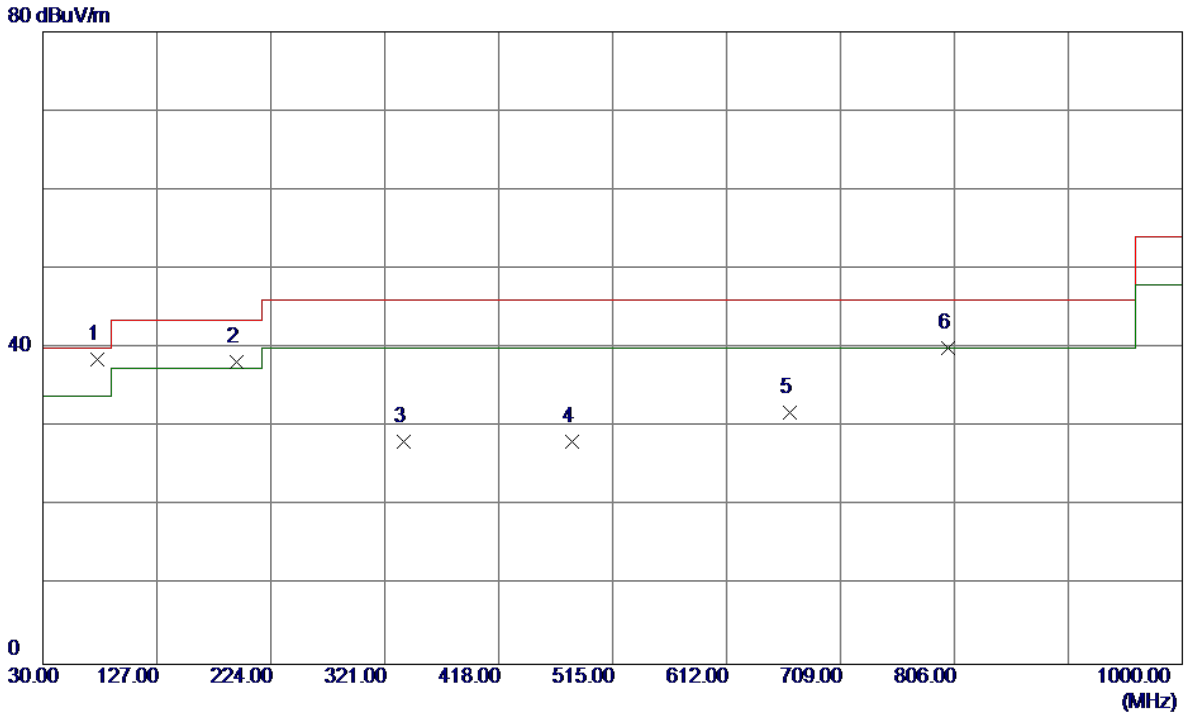
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	52.3100	44.31	-13.84	30.47	40.00	-9.53	Peak	
2 *	195.8700	52.89	-14.23	38.66	43.50	-4.84	Peak	
3	234.6700	49.61	-13.56	36.05	46.00	-9.95	Peak	
4	480.0800	35.89	-9.03	26.86	46.00	-19.14	Peak	
5	549.9200	29.76	-4.55	25.21	46.00	-20.79	Peak	
6	800.1800	34.02	0.25	34.27	46.00	-11.73	Peak	

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

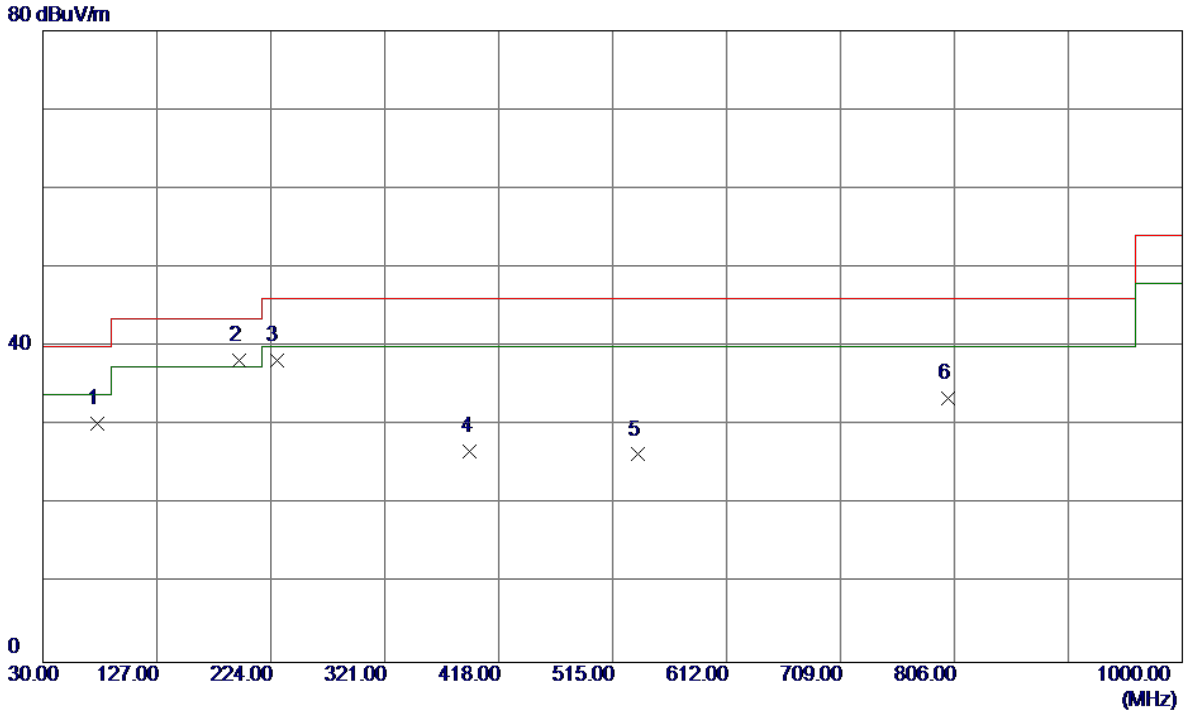
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	55.03	-16.42	38.61	40.00	-1.39	QP	
2	194.9000	52.39	-14.18	38.21	43.50	-5.29	Peak	
3	337.4900	39.17	-10.95	28.22	46.00	-17.78	Peak	
4	480.0800	37.17	-9.03	28.14	46.00	-17.86	Peak	
5	666.3200	35.38	-3.50	31.88	46.00	-14.12	Peak	
6	800.1800	39.70	0.25	39.95	46.00	-6.05	Peak	

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

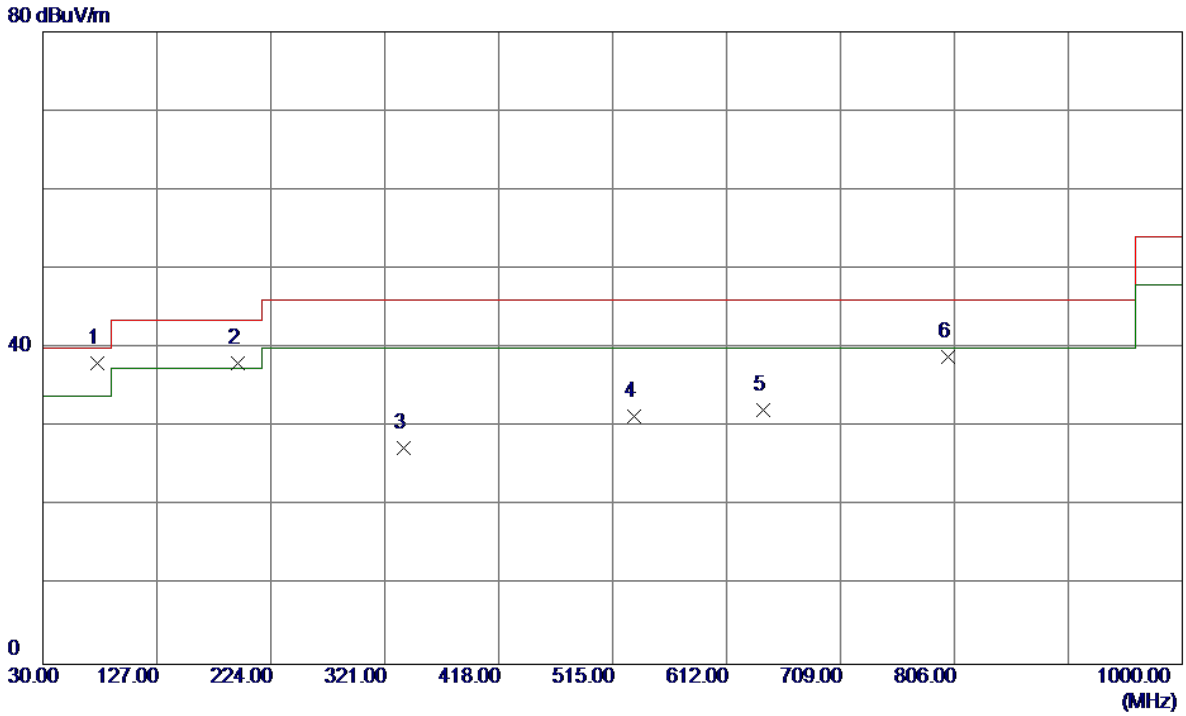
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.68	-16.42	30.26	40.00	-9.74	Peak	
2 *	196.8400	52.51	-14.27	38.24	43.50	-5.26	Peak	
3	228.8500	51.67	-13.47	38.20	46.00	-7.80	Peak	
4	393.7500	34.94	-8.21	26.73	46.00	-19.27	Peak	
5	536.3400	32.28	-5.96	26.32	46.00	-19.68	Peak	
6	800.1800	33.15	0.25	33.40	46.00	-12.60	Peak	

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

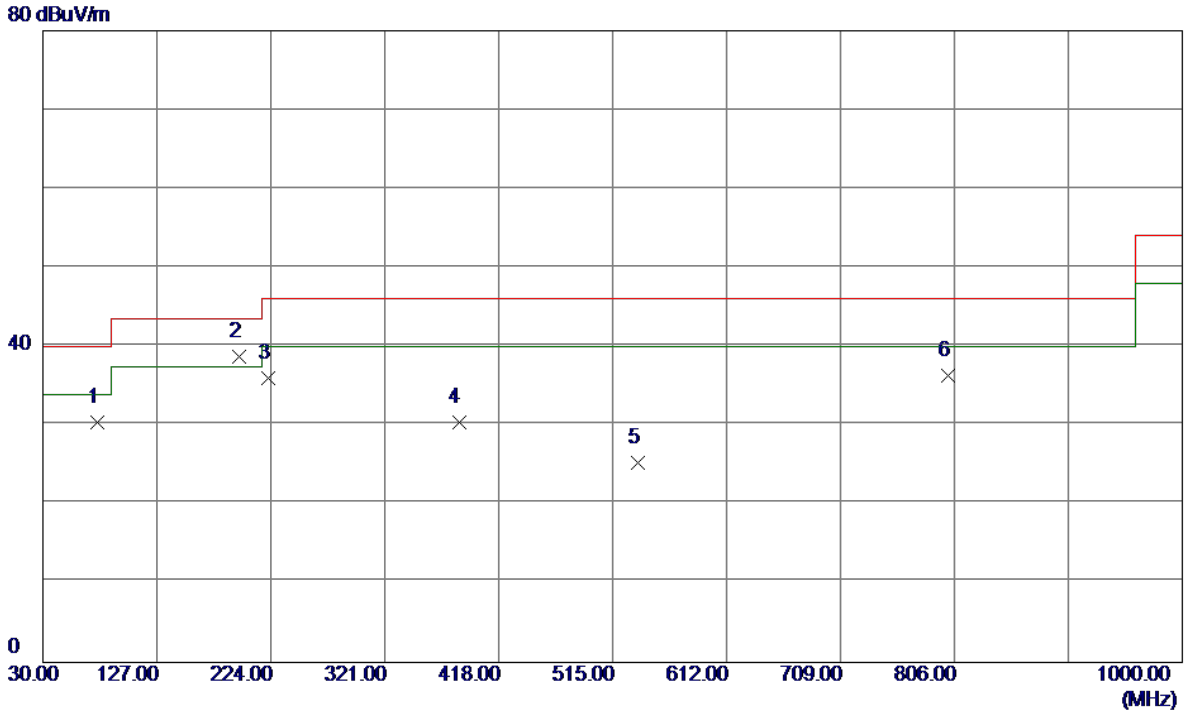
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.51	-16.42	38.09	40.00	-1.91	QP	
2	195.8700	52.24	-14.23	38.01	43.50	-5.49	Peak	
3	337.4900	38.36	-10.95	27.41	46.00	-18.59	Peak	
4	533.4300	37.66	-6.26	31.40	46.00	-14.60	Peak	
5	643.0400	36.70	-4.58	32.12	46.00	-13.88	Peak	
6	800.1800	38.67	0.25	38.92	46.00	-7.08	Peak	

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

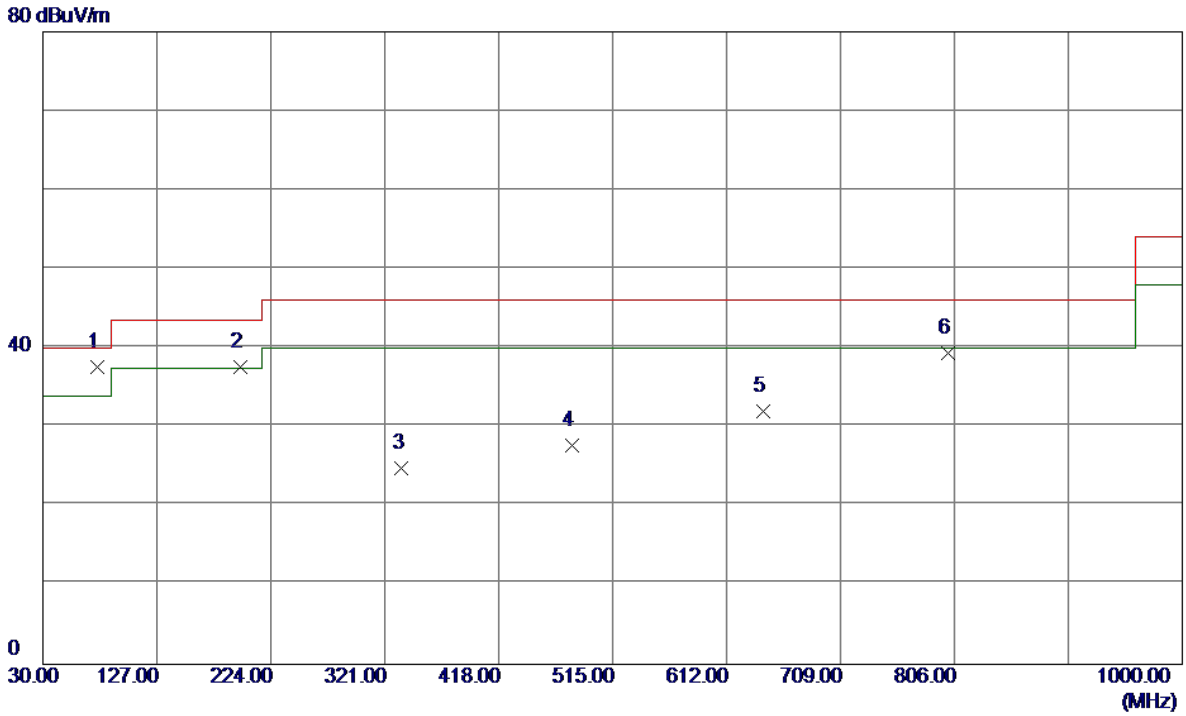
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.84	-16.42	30.42	40.00	-9.58	Peak	
2 *	196.8400	53.06	-14.27	38.79	43.50	-4.71	Peak	
3	222.0600	50.02	-14.07	35.95	46.00	-10.05	Peak	
4	384.0500	39.32	-8.88	30.44	46.00	-15.56	Peak	
5	536.3400	31.20	-5.96	25.24	46.00	-20.76	Peak	
6	800.1800	36.03	0.25	36.28	46.00	-9.72	Peak	

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

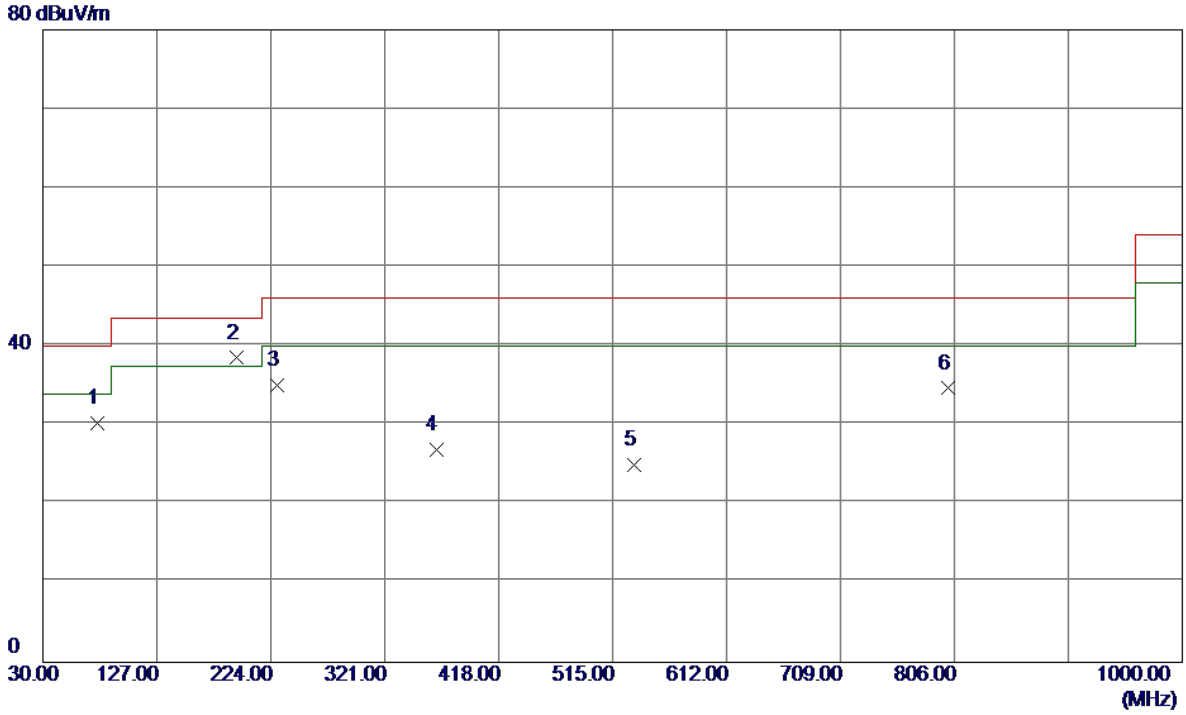
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	53.95	-16.42	37.53	40.00	-2.47	QP	
2	197.8100	51.99	-14.32	37.67	43.50	-5.83	Peak	
3	335.5500	35.73	-10.91	24.82	46.00	-21.18	Peak	
4	480.0800	36.71	-9.03	27.68	46.00	-18.32	Peak	
5	643.0400	36.63	-4.58	32.05	46.00	-13.95	Peak	
6	800.1800	39.17	0.25	39.42	46.00	-6.58	Peak	

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

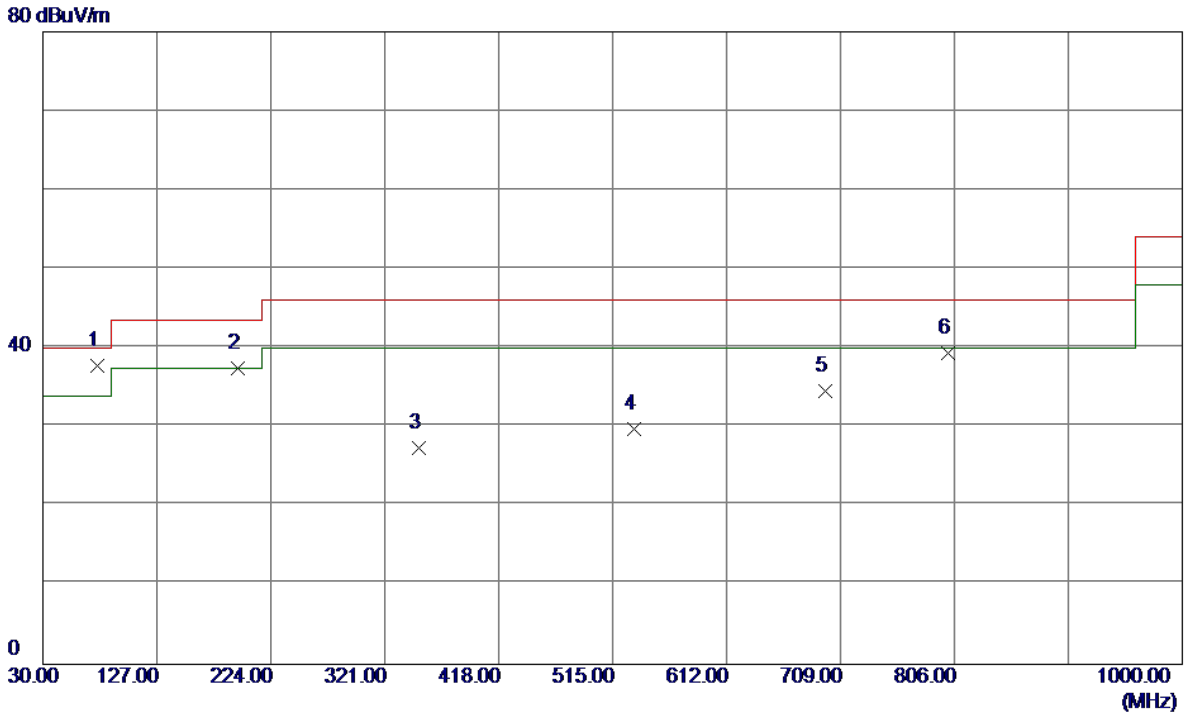
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.69	-16.42	30.27	40.00	-9.73	Peak	
2 *	194.9000	52.66	-14.18	38.48	43.50	-5.02	Peak	
3	229.8200	48.40	-13.38	35.02	46.00	-10.98	Peak	
4	364.6500	37.05	-10.21	26.84	46.00	-19.16	Peak	
5	533.4300	31.24	-6.26	24.98	46.00	-21.02	Peak	
6	800.1800	34.39	0.25	34.64	46.00	-11.36	Peak	

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

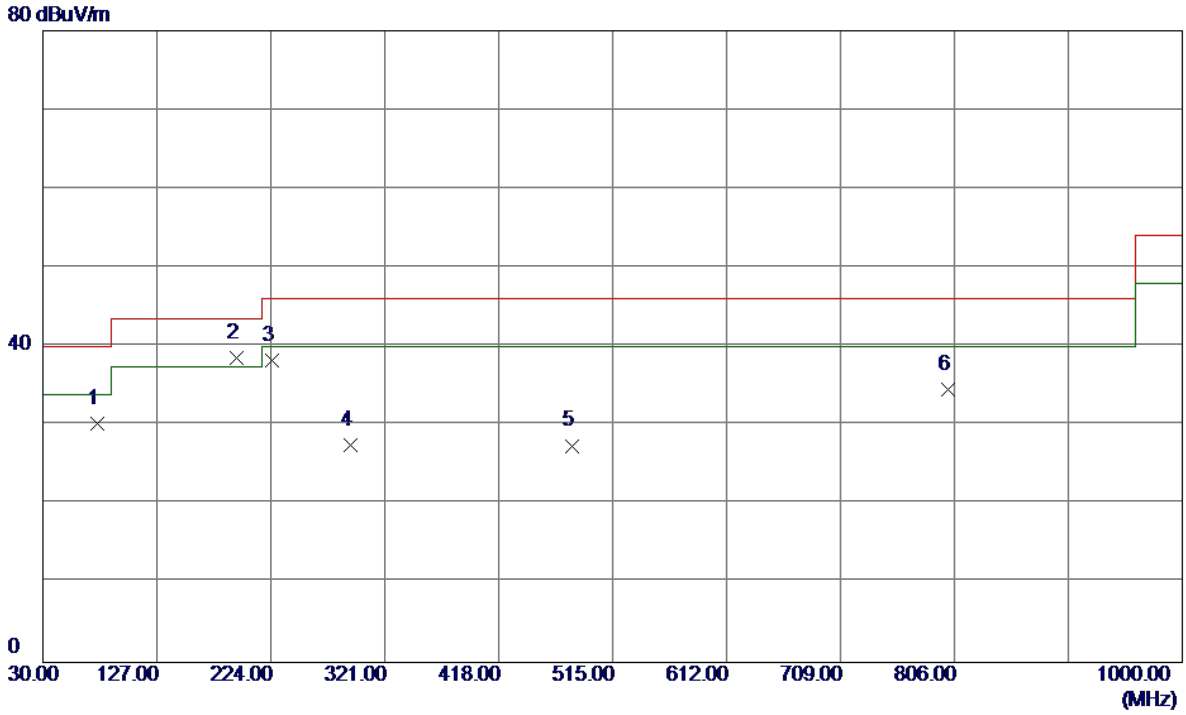
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.23	-16.42	37.81	40.00	-2.19	QP	
2	195.8700	51.70	-14.23	37.47	43.50	-6.03	Peak	
3	350.1000	38.62	-11.21	27.41	46.00	-18.59	Peak	
4	533.4300	36.09	-6.26	29.83	46.00	-16.17	Peak	
5	696.3900	36.75	-2.25	34.50	46.00	-11.50	Peak	
6	800.1800	39.15	0.25	39.40	46.00	-6.60	Peak	

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

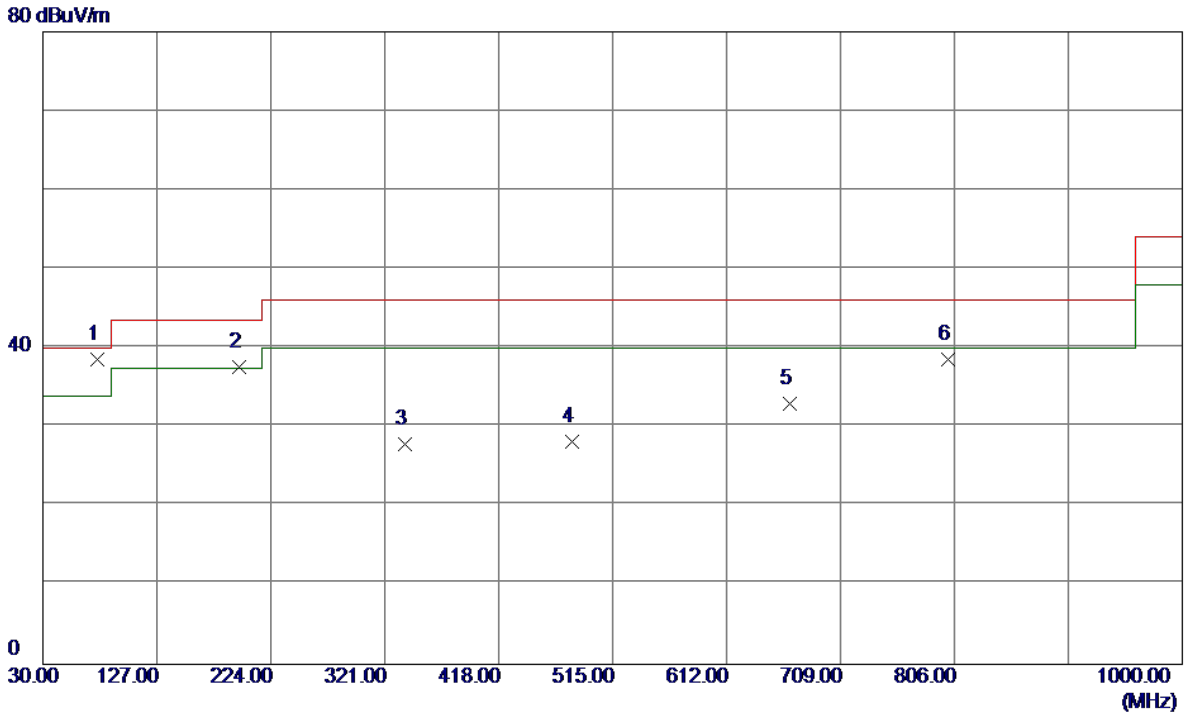
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.71	-16.42	30.29	40.00	-9.71	Peak	
2 *	194.9000	52.81	-14.18	38.63	43.50	-4.87	Peak	
3	224.9700	52.11	-13.82	38.29	46.00	-7.71	Peak	
4	291.9000	38.56	-11.04	27.52	46.00	-18.48	Peak	
5	480.0800	36.47	-9.03	27.44	46.00	-18.56	Peak	
6	800.1800	34.33	0.25	34.58	46.00	-11.42	Peak	

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

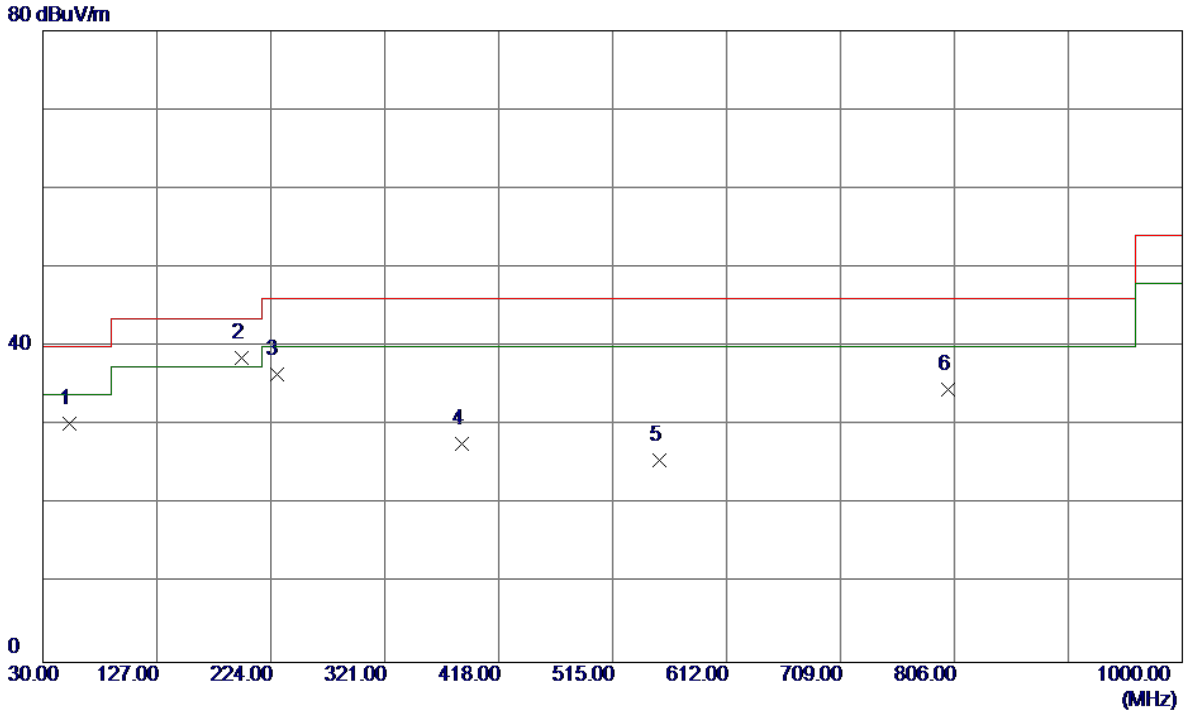
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.95	-16.42	38.53	40.00	-1.47	QP	
2	196.8400	51.85	-14.27	37.58	43.50	-5.92	Peak	
3	338.4600	38.75	-10.98	27.77	46.00	-18.23	Peak	
4	480.0800	37.26	-9.03	28.23	46.00	-17.77	Peak	
5	666.3200	36.41	-3.50	32.91	46.00	-13.09	Peak	
6	800.1800	38.38	0.25	38.63	46.00	-7.37	Peak	

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

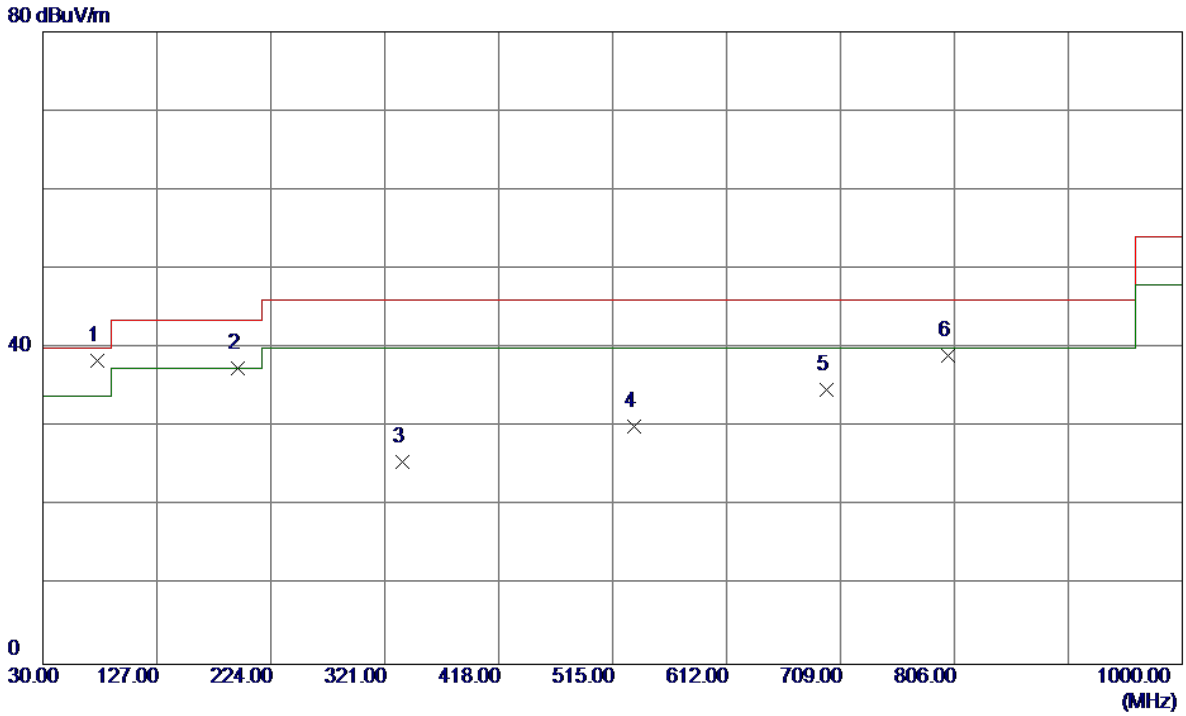
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	52.3100	44.05	-13.84	30.21	40.00	-9.79	Peak	
2 *	198.7800	52.94	-14.37	38.57	43.50	-4.93	Peak	
3	228.8500	49.90	-13.47	36.43	46.00	-9.57	Peak	
4	386.9600	36.30	-8.68	27.62	46.00	-18.38	Peak	
5	554.7700	30.36	-4.78	25.58	46.00	-20.42	Peak	
6	800.1800	34.25	0.25	34.50	46.00	-11.50	Peak	

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

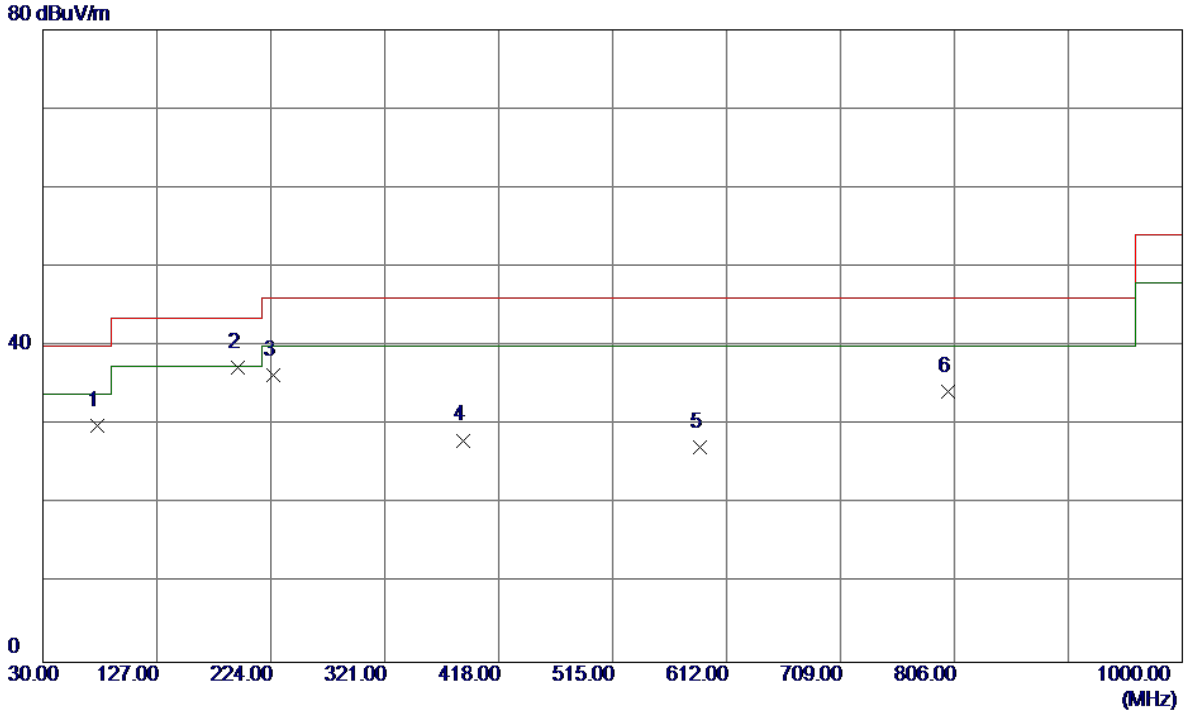
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	76.5600	54.80	-16.42	38.38	40.00	-1.62	QP	
2	195.8700	51.73	-14.23	37.50	43.50	-6.00	Peak	
3	336.5200	36.60	-10.93	25.67	46.00	-20.33	Peak	
4	533.4300	36.32	-6.26	30.06	46.00	-15.94	Peak	
5	697.3600	36.96	-2.21	34.75	46.00	-11.25	Peak	
6	800.1800	38.72	0.25	38.97	46.00	-7.03	Peak	

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

Horizontal

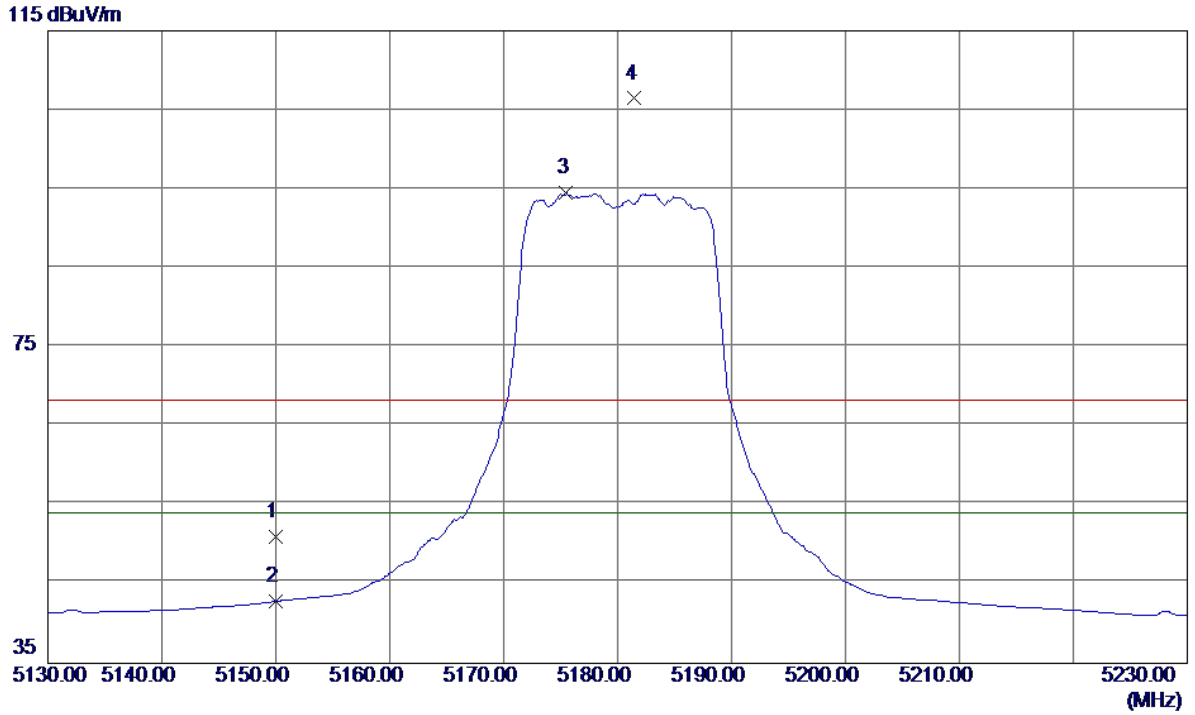


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	46.35	-16.42	29.93	40.00	-10.07	Peak	
2 *	195.8700	51.46	-14.23	37.23	43.50	-6.27	Peak	
3	225.9400	50.05	-13.73	36.32	46.00	-9.68	Peak	
4	387.9300	36.69	-8.61	28.08	46.00	-17.92	Peak	
5	589.6900	33.74	-6.54	27.20	46.00	-18.80	Peak	
6	800.1800	33.95	0.25	34.20	46.00	-11.80	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

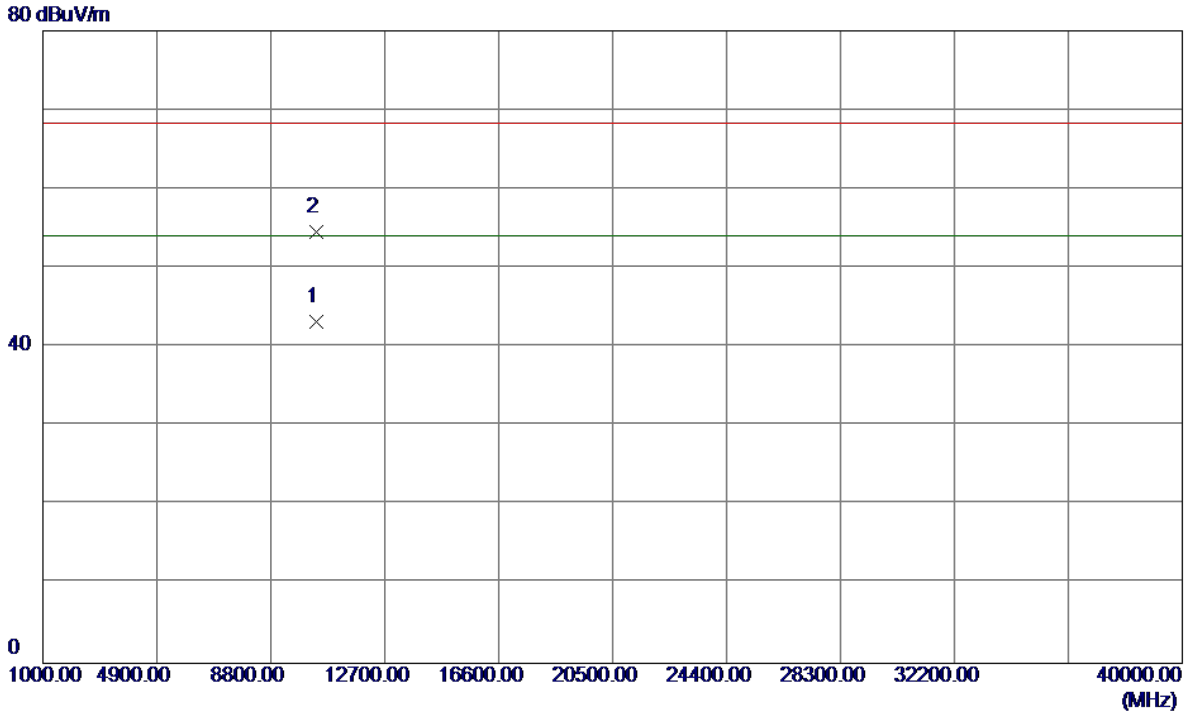
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.39	40.62	51.01	68.30	-17.29	Peak	
2	5150.0000	2.23	40.62	42.85	54.00	-11.15	AVG	
3 *	5175.5000	53.75	40.71	94.46	54.00	40.46	AVG	No Limit
4	5181.5000	65.71	40.73	106.44	68.30	38.14	Peak	No Limit

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

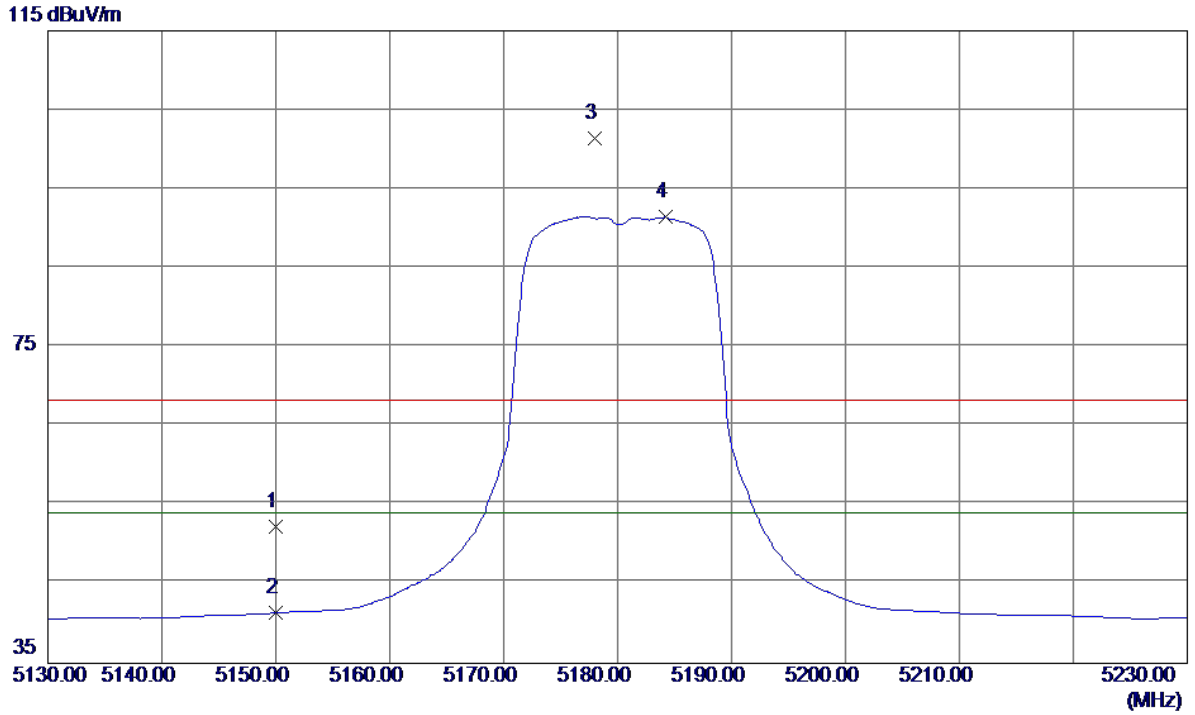
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.9500	28.23	14.96	43.19	54.00	-10.81	AVG	
2	10360.1430	39.62	14.96	54.58	68.30	-13.72	Peak	

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

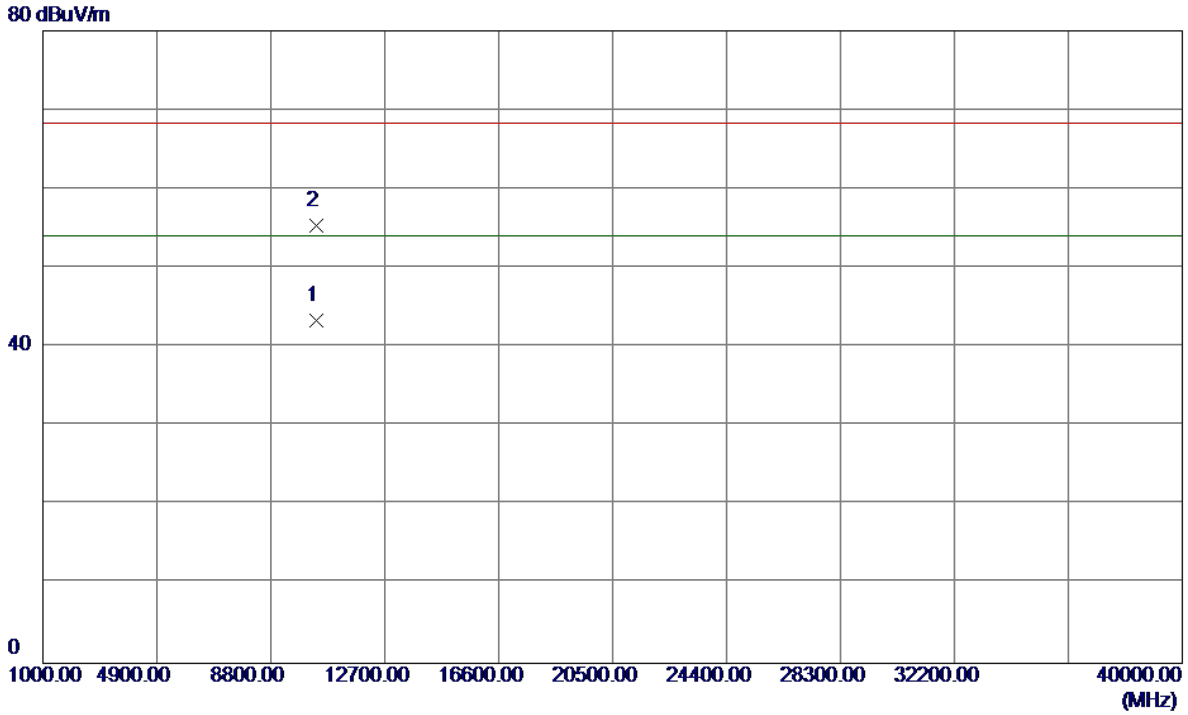
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.66	40.62	52.28	68.30	-16.02	Peak	
2	5150.0000	0.75	40.62	41.37	54.00	-12.63	AVG	
3	5178.0000	60.62	40.72	101.34	68.30	33.04	Peak	No Limit
4 *	5184.2000	50.70	40.74	91.44	54.00	37.44	AVG	No Limit

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

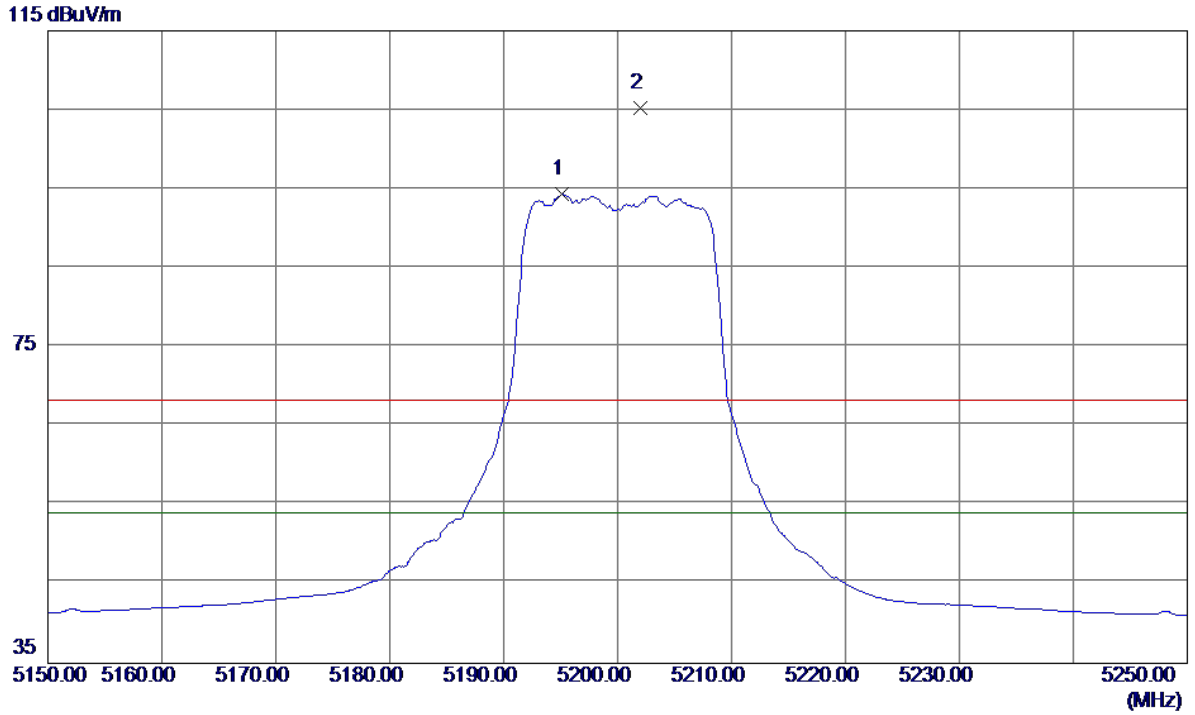
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.6800	28.38	14.96	43.34	54.00	-10.66	AVG	
2	10360.5300	40.33	14.96	55.29	68.30	-13.01	Peak	

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

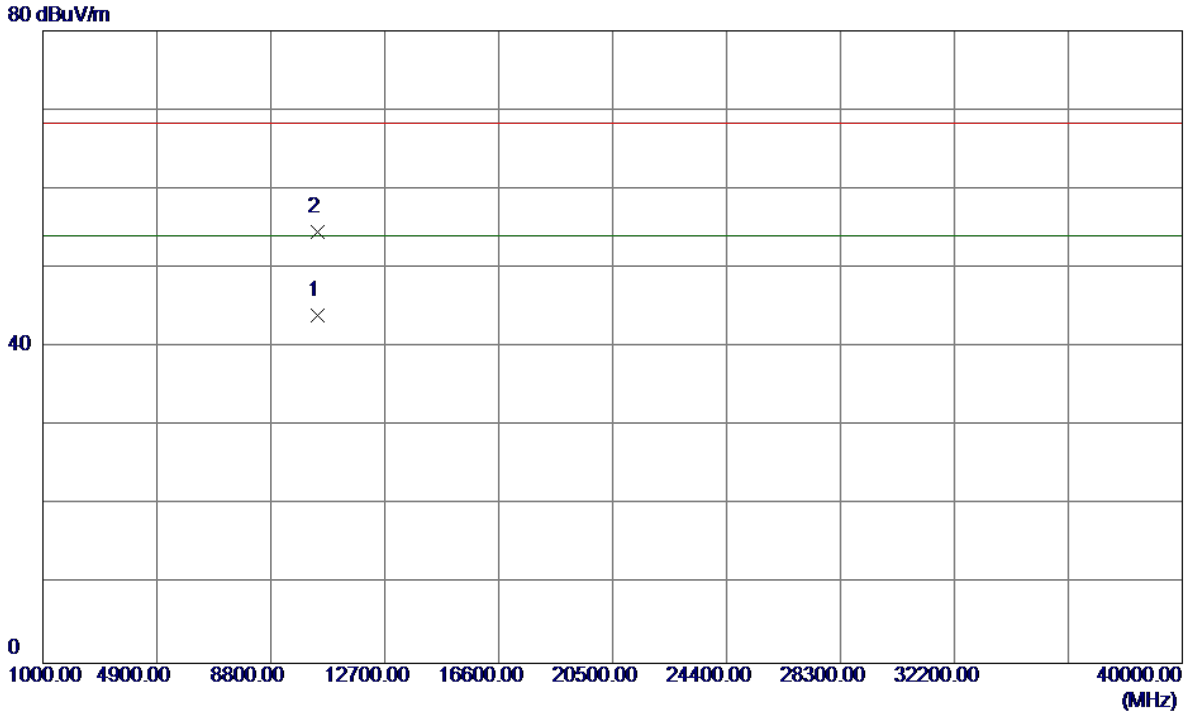
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5195.1000	53.59	40.77	94.36	54.00	40.36	AVG	No Limit
2	5202.0000	64.43	40.80	105.23	68.30	36.93	Peak	No Limit

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

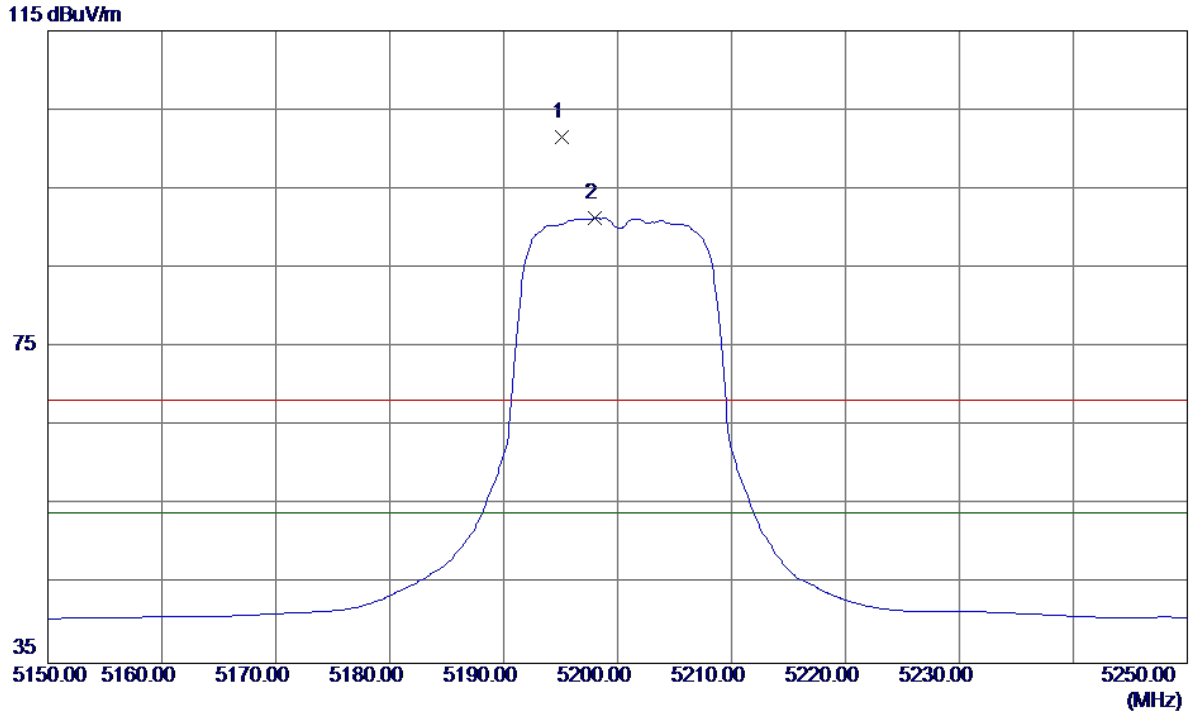
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.8400	28.93	15.06	43.99	54.00	-10.01	AVG	
2	10399.9900	39.55	15.06	54.61	68.30	-13.69	Peak	

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

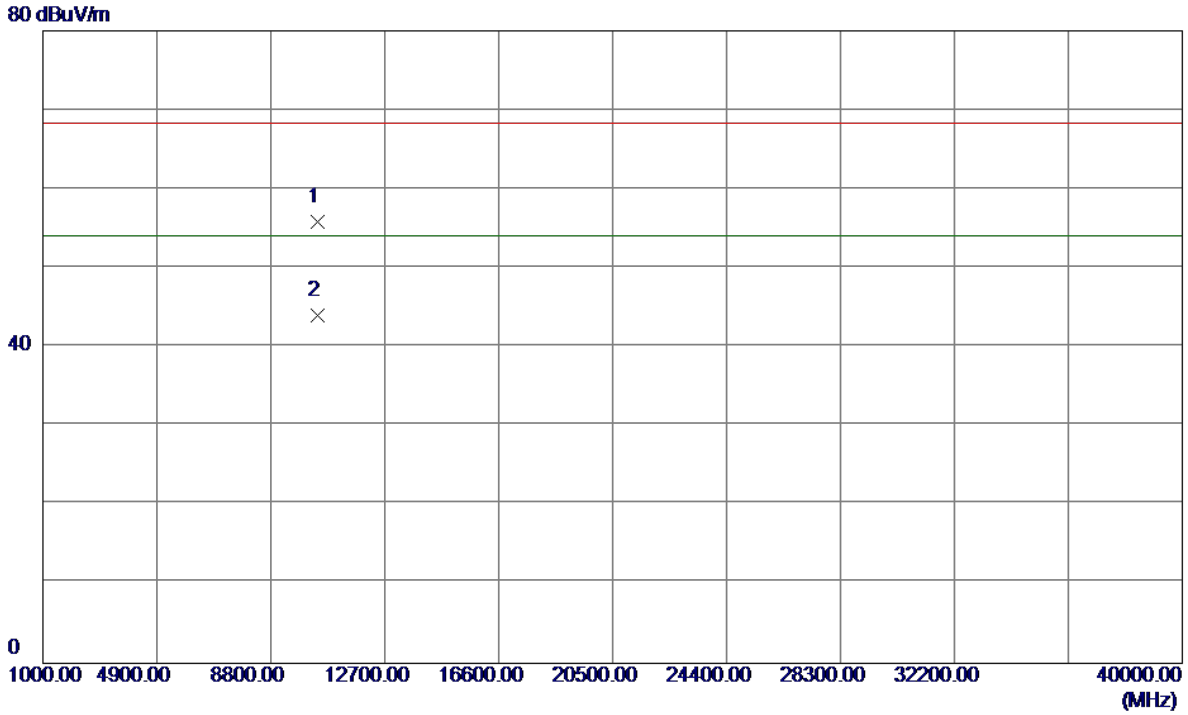
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5195.1000	60.78	40.77	101.55	68.30	33.25	Peak	No Limit
2 *	5198.0000	50.50	40.78	91.28	54.00	37.28	AVG	No Limit

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

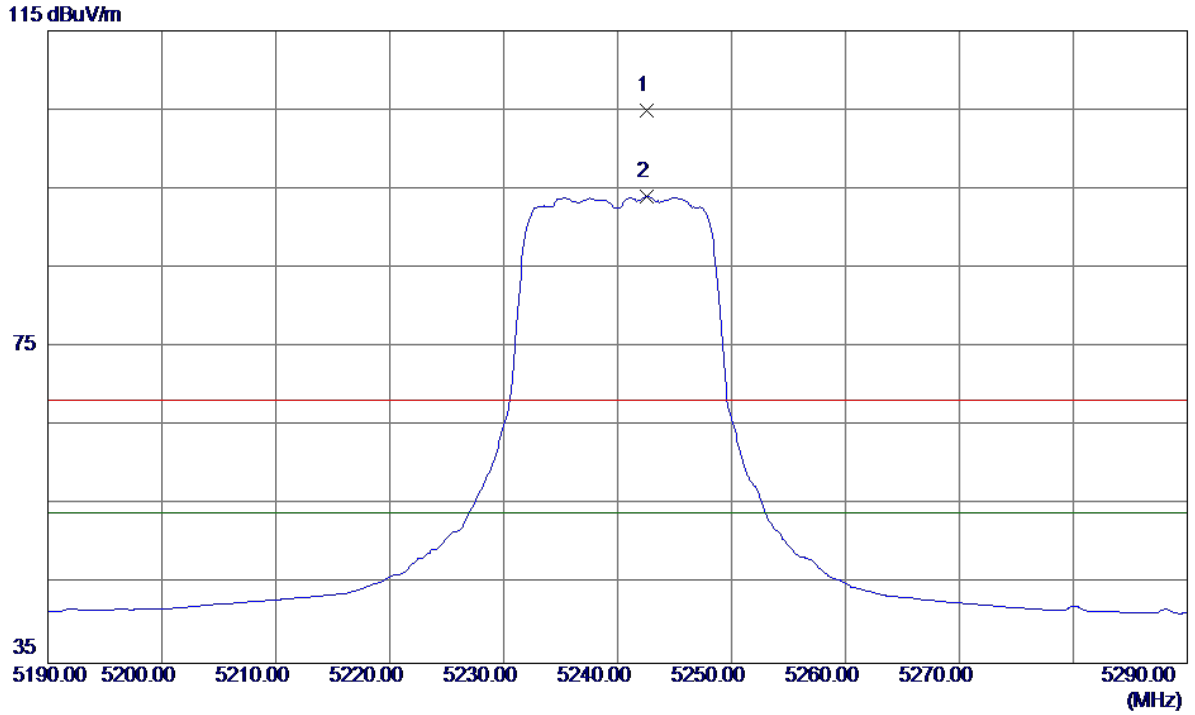
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.6900	40.83	15.06	55.89	68.30	-12.41	Peak	
2 *	10399.9500	28.99	15.06	44.05	54.00	-9.95	AVG	

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

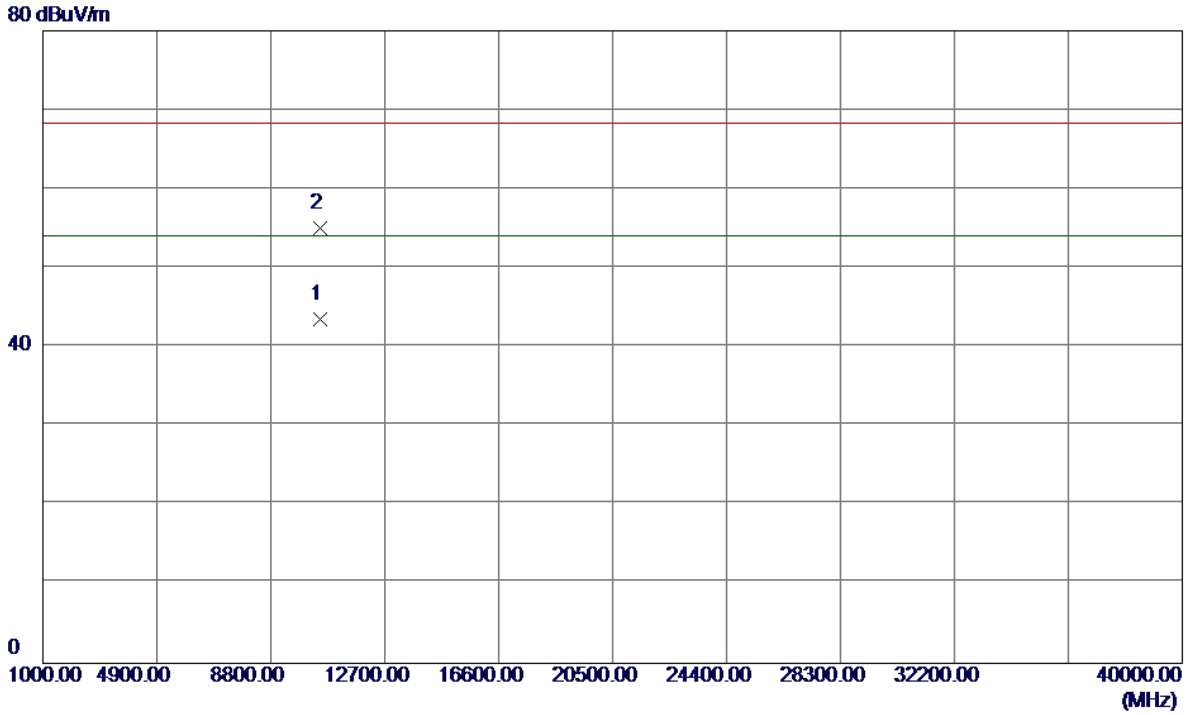
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.6000	64.06	40.93	104.99	68.30	36.69	Peak	No Limit
2 *	5242.6000	53.16	40.93	94.09	54.00	40.09	AVG	No Limit

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

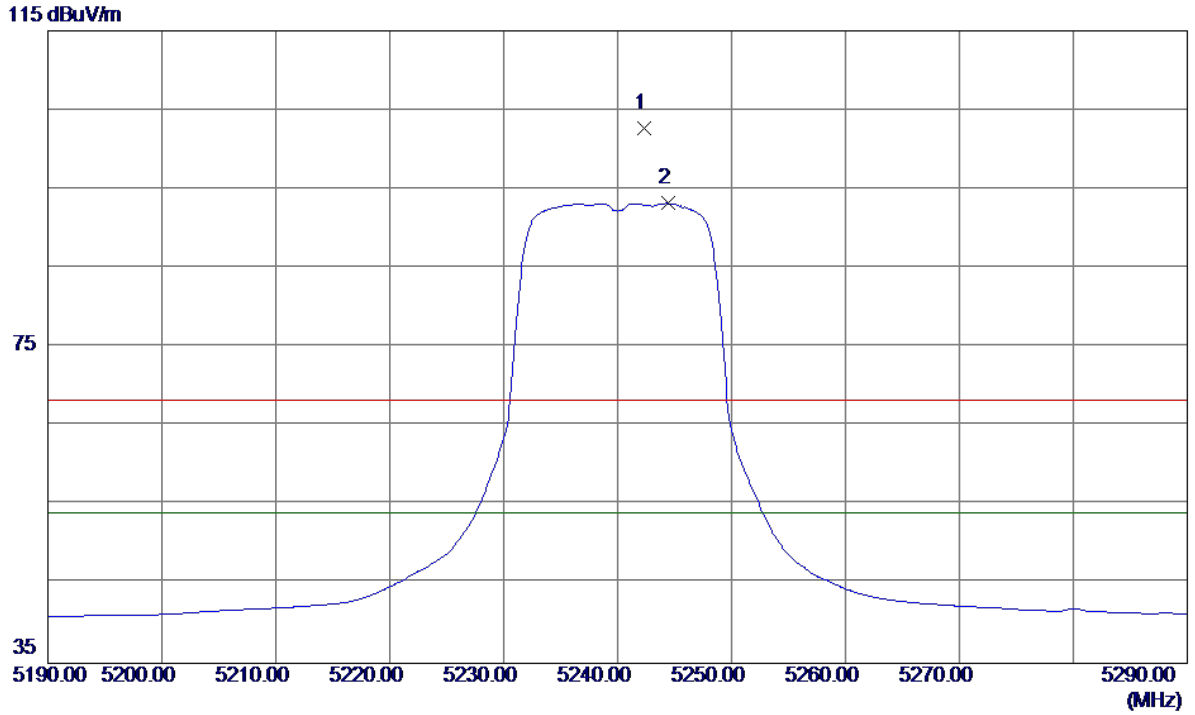
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.9500	28.22	15.24	43.46	54.00	-10.54	AVG	
2	10480.1000	39.84	15.24	55.08	68.30	-13.22	Peak	

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

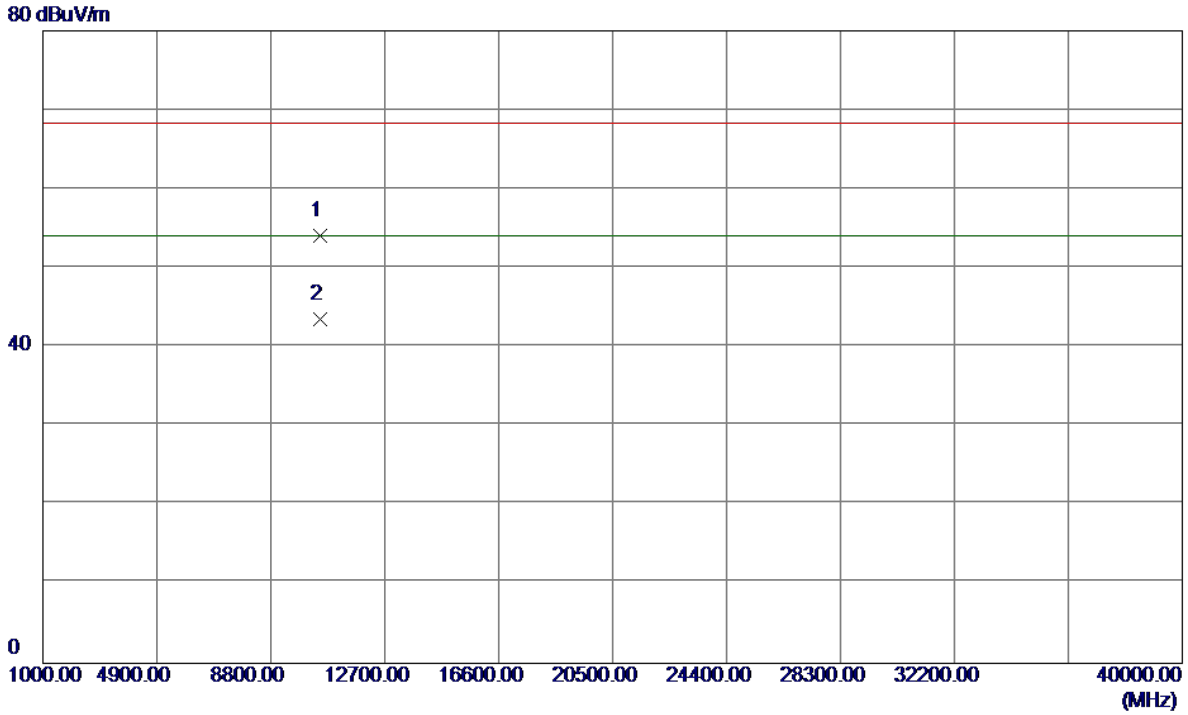
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.3000	61.82	40.93	102.75	68.30	34.45	Peak	No Limit
2 *	5244.4000	52.26	40.94	93.20	54.00	39.20	AVG	No Limit

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

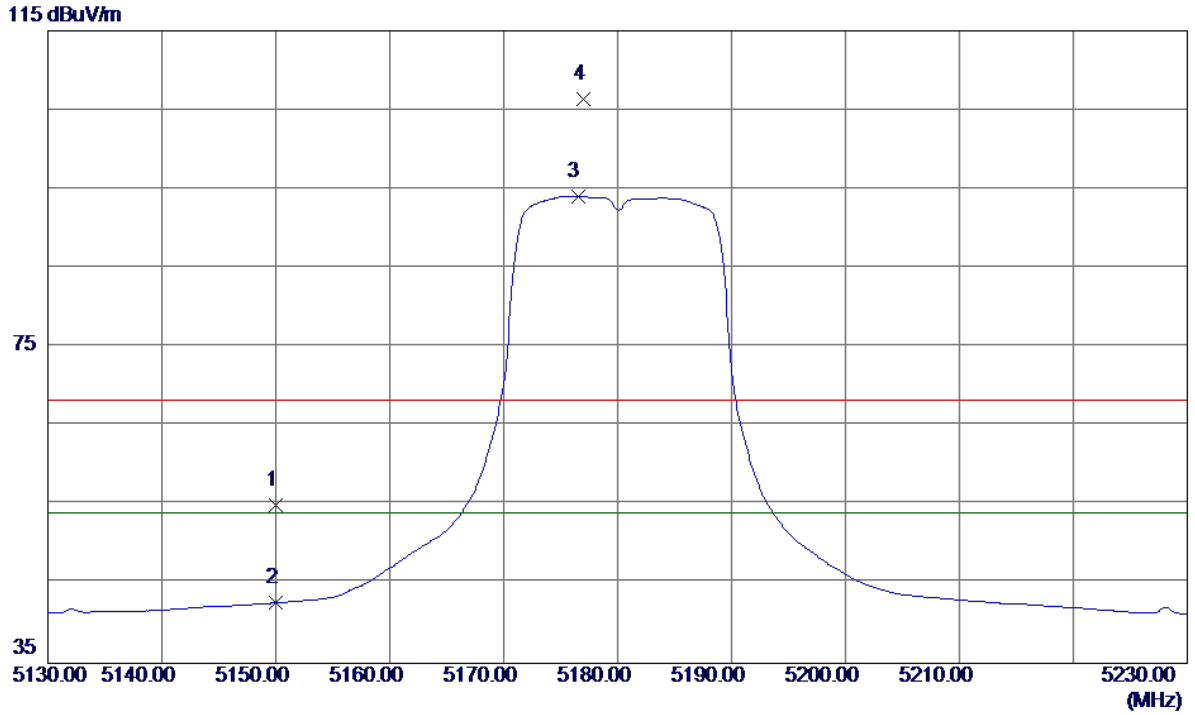
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.8099	38.80	15.25	54.05	68.30	-14.25	Peak	
2 *	10480.6300	28.34	15.24	43.58	54.00	-10.42	AVG	

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

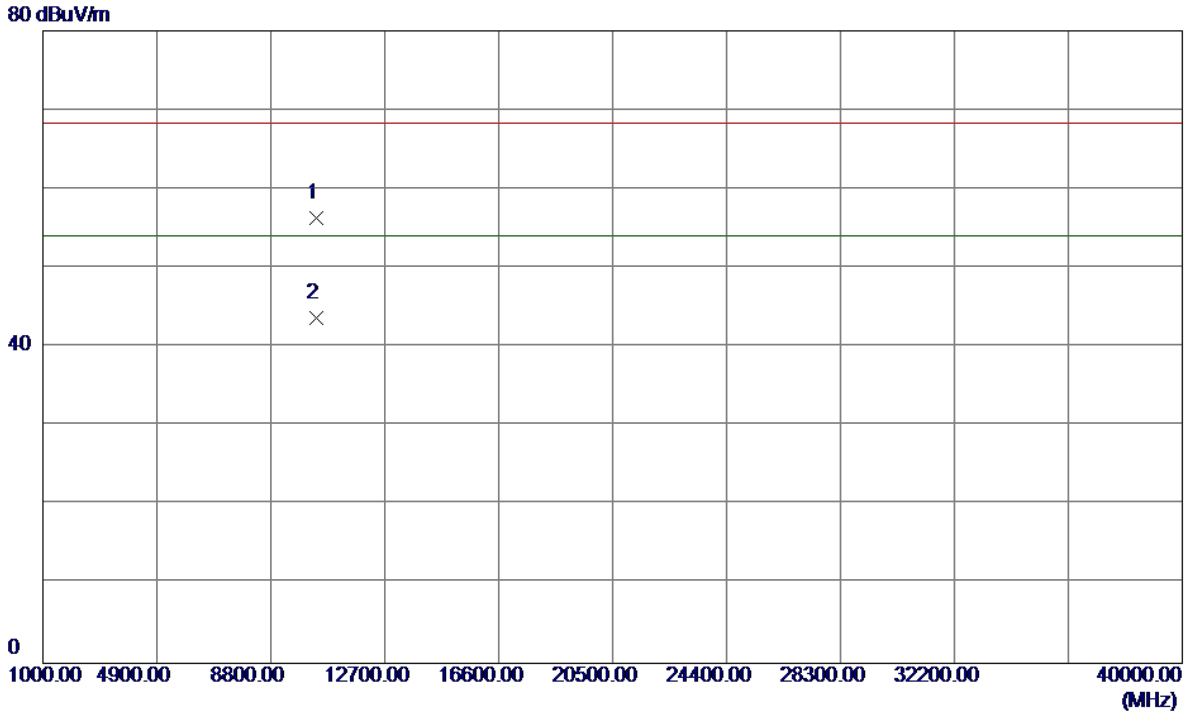
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	14.34	40.62	54.96	68.30	-13.34	Peak	
2	5150.0000	2.03	40.62	42.65	54.00	-11.35	AVG	
3 *	5176.5000	53.37	40.71	94.08	54.00	40.08	AVG	No Limit
4	5177.0000	65.60	40.71	106.31	68.30	38.01	Peak	No Limit

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

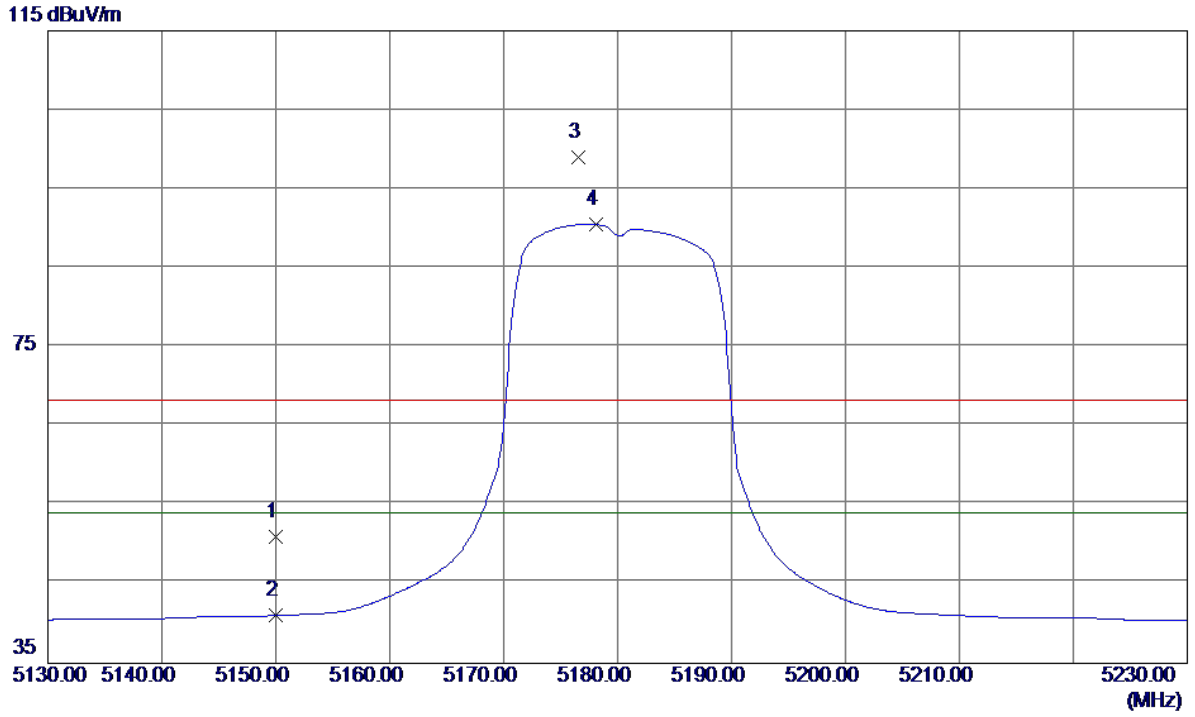
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.3300	41.36	14.96	56.32	68.30	-11.98	Peak	
2 *	10359.2600	28.74	14.96	43.70	54.00	-10.30	AVG	

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

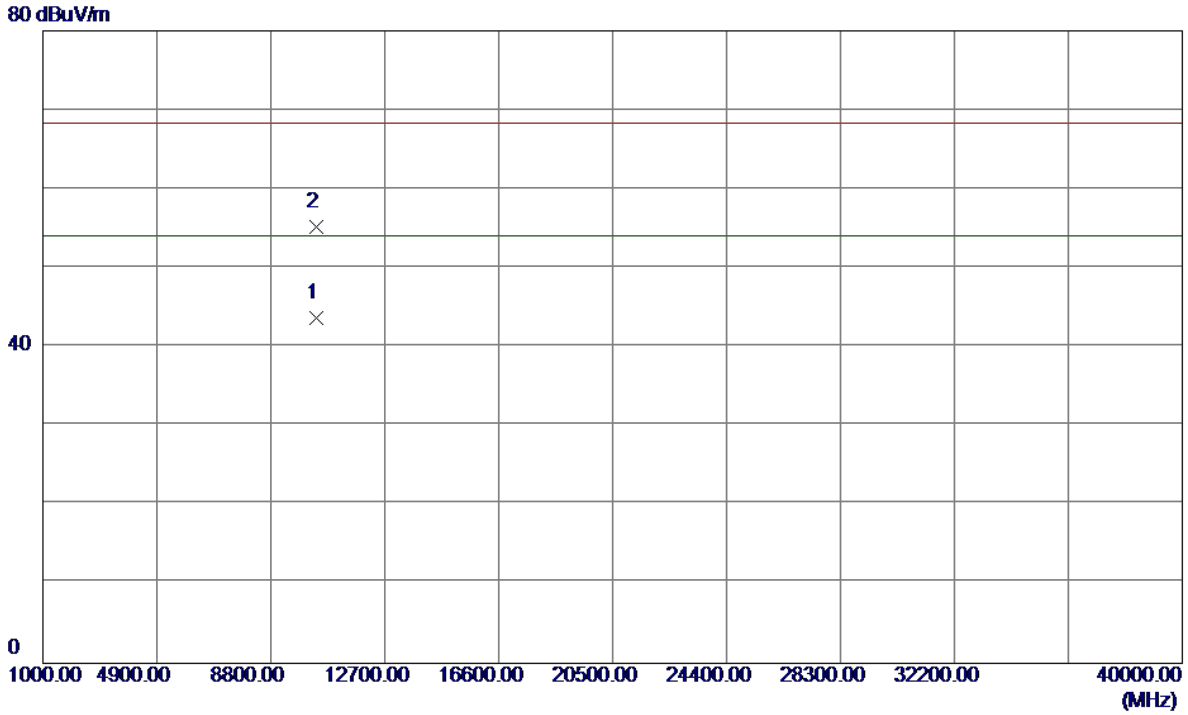
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.31	40.62	50.93	68.30	-17.37	Peak	
2	5150.0000	0.43	40.62	41.05	54.00	-12.95	AVG	
3	5176.6000	58.23	40.71	98.94	68.30	30.64	Peak	No Limit
4 *	5178.1000	49.73	40.72	90.45	54.00	36.45	AVG	No Limit

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

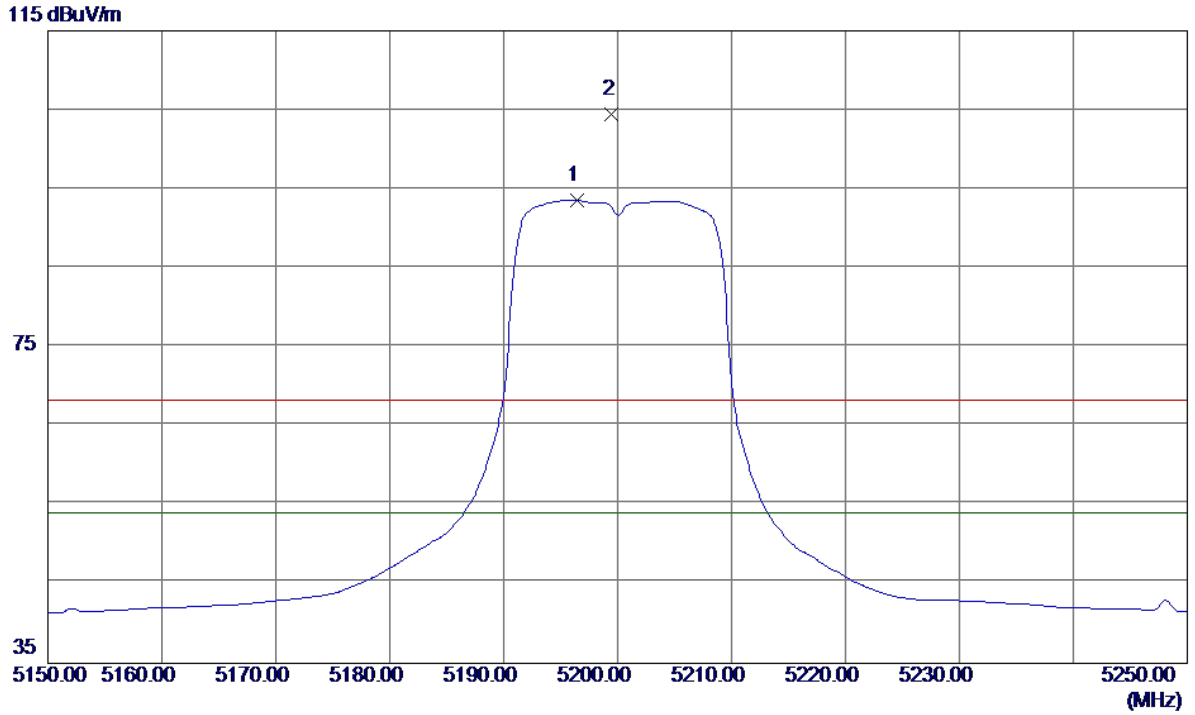
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.9000	28.71	14.96	43.67	54.00	-10.33	AVG	
2	10360.0900	40.25	14.96	55.21	68.30	-13.09	Peak	

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

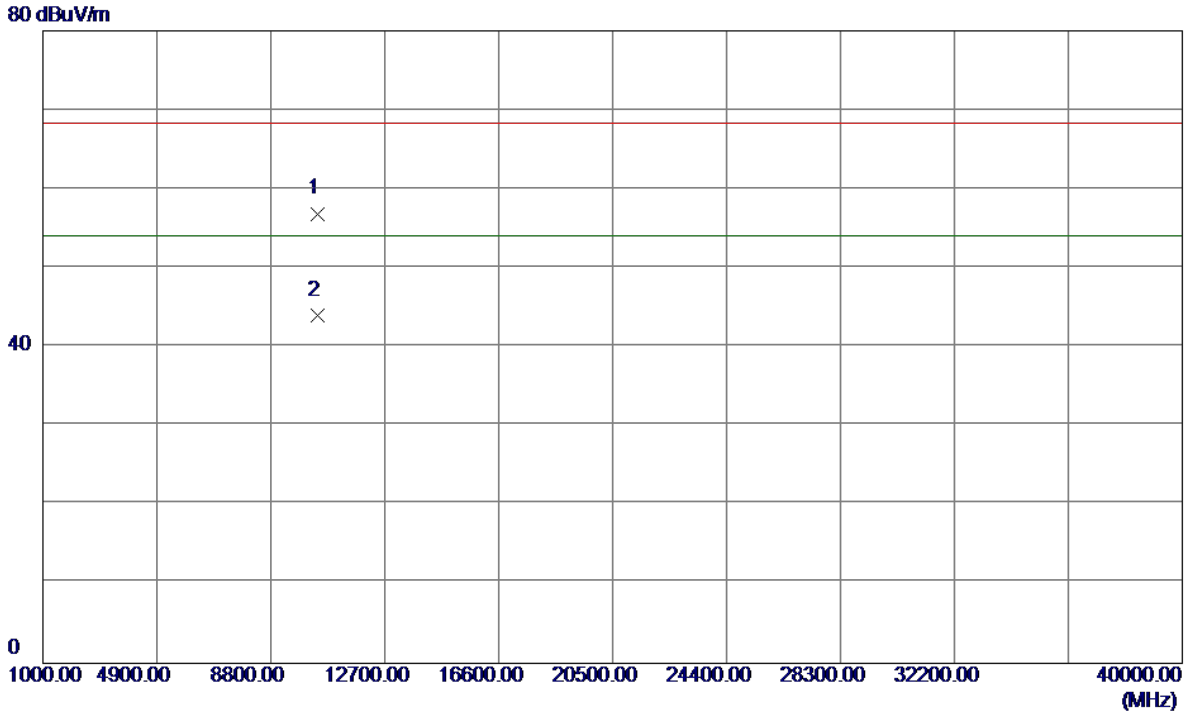
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5196.4000	52.76	40.78	93.54	54.00	39.54	AVG	No Limit
2	5199.5000	63.65	40.79	104.44	68.30	36.14	Peak	No Limit

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

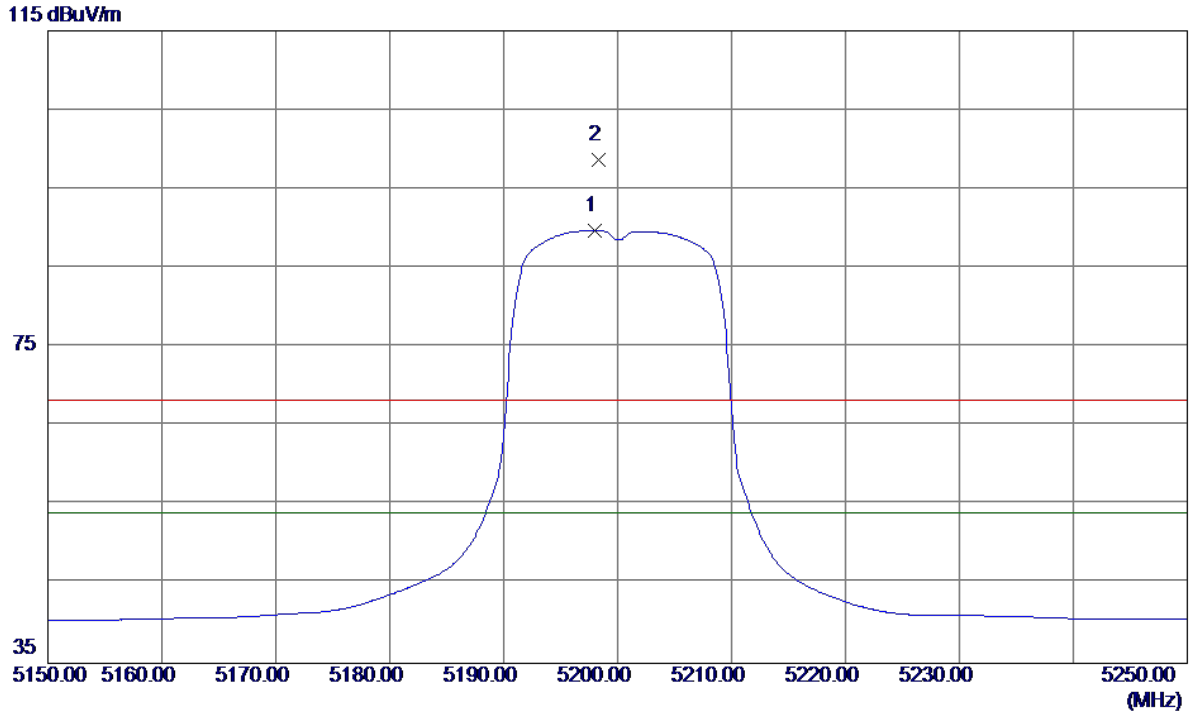
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.7900	41.82	15.06	56.88	68.30	-11.42	Peak	
2 *	10399.9100	28.92	15.06	43.98	54.00	-10.02	AVG	

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

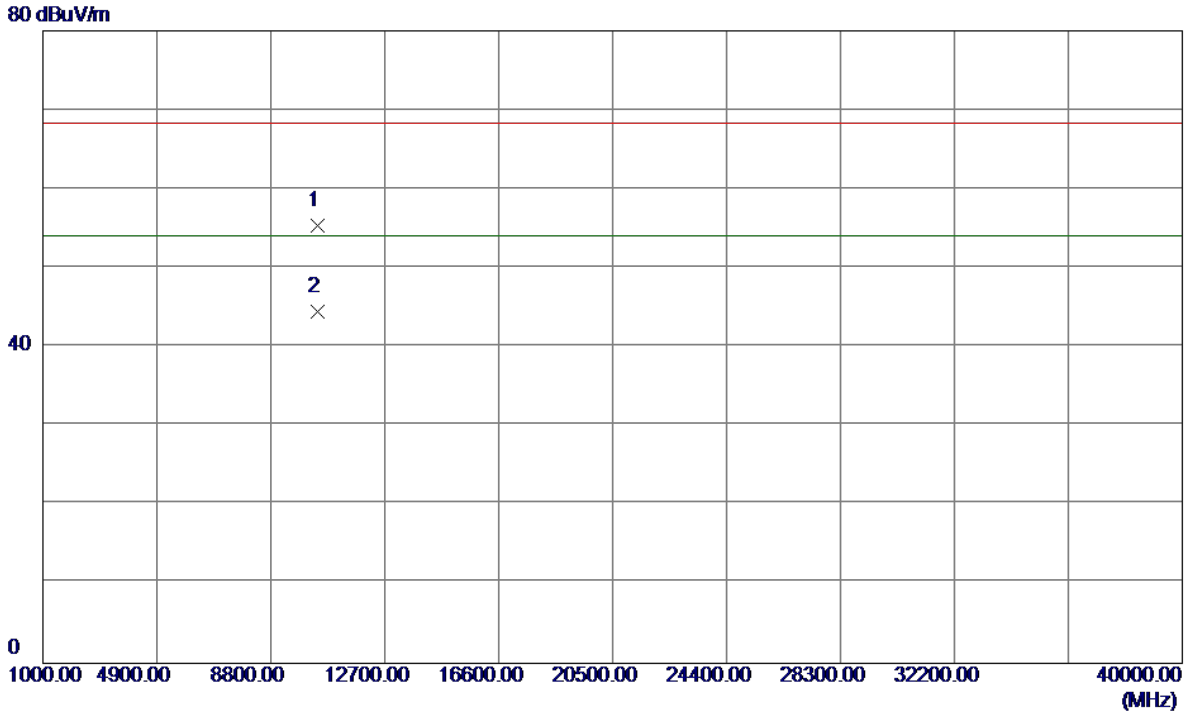
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5198.0000	48.92	40.78	89.70	54.00	35.70	AVG	No Limit
2	5198.3000	57.86	40.78	98.64	68.30	30.34	Peak	No Limit

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

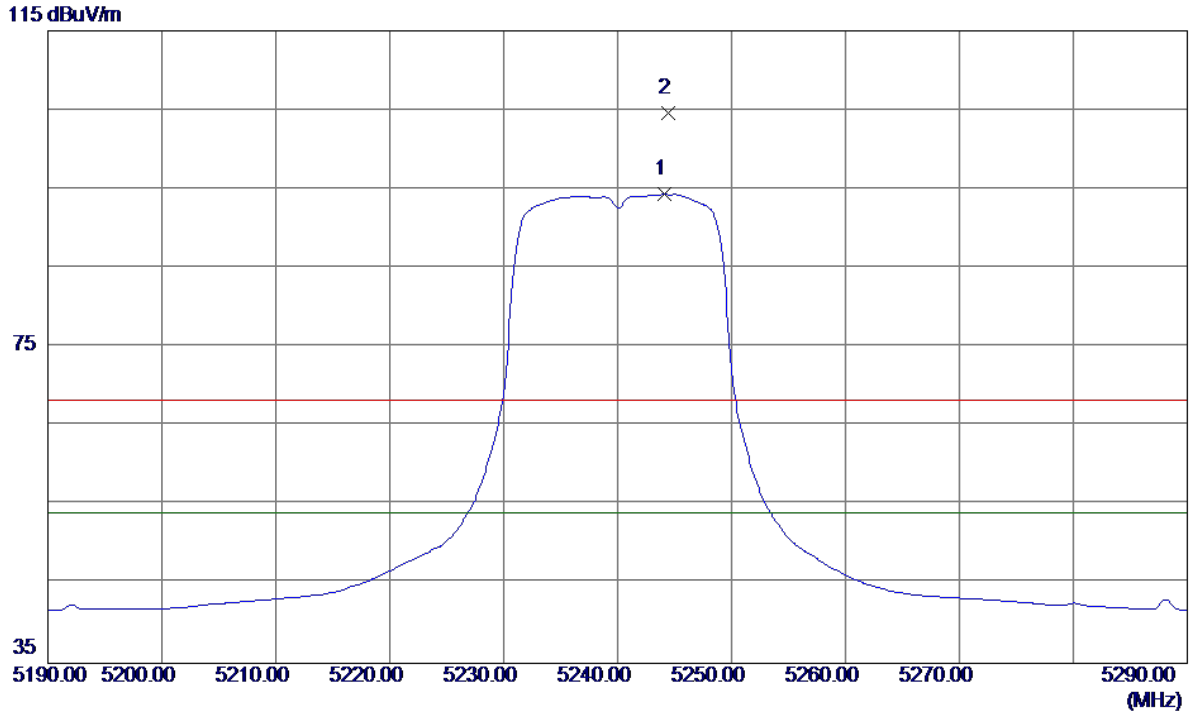
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.8300	40.25	15.06	55.31	68.30	-12.99	Peak	
2 *	10400.3600	29.37	15.06	44.43	54.00	-9.57	AVG	

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

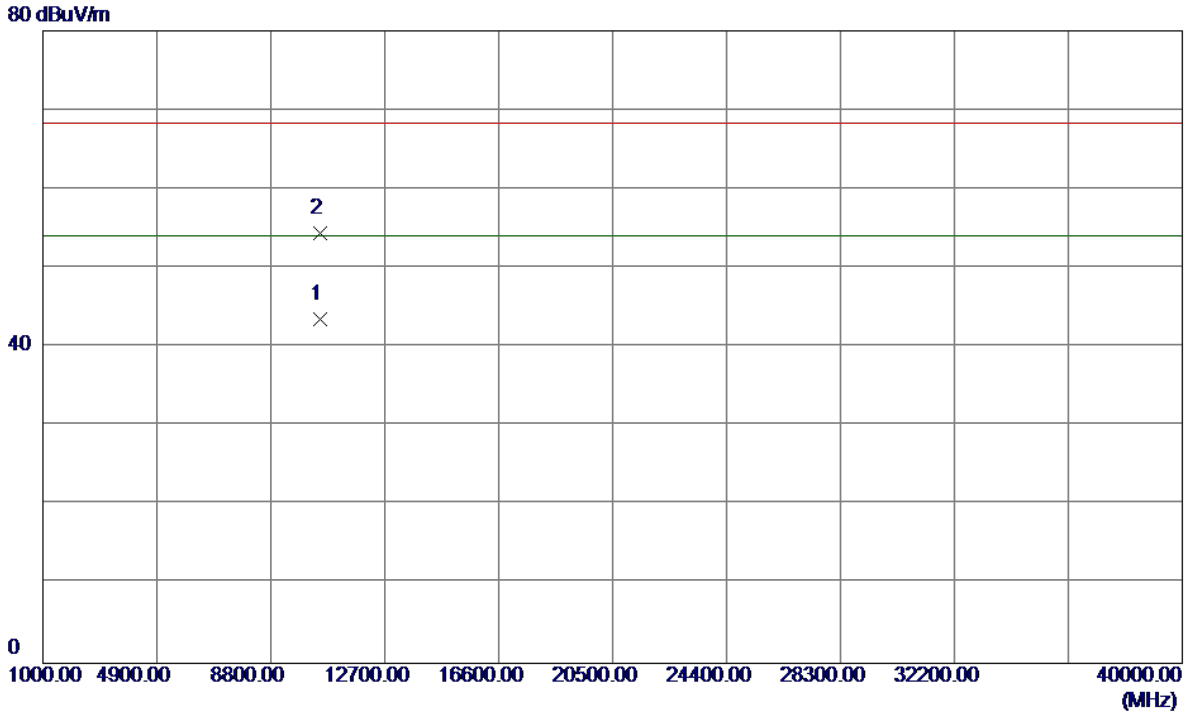
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5244.1000	53.35	40.94	94.29	54.00	40.29	AVG	No Limit
2	5244.4000	63.72	40.94	104.66	68.30	36.36	Peak	No Limit

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

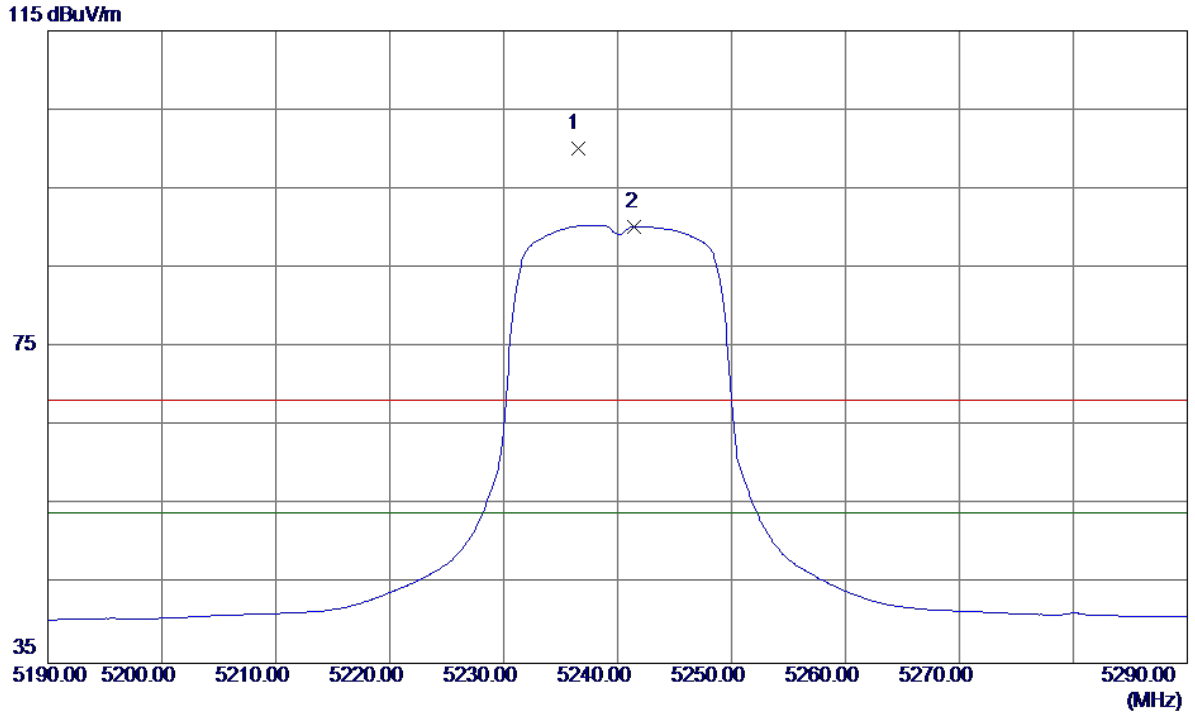
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.7200	28.28	15.24	43.52	54.00	-10.48	AVG	
2	10480.6500	39.21	15.24	54.45	68.30	-13.85	Peak	

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

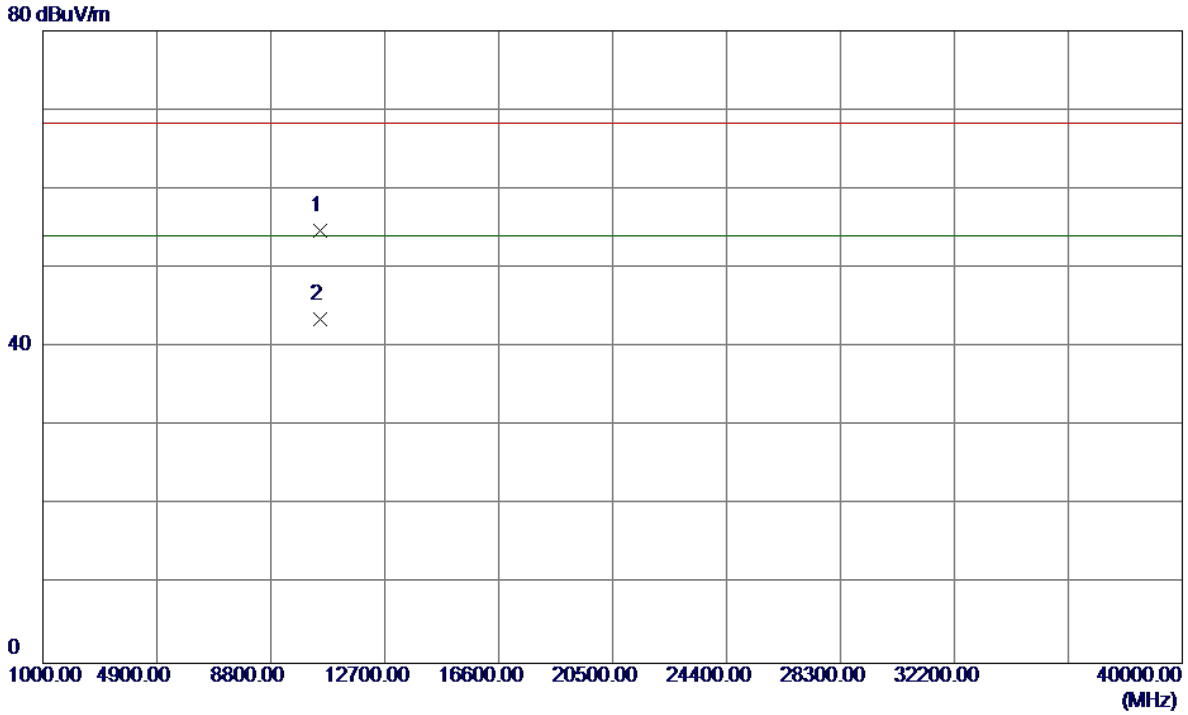
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.5000	59.25	40.91	100.16	68.30	31.86	Peak	No Limit
2 *	5241.5000	49.30	40.93	90.23	54.00	36.23	AVG	No Limit

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

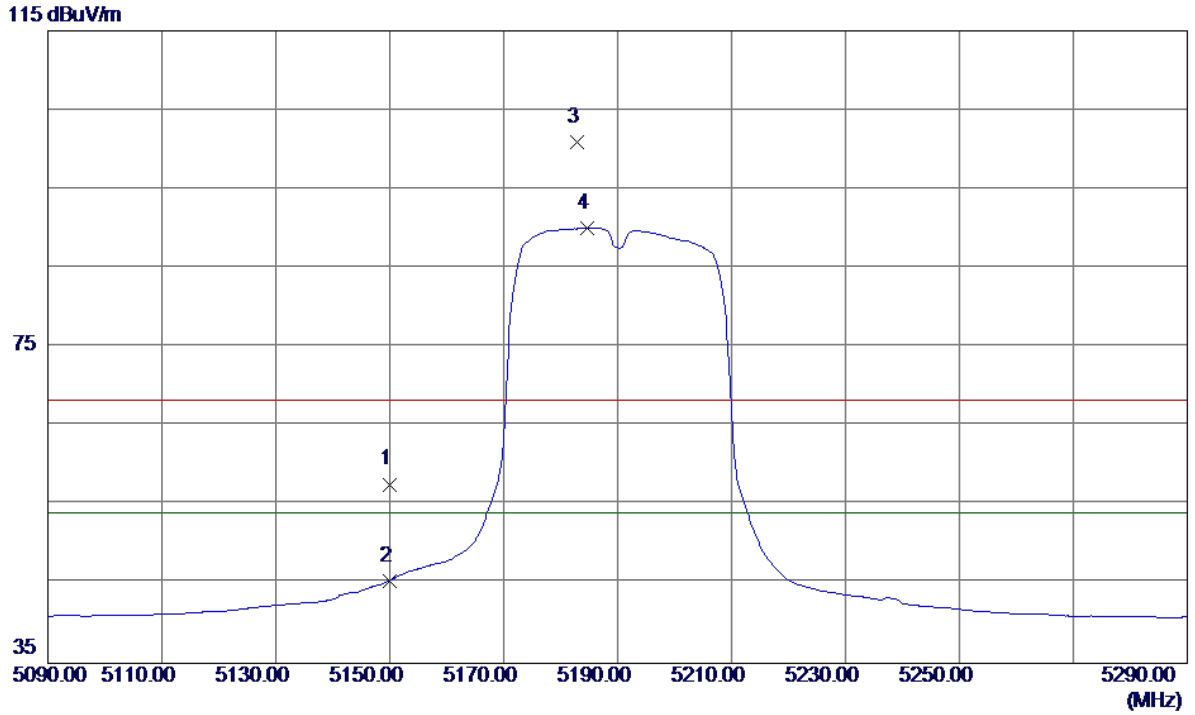
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.7699	39.43	15.24	54.67	68.30	-13.63	Peak	
2 *	10479.9200	28.34	15.24	43.58	54.00	-10.42	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

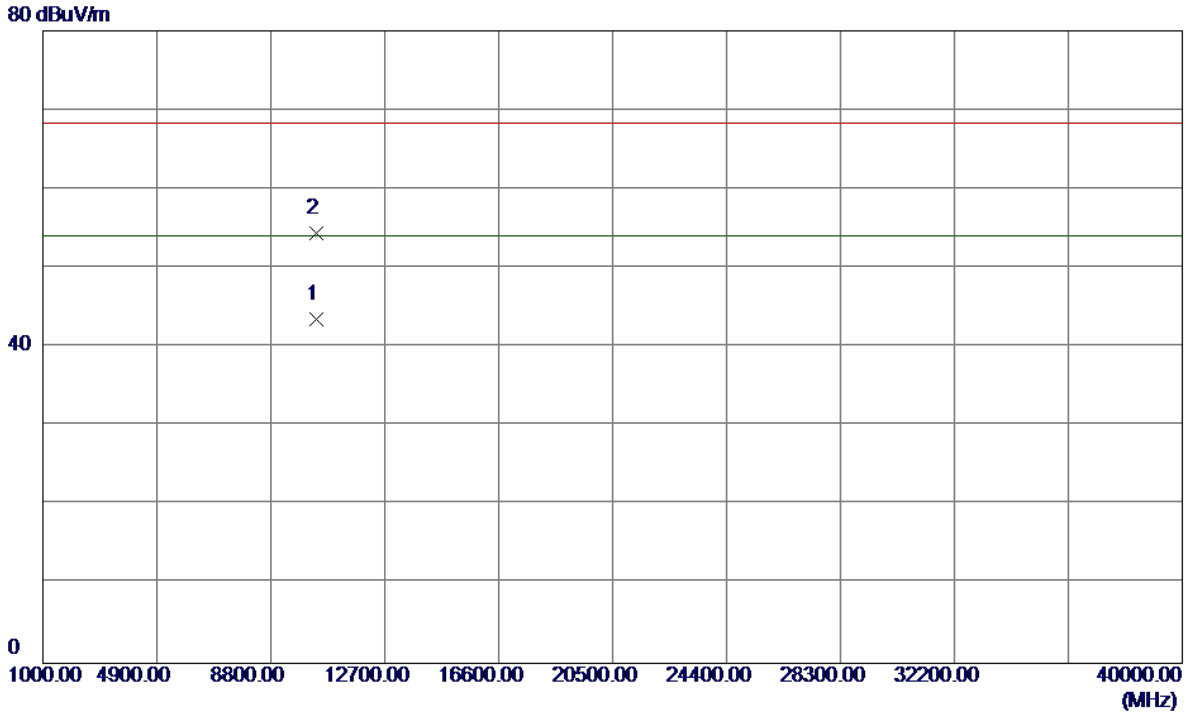
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.02	40.62	57.64	68.30	-10.66	Peak	
2	5150.0000	4.85	40.62	45.47	54.00	-8.53	AVG	
3	5182.8000	60.18	40.73	100.91	68.30	32.61	Peak	No Limit
4 *	5184.6000	49.29	40.74	90.03	54.00	36.03	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

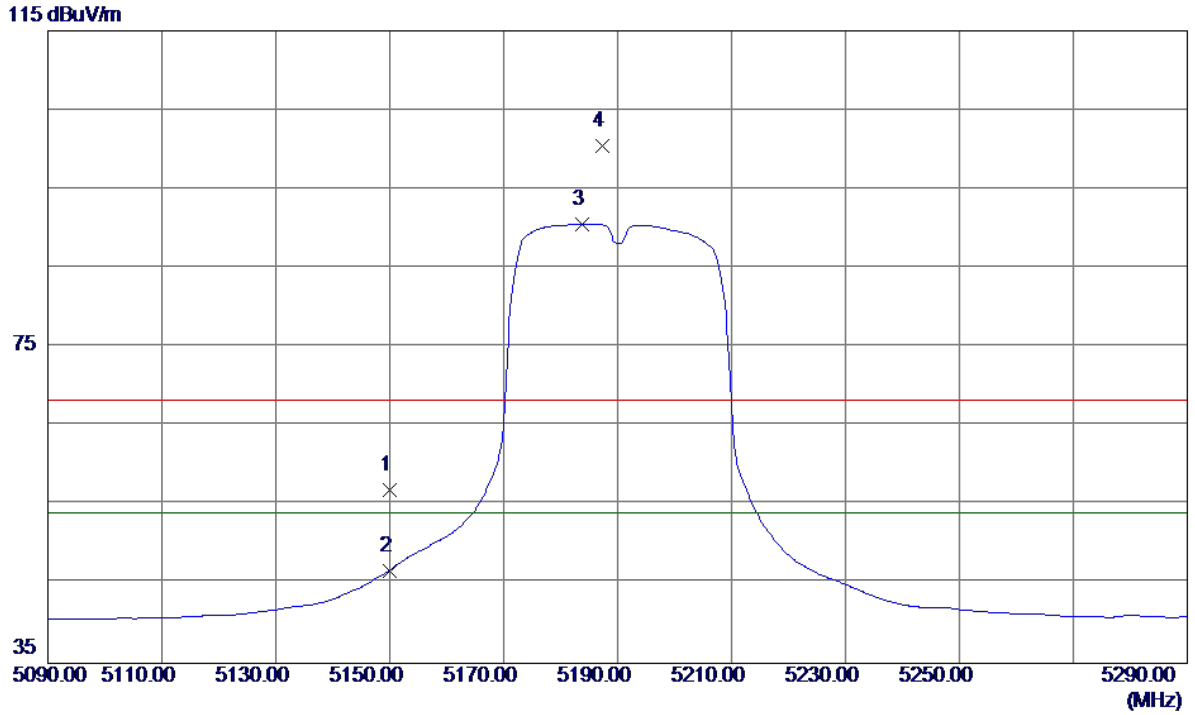
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.0400	28.54	15.01	43.55	54.00	-10.45	AVG	
2	10380.2600	39.43	15.01	54.44	68.30	-13.86	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

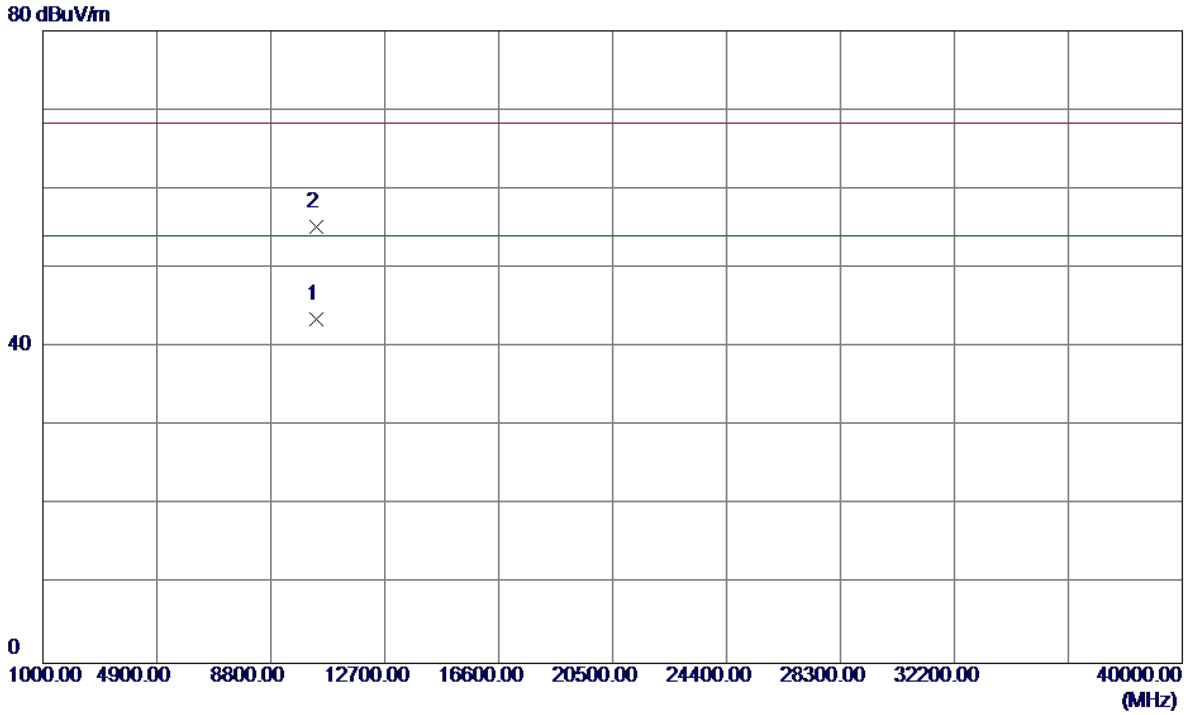
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.33	40.62	56.95	68.30	-11.35	Peak	
2	5150.0000	6.10	40.62	46.72	54.00	-7.28	AVG	
3 *	5183.8000	49.80	40.74	90.54	54.00	36.54	AVG	No Limit
4	5187.4000	59.65	40.75	100.40	68.30	32.10	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

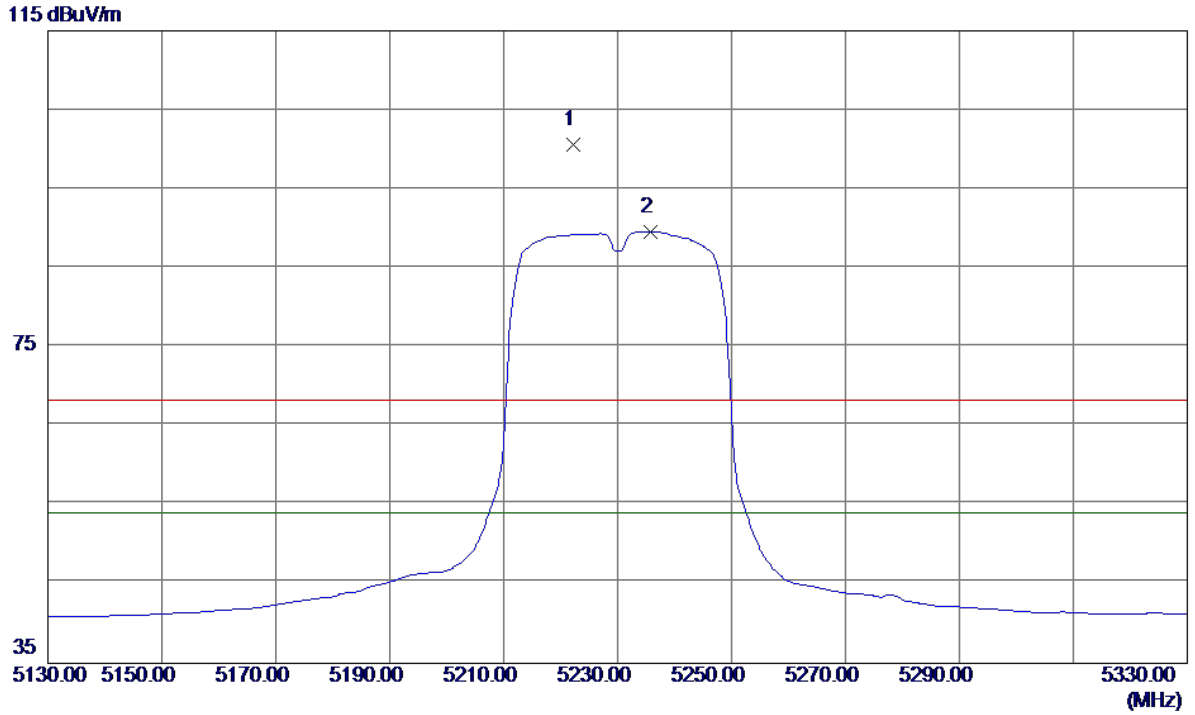
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.0900	28.58	15.01	43.59	54.00	-10.41	AVG	
2	10380.2000	40.23	15.01	55.24	68.30	-13.06	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

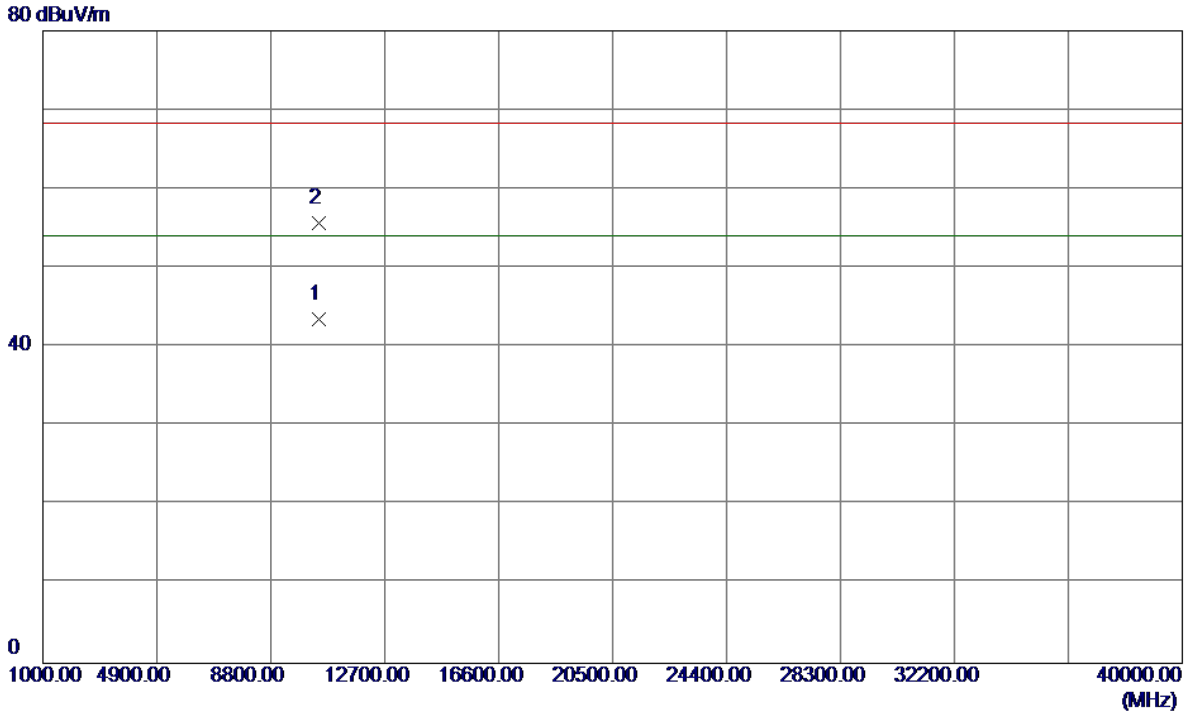
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5222.2000	59.67	40.86	100.53	68.30	32.23	Peak	No Limit
2 *	5235.8000	48.69	40.91	89.60	54.00	35.60	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

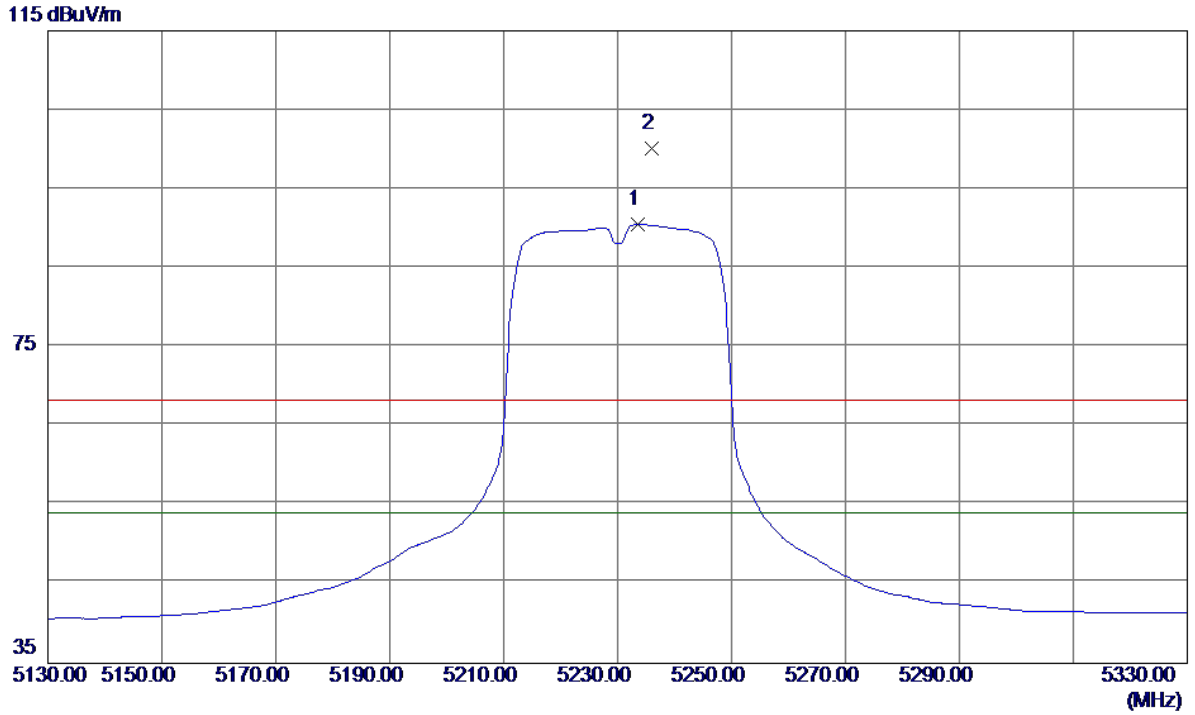
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10459.8500	28.37	15.20	43.57	54.00	-10.43	AVG	
2	10460.1000	40.54	15.20	55.74	68.30	-12.56	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

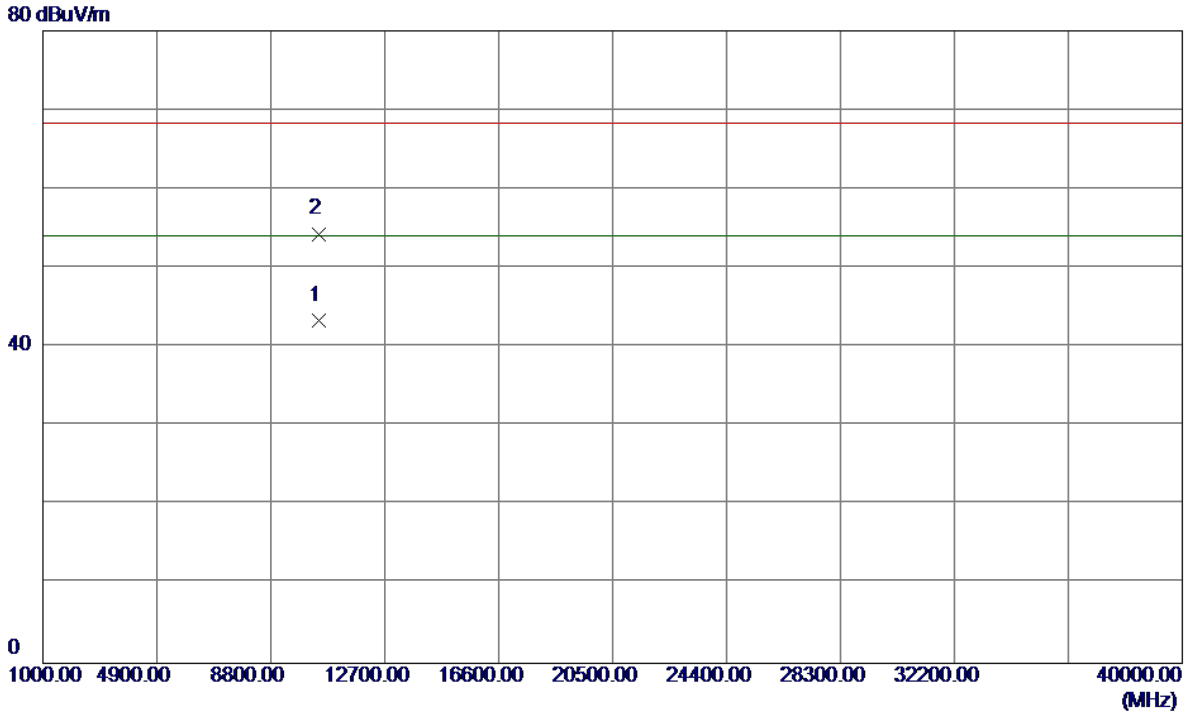
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233.6000	49.60	40.90	90.50	54.00	36.50	AVG	No Limit
2	5236.0000	59.25	40.91	100.16	68.30	31.86	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

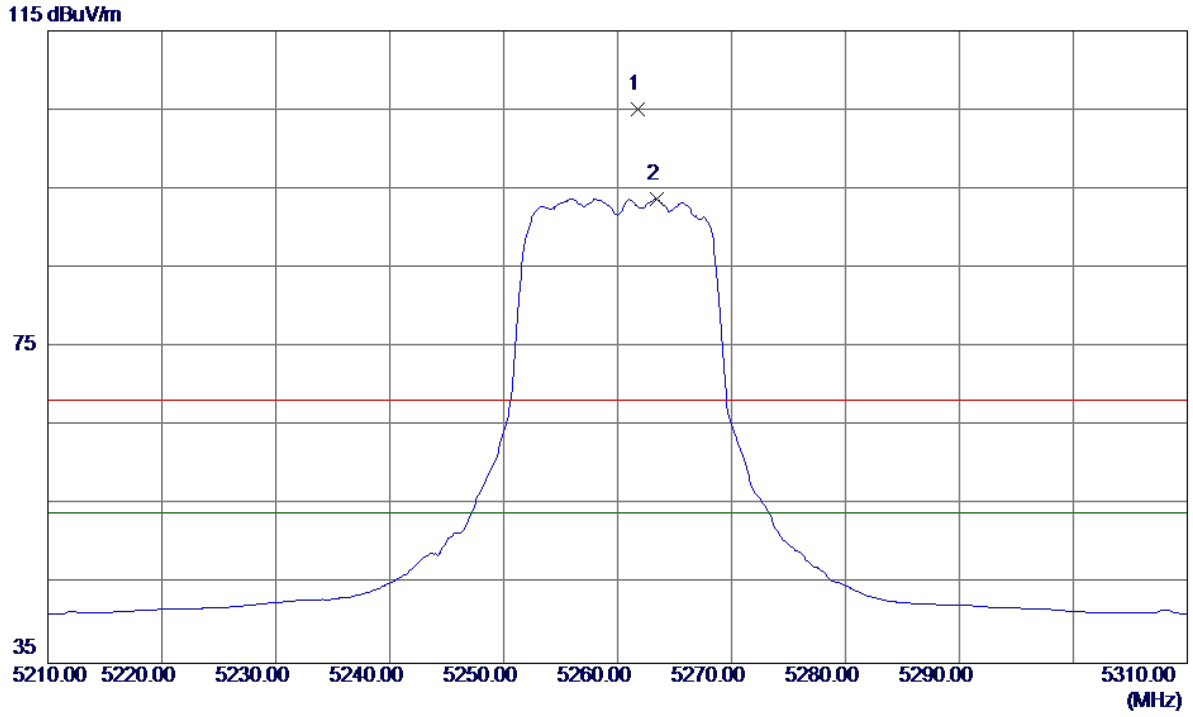
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.2100	28.21	15.20	43.41	54.00	-10.59	AVG	
2	10460.1100	39.12	15.20	54.32	68.30	-13.98	Peak	

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

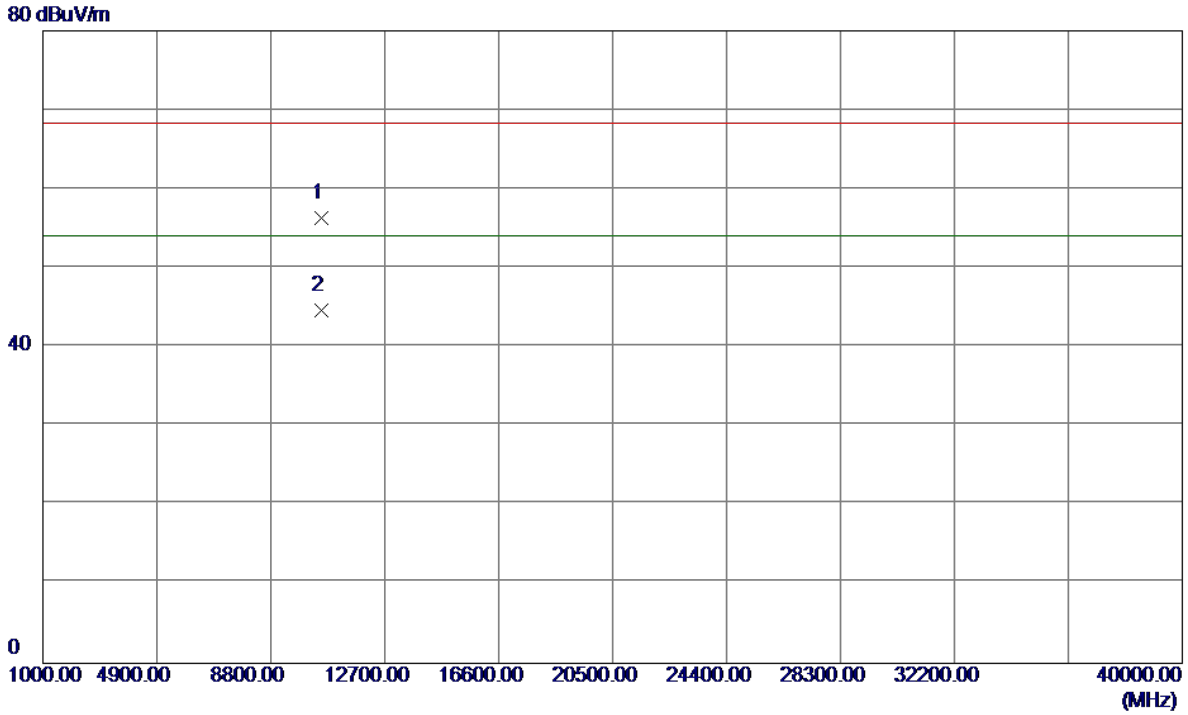
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5261.8000	64.09	40.99	105.08	68.30	36.78	Peak	No Limit
2 *	5263.4000	52.77	41.00	93.77	54.00	39.77	AVG	No Limit

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

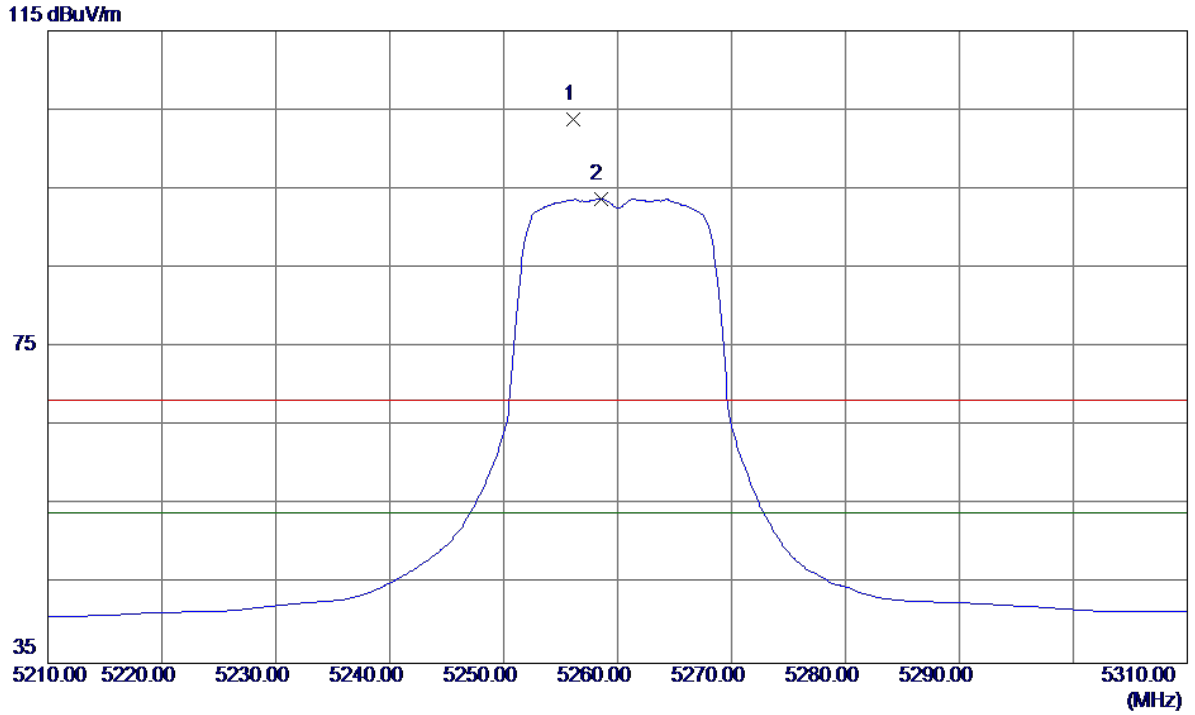
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10519.8800	41.07	15.32	56.39	68.30	-11.91	Peak	
2 *	10520.0300	29.32	15.32	44.64	54.00	-9.36	AVG	

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

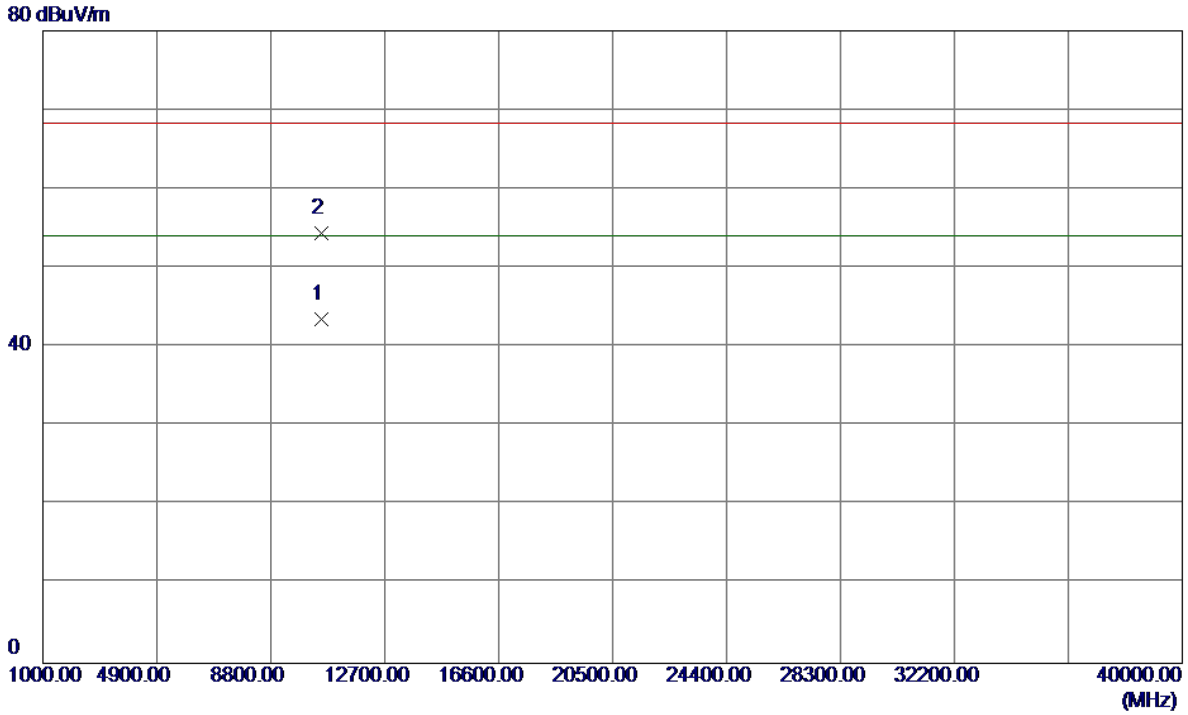
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5256.1000	62.78	40.98	103.76	68.30	35.46	Peak	No Limit
2 *	5258.5000	52.75	40.98	93.73	54.00	39.73	AVG	No Limit

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

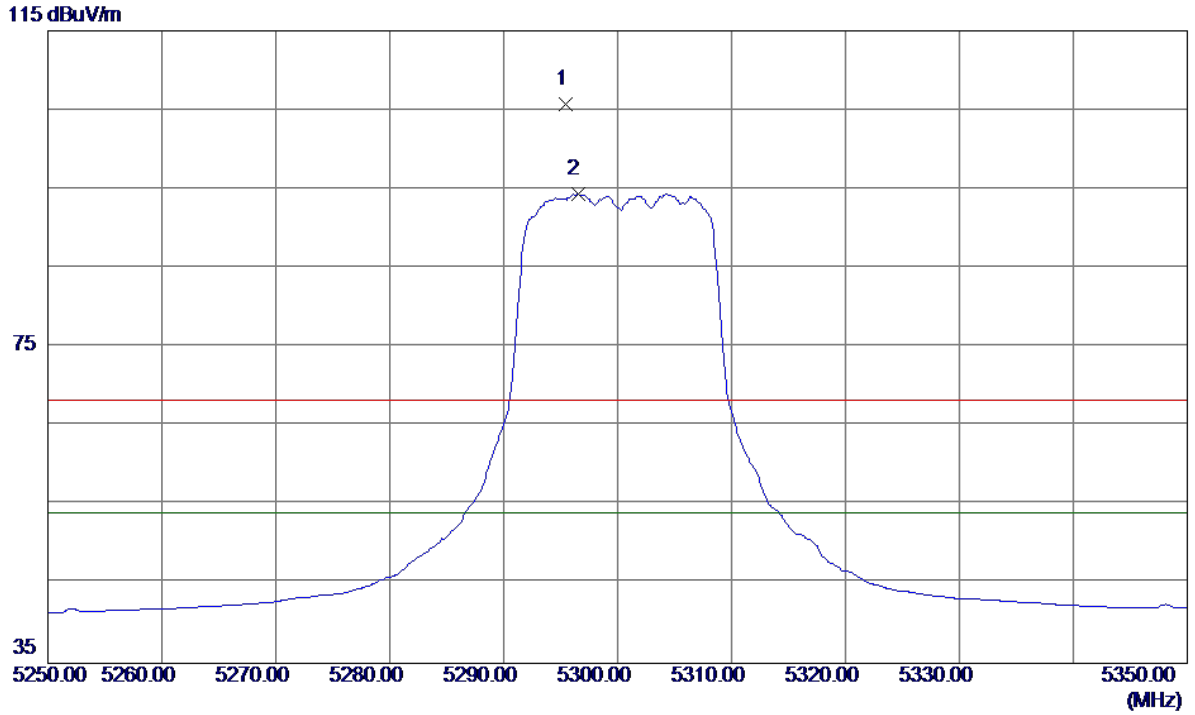
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.8800	28.26	15.32	43.58	54.00	-10.42	AVG	
2	10519.9500	39.06	15.32	54.38	68.30	-13.92	Peak	

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

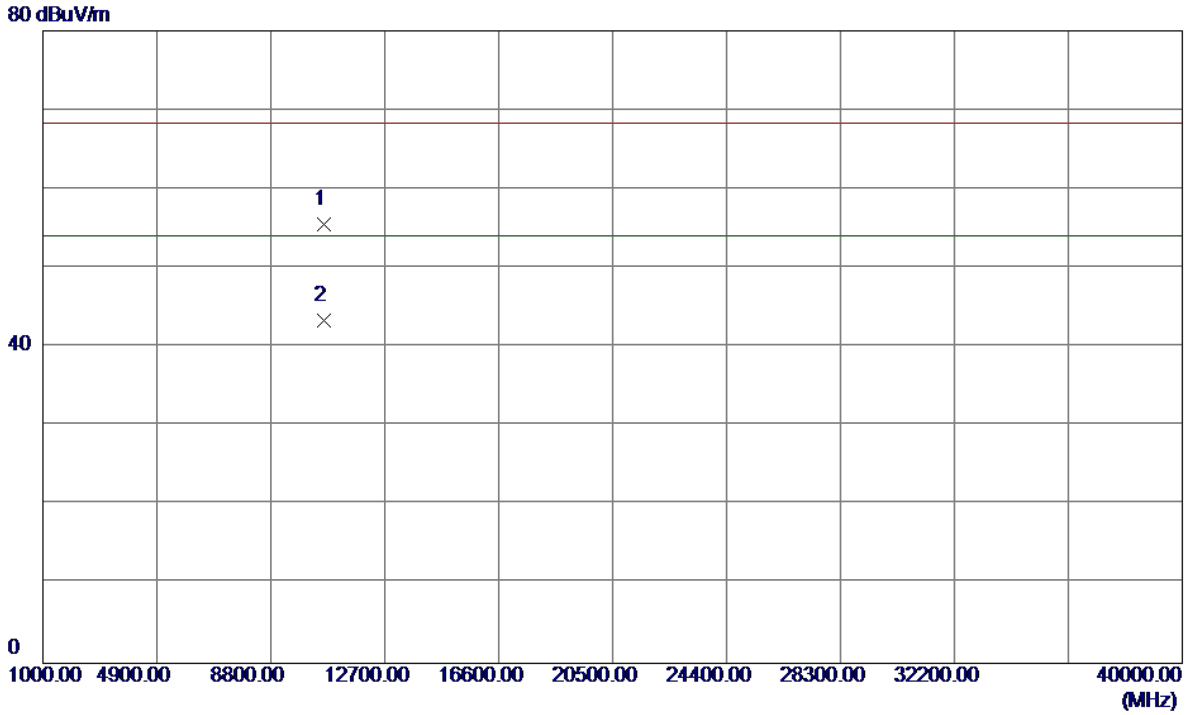
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5295.4000	64.56	41.10	105.66	68.30	37.36	Peak	No Limit
2 *	5296.5000	53.22	41.11	94.33	54.00	40.33	AVG	No Limit

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

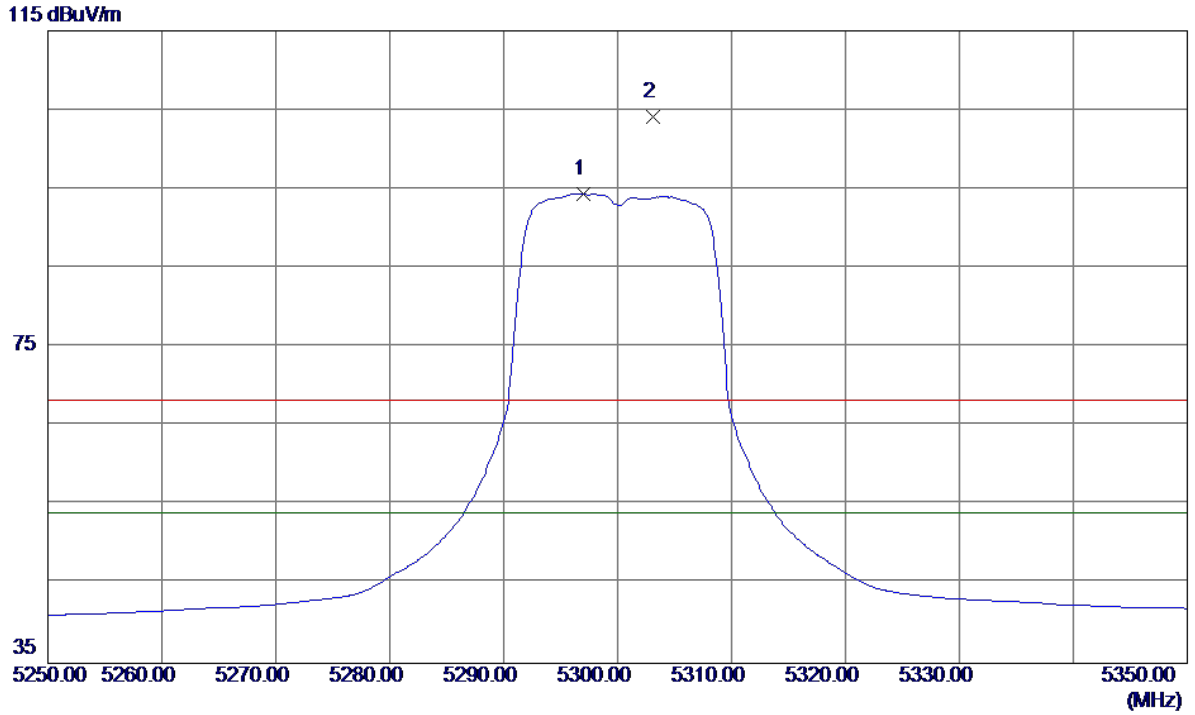
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.8000	40.08	15.42	55.50	68.30	-12.80	Peak	
2 *	10600.0700	27.98	15.42	43.40	54.00	-10.60	AVG	

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

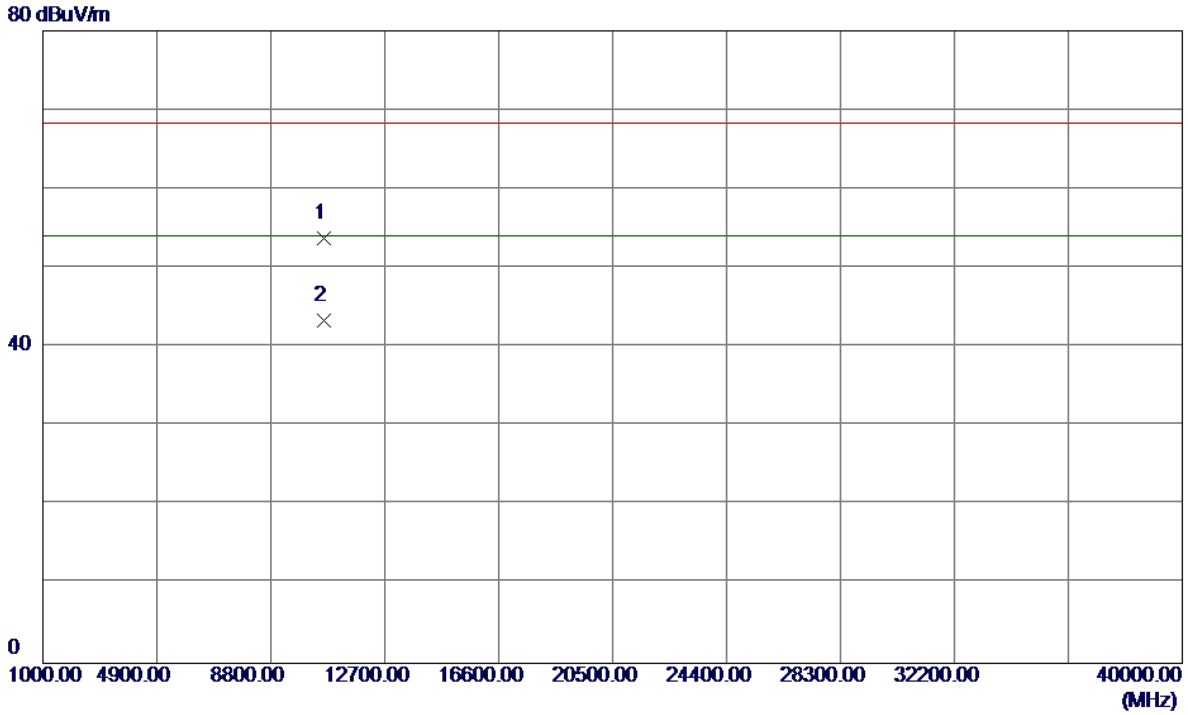
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5297.0000	53.29	41.11	94.40	54.00	40.40	AVG	No Limit
2	5303.1000	63.01	41.13	104.14	68.30	35.84	Peak	No Limit

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

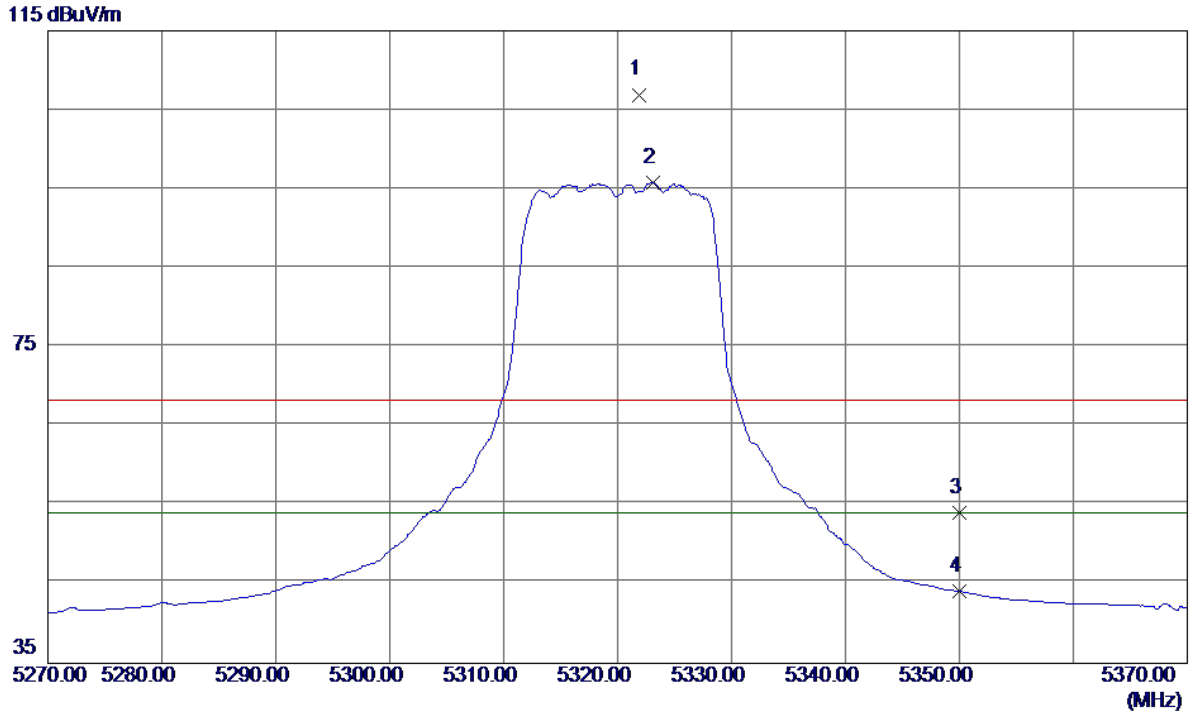
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10600.0199	38.37	15.42	53.79	68.30	-14.51	Peak	
2 *	10600.1400	27.96	15.42	43.38	54.00	-10.62	AVG	

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

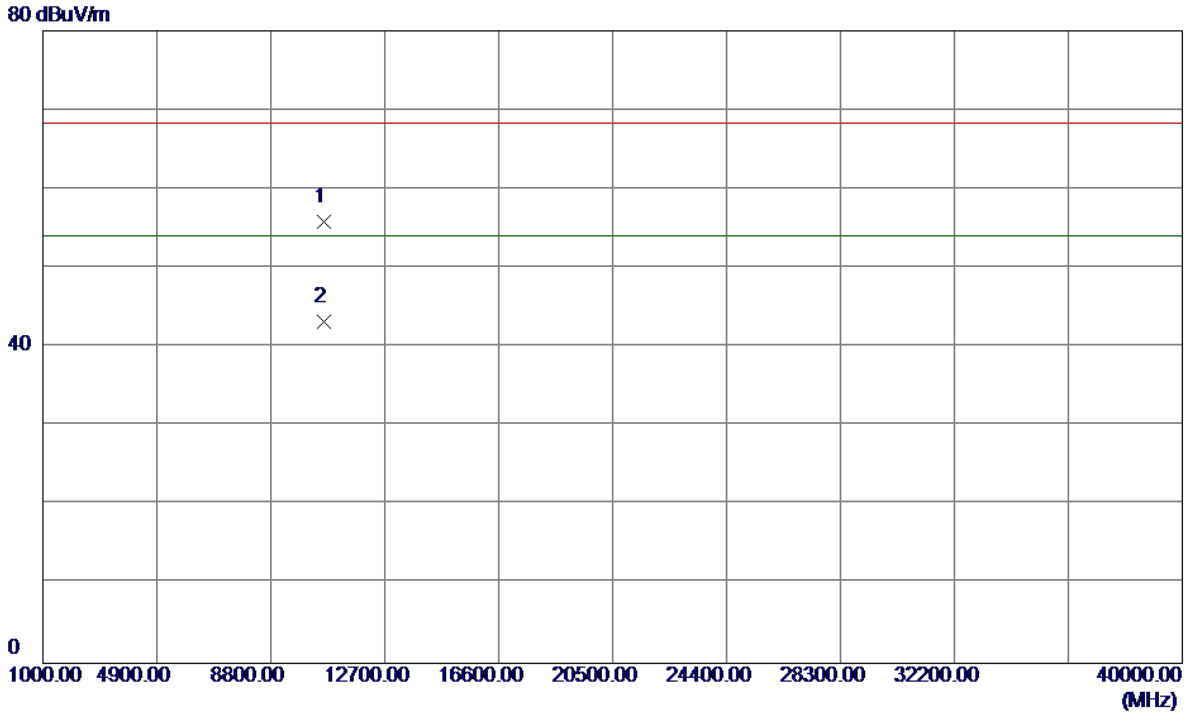
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5321.9000	65.73	41.19	106.92	68.30	38.62	Peak	No Limit
2 *	5323.1000	54.59	41.20	95.79	54.00	41.79	AVG	No Limit
3	5350.0000	12.81	41.28	54.09	68.30	-14.21	Peak	
4	5350.0000	2.81	41.28	44.09	54.00	-9.91	AVG	

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

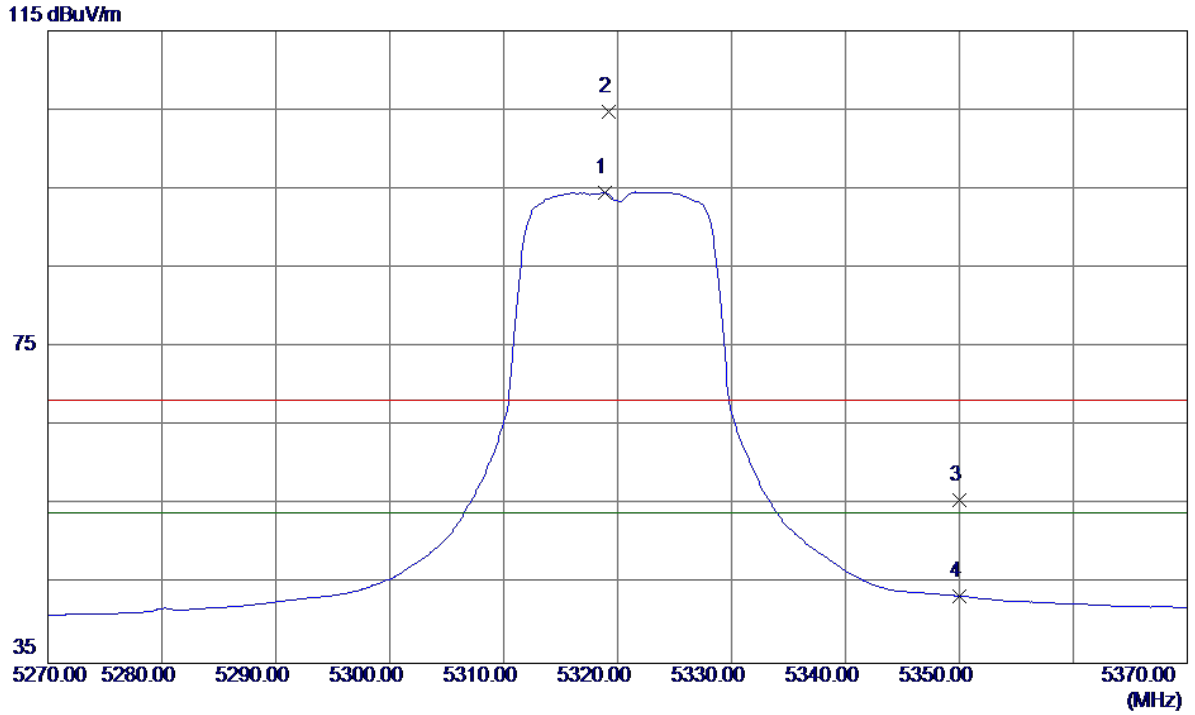
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0400	40.34	15.47	55.81	68.30	-12.49	Peak	
2 *	10640.0800	27.79	15.47	43.26	54.00	-10.74	AVG	

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

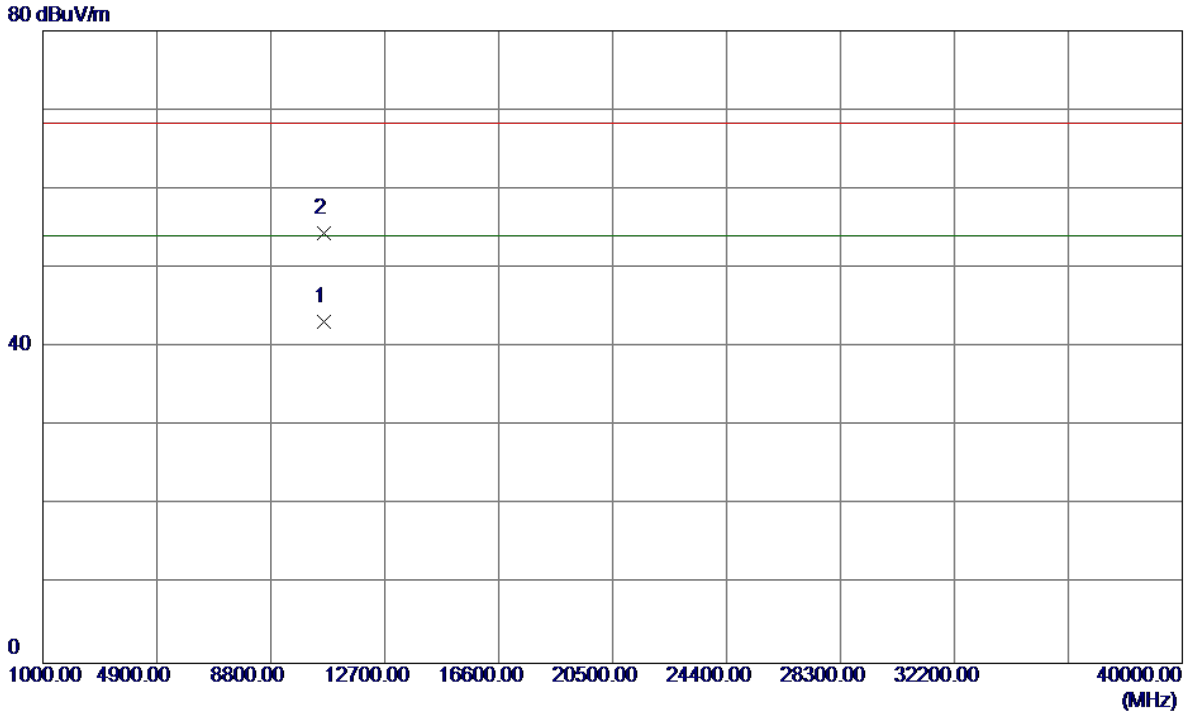
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5318.9000	53.32	41.18	94.50	54.00	40.50	AVG	No Limit
2	5319.2000	63.52	41.18	104.70	68.30	36.40	Peak	No Limit
3	5350.0000	14.33	41.28	55.61	68.30	-12.69	Peak	
4	5350.0000	2.22	41.28	43.50	54.00	-10.50	AVG	

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

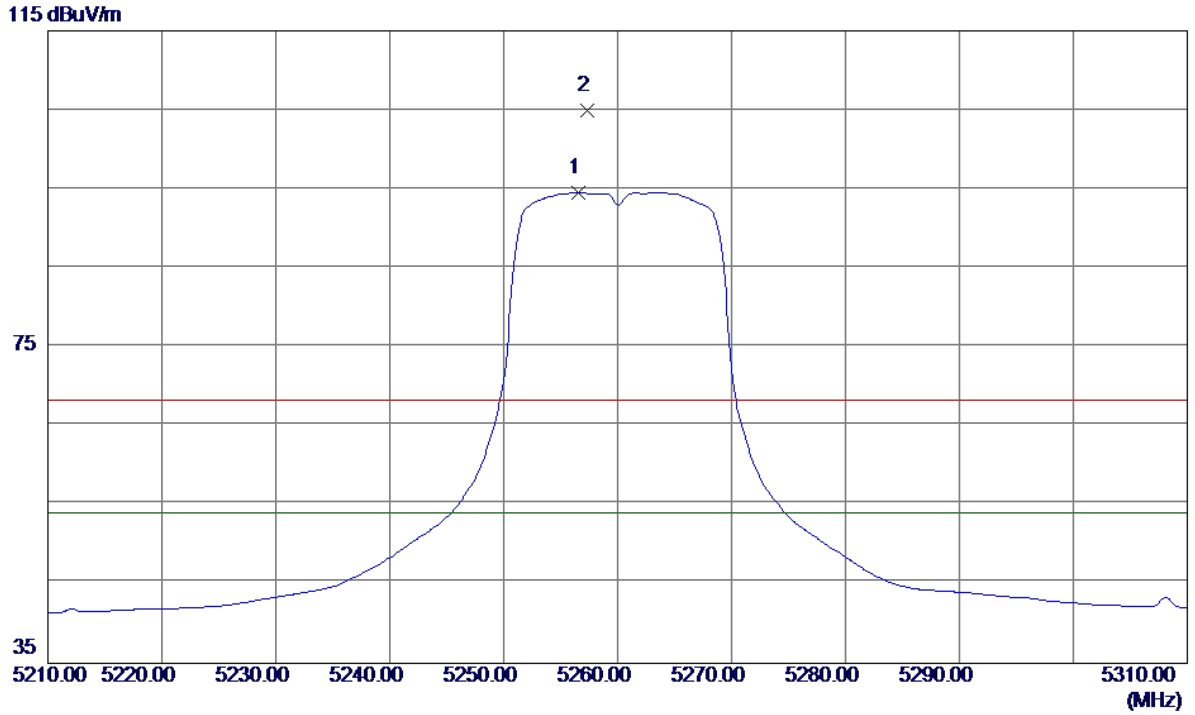
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10640.2300	27.79	15.47	43.26	54.00	-10.74	AVG	
2	10640.1500	38.89	15.47	54.36	68.30	-13.94	Peak	

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

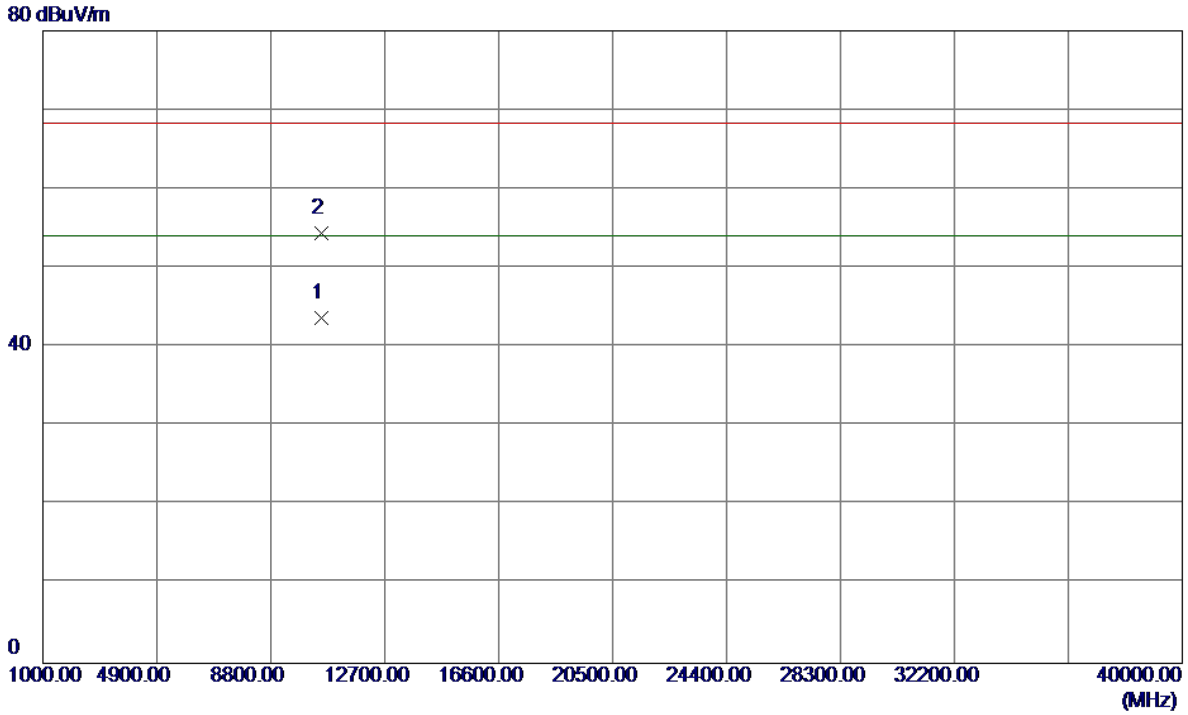
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5256.6000	53.55	40.98	94.53	54.00	40.53	AVG	No Limit
2	5257.3000	63.99	40.98	104.97	68.30	36.67	Peak	No Limit

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

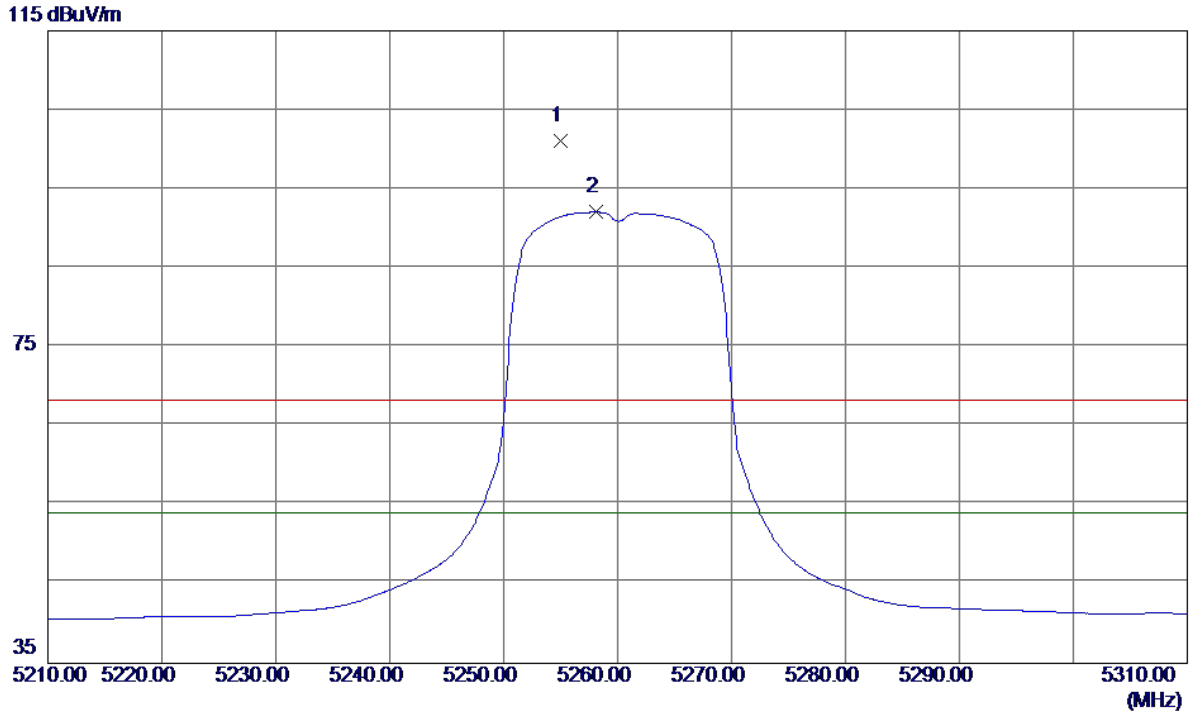
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.9300	28.32	15.32	43.64	54.00	-10.36	AVG	
2	10519.9800	39.11	15.32	54.43	68.30	-13.87	Peak	

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

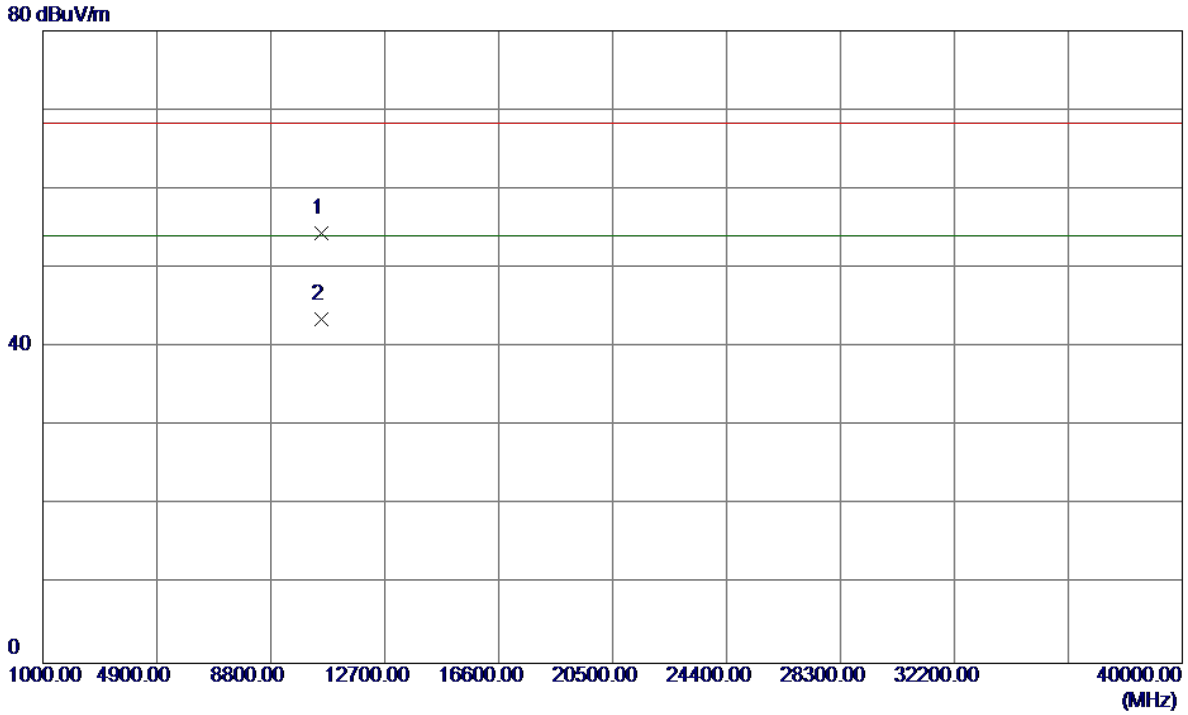
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5255.0000	60.14	40.97	101.11	68.30	32.81	Peak	No Limit
2 *	5258.1000	51.08	40.98	92.06	54.00	38.06	AVG	No Limit

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

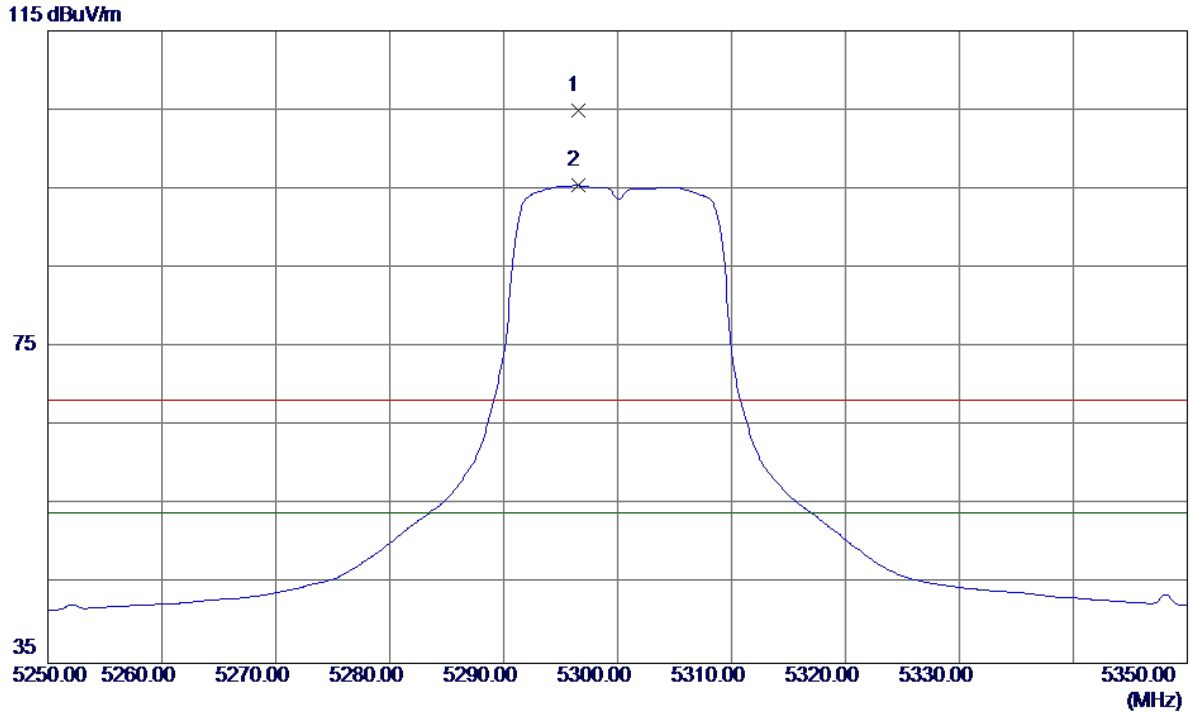
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10520.5400	39.15	15.32	54.47	68.30	-13.83	Peak	
2 *	10520.2200	28.27	15.32	43.59	54.00	-10.41	AVG	

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

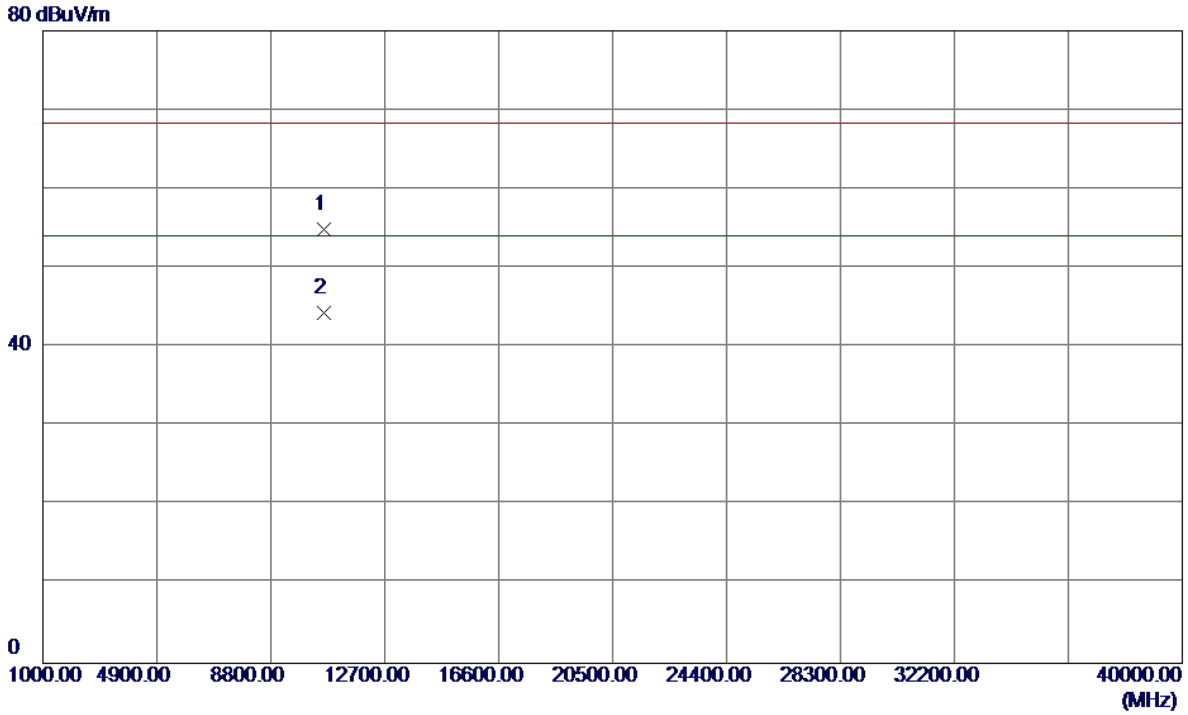
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5296.5000	63.80	41.11	104.91	68.30	36.61	Peak	No Limit
2 *	5296.5000	54.31	41.11	95.42	54.00	41.42	AVG	No Limit

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

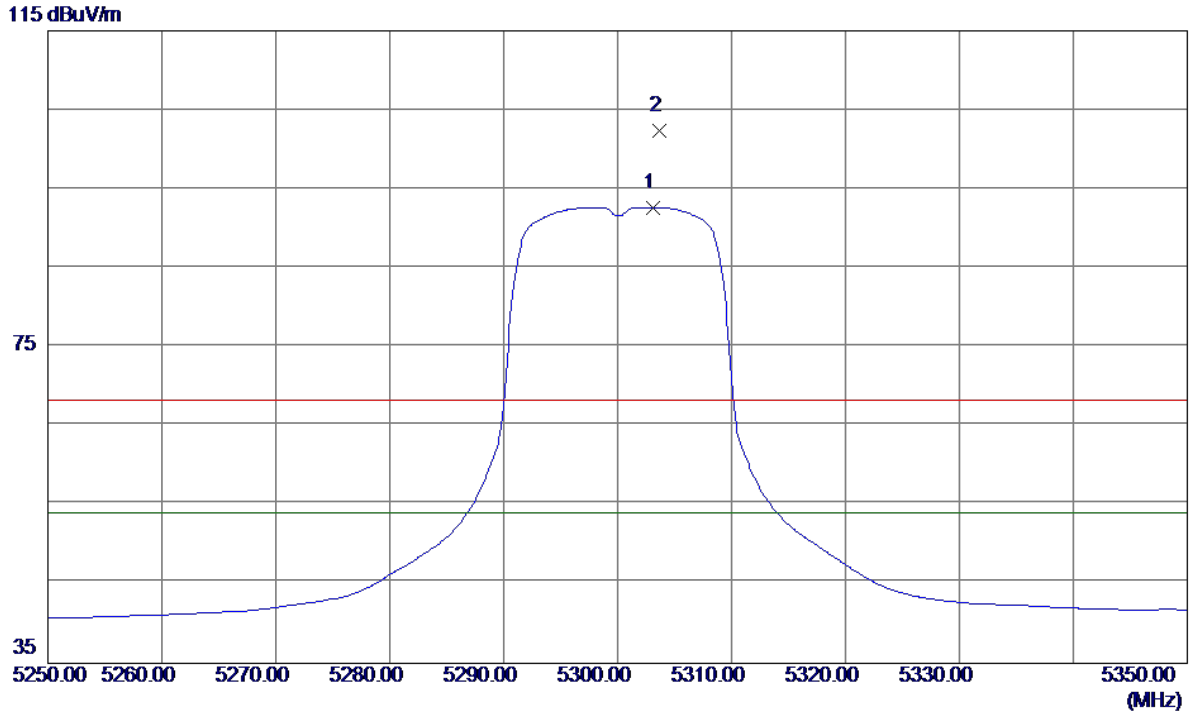
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.9900	39.44	15.42	54.86	68.30	-13.44	Peak	
2 *	10600.2500	28.96	15.42	44.38	54.00	-9.62	AVG	

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

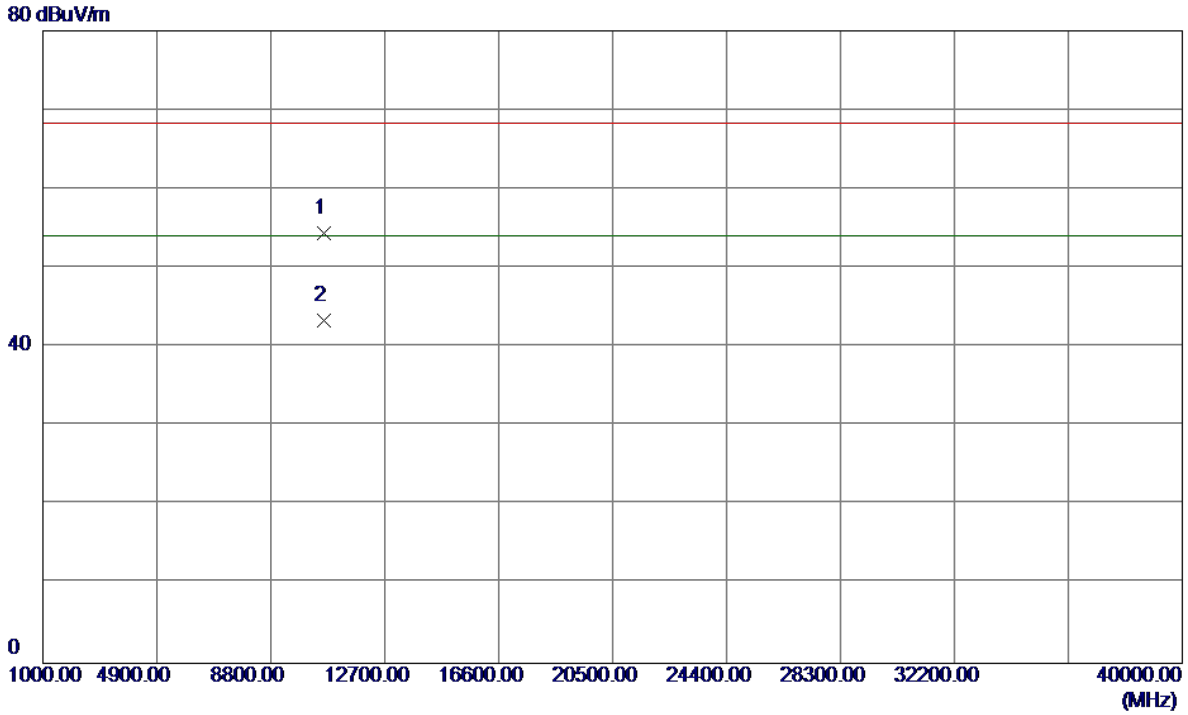
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5303.1000	51.54	41.13	92.67	54.00	38.67	AVG	No Limit
2	5303.7000	61.28	41.13	102.41	68.30	34.11	Peak	No Limit

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

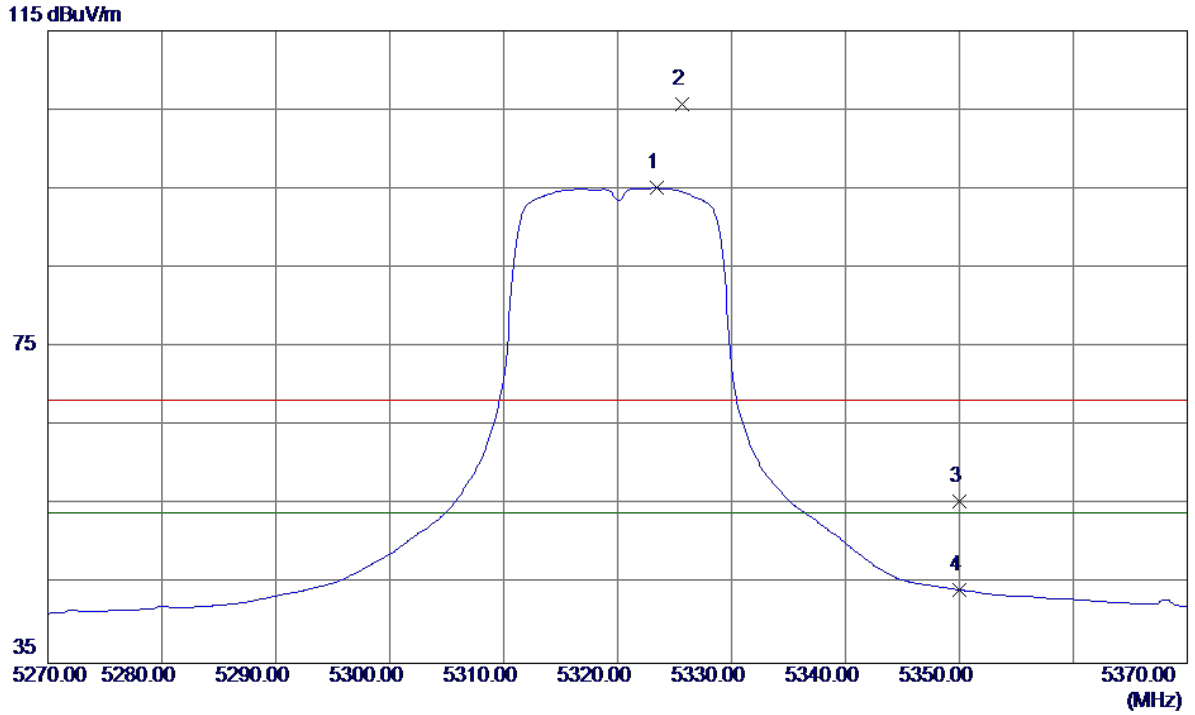
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.8200	38.91	15.42	54.33	68.30	-13.97	Peak	
2 *	10599.8600	27.96	15.42	43.38	54.00	-10.62	AVG	

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

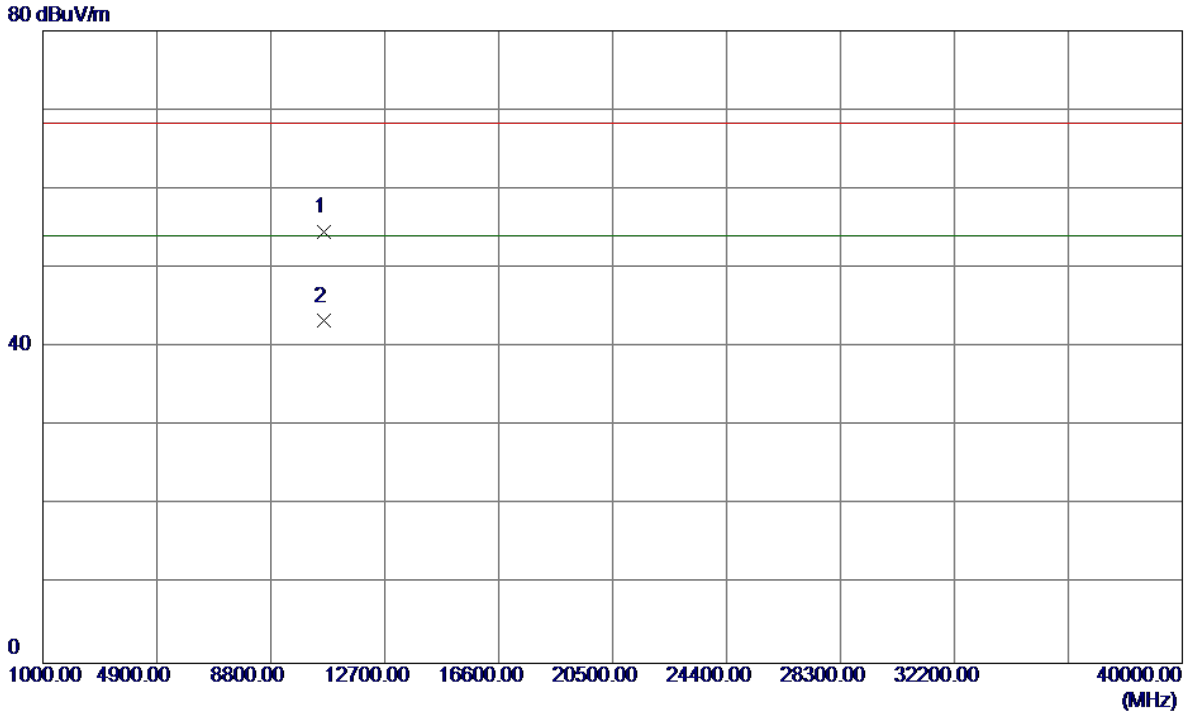
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5323.4000	53.90	41.20	95.10	54.00	41.10	AVG	No Limit
2	5325.7000	64.47	41.20	105.67	68.30	37.37	Peak	No Limit
3	5350.0000	14.15	41.28	55.43	68.30	-12.87	Peak	
4	5350.0000	3.01	41.28	44.29	54.00	-9.71	AVG	

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

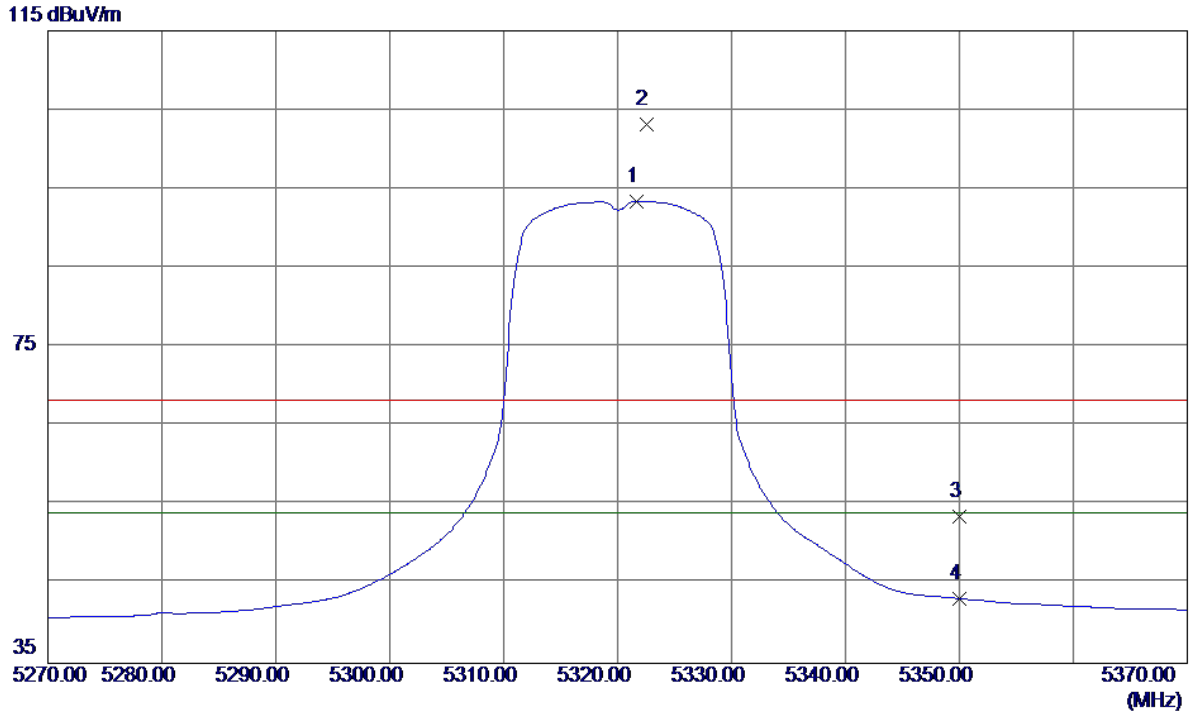
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.8500	39.12	15.47	54.59	68.30	-13.71	Peak	
2 *	10639.8700	27.81	15.47	43.28	54.00	-10.72	AVG	

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

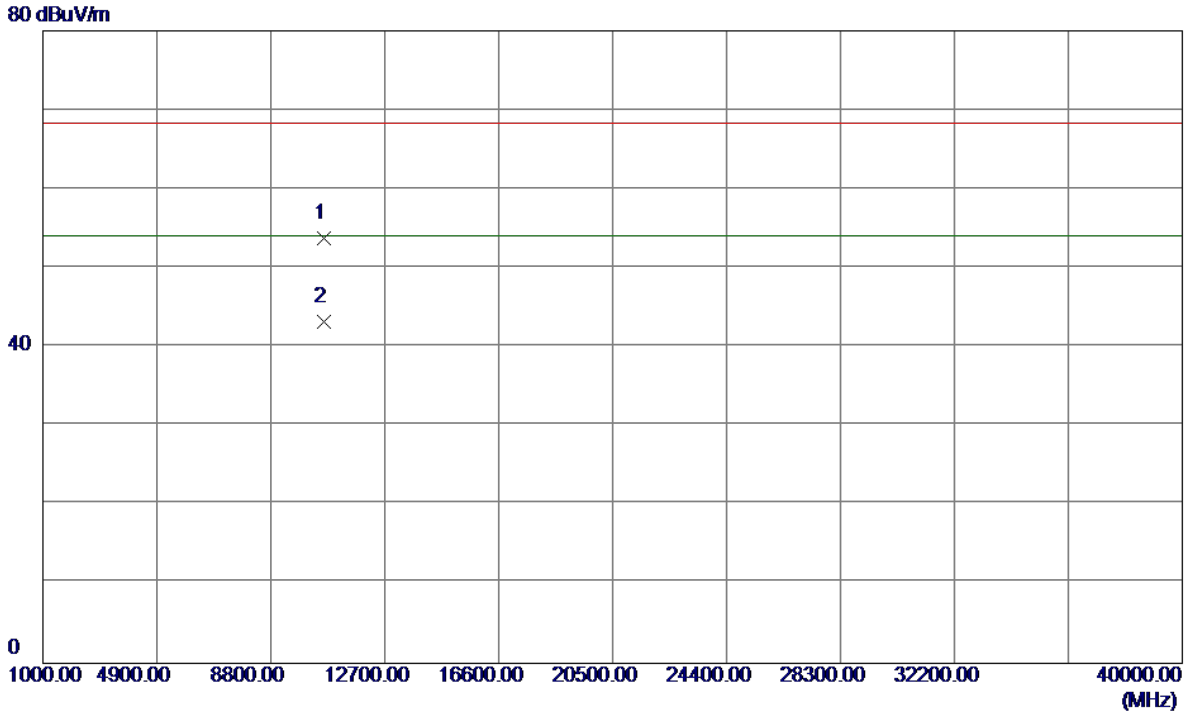
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5321.7000	52.20	41.19	93.39	54.00	39.39	AVG	No Limit
2	5322.5000	62.05	41.19	103.24	68.30	34.94	Peak	No Limit
3	5350.0000	12.21	41.28	53.49	68.30	-14.81	Peak	
4	5350.0000	1.91	41.28	43.19	54.00	-10.81	AVG	

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

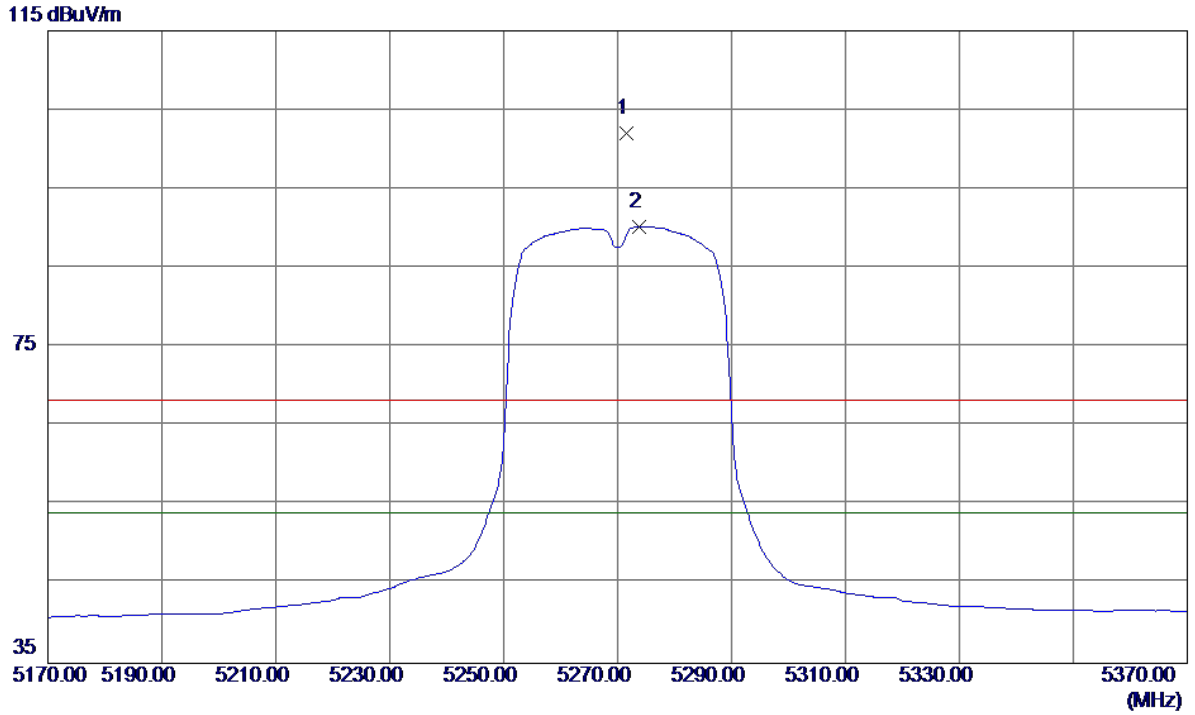
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0100	38.30	15.47	53.77	68.30	-14.53	Peak	
2 *	10640.0700	27.79	15.47	43.26	54.00	-10.74	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

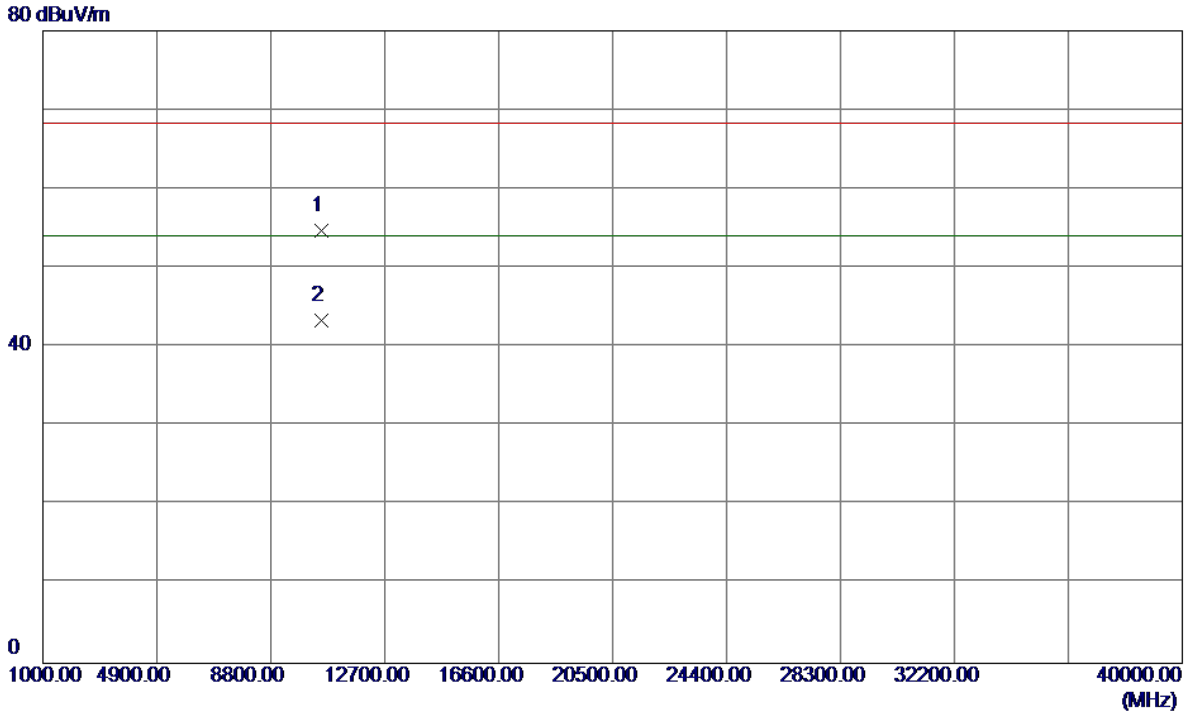
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5271.6000	61.07	41.03	102.10	68.30	33.80	Peak	No Limit
2 *	5273.8000	49.24	41.03	90.27	54.00	36.27	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

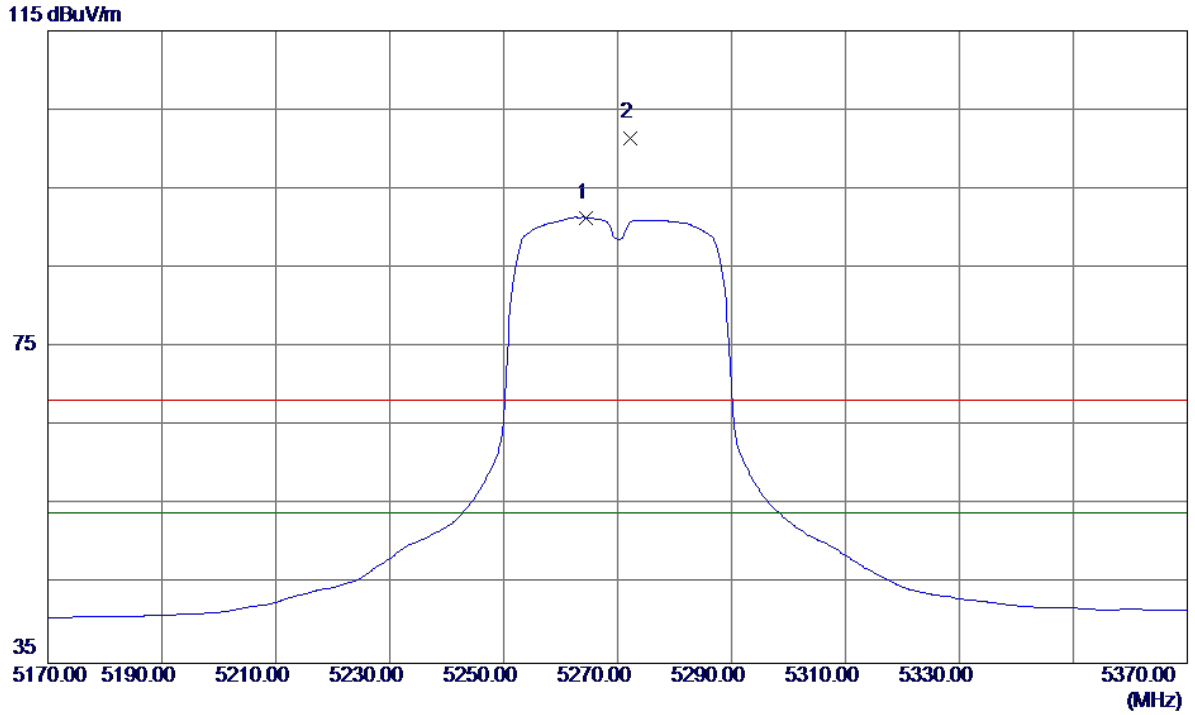
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10540.6300	39.44	15.34	54.78	68.30	-13.52	Peak	
2 *	10540.3400	28.04	15.34	43.38	54.00	-10.62	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

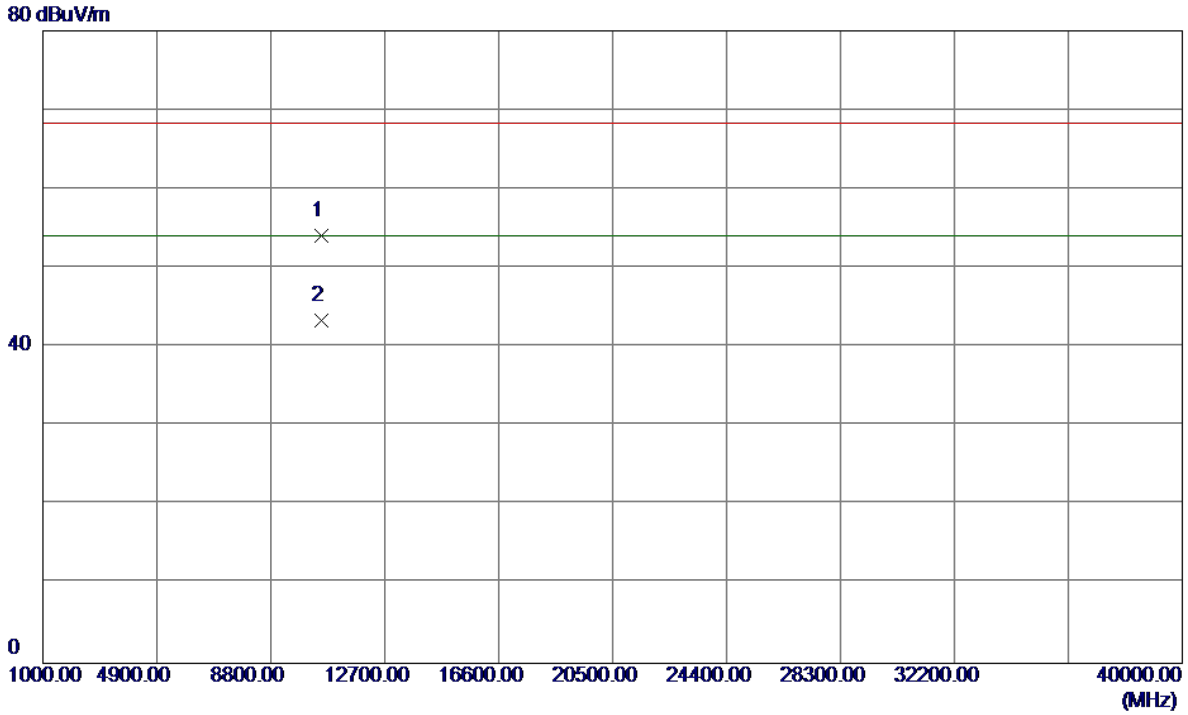
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5264.4000	50.37	41.00	91.37	54.00	37.37	AVG	No Limit
2	5272.2000	60.45	41.03	101.48	68.30	33.18	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

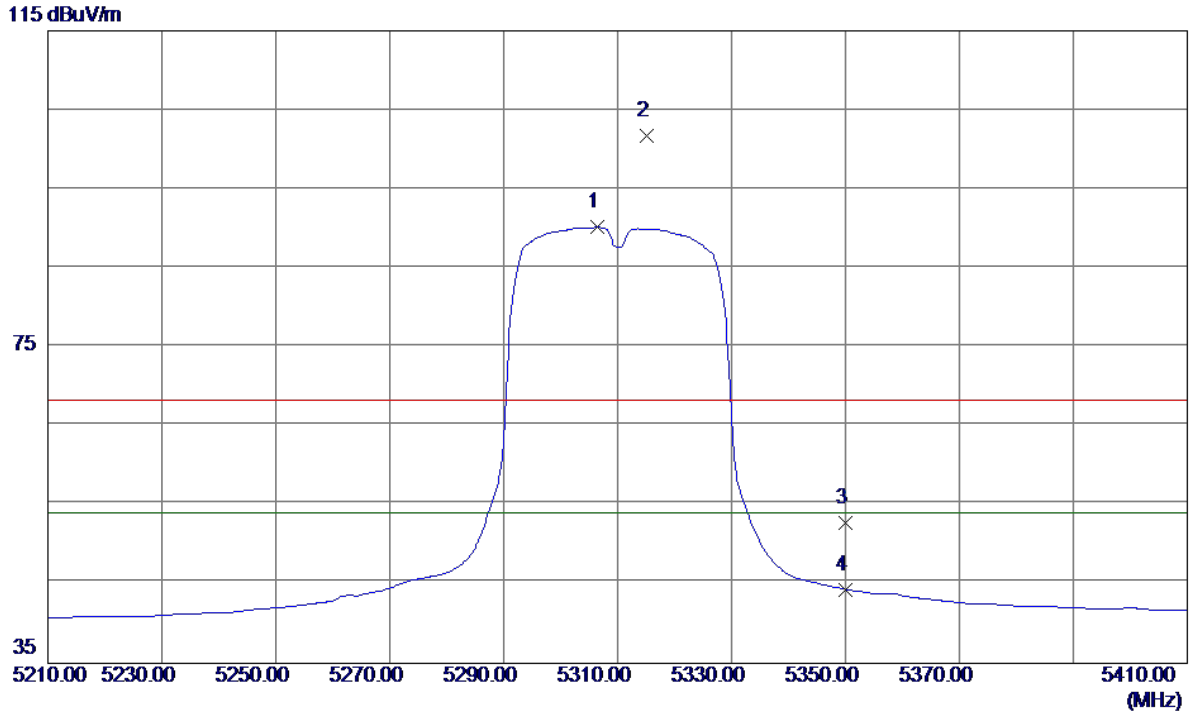
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10540.0199	38.76	15.34	54.10	68.30	-14.20	Peak	
2 *	10540.1000	28.02	15.34	43.36	54.00	-10.64	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

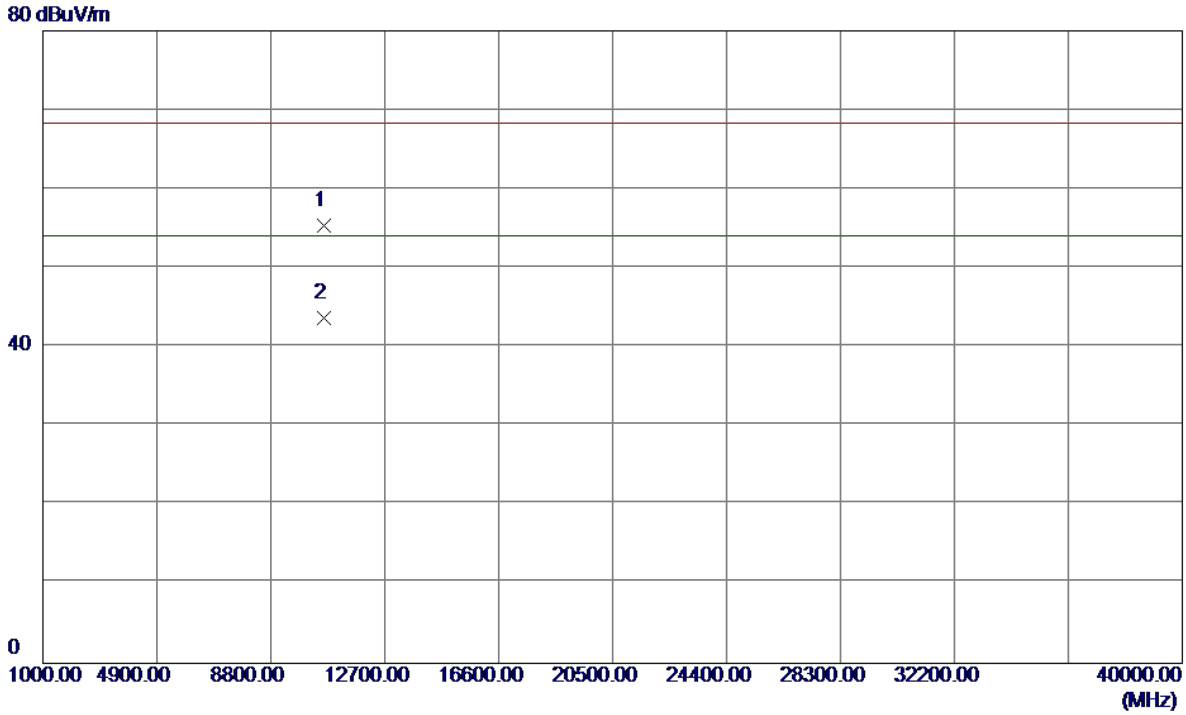
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5306.4000	49.01	41.14	90.15	54.00	36.15	AVG	No Limit
2	5315.2000	60.58	41.17	101.75	68.30	33.45	Peak	No Limit
3	5350.0000	11.52	41.28	52.80	68.30	-15.50	Peak	
4	5350.0000	3.06	41.28	44.34	54.00	-9.66	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

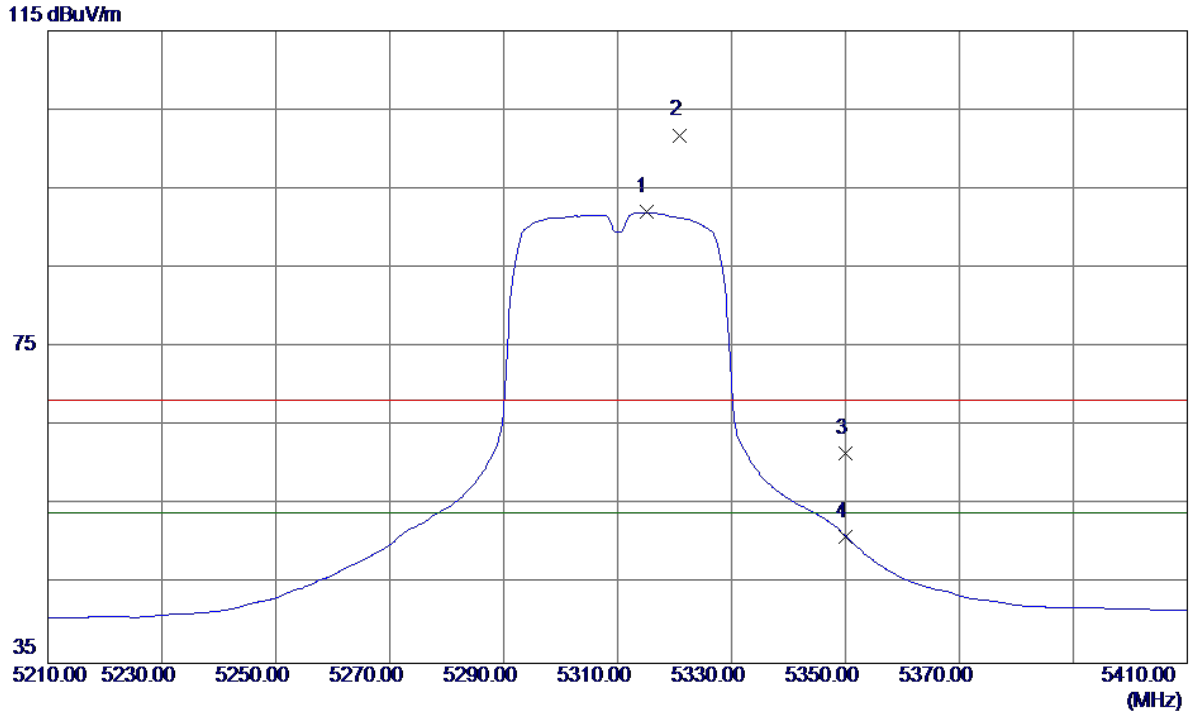
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.6100	39.91	15.44	55.35	68.30	-12.95	Peak	
2 *	10619.8700	28.22	15.44	43.66	54.00	-10.34	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

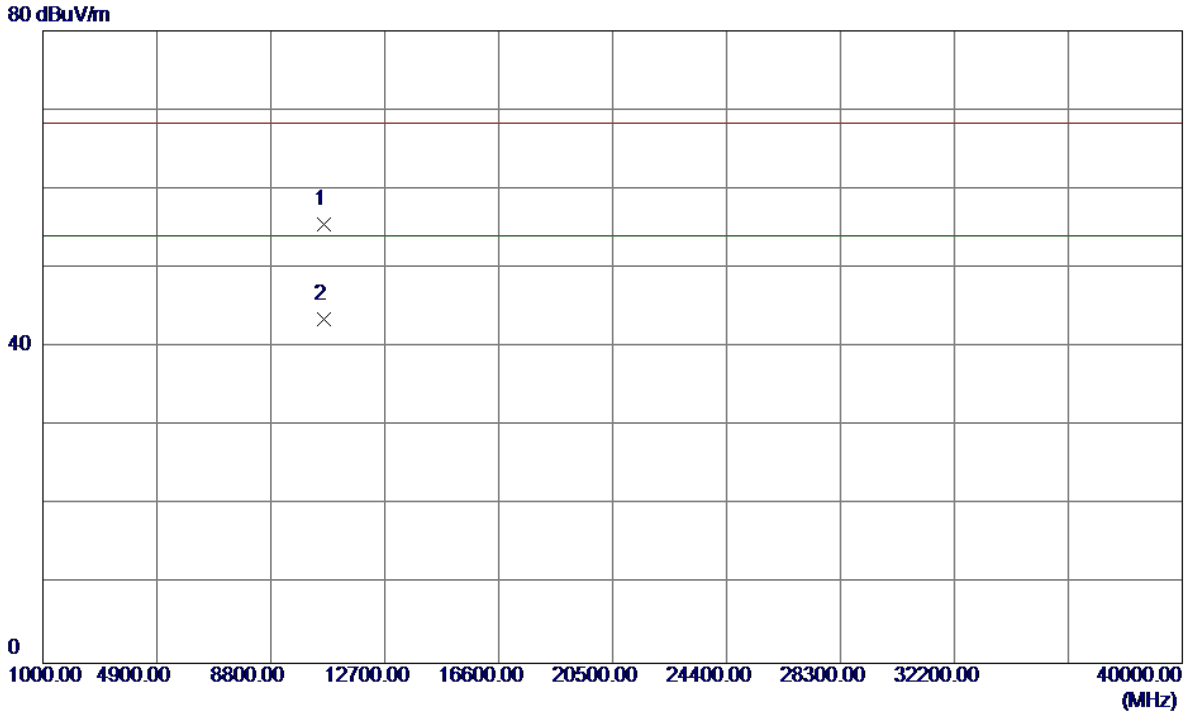
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5315.0000	50.87	41.17	92.04	54.00	38.04	AVG	No Limit
2	5320.8000	60.61	41.19	101.80	68.30	33.50	Peak	No Limit
3	5350.0000	20.23	41.28	61.51	68.30	-6.79	Peak	
4	5350.0000	9.70	41.28	50.98	54.00	-3.02	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

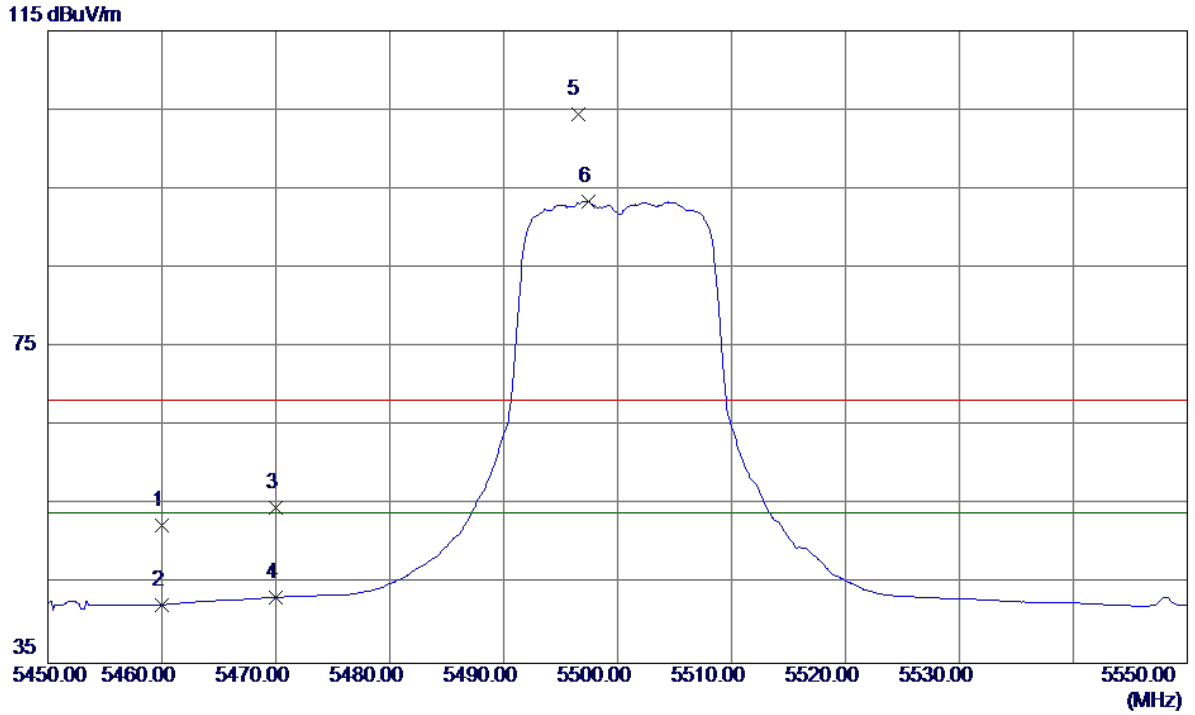
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.7900	40.10	15.44	55.54	68.30	-12.76	Peak	
2 *	10620.1200	28.12	15.44	43.56	54.00	-10.44	AVG	

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

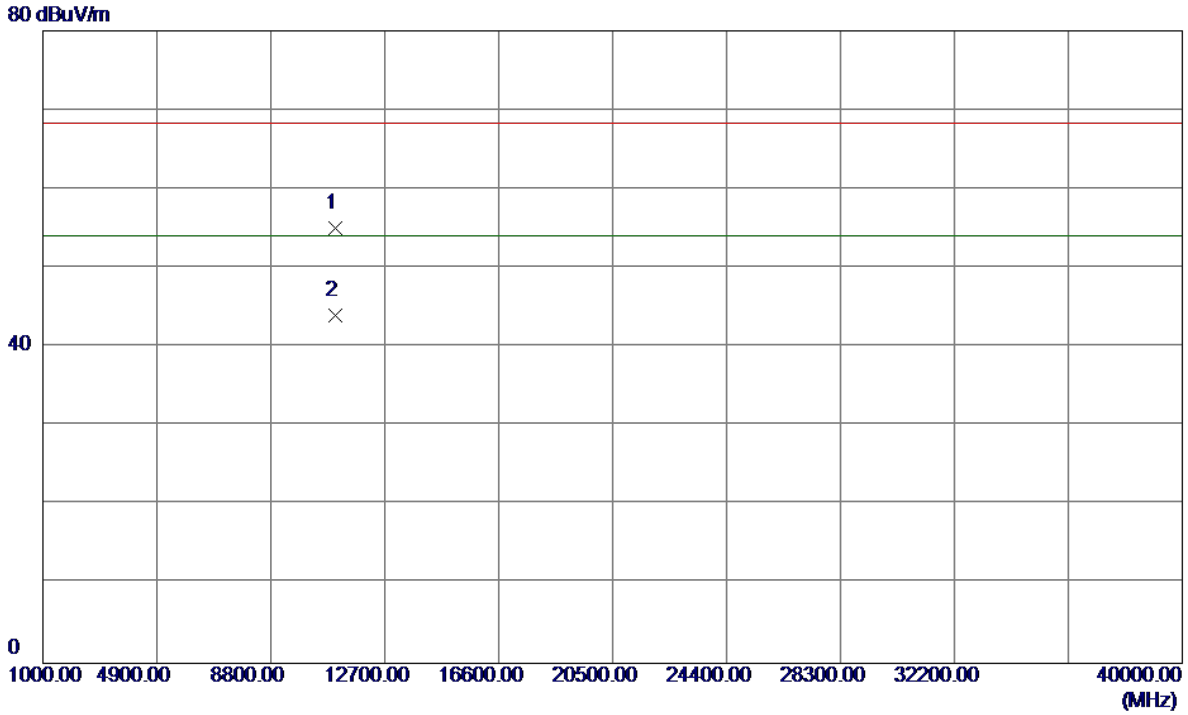
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	10.84	41.65	52.49	68.30	-15.81	Peak	
2	5460.0000	0.78	41.65	42.43	54.00	-11.57	AVG	
3	5470.0000	12.97	41.68	54.65	68.30	-13.65	Peak	
4	5470.0000	1.66	41.68	43.34	54.00	-10.66	AVG	
5	5496.5000	62.72	41.77	104.49	68.30	36.19	Peak	No Limit
6 *	5497.4000	51.62	41.77	93.39	54.00	39.39	AVG	No Limit

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

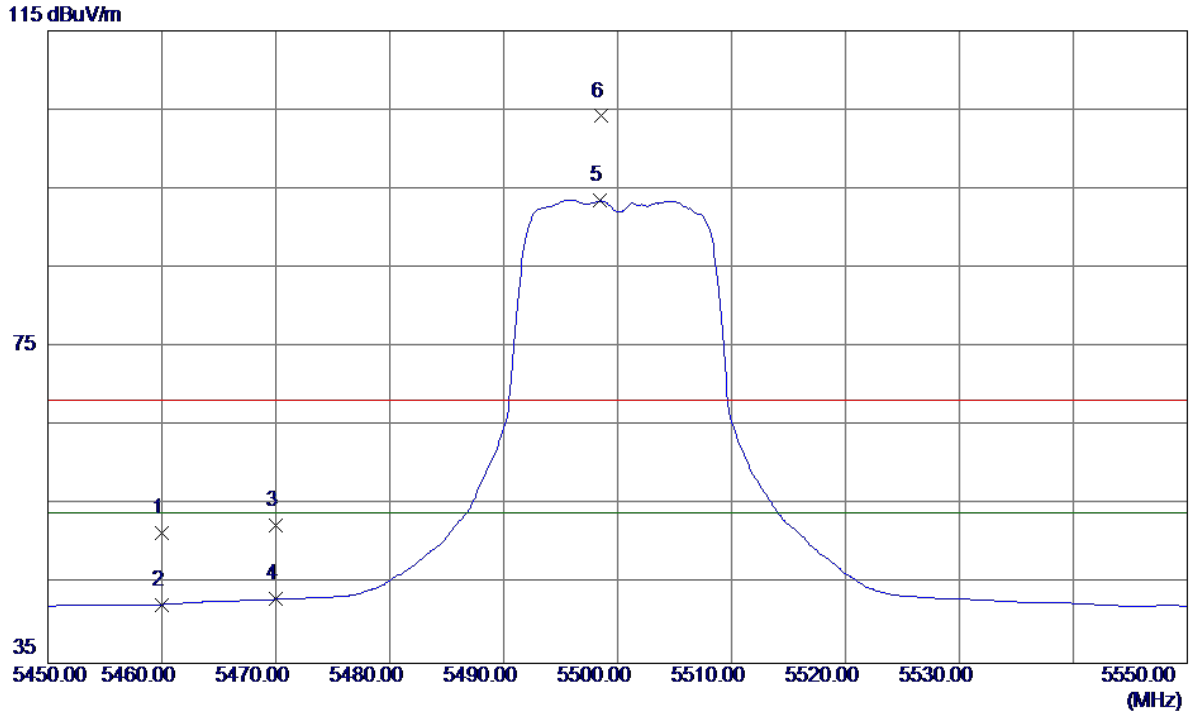
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.9600	39.09	15.93	55.02	68.30	-13.28	Peak	
2 *	10999.9900	28.00	15.93	43.93	54.00	-10.07	AVG	

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

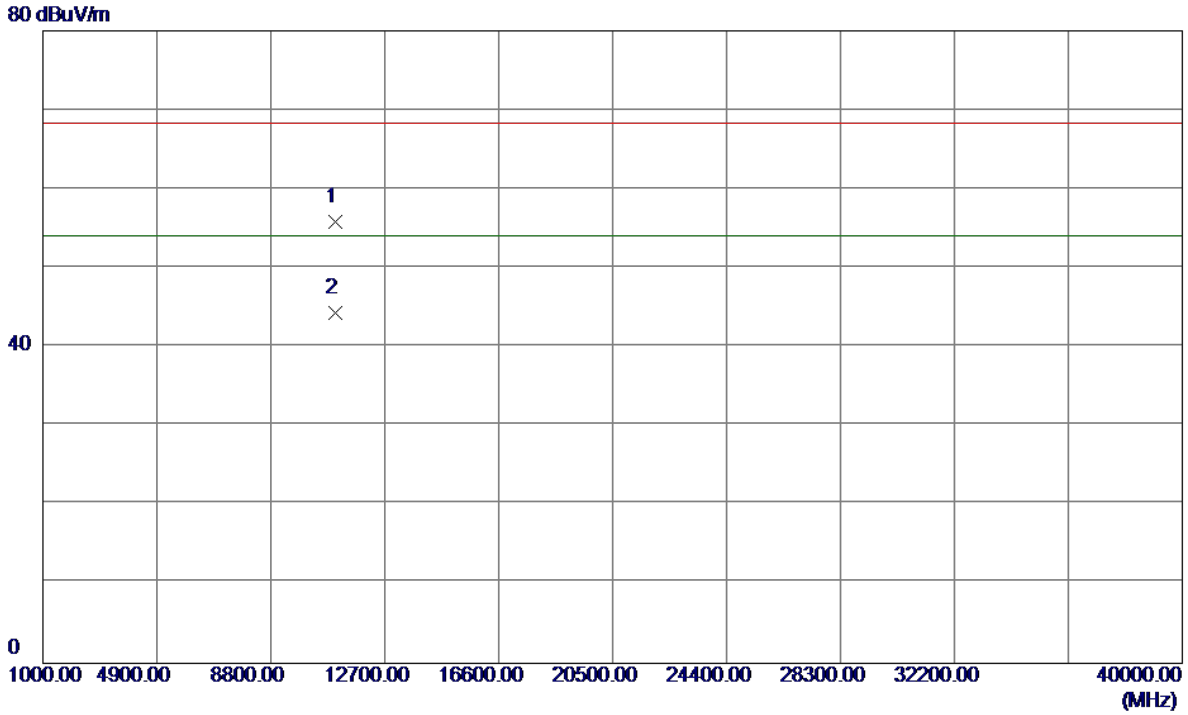
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	9.80	41.65	51.45	68.30	-16.85	Peak	
2	5460.0000	0.78	41.65	42.43	54.00	-11.57	AVG	
3	5470.0000	10.77	41.68	52.45	68.30	-15.85	Peak	
4	5470.0000	1.41	41.68	43.09	54.00	-10.91	AVG	
5 *	5498.4000	51.75	41.77	93.52	54.00	39.52	AVG	No Limit
6	5498.6000	62.42	41.78	104.20	68.30	35.90	Peak	No Limit

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

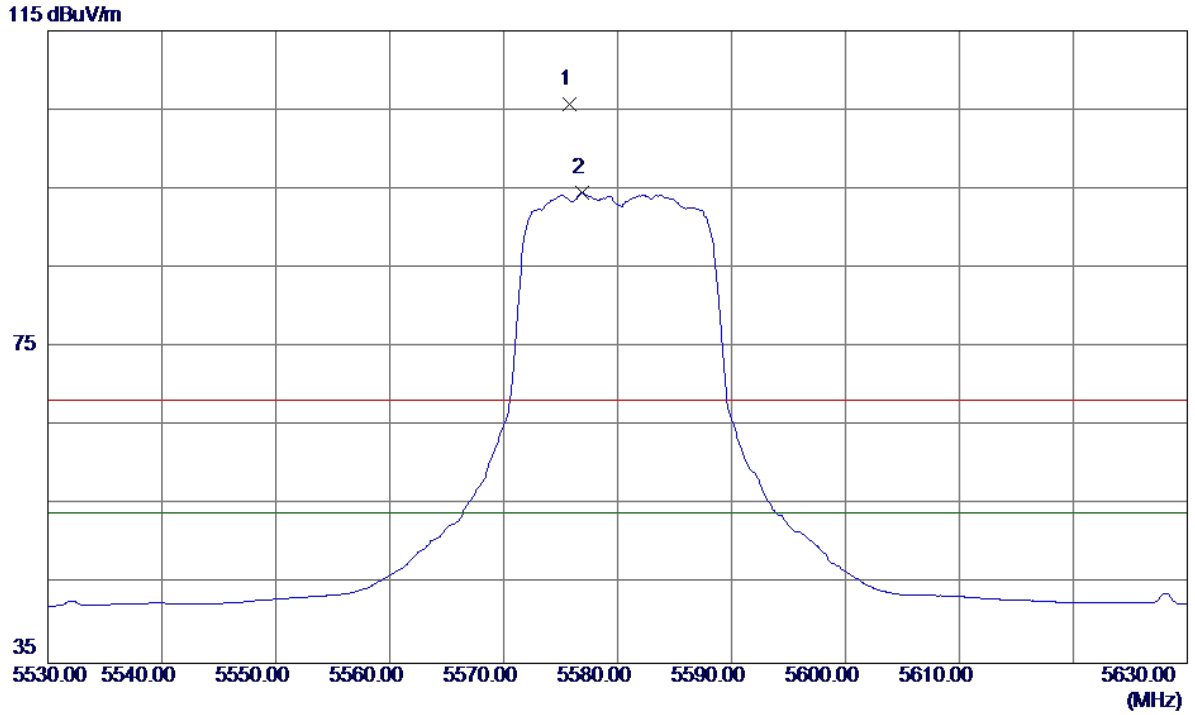
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.6300	39.89	15.93	55.82	68.30	-12.48	Peak	
2 *	11000.2000	28.40	15.93	44.33	54.00	-9.67	AVG	

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

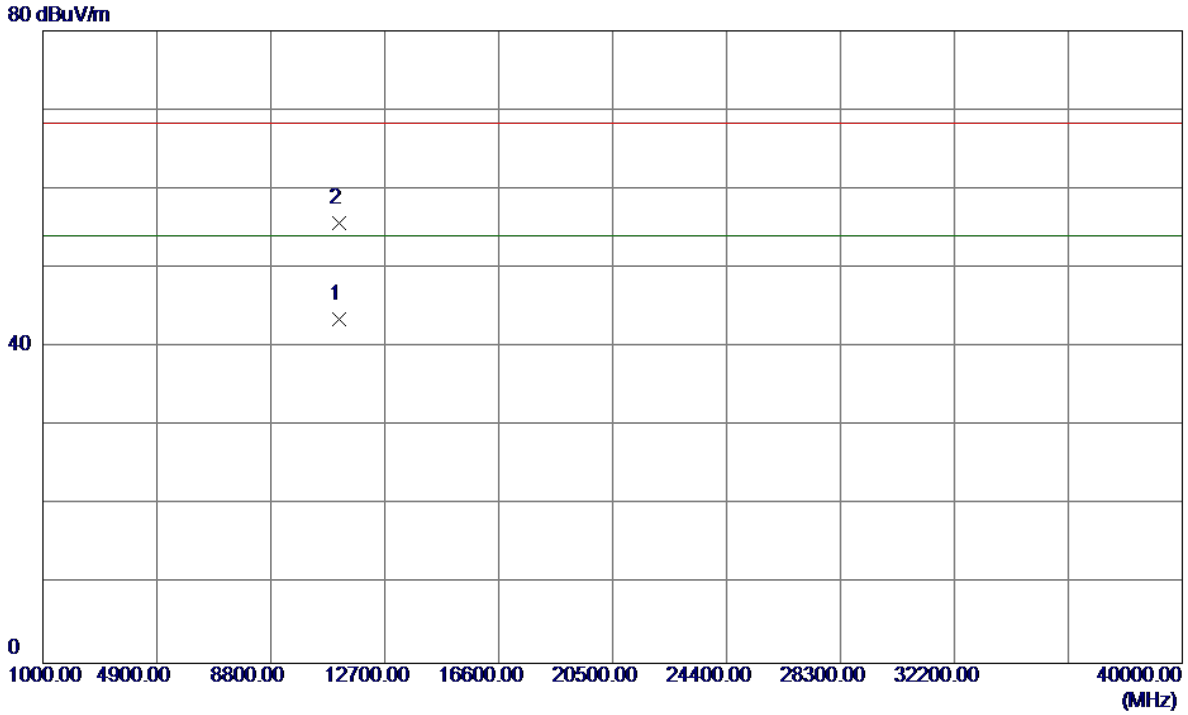
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5575.8000	63.70	42.05	105.75	68.30	37.45	Peak	No Limit
2 *	5576.9000	52.53	42.05	94.58	54.00	40.58	AVG	No Limit

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

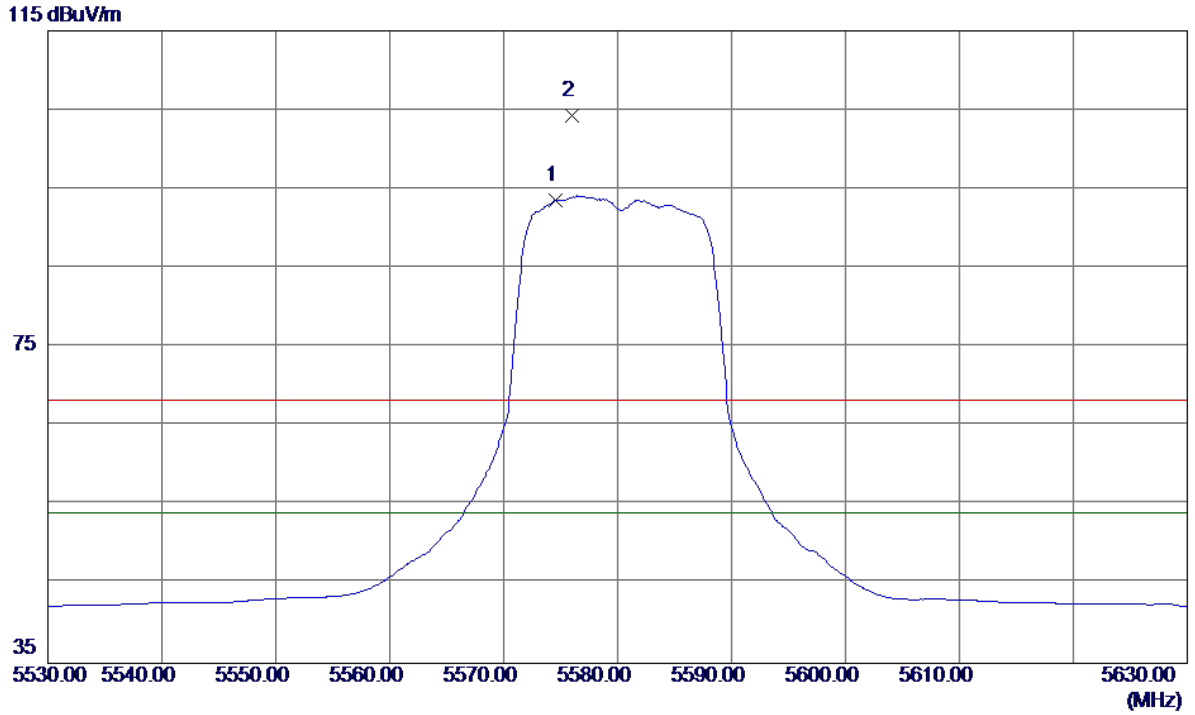
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.0199	27.77	15.79	43.56	54.00	-10.44	AVG	
2	11160.2900	39.85	15.79	55.64	68.30	-12.66	Peak	

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

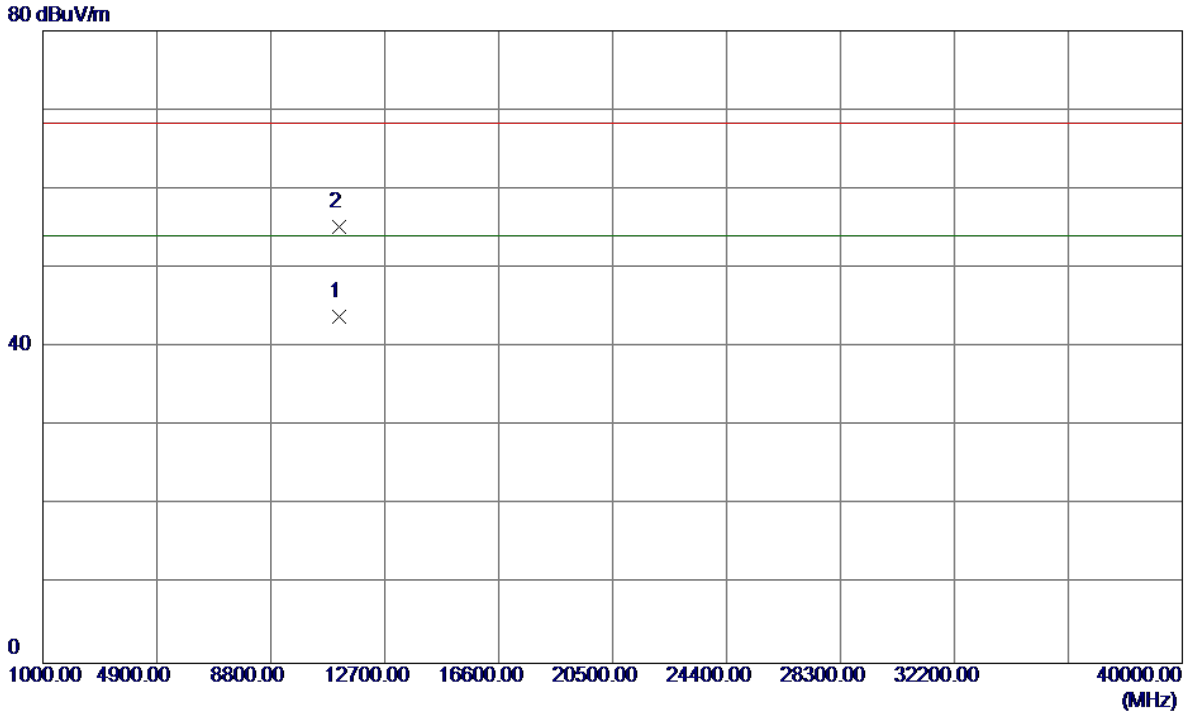
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5574.6000	51.54	42.05	93.59	54.00	39.59	AVG	No Limit
2	5576.0000	62.23	42.05	104.28	68.30	35.98	Peak	No Limit

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

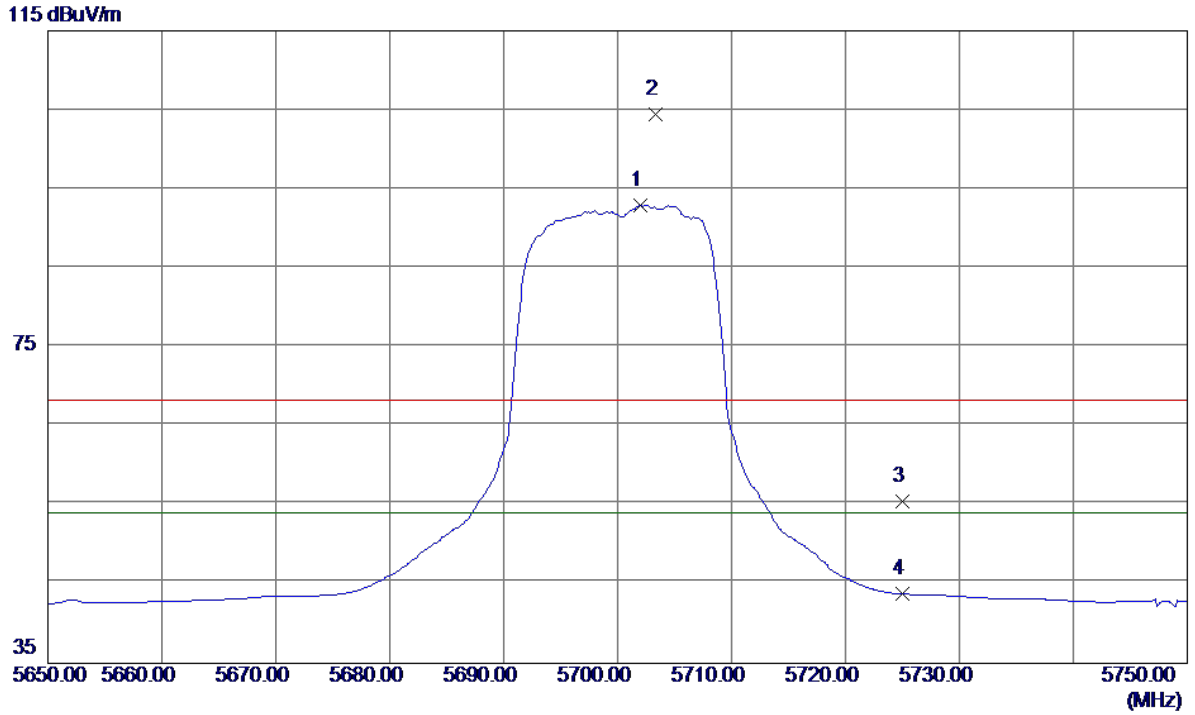
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.5199	27.98	15.79	43.77	54.00	-10.23	AVG	
2	11160.6300	39.46	15.79	55.25	68.30	-13.05	Peak	

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

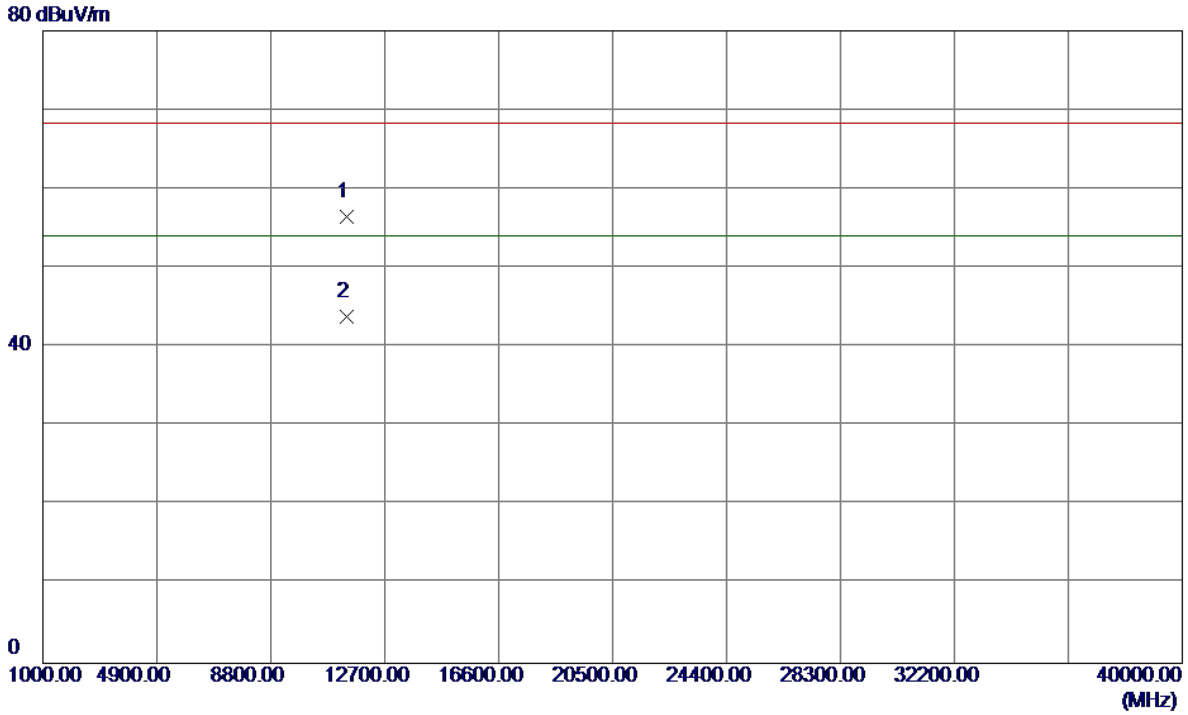
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5702.0000	50.48	42.50	92.98	54.00	38.98	AVG	No Limit
2	5703.3000	61.91	42.50	104.41	68.30	36.11	Peak	No Limit
3	5725.0000	12.88	42.58	55.46	68.30	-12.84	Peak	
4	5725.0000	1.18	42.58	43.76	54.00	-10.24	AVG	

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

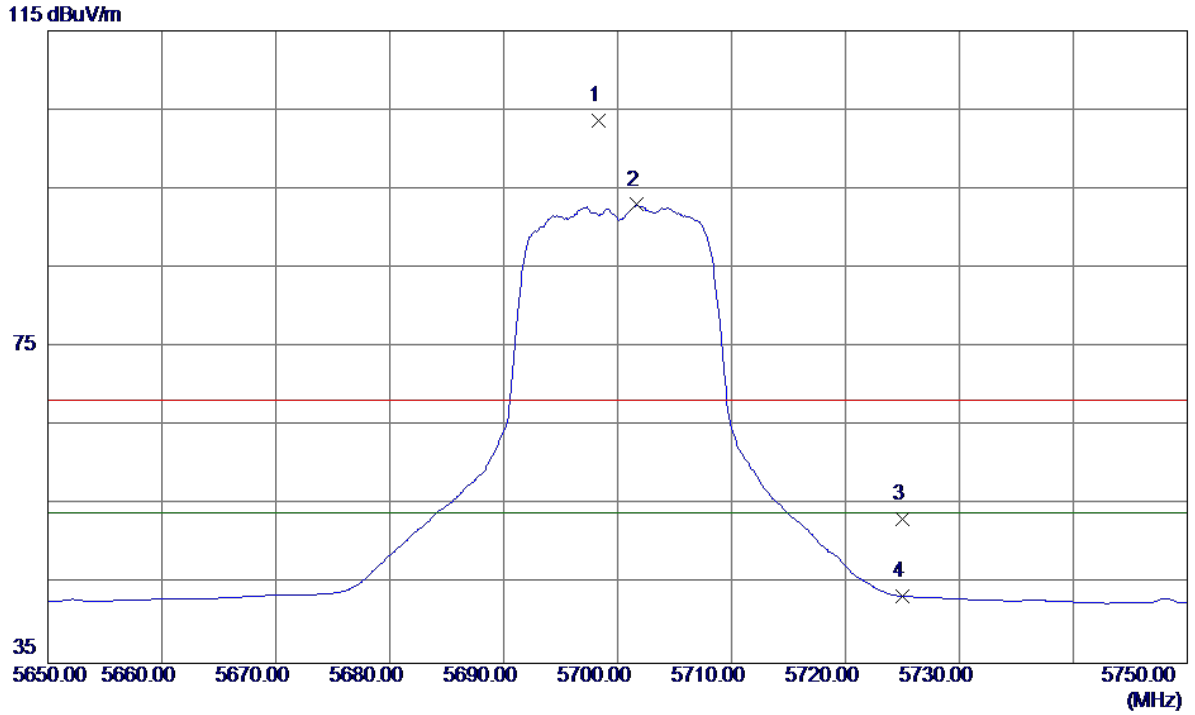
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.8099	40.87	15.57	56.44	68.30	-11.86	Peak	
2 *	11400.0599	28.22	15.57	43.79	54.00	-10.21	AVG	

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

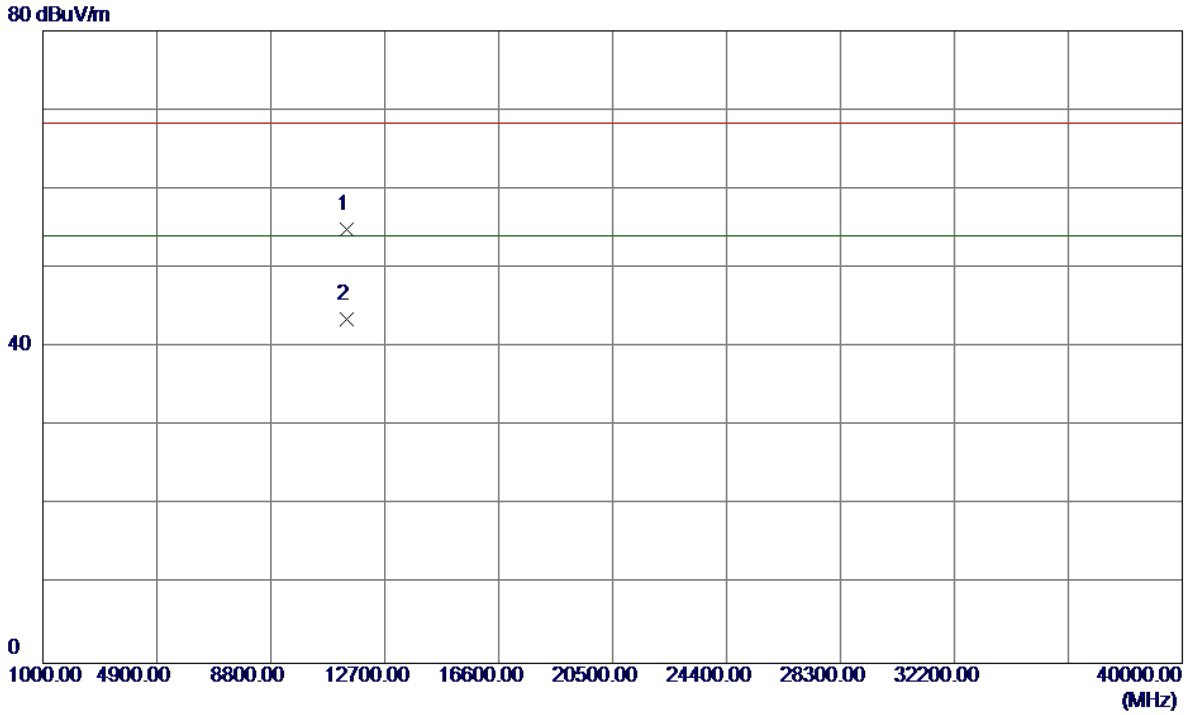
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.3000	61.12	42.49	103.61	68.30	35.31	Peak	No Limit
2 *	5701.7000	50.50	42.50	93.00	54.00	39.00	AVG	No Limit
3	5725.0000	10.66	42.58	53.24	68.30	-15.06	Peak	
4	5725.0000	0.91	42.58	43.49	54.00	-10.51	AVG	

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

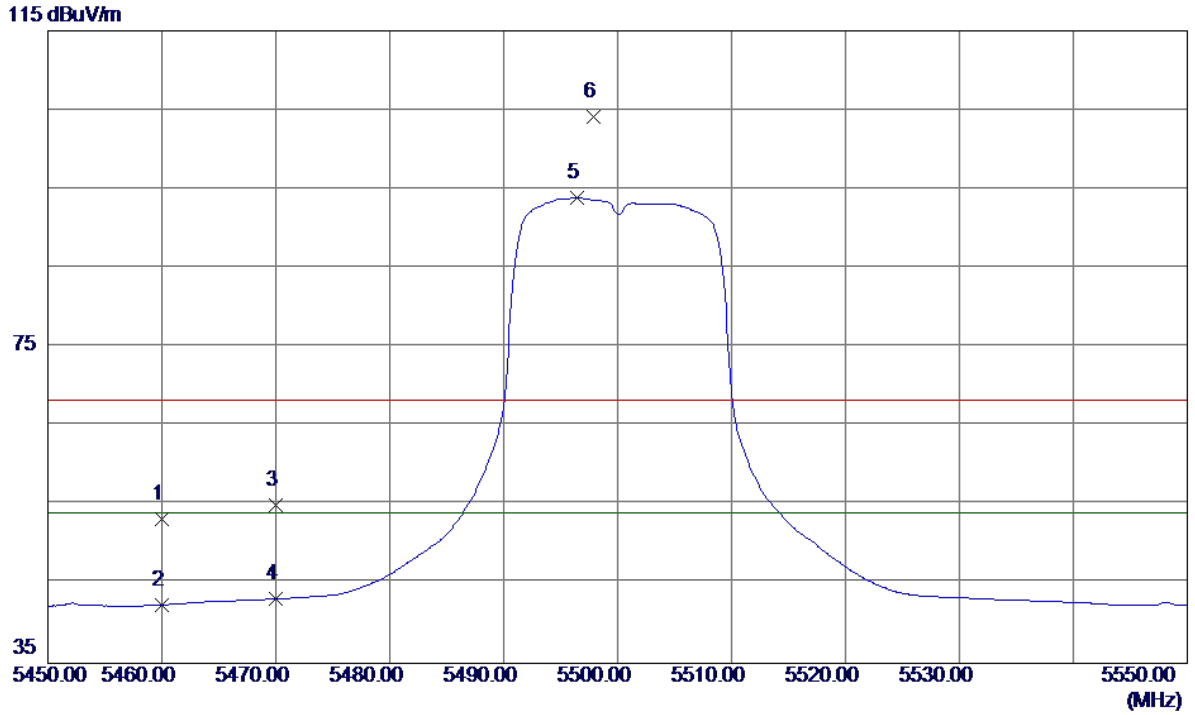
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.9400	39.38	15.57	54.95	68.30	-13.35	Peak	
2 *	11400.0900	28.00	15.57	43.57	54.00	-10.43	AVG	

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

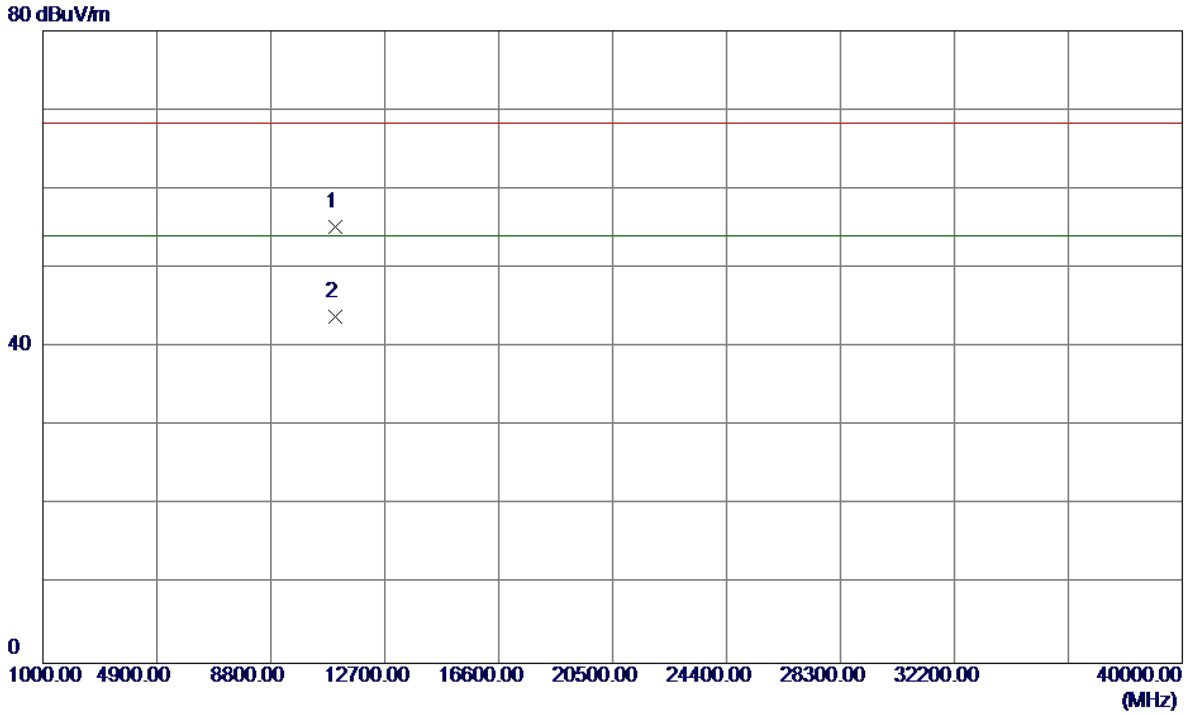
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	11.55	41.65	53.20	68.30	-15.10	Peak	
2	5460.0000	0.73	41.65	42.38	54.00	-11.62	AVG	
3	5470.0000	13.34	41.68	55.02	68.30	-13.28	Peak	
4	5470.0000	1.47	41.68	43.15	54.00	-10.85	AVG	
5 *	5496.4000	52.09	41.77	93.86	54.00	39.86	AVG	No Limit
6	5497.9000	62.38	41.77	104.15	68.30	35.85	Peak	No Limit

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

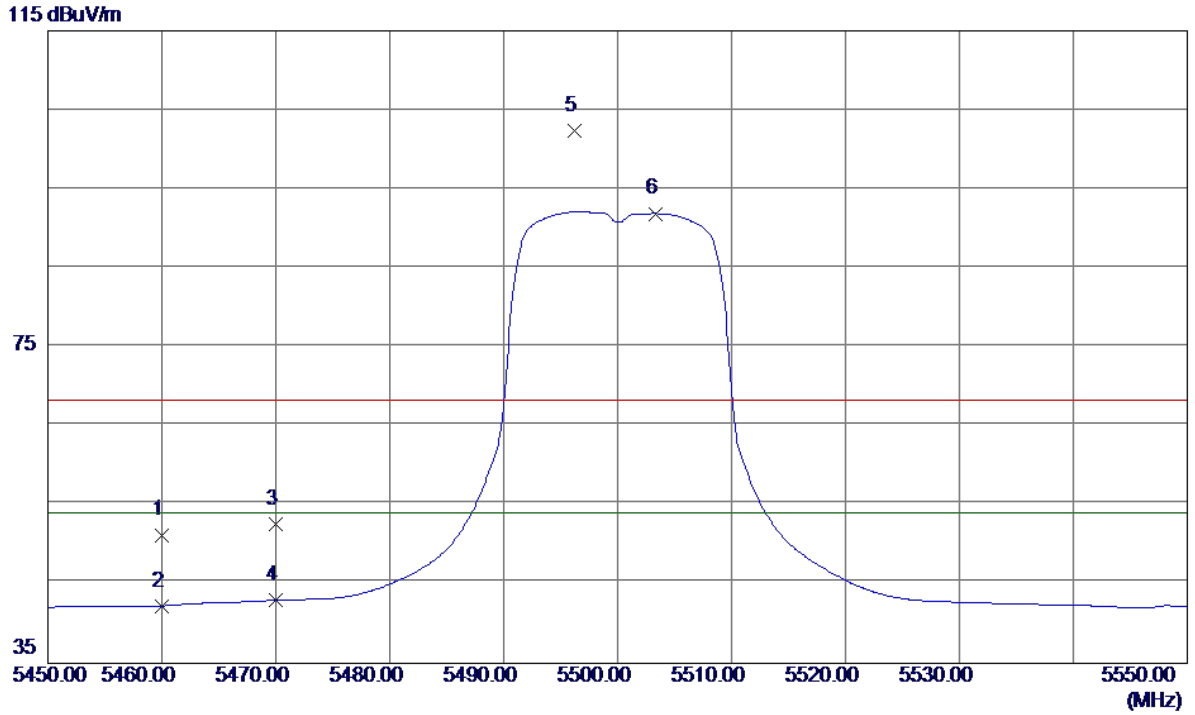
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.8200	39.33	15.93	55.26	68.30	-13.04	Peak	
2 *	10999.8700	27.99	15.93	43.92	54.00	-10.08	AVG	

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

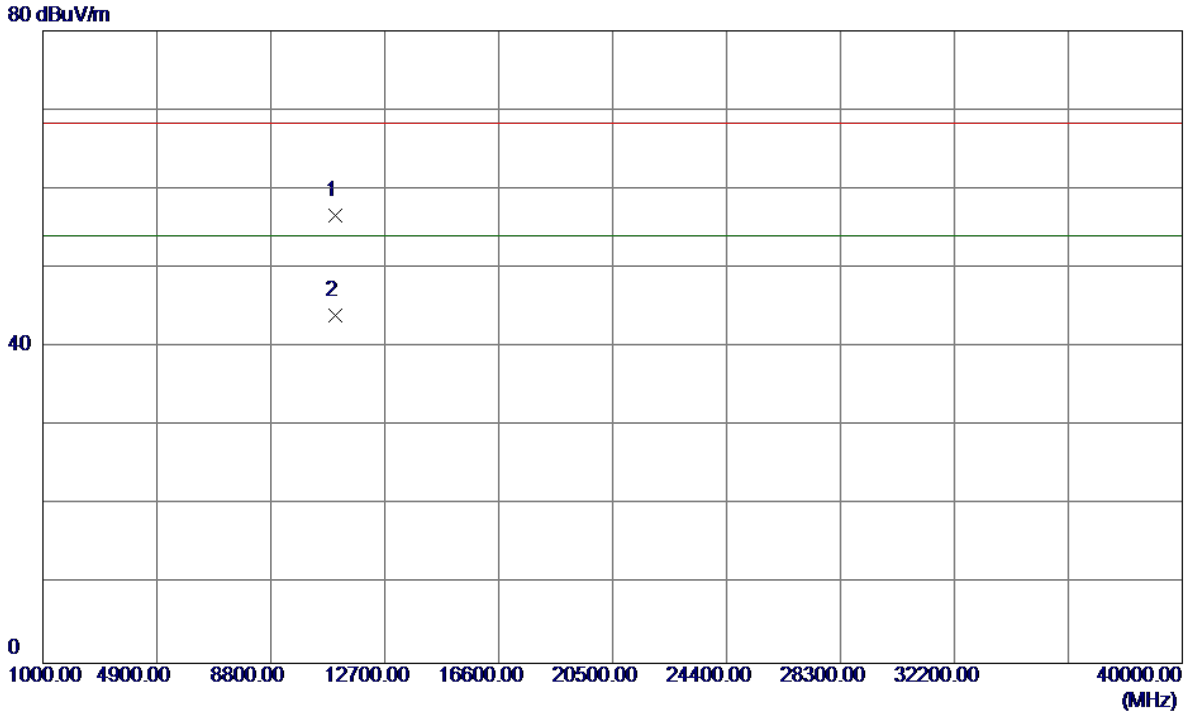
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	9.59	41.65	51.24	68.30	-17.06	Peak	
2	5460.0000	0.61	41.65	42.26	54.00	-11.74	AVG	
3	5470.0000	10.94	41.68	52.62	68.30	-15.68	Peak	
4	5470.0000	1.30	41.68	42.98	54.00	-11.02	AVG	
5	5496.2000	60.55	41.77	102.32	68.30	34.02	Peak	No Limit
6 *	5503.3000	50.09	41.79	91.88	54.00	37.88	AVG	No Limit

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

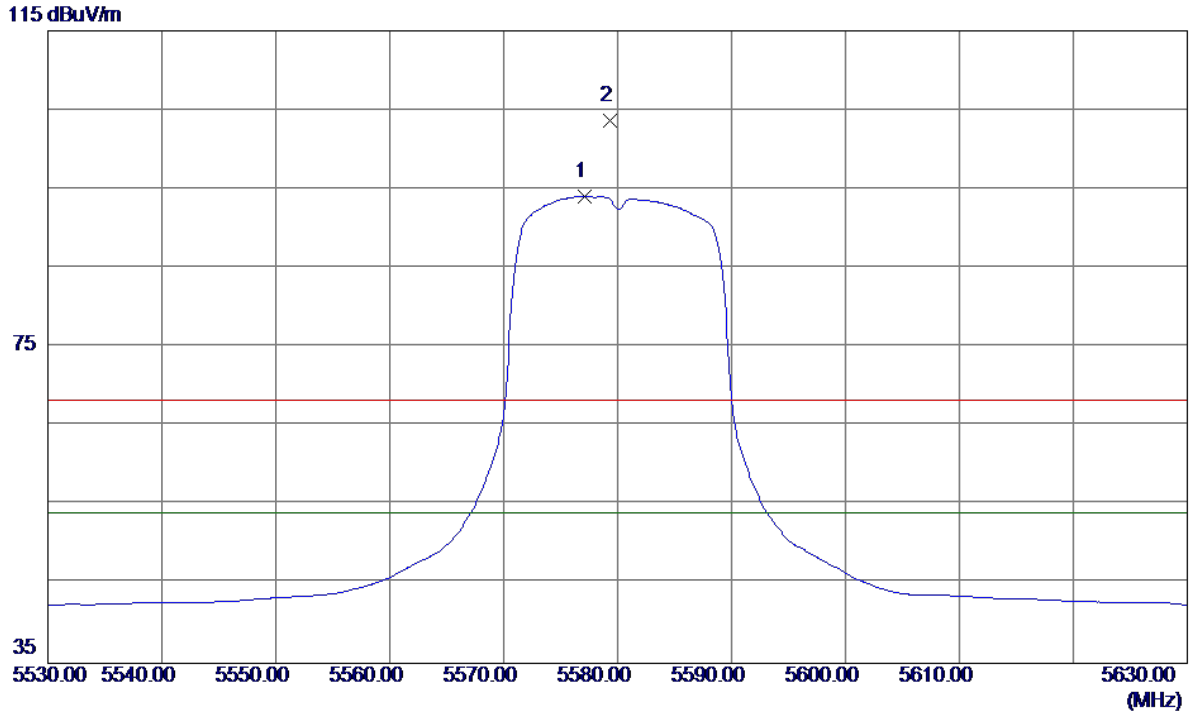
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11000.0400	40.78	15.93	56.71	68.30	-11.59	Peak	
2 *	11000.0900	28.03	15.93	43.96	54.00	-10.04	AVG	

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

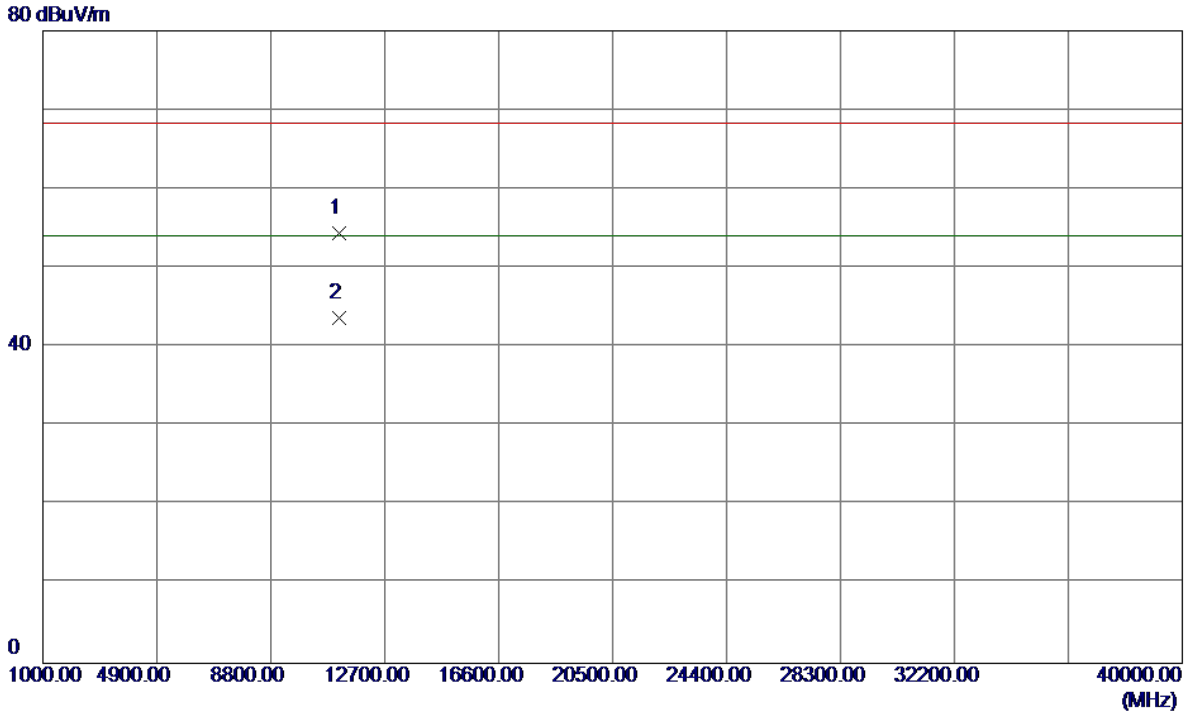
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5577.1000	51.97	42.05	94.02	54.00	40.02	AVG	No Limit
2	5579.3000	61.63	42.06	103.69	68.30	35.39	Peak	No Limit

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

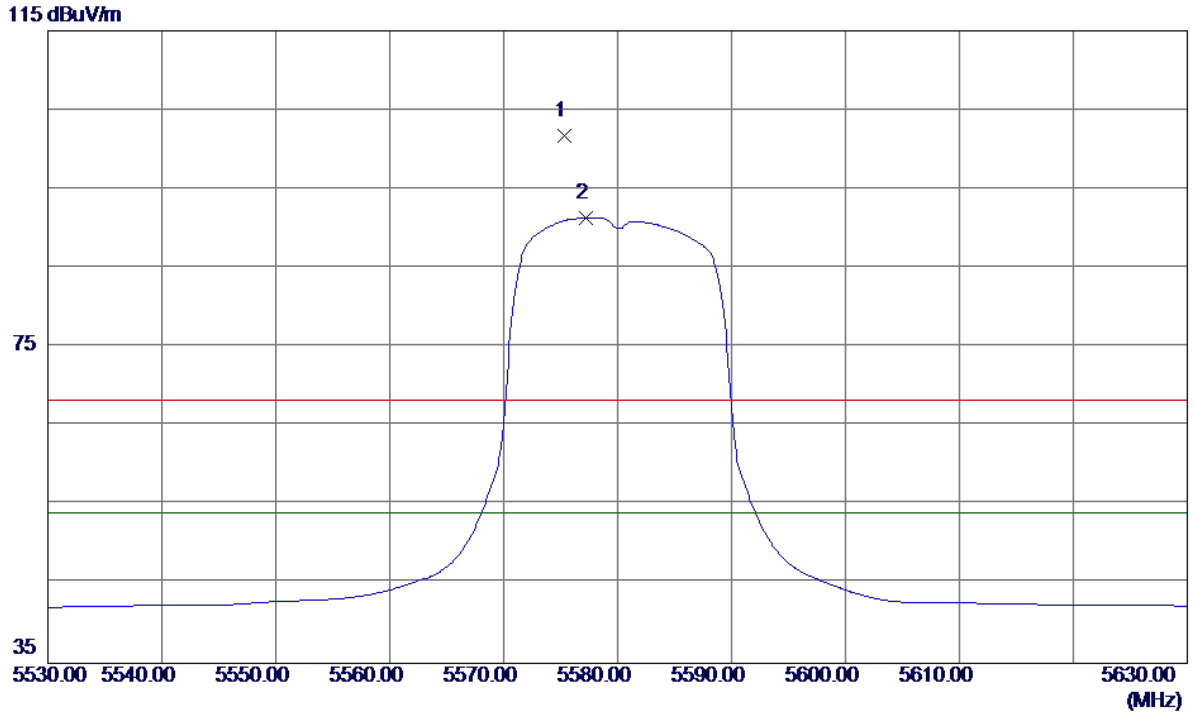
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11159.9400	38.55	15.79	54.34	68.30	-13.96	Peak	
2 *	11160.0900	27.82	15.79	43.61	54.00	-10.39	AVG	

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

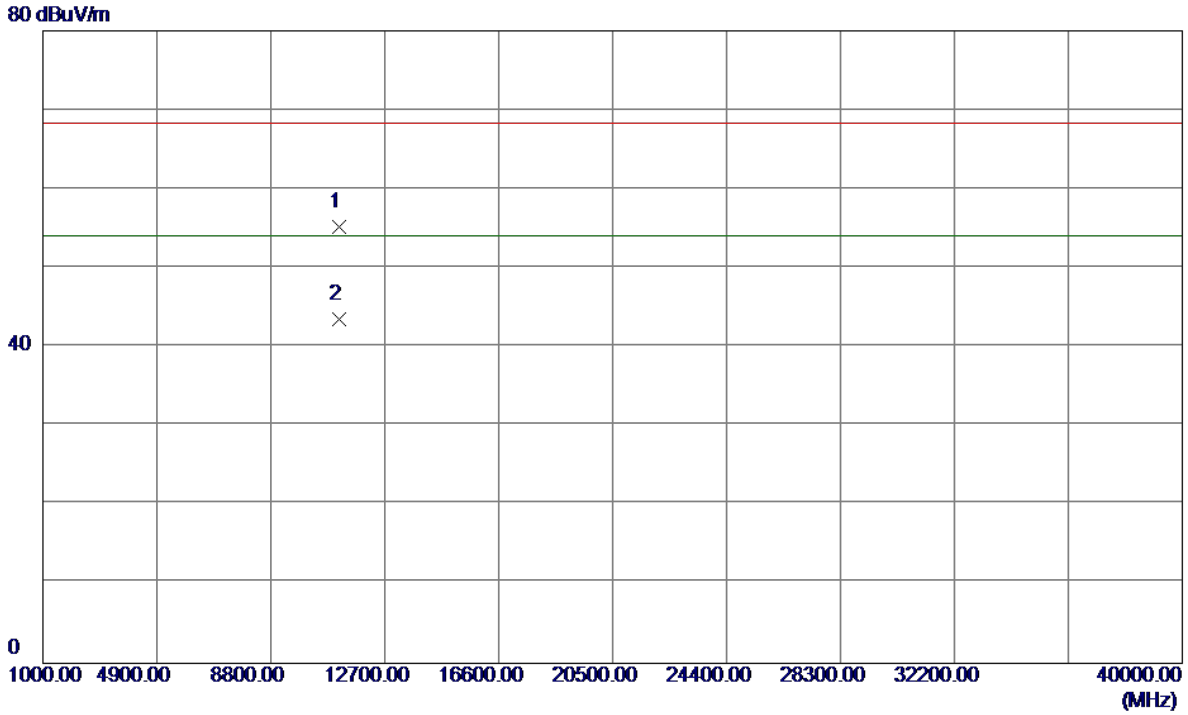
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5575.3000	59.67	42.05	101.72	68.30	33.42	Peak	No Limit
2 *	5577.2000	49.31	42.05	91.36	54.00	37.36	AVG	No Limit

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

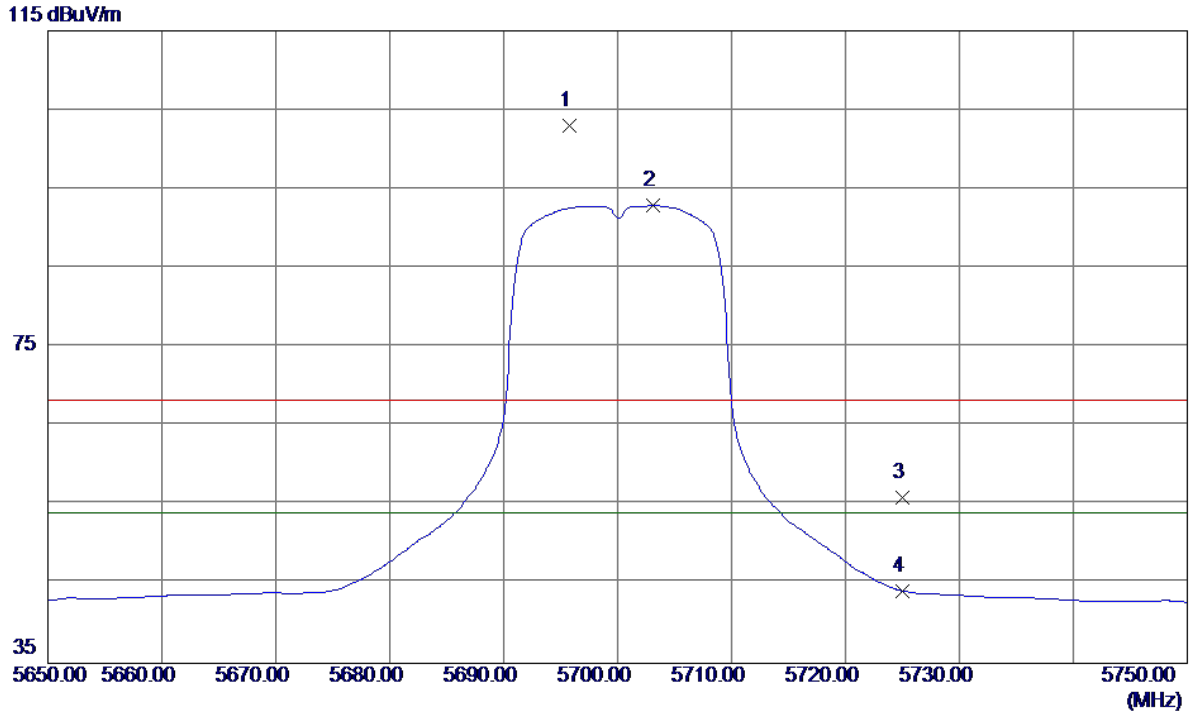
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11159.8800	39.48	15.79	55.27	68.30	-13.03	Peak	
2 *	11160.1400	27.77	15.79	43.56	54.00	-10.44	AVG	

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

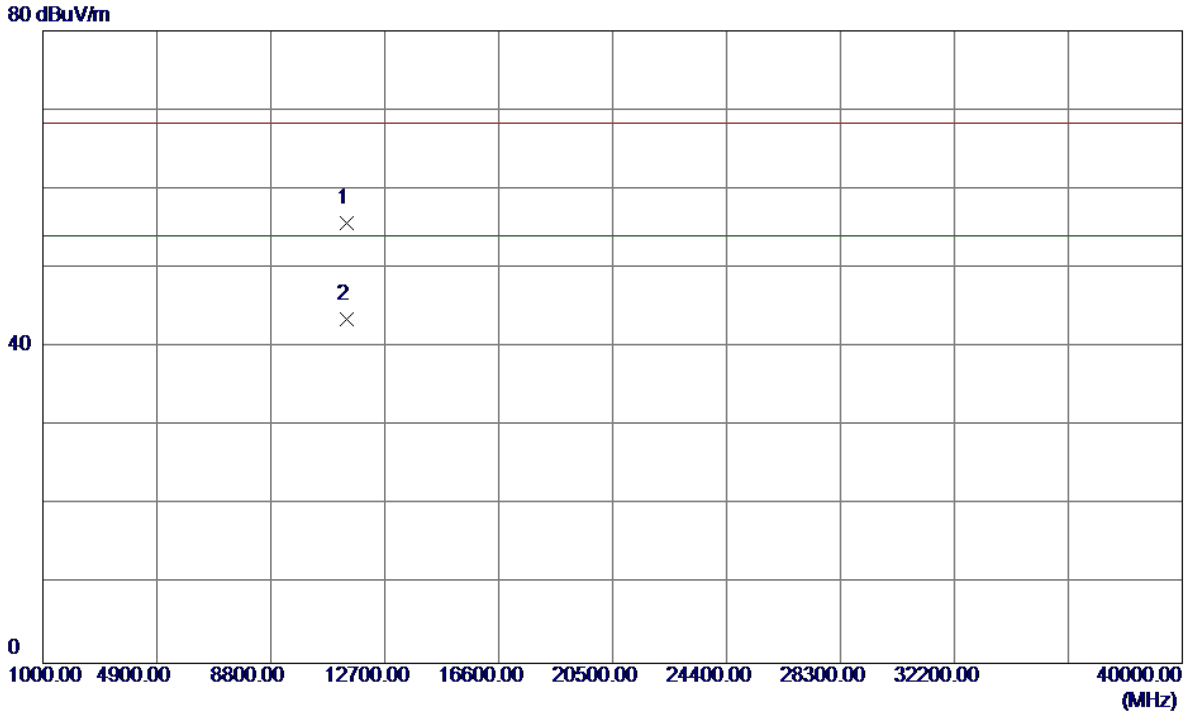
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5695.8000	60.50	42.48	102.98	68.30	34.68	Peak	No Limit
2 *	5703.1000	50.40	42.50	92.90	54.00	38.90	AVG	No Limit
3	5725.0000	13.31	42.58	55.89	68.30	-12.41	Peak	
4	5725.0000	1.58	42.58	44.16	54.00	-9.84	AVG	

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

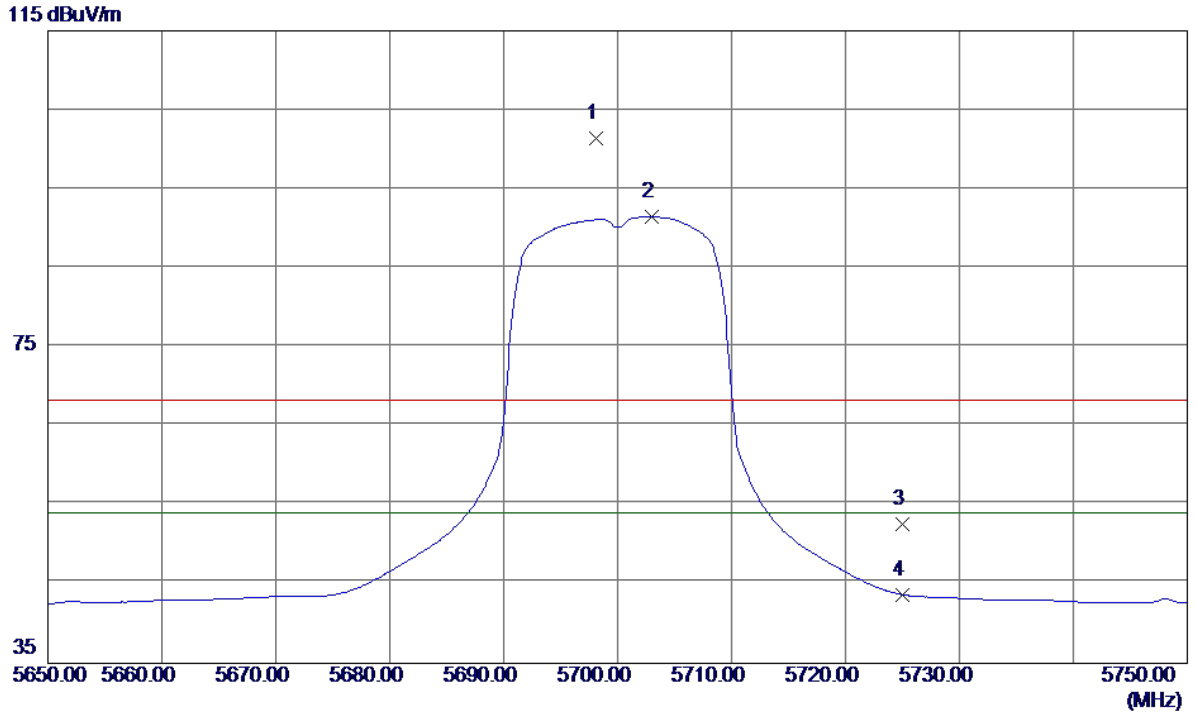
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.9800	40.05	15.57	55.62	68.30	-12.68	Peak	
2 *	11400.1000	27.97	15.57	43.54	54.00	-10.46	AVG	

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

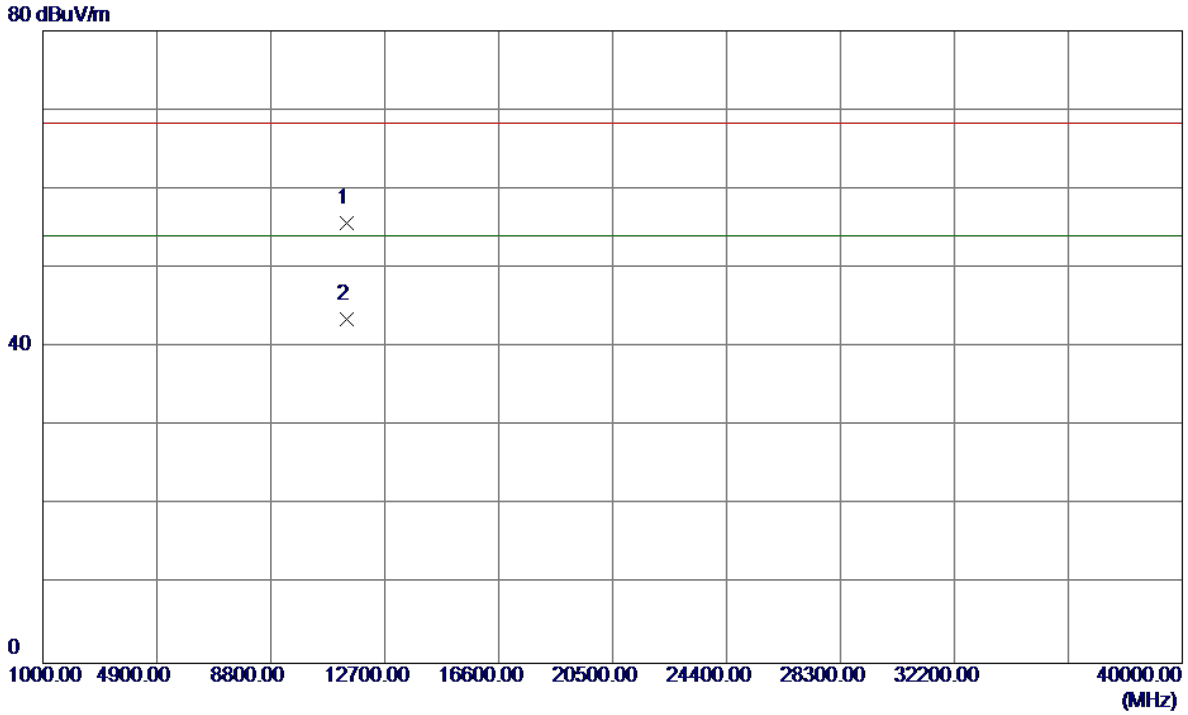
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5698.1000	58.90	42.49	101.39	68.30	33.09	Peak	No Limit
2 *	5703.0000	48.99	42.50	91.49	54.00	37.49	AVG	No Limit
3	5725.0000	10.07	42.58	52.65	68.30	-15.65	Peak	
4	5725.0000	1.08	42.58	43.66	54.00	-10.34	AVG	

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

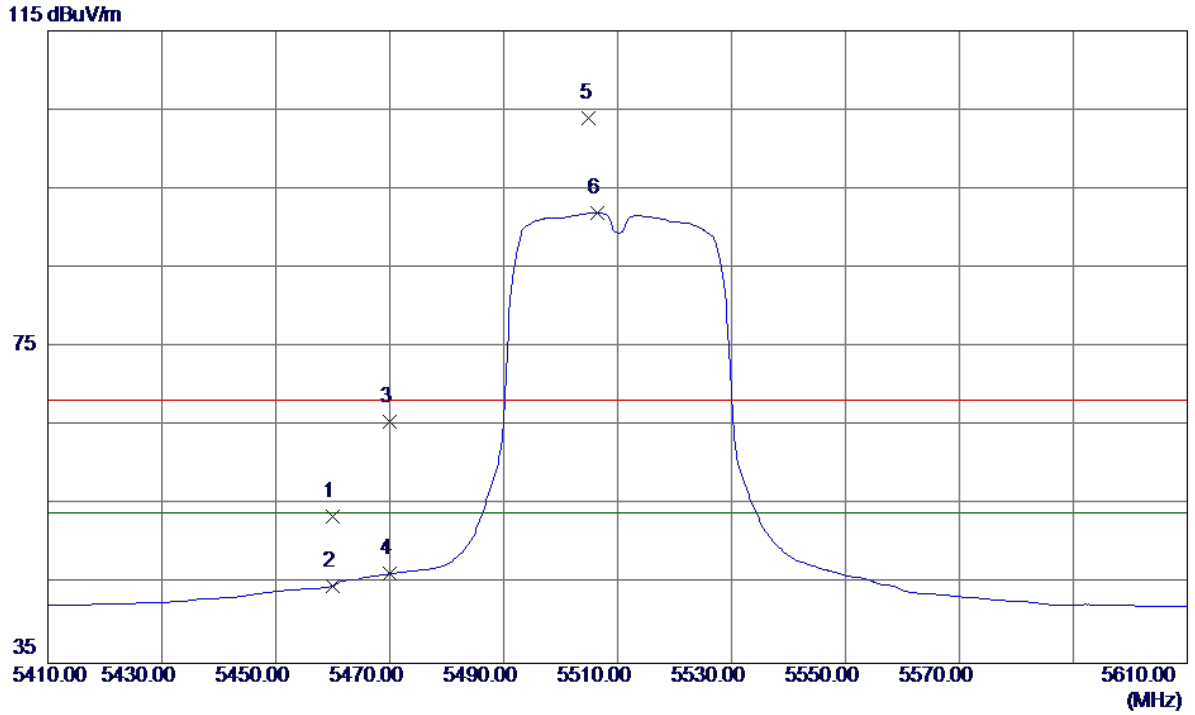
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.8099	40.09	15.57	55.66	68.30	-12.64	Peak	
2 *	11399.8700	27.99	15.57	43.56	54.00	-10.44	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

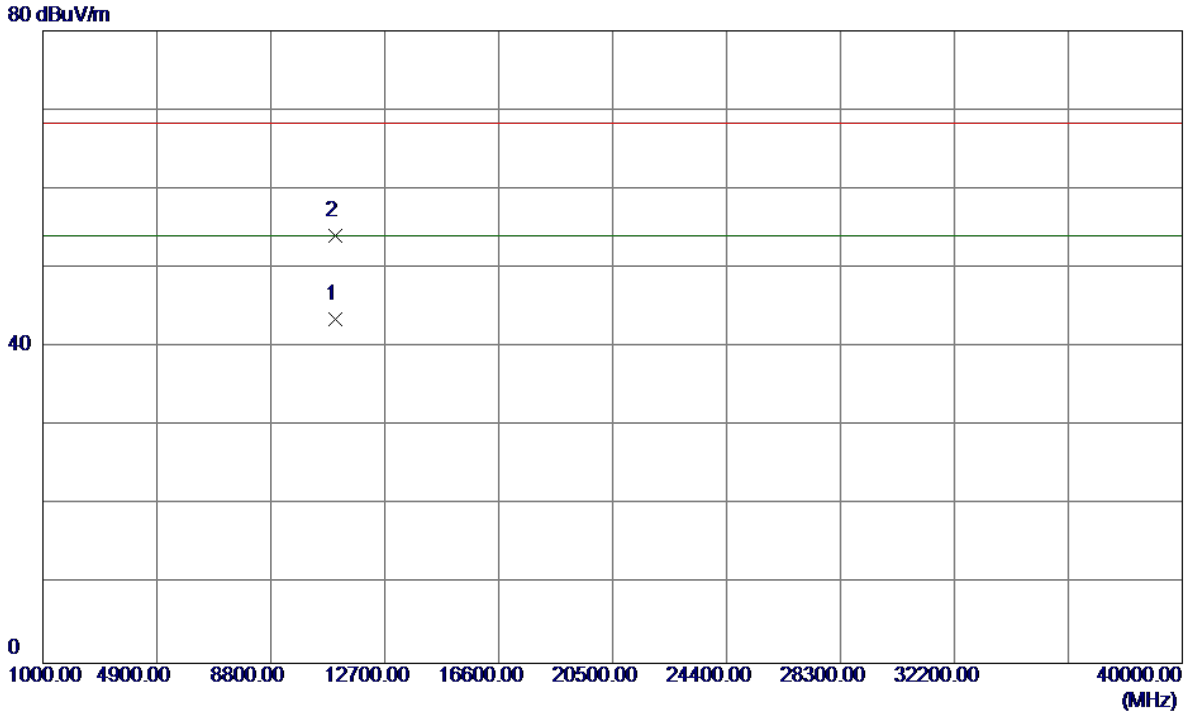
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	11.92	41.65	53.57	68.30	-14.73	Peak	
2	5460.0000	3.12	41.65	44.77	54.00	-9.23	AVG	
3	5470.0000	23.95	41.68	65.63	68.30	-2.67	Peak	
4	5470.0000	4.63	41.68	46.31	54.00	-7.69	AVG	
5	5505.0000	62.22	41.80	104.02	68.30	35.72	Peak	No Limit
6 *	5506.4000	50.17	41.80	91.97	54.00	37.97	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

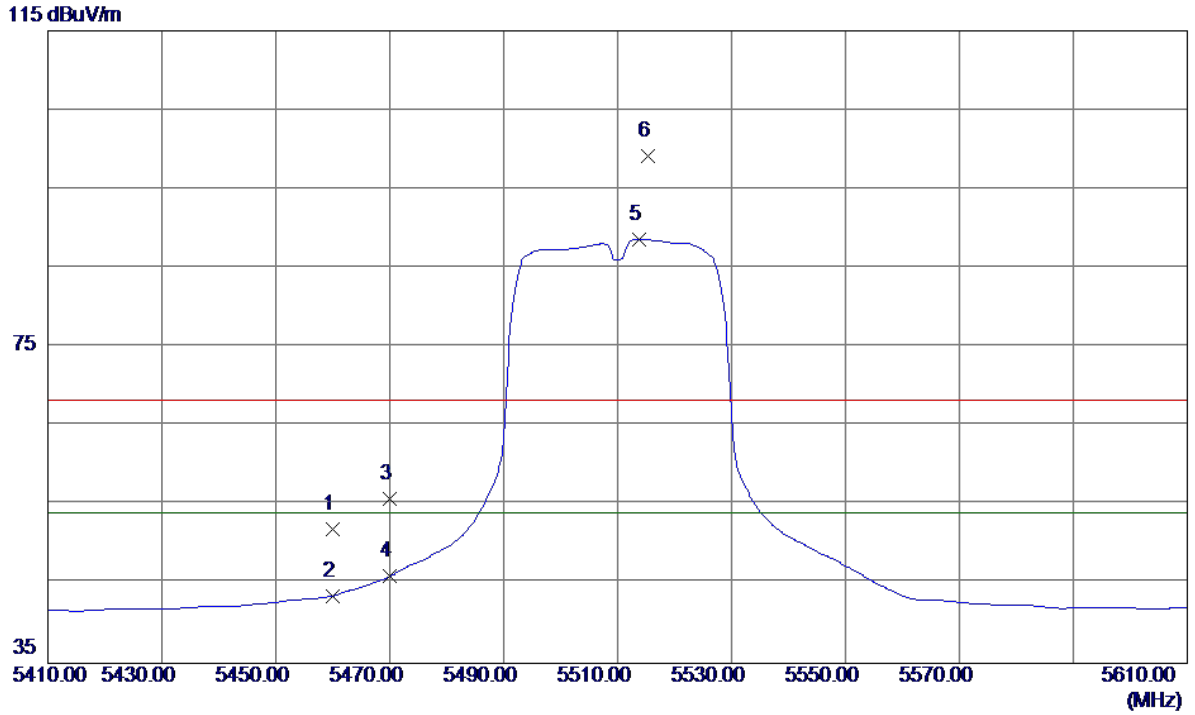
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11020.3400	27.54	15.91	43.45	54.00	-10.55	AVG	
2	11020.2600	38.23	15.91	54.14	68.30	-14.16	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

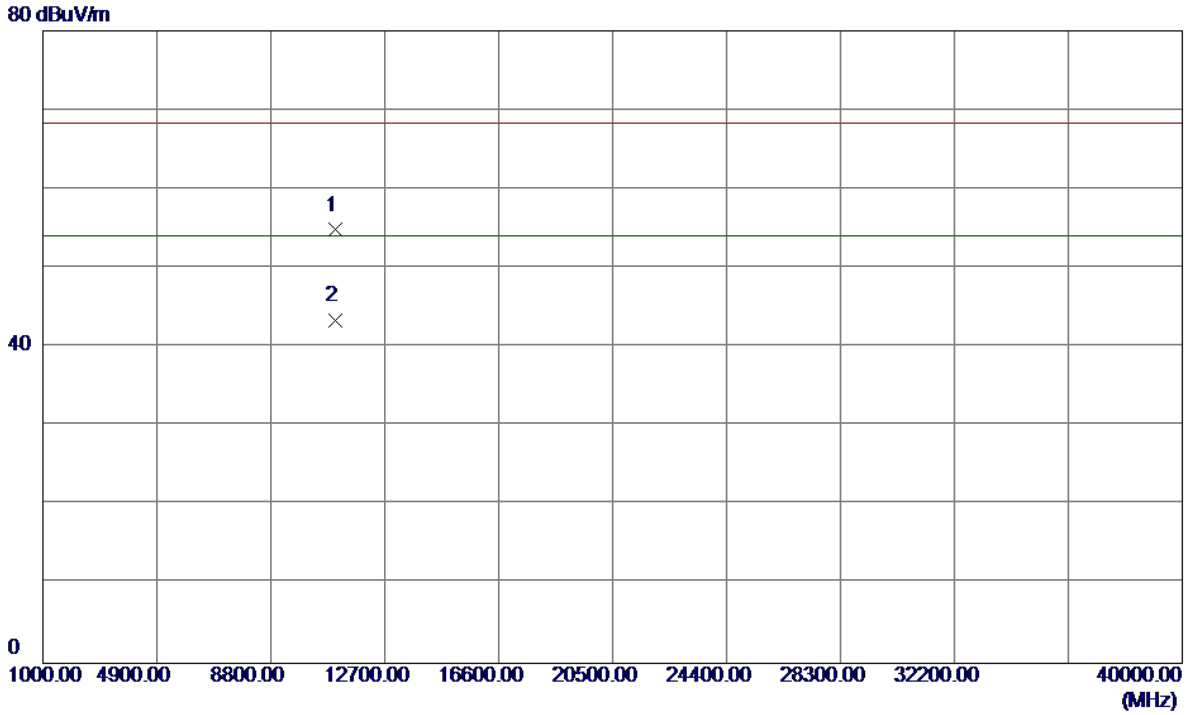
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	10.33	41.65	51.98	68.30	-16.32	Peak	
2	5460.0000	1.87	41.65	43.52	54.00	-10.48	AVG	
3	5470.0000	14.11	41.68	55.79	68.30	-12.51	Peak	
4	5470.0000	4.31	41.68	45.99	54.00	-8.01	AVG	
5 *	5513.8000	46.84	41.83	88.67	54.00	34.67	AVG	No Limit
6	5515.4000	57.33	41.83	99.16	68.30	30.86	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

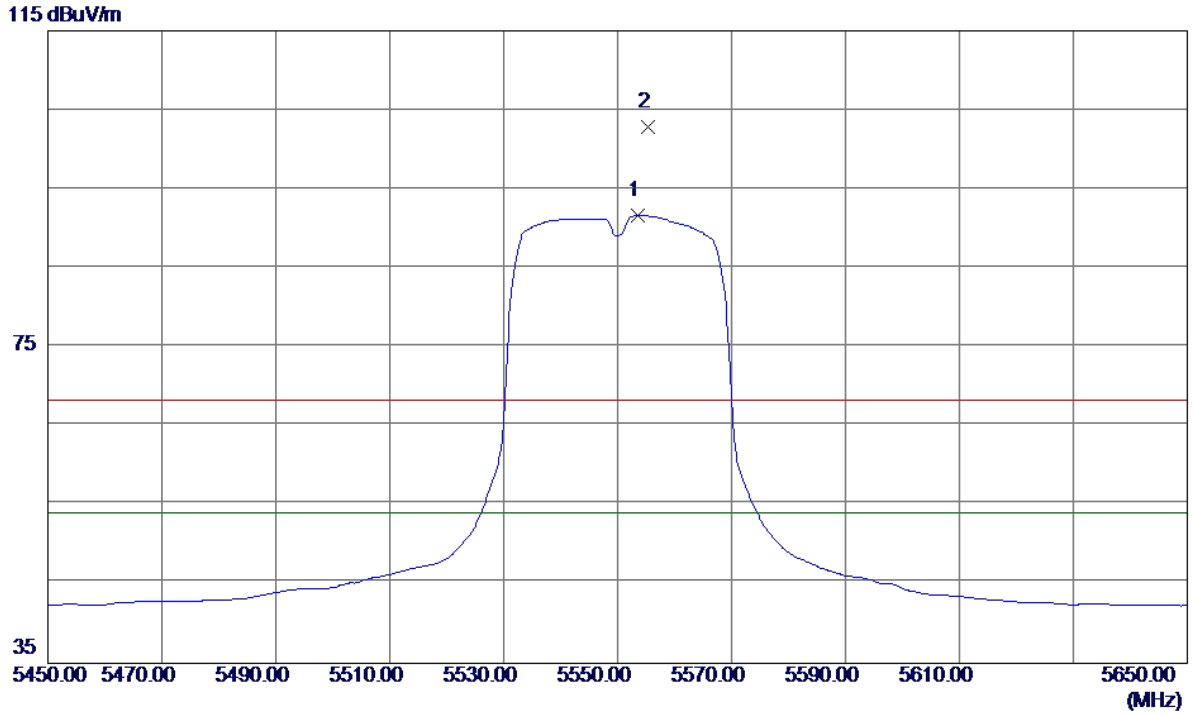
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11020.2100	38.89	15.91	54.80	68.30	-13.50	Peak	
2 *	11020.0900	27.44	15.91	43.35	54.00	-10.65	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

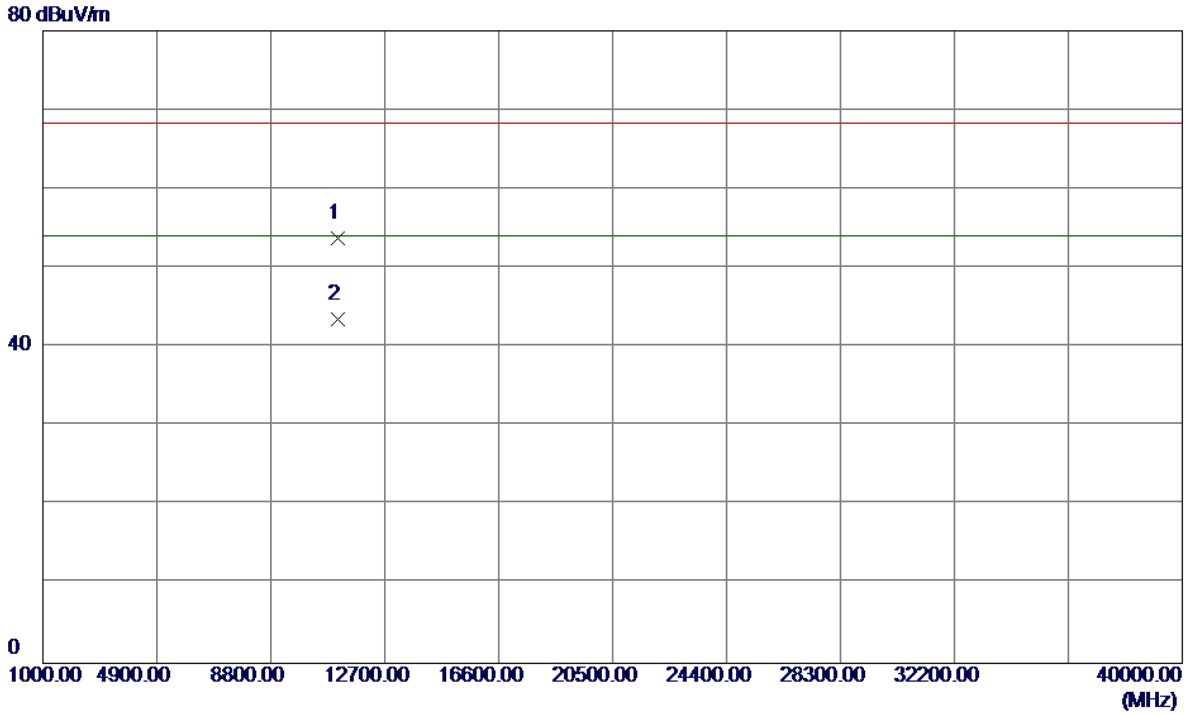
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5553.6000	49.68	41.97	91.65	54.00	37.65	AVG	No Limit
2	5555.4000	60.93	41.98	102.91	68.30	34.61	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

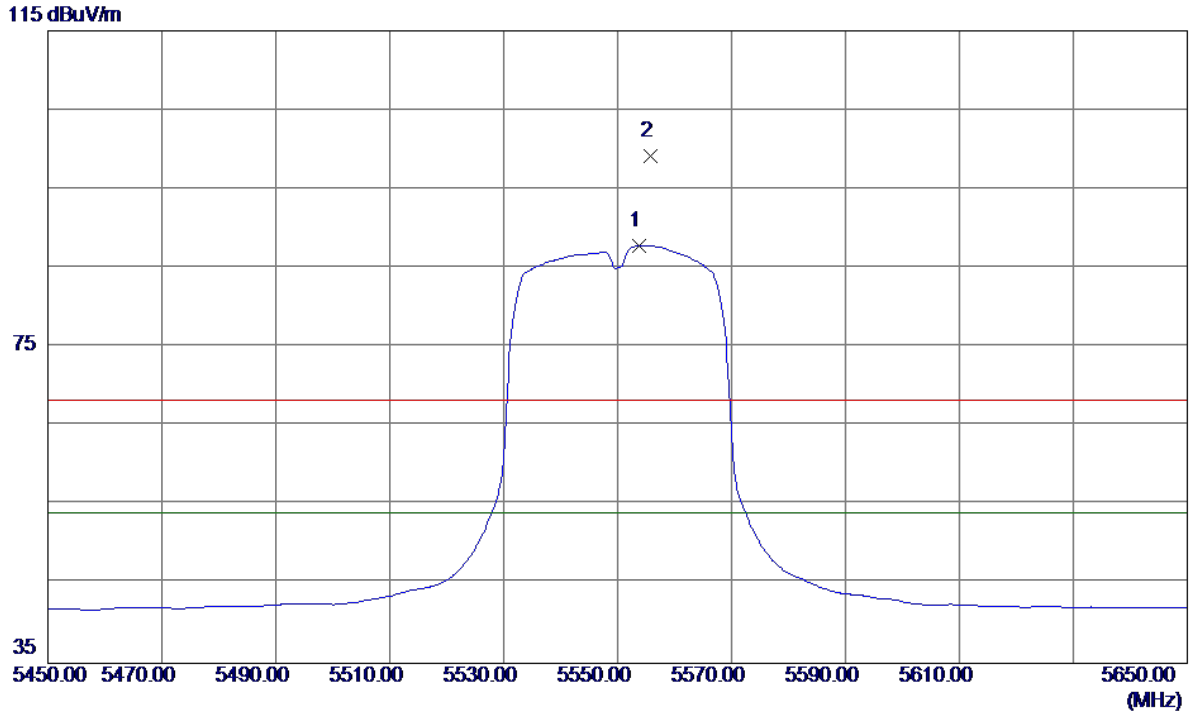
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11100.0199	37.90	15.84	53.74	68.30	-14.56	Peak	
2 *	11101.1100	27.63	15.84	43.47	54.00	-10.53	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

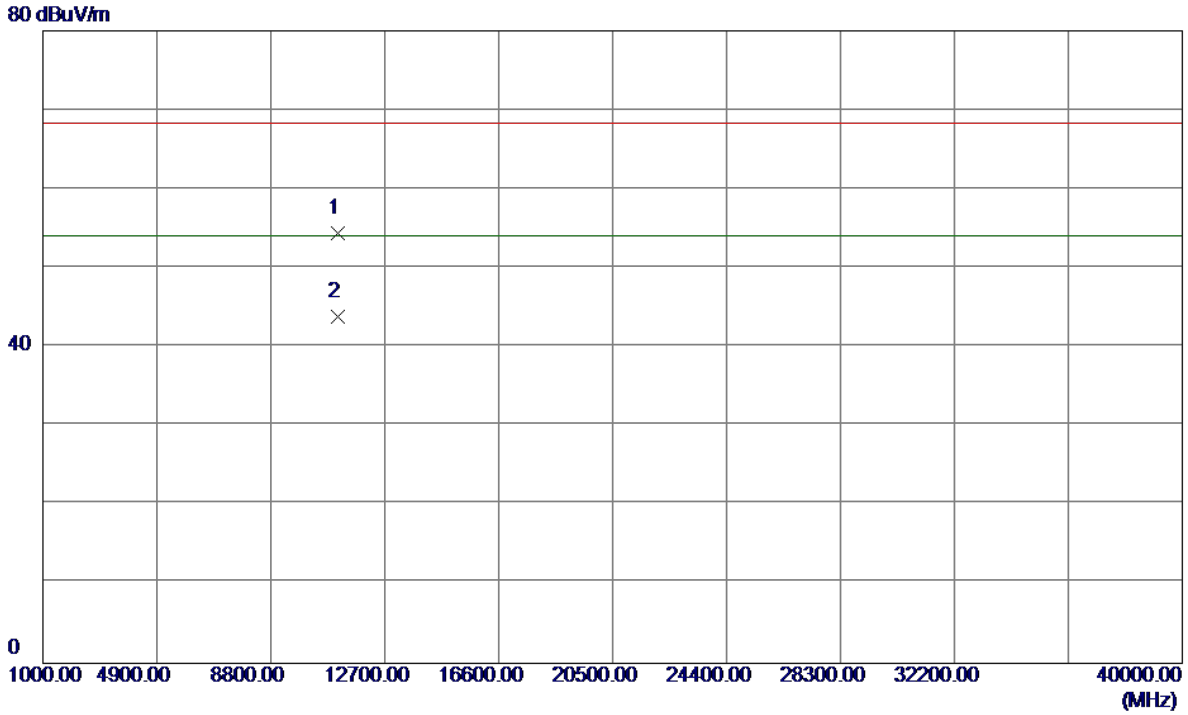
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5553.8000	45.85	41.97	87.82	54.00	33.82	AVG	No Limit
2	5555.8000	57.18	41.98	99.16	68.30	30.86	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

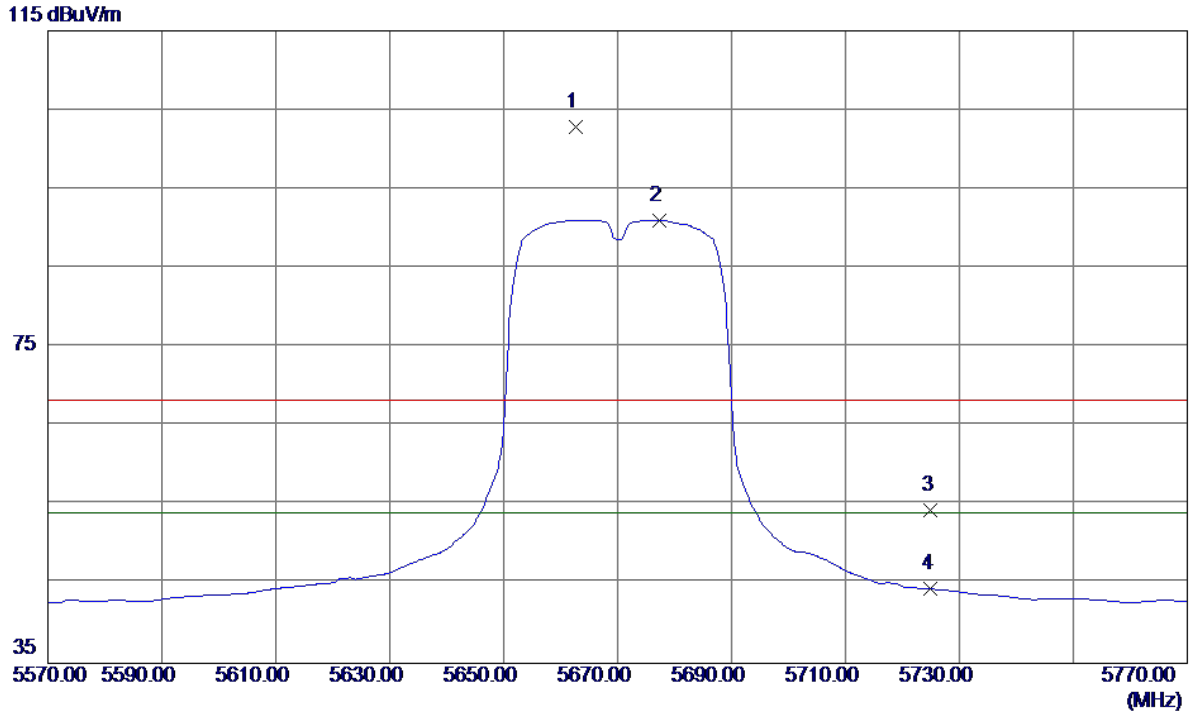
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11100.9900	38.55	15.84	54.39	68.30	-13.91	Peak	
2 *	11100.9700	27.99	15.84	43.83	54.00	-10.17	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

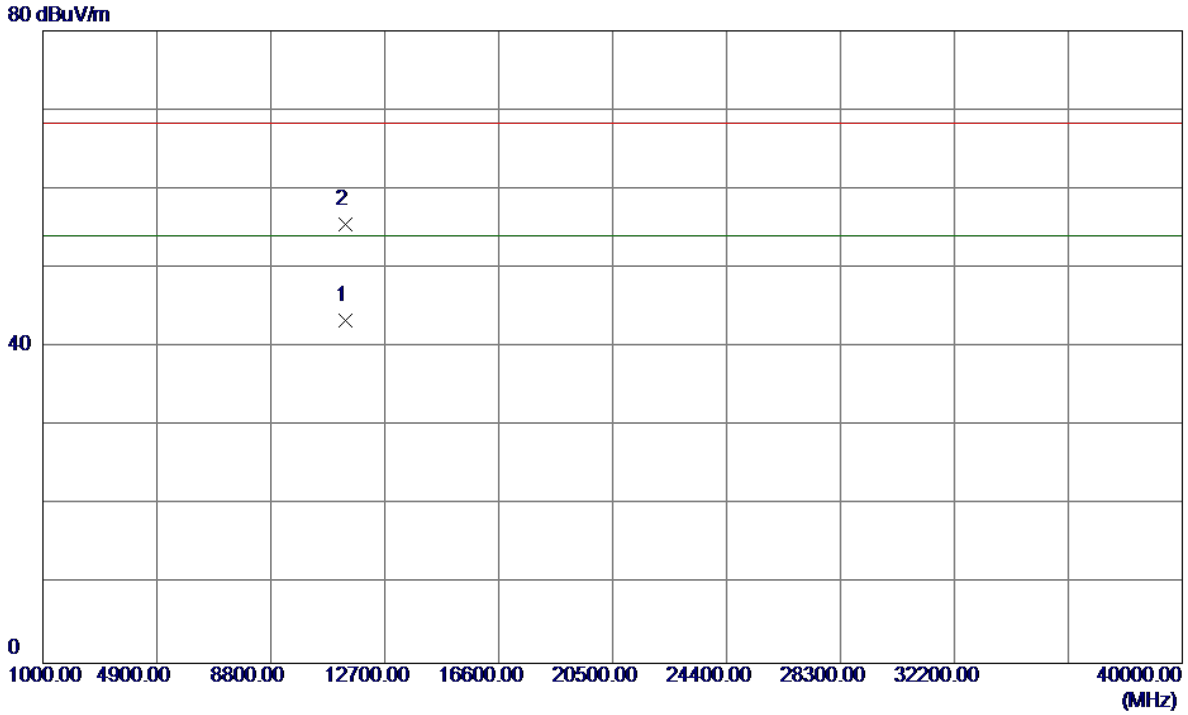
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5662.6000	60.46	42.36	102.82	68.30	34.52	Peak	No Limit
2 *	5677.4000	48.63	42.41	91.04	54.00	37.04	AVG	No Limit
3	5725.0000	11.83	42.58	54.41	68.30	-13.89	Peak	
4	5725.0000	1.81	42.58	44.39	54.00	-9.61	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

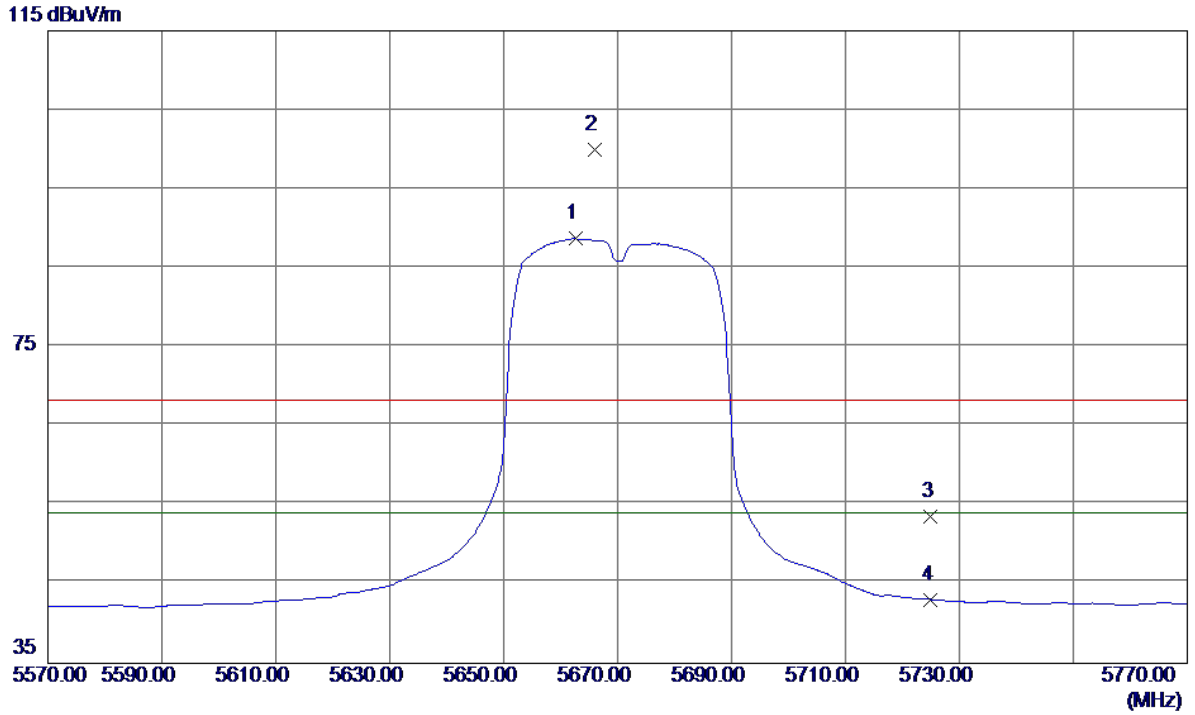
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11340.8700	27.80	15.62	43.42	54.00	-10.58	AVG	
2	11340.8200	39.97	15.62	55.59	68.30	-12.71	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

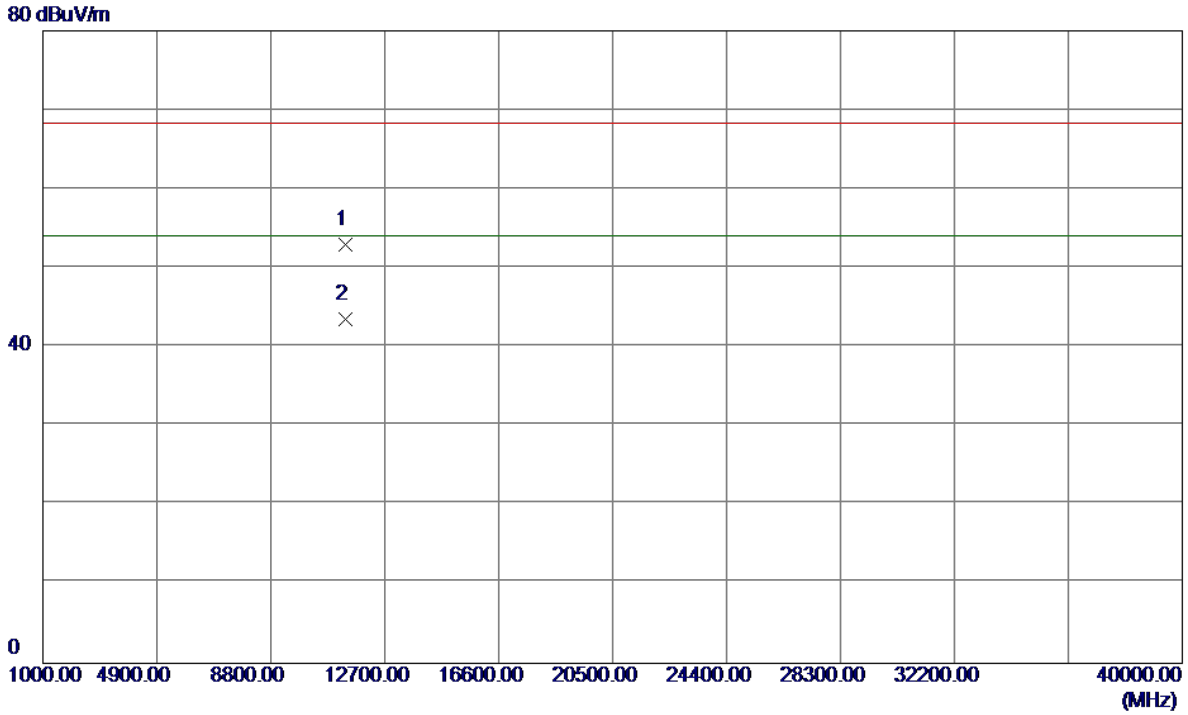
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5662.6000	46.33	42.36	88.69	54.00	34.69	AVG	No Limit
2	5666.0000	57.66	42.37	100.03	68.30	31.73	Peak	No Limit
3	5725.0000	10.99	42.58	53.57	68.30	-14.73	Peak	
4	5725.0000	0.49	42.58	43.07	54.00	-10.93	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

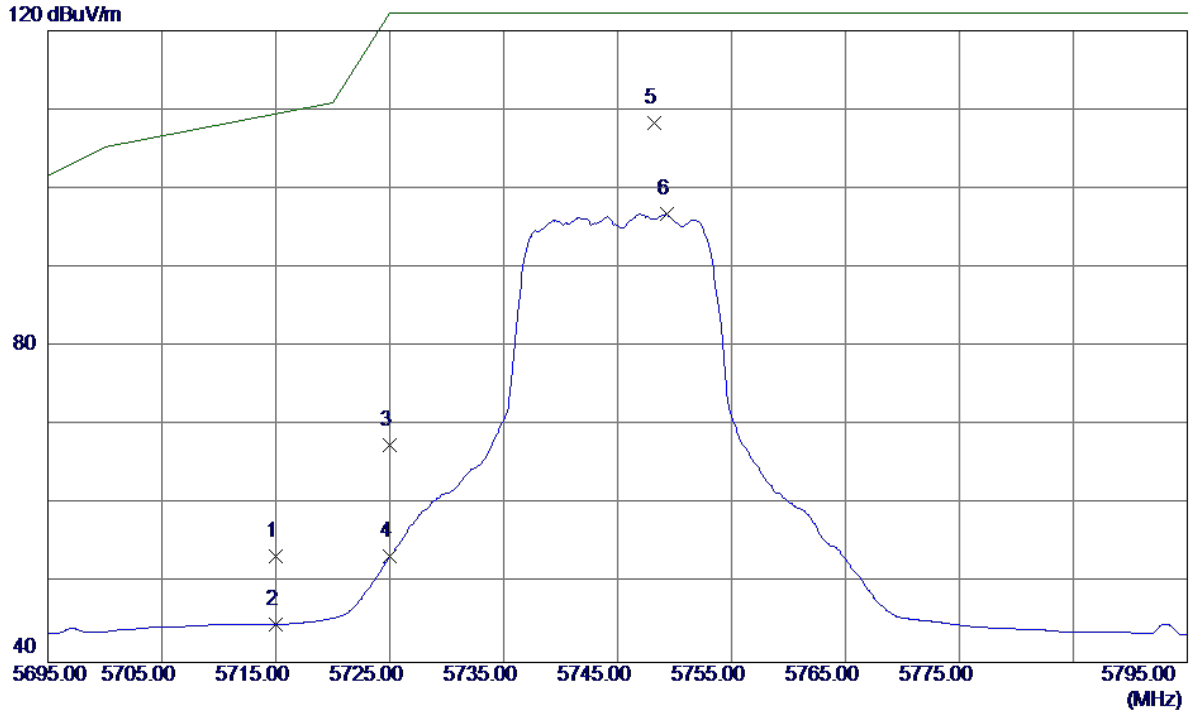
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11339.5900	37.36	15.62	52.98	68.30	-15.32	Peak	
2 *	11340.8300	27.85	15.62	43.47	54.00	-10.53	AVG	

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

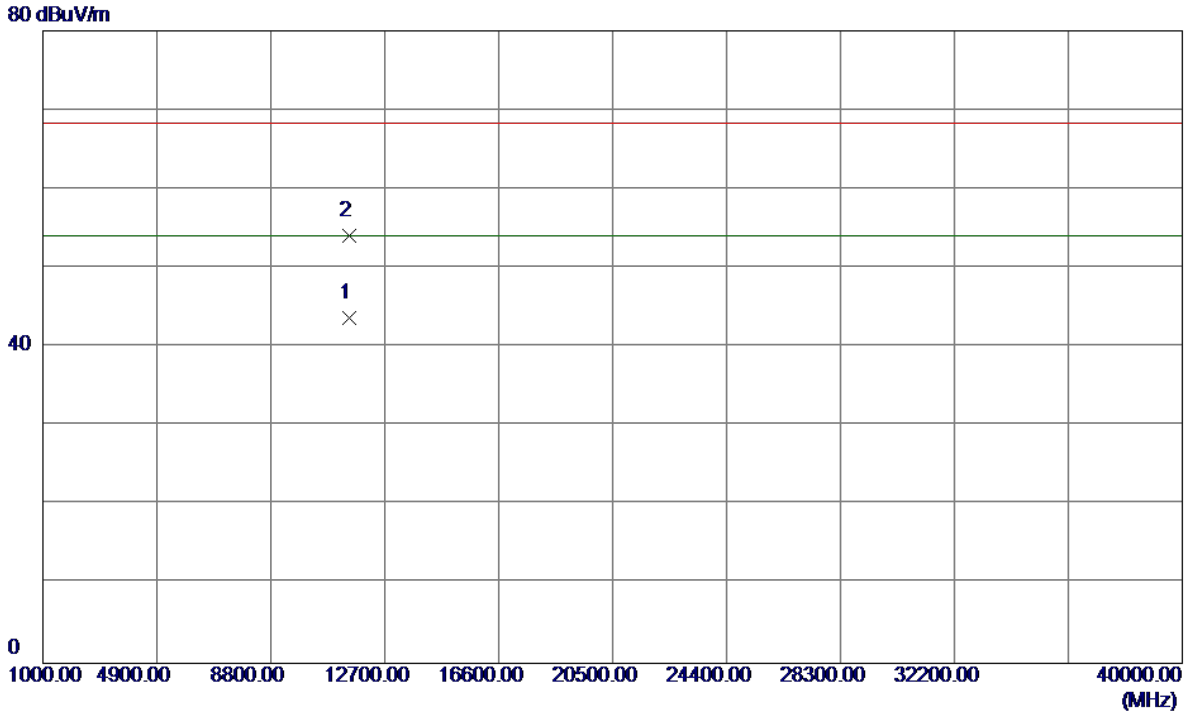
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.93	42.55	53.48	109.50	-56.02	Peak	
2	5715.0000	2.28	42.55	44.83	109.50	-64.67	AVG	
3	5725.0000	24.97	42.58	67.55	122.30	-54.75	Peak	
4	5725.0000	10.88	42.58	53.46	122.30	-68.84	AVG	
5 *	5748.2000	65.71	42.66	108.37	122.30	-13.93	Peak	
6	5749.3000	54.15	42.67	96.82	122.30	-25.48	AVG	

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

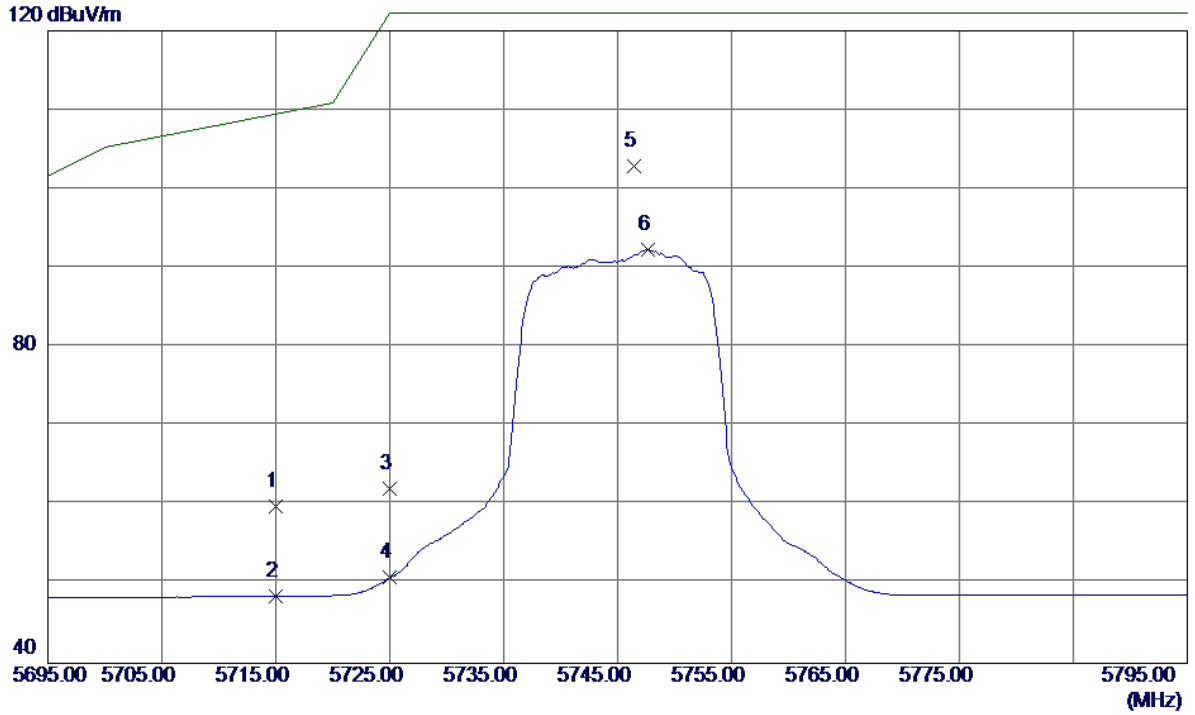
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4200	28.21	15.49	43.70	54.00	-10.30	AVG	
2	11490.1300	38.66	15.49	54.15	68.30	-14.15	Peak	

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

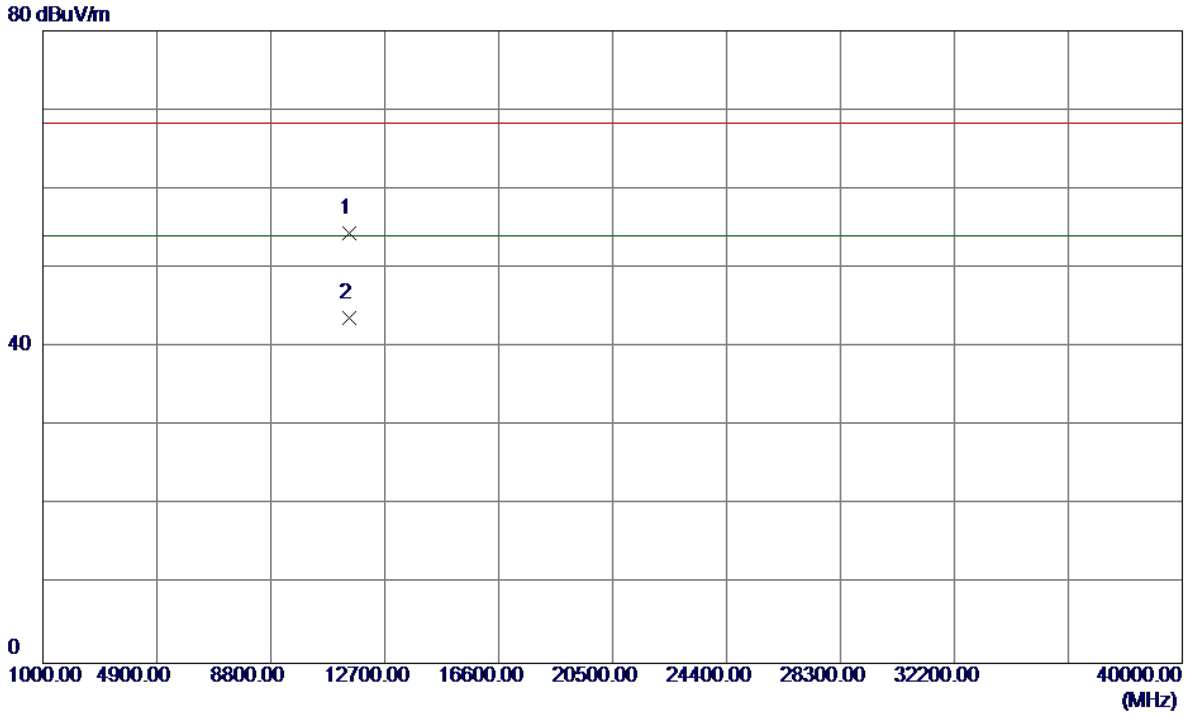
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	17.36	42.55	59.91	109.50	-49.59	Peak	
2	5715.0000	5.86	42.55	48.41	109.50	-61.09	AVG	
3	5725.0000	19.47	42.58	62.05	122.30	-60.25	Peak	
4	5725.0000	8.25	42.58	50.83	122.30	-71.47	AVG	
5 *	5746.4000	60.26	42.66	102.92	122.30	-19.38	Peak	
6	5747.7000	49.67	42.66	92.33	122.30	-29.97	AVG	

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

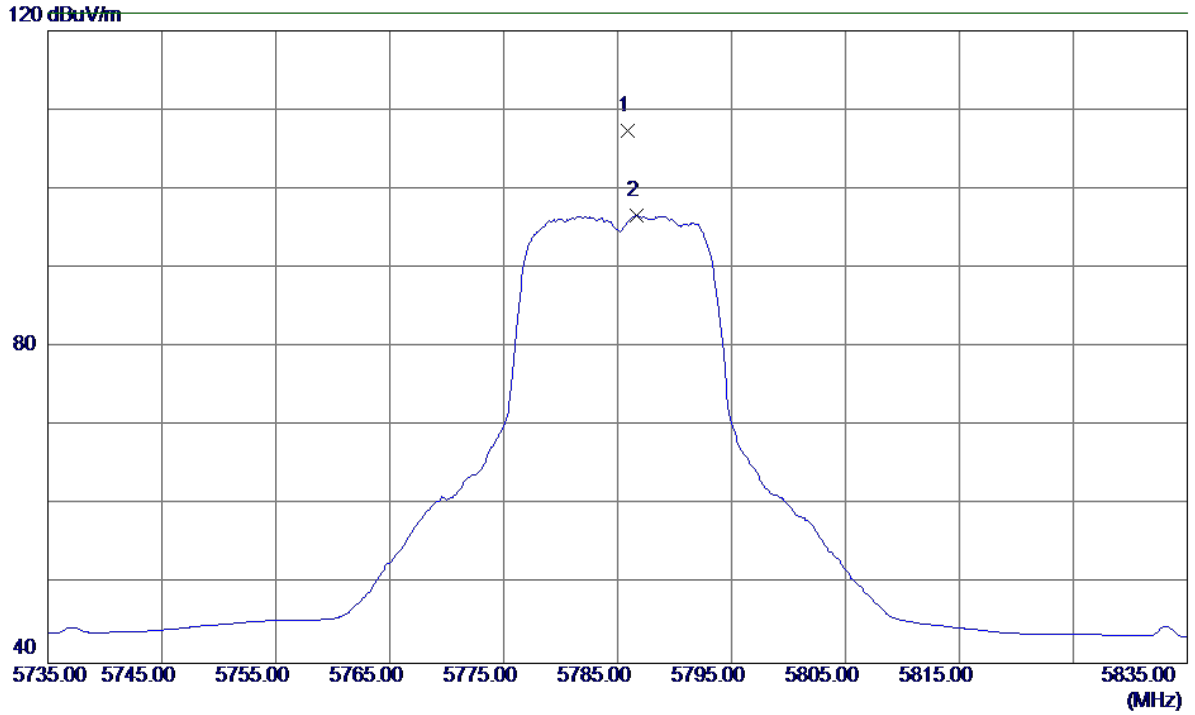
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.8600	38.95	15.49	54.44	68.30	-13.86	Peak	
2 *	11489.9000	28.24	15.49	43.73	54.00	-10.27	AVG	

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

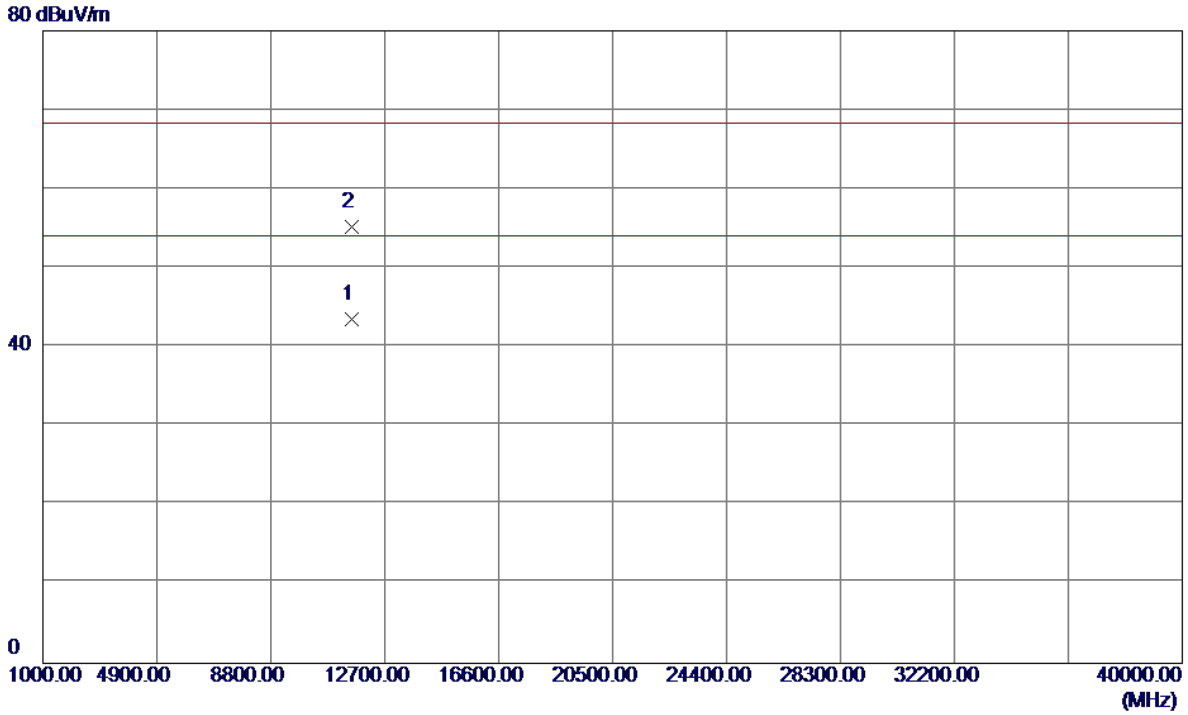
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5785.9000	64.59	42.80	107.39	122.30	-14.91	Peak	
2	5786.7000	53.90	42.80	96.70	122.30	-25.60	AVG	

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

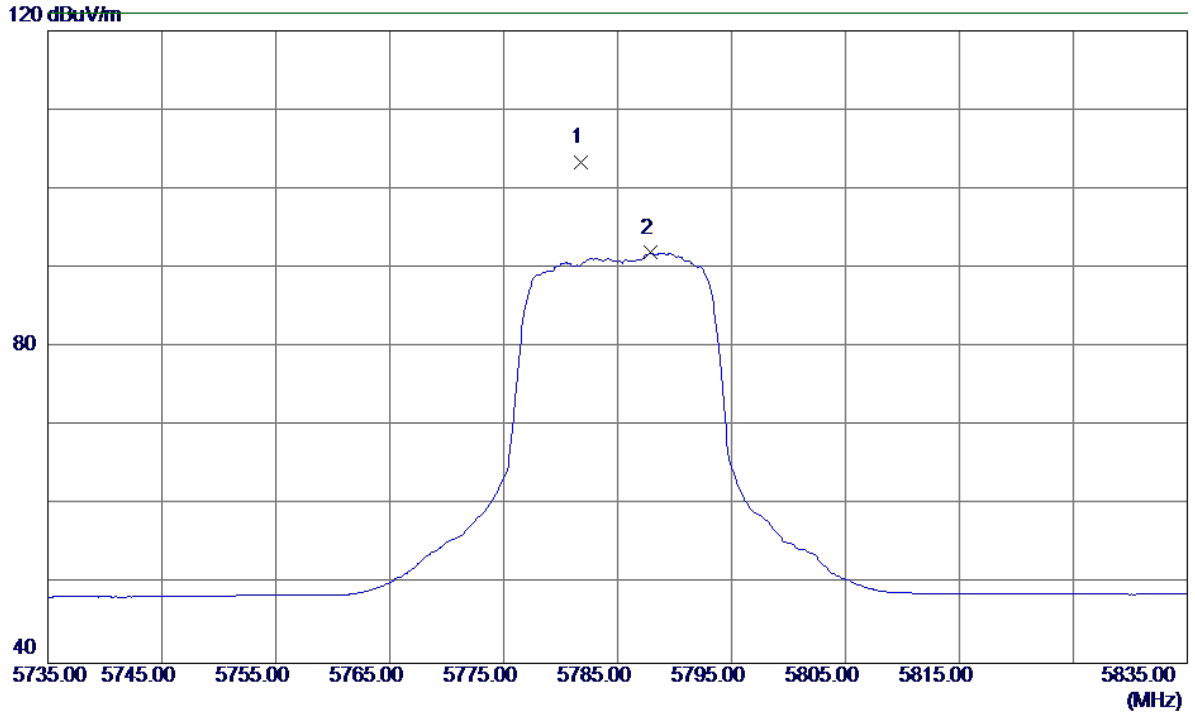
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.8600	28.06	15.48	43.54	54.00	-10.46	AVG	
2	11570.0900	39.74	15.48	55.22	68.30	-13.08	Peak	

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

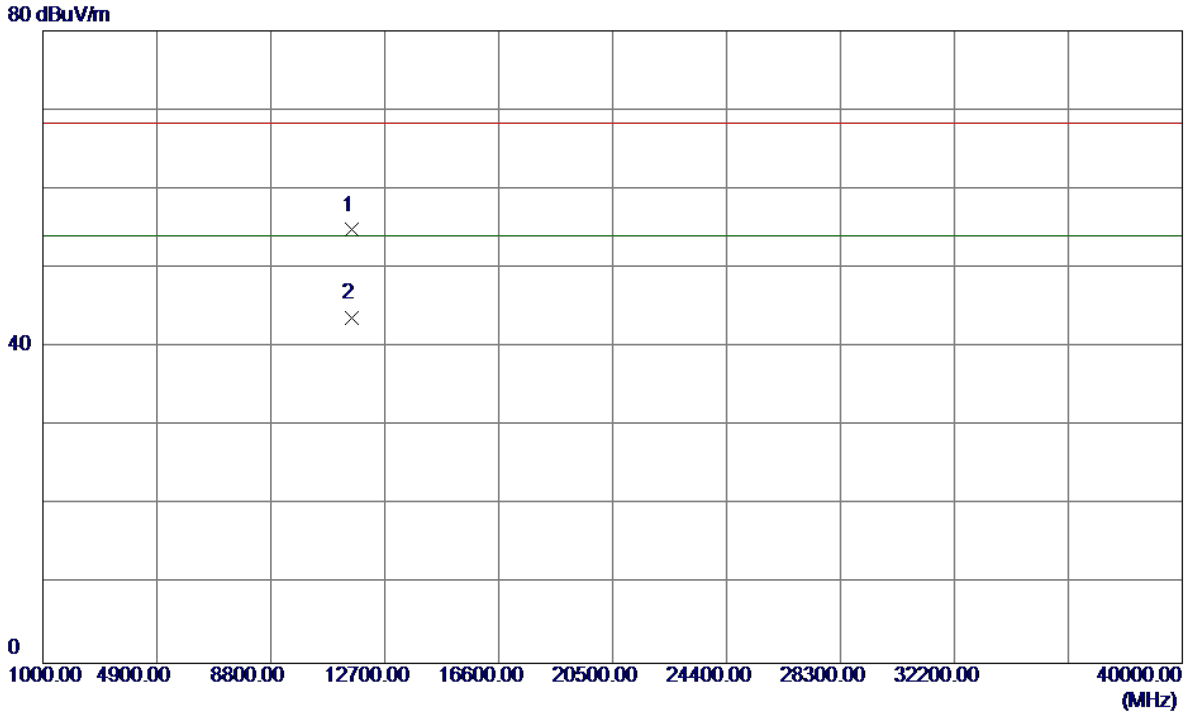
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5781.8000	60.52	42.78	103.30	122.30	-19.00	Peak	
2	5787.9000	49.12	42.80	91.92	122.30	-30.38	AVG	

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

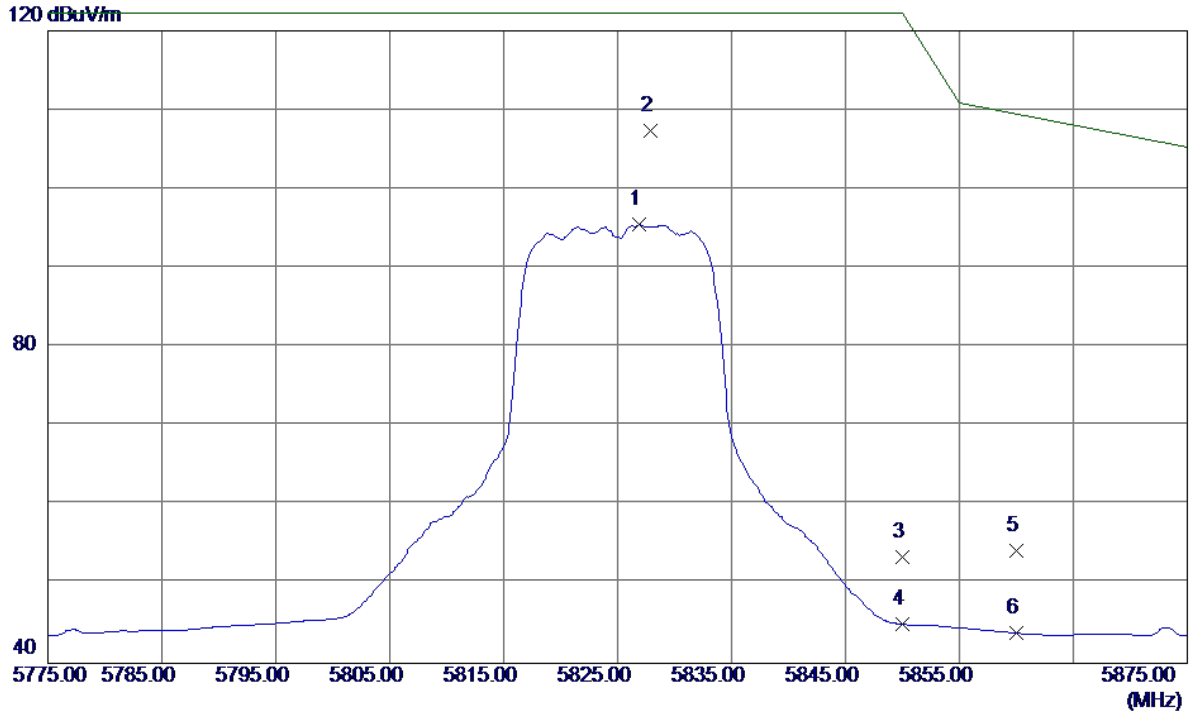
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.7699	39.32	15.48	54.80	68.30	-13.50	Peak	
2 *	11570.2200	28.26	15.48	43.74	54.00	-10.26	AVG	

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

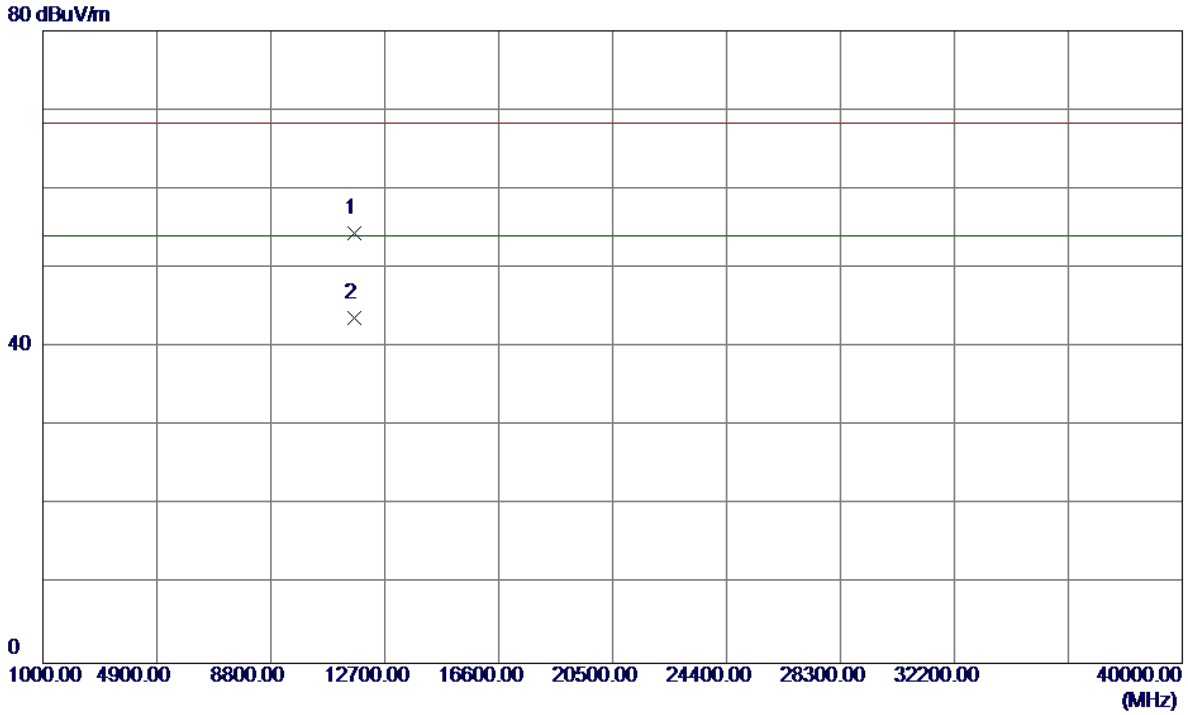
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5826.9000	52.60	42.94	95.54	122.30	-26.76	AVG	
2 *	5827.9000	64.40	42.95	107.35	122.30	-14.95	Peak	
3	5850.0000	10.37	43.03	53.40	122.30	-68.90	Peak	
4	5850.0000	1.87	43.03	44.90	122.30	-77.40	AVG	
5	5860.0000	11.19	43.06	54.25	109.50	-55.25	Peak	
6	5860.0000	0.75	43.06	43.81	109.50	-65.69	AVG	

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

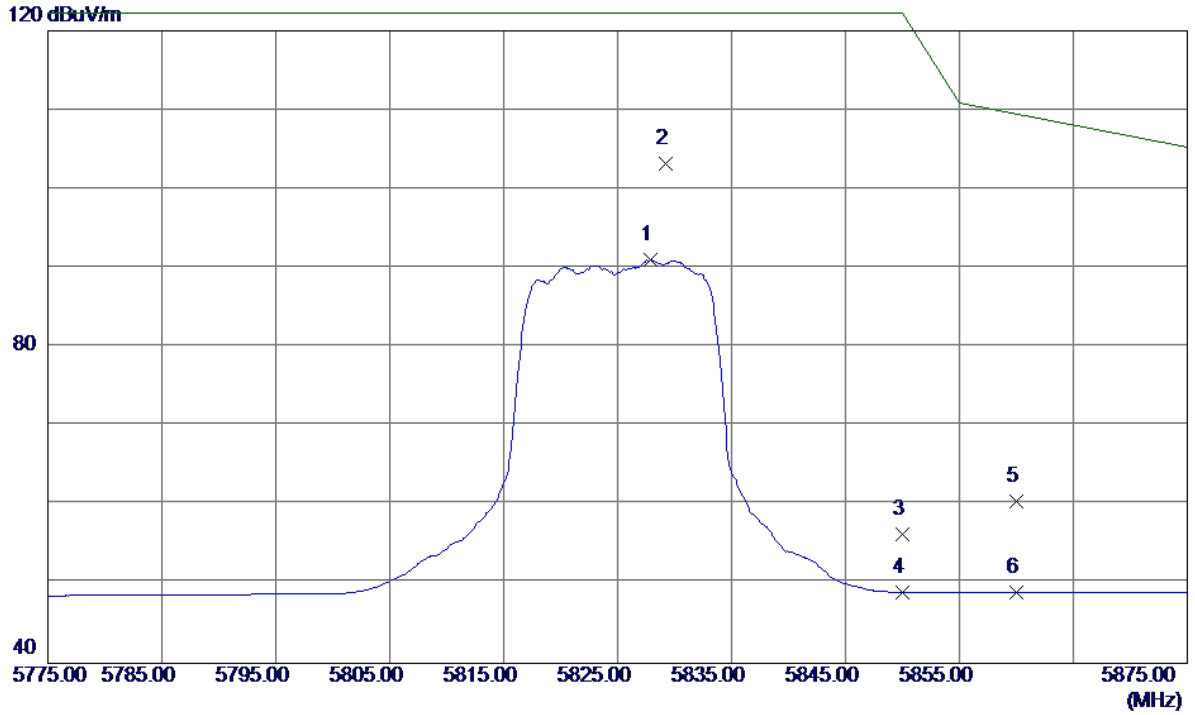
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.3099	38.94	15.48	54.42	68.30	-13.88	Peak	
2 *	11650.1100	28.21	15.48	43.69	54.00	-10.31	AVG	

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

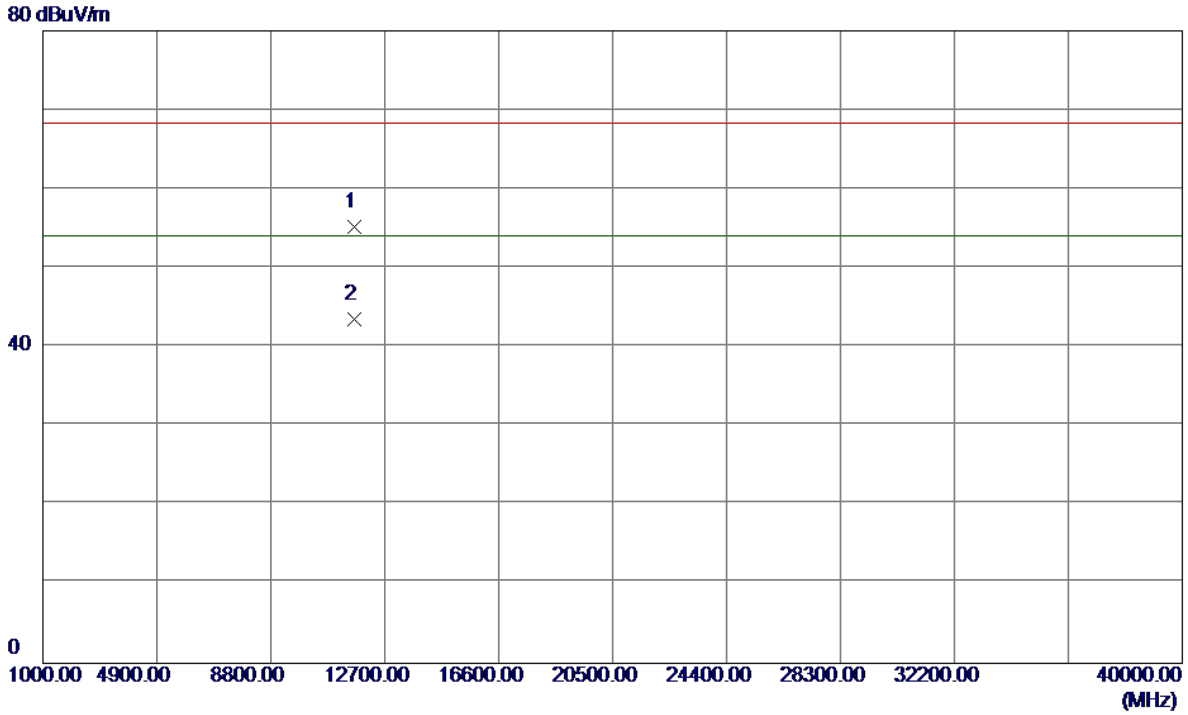
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5827.9000	48.15	42.95	91.10	122.30	-31.20	AVG	
2 *	5829.2000	60.28	42.95	103.23	122.30	-19.07	Peak	
3	5850.0000	13.27	43.03	56.30	122.30	-66.00	Peak	
4	5850.0000	5.96	43.03	48.99	122.30	-73.31	AVG	
5	5860.0000	17.45	43.06	60.51	109.50	-48.99	Peak	
6	5860.0000	5.84	43.06	48.90	109.50	-60.60	AVG	

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

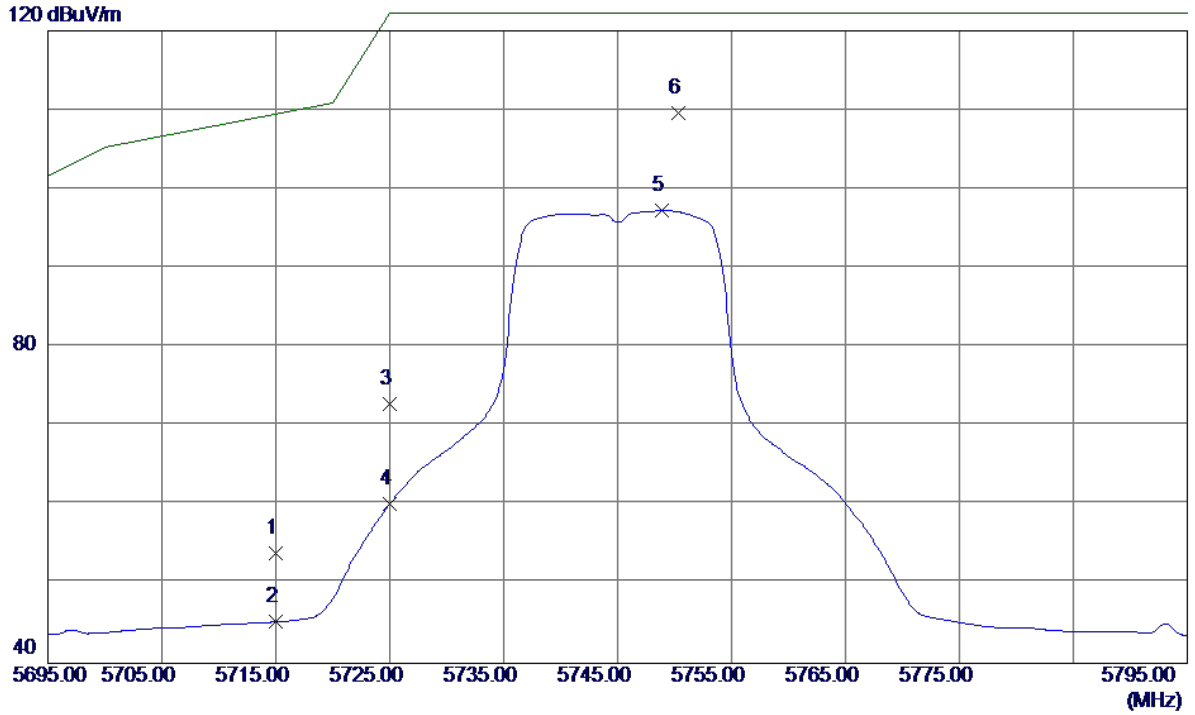
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.8600	39.71	15.48	55.19	68.30	-13.11	Peak	
2 *	11649.8600	28.04	15.48	43.52	54.00	-10.48	AVG	

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

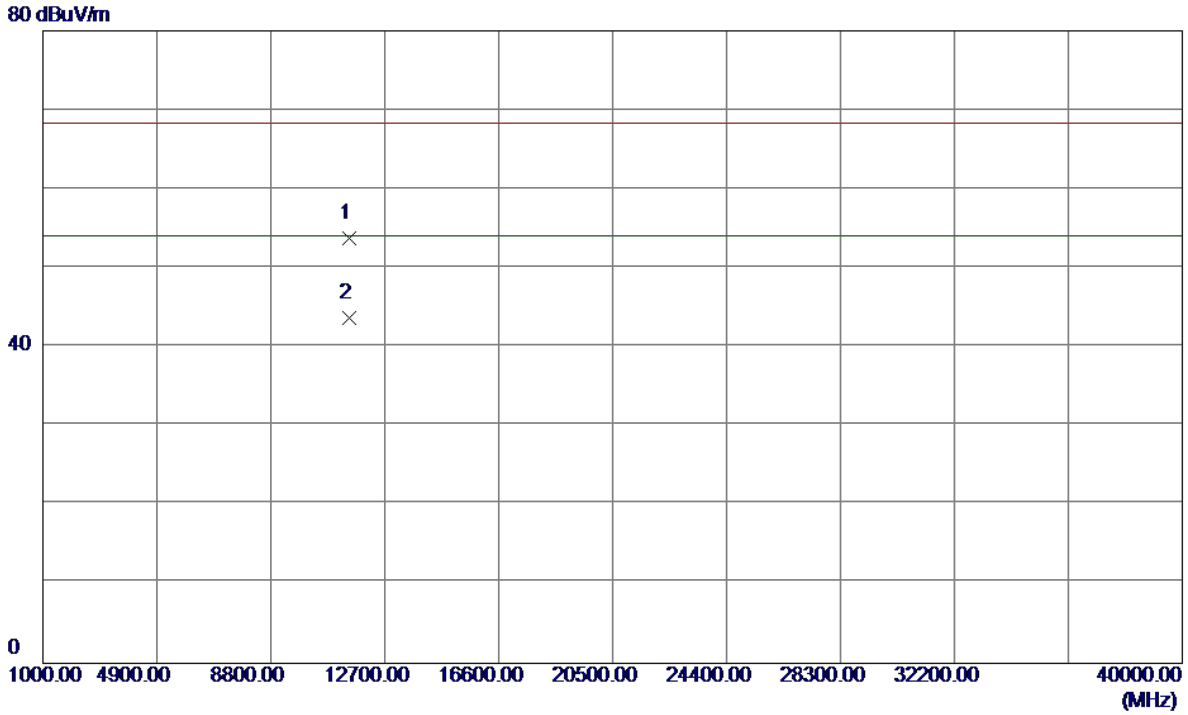
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	11.40	42.55	53.95	109.50	-55.55	Peak	
2	5715.0000	2.69	42.55	45.24	109.50	-64.26	AVG	
3	5725.0000	30.22	42.58	72.80	122.30	-49.50	Peak	
4	5725.0000	17.58	42.58	60.16	122.30	-62.14	AVG	
5	5748.9000	54.58	42.67	97.25	122.30	-25.05	AVG	
6 *	5750.3000	66.98	42.67	109.65	122.30	-12.65	Peak	

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

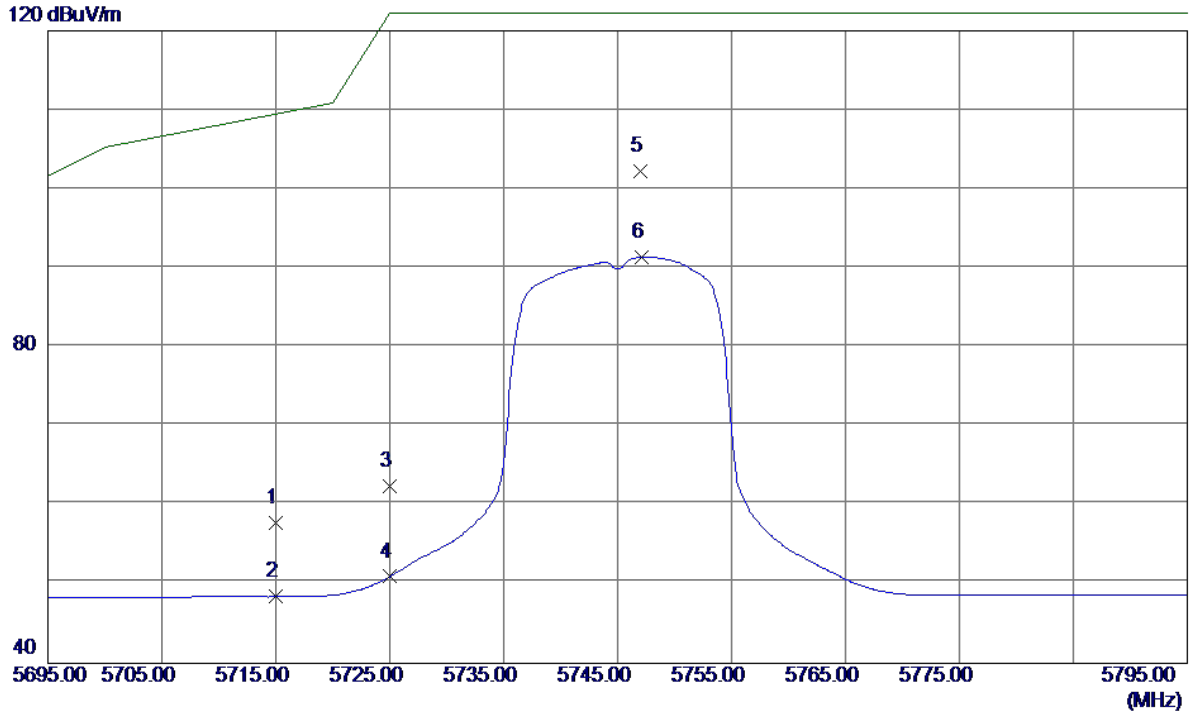
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.0100	38.26	15.49	53.75	68.30	-14.55	Peak	
2 *	11490.1100	28.21	15.49	43.70	54.00	-10.30	AVG	

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

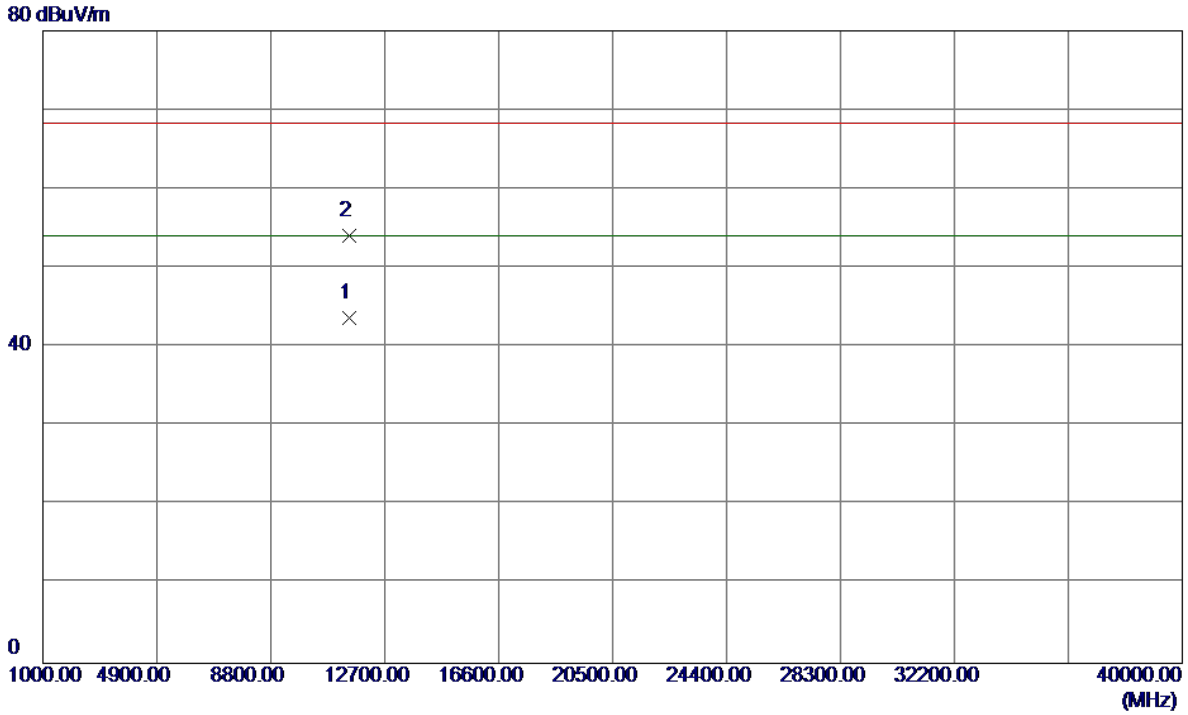
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	15.18	42.55	57.73	109.50	-51.77	Peak	
2	5715.0000	5.86	42.55	48.41	109.50	-61.09	AVG	
3	5725.0000	19.89	42.58	62.47	122.30	-59.83	Peak	
4	5725.0000	8.38	42.58	50.96	122.30	-71.34	AVG	
5 *	5747.0000	59.53	42.66	102.19	122.30	-20.11	Peak	
6	5747.1000	48.66	42.66	91.32	122.30	-30.98	AVG	

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

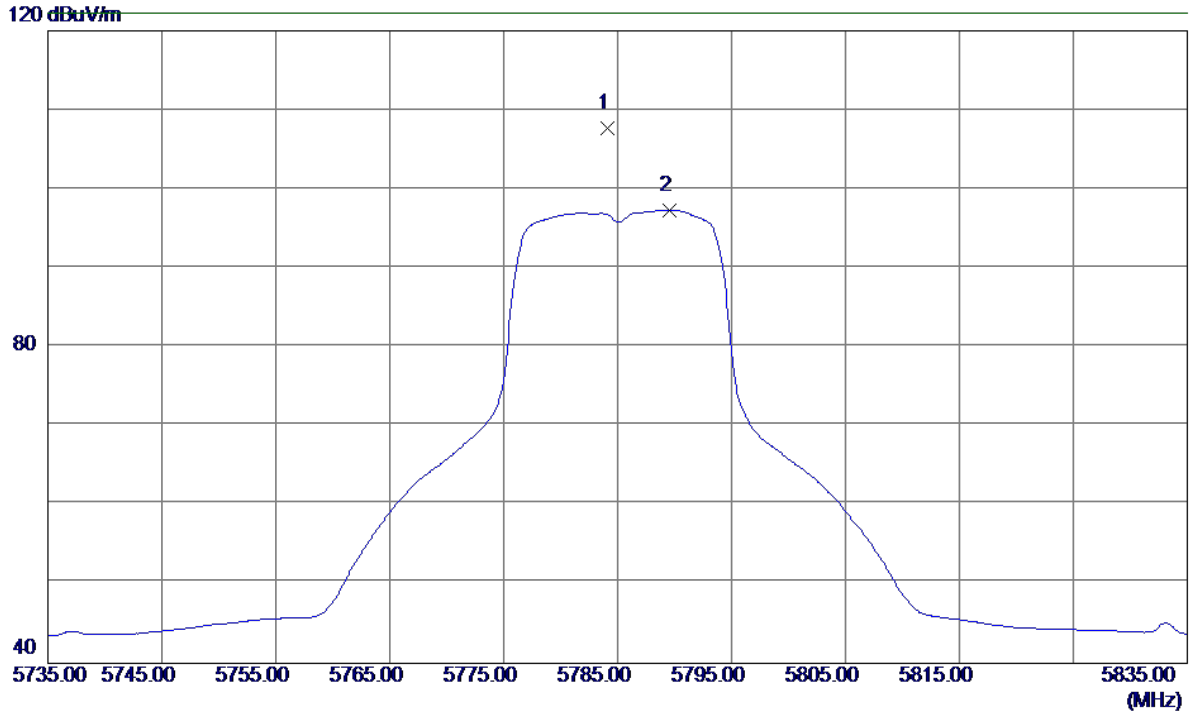
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.1000	28.24	15.49	43.73	54.00	-10.27	AVG	
2	11490.1300	38.59	15.49	54.08	68.30	-14.22	Peak	

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

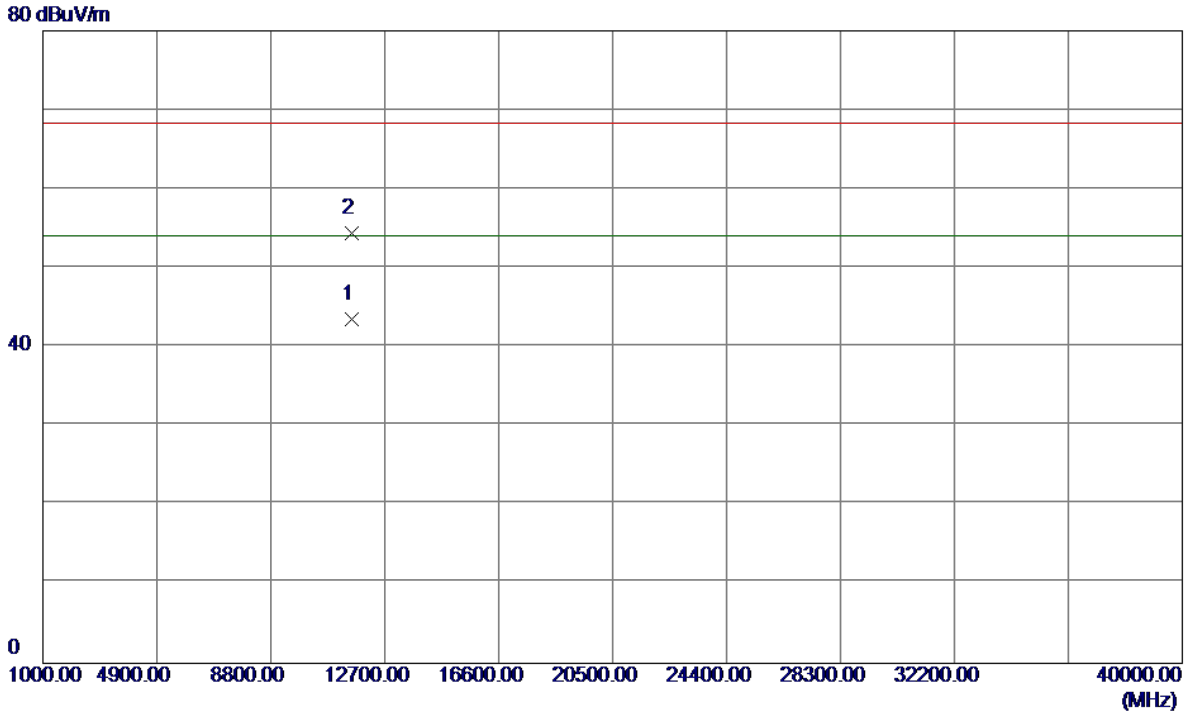
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5784.1000	64.86	42.79	107.65	122.30	-14.65	Peak	
2	5789.6000	54.47	42.81	97.28	122.30	-25.02	AVG	

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

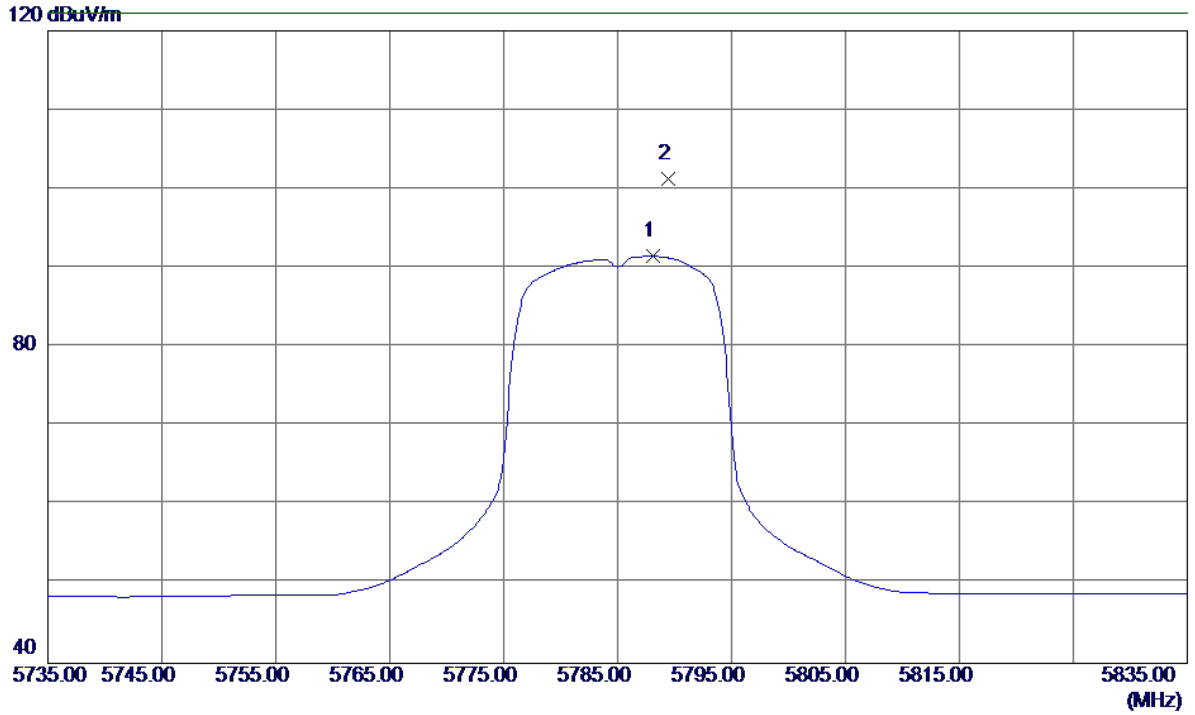
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.9300	28.03	15.48	43.51	54.00	-10.49	AVG	
2	11570.0400	38.97	15.48	54.45	68.30	-13.85	Peak	

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

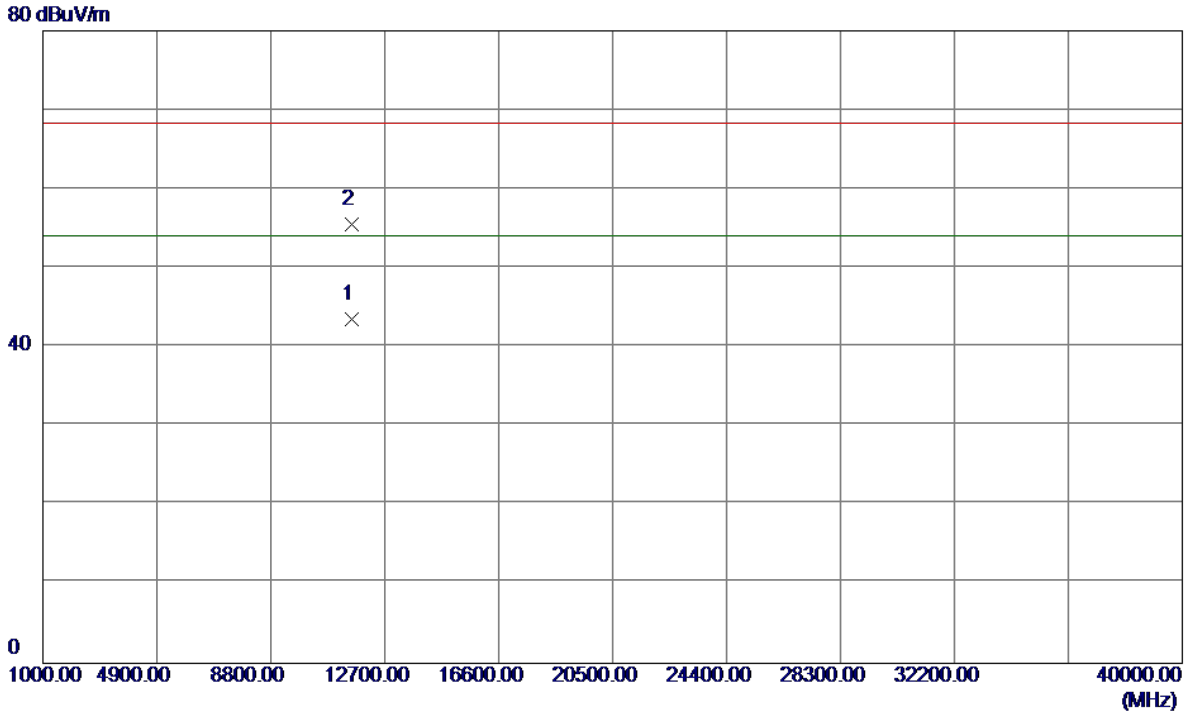
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5788.1000	48.67	42.81	91.48	122.30	-30.82	AVG	
2 *	5789.4000	58.40	42.81	101.21	122.30	-21.09	Peak	

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

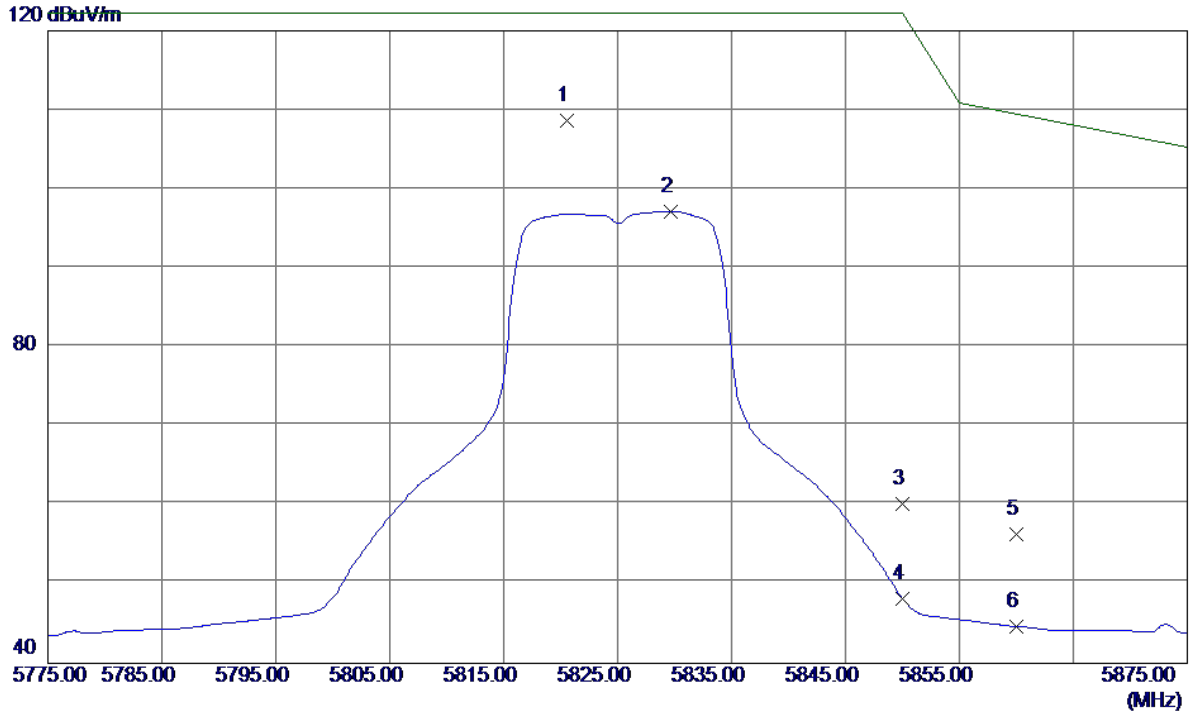
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.1200	28.10	15.48	43.58	54.00	-10.42	AVG	
2	11570.2100	40.05	15.48	55.53	68.30	-12.77	Peak	

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

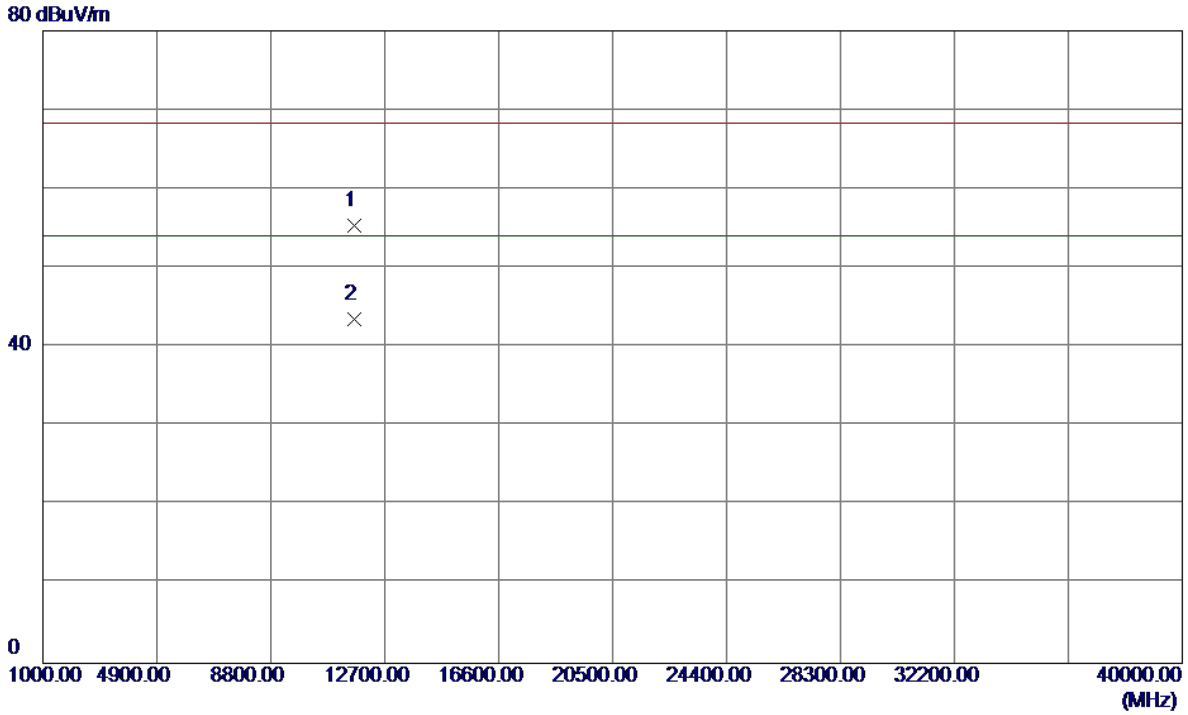
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.6000	65.74	42.92	108.66	122.30	-13.64	Peak	
2	5829.7000	54.19	42.95	97.14	122.30	-25.16	AVG	
3	5850.0000	17.08	43.03	60.11	122.30	-62.19	Peak	
4	5850.0000	5.20	43.03	48.23	122.30	-74.07	AVG	
5	5860.0000	13.25	43.06	56.31	109.50	-53.19	Peak	
6	5860.0000	1.59	43.06	44.65	109.50	-64.85	AVG	

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

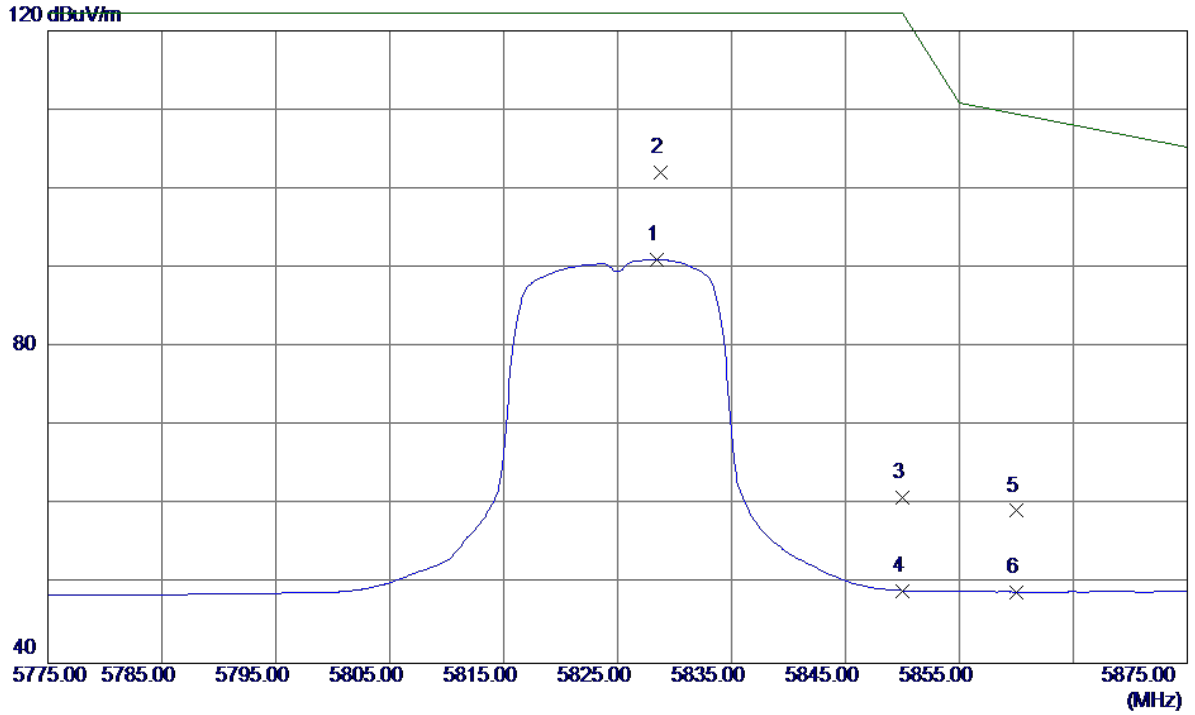
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.8400	39.93	15.48	55.41	68.30	-12.89	Peak	
2 *	11649.8900	28.04	15.48	43.52	54.00	-10.48	AVG	

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

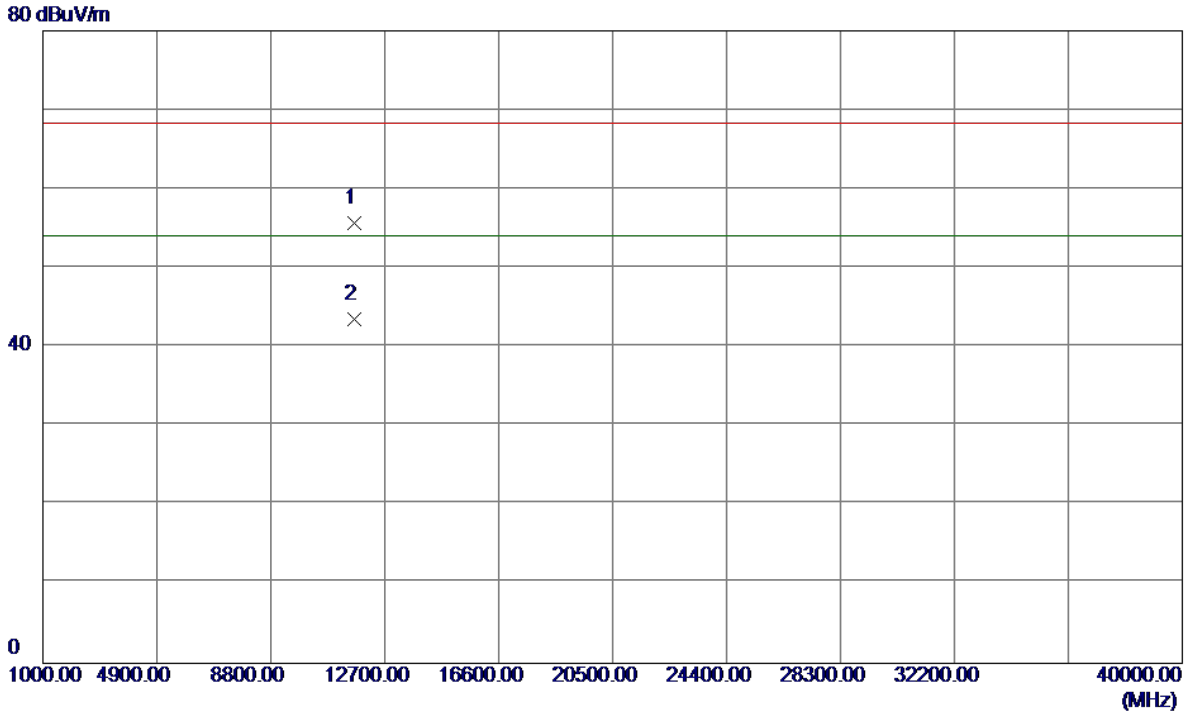
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5828.4000	48.13	42.95	91.08	122.30	-31.22	AVG	
2 *	5828.8000	59.11	42.95	102.06	122.30	-20.24	Peak	
3	5850.0000	17.89	43.03	60.92	122.30	-61.38	Peak	
4	5850.0000	6.16	43.03	49.19	122.30	-73.11	AVG	
5	5860.0000	16.22	43.06	59.28	109.50	-50.22	Peak	
6	5860.0000	5.96	43.06	49.02	109.50	-60.48	AVG	

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

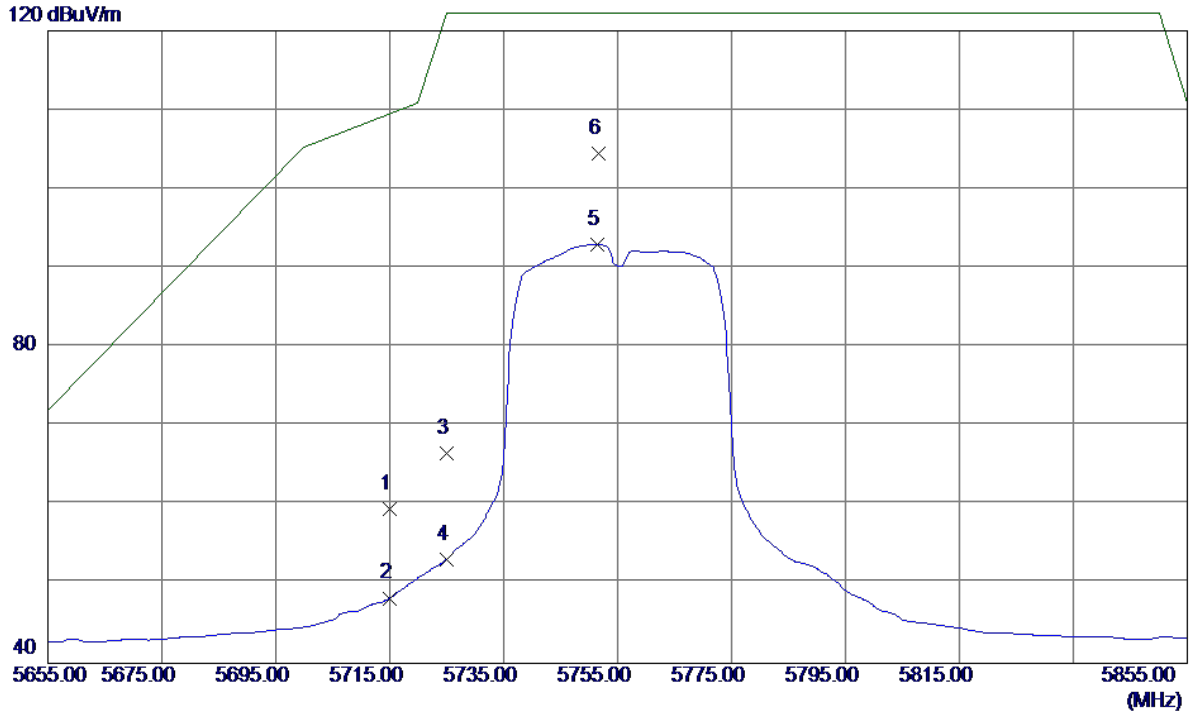
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.6200	40.21	15.48	55.69	68.30	-12.61	Peak	
2 *	11650.3200	28.01	15.48	43.49	54.00	-10.51	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

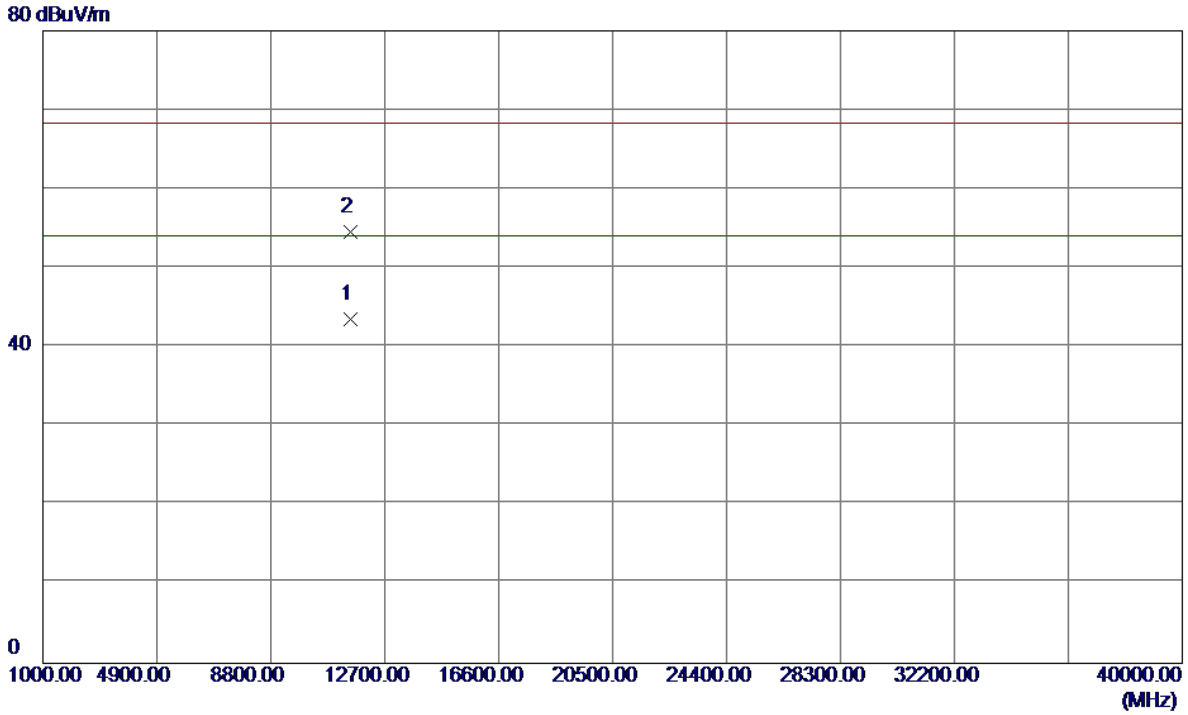
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.94	42.55	59.49	109.50	-50.01	Peak	
2	5715.0000	5.69	42.55	48.24	109.50	-61.26	AVG	
3	5725.0000	23.92	42.58	66.50	122.30	-55.80	Peak	
4	5725.0000	10.58	42.58	53.16	122.30	-69.14	AVG	
5	5751.4000	50.29	42.67	92.96	122.30	-29.34	AVG	
6 *	5751.6000	61.85	42.68	104.53	122.30	-17.77	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

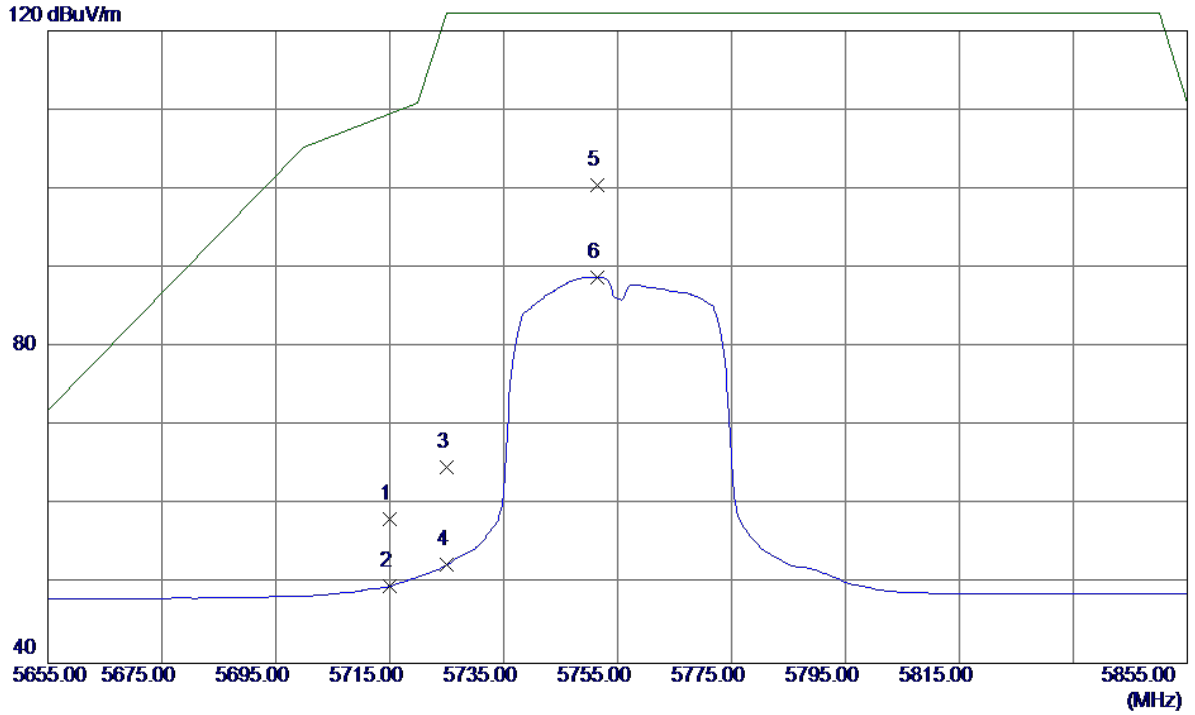
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.9100	28.07	15.48	43.55	54.00	-10.45	AVG	
2	11510.2100	39.15	15.48	54.63	68.30	-13.67	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

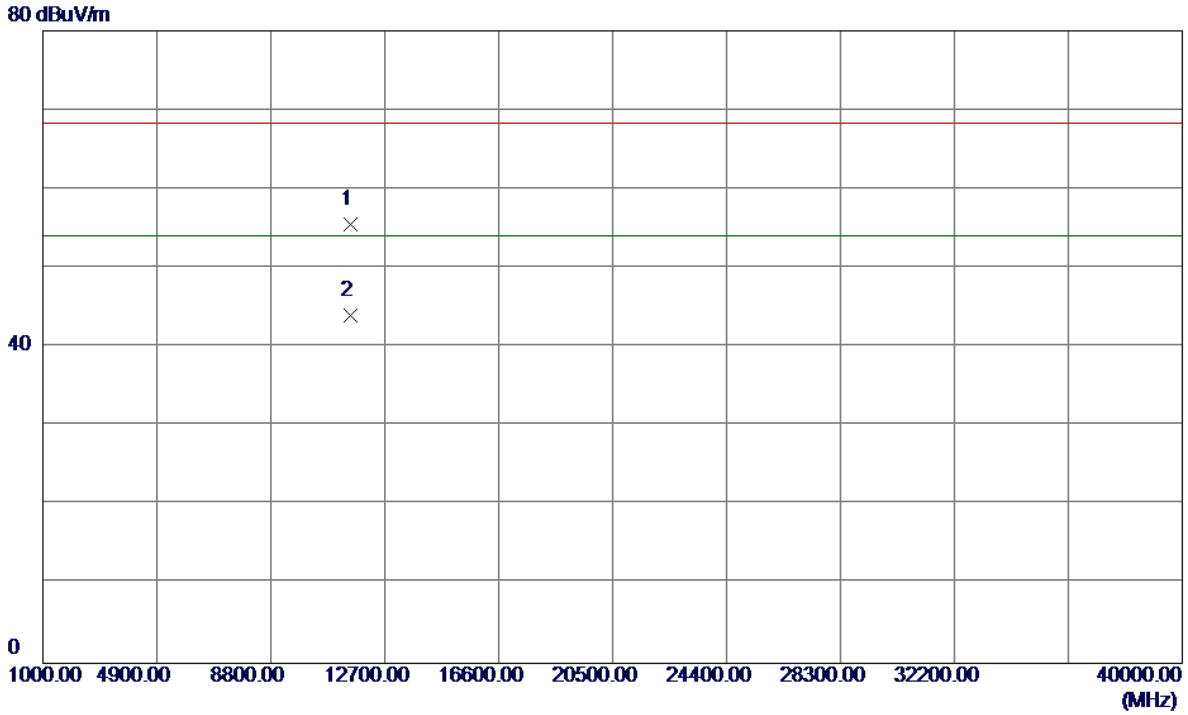
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	15.68	42.55	58.23	109.50	-51.27	Peak	
2	5715.0000	7.20	42.55	49.75	109.50	-59.75	AVG	
3	5725.0000	22.23	42.58	64.81	122.30	-57.49	Peak	
4	5725.0000	9.84	42.58	52.42	122.30	-69.88	AVG	
5 *	5751.4000	57.77	42.67	100.44	122.30	-21.86	Peak	
6	5751.4000	46.19	42.67	88.86	122.30	-33.44	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

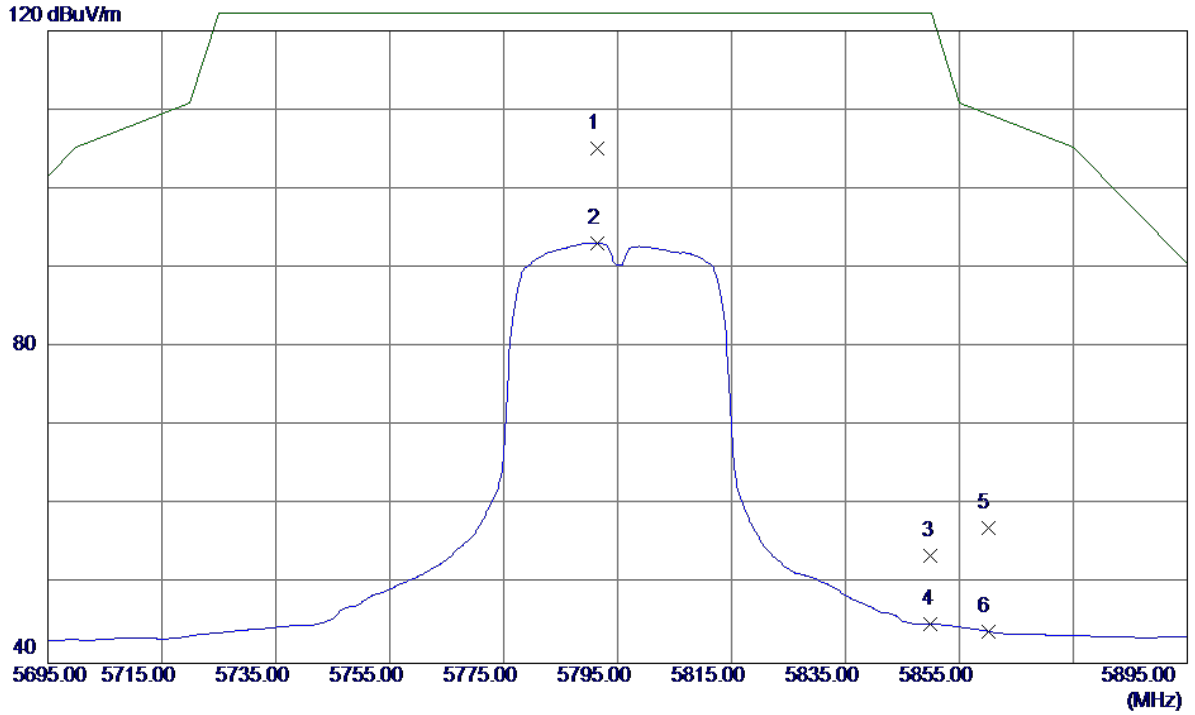
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.7200	40.09	15.48	55.57	68.30	-12.73	Peak	
2 *	11510.1800	28.55	15.48	44.03	54.00	-9.97	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

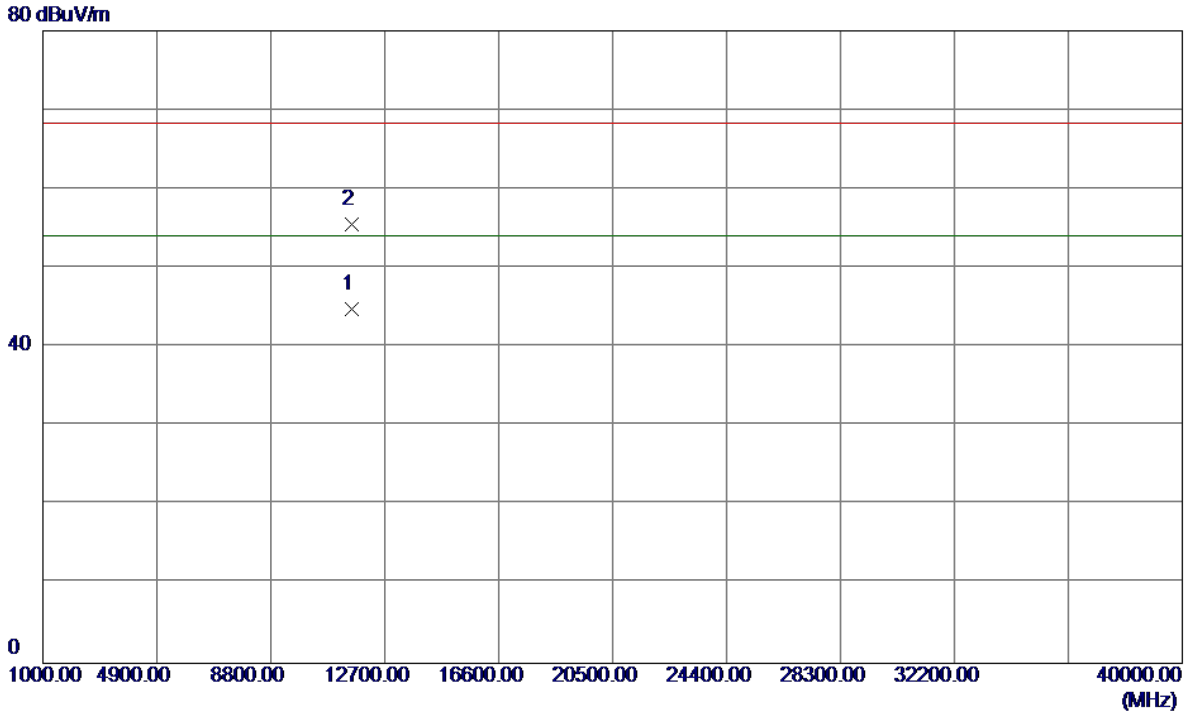
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.4000	62.31	42.82	105.13	122.30	-17.17	Peak	
2	5791.4000	50.35	42.82	93.17	122.30	-29.13	AVG	
3	5850.0000	10.59	43.03	53.62	122.30	-68.68	Peak	
4	5850.0000	1.92	43.03	44.95	122.30	-77.35	AVG	
5	5860.0000	14.11	43.06	57.17	109.50	-52.33	Peak	
6	5860.0000	0.98	43.06	44.04	109.50	-65.46	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

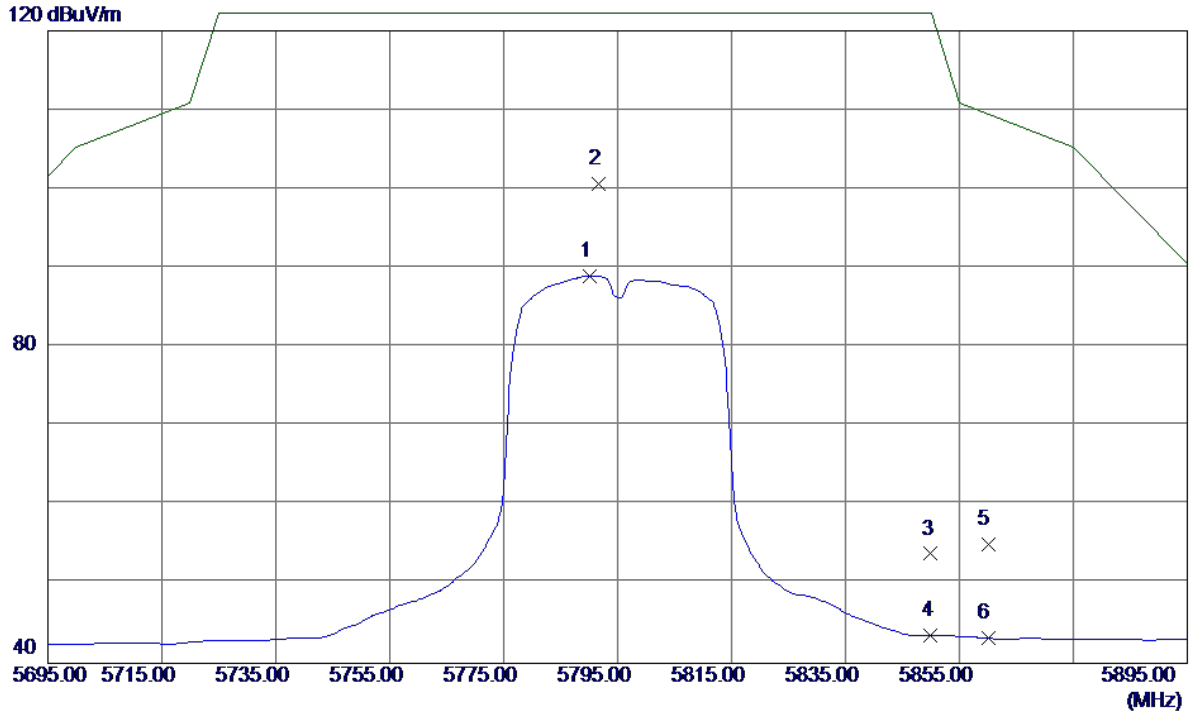
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590.8800	29.32	15.48	44.80	54.00	-9.20	AVG	
2	11591.8099	40.08	15.48	55.56	68.30	-12.74	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

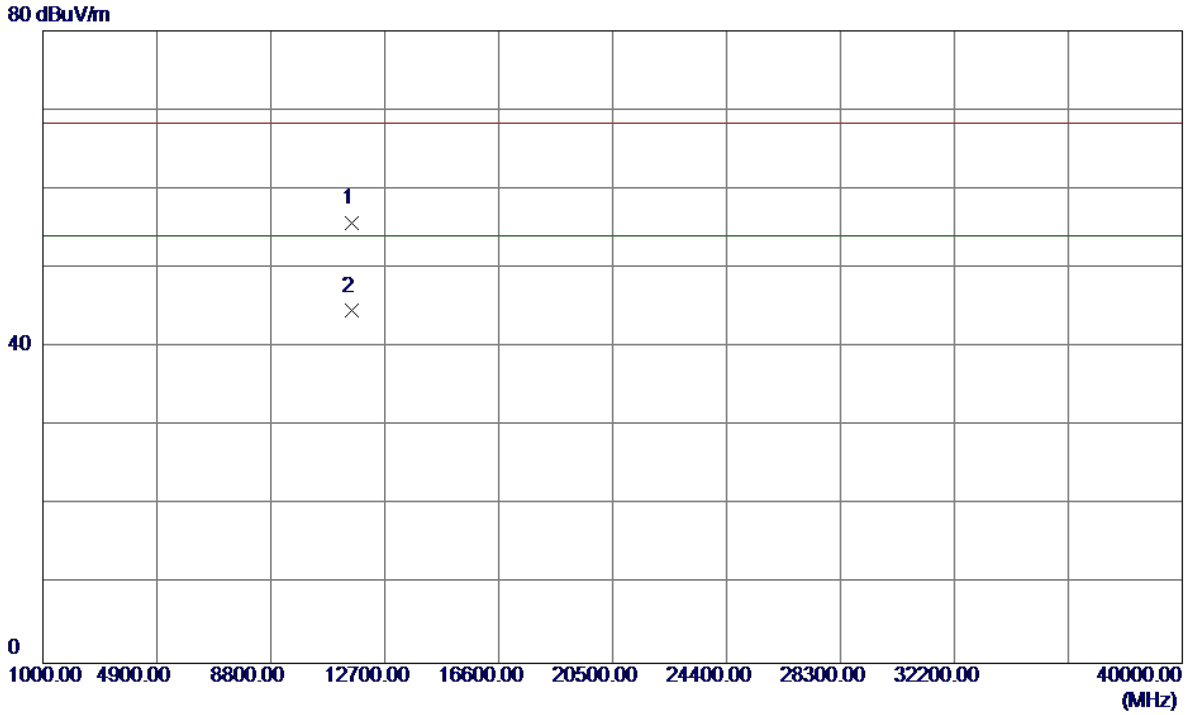
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5790.2000	46.18	42.81	88.99	122.30	-33.31	AVG	
2 *	5791.6000	57.77	42.82	100.59	122.30	-21.71	Peak	
3	5850.0000	10.81	43.03	53.84	122.30	-68.46	Peak	
4	5850.0000	0.49	43.03	43.52	122.30	-78.78	AVG	
5	5860.0000	12.01	43.06	55.07	109.50	-54.43	Peak	
6	5860.0000	0.10	43.06	43.16	109.50	-66.34	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

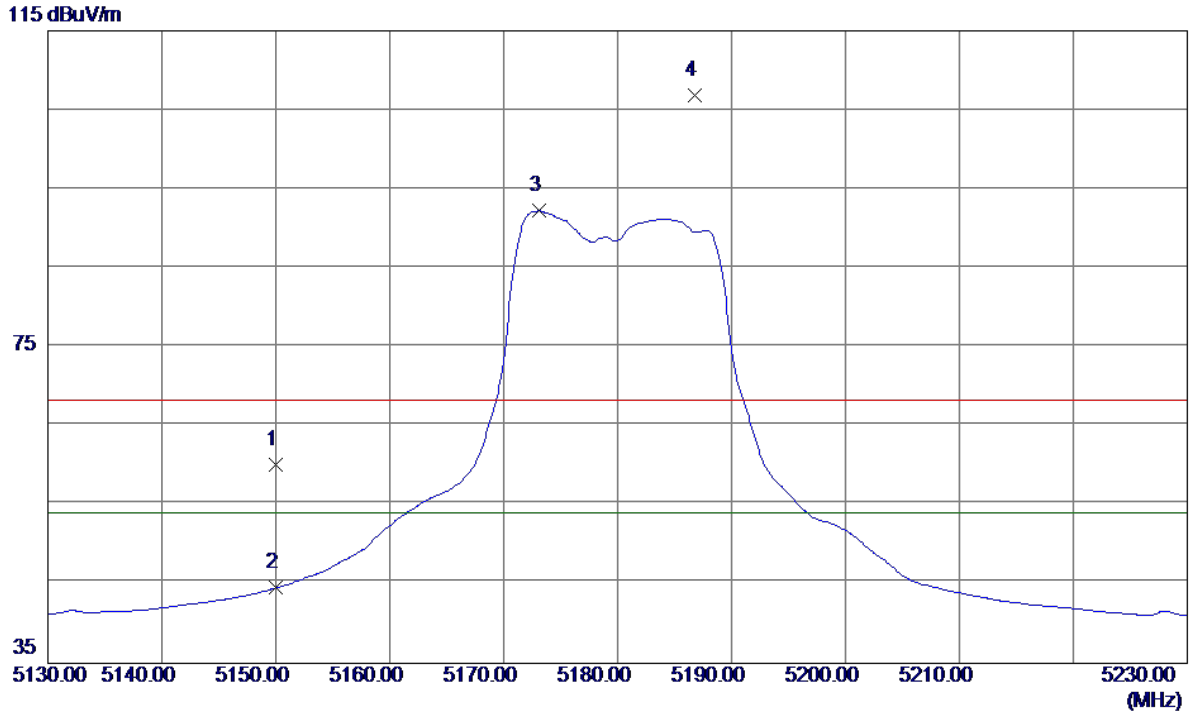
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.8400	40.17	15.48	55.65	68.30	-12.65	Peak	
2 *	11590.8300	29.08	15.48	44.56	54.00	-9.44	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

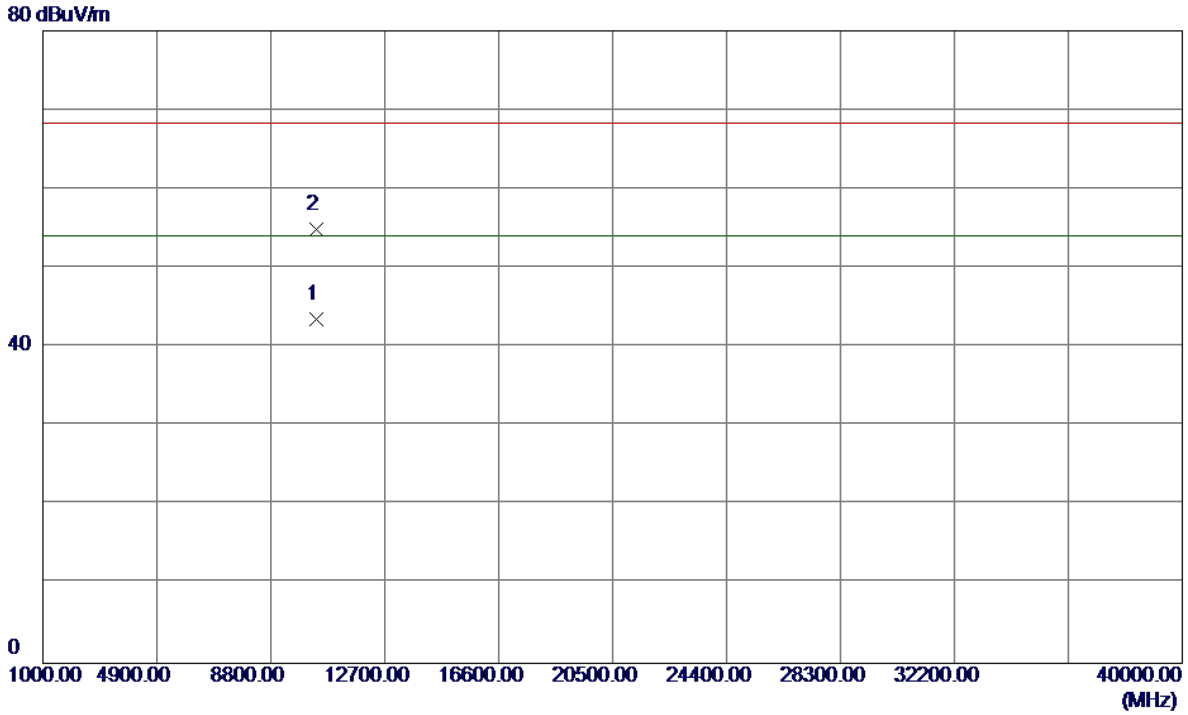
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.52	40.62	60.14	68.30	-8.16	Peak	
2	5150.0000	3.91	40.62	44.53	54.00	-9.47	AVG	
3	5173.1000	51.52	40.70	92.22	54.00	38.22	AVG	No Limit
4 *	5186.8000	66.12	40.75	106.87	68.30	38.57	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

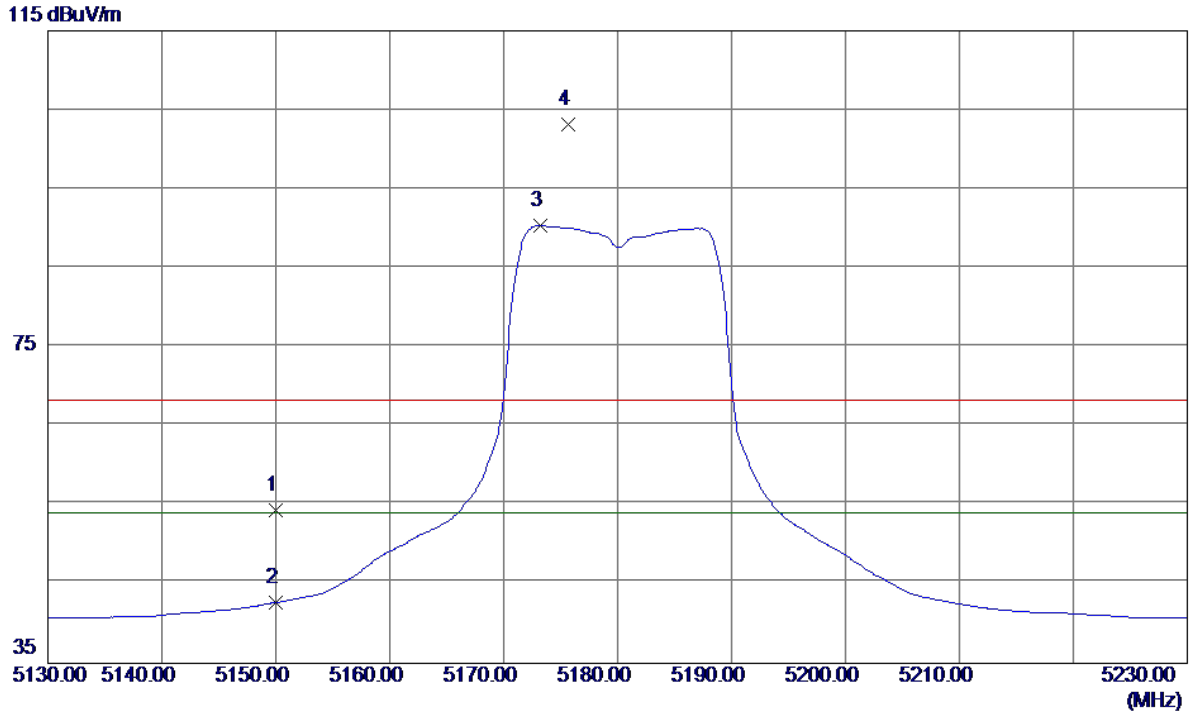
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.1200	28.61	14.96	43.57	54.00	-10.43	AVG	
2	10360.0500	39.88	14.96	54.84	68.30	-13.46	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

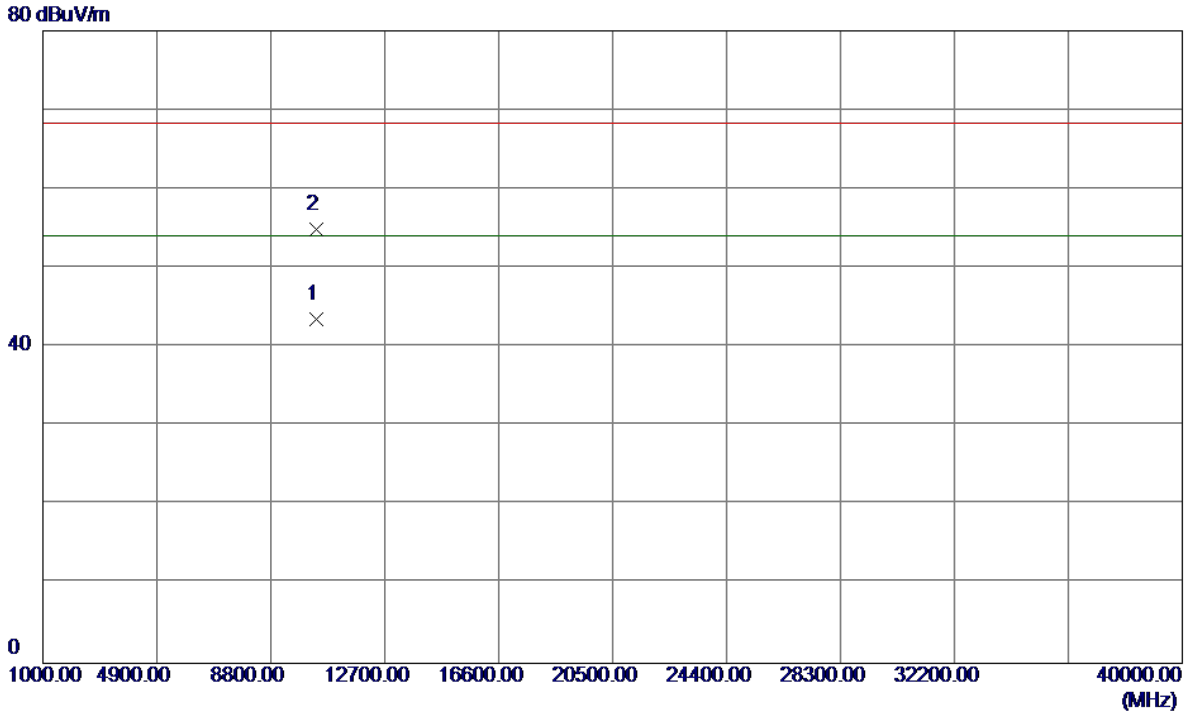
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.76	40.62	54.38	68.30	-13.92	Peak	
2	5150.0000	2.07	40.62	42.69	54.00	-11.31	AVG	
3 *	5173.2000	49.70	40.70	90.40	54.00	36.40	AVG	No Limit
4	5175.7000	62.53	40.71	103.24	68.30	34.94	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

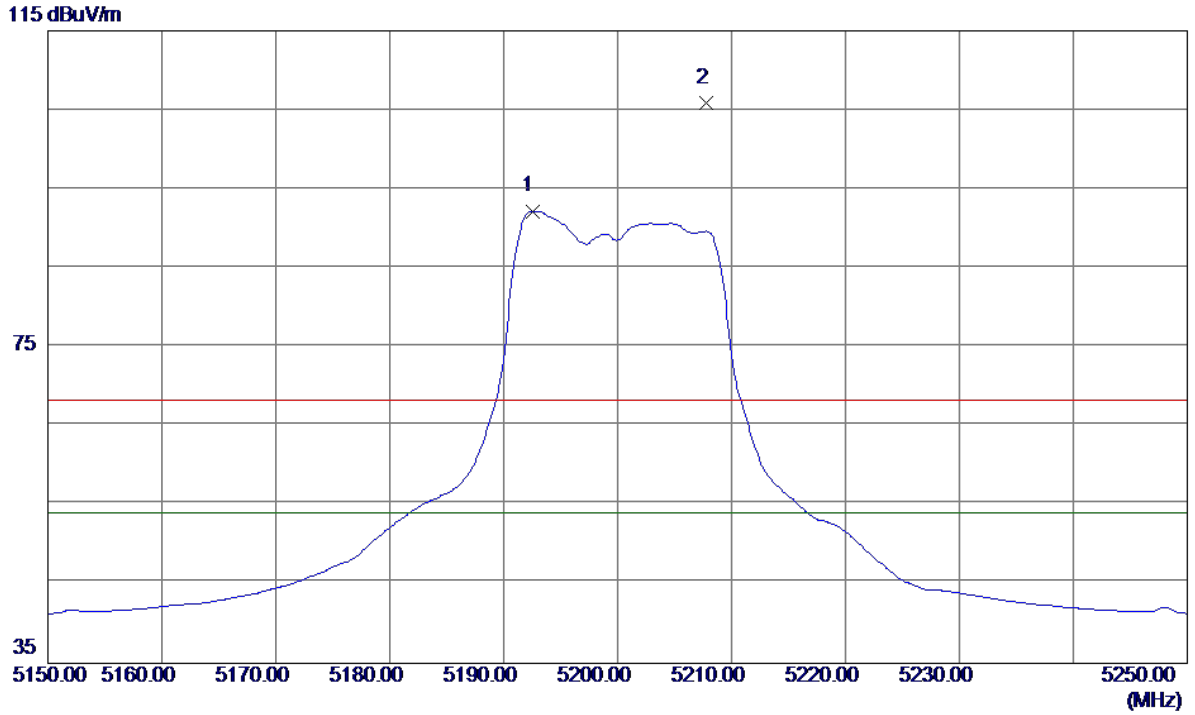
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.3400	28.50	14.96	43.46	54.00	-10.54	AVG	
2	10360.2100	39.89	14.96	54.85	68.30	-13.45	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

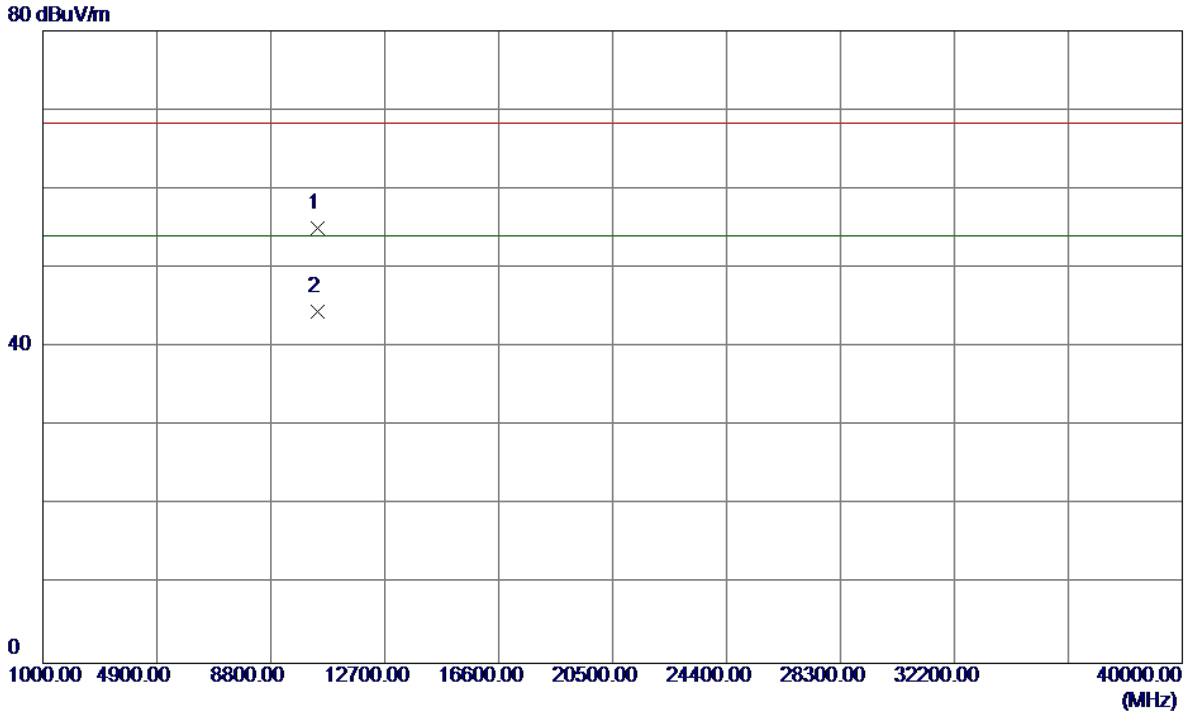
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.5000	51.43	40.77	92.20	54.00	38.20	AVG	No Limit
2	5207.8000	65.03	40.82	105.85	68.30	37.55	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

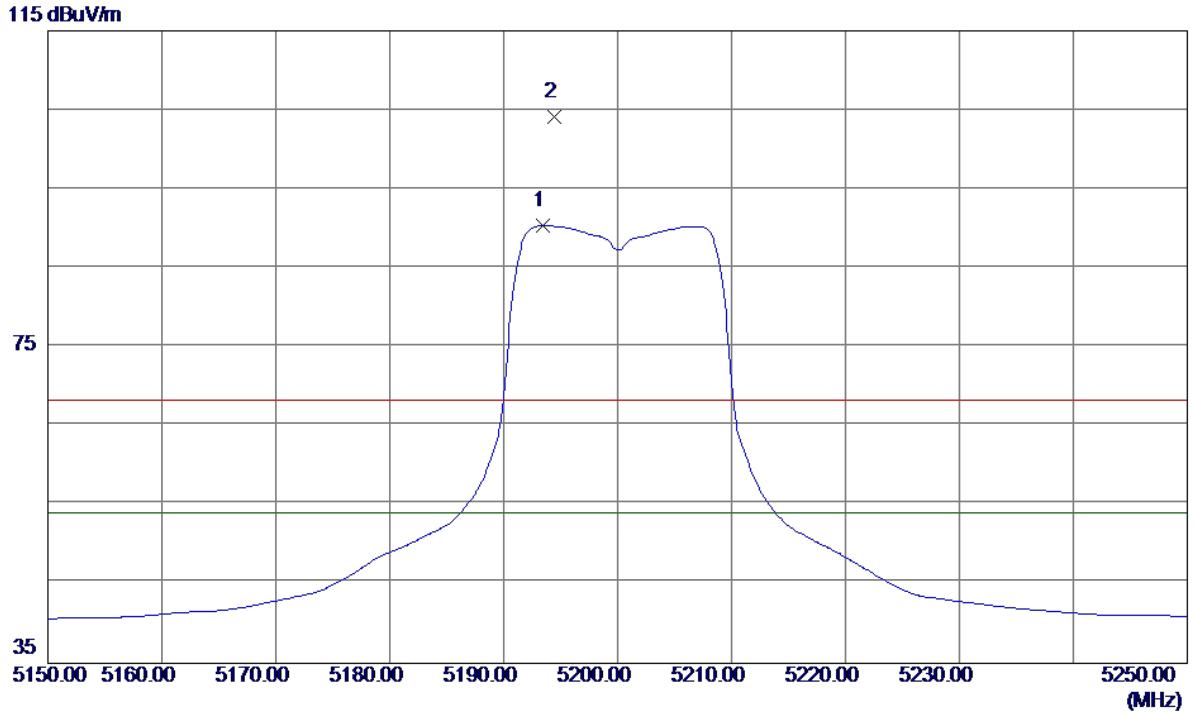
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.9200	39.94	15.06	55.00	68.30	-13.30	Peak	
2 *	10399.4800	29.43	15.05	44.48	54.00	-9.52	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

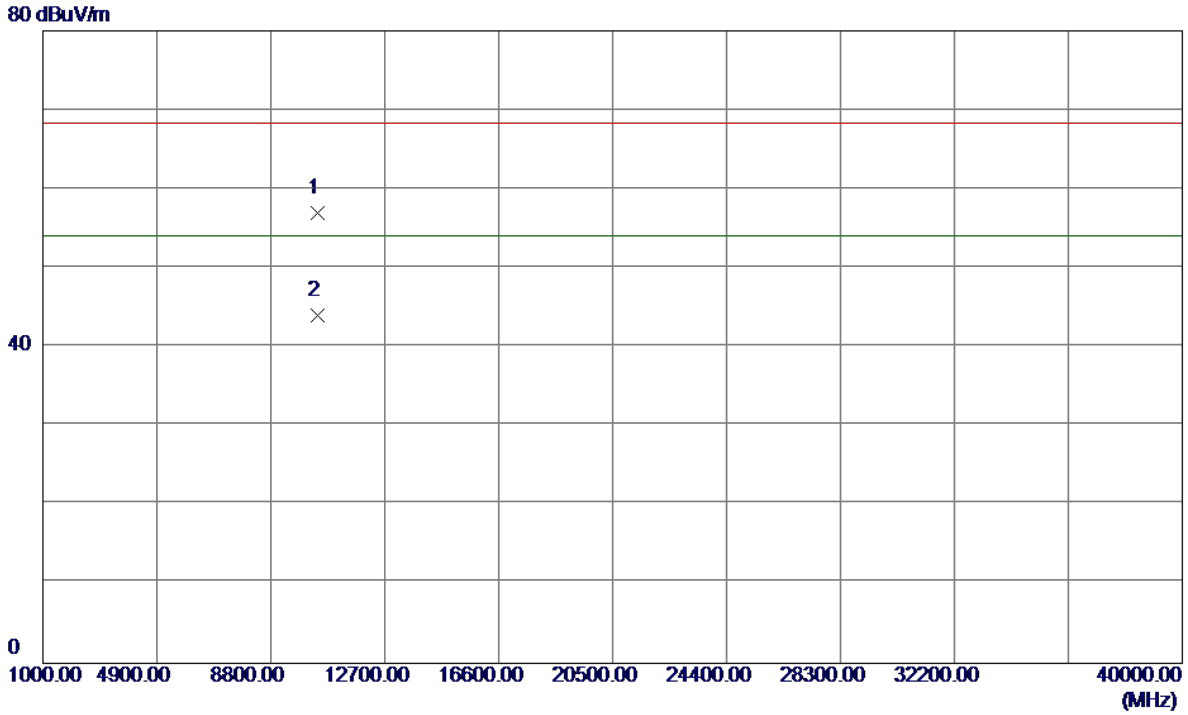
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.4000	49.58	40.77	90.35	54.00	36.35	AVG	No Limit
2	5194.4000	63.31	40.77	104.08	68.30	35.78	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 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	10400.0900	41.95	15.06	57.01	68.30	-11.29	Peak	
2 *	10400.1300	28.98	15.06	44.04	54.00	-9.96	AVG	