

# FCC Radio Test Report

## FCC ID: QISAP8130DN

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

**Project No.** : 1407C034V  
**Equipment** : Outdoor Wireless LAN Access Point  
**Model Name** : AP8130DN  
**Applicant** : Huawei Technologies Co.,Ltd.  
**Address** : Administration Building, Huawei Base, Bantian,  
Longgang District ,Shenzhen 518129, P.R.China

**Date of Receipt** : Mar. 09, 2015  
Mar. 07, 2016  
**Date of Test** : Mar. 09, 2015 ~ Jun. 08, 2015  
Mar. 07, 2016 ~ Apr. 08, 2016  
**Issued Date** : Apr. 11, 2016  
**Tested by** : BTL Inc.

**Testing Engineer** : Shawn Xiao  
(Shawn Xiao)

**Technical Manager** : David Mao  
(David Mao)

**Authorized Signatory** : Steven Lu  
(Steven Lu)

# **B T L I N C .**

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

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

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**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.

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1407C034B	Original Report.	Jun. 10, 2015
BTL-FCCP-2-1407C034V	Compared with previous report (BTL-FCCP-2-1407C034B), the antennas are added, Conducted Emission and Radiated Emissions have been re-evaluated and recorded in the test report, the rest are kept the same.	Apr. 11, 2016

## 1. CERTIFICATION

Equipment : Outdoor Wireless LAN Access Point  
Brand Name : HUAWEI  
Model Name : AP8130DN  
Applicant : Huawei Technologies Co.,Ltd.  
Manufacturer : Huawei Technologies Co.,Ltd.  
Address : Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen  
518129, P.R.China  
Factory : Huawei Technologies Co.,Ltd.  
Address : Huawei Base, Bantian, Longgang District, Shenzhen 518129, P.R.China  
Date of Test : Mar. 09, 2015 ~ Jun. 08, 2015  
Mar. 07, 2016 ~ Apr. 08, 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-2-1407C034V) 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 result included in this report is only for the 2.4GHz and 5GHz module which is support 2.4GHz and 5GHz.**

## 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  $U_{\text{CISPR}}$  requirement.

The reported uncertainty of measurement  $y \pm U$ , 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	2.32

### 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	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06
		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	Outdoor Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP8130DN	
Mode Different	NA	
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	up to 1.3Gbps
Power Source	DC voltage supplied from PoE. Model: PoE 35-54A	
Power Rating	I/P: AC 100-240V 50/60Hz 1.0A MAX O/P: DC 54V 0.65A	

Output Power	Output Power (Max.)for UNII-1 (1TX)	802.11a: 19.56 dBm 802.11n (20M): 17.45 dBm 802.11n (40M): 16.28 dBm 802.11ac (20M): 17.68 dBm 802.11ac (40M): 14.48 dBm 802.11ac (80M): 9.64 dBm
	Output Power (Max.)for UNII-2A (1TX)	802.11a: 19.54 dBm 802.11n (20M): 17.36 dBm 802.11n (40M): 16.20 dBm 802.11ac (20M): 17.52 dBm 802.11ac (40M): 14.54 dBm 802.11ac (80M): 9.63 dBm
	Output Power (Max.)for UNII-2C (1TX)	802.11a: 19.56 dBm 802.11n (20M): 17.40 dBm 802.11n (40M): 14.64 dBm 802.11ac (20M): 17.49 dBm 802.11ac (40M): 14.75 dBm 802.11ac (80M): 16.75 dBm
	Output Power (Max.)for UNII-3 (1TX)	802.11a: 19.56 dBm 802.11n (20M): 17.46 dBm 802.11n (40M): 14.62 dBm 802.11ac (20M): 17.57 dBm 802.11ac (40M): 14.70 dBm 802.11ac (80M): 11.56 dBm

Output Power	Output Power (Max.)for UNII-1 (2TX)	802.11a: 20.98 dBm 802.11n (20M): 19.64 dBm 802.11n (40M): 18.50 dBm 802.11ac (20M): 19.57 dBm 802.11ac (40M): 17.52 dBm 802.11ac (80M): 12.66 dBm
	Output Power (Max.)for UNII-2A (2TX)	802.11a: 20.98 dBm 802.11n (20M): 19.63 dBm 802.11n (40M): 18.41 dBm 802.11ac (20M): 19.43 dBm 802.11ac (40M): 17.59 dBm 802.11ac (80M): 12.59 dBm
	Output Power (Max.)for UNII-2C (2TX)	802.11a: 21.02 dBm 802.11n (20M): 19.65 dBm 802.11n (40M): 17.69 dBm 802.11ac (20M): 19.44 dBm 802.11ac (40M): 17.80 dBm 802.11ac (80M): 19.73 dBm
	Output Power (Max.)for UNII-3 (2TX)	802.11a: 21.04 dBm 802.11n (20M): 19.40 dBm 802.11n (40M): 17.58 dBm 802.11ac (20M): 19.47 dBm 802.11ac (40M): 17.65 dBm 802.11ac (80M): 14.59 dBm

**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		
120	5600				
124	5620				
128	5640				
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.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
A	GUANGDONG SHENGLU TELECOMMUNICATION TECH. CO.,LTD	SL12845A	External Antenna	N-type	8	5GHz
B	GUANGDONG SHENGLU TELECOMMUNICATION TECH. CO.,LTD	SL12845A	External Antenna	N-type	8	5GHz

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
2. ANT B for 1TX was found to be the worst case and recorded.
3. A 12dB attenuator is epoxied to the antenna to be one part of antenna.

Remark:

the UNII-2A,UNII-2C Output Power limit is  $24-8+6=22$  dBm, the UNII-1,UNII-3 Output Power limit is  $30-8+6 = 28$ .

The UNII-1 PSD limit is  $17-8+6=15$  dBm/MHz, the UNII-2A, UNII-2C PSD limit is  $11-8+6=9$  dBm/MHz, the UNII-3 PSD limit is  $30-8+6=28$  dBm/500kHz.

4.

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

### 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 - 1TX			
Test Software Version	cart		
Frequency (MHz)	5180	5200	5240
A Mode	20	20	20
N20 Mode	18	18	18
AC20 Mode	18	18	18
Frequency (MHz)	5190	5230	
N40 Mode	12	15	
AC40 Mode	12	15	
Frequency (MHz)	5210		
AC80 Mode	15		

UNII-2A - 1TX			
Test Software Version	cart		
Frequency (MHz)	5260	5300	5320
A Mode	20	20	20
N20 Mode	18	18	18
AC20 Mode	18	18	18
Frequency (MHz)	5270	5310	
N40 Mode	15	12	
AC40 Mode	15	12	
Frequency (MHz)	5290		
AC80 Mode	10		

UNII-2C - 1TX			
Test Software Version	cart		
Frequency (MHz)	5500	5580	5700
A Mode	20	20	20
N20 Mode	18	18	18
AC20 Mode	18	18	18
Frequency (MHz)	5510	5550	5670
N40 Mode	15	15	15
AC40 Mode	15	15	15
Frequency (MHz)	5530	5610	
AC80 Mod	10	17	

UNII-3 - 1TX			
Test Software Version	cart		
Frequency (MHz)	5745	5785	5825
A Mode	20	20	20
N20 Mode	18	18	18
AC20 Mode	18	18	15
Frequency (MHz)	5755	5795	
N40 Mode	15	15	
AC40 Mode	15	15	
Frequency (MHz)	5775		
AC80 Mode	12		

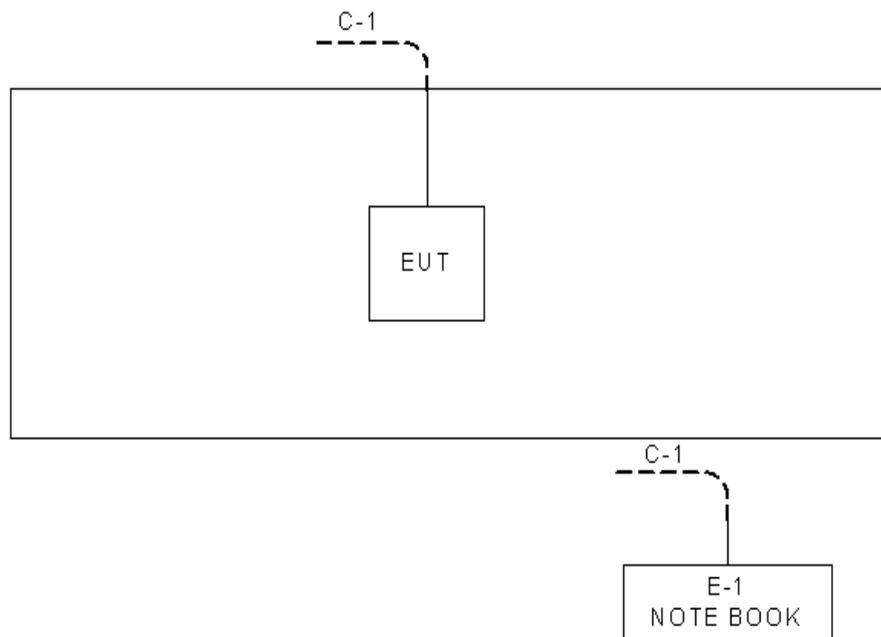
UNII-1 - 2TX			
Test Software Version	cart		
Frequency (MHz)	5180	5200	5240
A Mode	16	16	16
N20 Mode	16	16	16
AC20 Mode	15	15	15
Frequency (MHz)	5190	5230	
N40 Mode	12	15	
AC40 Mode	12	15	
Frequency (MHz)	5210		
AC80 Mode	10		

UNII-2A - 2TX			
Test Software Version	cart		
Frequency (MHz)	5260	5300	5320
A Mode	16	16	16
N20 Mode	16	16	16
AC20 Mode	15	15	15
Frequency (MHz)	5270	5310	
N40 Mode	15	12	
AC40 Mode	15	12	
Frequency (MHz)	5290		
AC80 Mode	10		

UNII-2C - 2TX			
Test Software Version	cart		
Frequency (MHz)	5500	5580	5700
A Mode	16	16	16
N20 Mode	16	16	15
AC20 Mode	15	15	15
Frequency (MHz)	5510	5550	5670
N40 Mode	15	15	15
AC40 Mode	15	15	15
Frequency (MHz)	5530	5610	
AC80 Mod	10	17	

UNII-3 - 2TX			
Test Software Version	cart		
Frequency (MHz)	5745	5785	5825
A Mode	16	16	16
N20 Mode	15	15	15
AC20 Mode	15	15	15
Frequency (MHz)	5755	5795	
N40 Mode	15	15	
AC40 Mode	15	15	
Frequency (MHz)	5775		
AC80 Mode	12		

### 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.
E-1	NOTEBOOK	DELL	H2510	DOC	SS07999198

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NA	NA	10m	RJ45 cable

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

#### 4.1.1 POWER LINE CONDUCTED EMISSION LIMITS (Frequency Range 150KHz-30MHz)

Frequency of Emission (MHz)	Conducted Limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15 -0.50	66 to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

- (1) The limit of " \* " decreases with the logarithm of the frequency
- (2) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)  
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

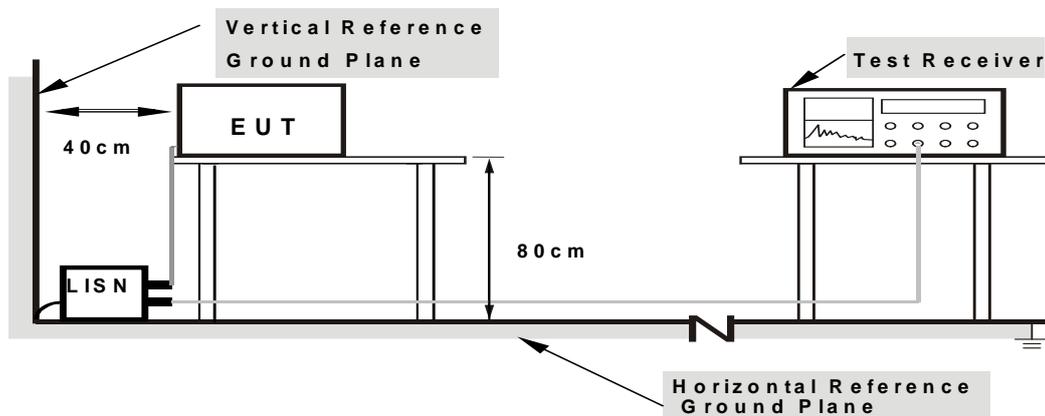
#### 4.1.2 TEST PROCEDURE

- 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



- Note: 1.Support units were connected to second LISN.  
 2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

#### 4.1.5 EUT OPERATING CONDITIONS

The EUT was placed on the test table and programmed in normal function.

#### 4.1.6 EUT TEST CONDITIONS

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

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 Radiated Emission Limits

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

#### LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-1000MHz)

Frequency (MHz)	Field Strength (microvolts/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
960~1000	500	3

#### LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
	PEAK	AVERAGE
Above 1000	74	54

#### Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)  
 Margin Level = Measurement Value - Limit Value

#### LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (beyond 10MHz of the band edge)	68.3
	-17 (within 10 MHz of band edge)	78.3

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field

strength:  $E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m}$ , where P is the eirp (Watts)

#### 4.2.2 TEST PROCEDURE

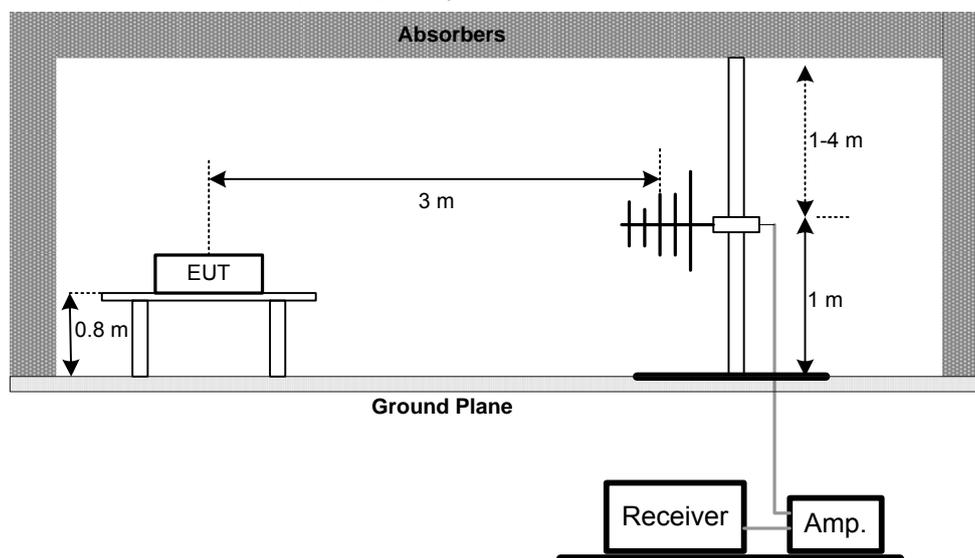
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m 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. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. 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)
- f. 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)
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

#### 4.2.3 DEVIATION FROM TEST STANDARD

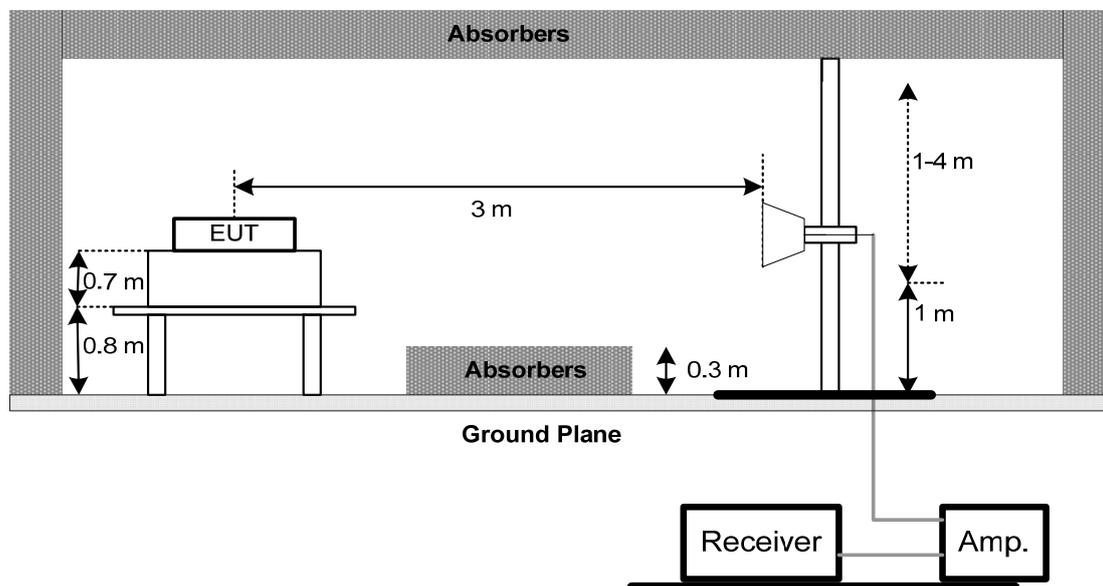
No deviation

#### 4.2.4 TEST SETUP

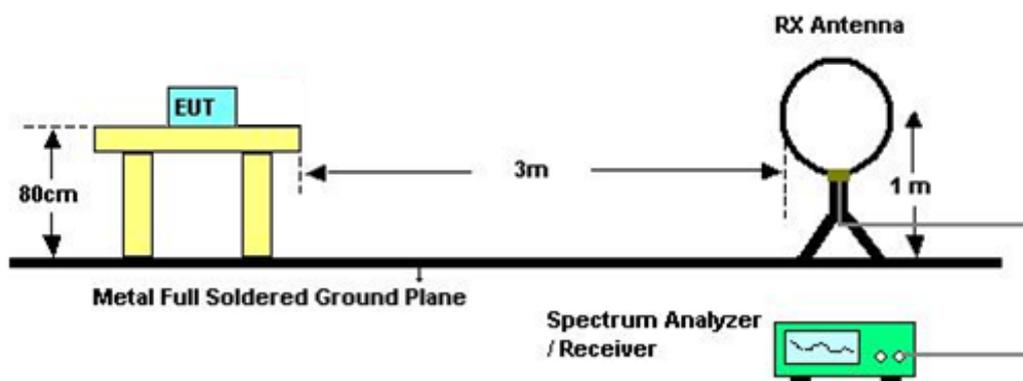
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(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: 55%    Test Voltage: AC 120V/60Hz

**4.2.7 TEST RESULTS (9Khz 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 =  $40 \log(\text{specific distance} / \text{test distance})$  (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

**4.2.8 TEST RESULTS (30mhz to 1000 MHz)**

Please refer to the Attachment C.

**4.2.9 TEST RESULTS (Above 1000 MHz)**

Please refer to the Attachment D.

Remark:

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

## 5. 26dB SPECTRUM BANDWIDTH

### 5.1 APPLIED PROCEDURES / LIMIT

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

#### 5.1.1 TEST PROCEDURE

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

b.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
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: 22°C    Relative Humidity: 56%    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	$\geq$ 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: 22°C    Relative Humidity: 56%    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: 22°C    Relative Humidity: 56%    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 v01, 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  $10\log(500\text{kHz}/1\text{MHz})$  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: 22°C    Relative Humidity: 56%    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

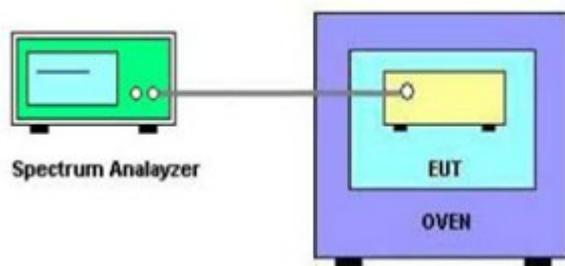
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -40°C~60°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. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 27, 2017
7	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
8	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
9	Test Cable	emci	EMC104-SM-SM-10000(1GHz – 26.5GHz)	C-68	Jun. 28, 2016
10	Controller	CT	SC100	N/A	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 27, 2017
12	Microwave Pre-amplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
14	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	Nov. 02, 2015
2	Test Cable	emci	EMC104-SM-SM-9000(0.01GHz – 26.5GHz)	C-100	N/A

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 29, 2015
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 29, 2015

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015
2	Test Cable	emci	EMC104-SM-SM-9000(0.01GHz – 26.5GHz)	C-100	N/A

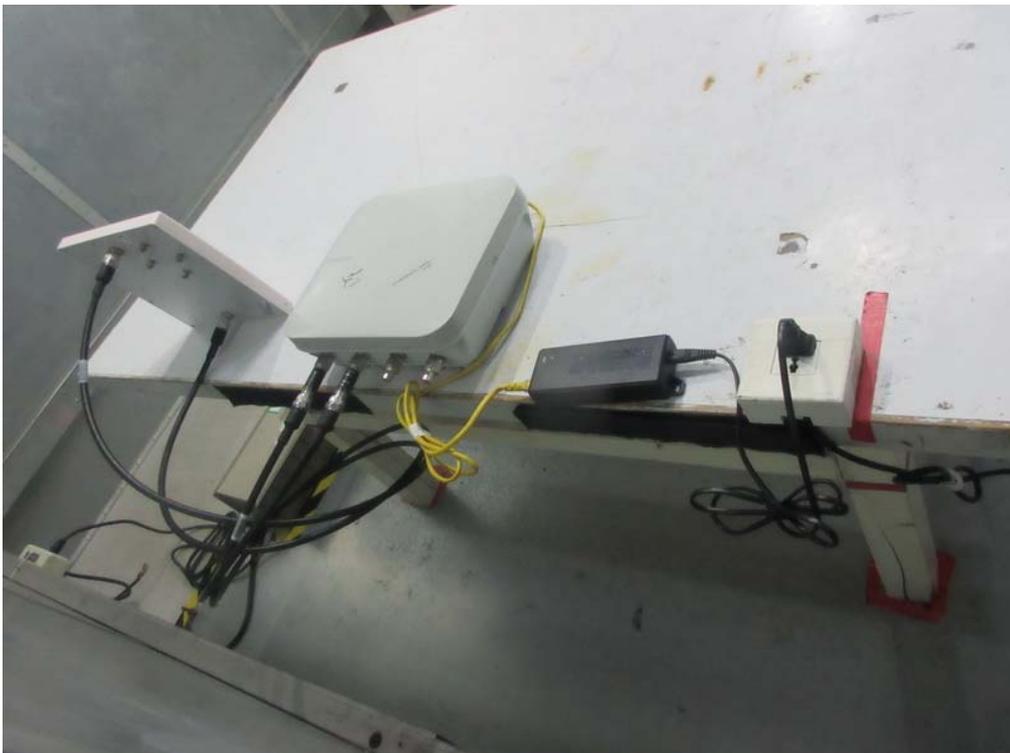
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015
2	Test Cable	emci	EMC104-SM-SM-9000(0.01GHz – 26.5GHz)	C-100	N/A

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 23, 2016

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

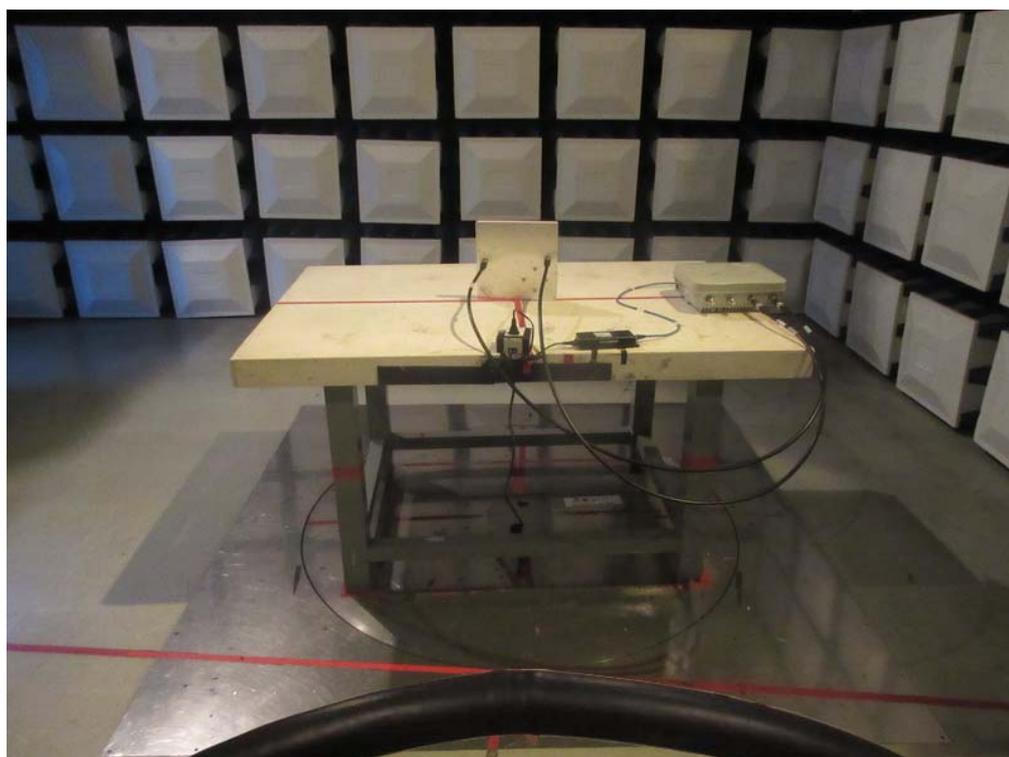
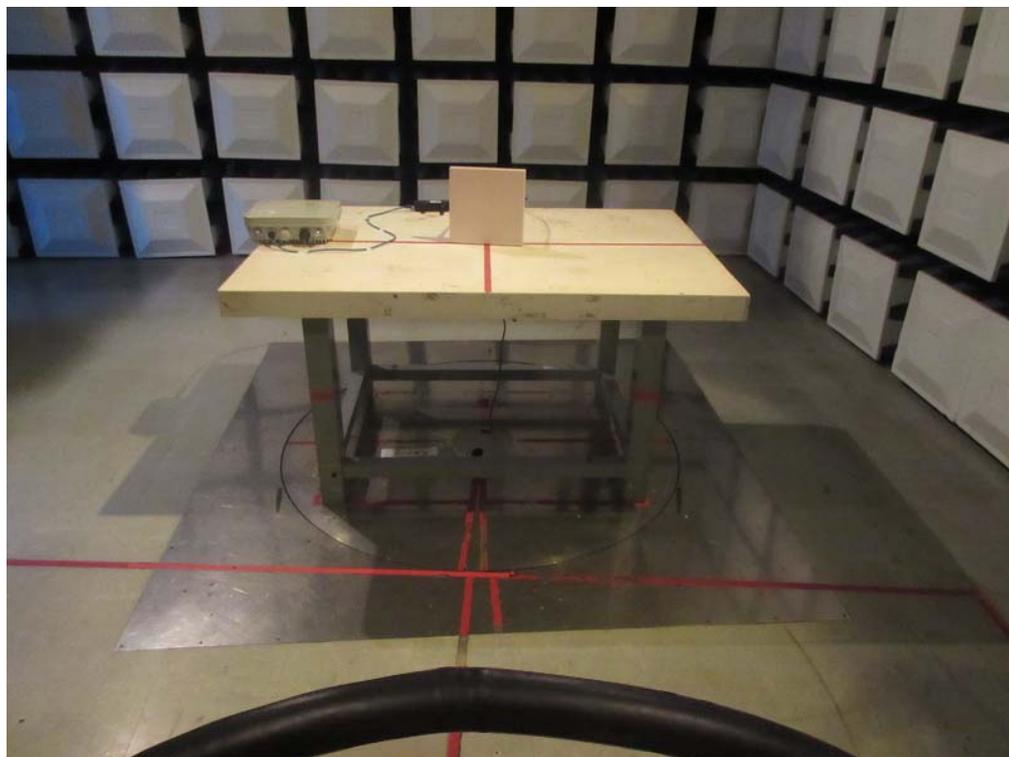
## 11. EUT TEST PHOTOS

### Conducted Measurement Photos



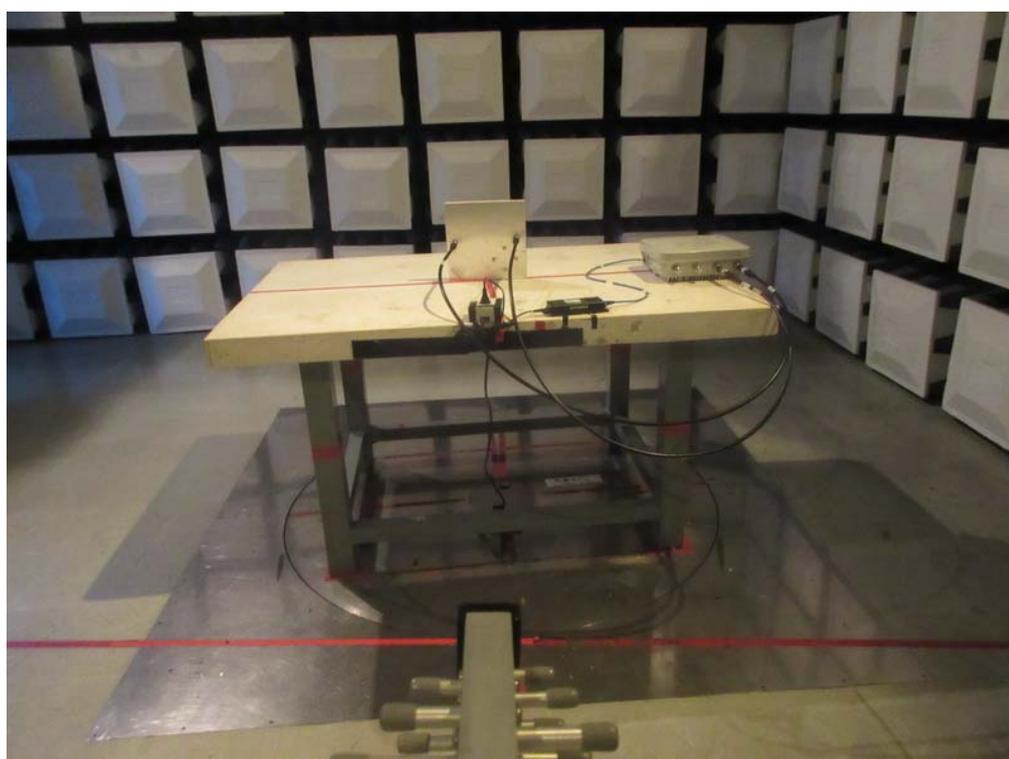
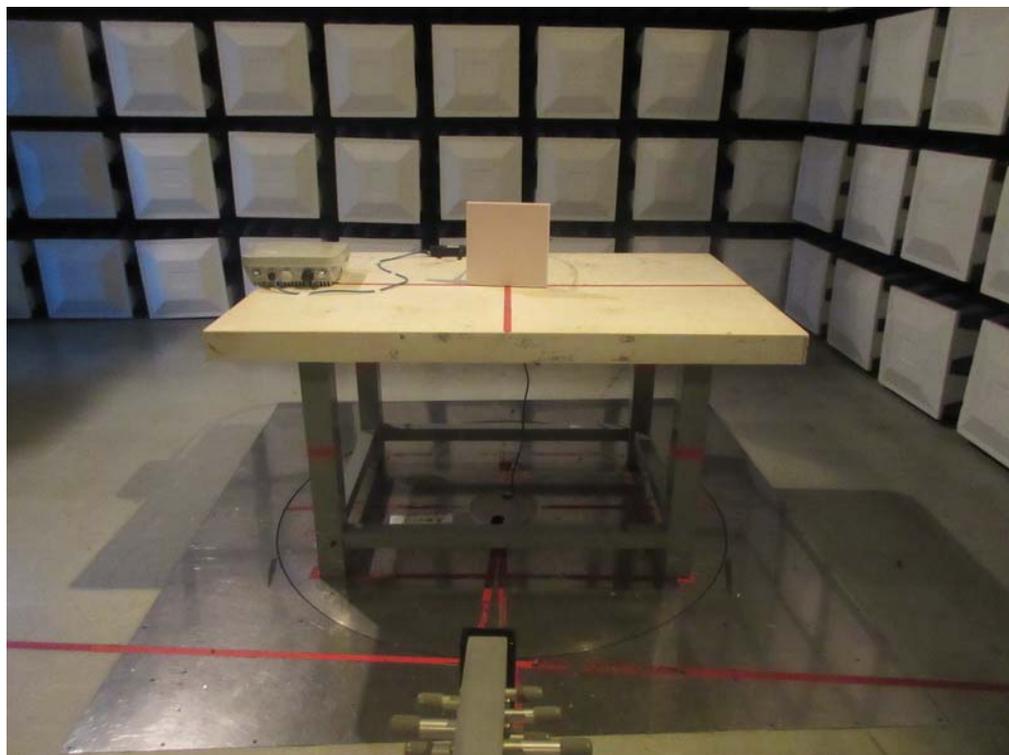
## Radiated Measurement Photos

9kHz to 30MHz



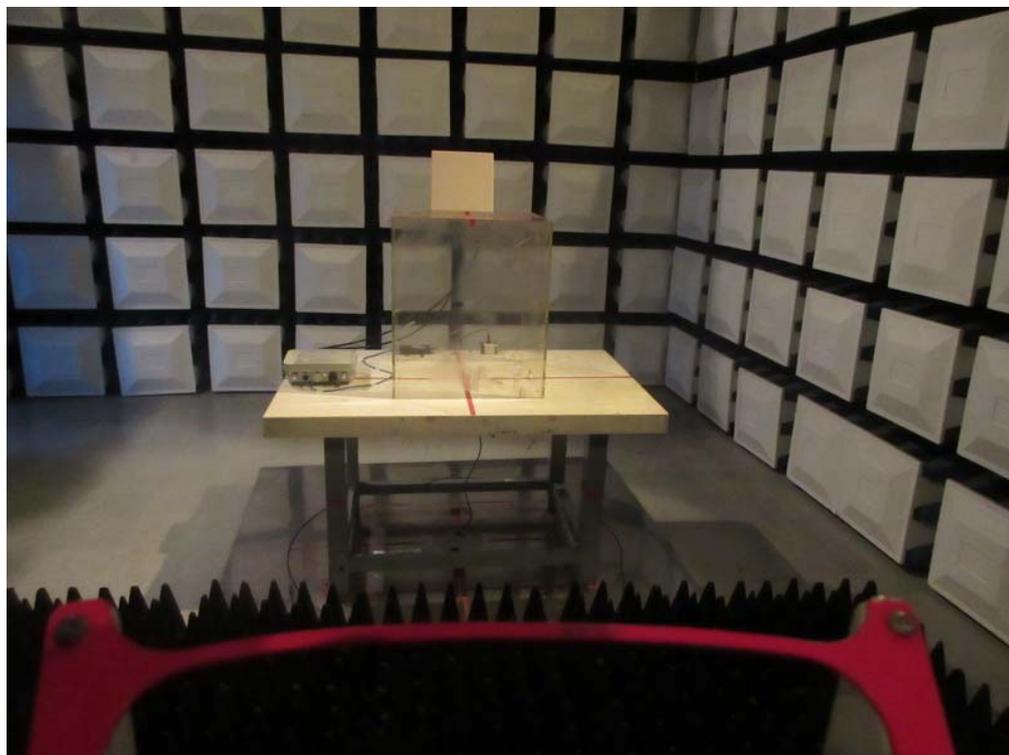
## Radiated Measurement Photos

30MHz to 1000MHz



## Radiated Measurement Photos

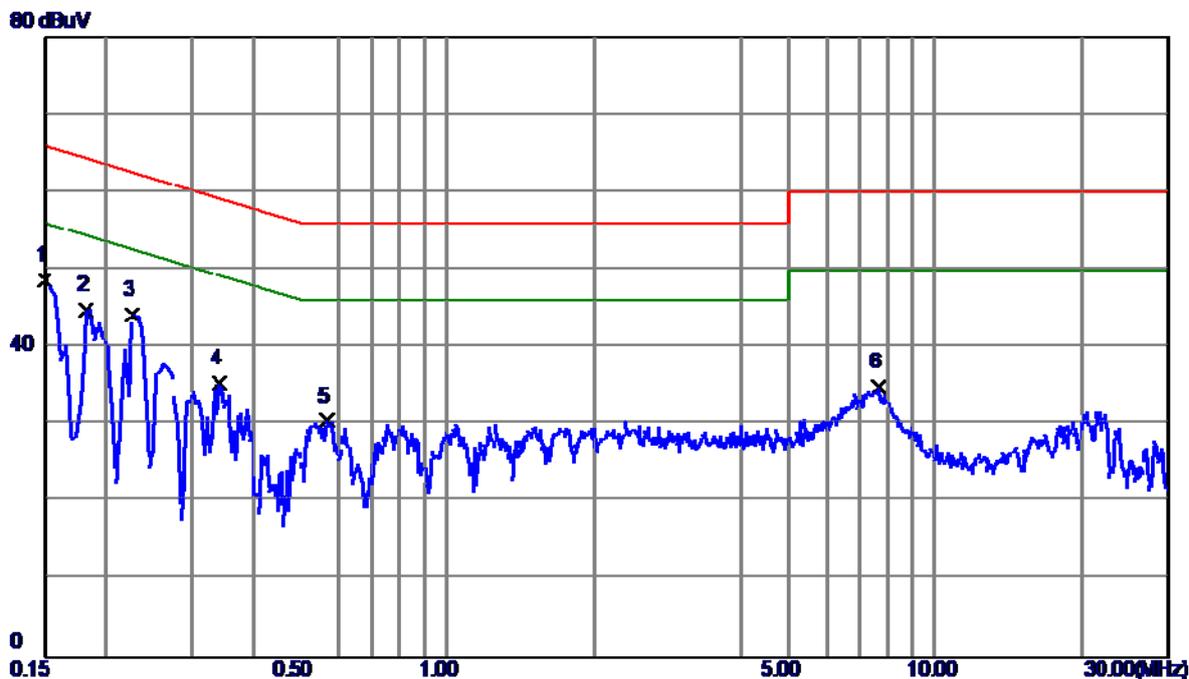
Above 1000MHz



## ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX MODE
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### Line

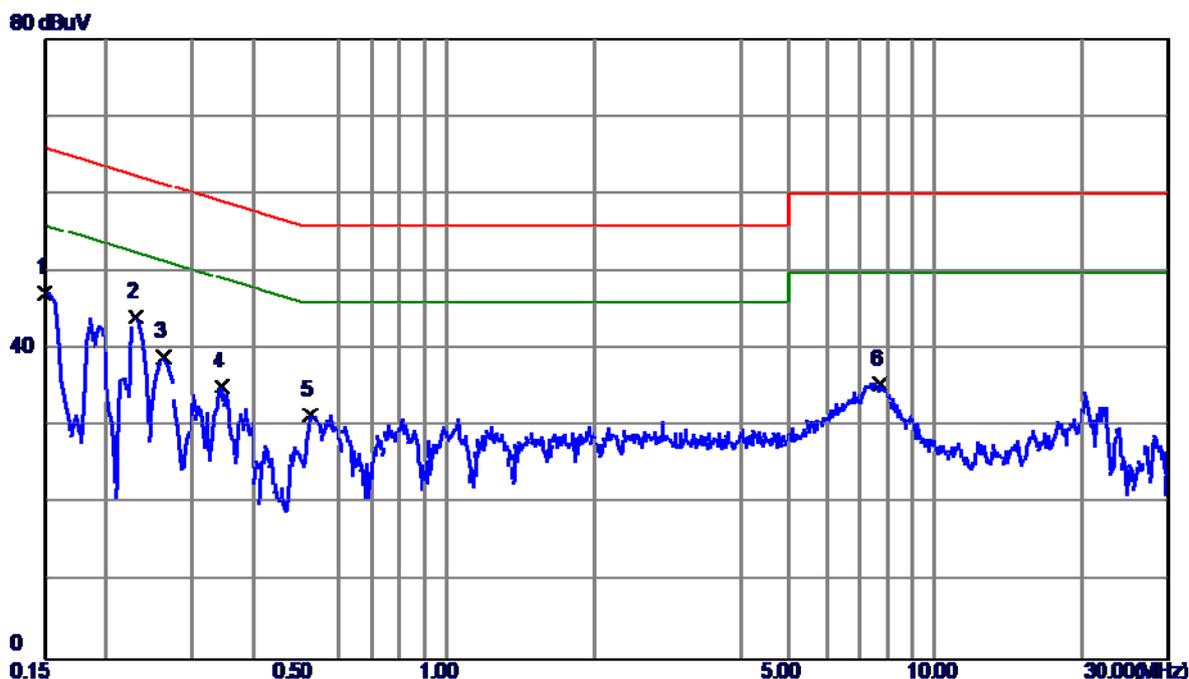


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	39.19	9.52	48.71	66.00	-17.29	Peak	
2	0.1819	35.24	9.55	44.79	64.40	-19.61	Peak	
3	0.2260	34.58	9.58	44.16	62.60	-18.44	Peak	
4	0.3420	25.74	9.63	35.37	59.15	-23.78	Peak	
5	0.5660	20.78	9.70	30.48	56.00	-25.52	Peak	
6	7.6540	25.04	9.90	34.94	60.00	-25.06	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

### Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	37.81	9.47	47.28	66.00	-18.72	Peak	
2	0.2300	34.61	9.50	44.11	62.45	-18.34	Peak	
3	0.2620	29.48	9.50	38.98	61.37	-22.39	Peak	
4	0.3460	25.72	9.52	35.24	59.06	-23.82	Peak	
5	0.5260	21.94	9.55	31.49	56.00	-24.51	Peak	
6	7.7140	25.71	9.84	35.55	60.00	-24.45	Peak	

Note : The test result has included the cable loss.

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

Test Mode:	TX MODE
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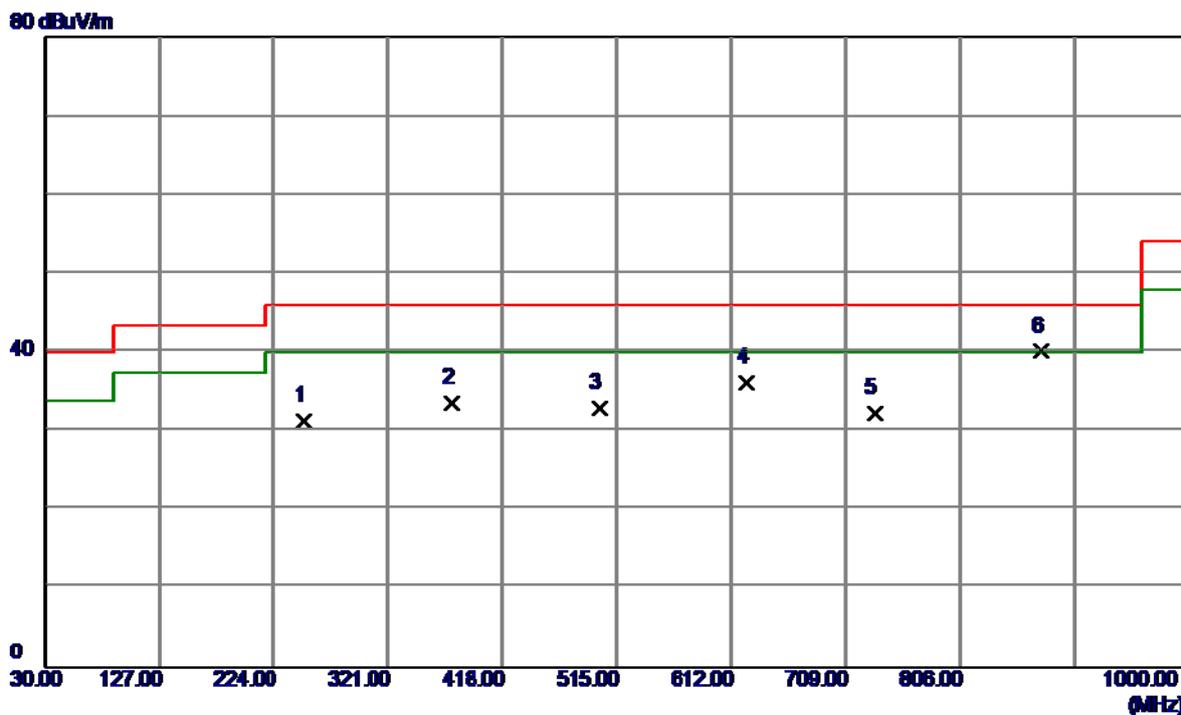
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0114	0°	13.68	24.8447	38.5247	126.4661	-87.9415	AVG
0.0114	0°	14.22	24.8447	39.0647	146.4661	-107.4015	PEAK
0.0263	0°	6.42	23.9010	30.3210	119.2051	-88.8841	AVG
0.0263	0°	8.64	23.9010	32.5410	139.2051	-106.6641	PEAK
0.0379	0°	3.12	23.1663	26.2863	116.0314	-89.7451	AVG
0.0379	0°	5.61	23.1663	28.7763	136.0314	-107.2551	PEAK
0.0525	0°	1.47	22.3500	23.8200	113.2010	-89.3810	AVG
0.0525	0°	2.57	22.3500	24.9200	133.2010	-108.2810	PEAK
0.5054	0°	19.25	19.8173	39.0673	73.5315	-34.4642	QP
1.9592	0°	23.73	19.5041	43.2341	69.5400	-26.3059	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0127	90°	13.62	24.3000	37.9200	125.5282	-87.6082	AVG
0.0127	90°	14.61	24.3000	38.9100	145.5282	-106.6182	PEAK
0.0249	90°	7.82	23.9897	31.8097	119.6802	-87.8706	AVG
0.0249	90°	8.23	23.9897	32.2197	139.6802	-107.4606	PEAK
0.0431	90°	5.42	22.8370	28.2570	114.9147	-86.6577	AVG
0.0431	90°	6.25	22.8370	29.0870	134.9147	-105.8277	PEAK
0.0574	90°	1.12	22.2520	23.3720	112.4260	-89.0540	AVG
0.0574	90°	2.61	22.2520	24.8620	132.4260	-107.5640	PEAK
0.6233	90°	22.08	20.1946	42.2746	71.7103	-29.4357	QP
2.0538	90°	24.43	19.4677	43.8977	69.5400	-25.6423	QP

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

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

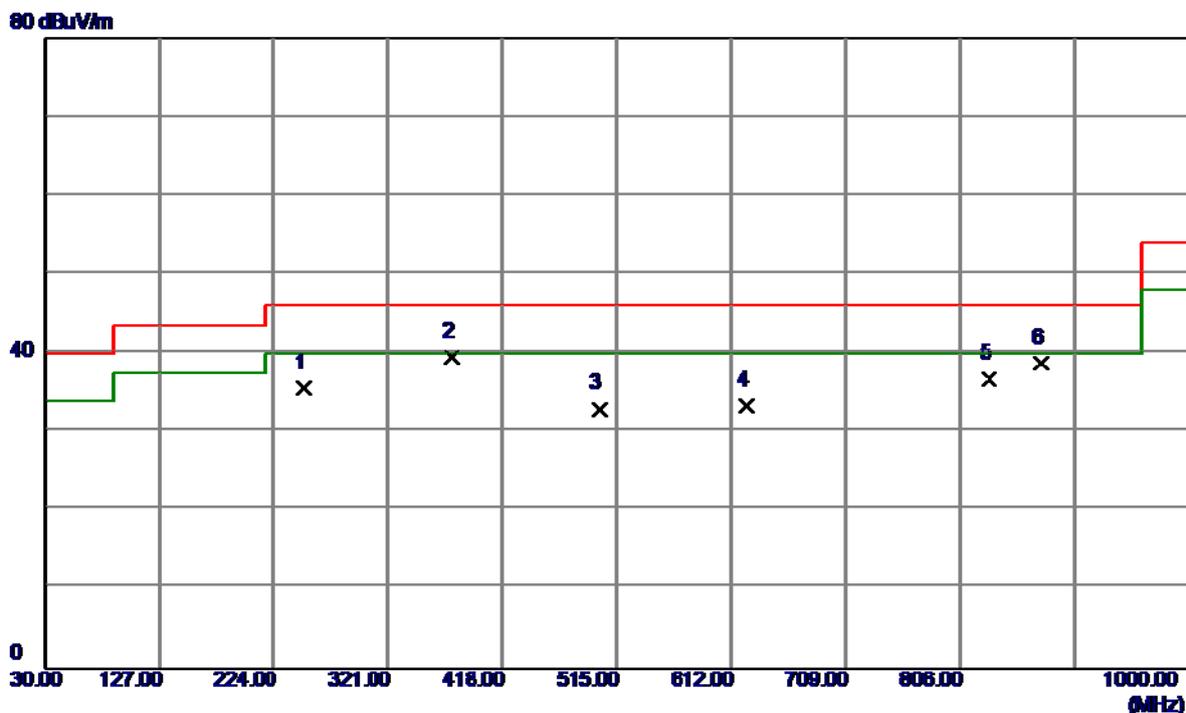
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.78	-13.37	31.41	46.00	-14.59	Peak	
2	375.3200	43.33	-9.78	33.55	46.00	-12.45	Peak	
3	500.4500	40.04	-7.15	32.89	46.00	-13.11	Peak	
4	624.6100	40.95	-4.77	36.18	46.00	-9.82	Peak	
5	733.2500	34.87	-2.59	32.28	46.00	-13.72	Peak	
6	874.8700	40.35	-0.20	40.15	46.00	-5.85	Peak	

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

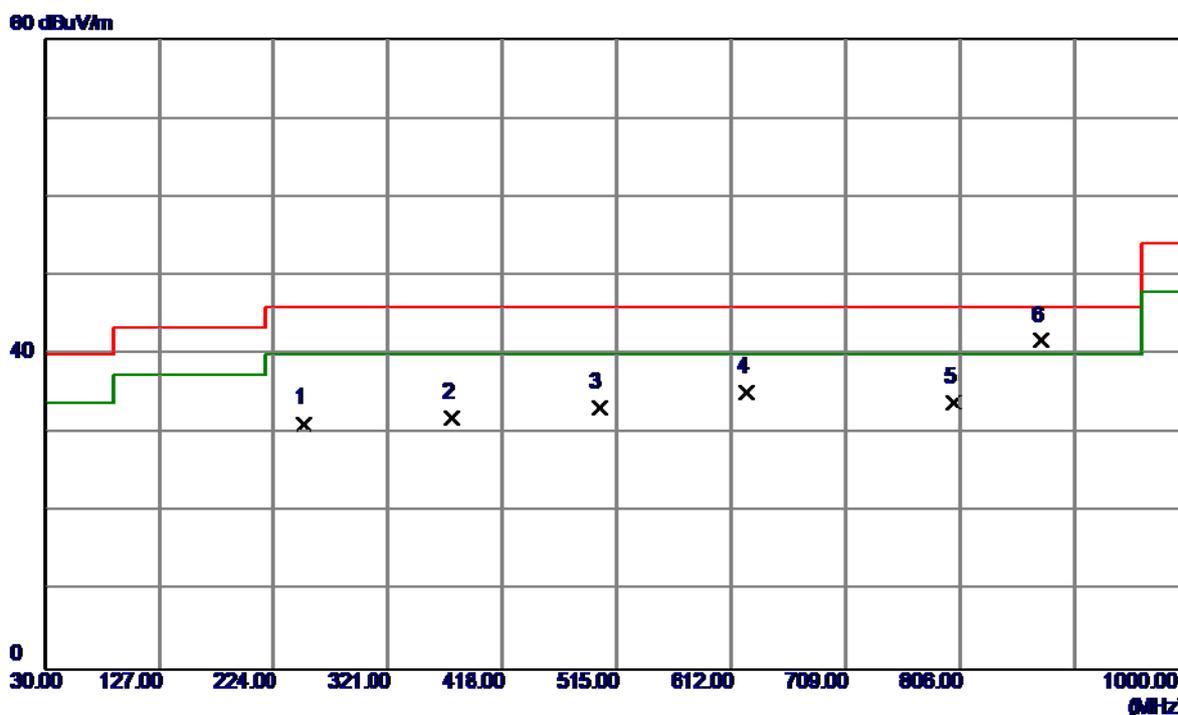
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	48.93	-13.37	35.56	46.00	-10.44	Peak	
2	375.3200	49.37	-9.78	39.59	46.00	-6.41	Peak	
3	500.4500	40.03	-7.15	32.88	46.00	-13.12	Peak	
4	624.6100	38.06	-4.77	33.29	46.00	-12.71	Peak	
5	831.2199	37.86	-1.14	36.72	46.00	-9.28	Peak	
6	874.8700	38.92	-0.20	38.72	46.00	-7.28	Peak	

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

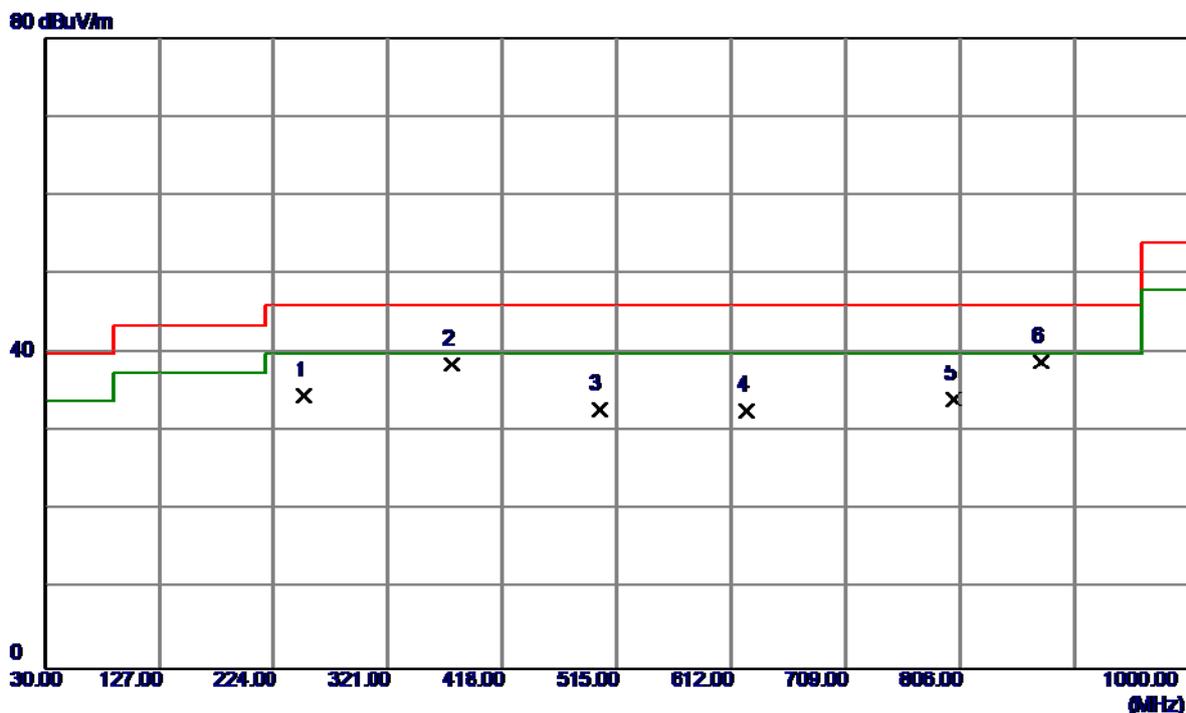
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.65	-13.37	31.28	46.00	-14.72	Peak	
2	375.3200	41.84	-9.78	32.06	46.00	-13.94	Peak	
3	500.4500	40.39	-7.15	33.24	46.00	-12.76	Peak	
4	624.6100	39.93	-4.77	35.16	46.00	-10.84	Peak	
5	800.1800	35.65	-1.68	33.97	46.00	-12.03	Peak	
6	874.8700	41.99	-0.20	41.79	46.00	-4.21	Peak	

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

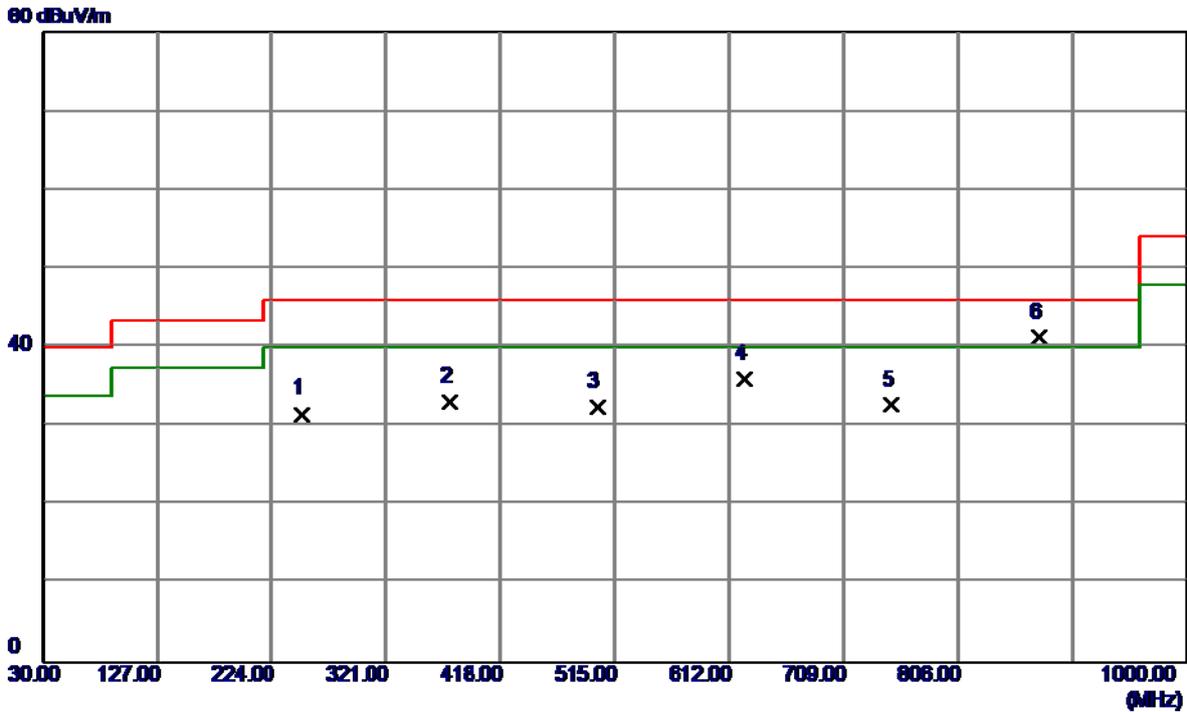
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	47.86	-13.37	34.49	46.00	-11.51	Peak	
2	375.3200	48.37	-9.78	38.59	46.00	-7.41	Peak	
3	500.4500	39.93	-7.15	32.78	46.00	-13.22	Peak	
4	624.6100	37.47	-4.77	32.70	46.00	-13.30	Peak	
5	800.1800	35.83	-1.68	34.15	46.00	-11.85	Peak	
6	874.8700	39.14	-0.20	38.94	46.00	-7.06	Peak	

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

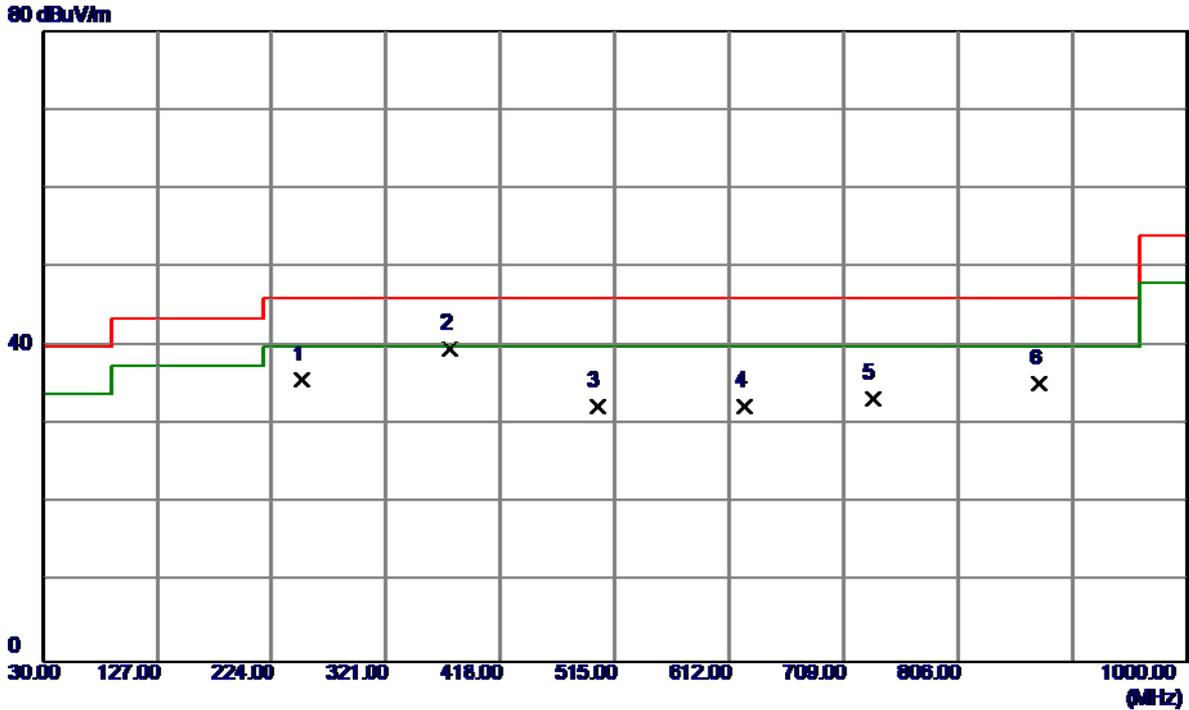
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.97	-13.37	31.60	46.00	-14.40	Peak	
2	375.3200	42.84	-9.78	33.06	46.00	-12.94	Peak	
3	500.4500	39.68	-7.15	32.53	46.00	-13.47	Peak	
4	624.6100	40.79	-4.77	36.02	46.00	-9.98	Peak	
5	749.7400	34.72	-2.00	32.72	46.00	-13.28	Peak	
6	874.8700	41.53	-0.20	41.33	46.00	-4.67	Peak	

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

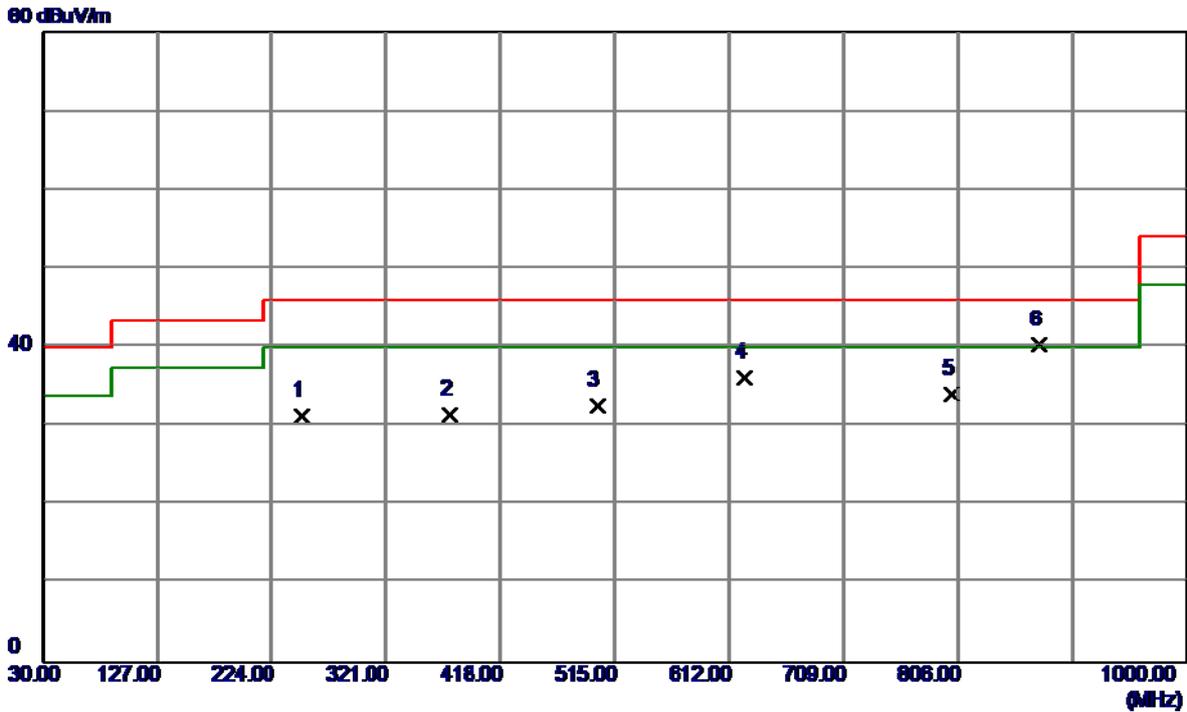
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.07	-13.37	35.70	46.00	-10.30	Peak	
2	375.3200	49.54	-9.78	39.76	46.00	-6.24	Peak	
3	500.4500	39.47	-7.15	32.32	46.00	-13.68	Peak	
4	624.6100	37.16	-4.77	32.39	46.00	-13.61	Peak	
5	733.2500	35.87	-2.59	33.28	46.00	-12.72	Peak	
6	874.8700	35.37	-0.20	35.17	46.00	-10.83	Peak	

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

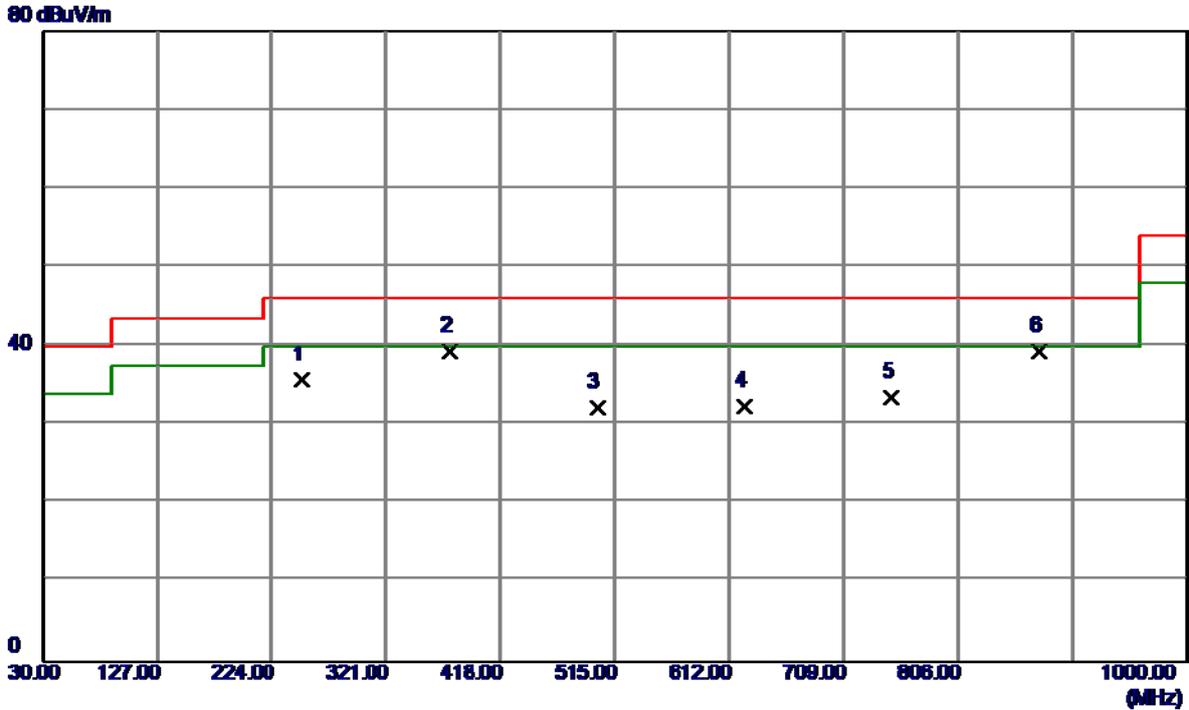
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.69	-13.37	31.32	46.00	-14.68	Peak	
2	375.3200	41.30	-9.78	31.52	46.00	-14.48	Peak	
3	500.4500	39.78	-7.15	32.63	46.00	-13.37	Peak	
4	624.6100	40.92	-4.77	36.15	46.00	-9.85	Peak	
5	800.1800	35.71	-1.68	34.03	46.00	-11.97	Peak	
6	874.8700	40.54	-0.20	40.34	46.00	-5.66	Peak	

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

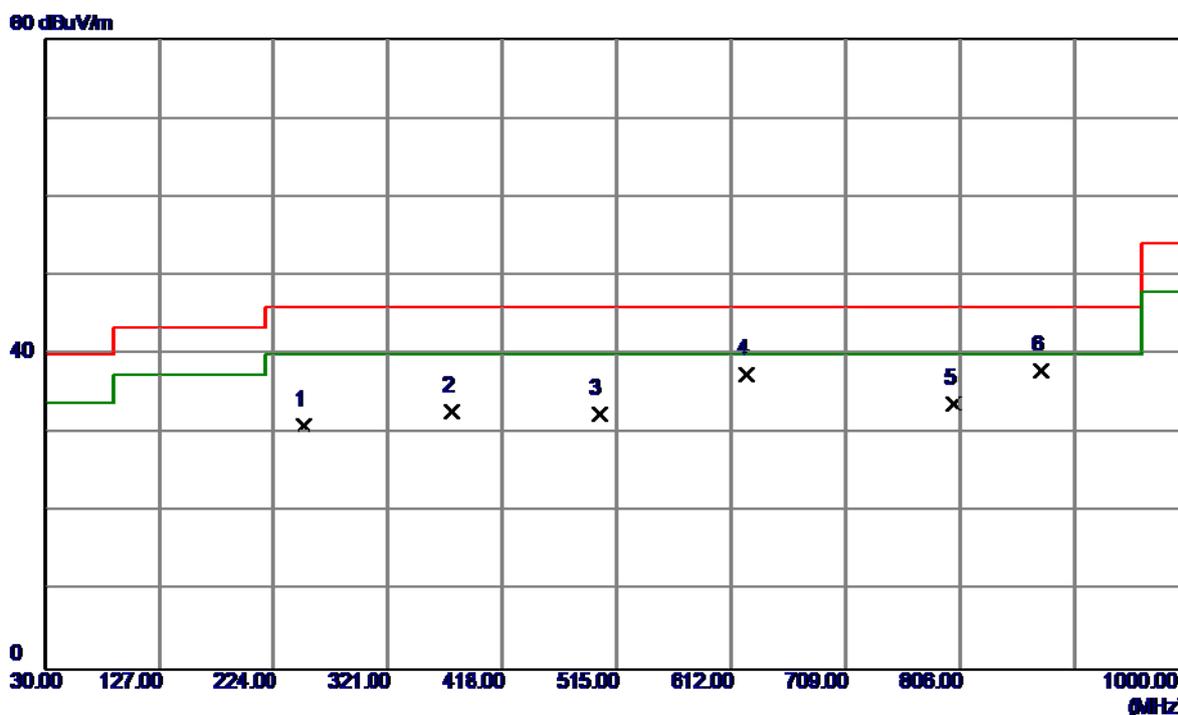
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.13	-13.37	35.76	46.00	-10.24	Peak	
2	375.3200	49.10	-9.78	39.32	46.00	-6.68	Peak	
3	500.4500	39.25	-7.15	32.10	46.00	-13.90	Peak	
4	624.6100	37.11	-4.77	32.34	46.00	-13.66	Peak	
5	749.7400	35.47	-2.00	33.47	46.00	-12.53	Peak	
6	874.8700	39.58	-0.20	39.38	46.00	-6.62	Peak	

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

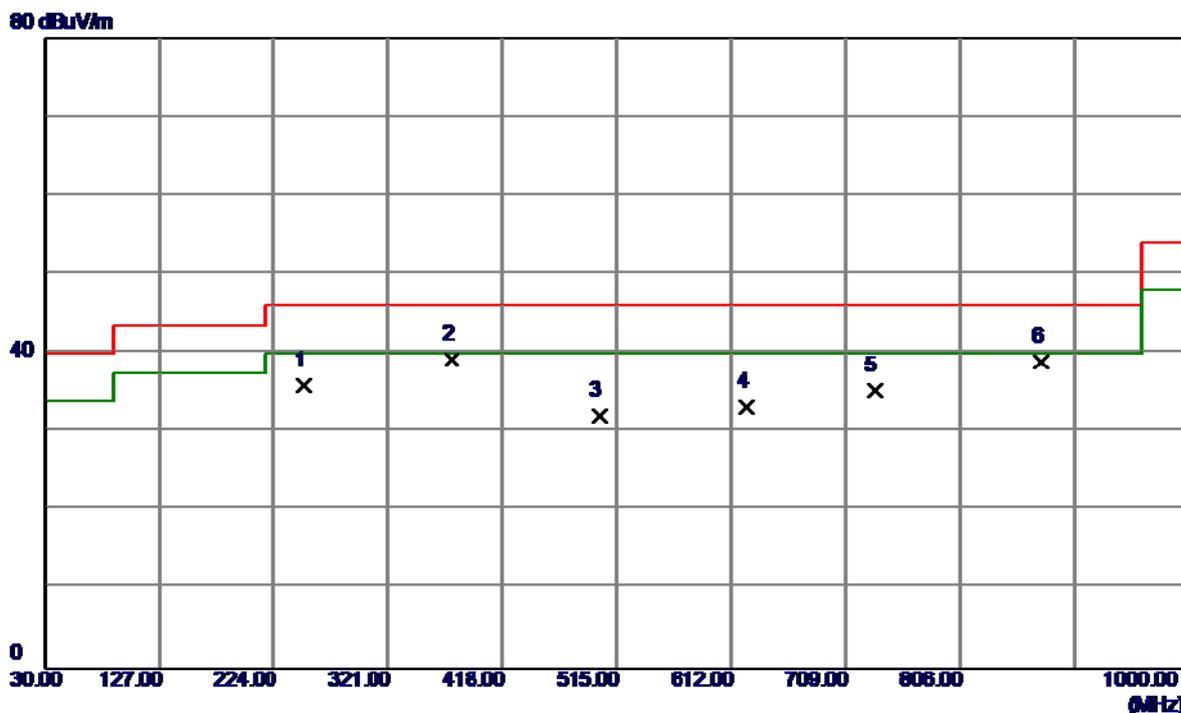
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.47	-13.37	31.10	46.00	-14.90	Peak	
2	375.3200	42.62	-9.78	32.84	46.00	-13.16	Peak	
3	500.4500	39.60	-7.15	32.45	46.00	-13.55	Peak	
4	624.6100	42.14	-4.77	37.37	46.00	-8.63	Peak	
5	800.1800	35.44	-1.68	33.76	46.00	-12.24	Peak	
6	874.8700	38.19	-0.20	37.99	46.00	-8.01	Peak	

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

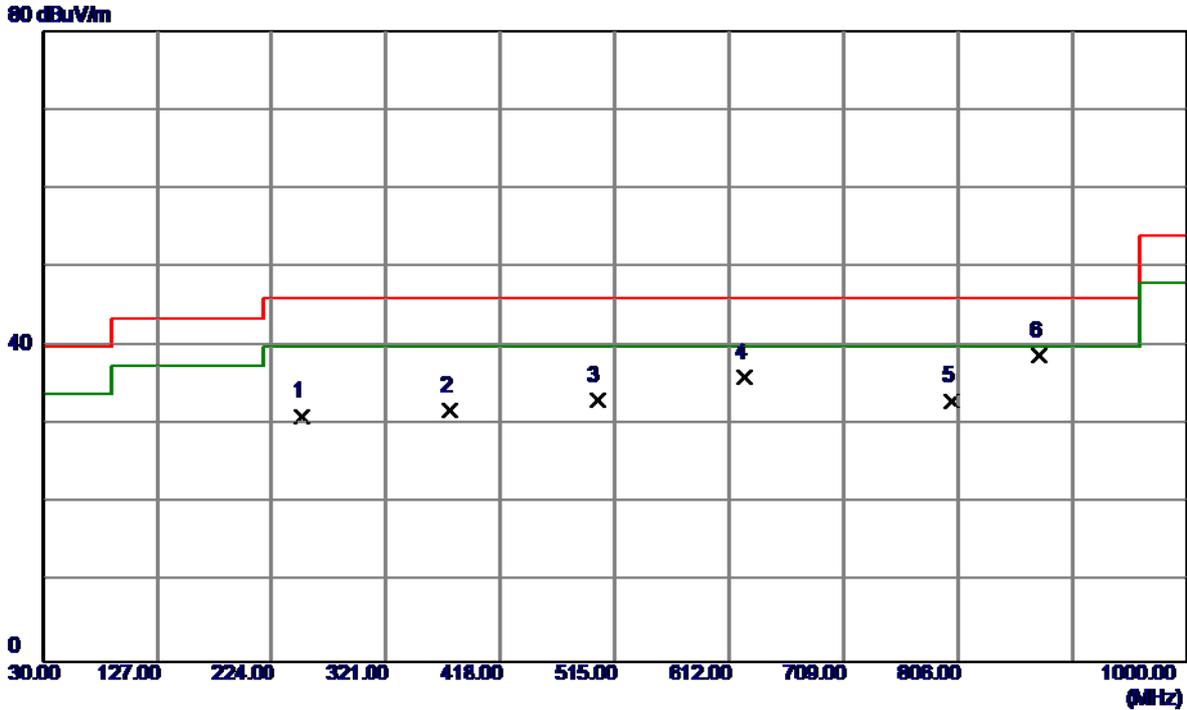
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.17	-13.37	35.80	46.00	-10.20	Peak	
2	375.3200	48.98	-9.78	39.20	46.00	-6.80	Peak	
3	500.4500	39.09	-7.15	31.94	46.00	-14.06	Peak	
4	624.6100	37.93	-4.77	33.16	46.00	-12.84	Peak	
5	733.2500	37.80	-2.59	35.21	46.00	-10.79	Peak	
6	874.8700	39.11	-0.20	38.91	46.00	-7.09	Peak	

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

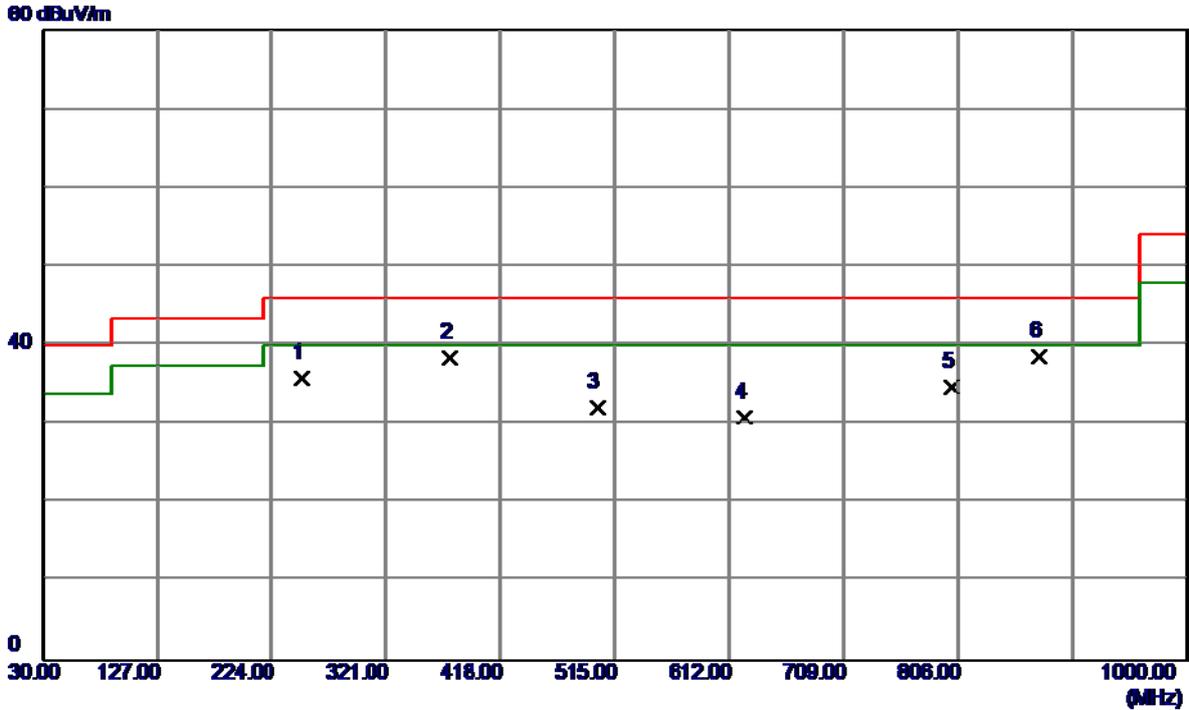
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.44	-13.37	31.07	46.00	-14.93	Peak	
2	375.3200	41.54	-9.78	31.76	46.00	-14.24	Peak	
3	500.4500	40.19	-7.15	33.04	46.00	-12.96	Peak	
4	624.6100	40.84	-4.77	36.07	46.00	-9.93	Peak	
5	800.1800	34.69	-1.68	33.01	46.00	-12.99	Peak	
6	871.8700	39.00	-0.20	38.80	46.00	-7.20	Peak	

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

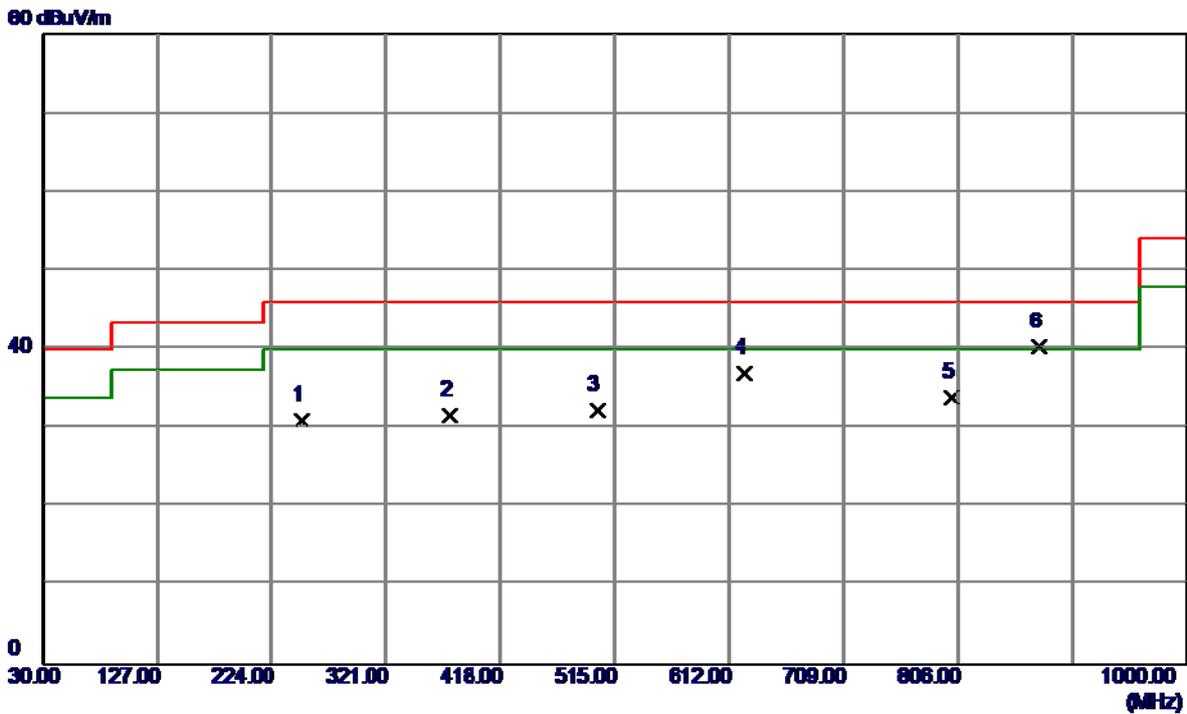
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.28	-13.37	35.91	46.00	-10.09	Peak	
2	375.3200	48.11	-9.78	38.33	46.00	-7.67	Peak	
3	500.4500	39.25	-7.15	32.10	46.00	-13.90	Peak	
4	624.6100	35.68	-4.77	30.91	46.00	-15.09	Peak	
5	800.1800	36.38	-1.68	34.70	46.00	-11.30	Peak	
6	874.8700	38.77	-0.20	38.57	46.00	-7.43	Peak	

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

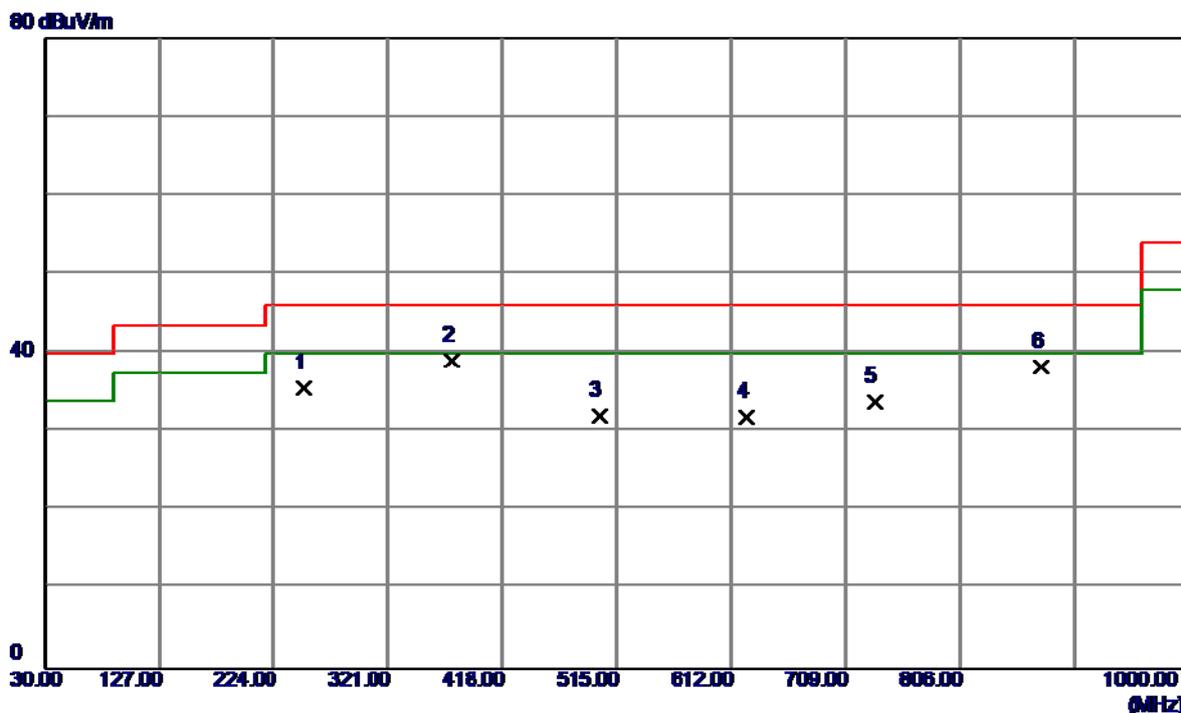
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.41	-13.37	31.04	46.00	-14.96	Peak	
2	375.3200	41.49	-9.78	31.71	46.00	-14.29	Peak	
3	500.4500	39.41	-7.15	32.26	46.00	-13.74	Peak	
4	624.6100	41.79	-4.77	37.02	46.00	-8.98	Peak	
5	800.1800	35.59	-1.68	33.91	46.00	-12.09	Peak	
6	874.8700	40.58	-0.20	40.38	46.00	-5.62	Peak	

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

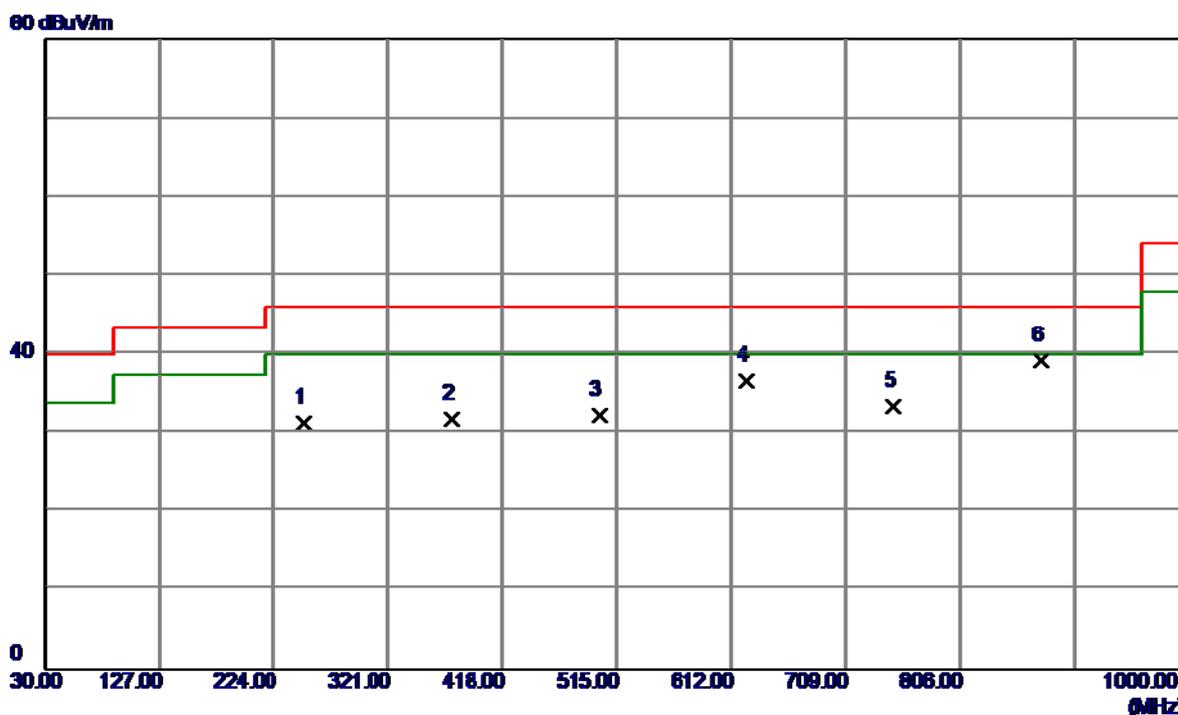
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	48.94	-13.37	35.57	46.00	-10.43	Peak	
2	375.3200	48.87	-9.78	39.09	46.00	-6.91	Peak	
3	500.4500	39.16	-7.15	32.01	46.00	-13.99	Peak	
4	624.6100	36.55	-4.77	31.78	46.00	-14.22	Peak	
5	733.2500	36.29	-2.59	33.70	46.00	-12.30	Peak	
6	874.8700	38.50	-0.20	38.30	46.00	-7.70	Peak	

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

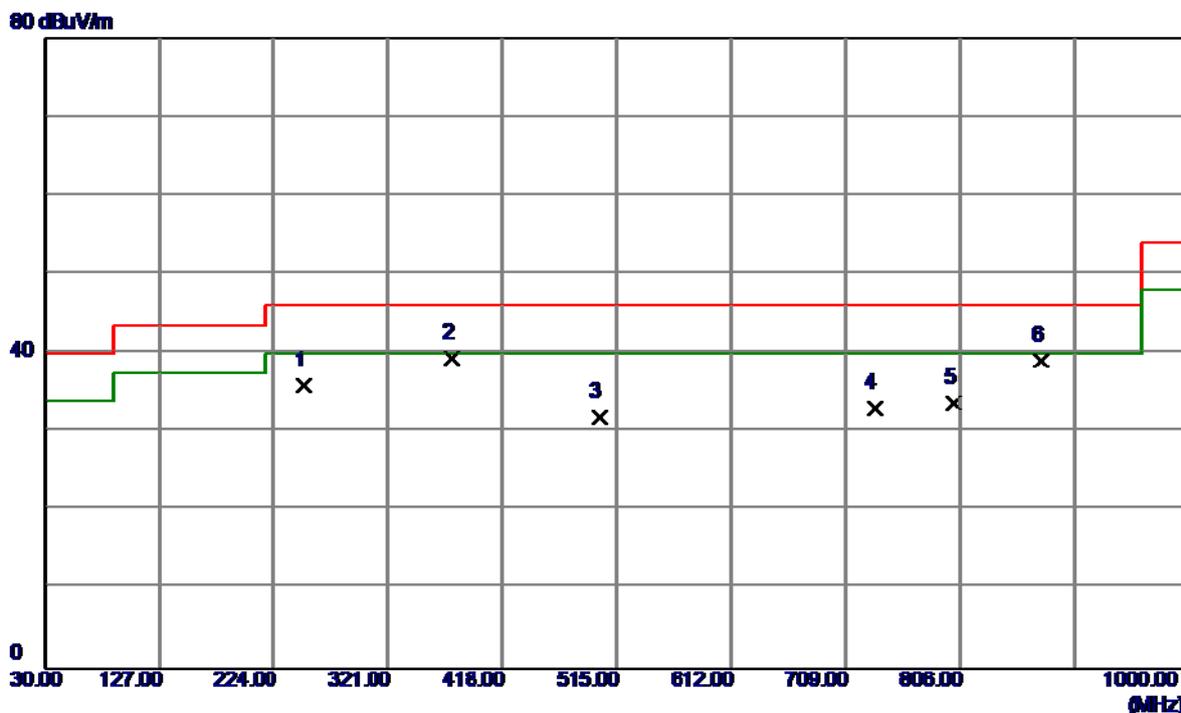
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.76	-13.37	31.39	46.00	-14.61	Peak	
2	375.3200	41.67	-9.78	31.89	46.00	-14.11	Peak	
3	500.4500	39.48	-7.15	32.33	46.00	-13.67	Peak	
4	624.6100	41.38	-4.77	36.61	46.00	-9.39	Peak	
5	749.7400	35.51	-2.00	33.51	46.00	-12.49	Peak	
6	874.8700	39.39	-0.20	39.19	46.00	-6.81	Peak	

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

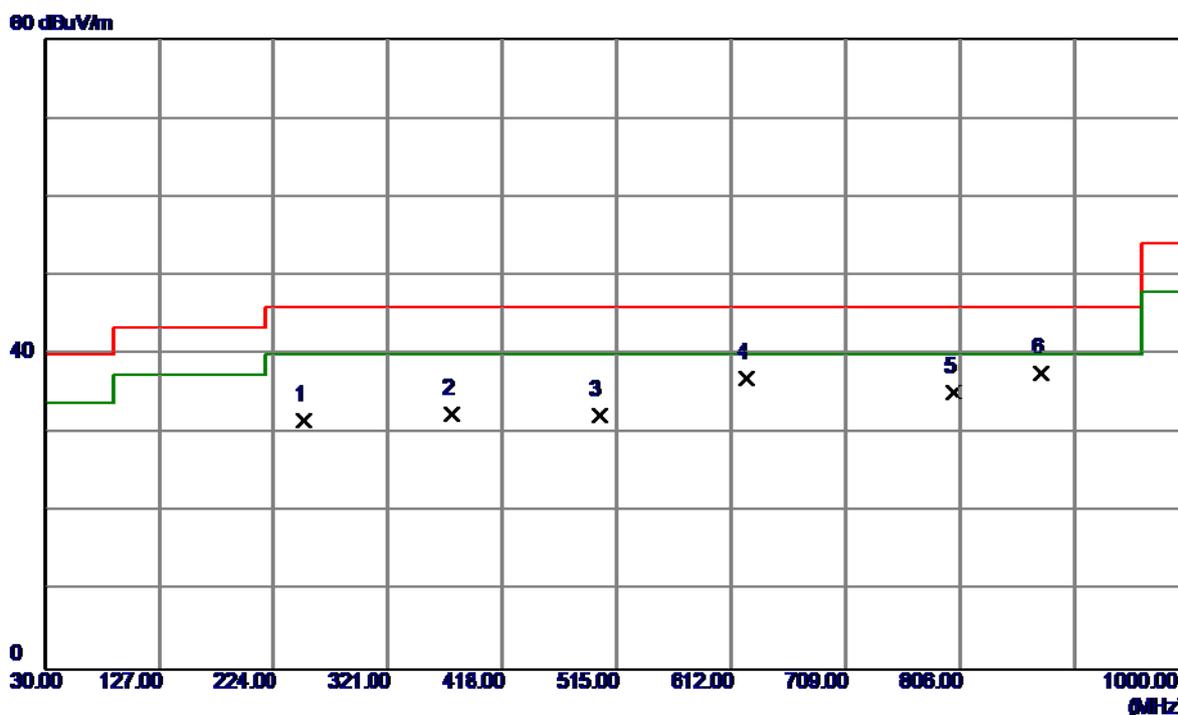
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.17	-13.37	35.80	46.00	-10.20	Peak	
2	375.3200	49.19	-9.78	39.41	46.00	-6.59	Peak	
3	500.4500	39.06	-7.15	31.91	46.00	-14.09	Peak	
4	733.2500	35.58	-2.59	32.99	46.00	-13.01	Peak	
5	800.1800	35.31	-1.68	33.63	46.00	-12.37	Peak	
6	874.8700	39.25	-0.20	39.05	46.00	-6.95	Peak	

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

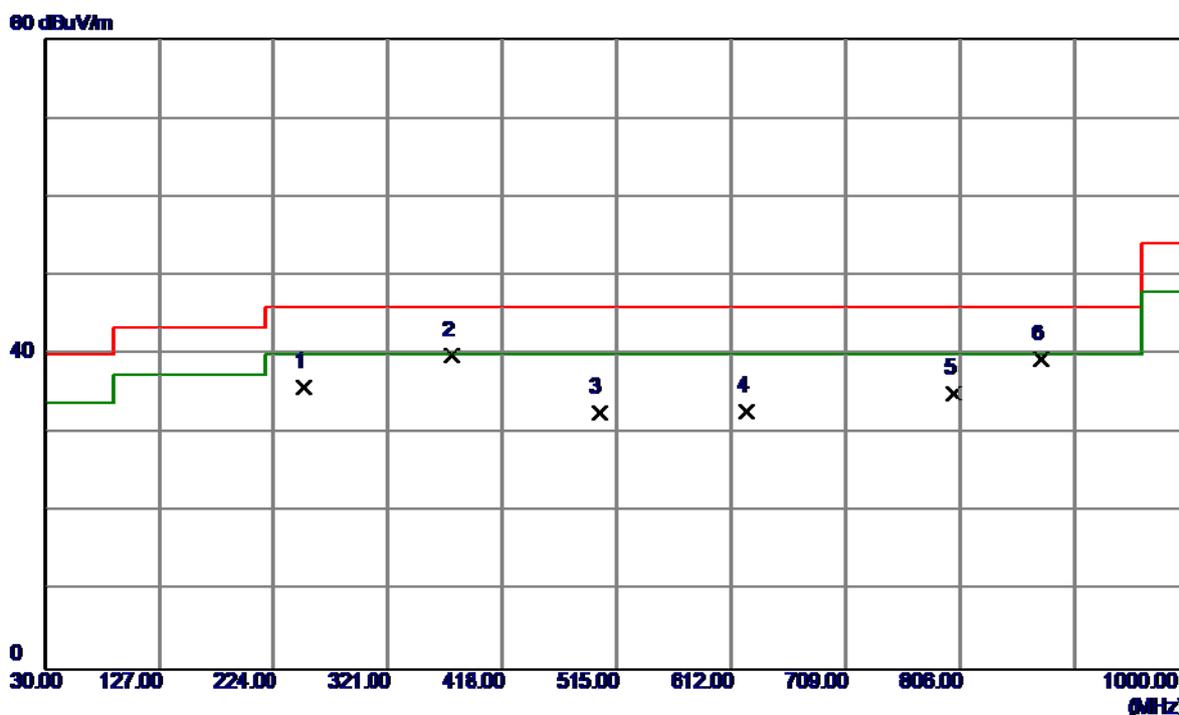
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	45.07	-13.37	31.70	46.00	-14.30	Peak	
2	375.3200	42.27	-9.78	32.49	46.00	-13.51	Peak	
3	500.4500	39.40	-7.15	32.25	46.00	-13.75	Peak	
4	624.6100	41.77	-4.77	37.00	46.00	-9.00	Peak	
5	800.1800	36.82	-1.68	35.14	46.00	-10.86	Peak	
6	874.8700	37.75	-0.20	37.55	46.00	-8.45	Peak	

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

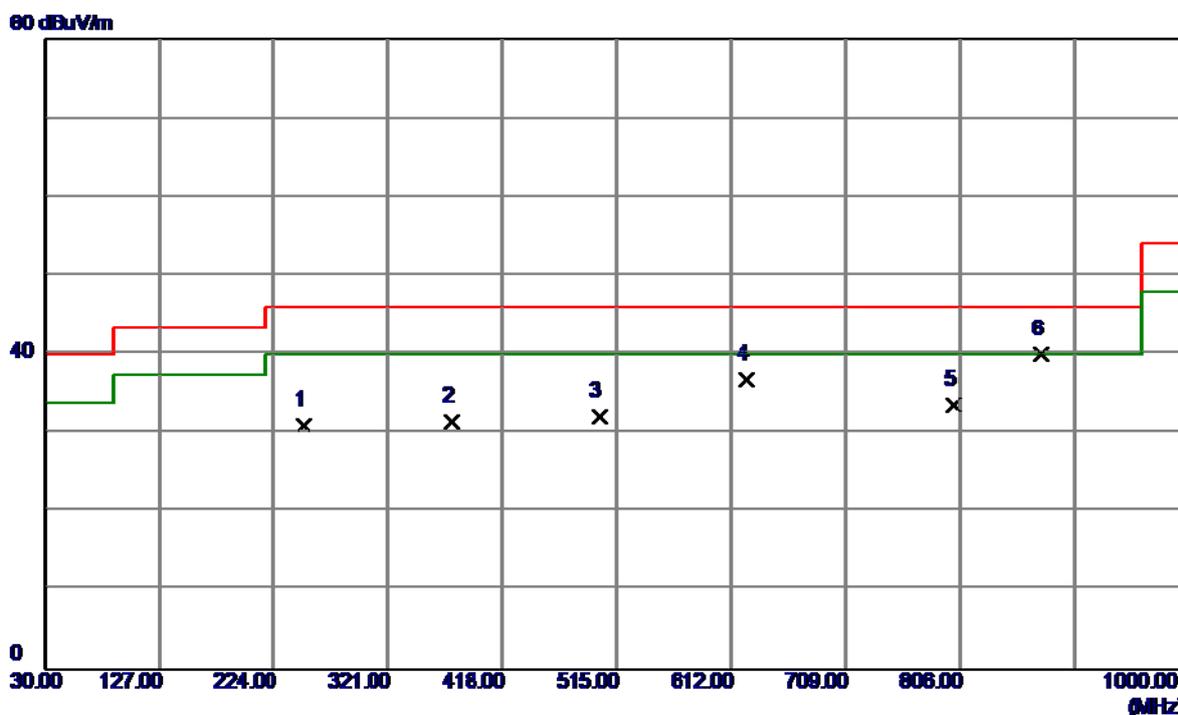
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.25	-13.37	35.88	46.00	-10.12	Peak	
2	375.3200	49.55	-9.78	39.77	46.00	-6.23	Peak	
3	500.4500	39.81	-7.15	32.66	46.00	-13.34	Peak	
4	624.6100	37.58	-4.77	32.81	46.00	-13.19	Peak	
5	800.1800	36.71	-1.68	35.03	46.00	-10.97	Peak	
6	874.8700	39.63	-0.20	39.43	46.00	-6.57	Peak	

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

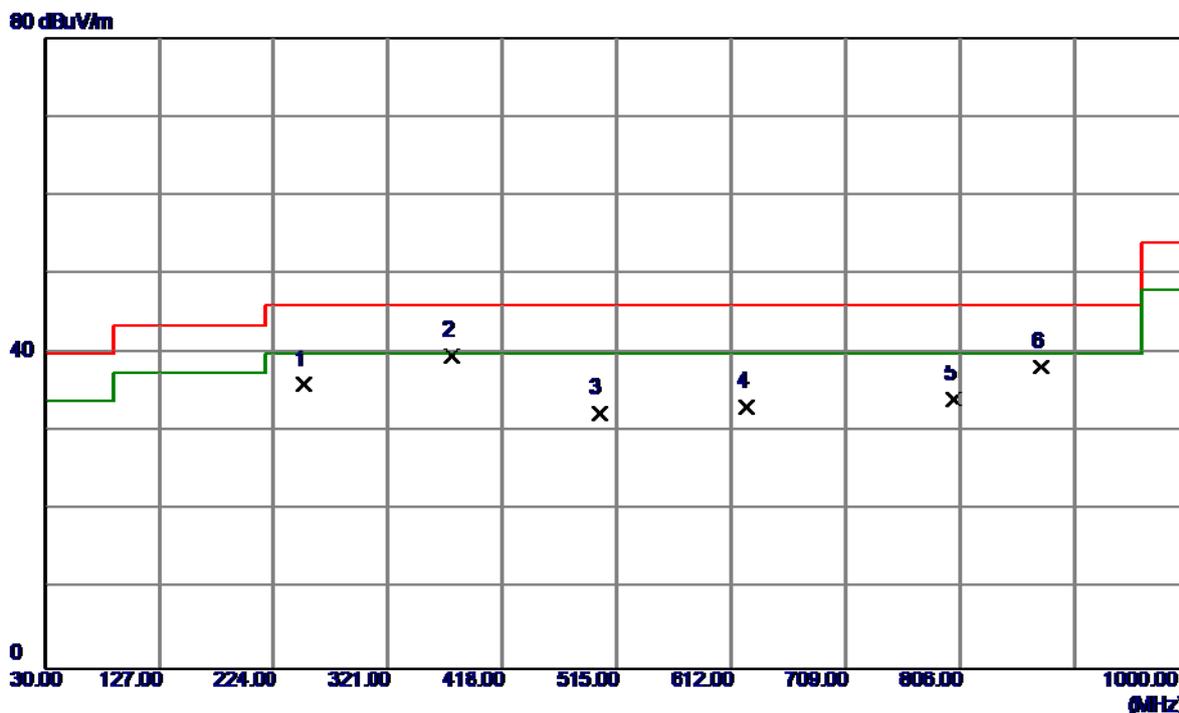
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.34	-13.37	30.97	46.00	-15.03	Peak	
2	375.3200	41.27	-9.78	31.49	46.00	-14.51	Peak	
3	500.4500	39.31	-7.15	32.16	46.00	-13.84	Peak	
4	624.6100	41.54	-4.77	36.77	46.00	-9.23	Peak	
5	800.1800	35.21	-1.68	33.53	46.00	-12.47	Peak	
6	874.8700	40.15	-0.20	39.95	46.00	-6.05	Peak	

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

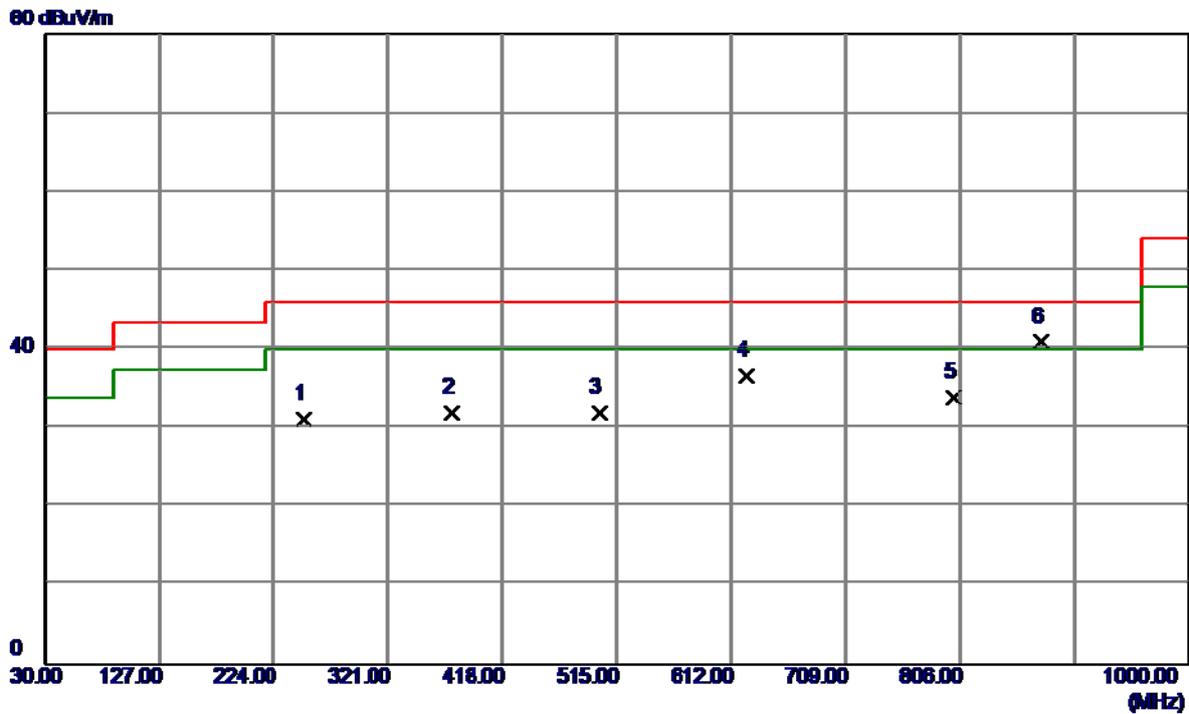
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.38	-13.37	36.01	46.00	-9.99	Peak	
2	375.3200	49.50	-9.78	39.72	46.00	-6.28	Peak	
3	500.4500	39.43	-7.15	32.28	46.00	-13.72	Peak	
4	624.6100	37.87	-4.77	33.10	46.00	-12.90	Peak	
5	800.1800	35.71	-1.68	34.03	46.00	-11.97	Peak	
6	874.8700	38.48	-0.20	38.28	46.00	-7.72	Peak	

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

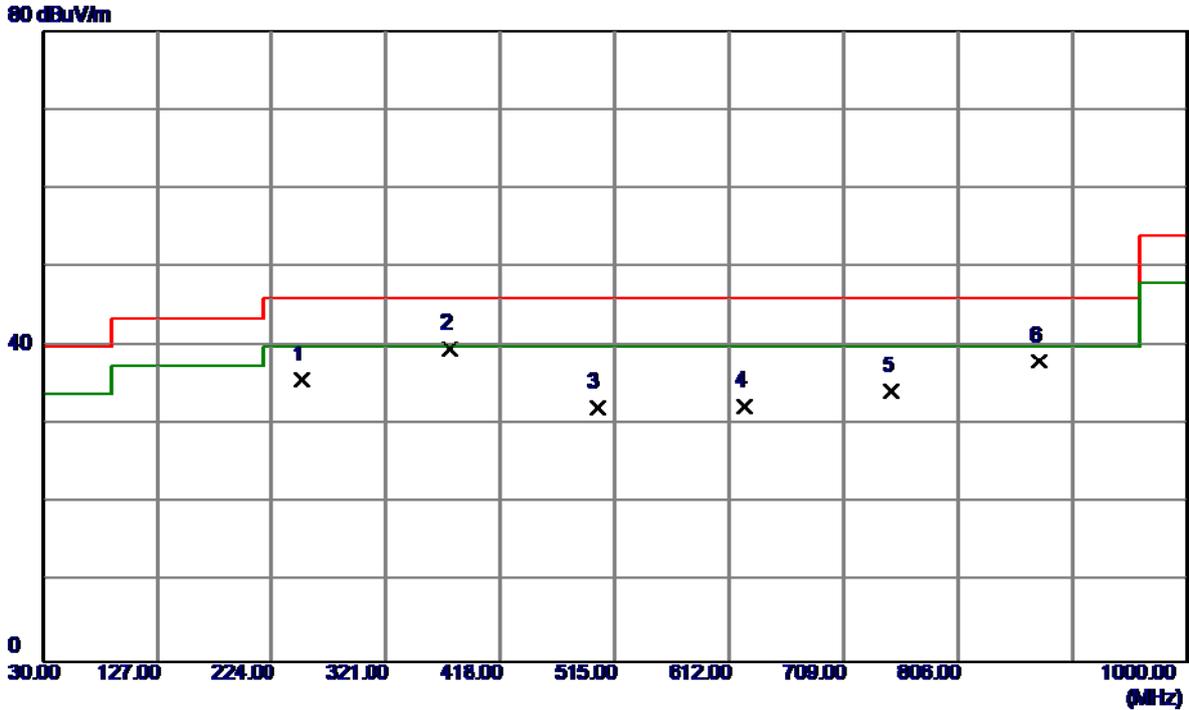
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.62	-13.37	31.25	46.00	-14.75	Peak	
2	375.3200	41.83	-9.78	32.05	46.00	-13.95	Peak	
3	500.4500	39.14	-7.15	31.99	46.00	-14.01	Peak	
4	624.6100	41.47	-4.77	36.70	46.00	-9.30	Peak	
5	800.1800	35.62	-1.68	33.94	46.00	-12.06	Peak	
6	874.8700	41.23	-0.20	41.03	46.00	-4.97	Peak	

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

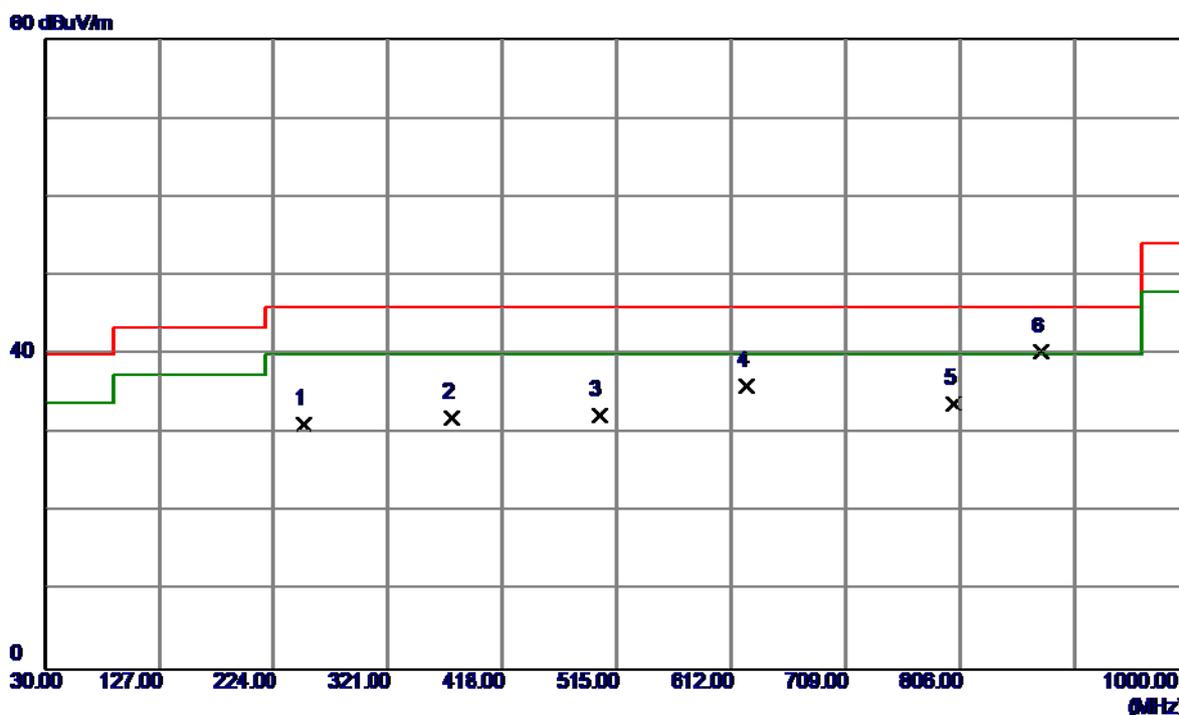
Horizontal



No.	Freq. (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measurement (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	250.1900	49.06	-13.37	35.69	46.00	-10.31	Peak	
2	375.3200	49.46	-9.78	39.68	46.00	-6.32	Peak	
3	500.4500	39.37	-7.15	32.22	46.00	-13.78	Peak	
4	624.6100	37.04	-4.77	32.27	46.00	-13.73	Peak	
5	749.7400	36.19	-2.00	34.19	46.00	-11.81	Peak	
6	874.8700	38.29	-0.20	38.09	46.00	-7.91	Peak	

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

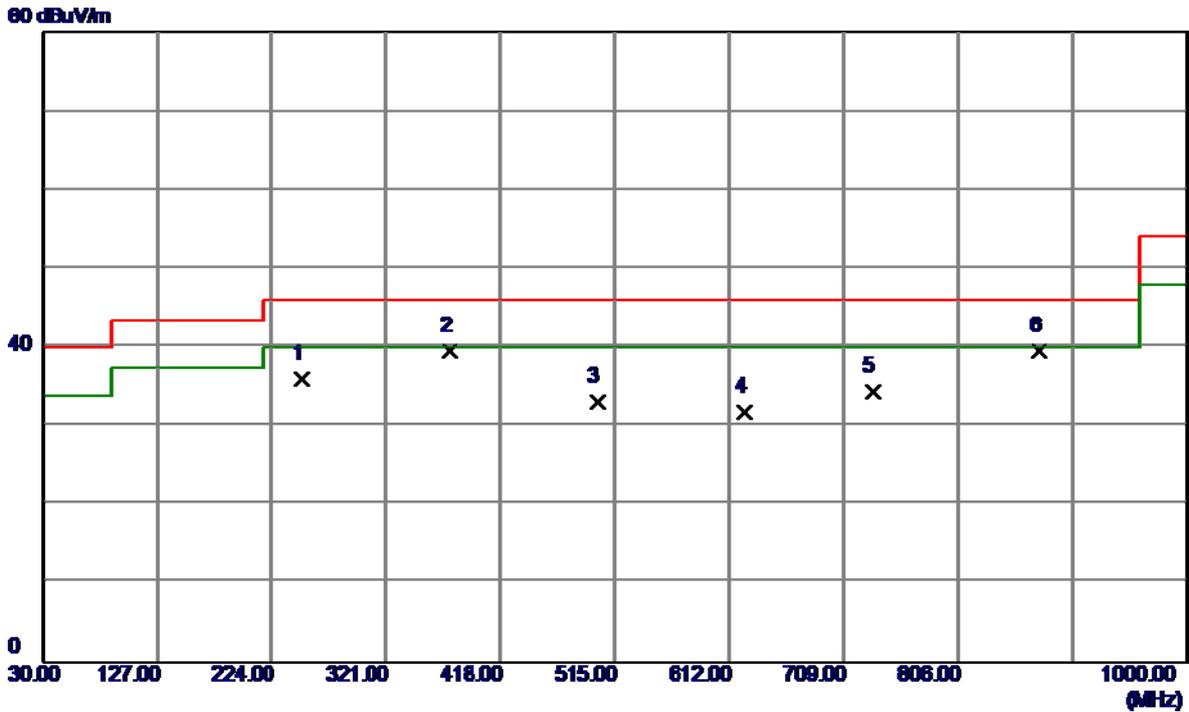
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	44.54	-13.37	31.17	46.00	-14.83	Peak	
2	375.3200	41.80	-9.78	32.02	46.00	-13.98	Peak	
3	500.4500	39.50	-7.15	32.35	46.00	-13.65	Peak	
4	624.6100	40.72	-4.77	35.95	46.00	-10.05	Peak	
5	800.1800	35.49	-1.68	33.81	46.00	-12.19	Peak	
6	874.8700	40.50	-0.20	40.30	46.00	-5.70	Peak	

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

Horizontal



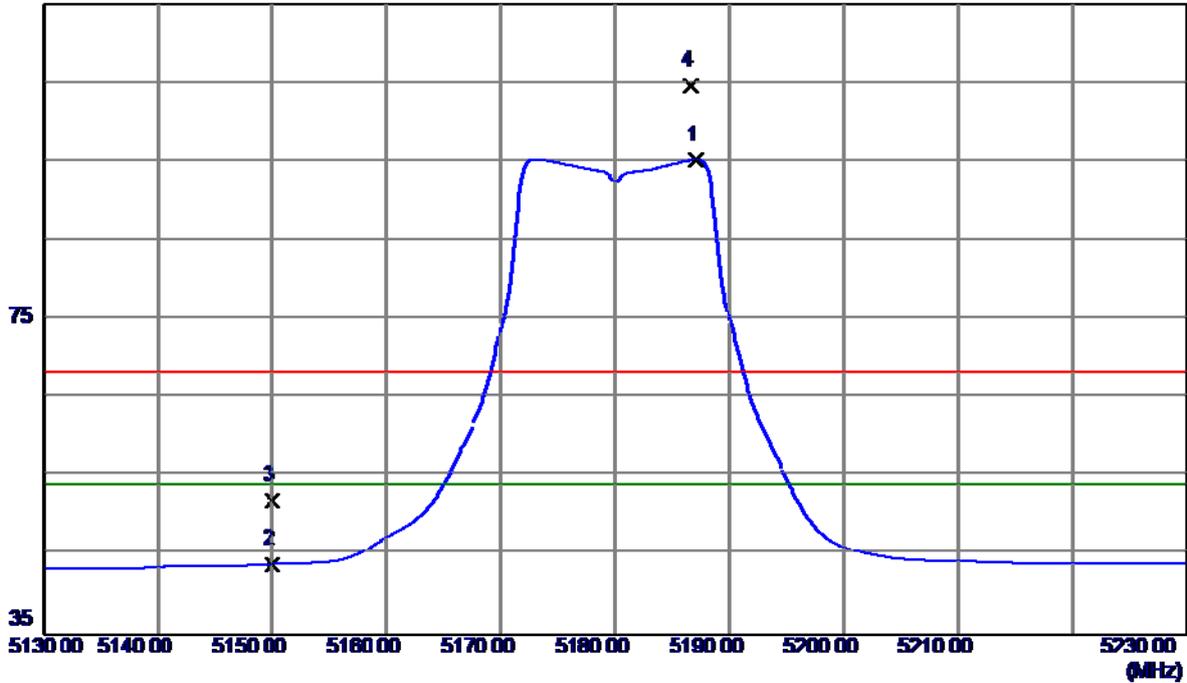
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	250.1900	49.40	-13.37	36.03	46.00	-9.97	Peak	
2	375.3200	49.37	-9.78	39.59	46.00	-6.41	Peak	
3	500.4500	40.29	-7.15	33.14	46.00	-12.86	Peak	
4	624.6100	36.61	-4.77	31.84	46.00	-14.16	Peak	
5	733.2500	37.03	-2.59	34.44	46.00	-11.56	Peak	
6	874.8700	39.72	-0.20	39.52	46.00	-6.48	Peak	

## ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

**Vertical**

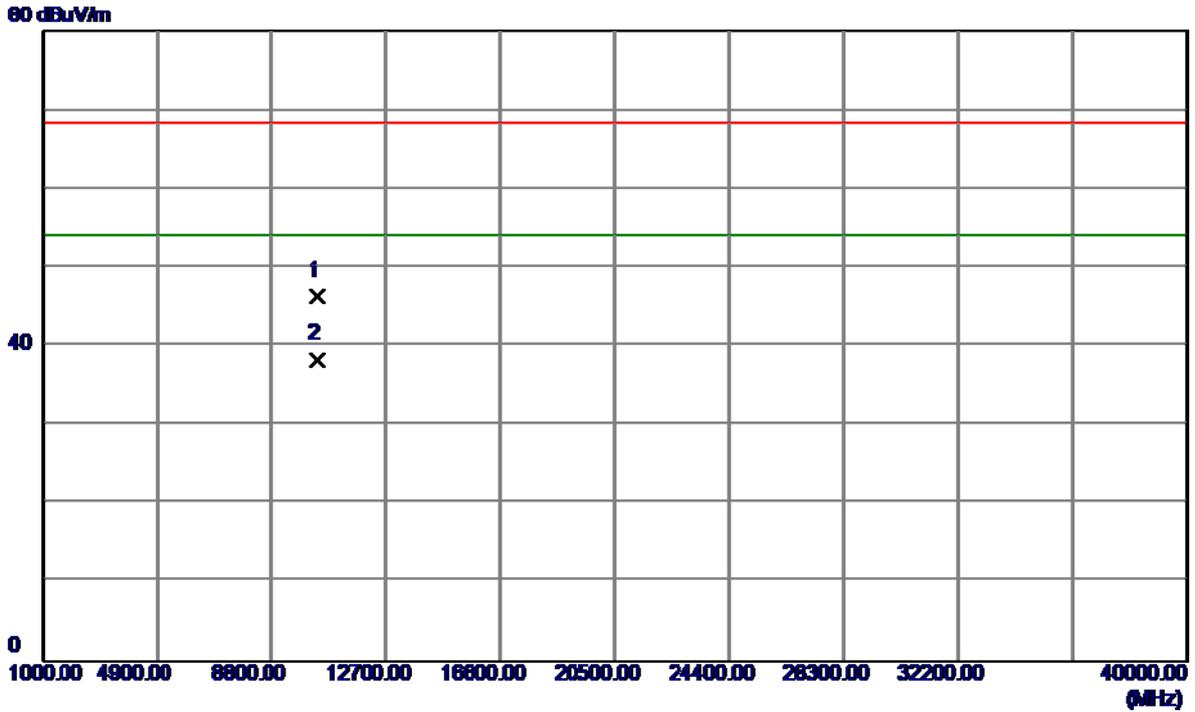
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5187.1000	54.91	40.30	95.21	54.00	41.21	AVG	No Limit
2	5150.0000	3.66	40.22	43.88	54.00	-10.12	AVG	
3	5150.0000	11.75	40.22	51.97	68.30	-16.33	Peak	
4	5186.7000	64.37	40.30	104.67	68.30	36.37	Peak	No Limit

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

**Vertical**

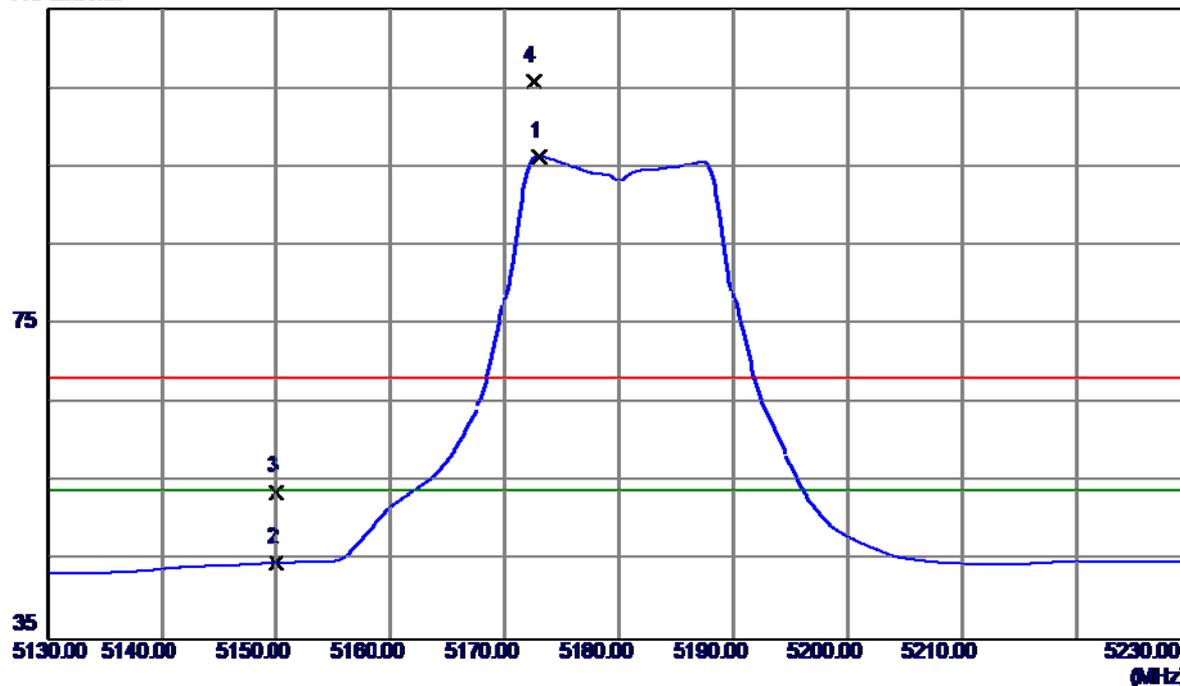


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.2600	32.52	13.86	46.38	68.30	-21.92	Peak	
2	10360.3700	24.46	13.86	38.32	54.00	-15.68	AVG	

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

### Horizontal

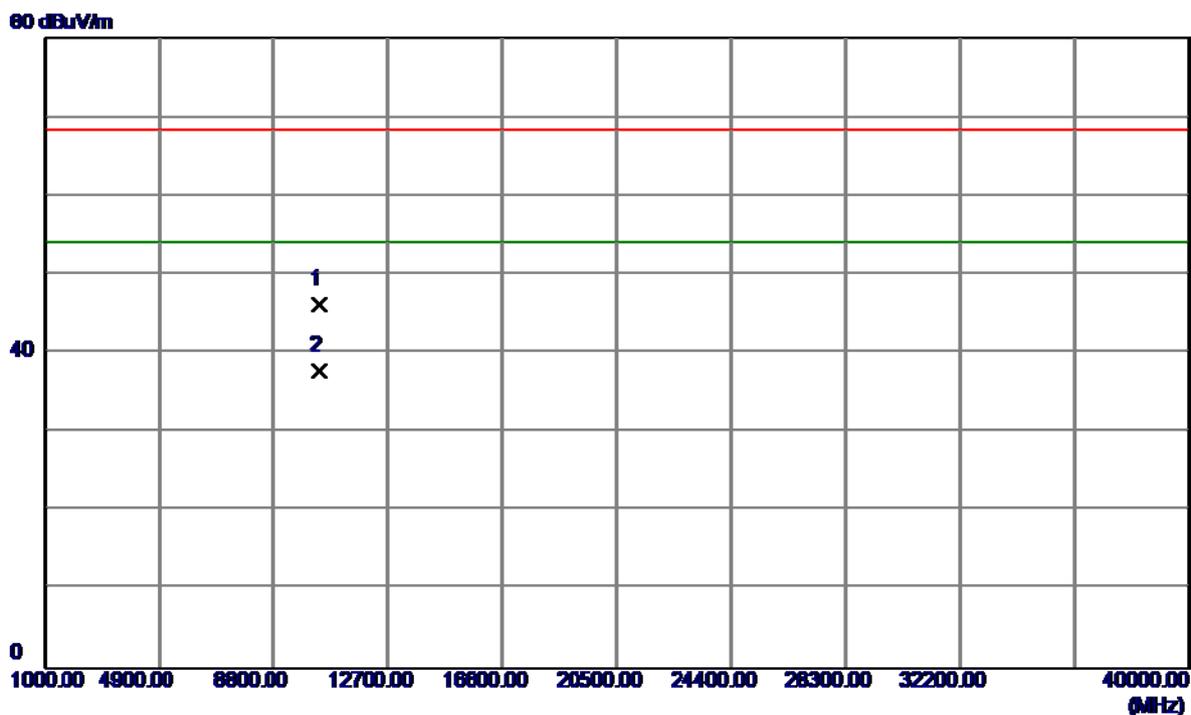
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5173.0000	56.04	40.27	96.31	54.00	42.31	AVG	No Limit
2	5150.0000	4.55	40.22	44.77	54.00	-9.23	AVG	
3	5150.0000	13.58	40.22	53.80	68.30	-14.50	Peak	
4	5172.5000	65.69	40.27	105.96	68.30	37.66	Peak	No Limit

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

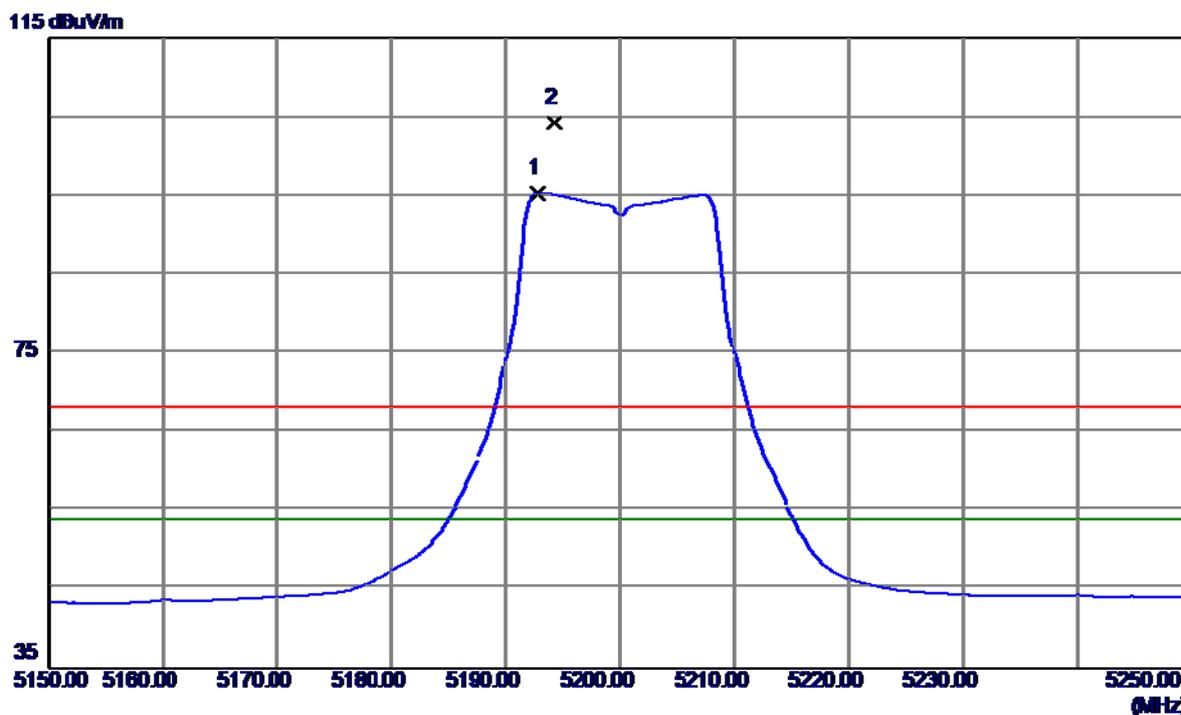
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.2699	32.42	13.86	46.28	68.30	-22.02	Peak	
2	10360.8990	23.92	13.86	37.78	54.00	-16.22	AVG	

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

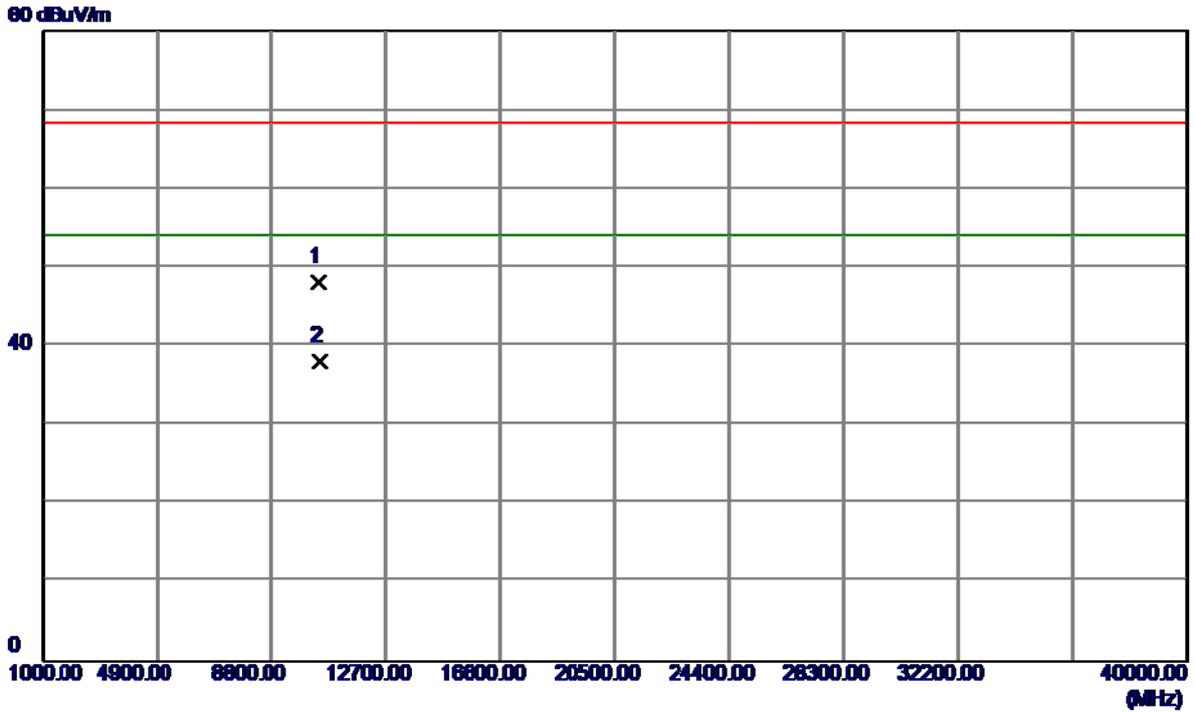
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5192.8000	55.05	40.31	95.36	54.00	41.36	AVG	No Limit
2	5194.2000	63.92	40.31	104.23	68.30	35.93	Peak	No Limit

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

**Vertical**

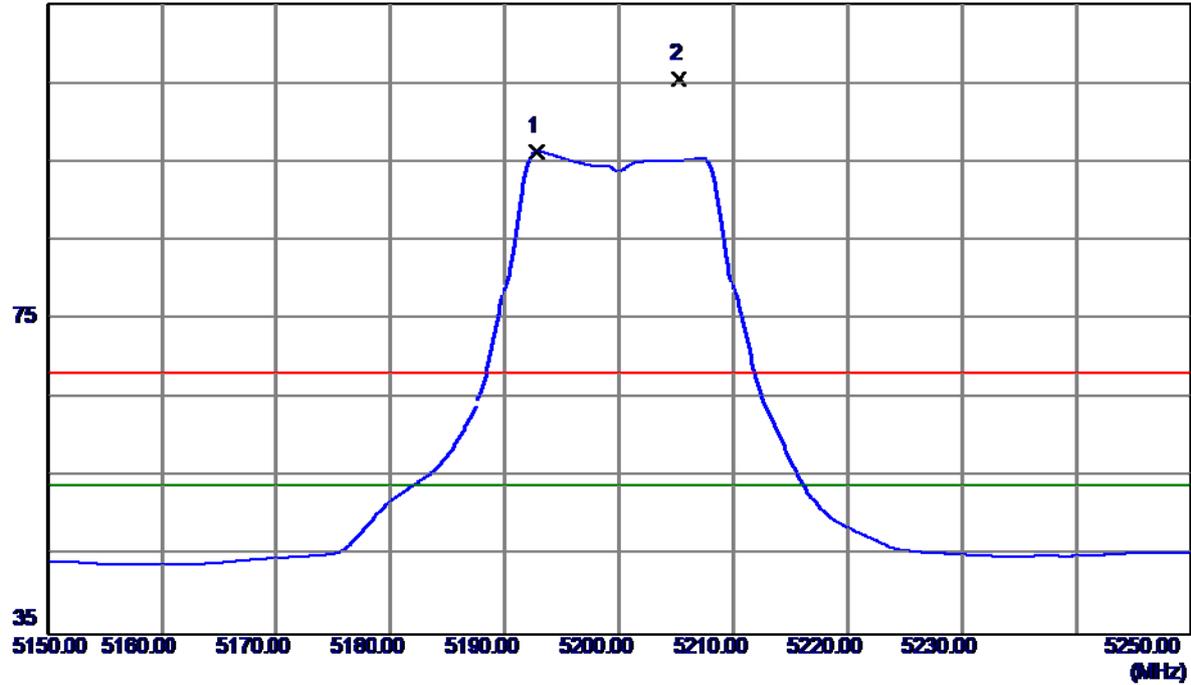


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.4900	34.41	13.80	48.21	68.30	-20.09	Peak	
2	10440.2900	24.26	13.75	38.01	54.00	-15.99	AVG	

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

### Horizontal

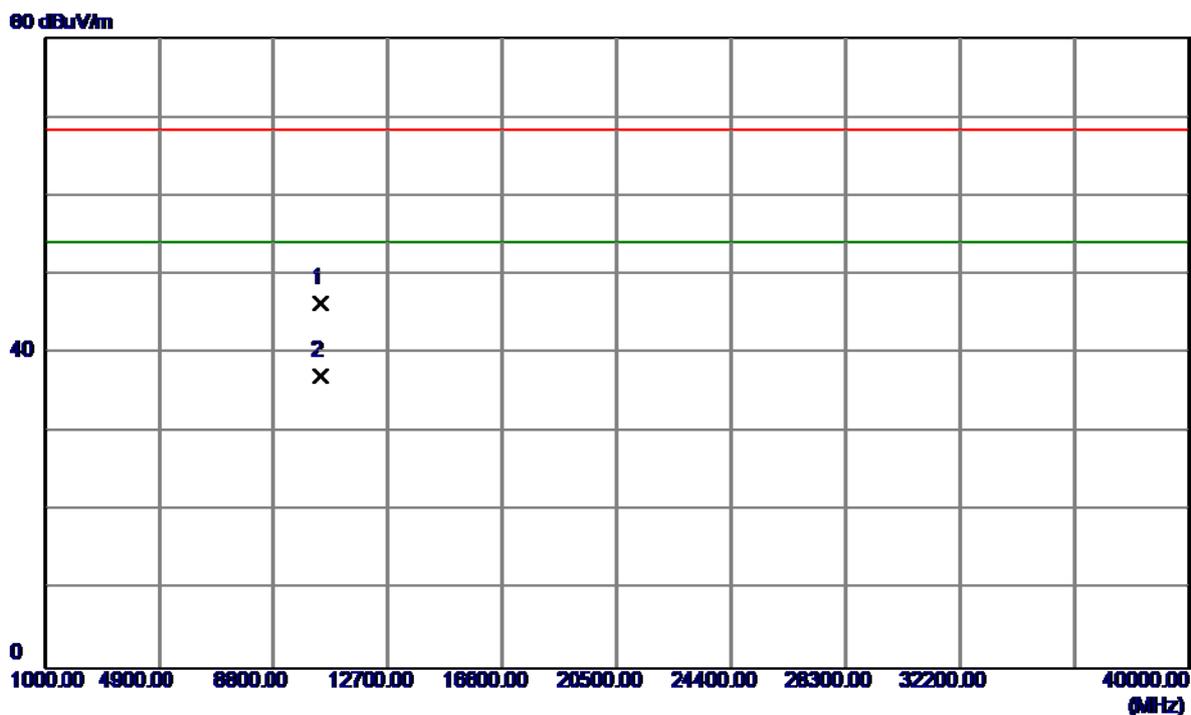
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5192.8000	56.02	40.31	96.33	54.00	42.33	AVG	No Limit
2	5205.2000	65.21	40.33	105.54	68.30	37.24	Peak	No Limit

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

### Horizontal

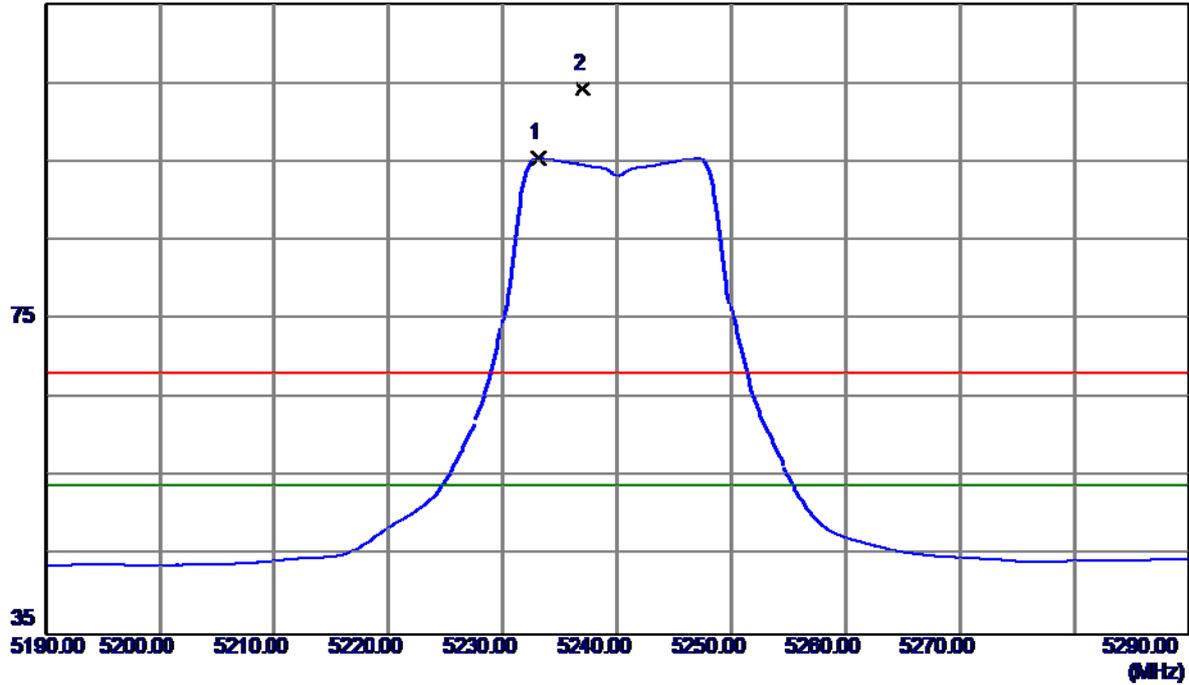


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.3200	32.55	13.80	46.35	68.30	-21.95	Peak	
2	10400.3200	23.30	13.80	37.10	54.00	16.90	AVG	

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

**Vertical**

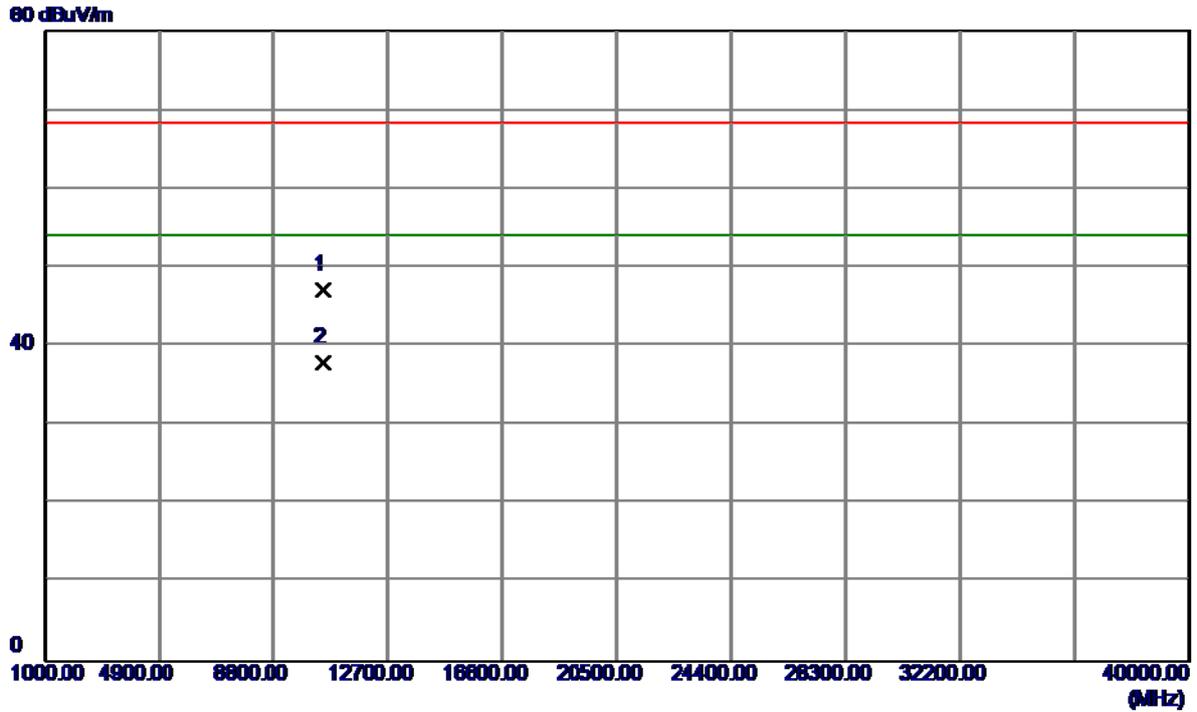
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5233.1000	55.04	40.39	95.43	54.00	41.43	AVG	No Limit
2	5237.0000	63.91	40.40	104.31	68.30	36.01	Peak	No Limit

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

**Vertical**

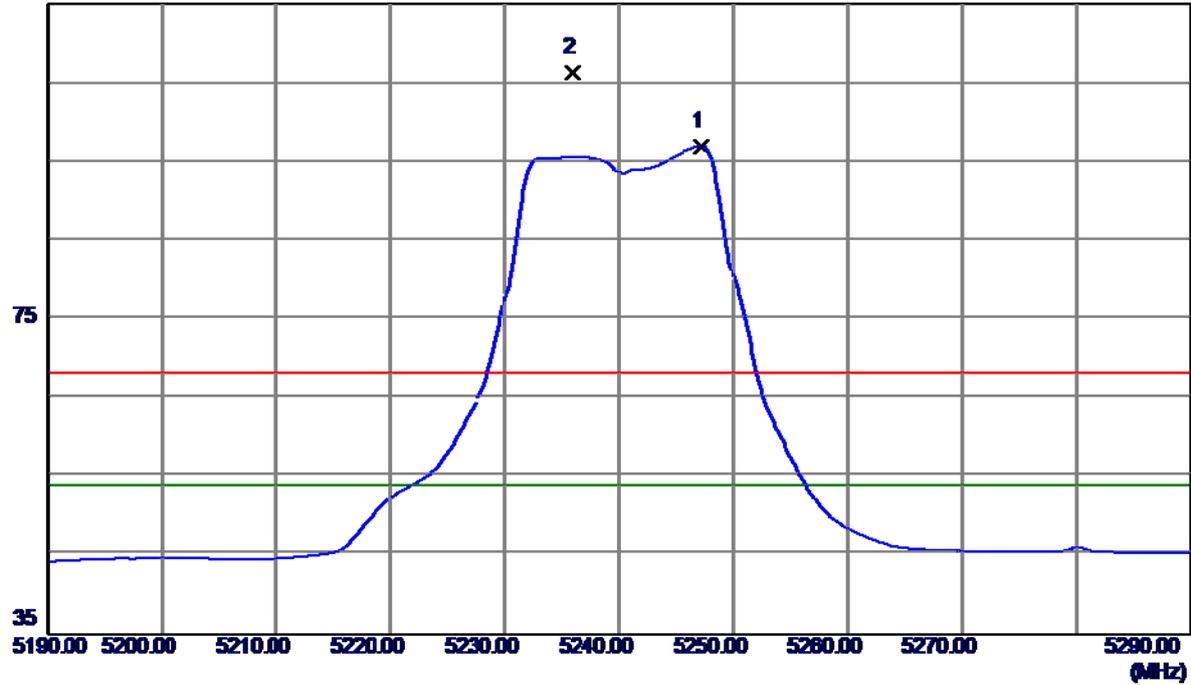


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.3980	33.56	13.69	47.25	68.30	-21.05	Peak	
2	10480.4380	24.27	13.69	37.96	54.00	-16.04	AVG	

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

### Horizontal

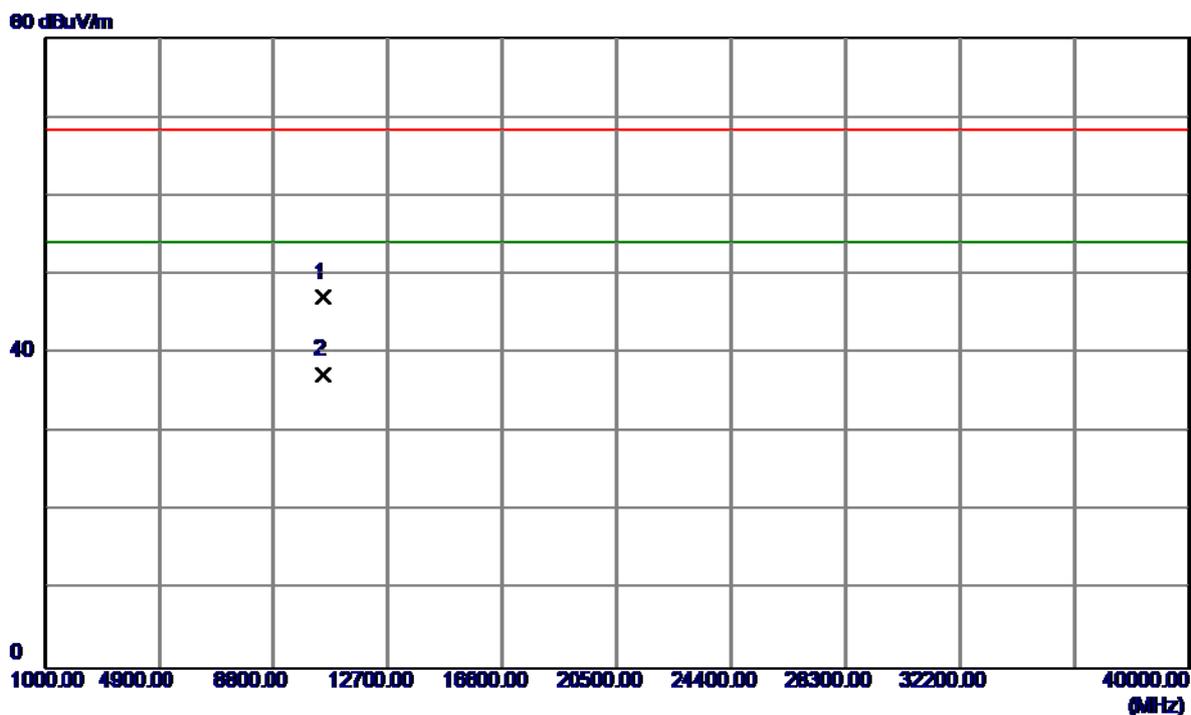
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5247.2000	56.56	40.42	96.98	54.00	42.98	AVG	No Limit
2	5235.9000	65.95	40.40	106.35	68.30	38.05	Peak	No Limit

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

### Horizontal

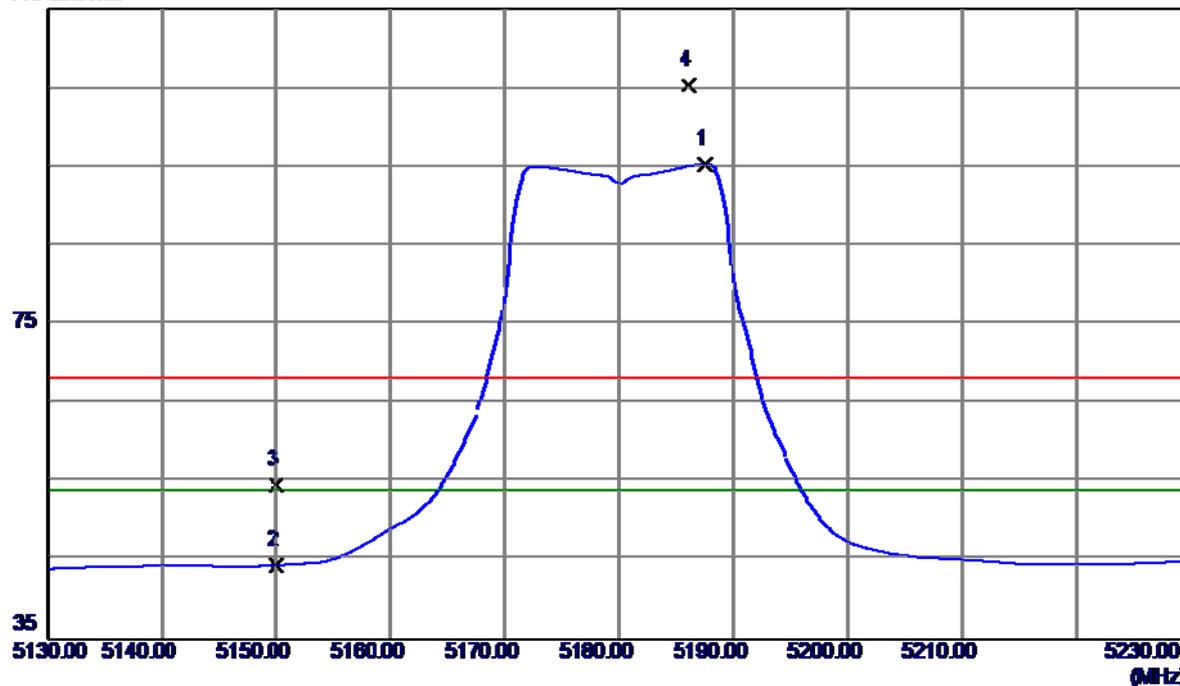


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.5199	33.43	13.69	47.12	68.30	-21.18	Peak	
2	10480.3480	23.53	13.69	37.22	54.00	-16.78	AVG	

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

Vertical

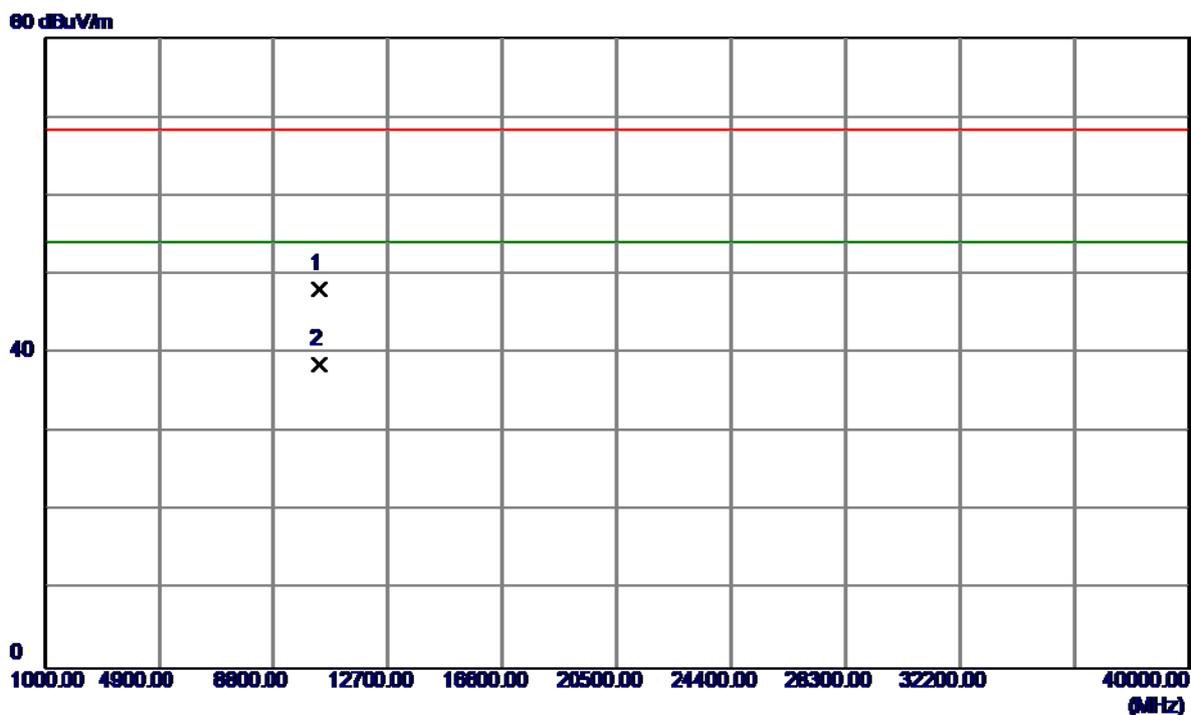
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5187.6000	55.06	40.30	95.36	54.00	41.36	AVG	No Limit
2	5150.0000	4.26	40.22	44.48	54.00	-9.52	AVG	
3	5150.0000	14.44	40.22	54.66	68.30	-13.64	Peak	
4	5186.1000	65.07	40.29	105.36	68.30	37.06	Peak	No Limit

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

**Vertical**

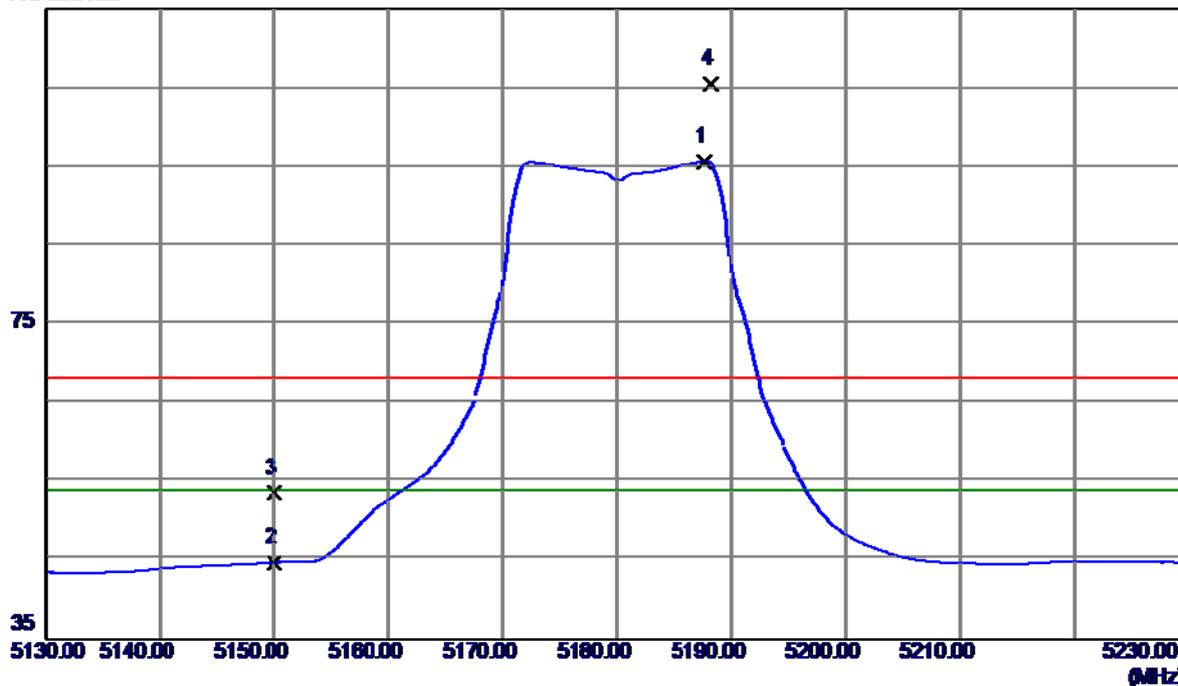


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.3770	34.31	13.86	48.17	68.30	-20.13	Peak	
2	10360.4589	24.76	13.86	38.62	54.00	-15.38	AVG	

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

### Horizontal

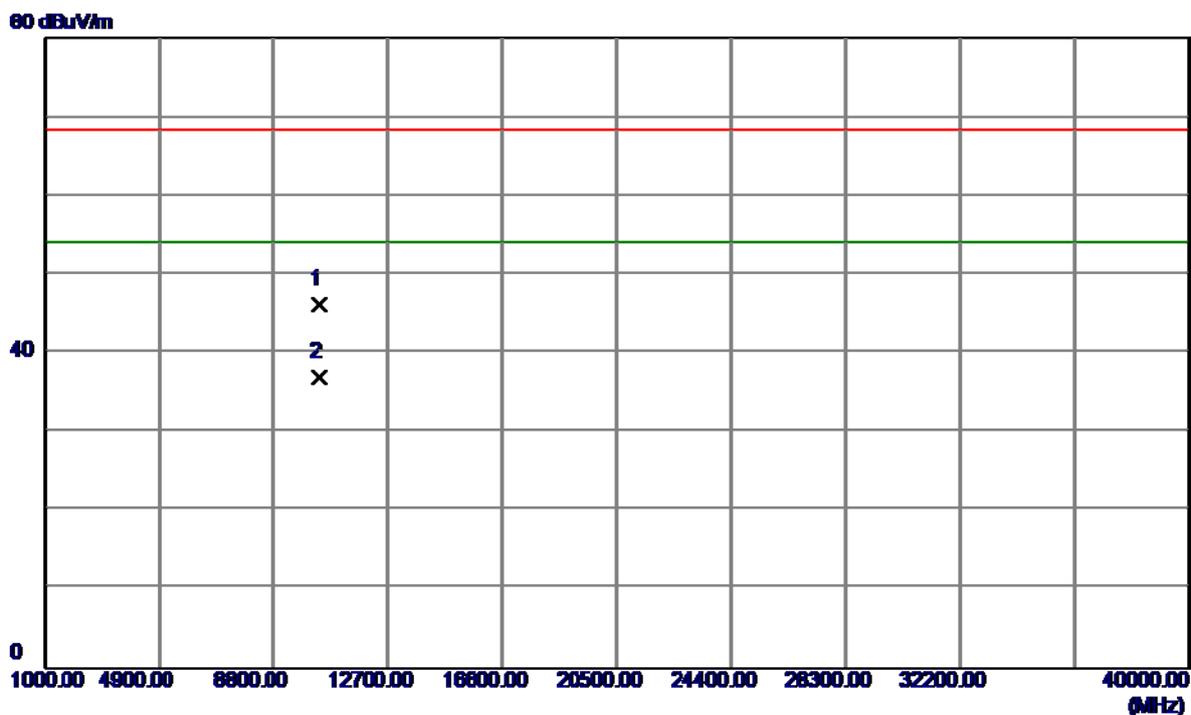
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5187.7000	55.40	40.30	95.70	54.00	41.70	AVG	No Limit
2	5150.0000	4.58	40.22	44.80	54.00	-9.20	AVG	
3	5150.0000	13.42	40.22	53.64	68.30	-14.66	Peak	
4	5188.2000	65.22	40.30	105.52	68.30	37.22	Peak	No Limit

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

### Horizontal

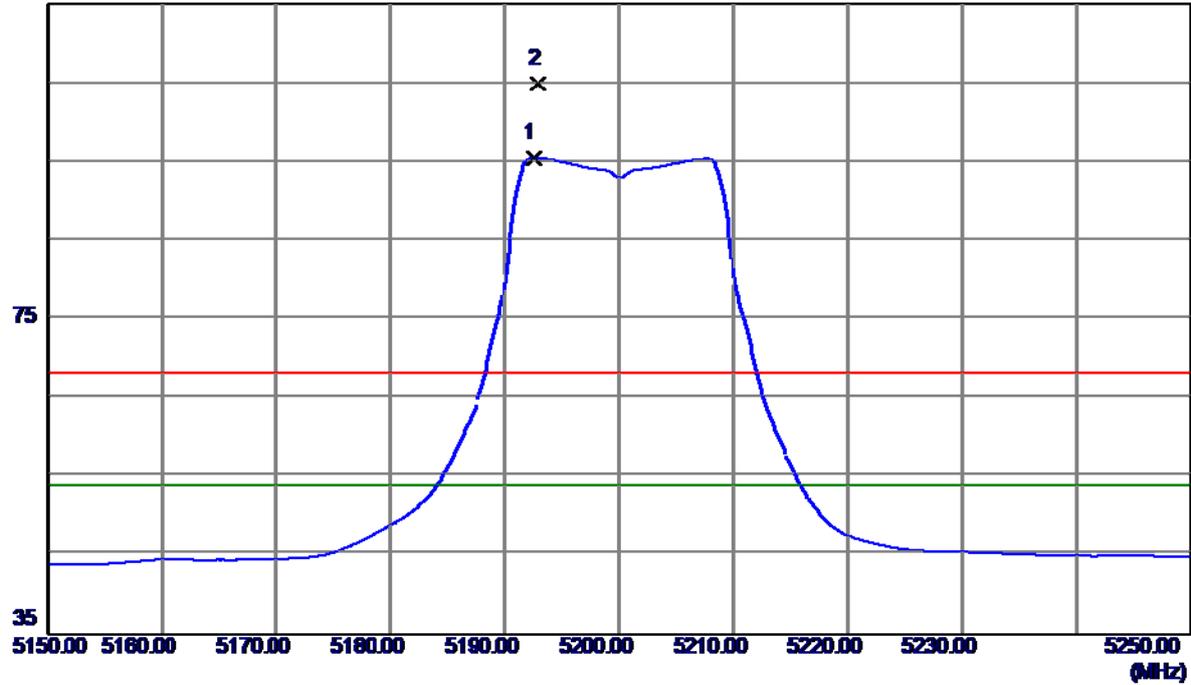


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.2590	32.34	13.86	46.20	68.30	-22.10	Peak	
2	10360.3500	23.14	13.86	37.00	54.00	-17.00	AVG	

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

**Vertical**

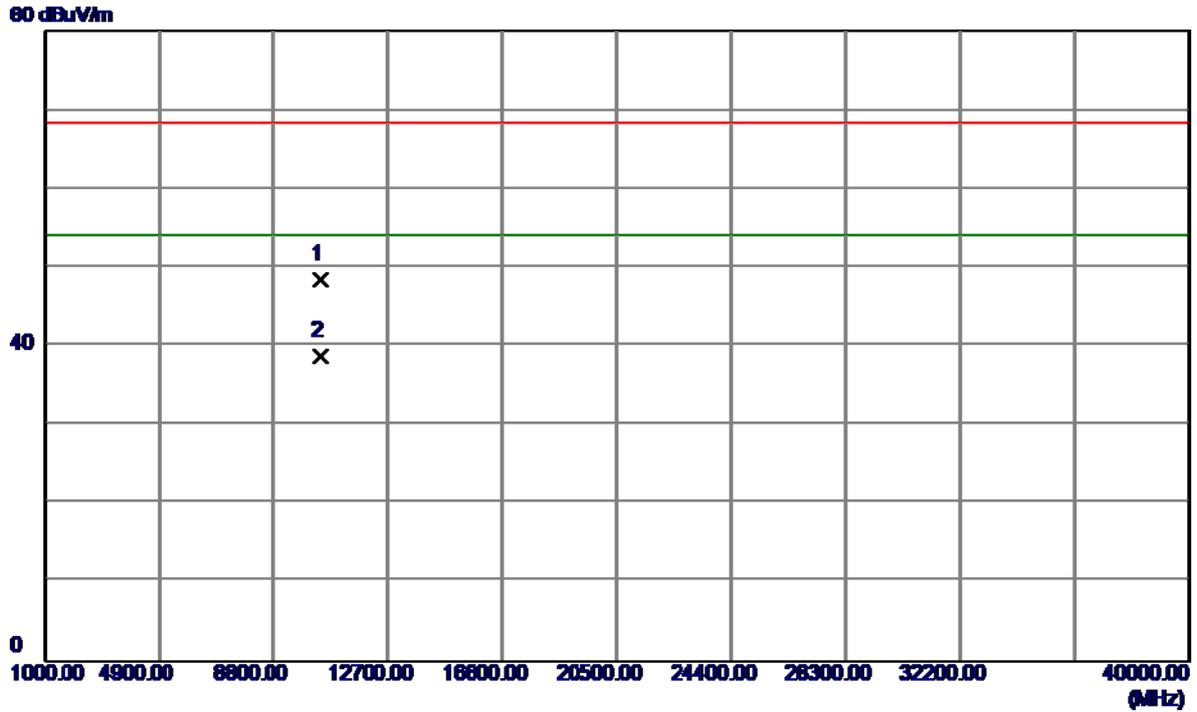
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5192.5000	55.20	40.31	95.51	54.00	41.51	AVG	No Limit
2	5192.9000	64.63	40.31	104.94	68.30	36.64	Peak	No Limit

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

**Vertical**

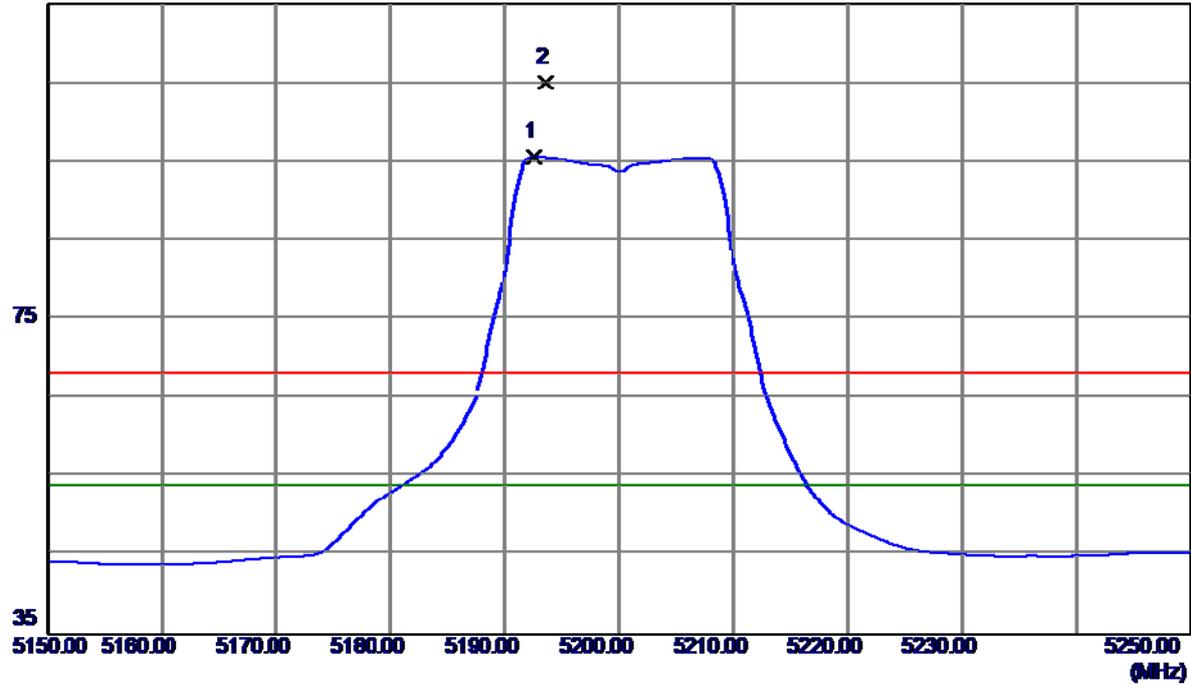


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.3530	34.65	13.80	48.45	68.30	-19.85	Peak	
2	10400.1730	24.87	13.80	38.67	54.00	-15.33	AVG	

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

### Horizontal

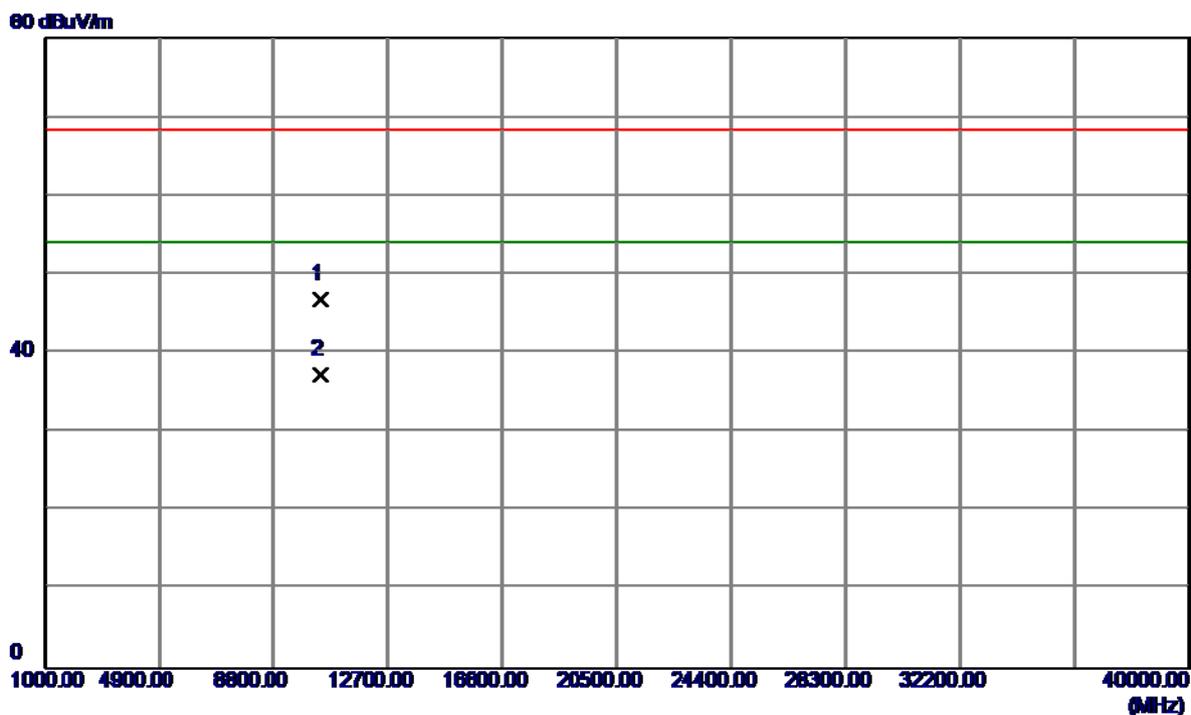
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5192.6000	55.32	40.31	95.63	54.00	41.63	AVG	No Limit
2	5193.6000	64.77	40.31	105.08	68.30	36.78	Peak	No Limit

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

### Horizontal

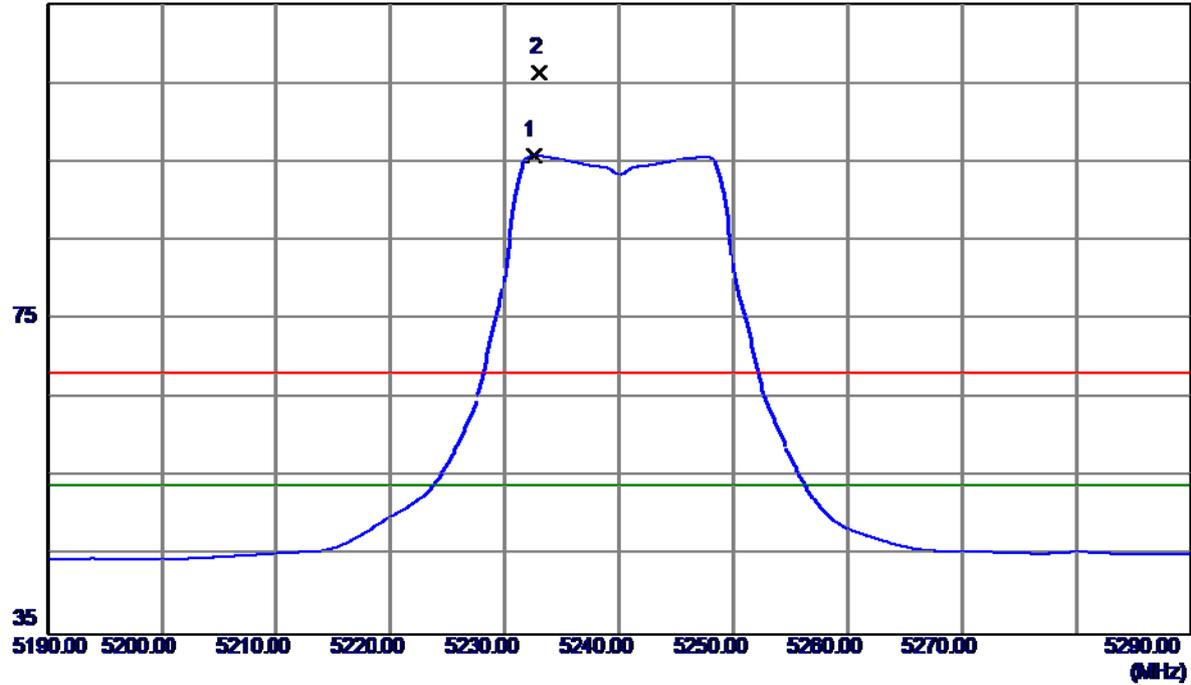


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.2200	33.02	13.80	46.82	68.30	-21.48	Peak	
2	10400.2200	23.54	13.80	37.34	54.00	-16.66	AVG	

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

**Vertical**

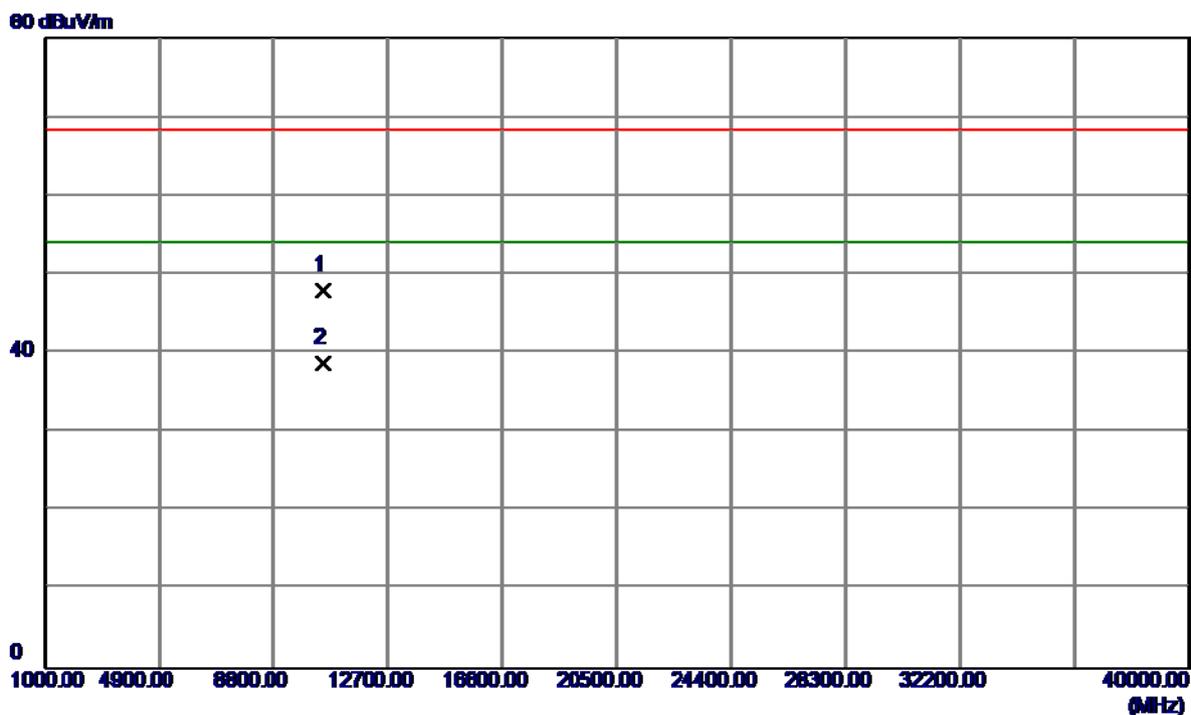
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.5000	55.39	40.39	95.78	54.00	41.78	AVG	No Limit
2	5233.0000	65.99	40.39	106.38	68.30	38.08	Peak	No Limit

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

**Vertical**

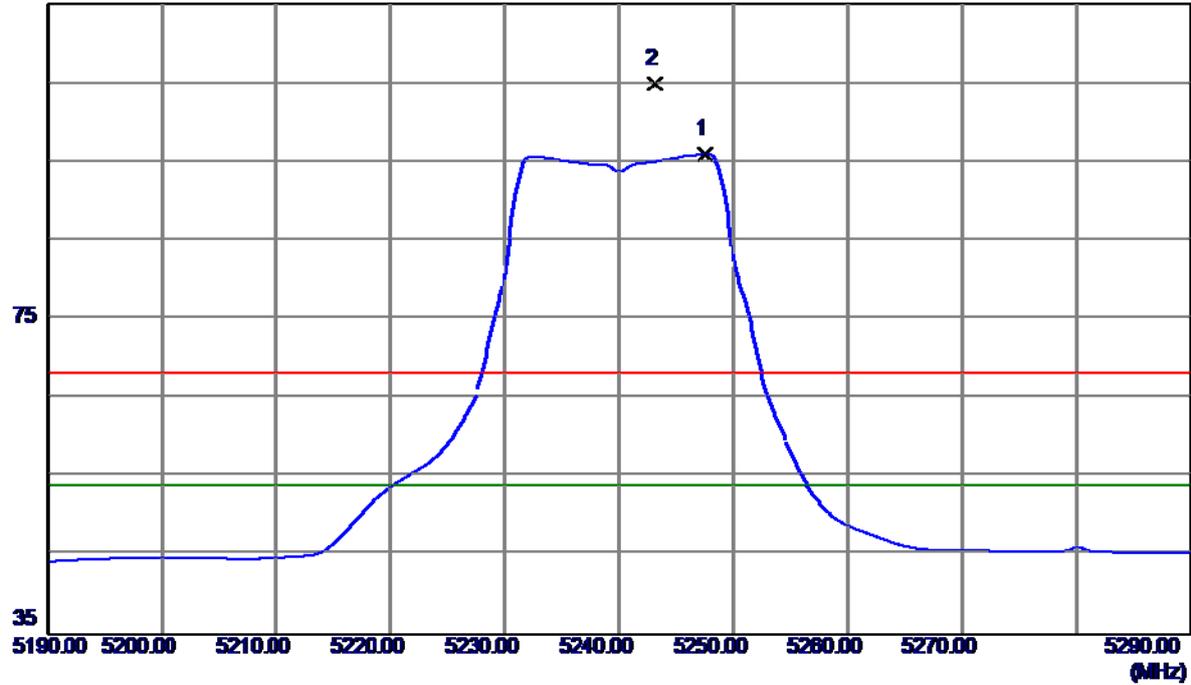


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.3099	34.34	13.69	48.03	68.30	-20.27	Peak	
2	10480.3099	25.10	13.69	38.79	54.00	-15.21	AVG	

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

### Horizontal

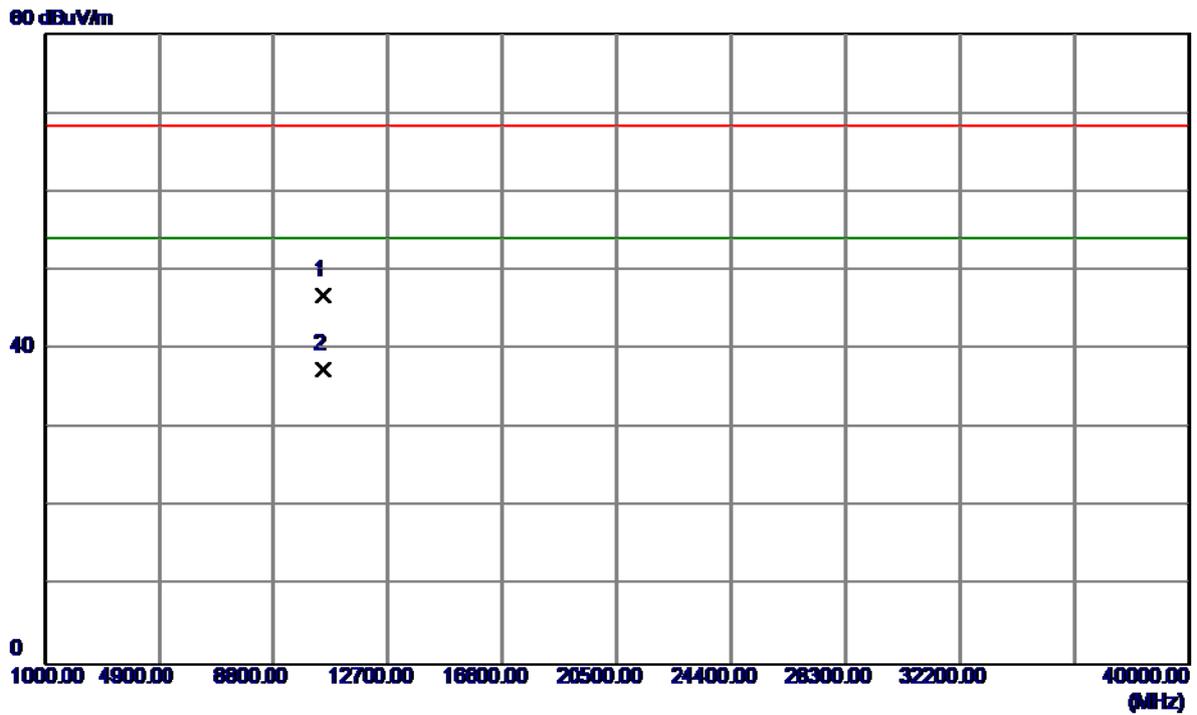
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5247.6000	55.54	40.42	95.96	54.00	41.96	AVG	No Limit
2	5243.1000	64.49	40.42	104.91	68.30	36.61	Peak	No Limit

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

### Horizontal

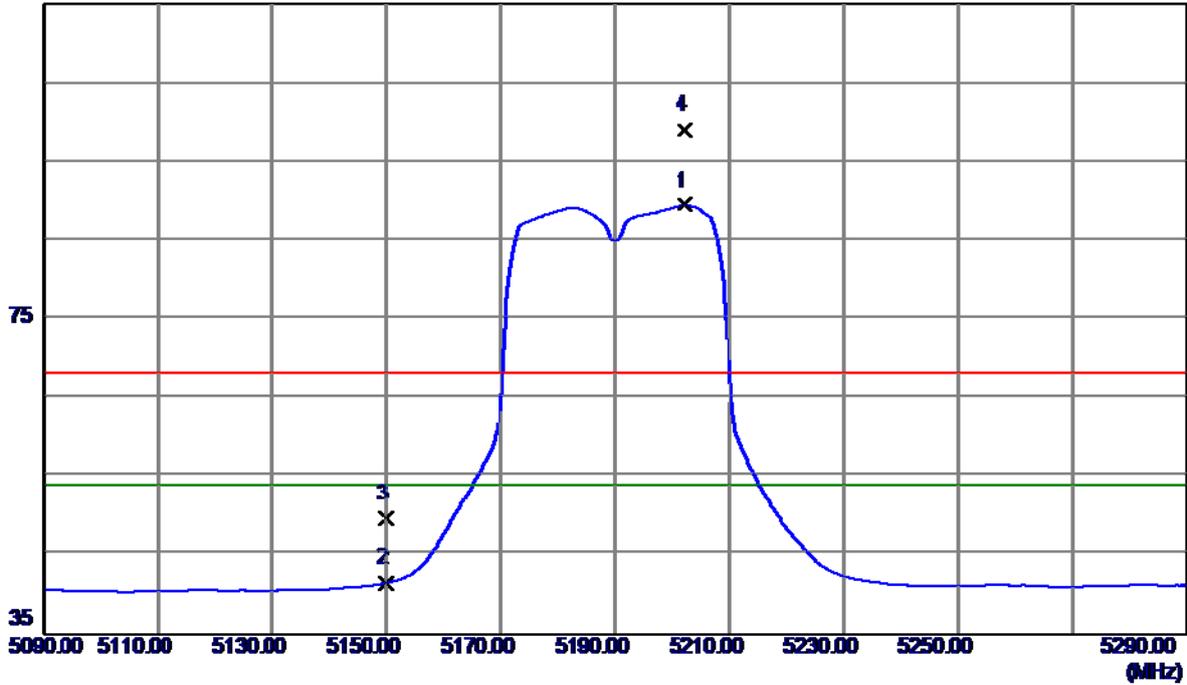


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.3640	33.26	13.69	46.95	68.30	-21.35	Peak	
2	10480.3580	23.71	13.69	37.40	54.00	-16.60	AVG	

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

**Vertical**

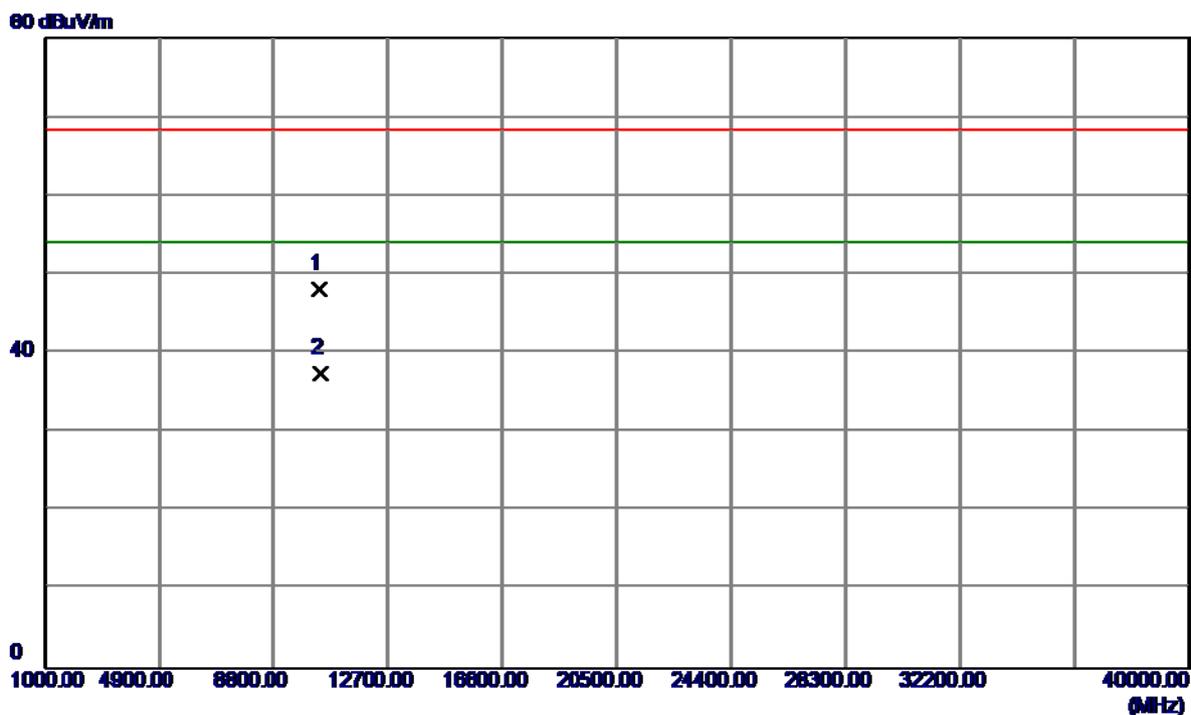
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5202.2000	49.15	40.33	89.48	54.00	35.48	AVG	No Limit
2	5150.0000	1.38	40.22	41.60	54.00	-12.40	AVG	
3	5150.0000	9.54	40.22	49.76	68.30	-18.54	Peak	
4	5202.2000	58.69	40.33	99.02	68.30	30.72	Peak	No Limit

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

### Vertical

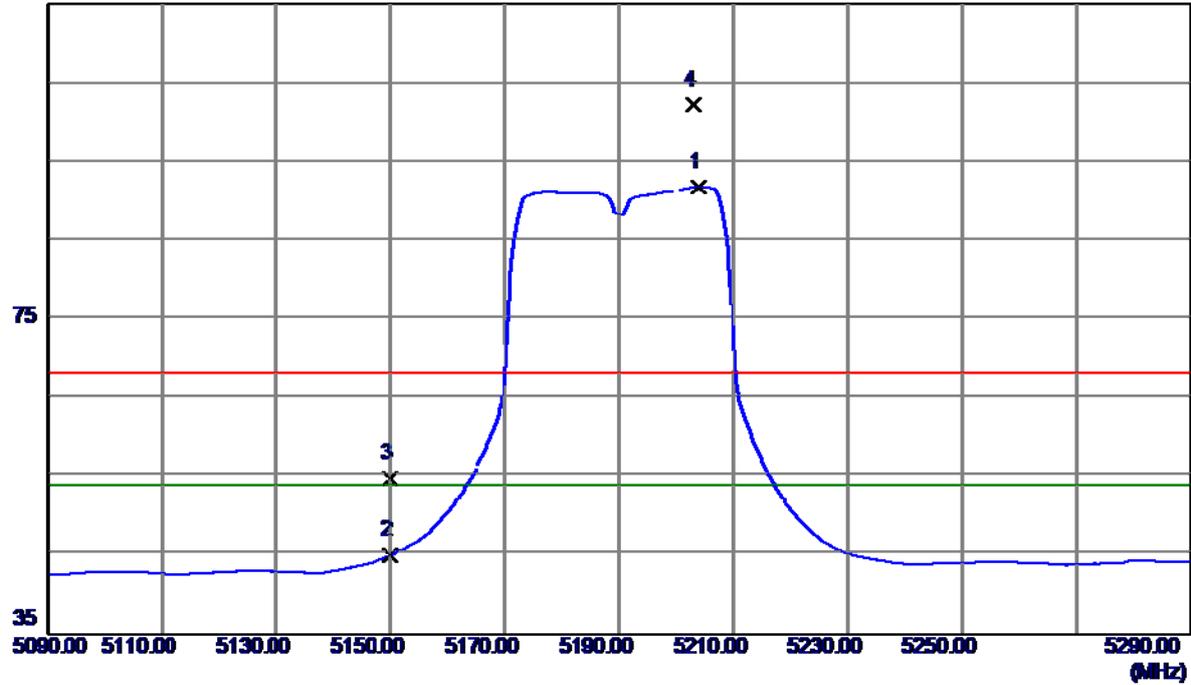


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10381.3800	34.26	13.83	48.09	68.30	-20.21	Peak	
2	10381.6900	23.67	13.83	37.50	54.00	-16.50	AVG	

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

### Horizontal

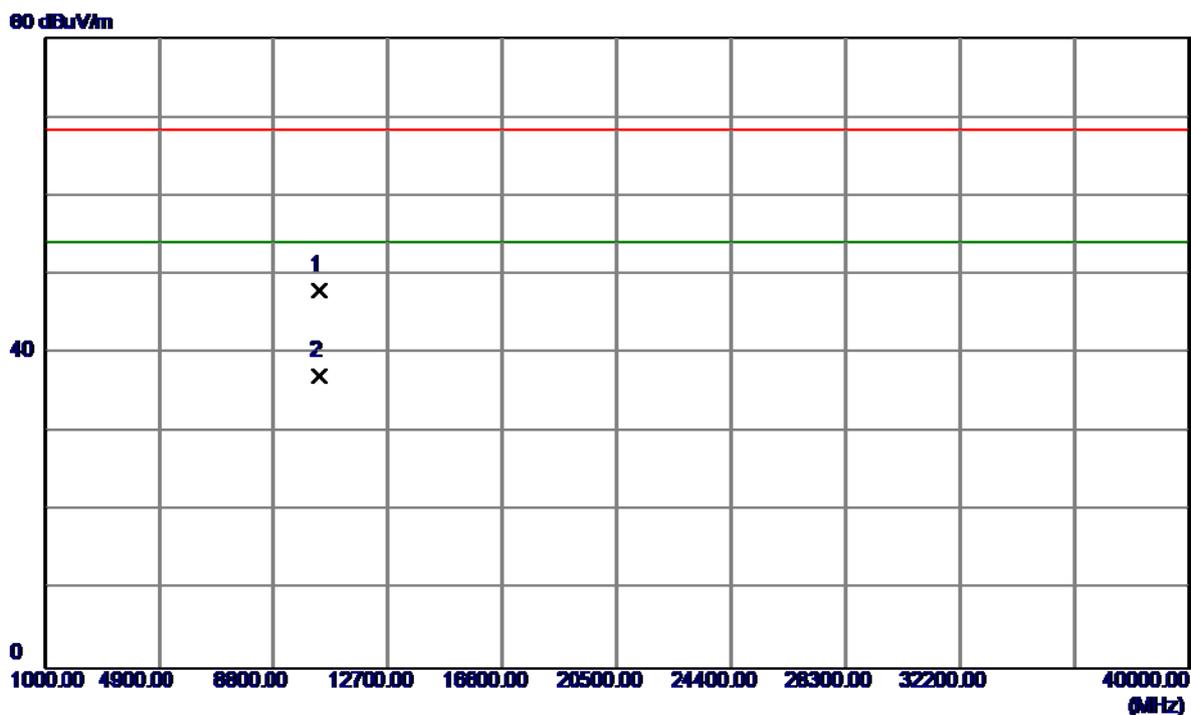
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5204.0000	51.51	40.33	91.84	54.00	37.84	AVG	No Limit
2	5150.0000	4.89	40.22	45.11	54.00	-8.89	AVG	
3	5150.0000	14.63	40.22	54.85	68.30	-13.45	Peak	
4	5203.2000	61.87	40.33	102.20	68.30	33.90	Peak	No Limit

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

### Horizontal

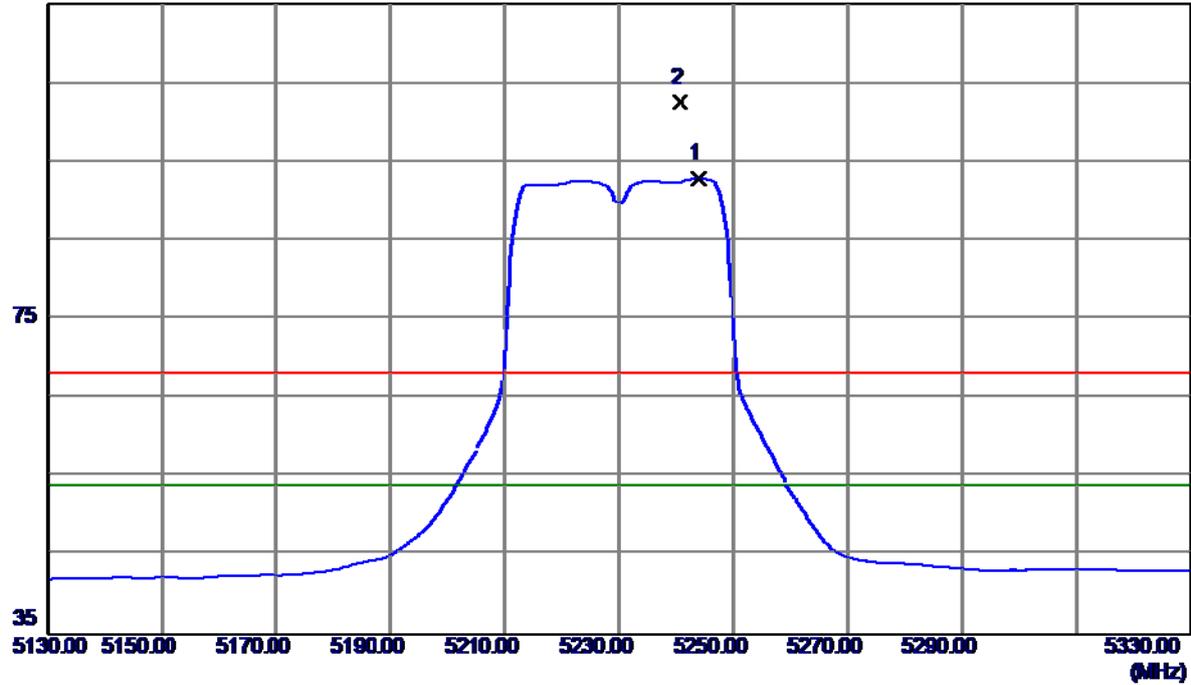


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10380.9600	34.18	13.83	48.01	68.30	-20.29	Peak	
2	10380.9600	23.26	13.83	37.09	54.00	-16.91	AVG	

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

**Vertical**

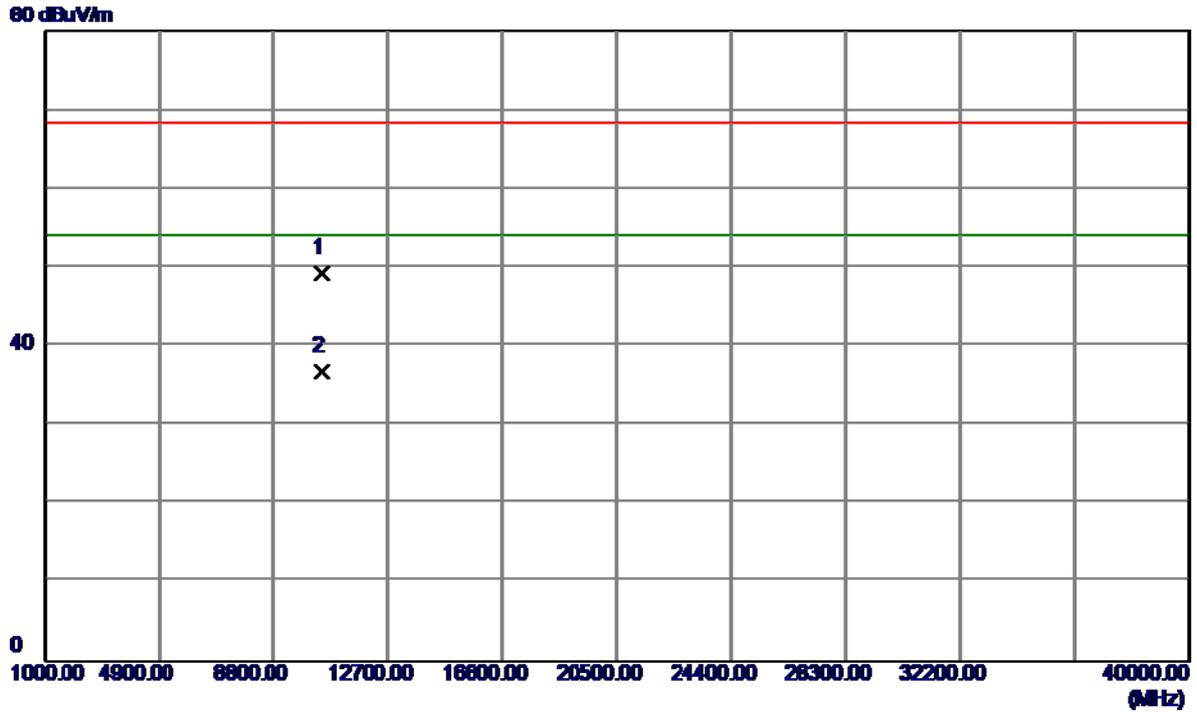
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5244.0000	52.56	40.42	92.98	54.00	38.98	AVG	No Limit
2	5240.6000	62.04	40.41	102.45	68.30	34.15	Peak	No Limit

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

**Vertical**

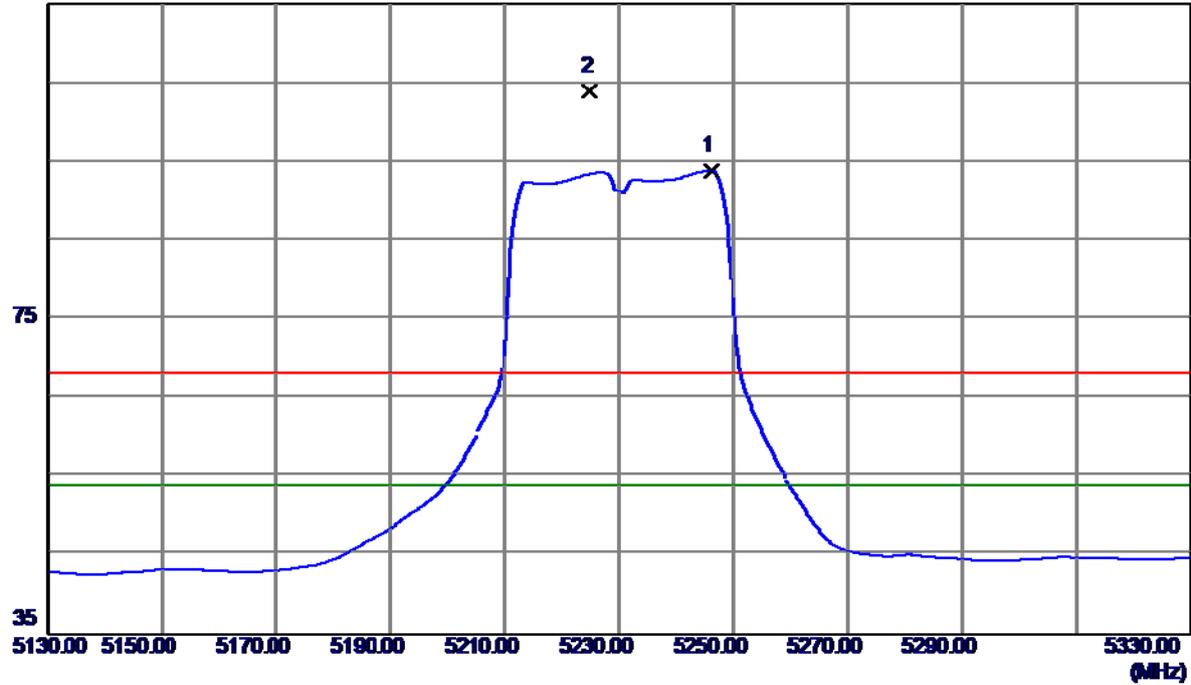


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10460.6140	35.62	13.72	49.34	68.30	-18.96	Peak	
2	10460.6449	23.15	13.72	36.87	54.00	-17.13	AVG	

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

### Horizontal

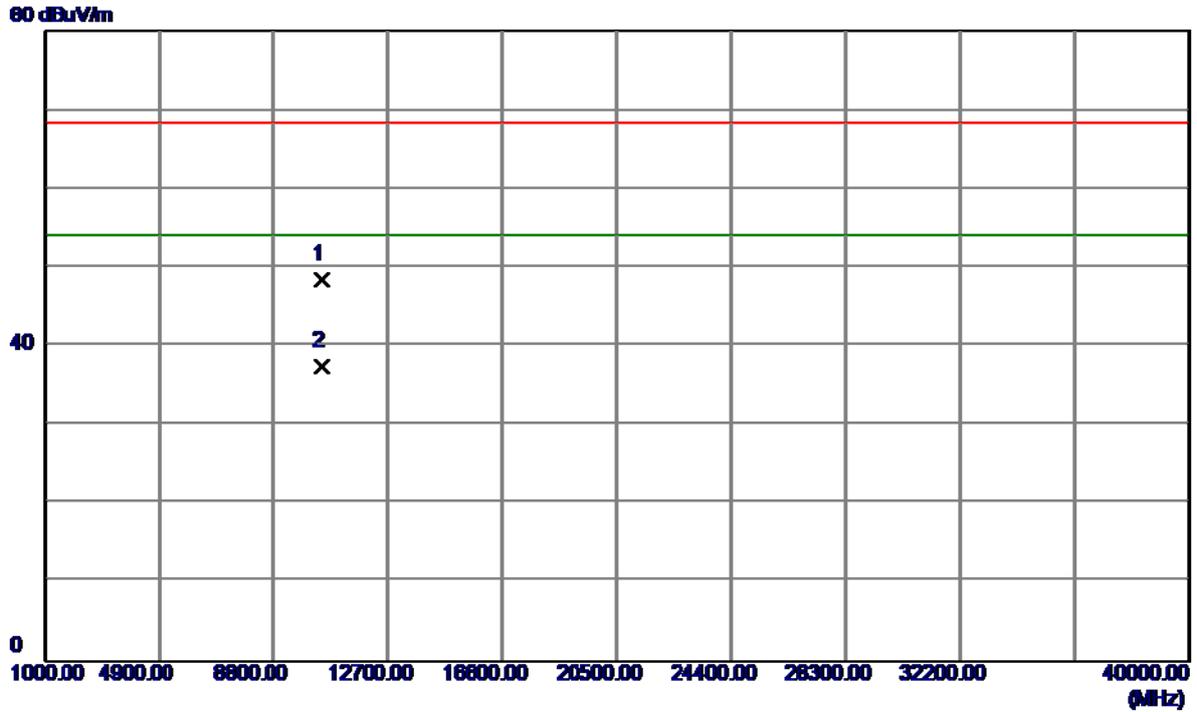
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5246.2000	53.45	40.42	93.87	54.00	39.87	AVG	No Limit
2	5225.0000	63.52	40.38	103.90	68.30	35.60	Peak	No Limit

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

### Horizontal

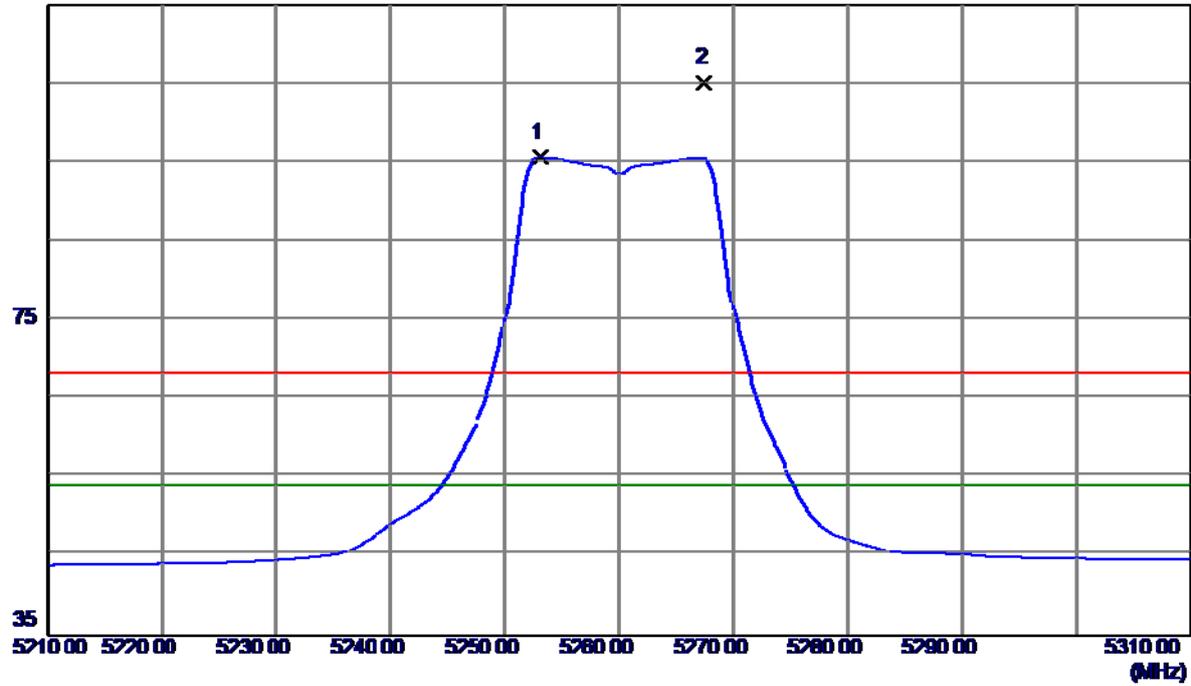


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10460.5920	34.78	13.72	48.50	68.30	-19.80	Peak	
2	10460.7950	23.79	13.72	37.51	54.00	-16.49	AVG	

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

**Vertical**

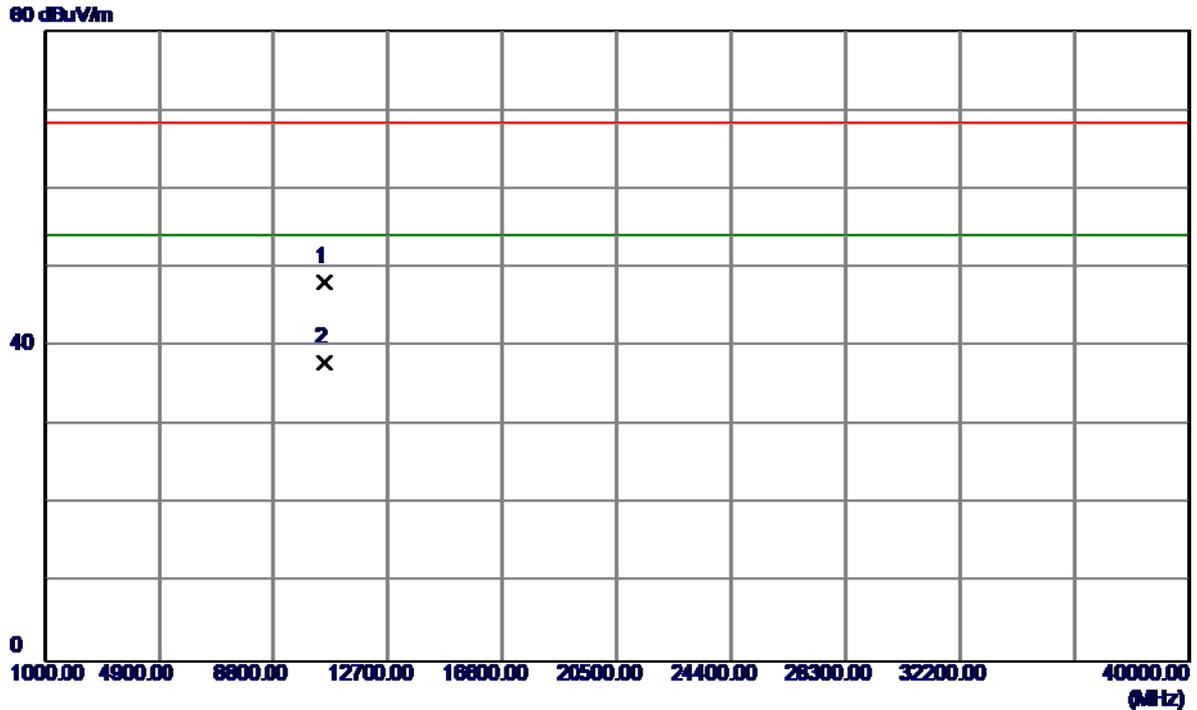
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5253.1000	55.13	40.44	95.57	54.00	41.57	AVG	No Limit
2	5267.5000	64.54	40.47	105.01	68.30	36.71	Peak	No Limit

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

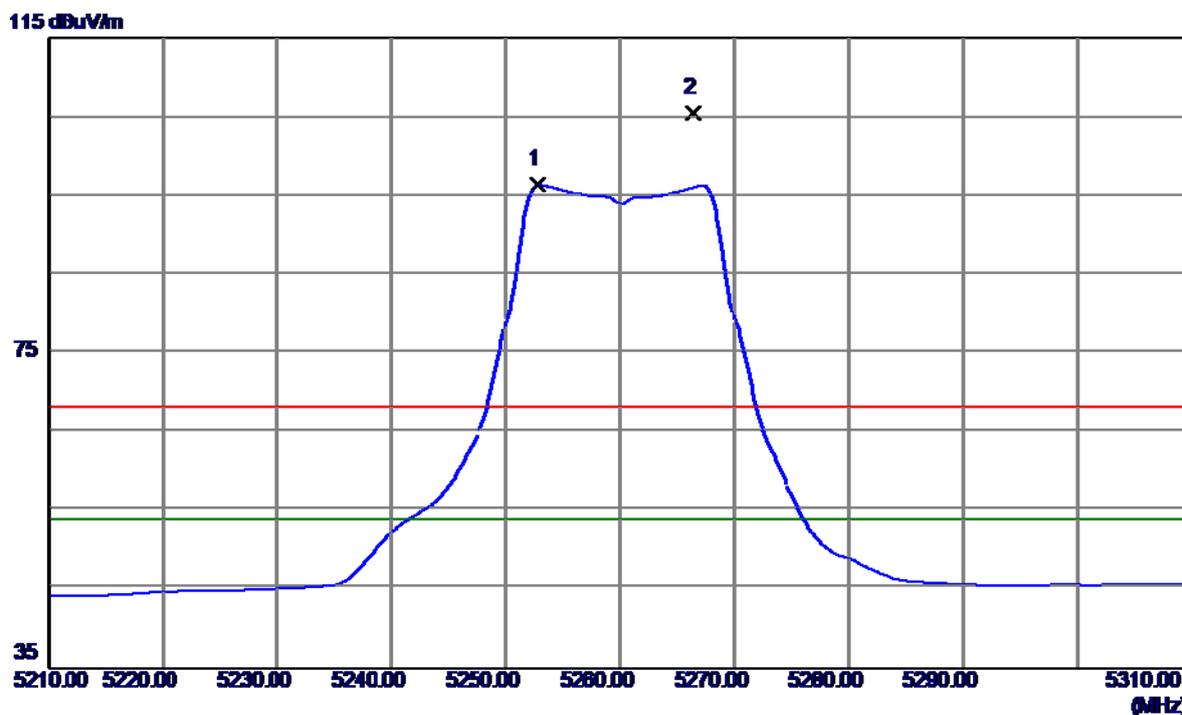
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.4380	34.43	13.75	48.18	68.30	-20.12	Peak	
2	10520.3200	24.18	13.75	37.93	54.00	-16.07	AVG	

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

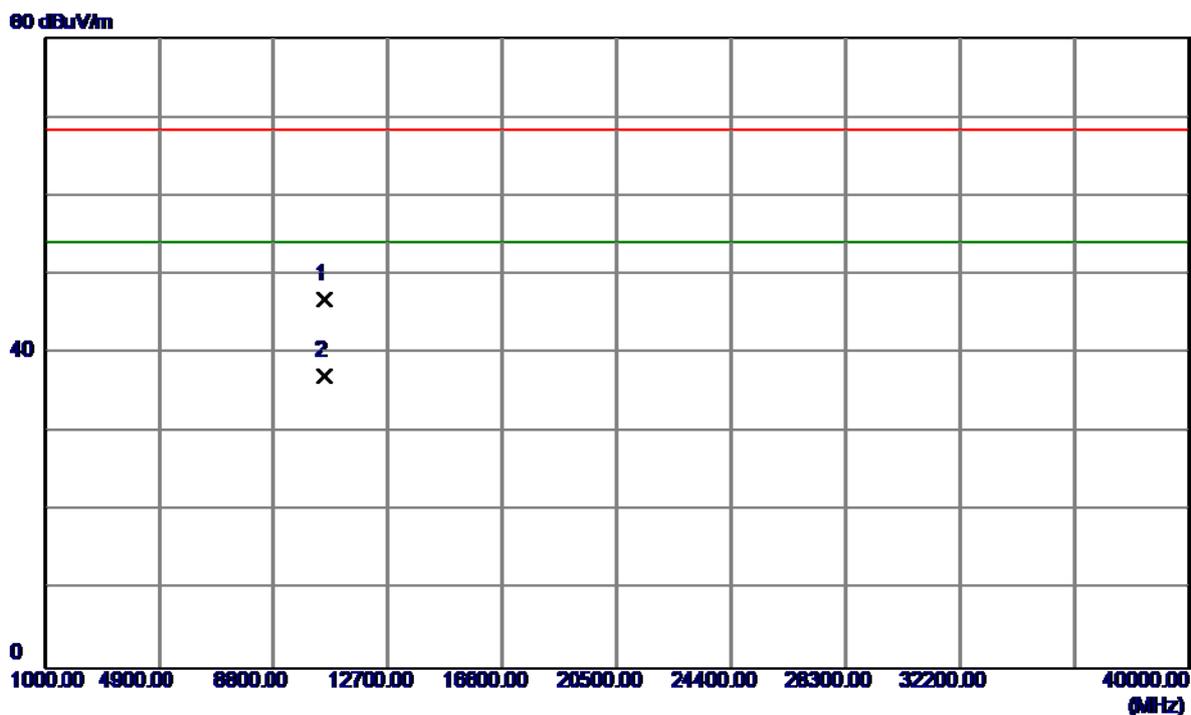
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5252.8000	55.94	40.44	96.38	54.00	42.38	AVG	No Limit
2	5266.4000	65.12	40.46	105.58	68.30	37.28	Peak	No Limit

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

### Horizontal

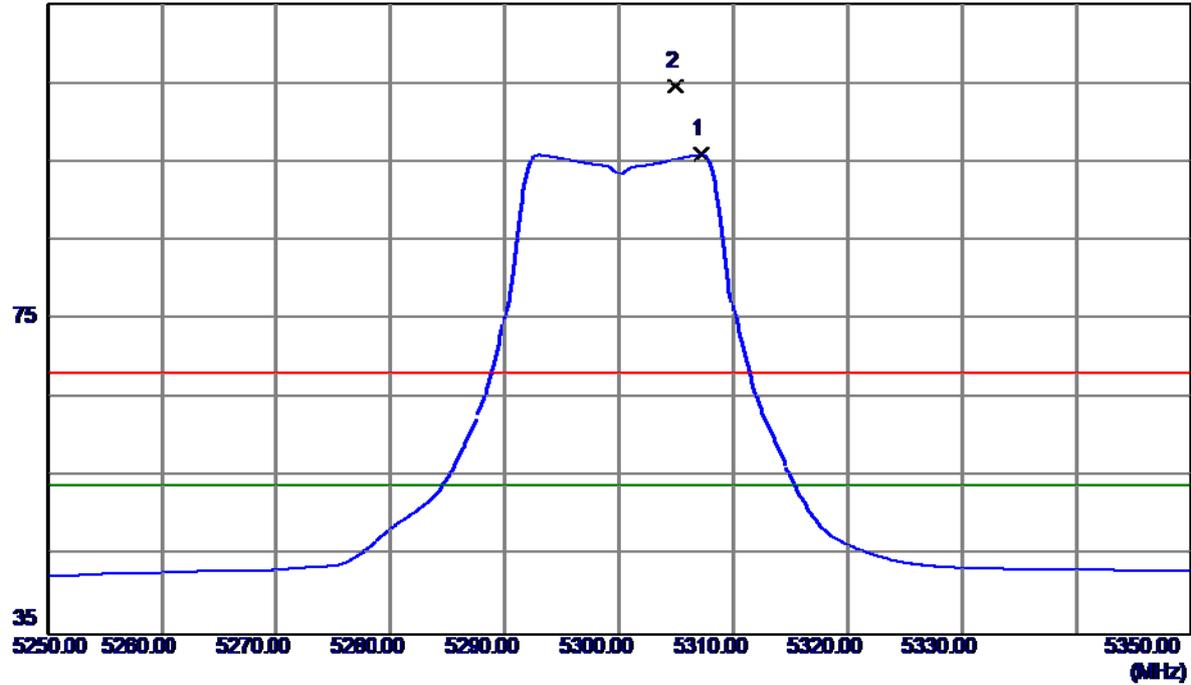


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.0599	33.07	13.75	46.82	68.30	-21.48	Peak	
2	10520.0599	23.41	13.75	37.16	54.00	-16.84	AVG	

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

**Vertical**

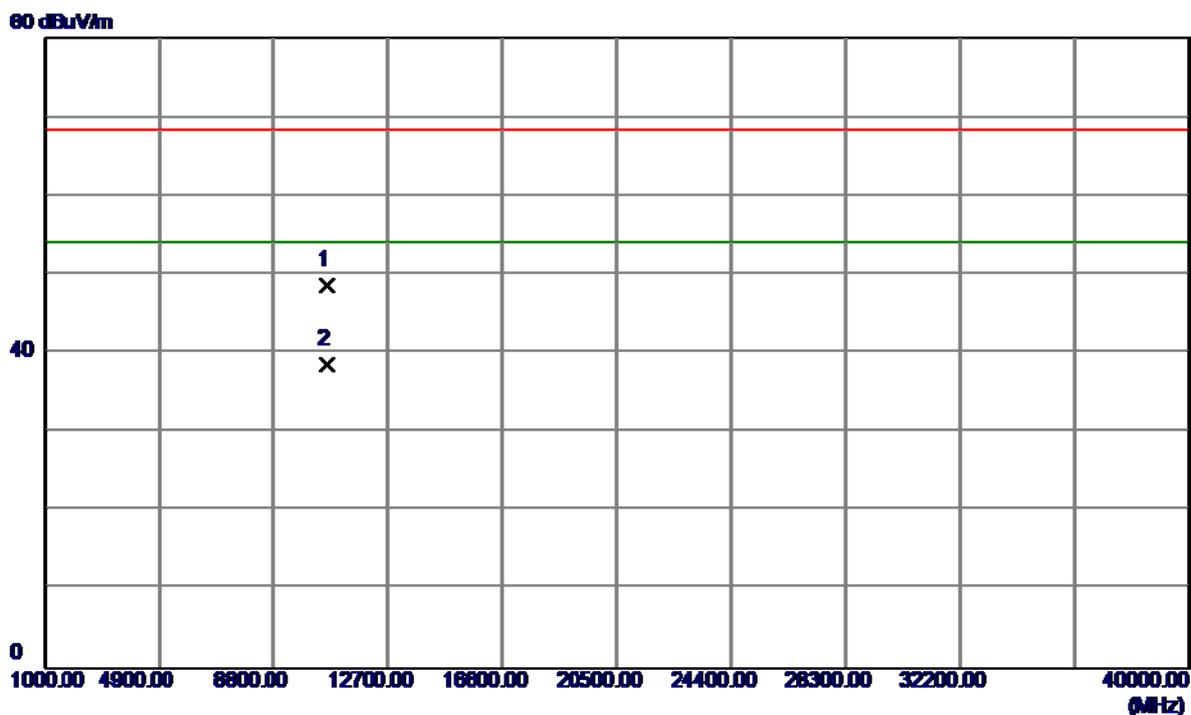
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5307.2000	55.35	40.55	95.90	54.00	41.90	AVG	No Limit
2	5304.9000	64.08	40.55	104.63	68.30	36.33	Peak	No Limit

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

### Vertical

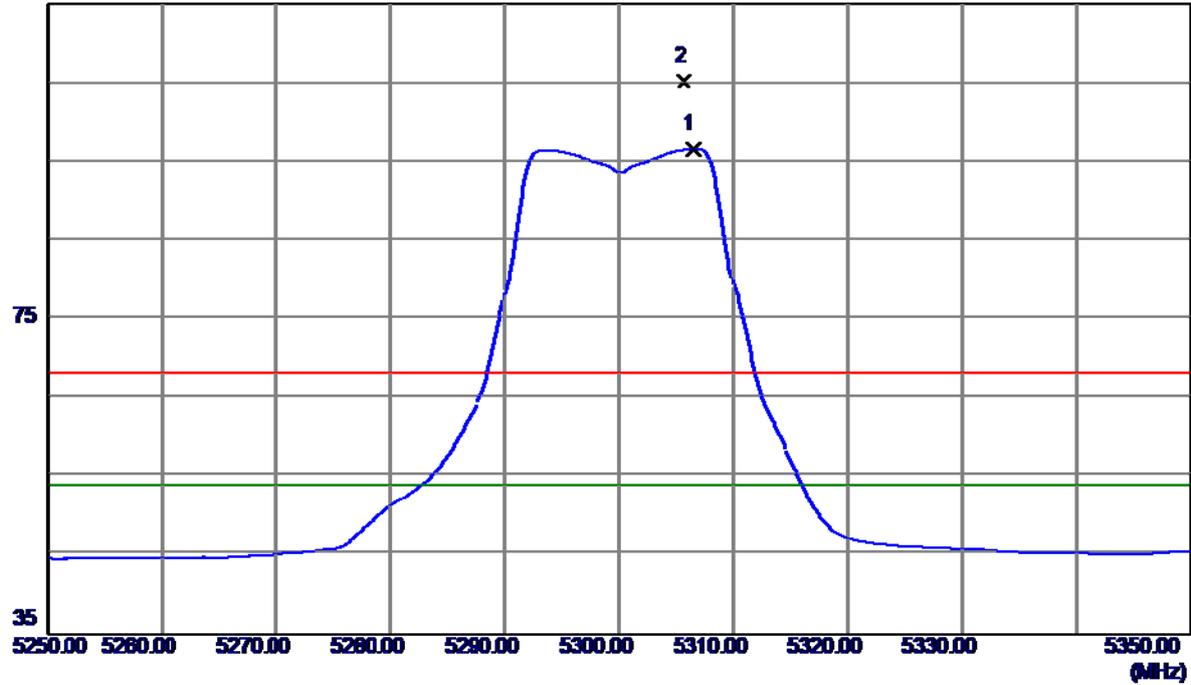


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.6140	34.62	14.08	48.70	68.30	-19.60	Peak	
2	10600.6470	24.47	14.08	38.55	54.00	-15.45	AVG	

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

### Horizontal

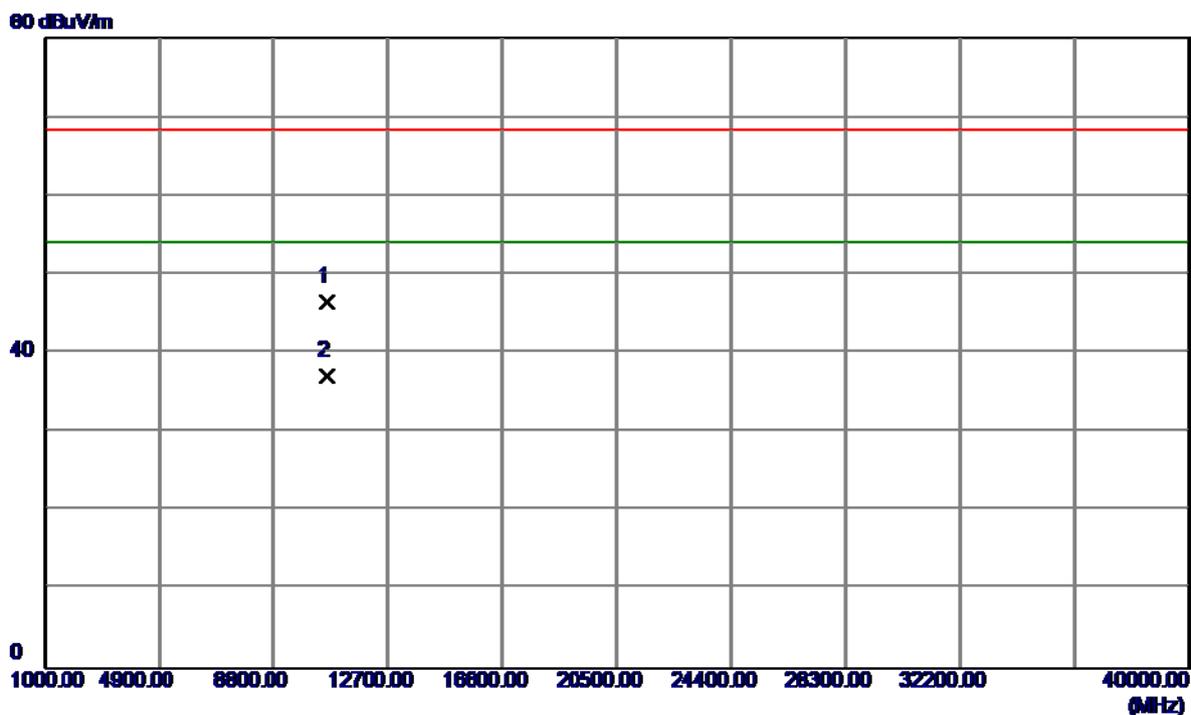
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5306.5000	56.08	40.55	96.63	54.00	42.63	AVG	No Limit
2	5305.7000	64.75	40.55	105.30	68.30	37.00	Peak	No Limit

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

### Horizontal

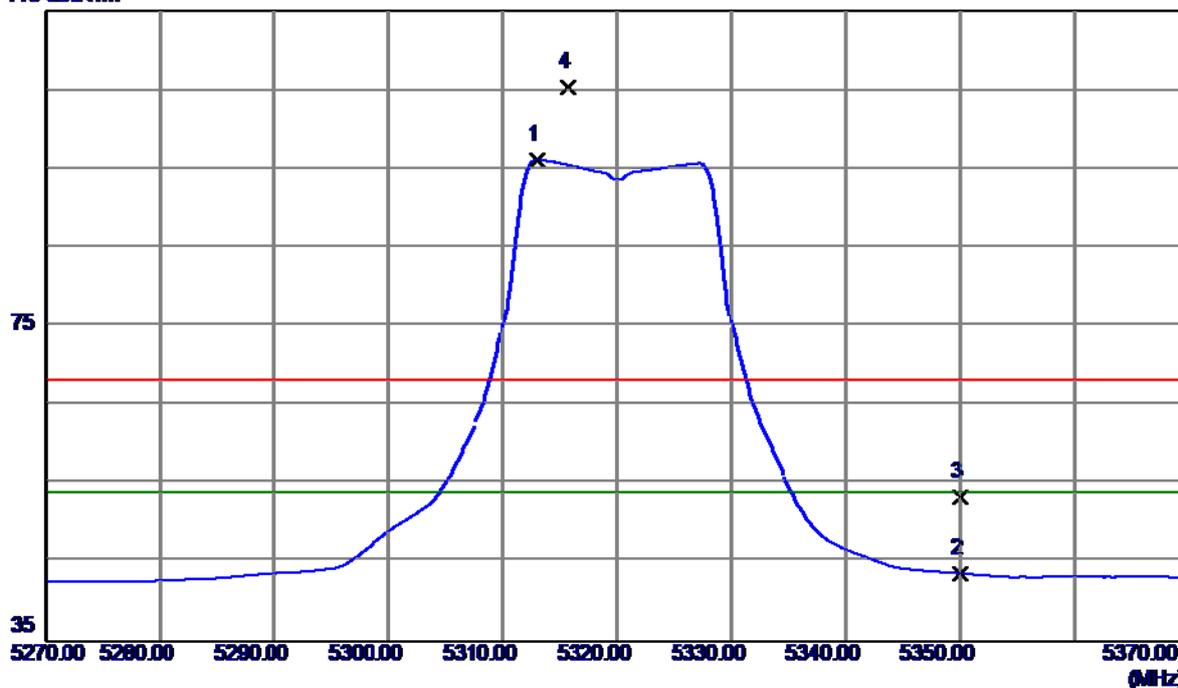


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.3800	32.50	14.08	46.58	68.30	-21.72	Peak	
2	10600.5630	22.97	14.08	37.05	54.00	-16.95	AVG	

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

### Vertical

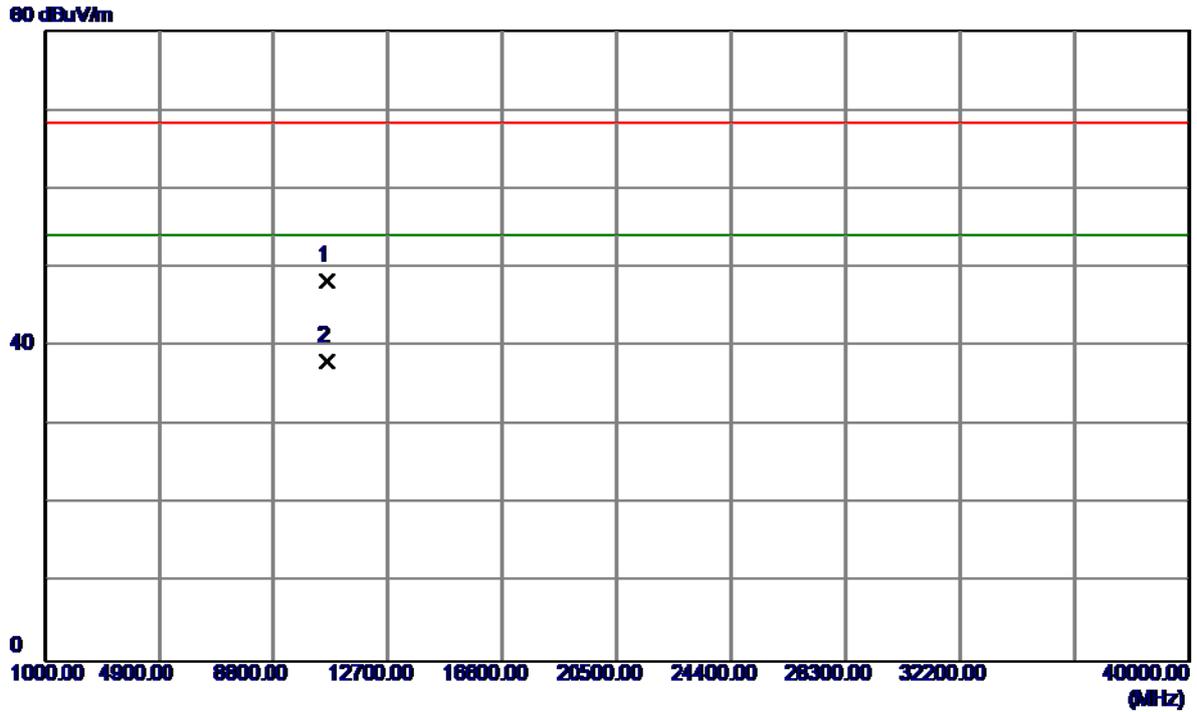
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.0000	55.56	40.56	96.12	54.00	42.12	AVG	No Limit
2	5350.0000	3.04	40.64	43.68	54.00	-10.32	AVG	
3	5350.0000	12.81	40.64	53.45	68.30	-14.85	Peak	
4	5315.7000	64.76	40.57	105.33	68.30	37.03	Peak	No Limit

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

**Vertical**

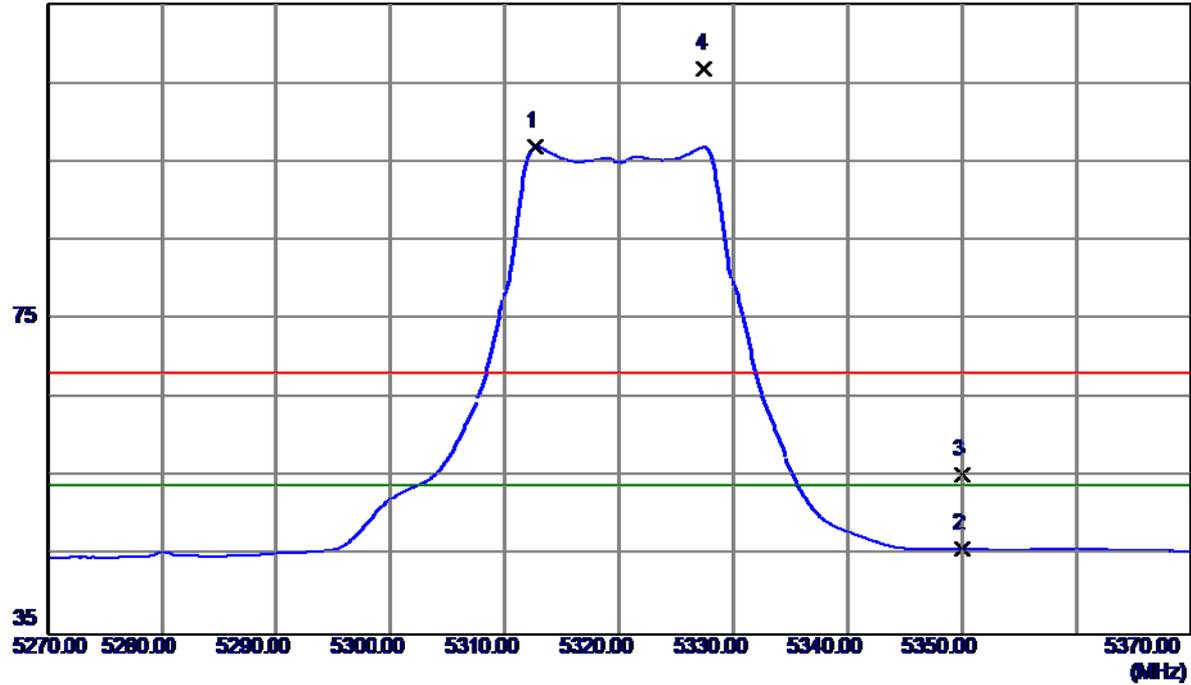


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.3500	34.08	14.25	48.33	68.30	-19.97	Peak	
2	10640.3500	23.84	14.25	38.09	54.00	-15.91	AVG	

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

### Horizontal

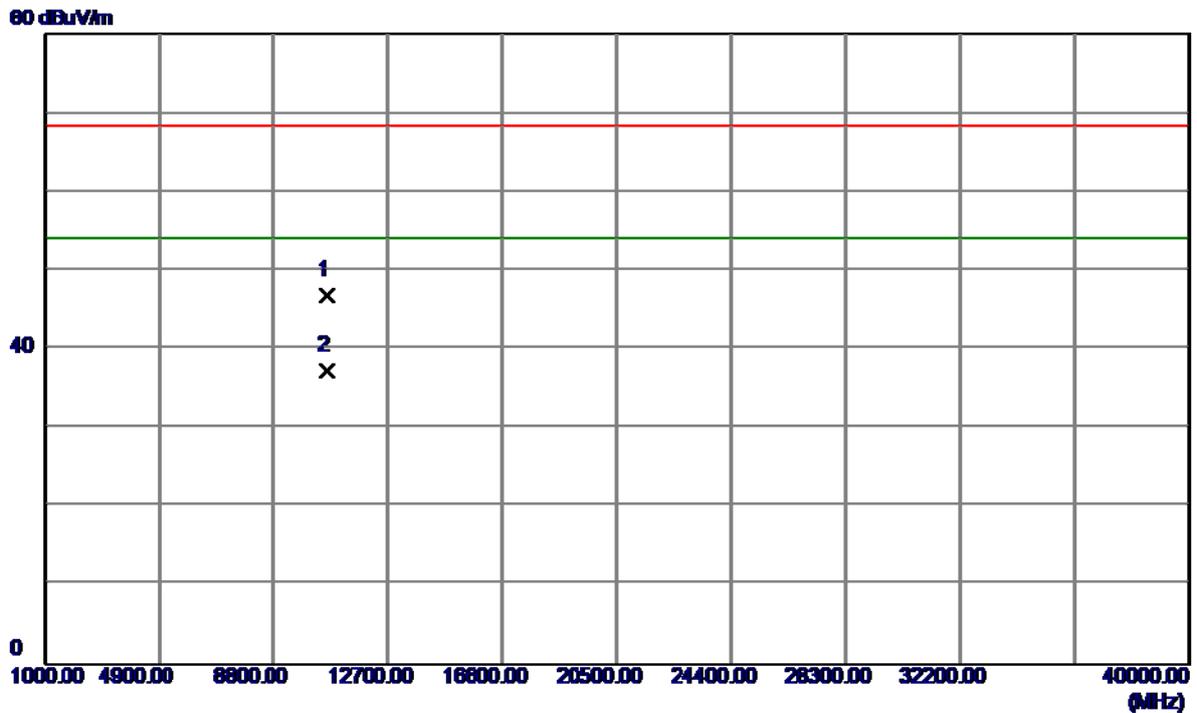
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.7000	56.38	40.56	96.94	54.00	42.94	AVG	No Limit
2	5350.0000	5.31	40.64	45.95	54.00	-8.05	AVG	
3	5350.0000	14.63	40.64	55.27	68.30	-13.03	Peak	
4	5327.5000	66.32	40.59	106.91	68.30	38.61	Peak	No Limit

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

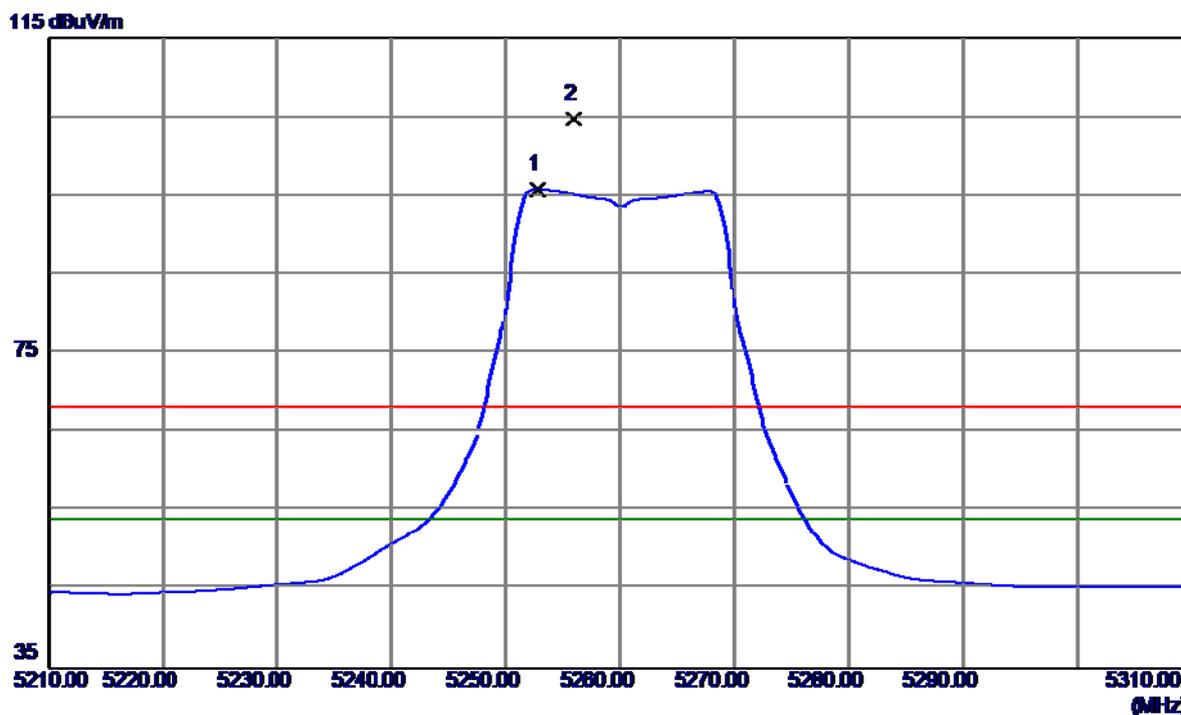
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.6720	32.66	14.25	46.91	68.30	-21.39	Peak	
2	10640.6470	23.10	14.25	37.35	54.00	-16.65	AVG	

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

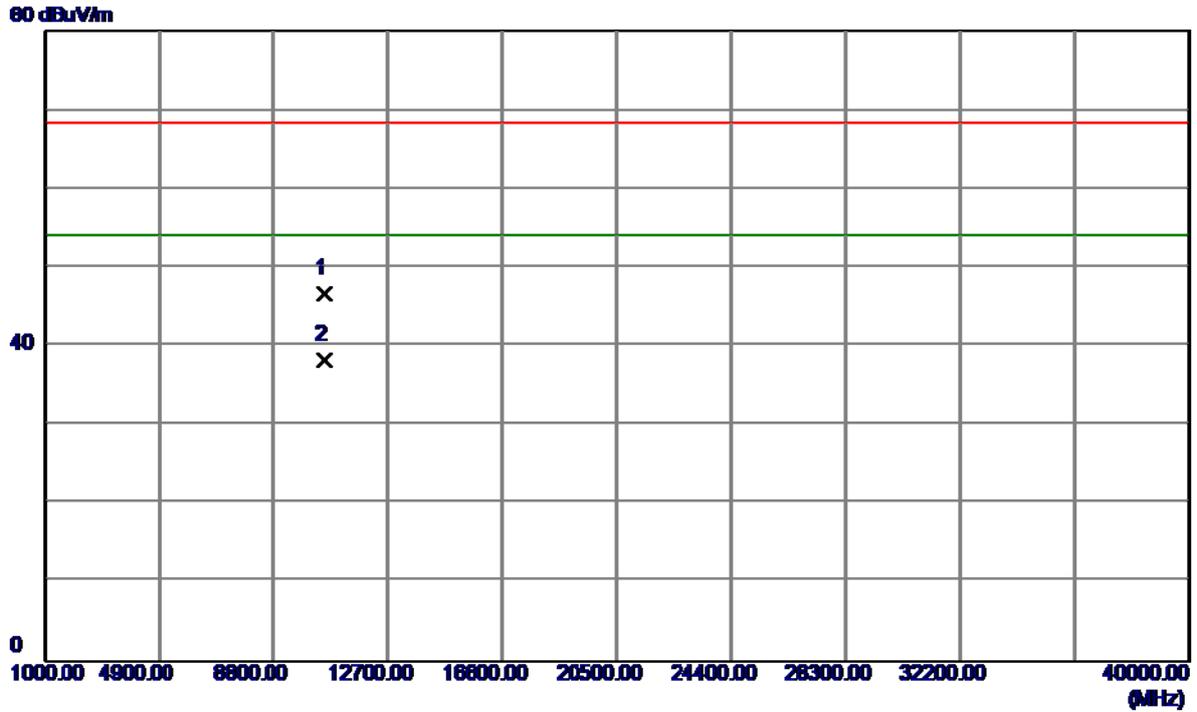
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5252.8000	55.38	40.44	95.82	54.00	41.82	AVG	No Limit
2	5255.9000	64.37	40.44	104.81	68.30	36.51	Peak	No Limit

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

**Vertical**

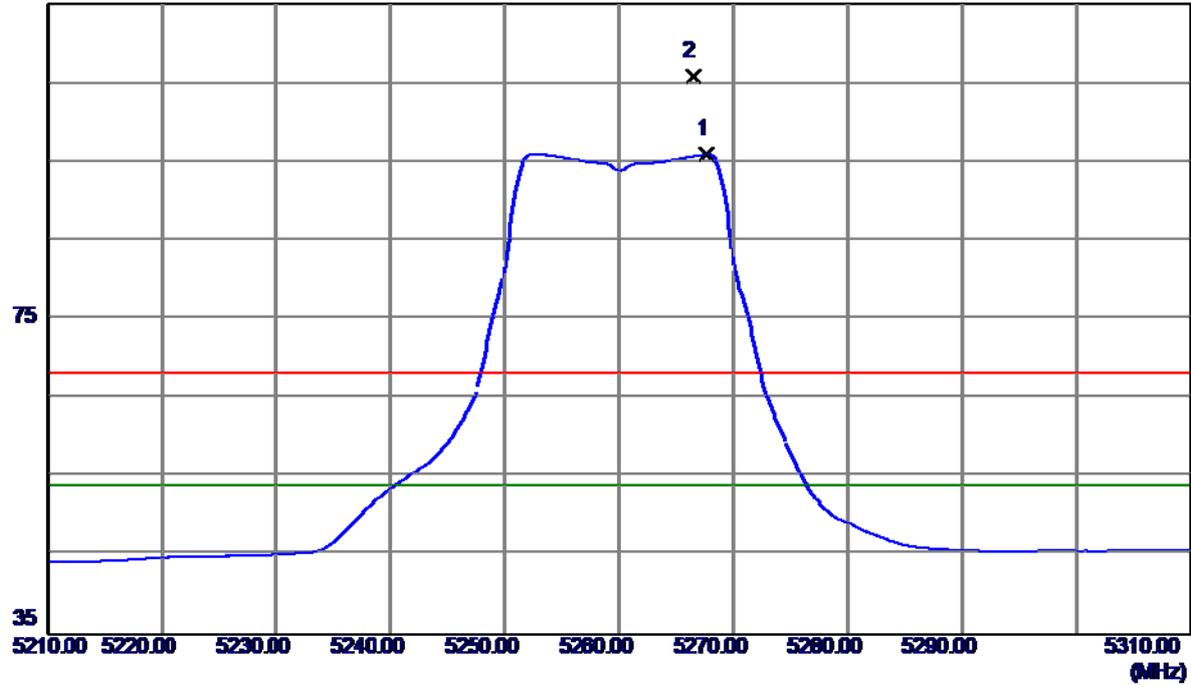


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.3120	33.03	13.75	46.78	68.30	-21.52	Peak	
2	10520.2580	24.46	13.75	38.21	54.00	-15.79	AVG	

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

### Horizontal

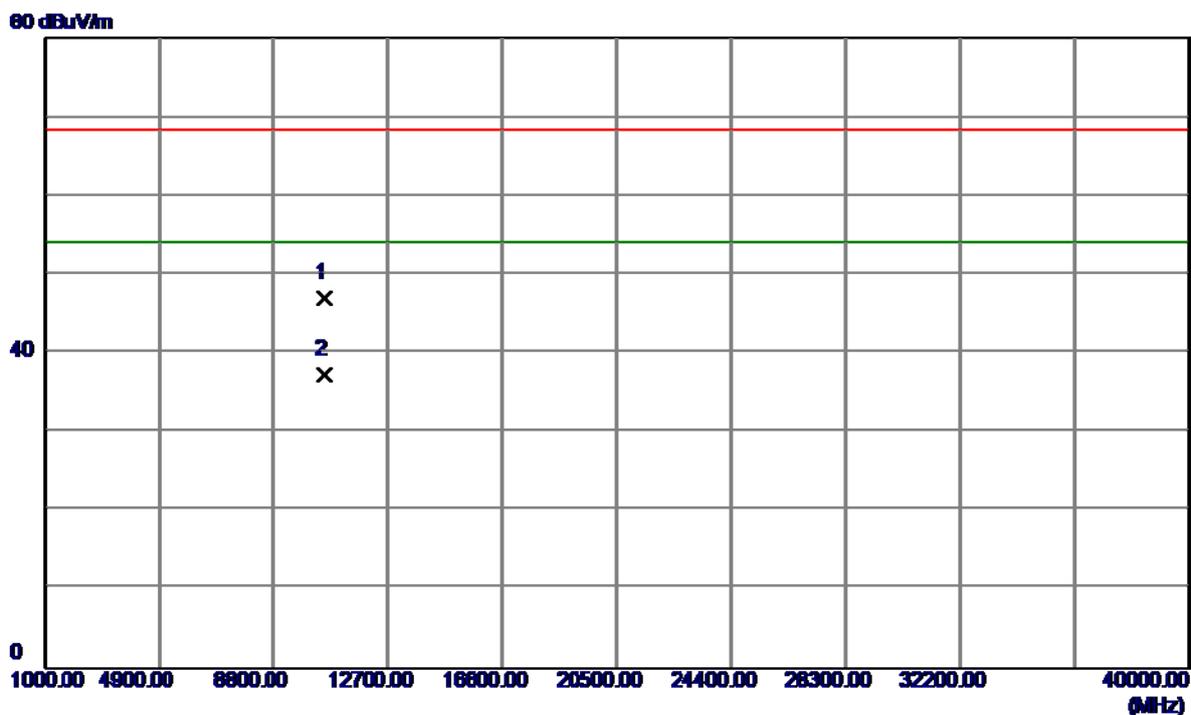
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5267.7000	55.47	40.47	95.94	54.00	41.94	AVG	No Limit
2	5266.5000	65.40	40.46	105.86	68.30	37.56	Peak	No Limit

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

### Horizontal

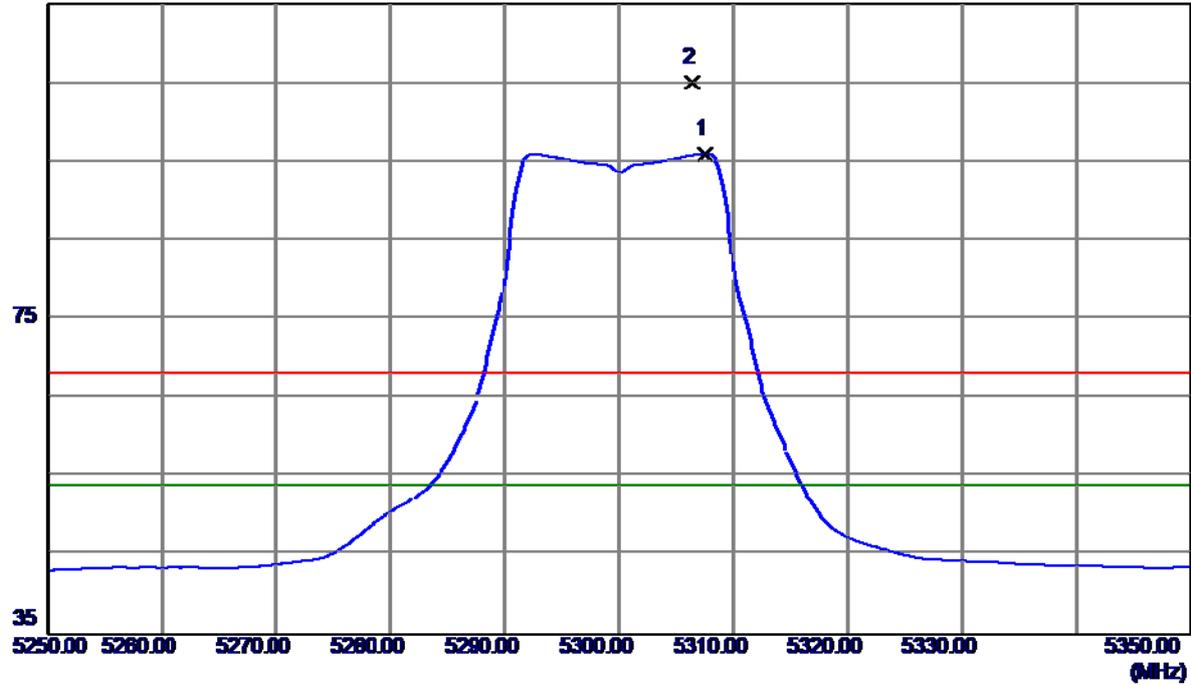


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.0900	33.22	13.75	46.97	68.30	-21.33	Peak	
2	10520.0900	23.51	13.75	37.26	54.00	-16.74	AVG	

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

**Vertical**

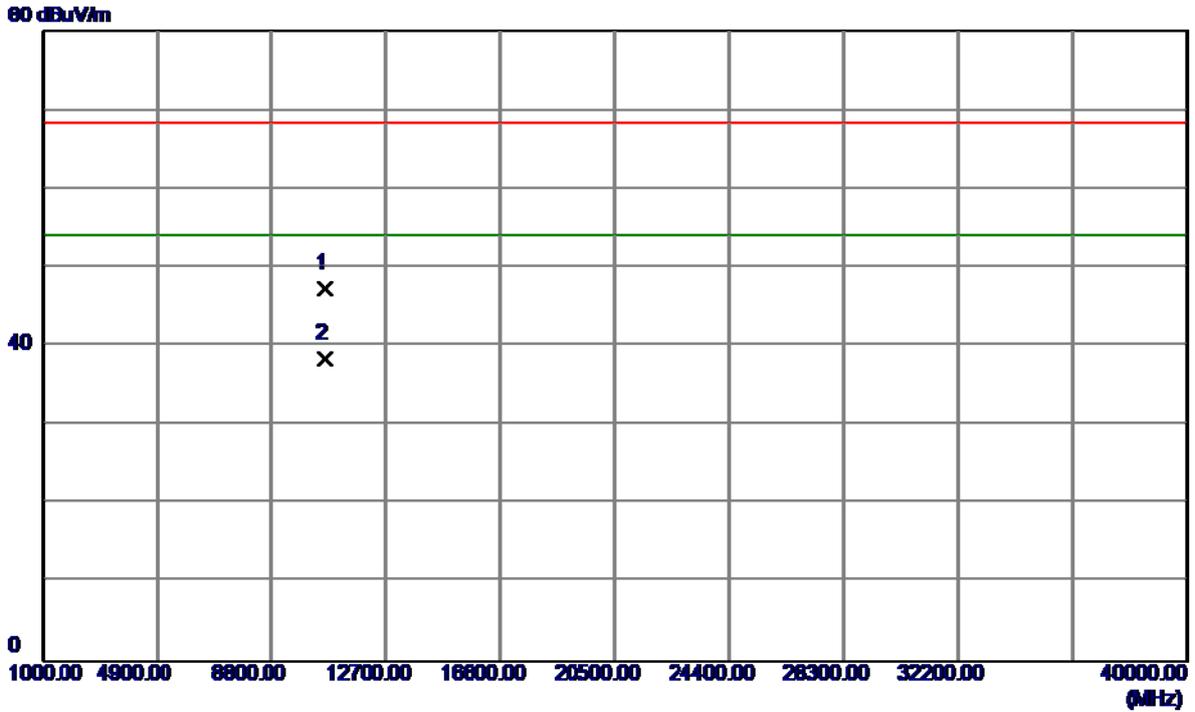
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5307.6000	55.47	40.55	96.02	54.00	42.02	AVG	No Limit
2	5306.4000	64.48	40.55	105.03	68.30	36.73	Peak	No Limit

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

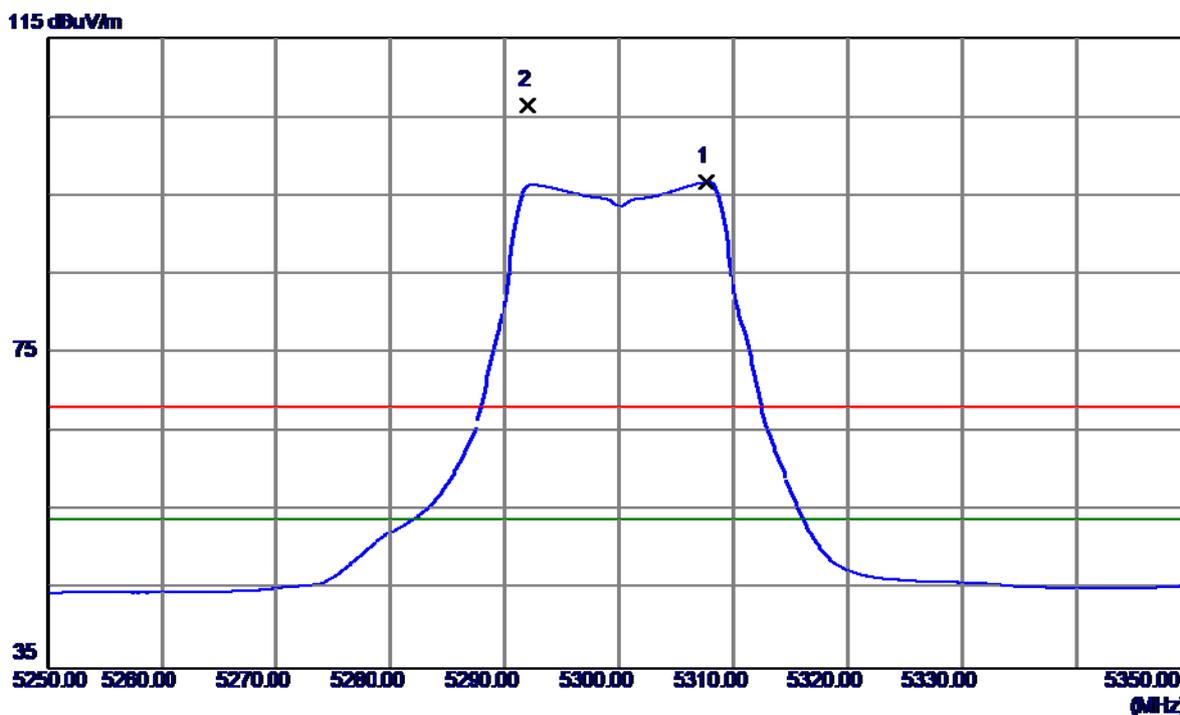
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.2670	33.27	14.08	47.35	68.30	-20.95	Peak	
2	10600.6070	24.32	14.08	38.40	54.00	-15.60	AVG	

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

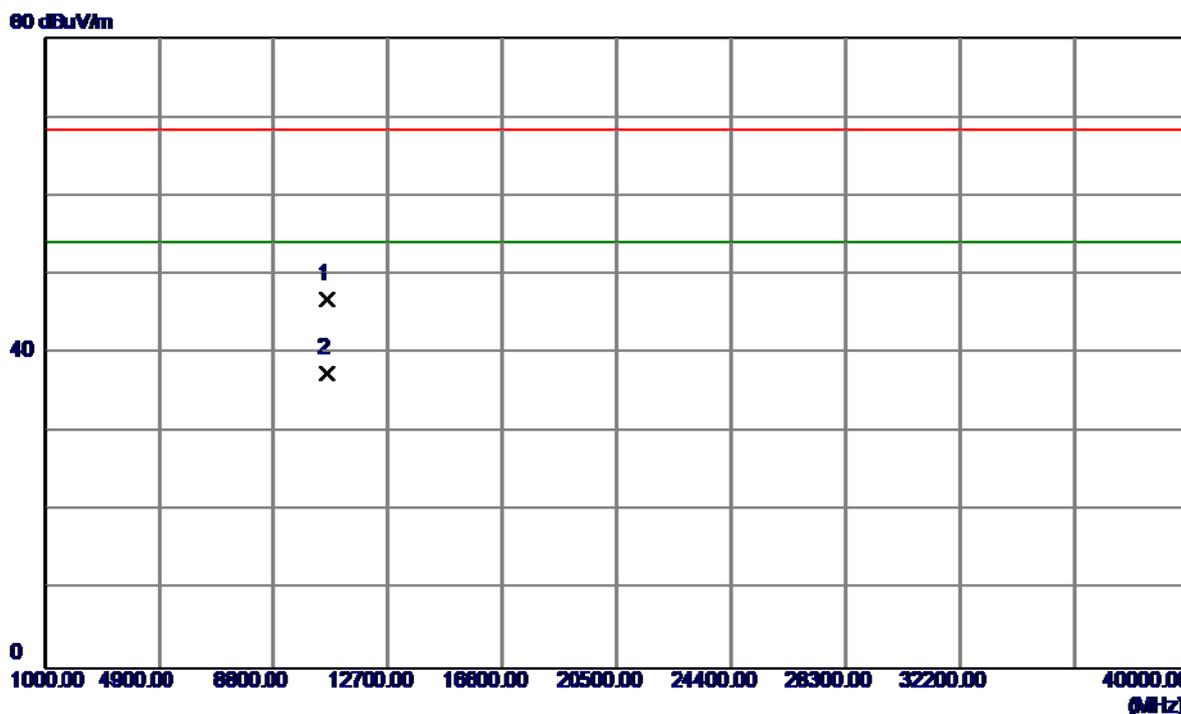
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5307.7000	56.17	40.55	96.72	54.00	42.72	AVG	No Limit
2	5292.0000	66.03	40.52	106.55	68.30	38.25	Peak	No Limit

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

### Horizontal

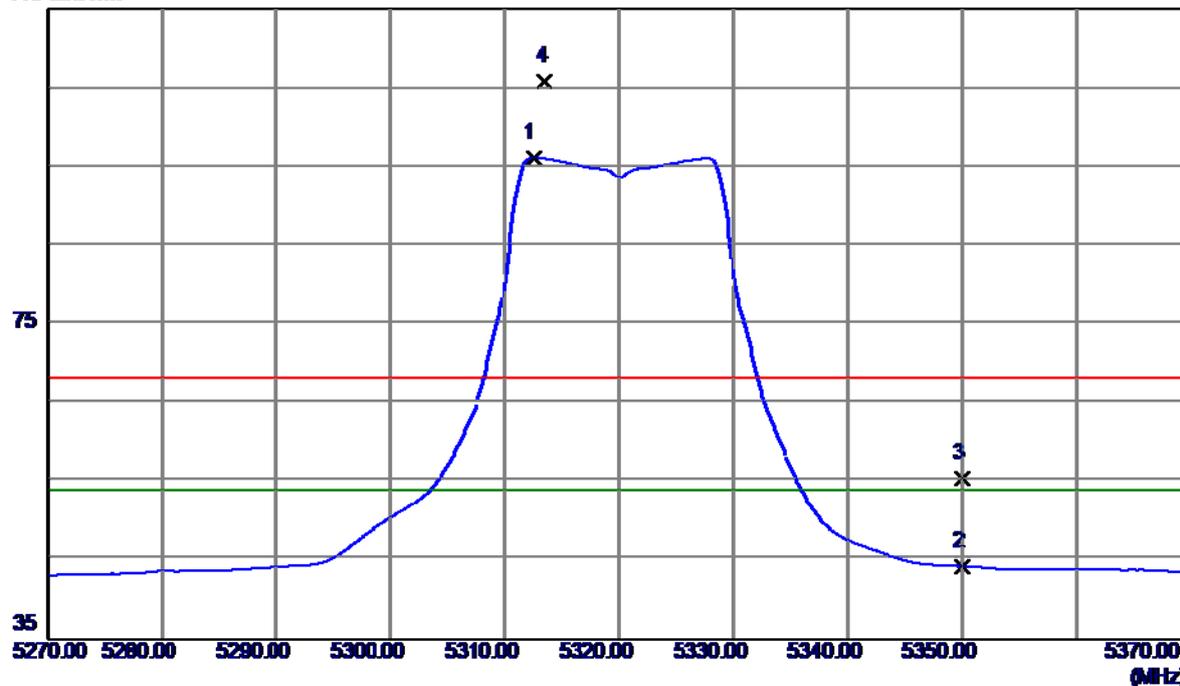


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.6900	32.78	14.08	46.86	68.30	-21.44	Peak	
2	10600.3280	23.35	14.08	37.43	54.00	-16.57	AVG	

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

### Vertical

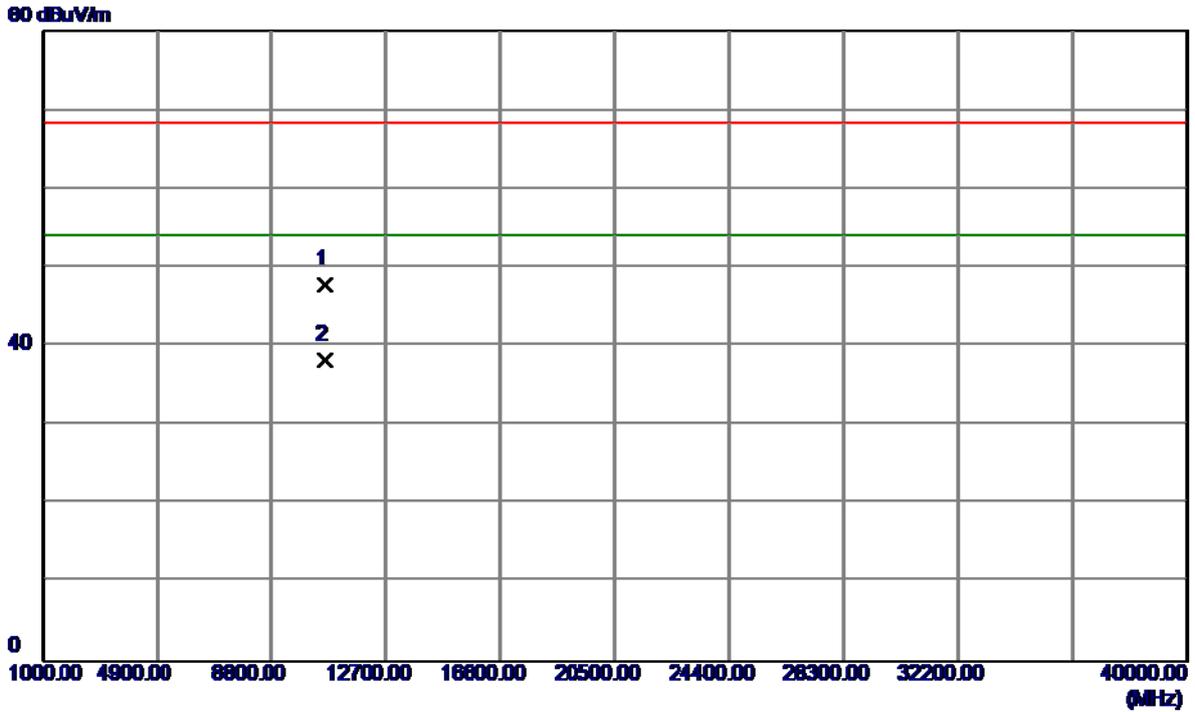
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.5000	55.62	40.56	96.18	54.00	42.18	AVG	No Limit
2	5350.0000	3.69	40.64	44.33	54.00	-9.67	AVG	
3	5350.0000	14.89	40.64	55.53	68.30	-12.77	Peak	
4	5313.5000	65.32	40.56	105.88	68.30	37.58	Peak	No Limit

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

**Vertical**

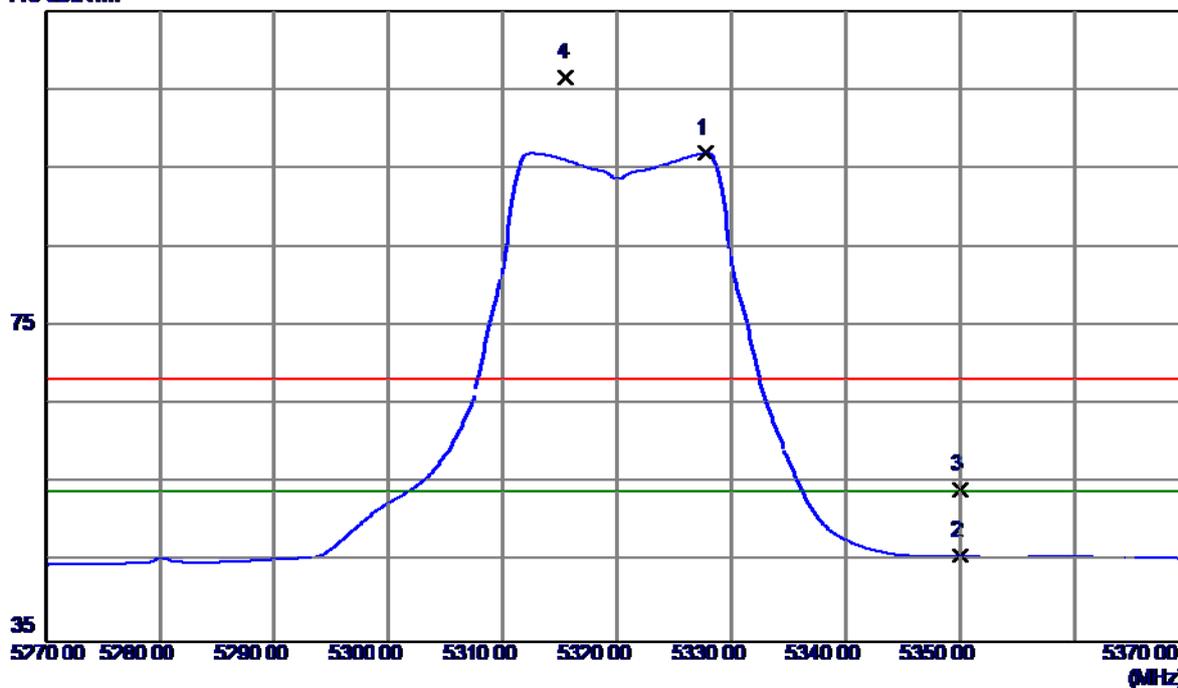


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.5510	33.57	14.25	47.82	68.30	-20.48	Peak	
2	10640.1660	24.04	14.25	38.29	54.00	-15.71	AVG	

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

### Horizontal

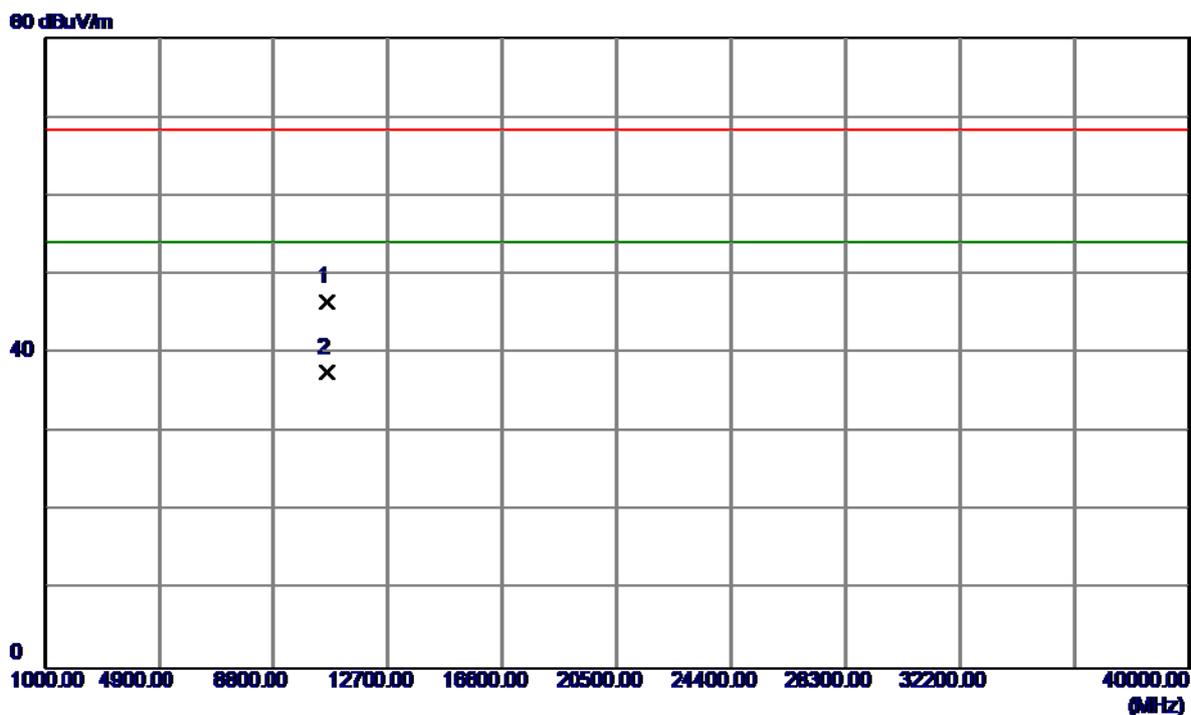
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5327.8000	56.30	40.59	96.89	54.00	42.89	AVG	No Limit
2	5350.0000	5.20	40.64	45.84	54.00	-8.16	AVG	
3	5350.0000	13.54	40.64	54.18	68.30	-14.12	Peak	
4	5315.5000	65.99	40.57	106.56	68.30	38.26	Peak	No Limit

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

### Horizontal

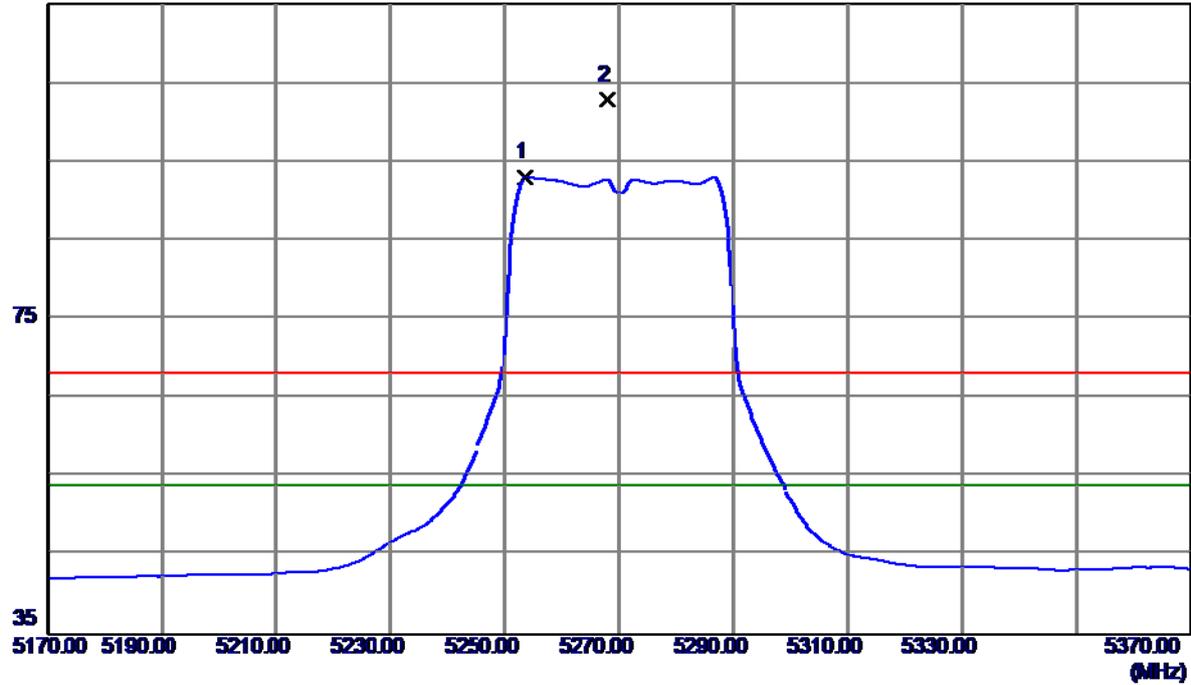


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.3670	32.30	14.25	46.55	68.30	-21.75	Peak	
2	10640.4589	23.27	14.25	37.52	54.00	-16.48	AVG	

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

**Vertical**

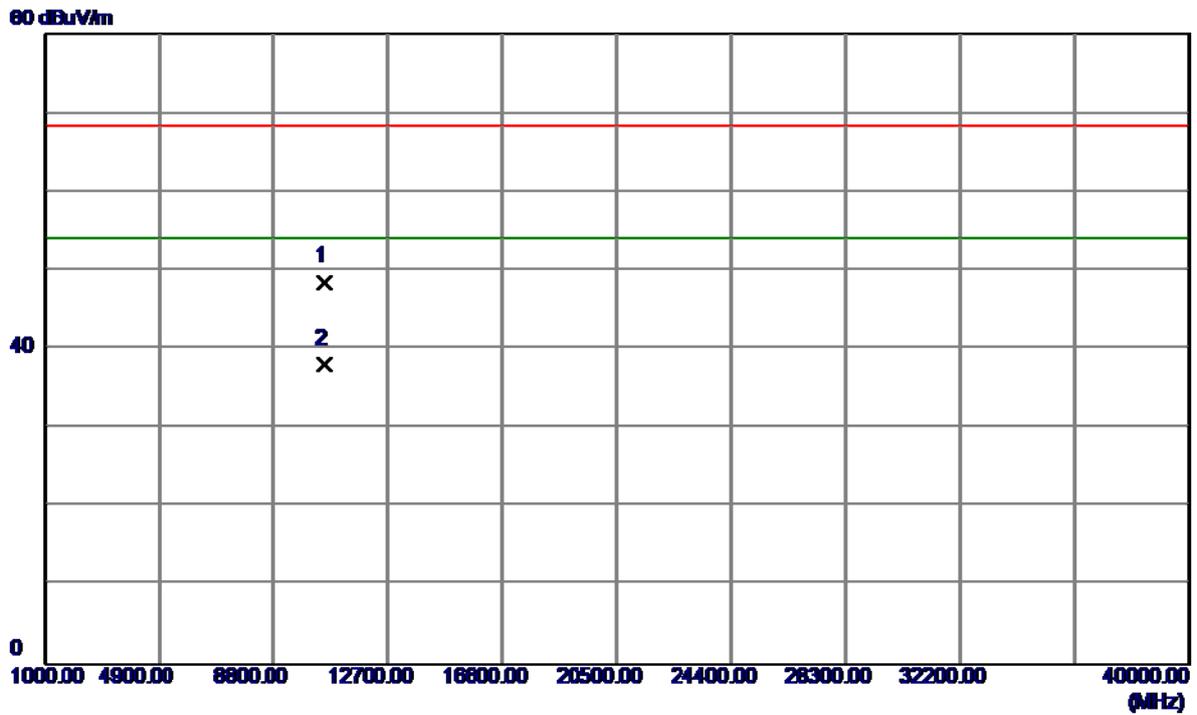
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5253.6000	52.71	40.44	93.15	54.00	39.15	AVG	No Limit
2	5268.0000	62.40	40.47	102.87	68.30	34.57	Peak	No Limit

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

**Vertical**

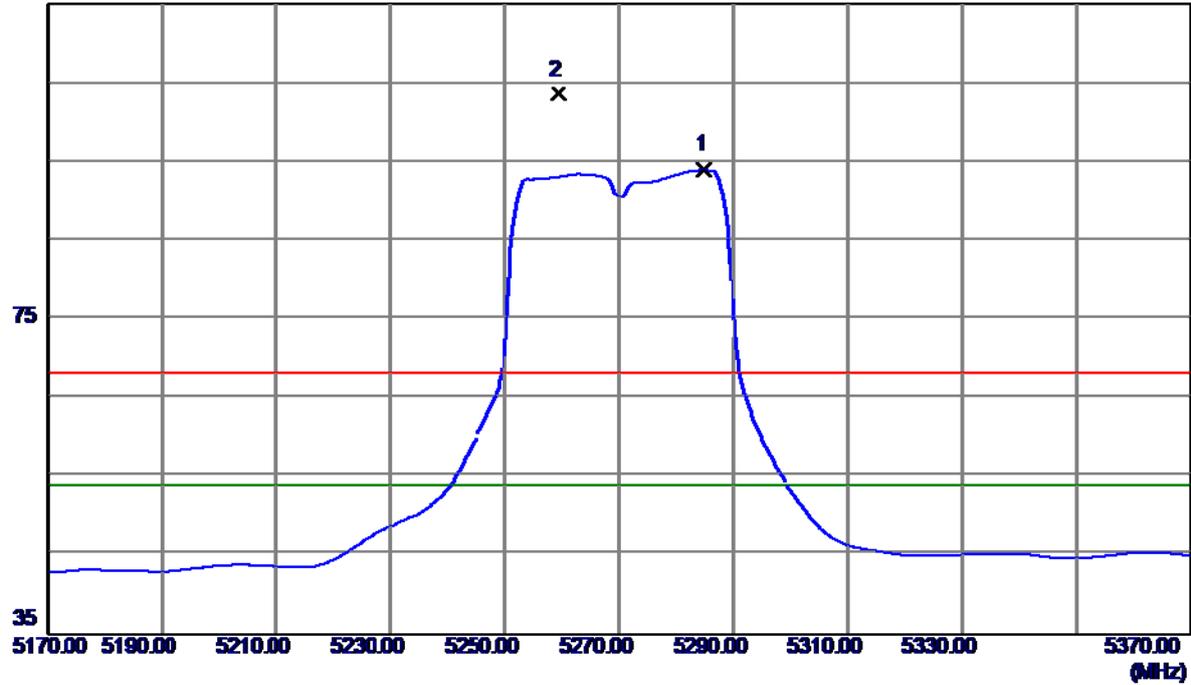


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10541.0300	34.72	13.84	48.56	68.30	-19.74	Peak	
2	10541.0300	24.19	13.84	38.03	54.00	-15.97	AVG	

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

### Horizontal

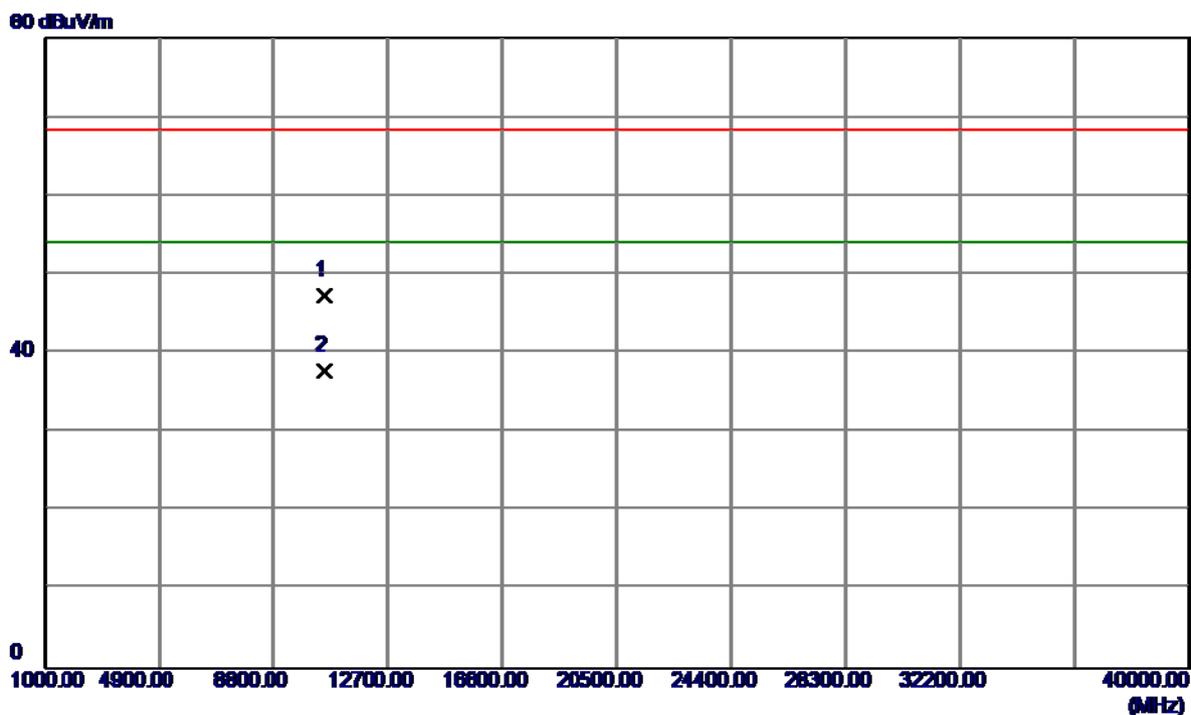
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5285.0000	53.48	40.50	93.98	54.00	39.98	AVG	No Limit
2	5259.4000	63.11	40.45	103.56	68.30	35.26	Peak	No Limit

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

### Horizontal

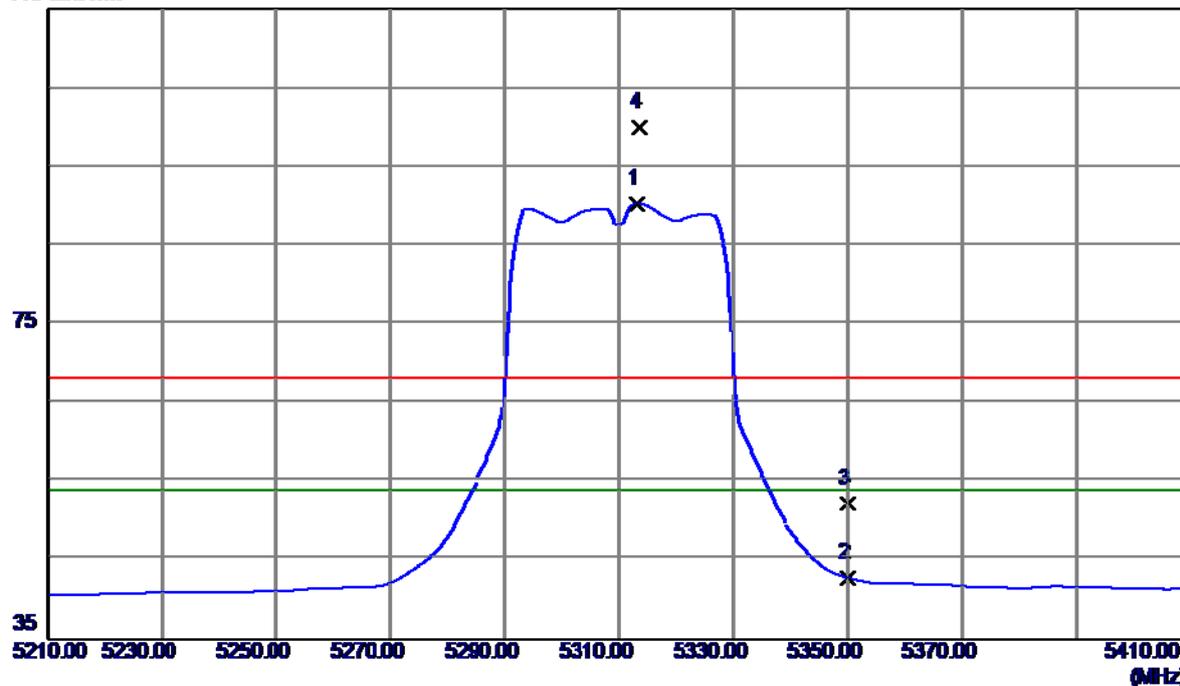


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10540.4990	33.50	13.83	47.33	68.30	-20.97	Peak	
2	10540.3700	23.92	13.83	37.75	54.00	-16.25	AVG	

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

**Vertical**

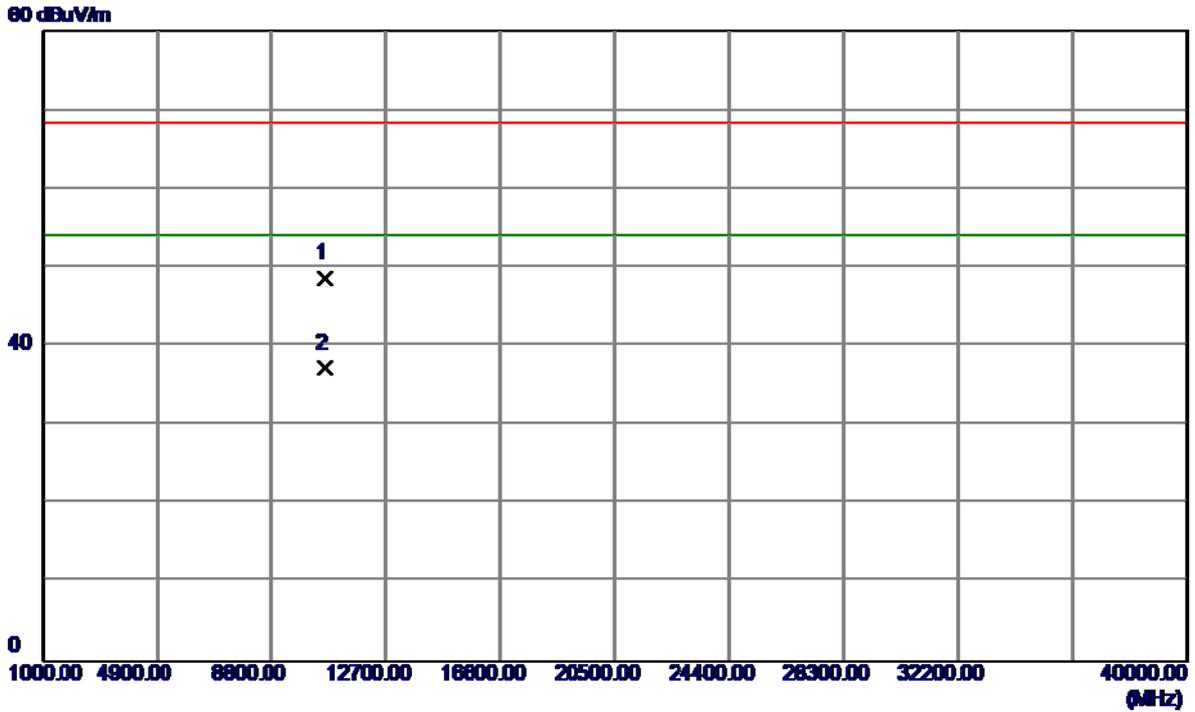
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.2000	49.72	40.56	90.28	54.00	36.28	AVG	No Limit
2	5350.0000	2.20	40.64	42.84	54.00	-11.16	AVG	
3	5350.0000	11.70	40.64	52.34	68.30	-15.96	Peak	
4	5313.6000	59.47	40.56	100.03	68.30	31.73	Peak	No Limit

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

**Vertical**

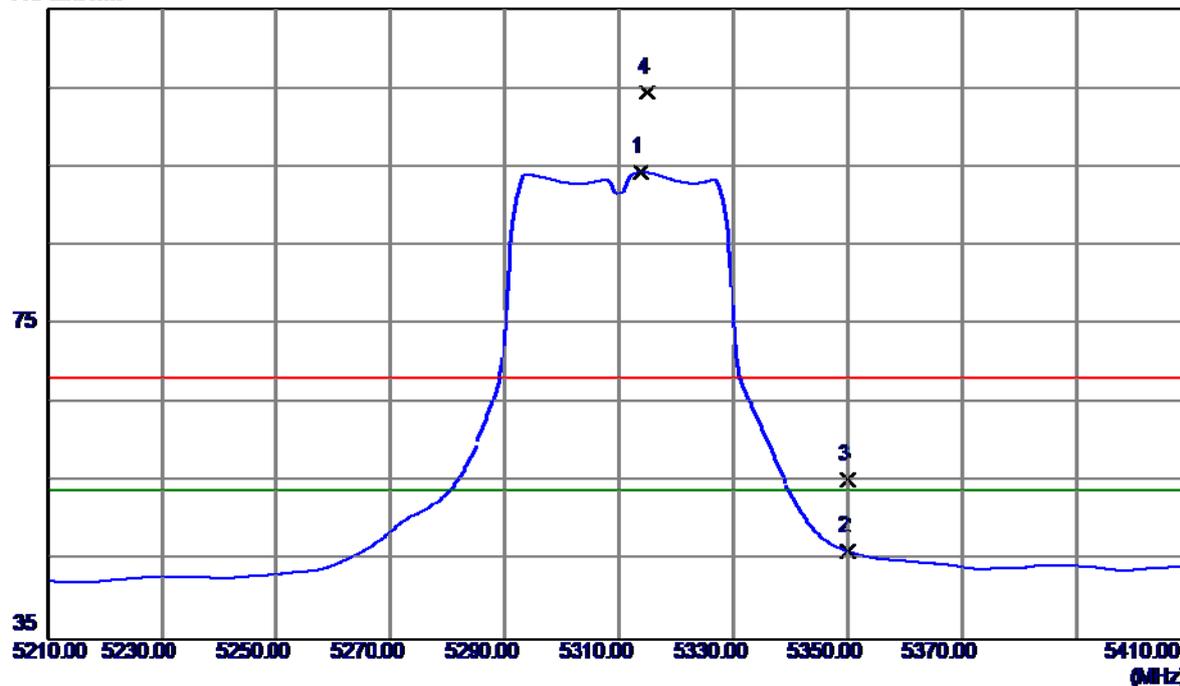


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10620.4980	34.50	14.17	48.67	68.30	-19.63	Peak	
2	10620.8789	23.03	14.17	37.20	54.00	-16.80	AVG	

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

### Horizontal

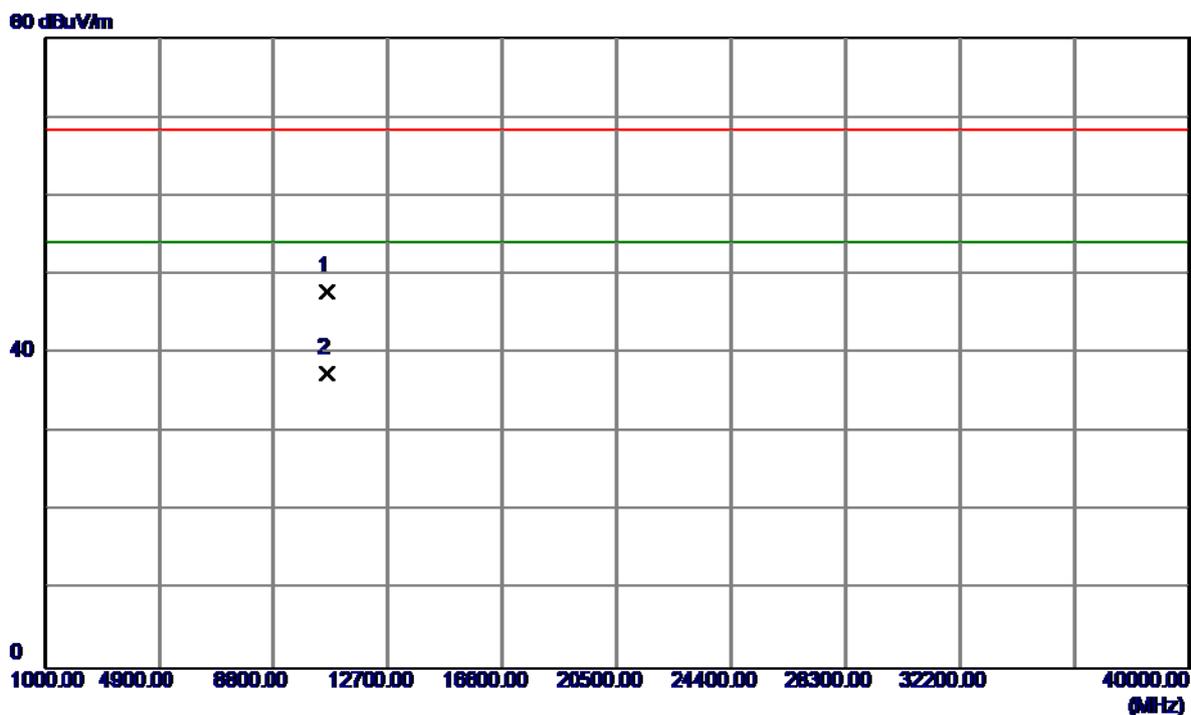
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.8000	53.78	40.57	94.35	54.00	40.35	AVG	No Limit
2	5350.0000	5.51	40.64	46.15	54.00	-7.85	AVG	
3	5350.0000	14.74	40.64	55.38	68.30	-12.92	Peak	
4	5314.8000	63.88	40.57	104.45	68.30	36.15	Peak	No Limit

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

### Horizontal

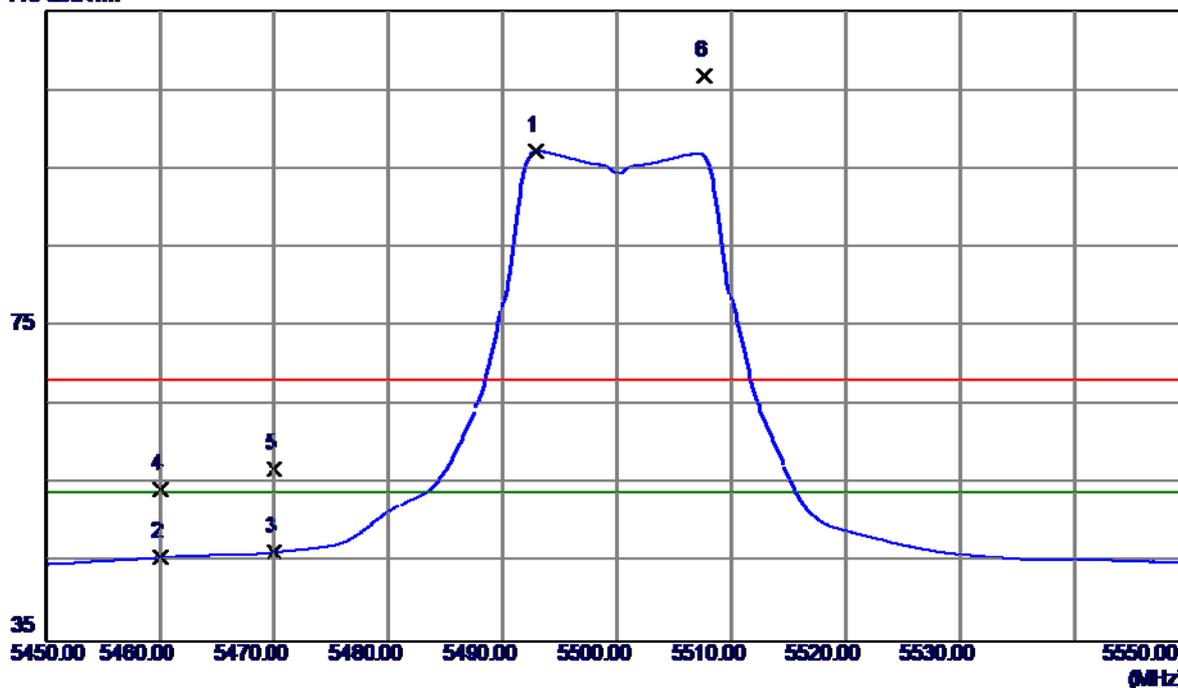


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10621.3670	33.67	14.17	47.84	68.30	-20.46	Peak	
2	10621.6310	23.32	14.17	37.49	54.00	-16.51	AVG	

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

### Vertical

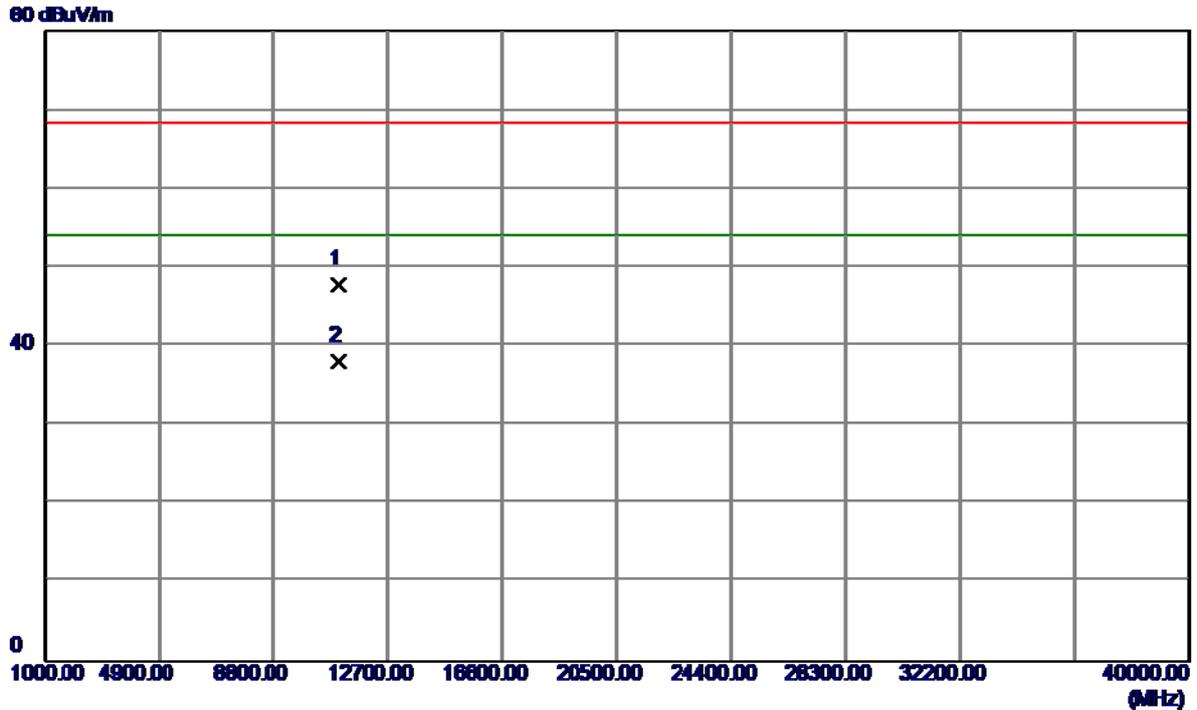
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5492.9000	56.34	40.94	97.28	54.00	43.28	AVG	No Limit
2	5460.0000	4.80	40.88	45.68	54.00	-8.32	AVG	
3	5470.0000	5.42	40.90	46.32	54.00	-7.68	AVG	
4	5460.0000	13.55	40.88	54.43	68.30	-13.87	Peak	
5	5470.0000	15.97	40.90	56.87	68.30	-11.43	Peak	
6	5507.7000	65.92	40.97	106.89	68.30	38.59	Peak	No Limit

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

**Vertical**

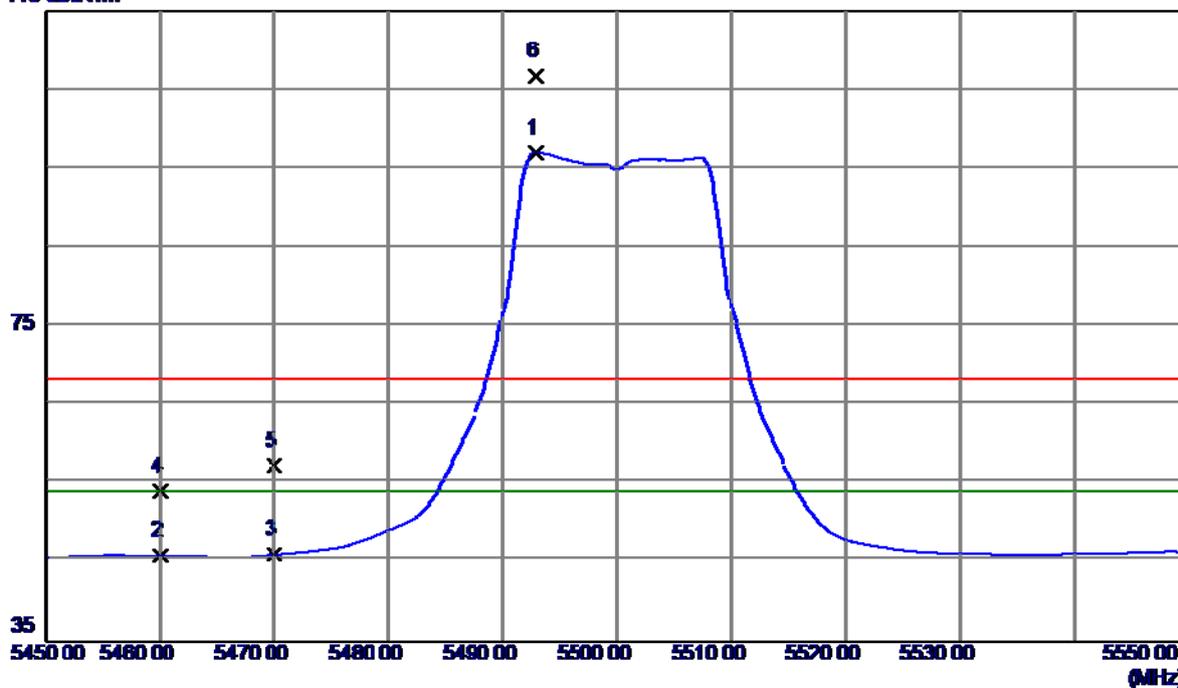


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.2240	32.12	15.75	47.87	68.30	-20.43	Peak	
2	11000.0340	22.27	15.75	38.02	54.00	-15.98	AVG	

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

### Horizontal

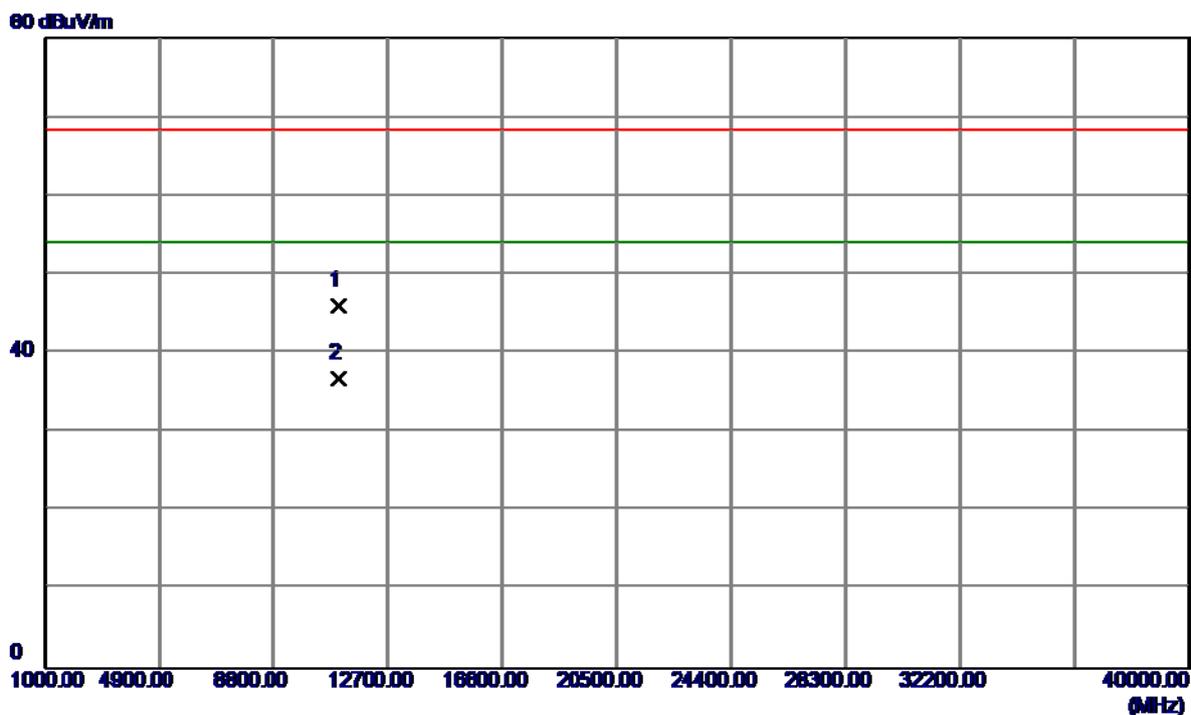
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5492.9000	56.01	40.94	96.95	54.00	42.95	AVG	No Limit
2	5460.0000	4.98	40.88	45.86	54.00	-8.14	AVG	
3	5470.0000	5.14	40.90	46.04	54.00	-7.96	AVG	
4	5460.0000	13.08	40.88	53.96	68.30	-14.34	Peak	
5	5470.0000	16.27	40.90	57.17	68.30	-11.13	Peak	
6	5492.9000	65.72	40.94	106.66	68.30	38.36	Peak	No Limit

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

### Horizontal

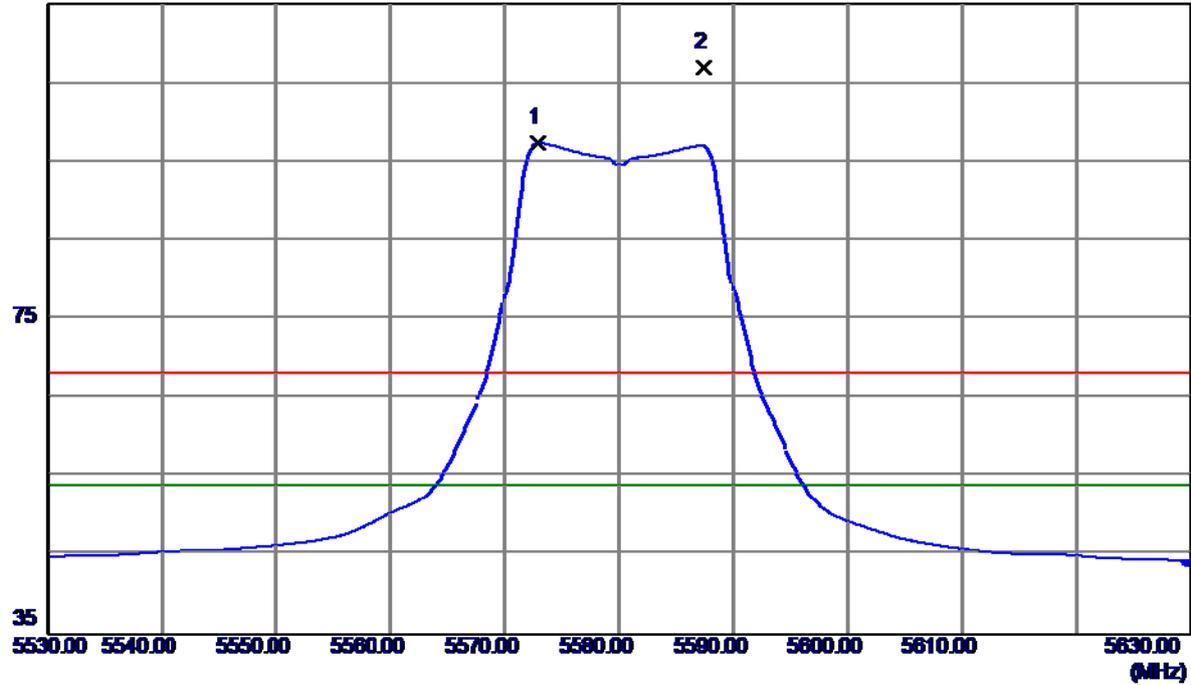


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.5570	30.35	15.75	46.10	68.30	-22.20	Peak	
2	11000.6740	21.11	15.75	36.86	54.00	-17.14	AVG	

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

**Vertical**

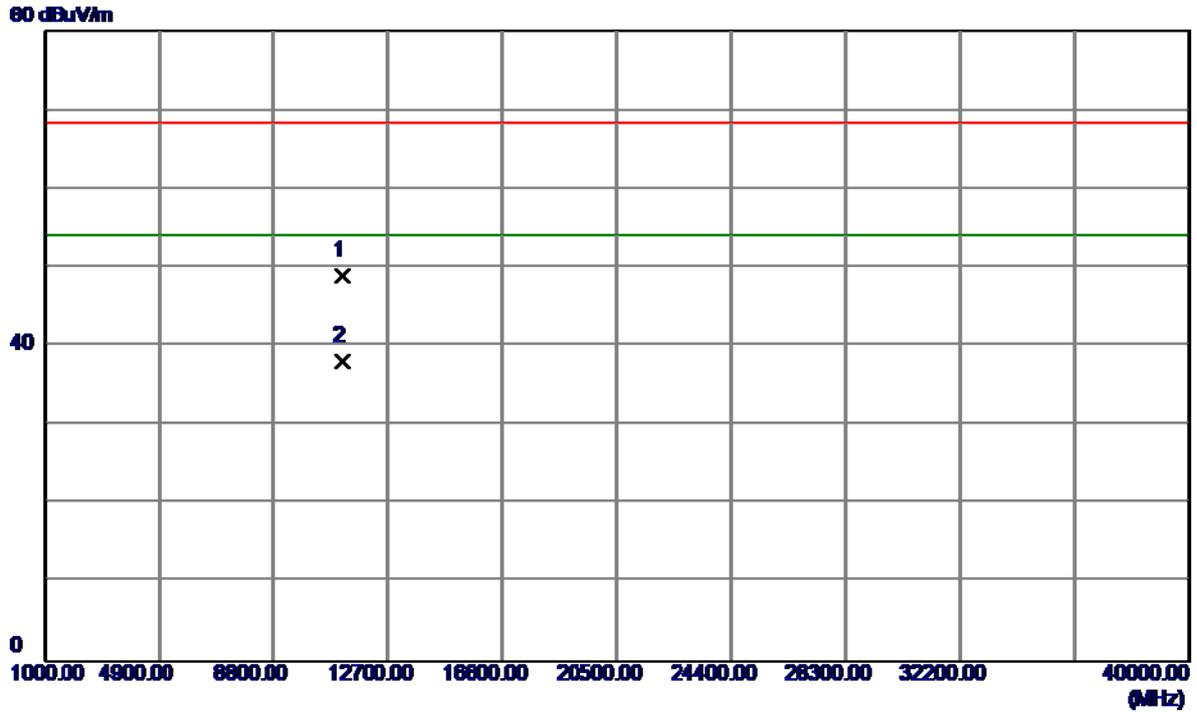
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.9000	56.33	41.06	97.39	54.00	43.39	AVG	No Limit
2	5587.4000	65.99	41.08	107.07	68.30	38.77	Peak	No Limit

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

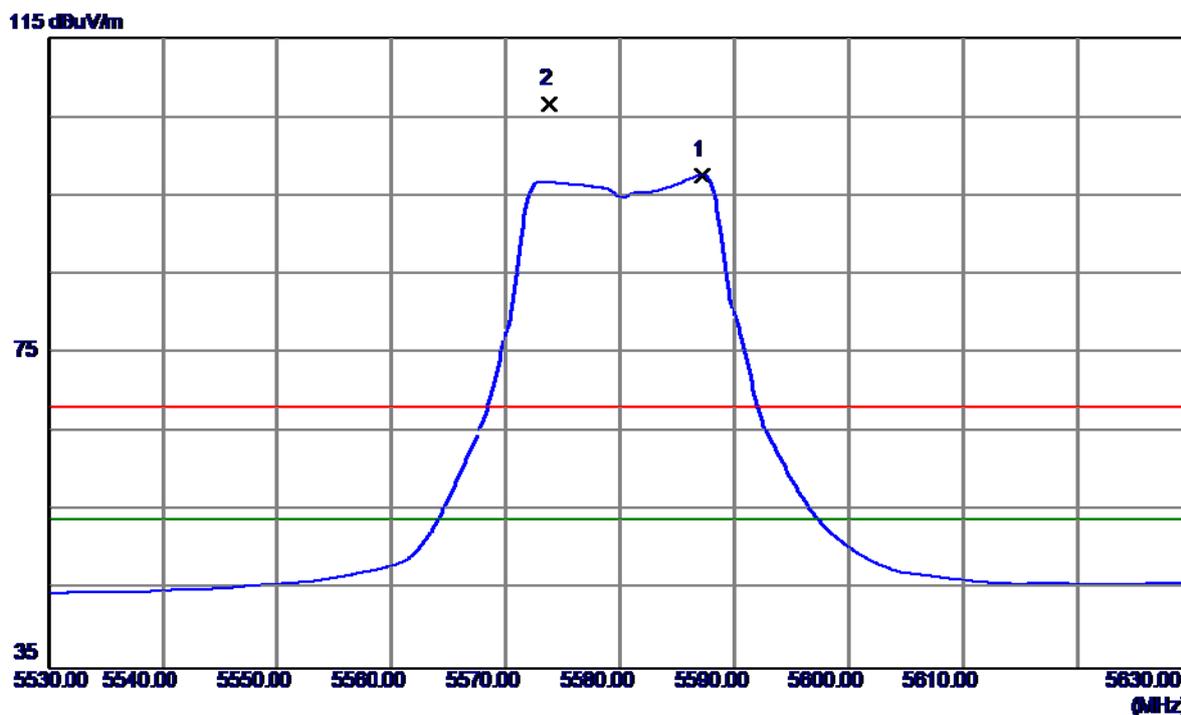
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.6740	32.77	16.13	48.90	68.30	-19.40	Peak	
2	11160.3339	21.89	16.13	38.02	54.00	-15.98	AVG	

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

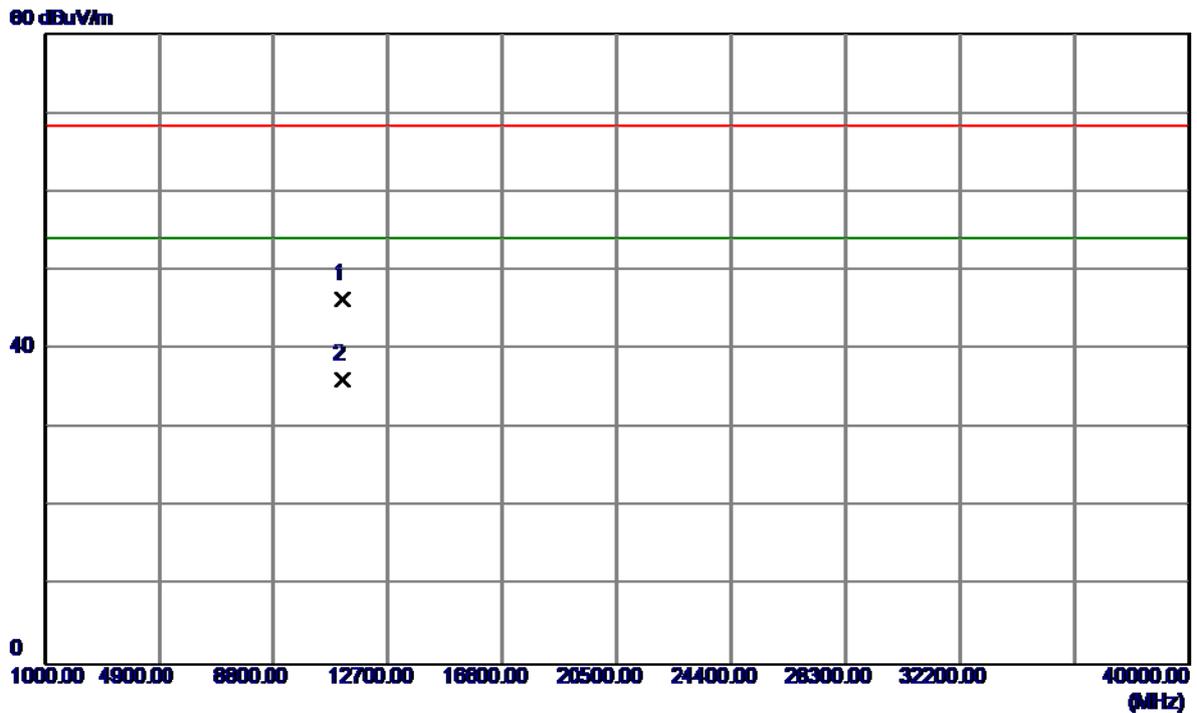
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5587.2000	56.55	41.08	97.63	54.00	43.63	AVG	No Limit
2	5573.8000	65.57	41.06	106.63	68.30	38.33	Peak	No Limit

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

### Horizontal

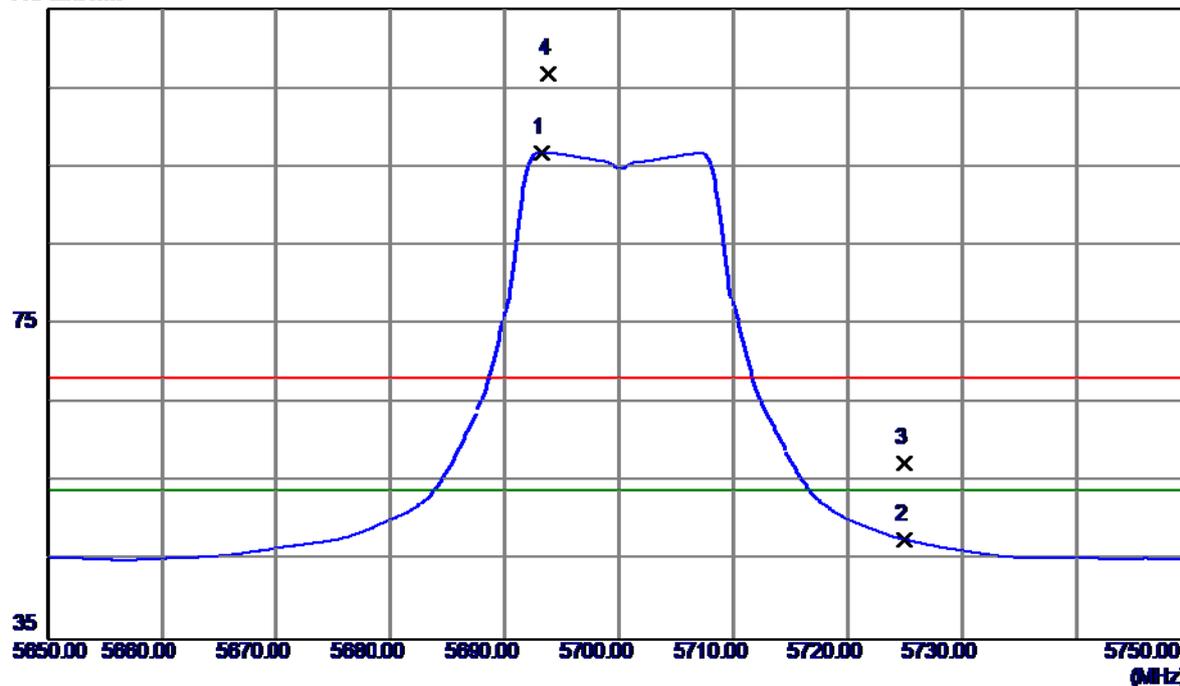


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.2730	30.31	16.13	46.44	68.30	-21.86	Peak	
2	11160.3010	20.02	16.13	36.15	54.00	-17.85	AVG	

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

### Vertical

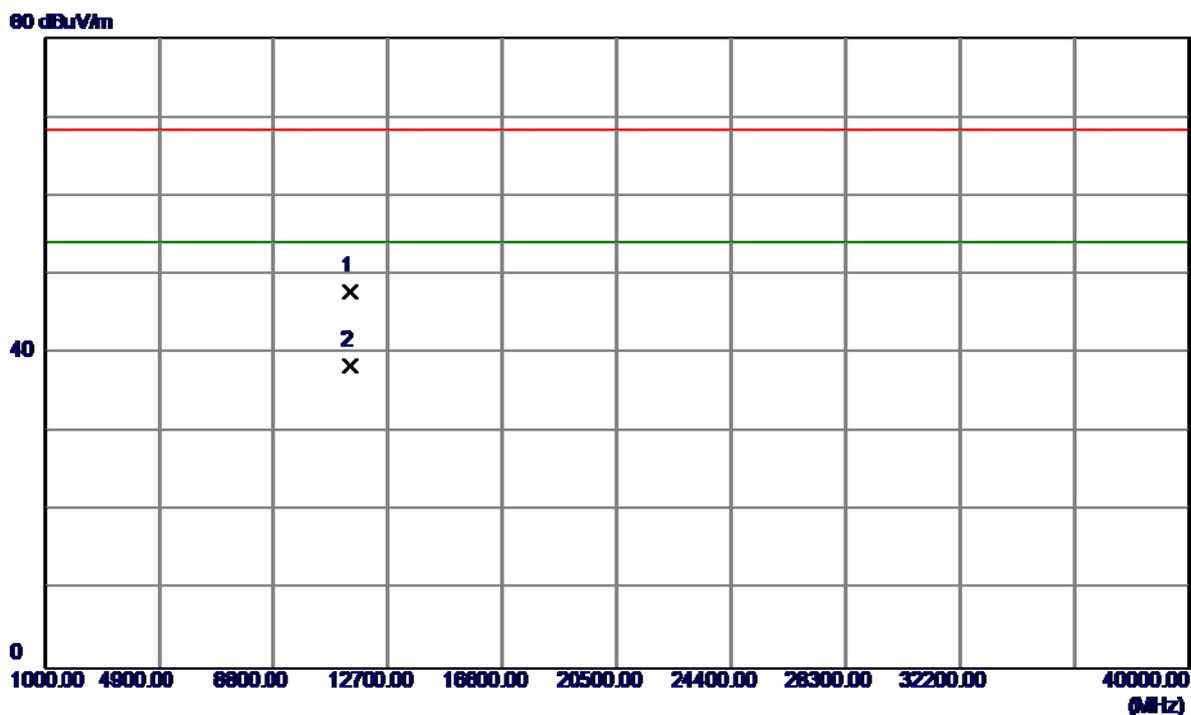
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5693.2000	55.61	41.22	96.83	54.00	42.83	AVG	No Limit
2	5725.0000	6.40	41.27	47.67	54.00	-6.33	AVG	
3	5725.0000	16.18	41.27	57.45	68.30	-10.85	Peak	
4	5693.8000	65.59	41.22	106.81	68.30	38.51	Peak	No Limit

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

**Vertical**

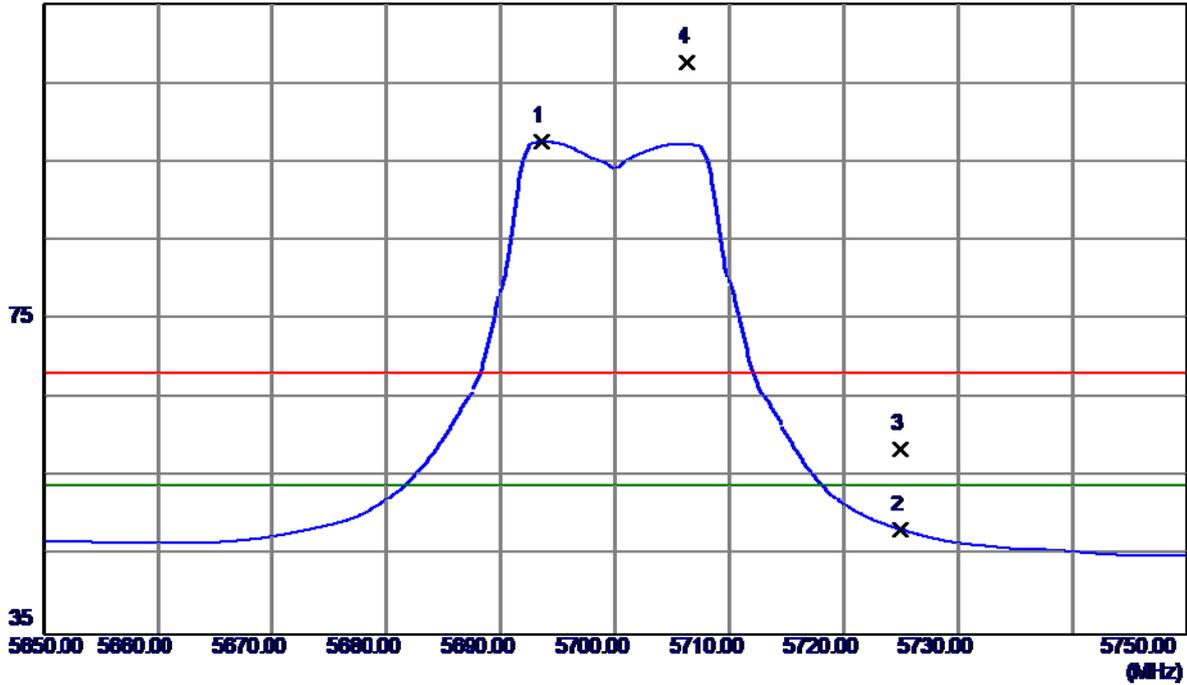


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.2600	31.22	16.70	47.92	68.30	-20.38	Peak	
2	11400.2890	21.63	16.70	38.33	54.00	-15.67	AVG	

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

### Horizontal

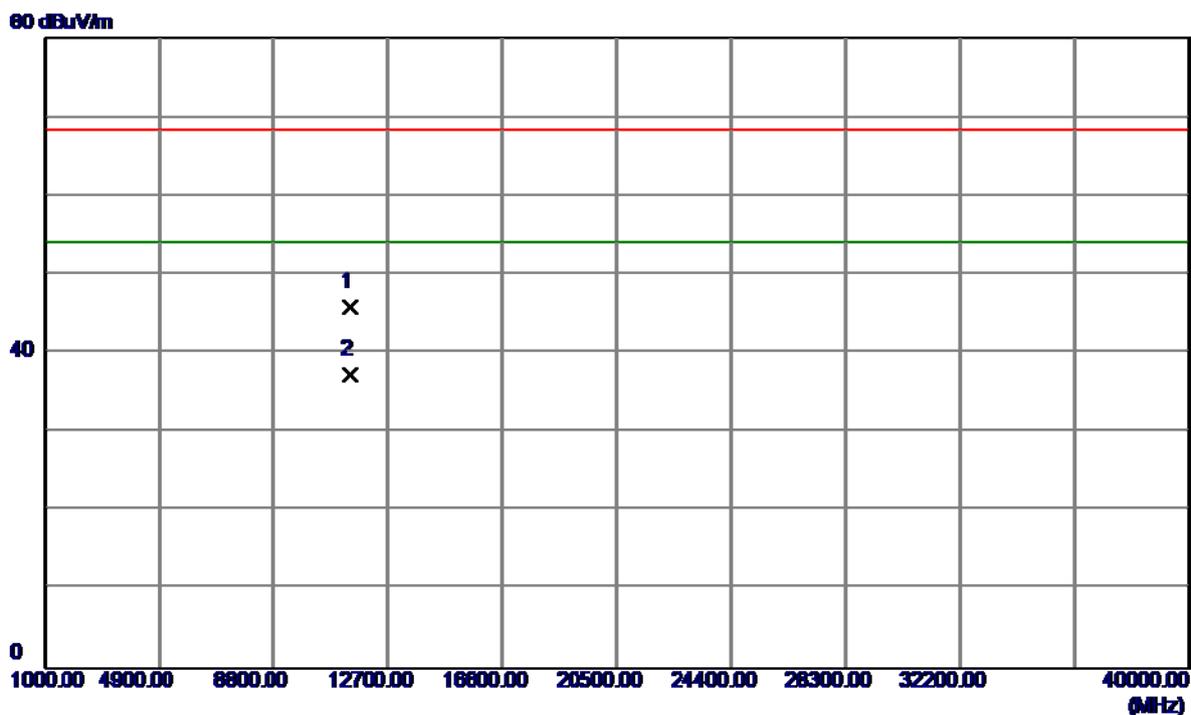
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5693.6000	56.34	41.22	97.56	54.00	43.56	AVG	No Limit
2	5725.0000	7.05	41.27	48.32	54.00	-5.68	AVG	
3	5725.0000	17.31	41.27	58.58	68.30	-9.72	Peak	
4	5706.3000	66.33	41.24	107.57	68.30	39.27	Peak	No Limit

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

### Horizontal

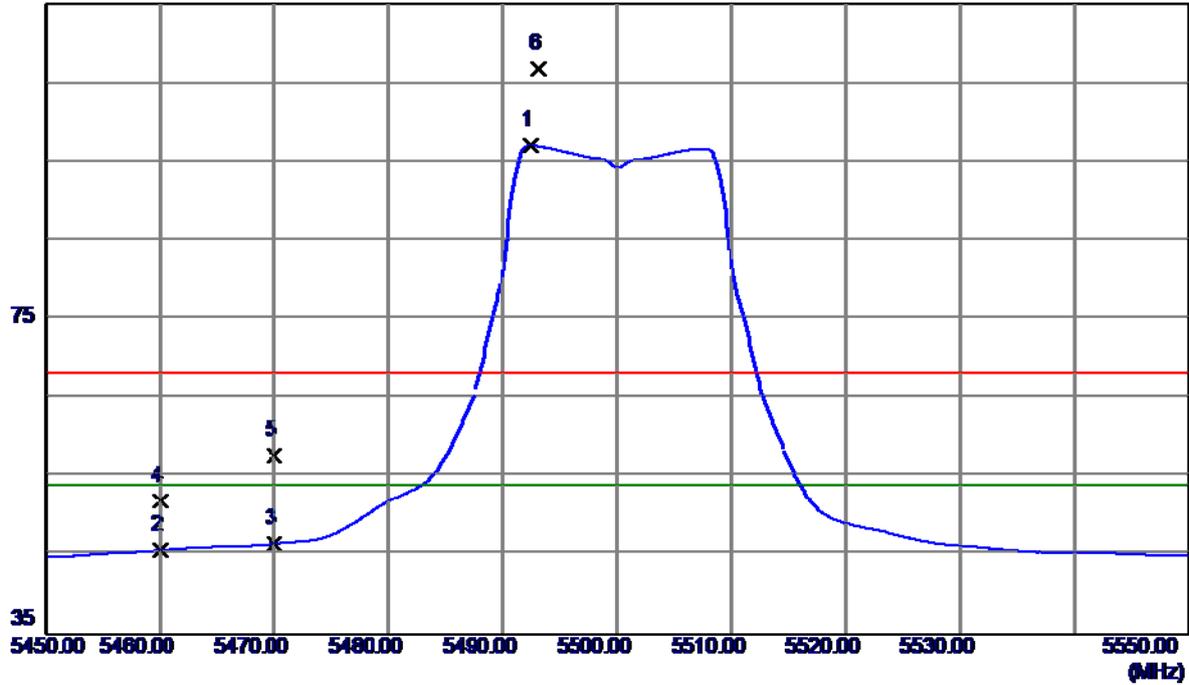


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.3540	29.23	16.70	45.93	68.30	-22.37	Peak	
2	11400.3360	20.62	16.70	37.32	54.00	-16.68	AVG	

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

**Vertical**

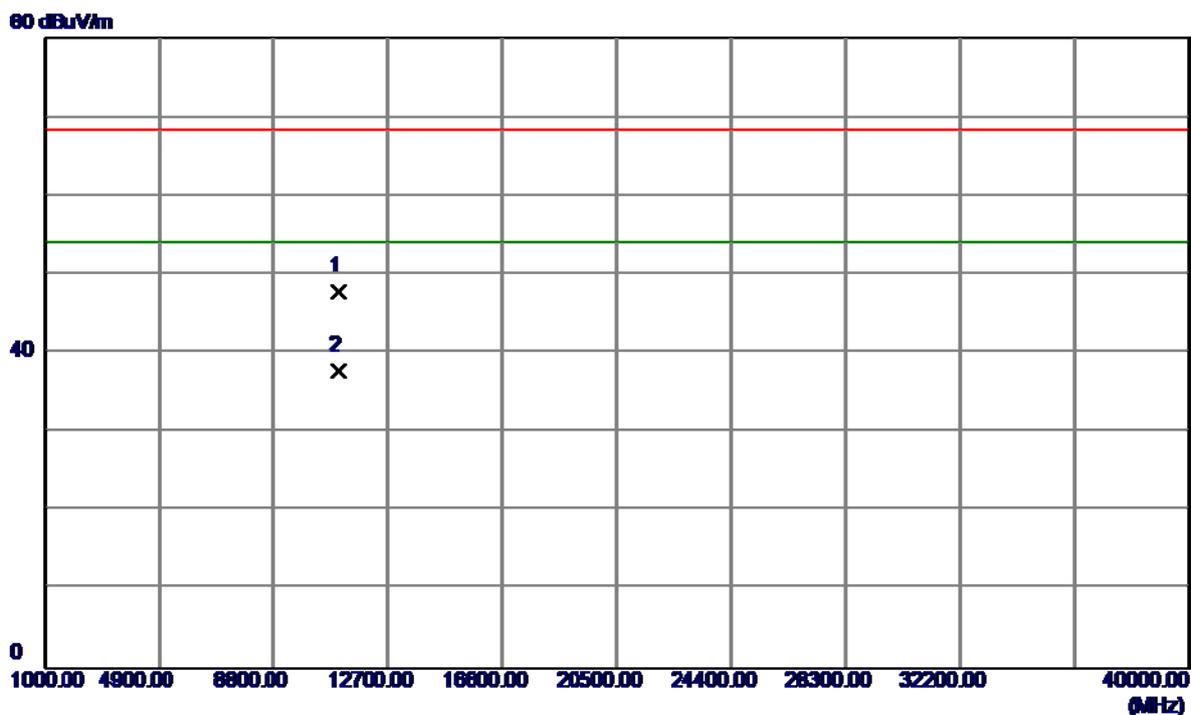
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5492.4000	56.12	40.94	97.06	54.00	43.06	AVG	No Limit
2	5460.0000	4.82	40.88	45.70	54.00	-8.30	AVG	
3	5470.0000	5.62	40.90	46.52	54.00	-7.48	AVG	
4	5460.0000	11.11	40.88	51.99	68.30	-16.31	Peak	
5	5470.0000	16.77	40.90	57.67	68.30	-10.63	Peak	
6	5493.1000	65.88	40.95	106.83	68.30	38.53	Peak	No Limit

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

### Vertical

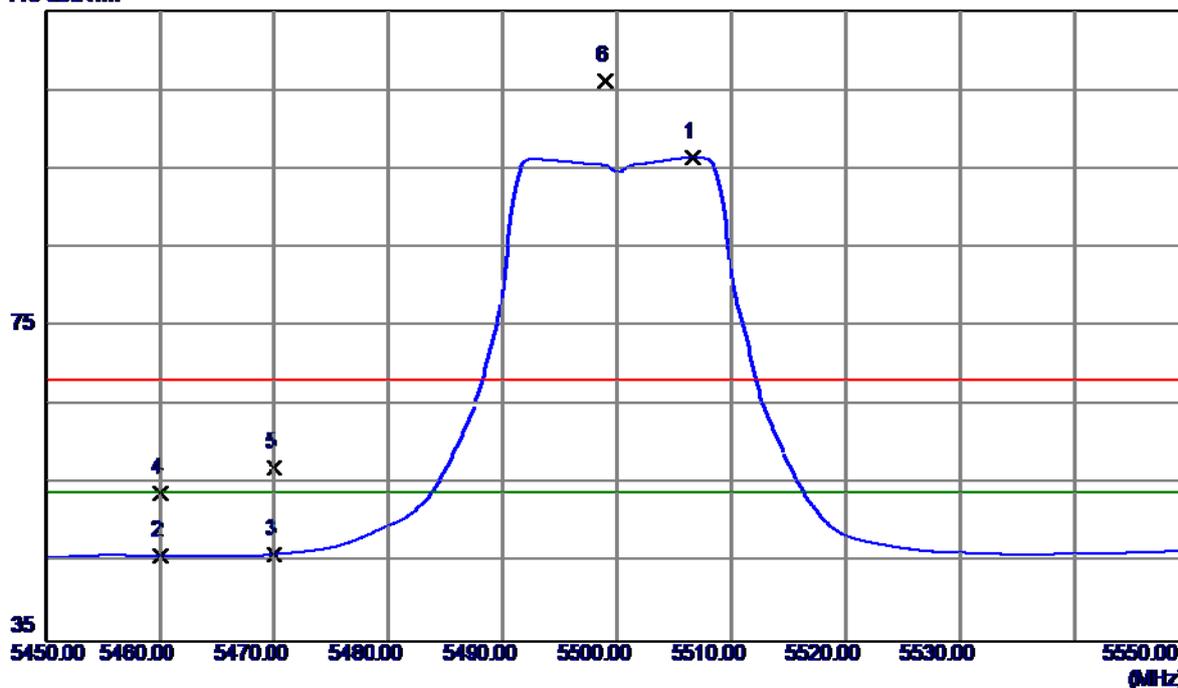


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.1870	32.02	15.75	47.77	68.30	-20.53	Peak	
2	11000.3570	22.01	15.75	37.76	54.00	-16.24	AVG	

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

### Horizontal

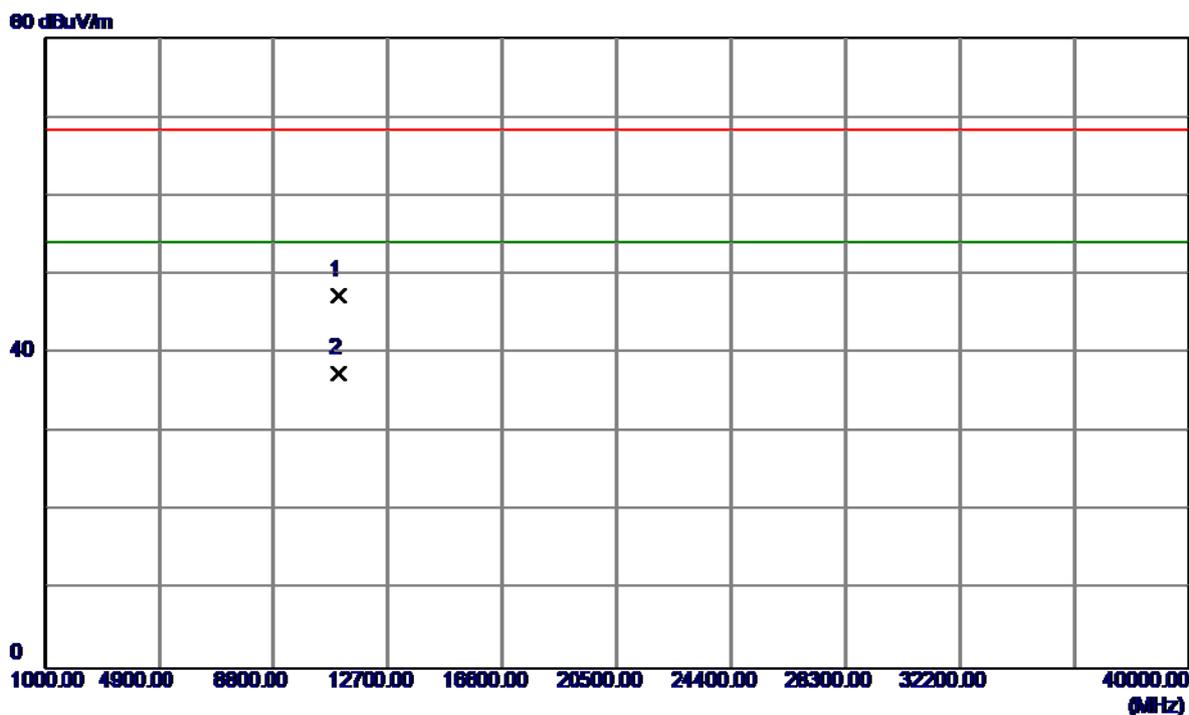
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5506.7000	55.45	40.97	96.42	54.00	42.42	AVG	No Limit
2	5460.0000	5.02	40.88	45.90	54.00	-8.10	AVG	
3	5470.0000	5.19	40.90	46.09	54.00	-7.91	AVG	
4	5460.0000	12.99	40.88	53.87	68.30	-14.43	Peak	
5	5470.0000	16.19	40.90	57.09	68.30	-11.21	Peak	
6	5499.0000	65.27	40.96	106.23	68.30	37.93	Peak	No Limit

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

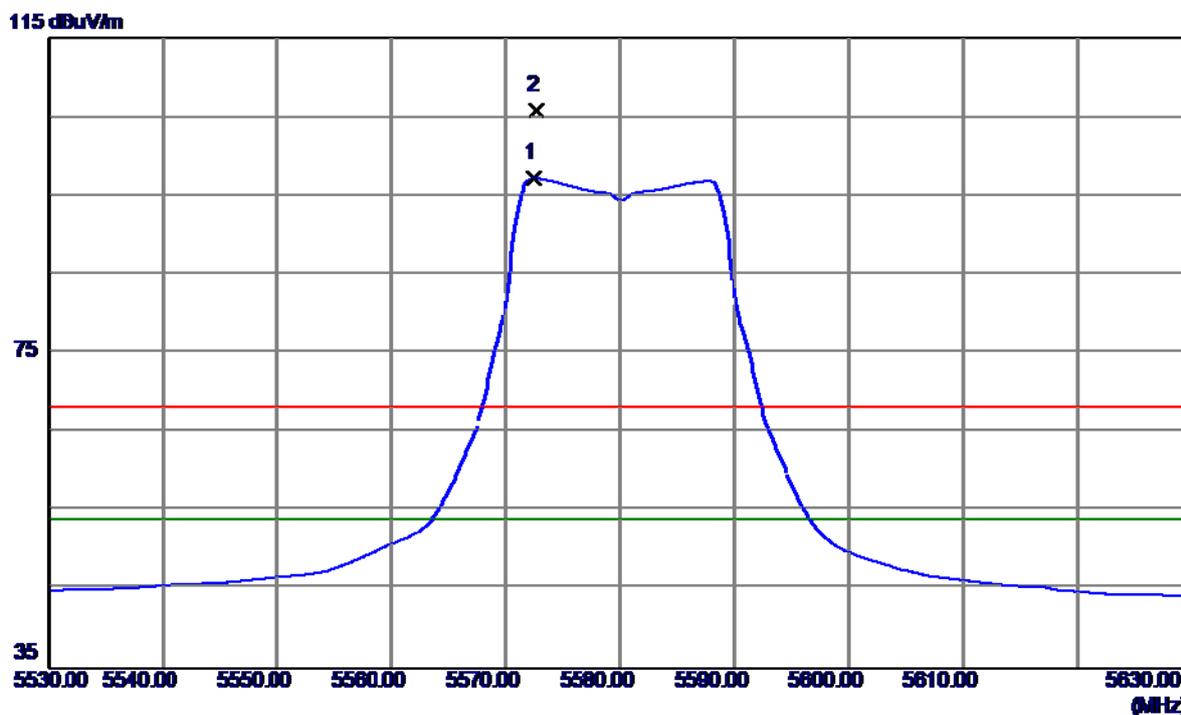
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.0599	31.56	15.75	47.31	68.30	-20.99	Peak	
2	11000.0599	21.66	15.75	37.41	54.00	-16.59	AVG	

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

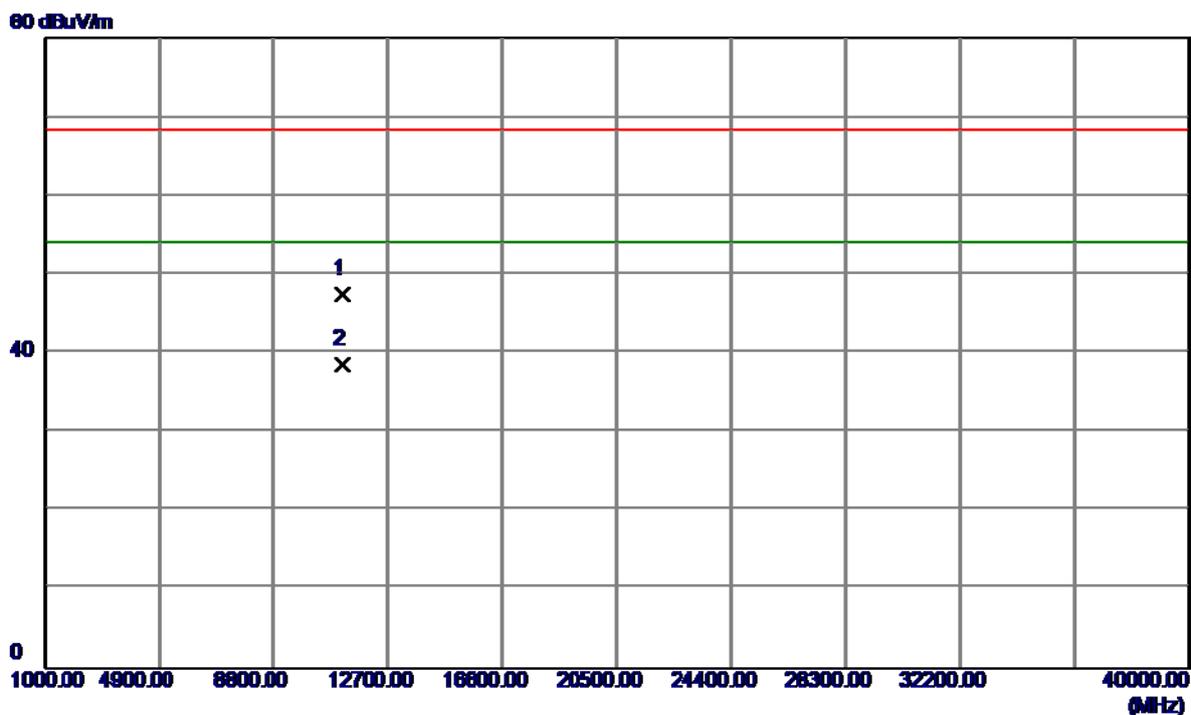
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.4000	56.16	41.06	97.22	54.00	43.22	AVG	No Limit
2	5572.7000	64.87	41.06	105.93	68.30	37.63	Peak	No Limit

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

### Vertical

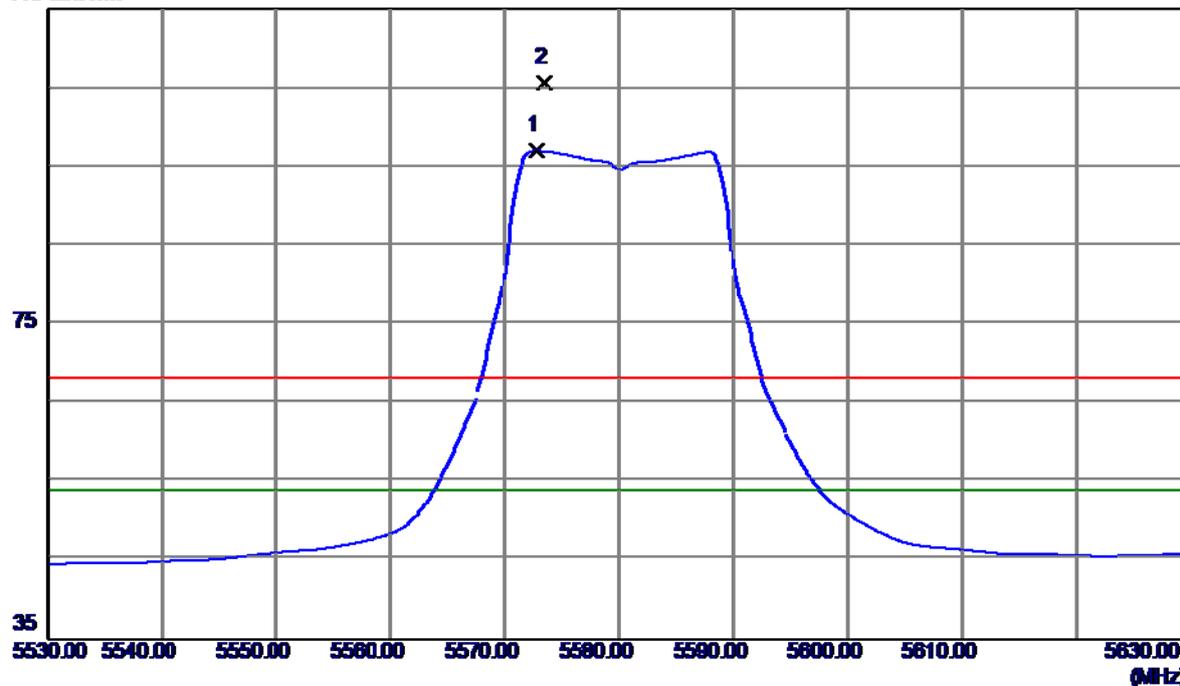


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.4890	31.37	16.13	47.50	68.30	-20.80	Peak	
2	11160.9400	22.38	16.13	38.51	54.00	-15.49	AVG	

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

### Horizontal

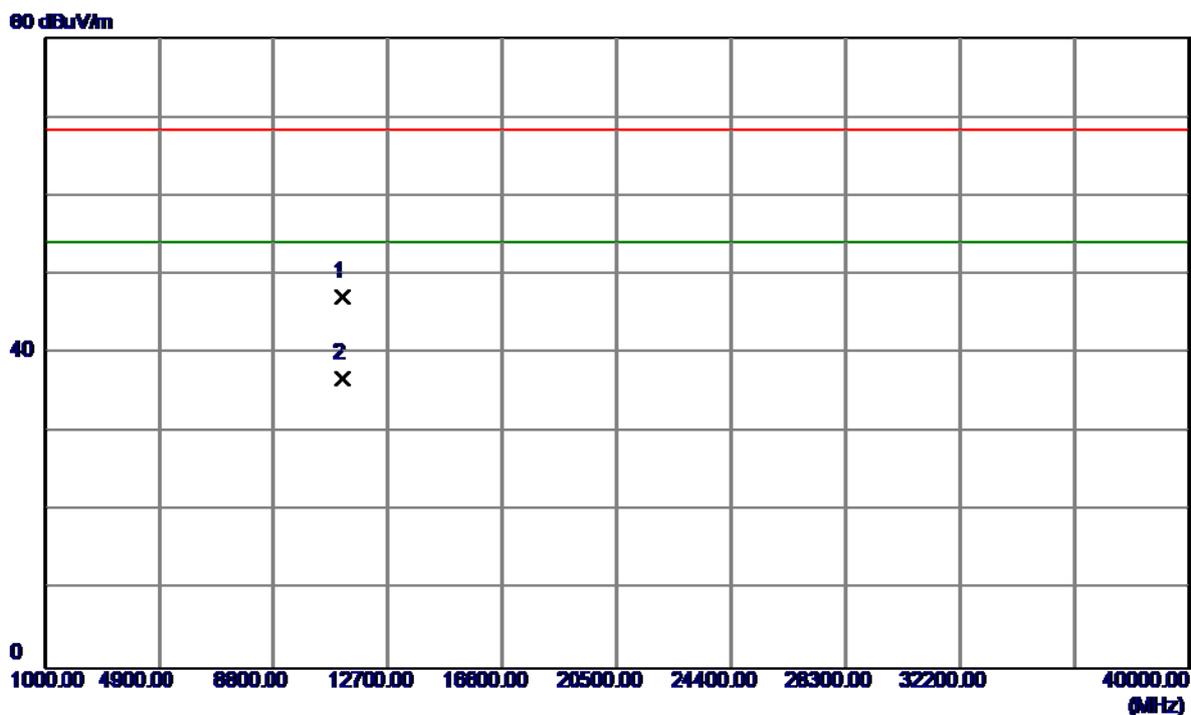
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.8000	55.95	41.06	97.01	54.00	43.01	AVG	No Limit
2	5573.4000	64.72	41.06	105.78	68.30	37.48	Peak	No Limit

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

### Horizontal

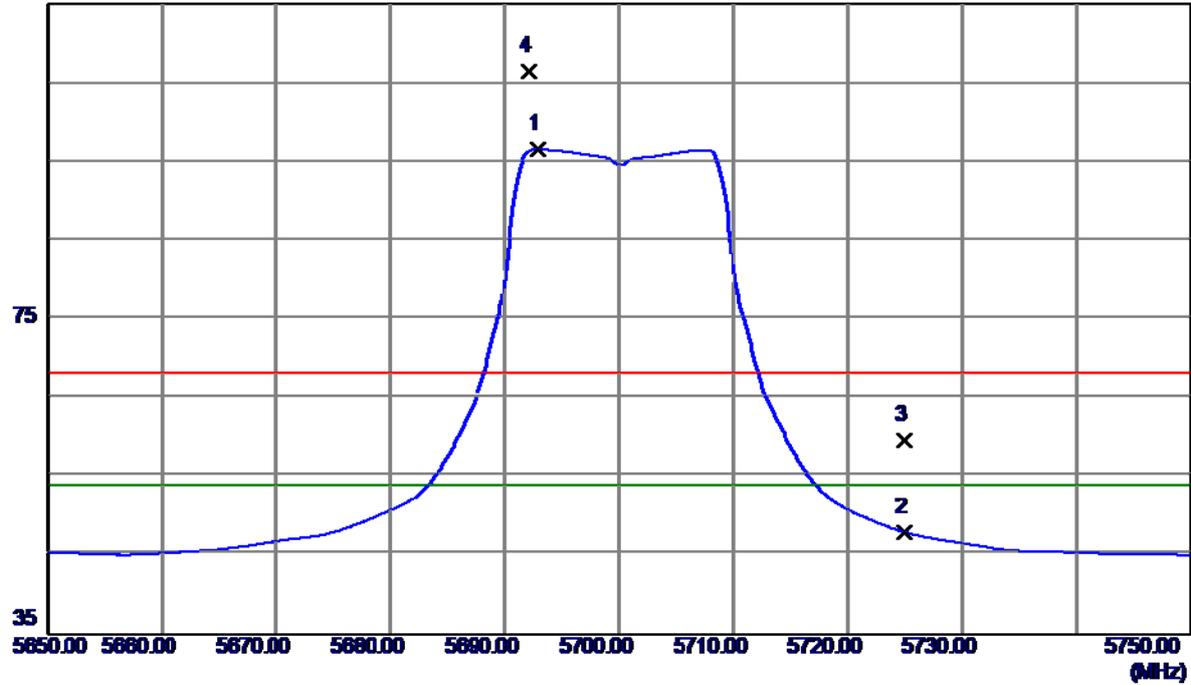


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.3770	31.06	16.13	47.19	68.30	-21.11	Peak	
2	11160.3840	20.67	16.13	36.80	54.00	-17.20	AVG	

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

**Vertical**

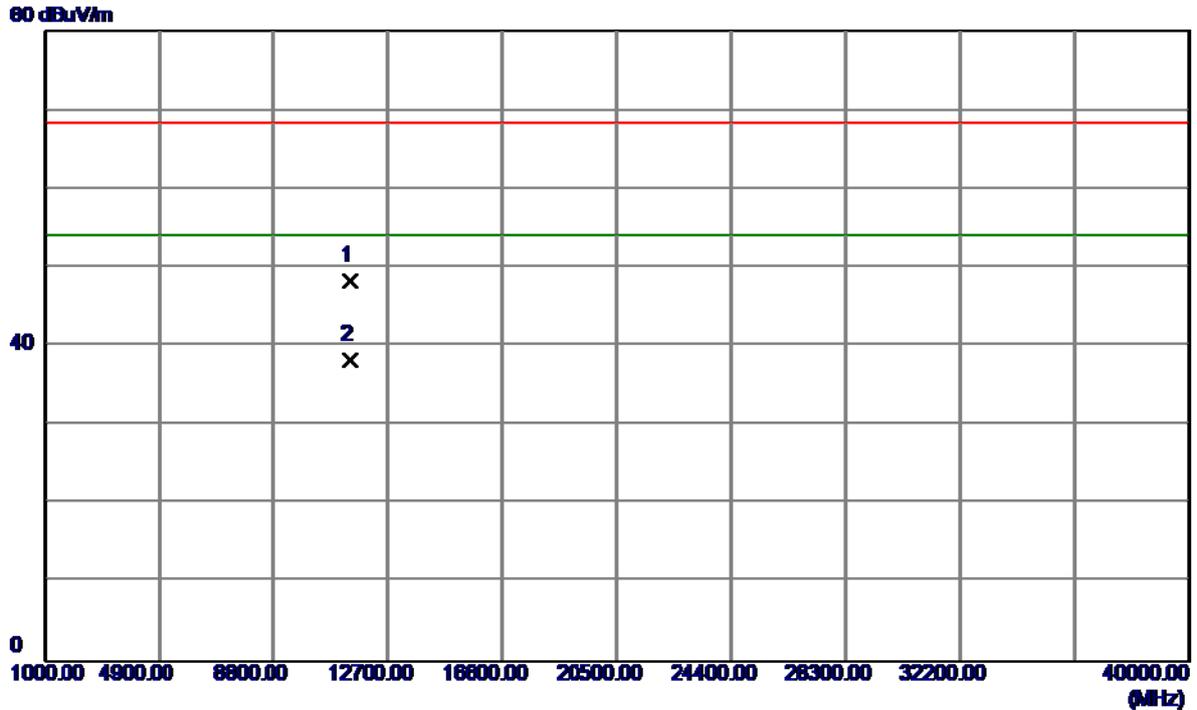
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5692.9000	55.36	41.22	96.58	54.00	42.58	AVG	No Limit
2	5725.0000	6.71	41.27	47.98	54.00	-6.02	AVG	
3	5725.0000	18.35	41.27	59.62	68.30	-8.68	Peak	
4	5692.1000	65.30	41.22	106.52	68.30	38.22	Peak	No Limit

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

**Vertical**

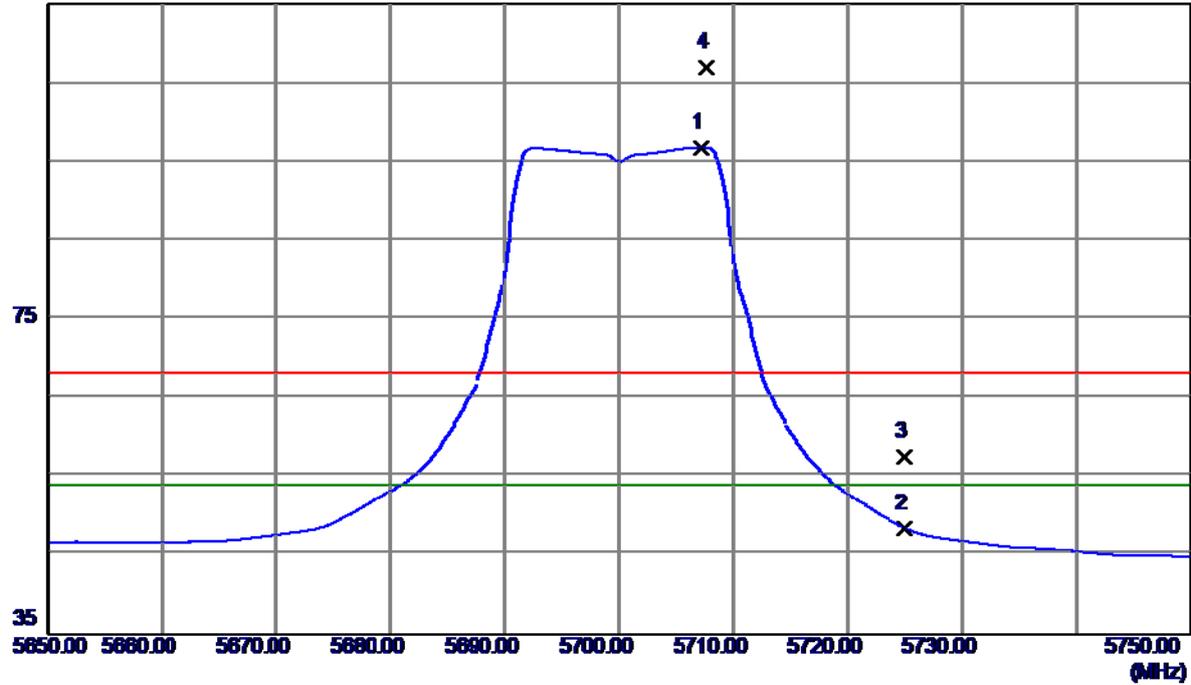


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.6330	31.67	16.70	48.37	68.30	-19.93	Peak	
2	11400.0050	21.50	16.70	38.20	54.00	-15.80	AVG	

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

### Horizontal

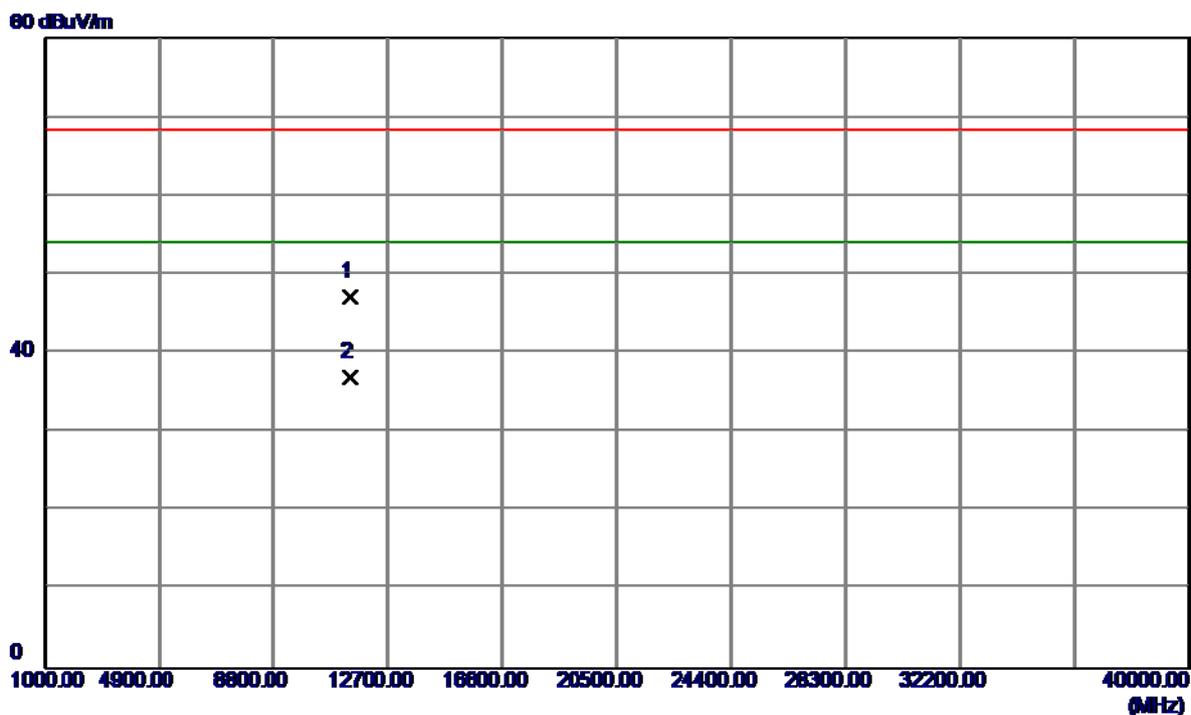
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5707.2000	55.57	41.24	96.81	54.00	42.81	AVG	No Limit
2	5725.0000	7.21	41.27	48.48	54.00	-5.52	AVG	
3	5725.0000	16.33	41.27	57.60	68.30	-10.70	Peak	
4	5707.7000	65.70	41.24	106.94	68.30	38.64	Peak	No Limit

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

### Horizontal

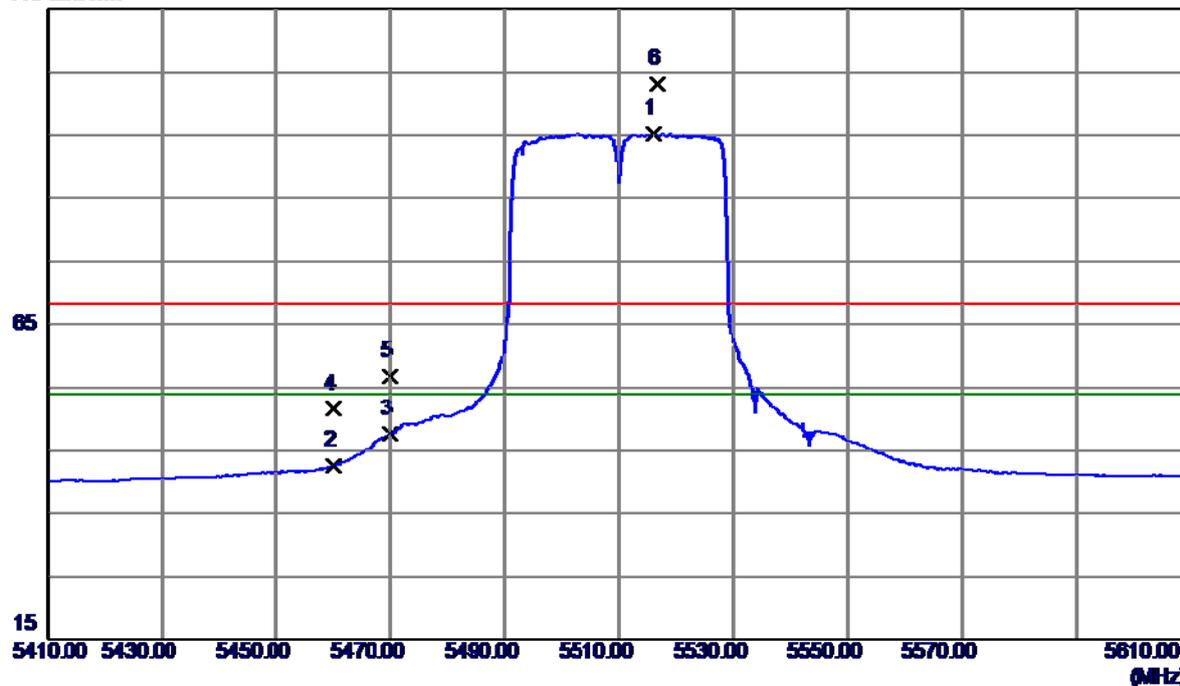


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.2800	30.43	16.70	47.13	68.30	-21.17	Peak	
2	11400.2800	20.21	16.70	36.91	54.00	-17.09	AVG	

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

### Vertical

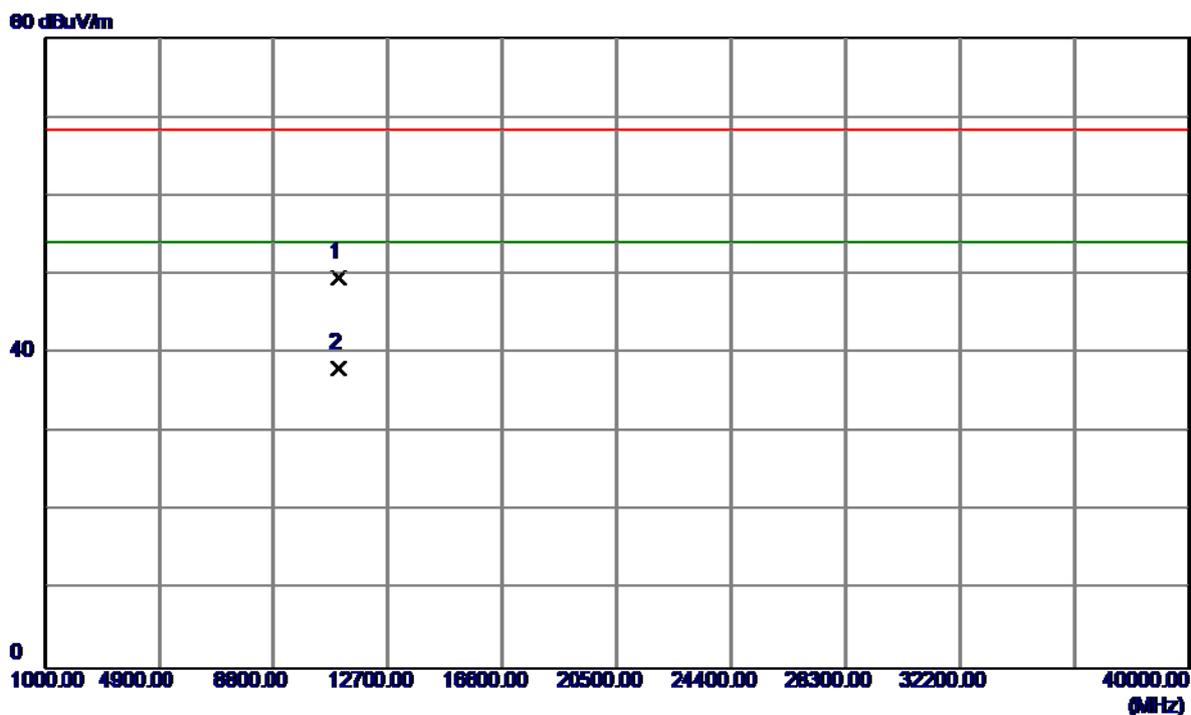
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5516.0000	60.77	34.37	95.14	54.00	41.14	AVG	No Limit
2	5460.0000	8.49	34.16	42.65	54.00	-11.35	AVG	
3	5470.0000	13.40	34.19	47.59	54.00	-6.41	AVG	
4	5460.0000	17.48	34.16	51.64	68.30	-16.66	Peak	
5	5470.0000	22.64	34.19	56.83	68.30	-11.47	Peak	
6	5516.6509	68.74	34.37	103.11	68.30	34.81	Peak	No Limit

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

### Vertical

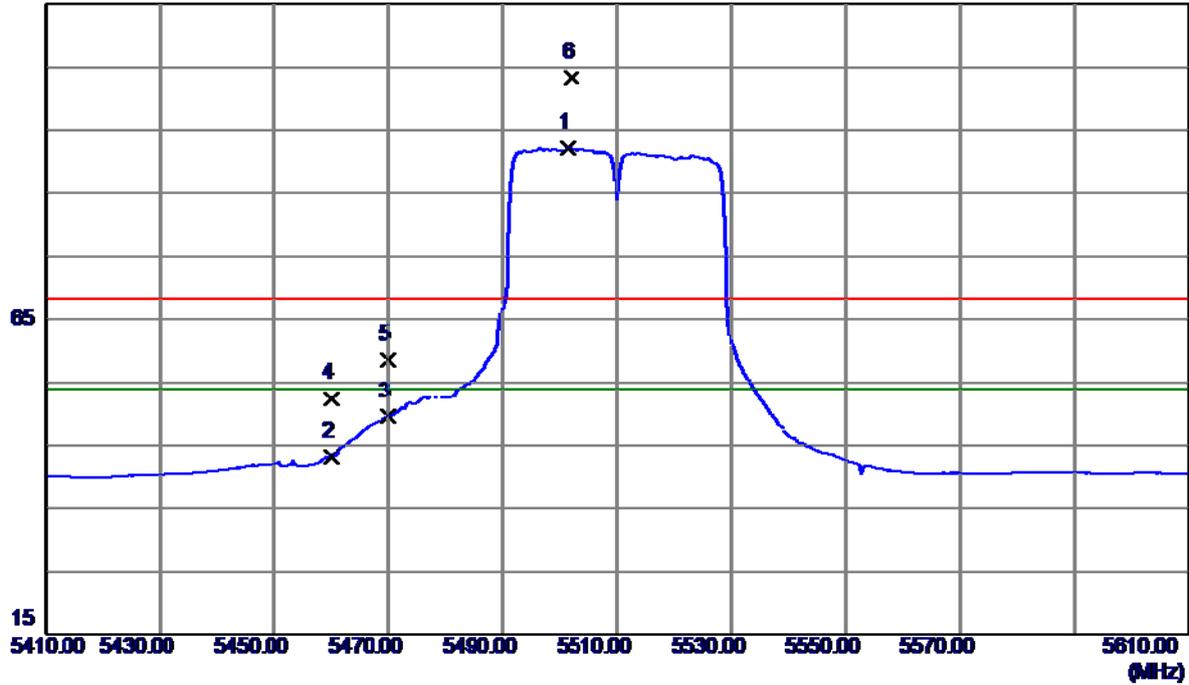


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.3099	33.74	15.80	49.54	68.30	-18.76	Peak	
2	11020.3099	22.23	15.80	38.03	54.00	-15.97	AVG	

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

### Horizontal

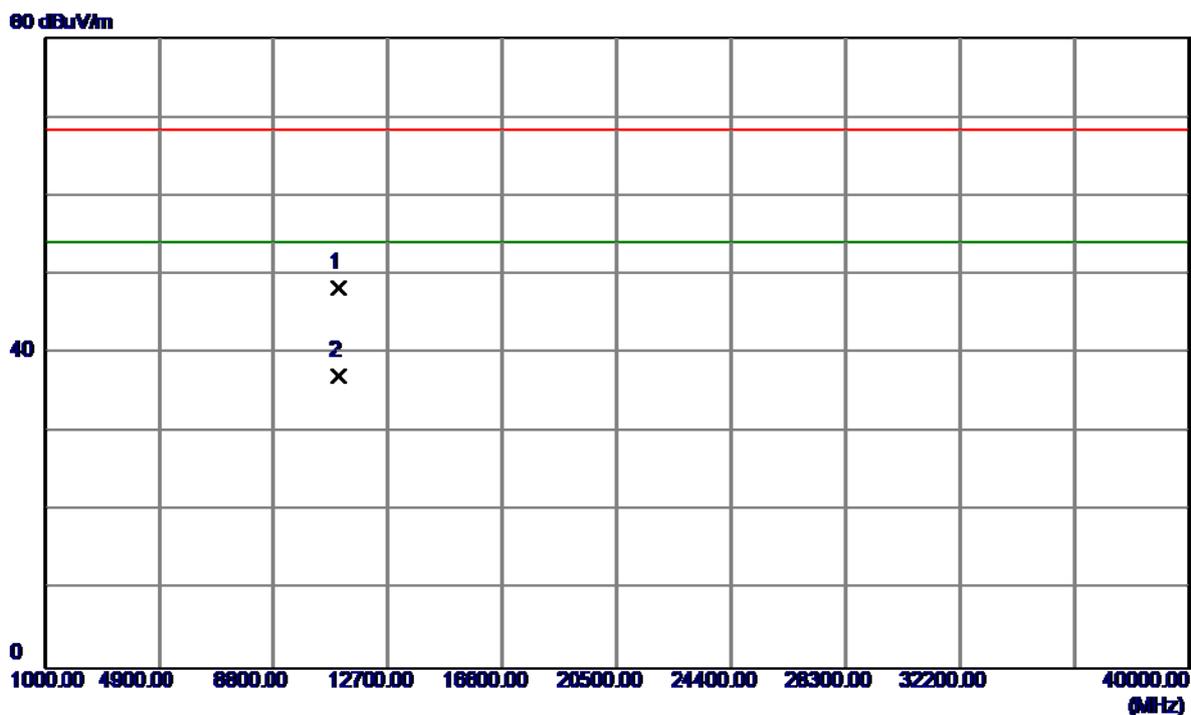
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5501.4000	57.89	34.31	92.20	54.00	38.20	AVG	No Limit
2	5460.0000	8.96	34.16	43.12	54.00	-10.88	AVG	
3	5470.0000	15.37	34.19	49.56	54.00	-4.44	AVG	
4	5460.0000	18.34	34.16	52.50	68.30	-15.80	Peak	
5	5470.0000	24.48	34.19	58.67	68.30	-9.63	Peak	
6	5501.9510	69.18	34.31	103.49	68.30	35.19	Peak	No Limit

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

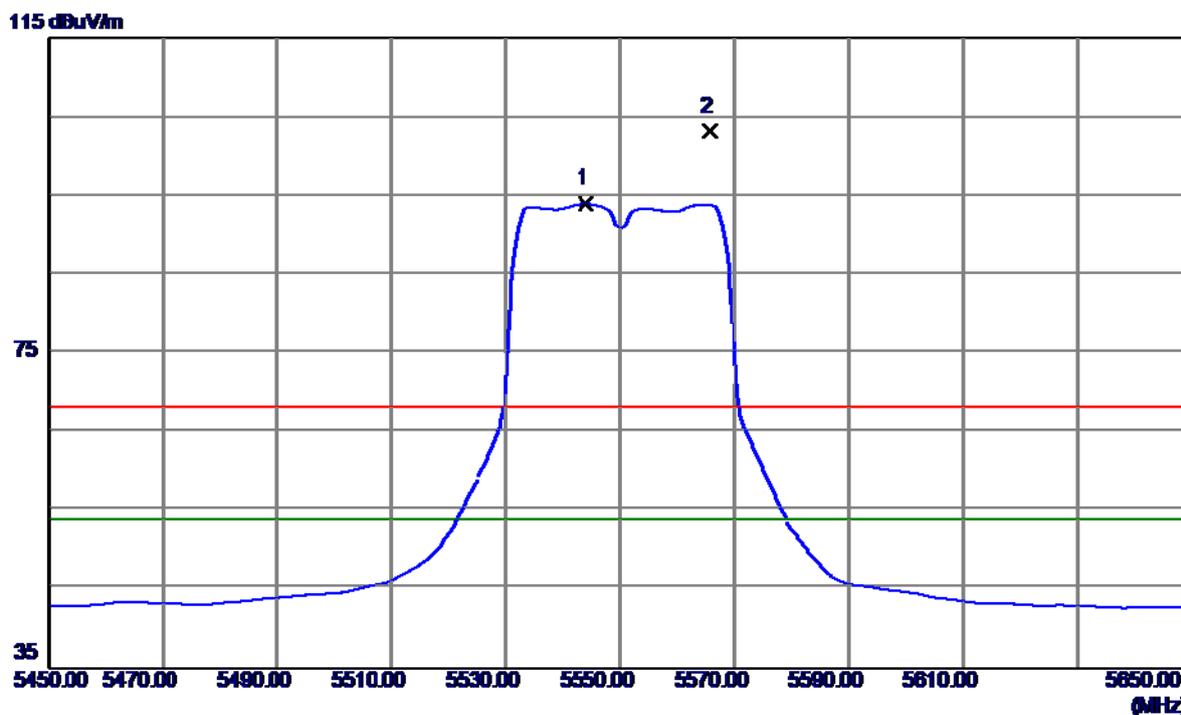
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.8700	32.51	15.80	48.31	68.30	-19.99	Peak	
2	11020.8700	21.34	15.80	37.14	54.00	-16.86	AVG	

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

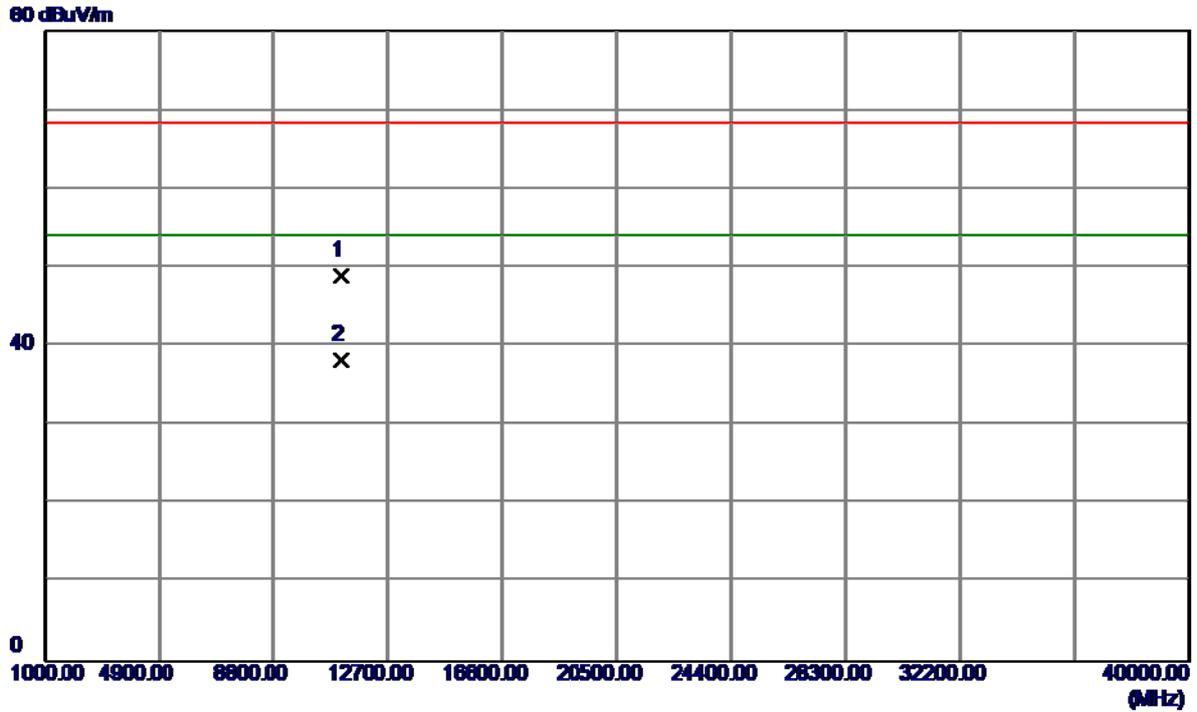
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5544.0000	52.98	41.02	94.00	54.00	40.00	AVG	No Limit
2	5565.8000	62.18	41.05	103.23	68.30	34.93	Peak	No Limit

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

**Vertical**

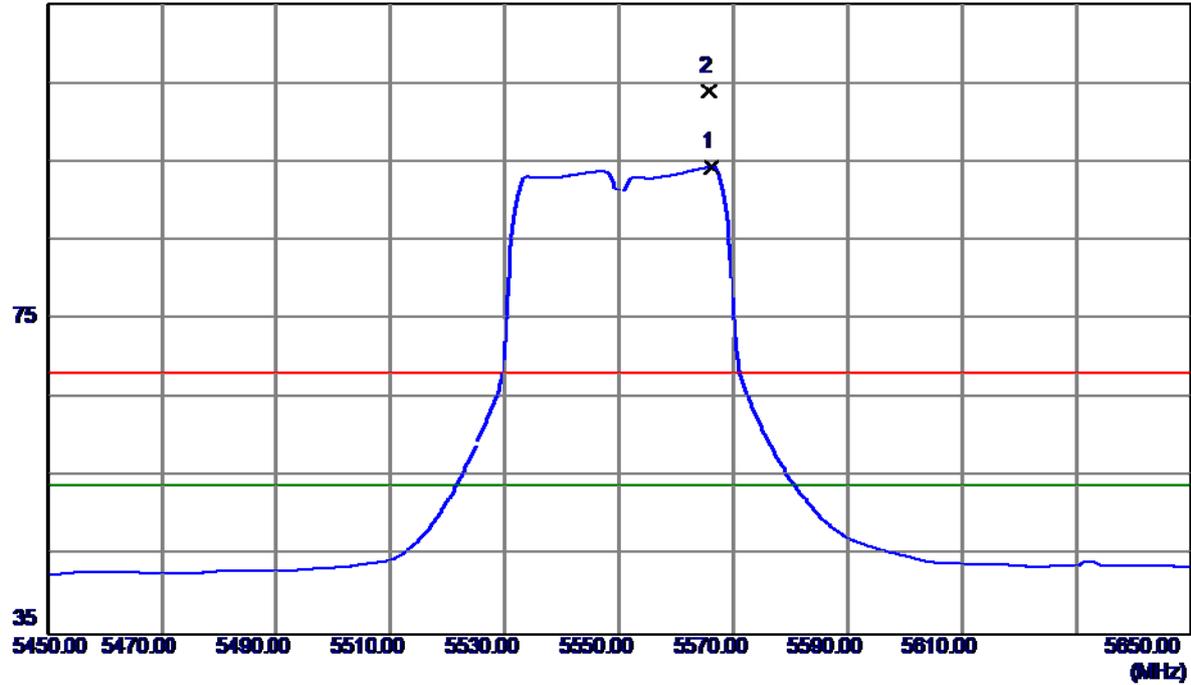


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11100.0000	33.04	15.99	49.03	68.30	-19.27	Peak	
2	11100.0000	22.18	15.99	38.17	54.00	-15.83	AVG	

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

### Horizontal

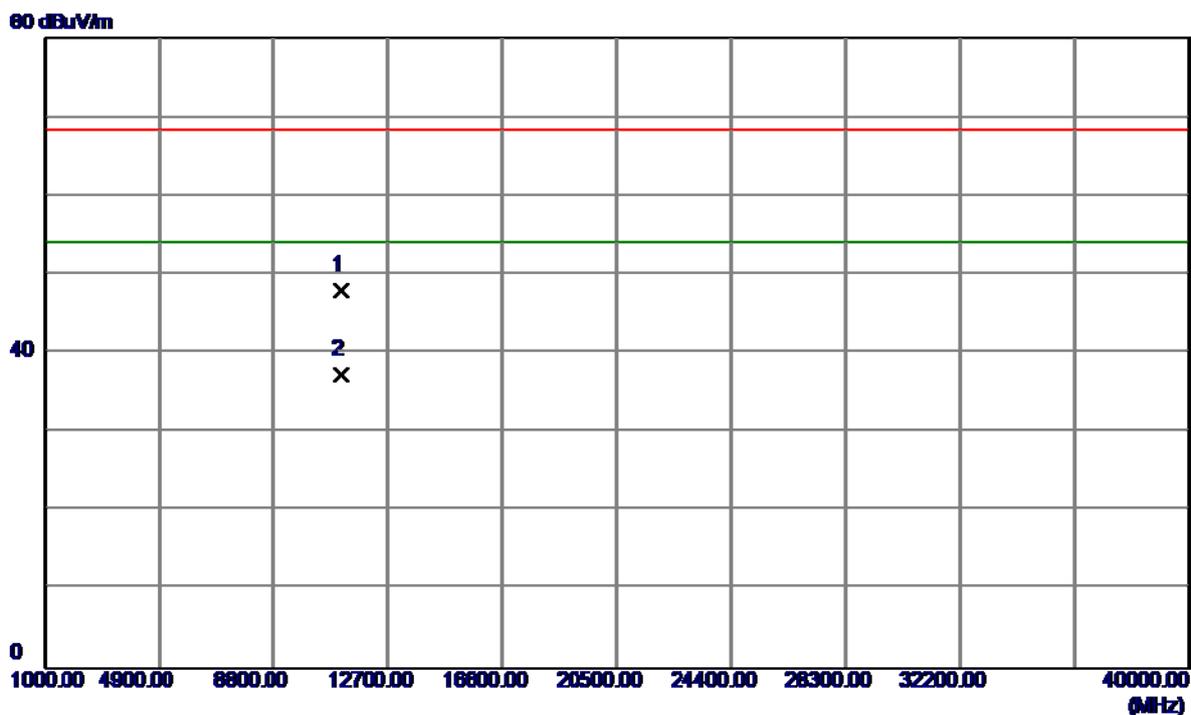
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5566.2000	53.32	41.05	94.37	54.00	40.37	AVG	No Limit
2	5565.8000	62.90	41.05	103.95	68.30	35.65	Peak	No Limit

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

### Horizontal

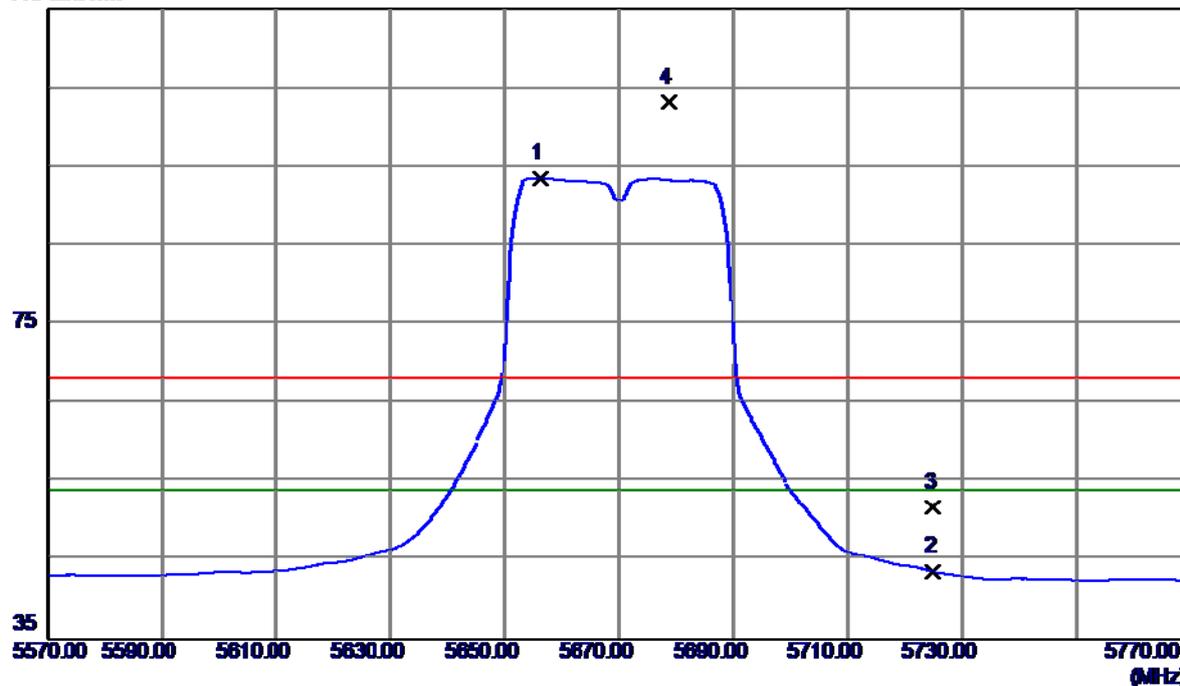


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11100.6849	32.06	15.99	48.05	68.30	-20.25	Peak	
2	11100.1350	21.26	15.99	37.25	54.00	-16.75	AVG	

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

### Vertical

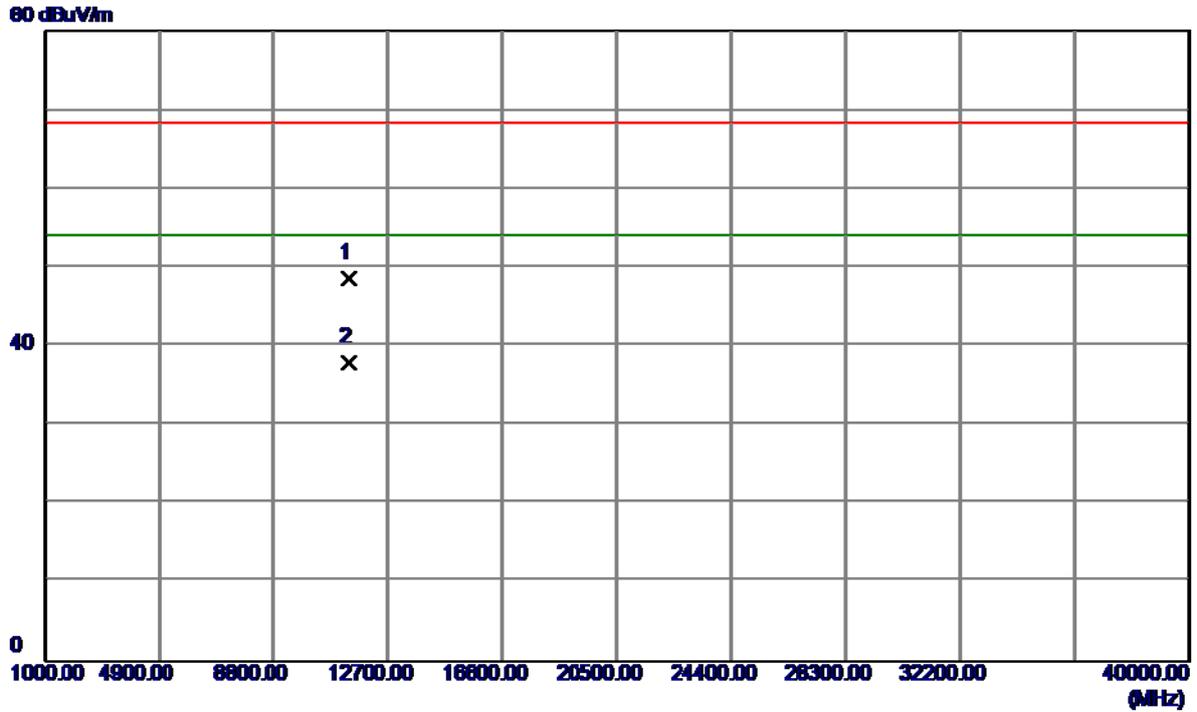
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5656.2000	52.40	41.17	93.57	54.00	39.57	AVG	No Limit
2	5725.0000	2.36	41.27	43.63	54.00	-10.37	AVG	
3	5725.0000	10.56	41.27	51.83	68.30	-16.47	Peak	
4	5678.6000	61.89	41.20	103.09	68.30	34.79	Peak	No Limit

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

**Vertical**

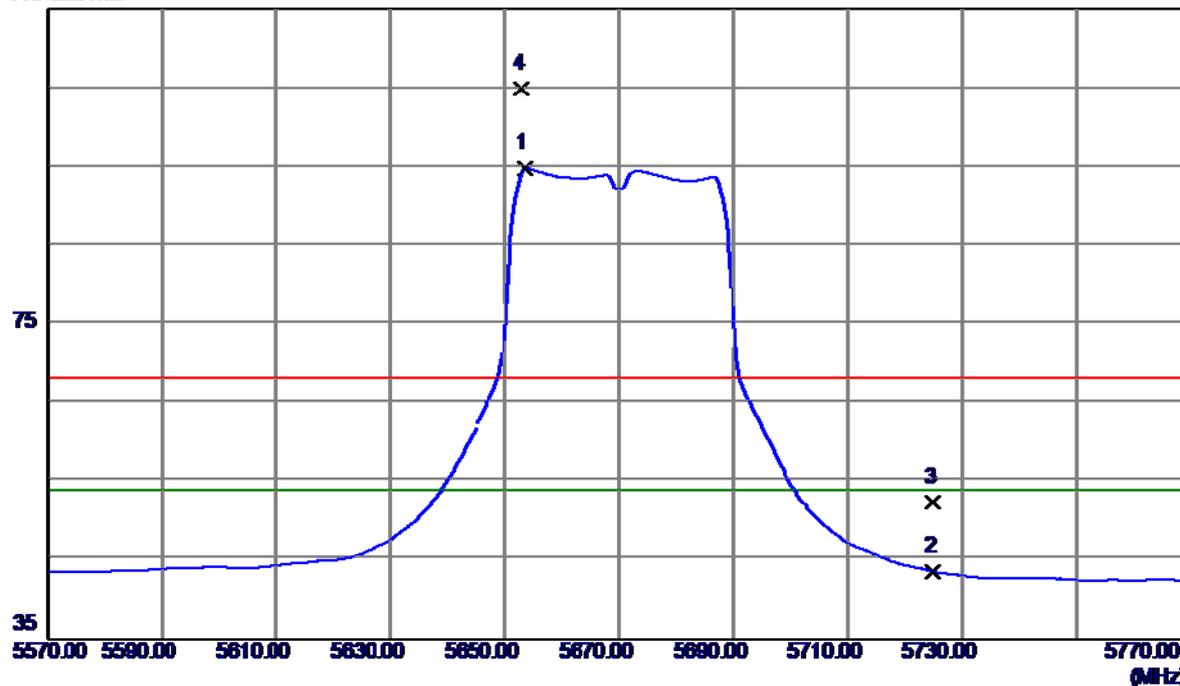


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11341.4890	32.15	16.56	48.71	68.30	-19.59	Peak	
2	11341.2200	21.37	16.56	37.93	54.00	-16.07	AVG	

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

### Horizontal

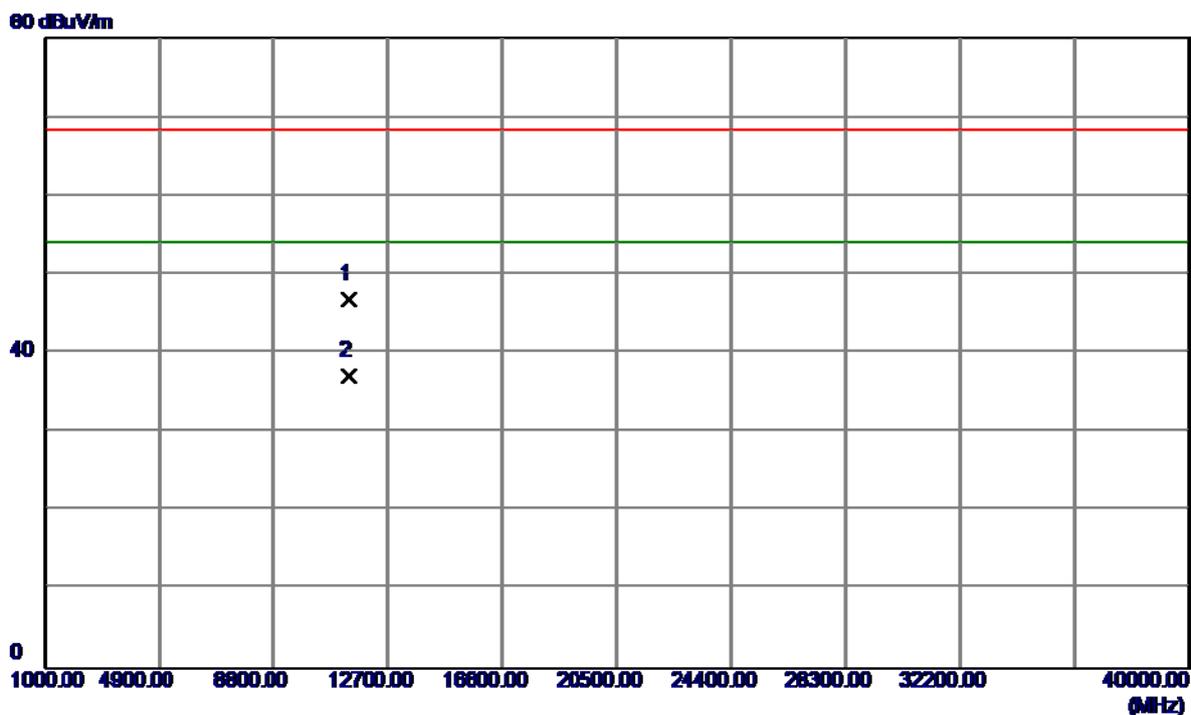
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5653.6000	53.68	41.17	94.85	54.00	40.85	AVG	No Limit
2	5725.0000	2.37	41.27	43.64	54.00	-10.36	AVG	
3	5725.0000	11.12	41.27	52.39	68.30	-15.91	Peak	
4	5653.0000	63.76	41.17	104.93	68.30	36.63	Peak	No Limit

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

### Horizontal

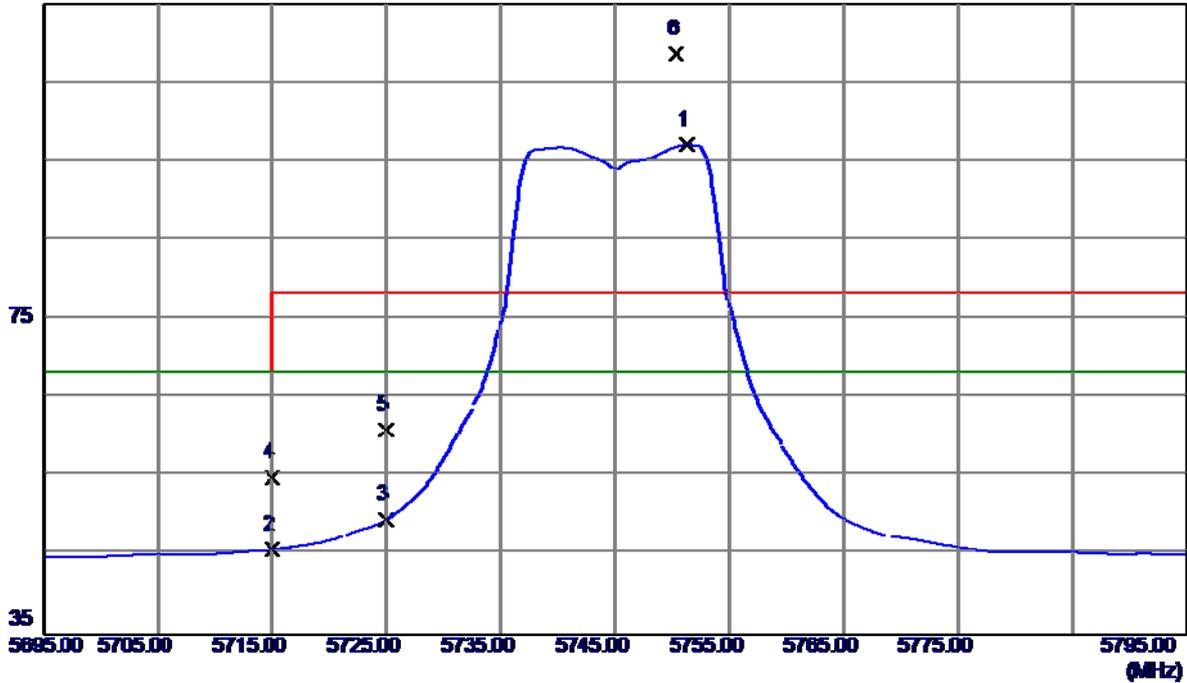


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11340.6700	30.36	16.56	46.92	68.30	-21.38	Peak	
2	11340.0270	20.54	16.56	37.10	54.00	-16.90	AVG	

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

Vertical

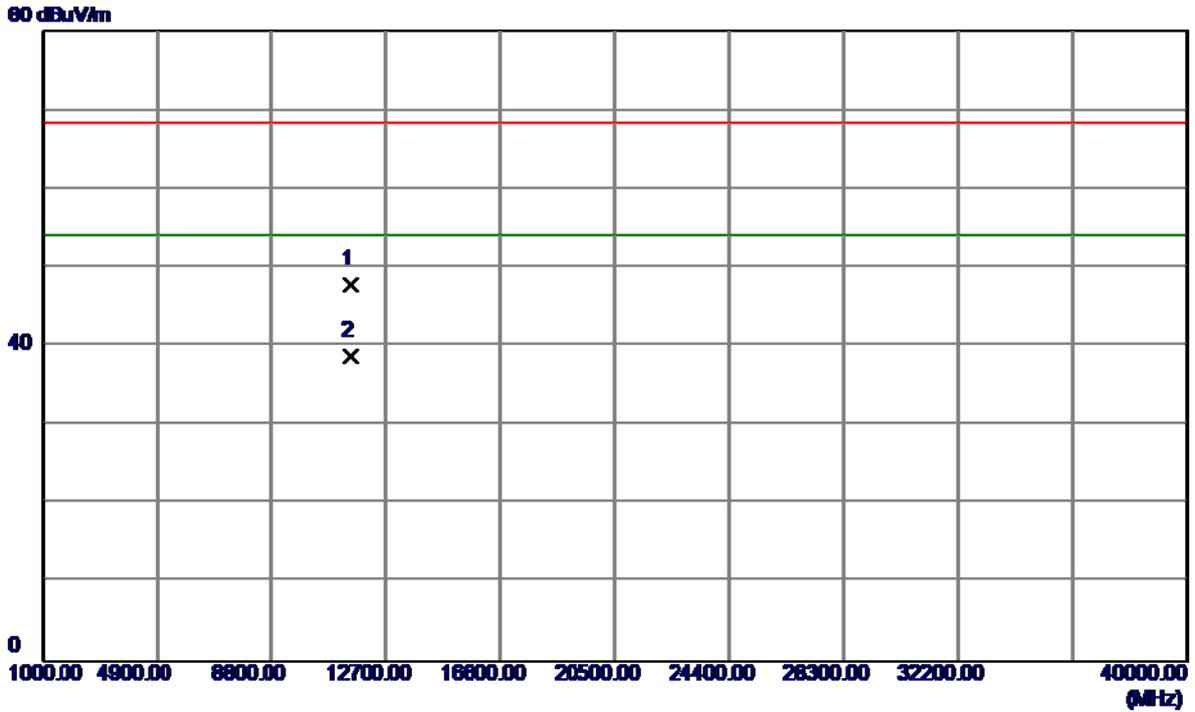
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5751.3000	55.73	41.30	97.03	68.30	28.73	AVG	No Limit
2	5715.0000	4.43	41.25	45.68	68.30	-22.62	AVG	
3	5725.0000	8.28	41.27	49.55	68.30	-18.75	AVG	
4	5715.0000	13.60	41.25	54.85	68.30	-13.45	Peak	
5	5725.0000	19.70	41.27	60.97	78.30	-17.33	Peak	
6	5750.3000	67.28	41.30	108.58	78.30	30.28	Peak	No Limit

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

**Vertical**

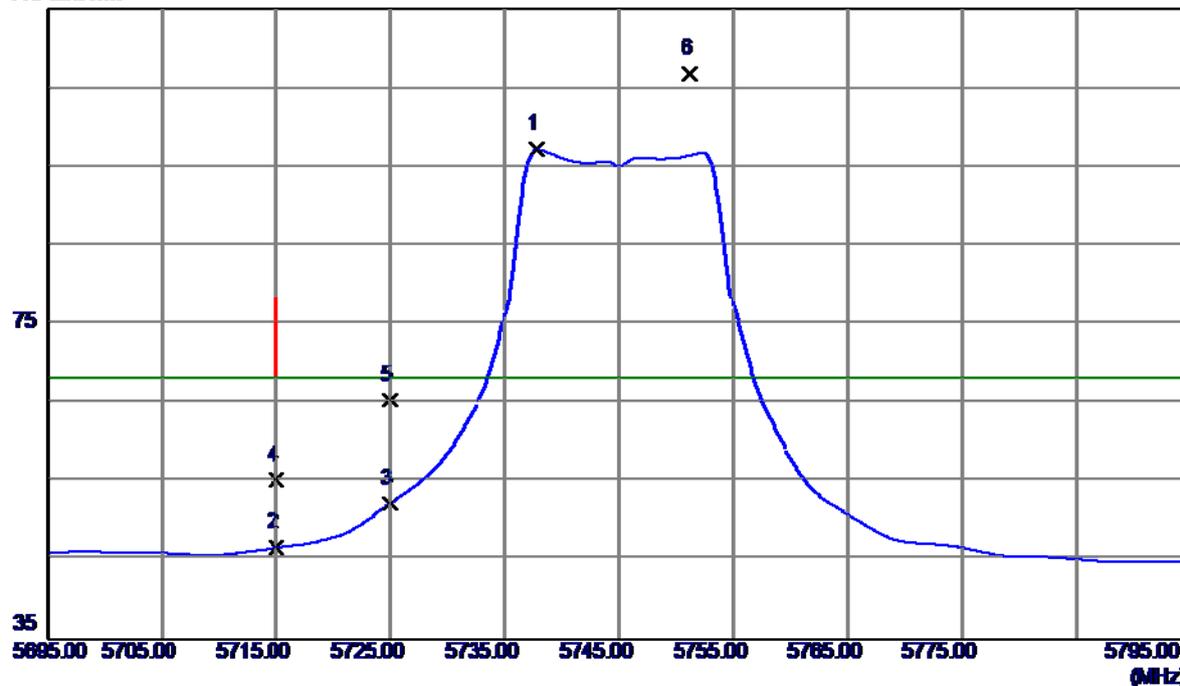


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.1100	30.91	16.91	47.82	68.30	-20.48	Peak	
2	11490.1100	21.76	16.91	38.67	54.00	-15.33	AVG	

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

### Horizontal

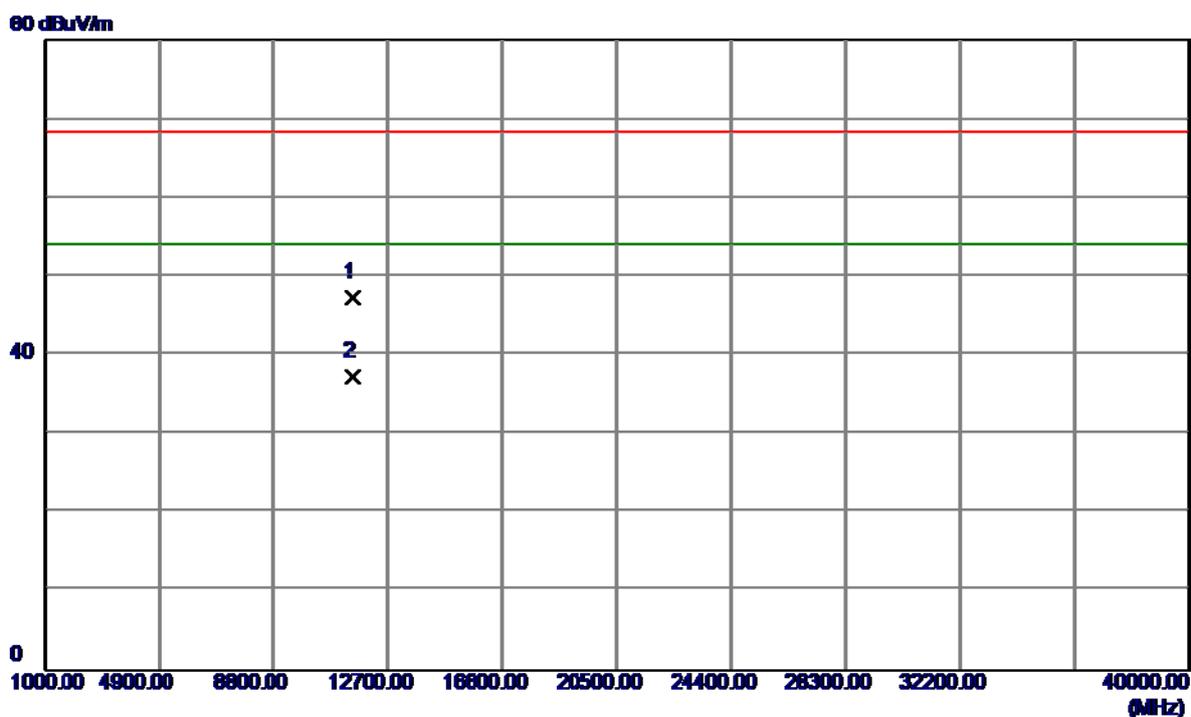
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5737.8000	55.89	41.28	97.17	68.30	28.87	AVG	No Limit
2	5715.0000	5.39	41.25	46.64	68.30	-21.66	AVG	
3	5725.0000	11.07	41.27	52.34	68.30	-15.96	AVG	
4	5715.0000	13.99	41.25	55.24	68.30	-13.06	Peak	
5	5725.0000	24.19	41.27	65.46	78.30	-12.84	Peak	
6	5751.2000	65.51	41.30	106.81	78.30	28.51	Peak	No Limit

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

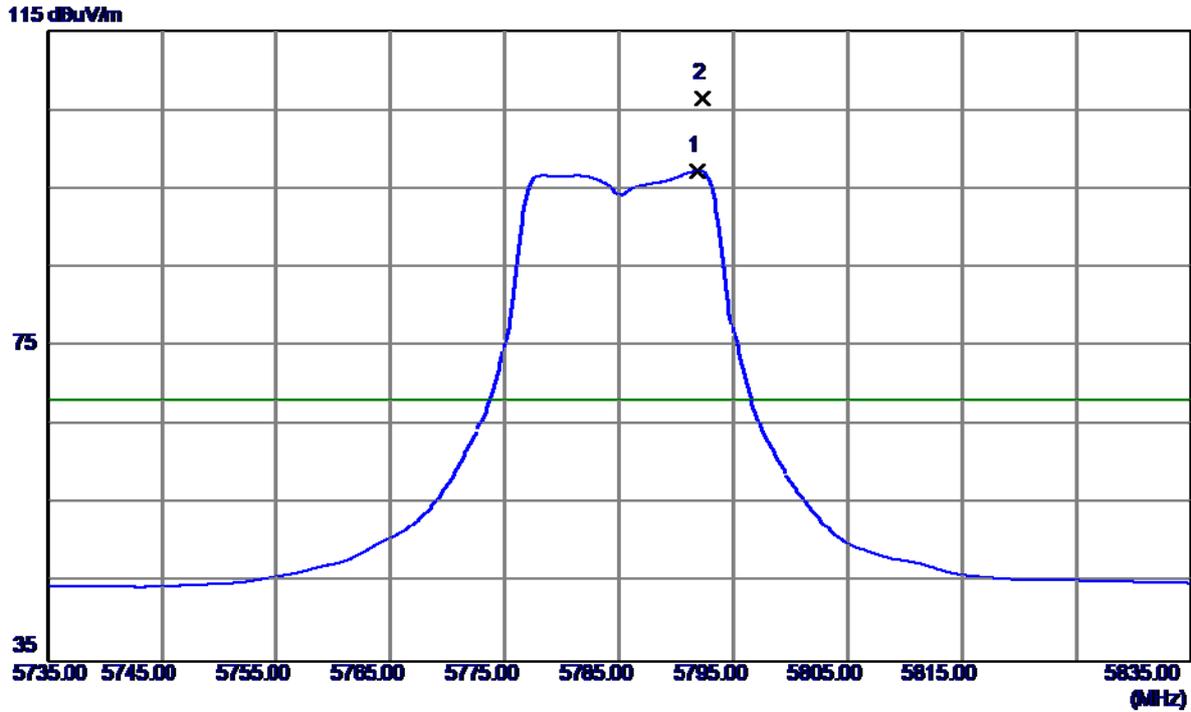
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.2390	30.48	16.91	47.39	68.30	-20.91	Peak	
2	11490.1340	20.35	16.91	37.26	54.00	-16.74	AVG	

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

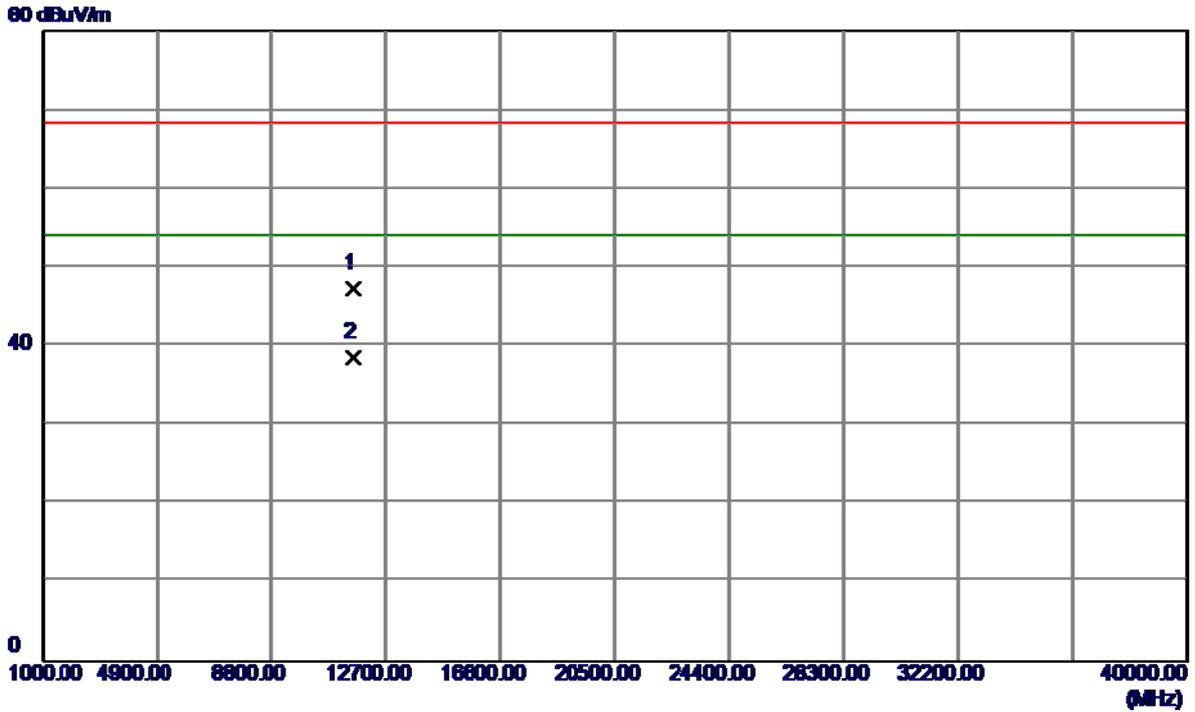
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5791.9000	55.89	41.36	97.25	68.30	28.95	AVG	No Limit
2	5792.3000	65.09	41.36	106.45	78.30	28.15	Peak	No Limit

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

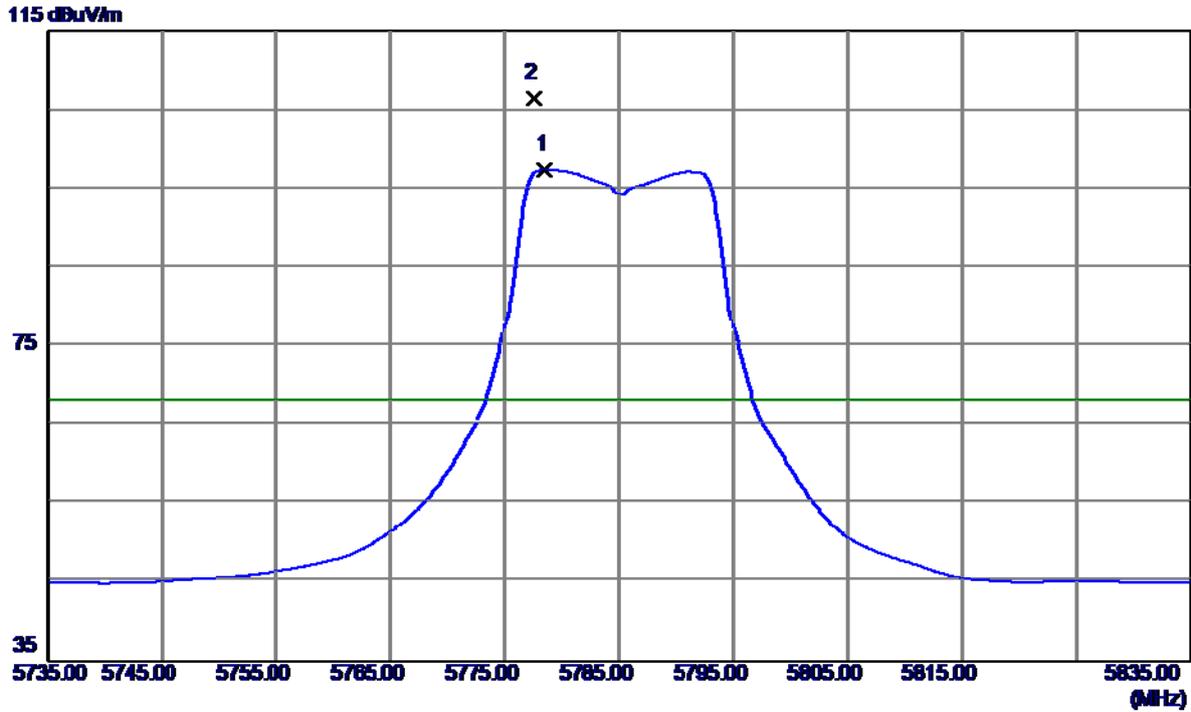
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.2560	30.32	17.05	47.37	68.30	-20.93	Peak	
2	11570.4360	21.48	17.05	38.53	54.00	-15.47	AVG	

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

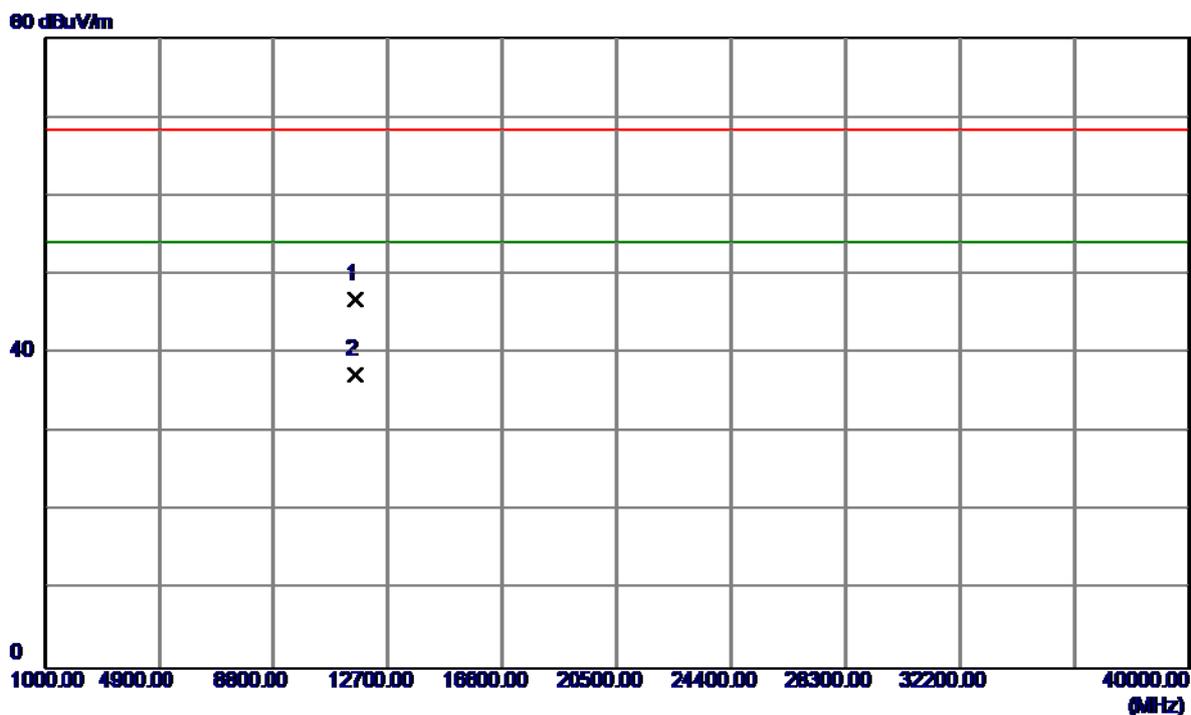
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5778.5000	56.05	41.34	97.39	68.30	29.09	AVG	No Limit
2	5777.6000	65.24	41.34	106.58	78.30	28.28	Peak	No Limit

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

### Horizontal

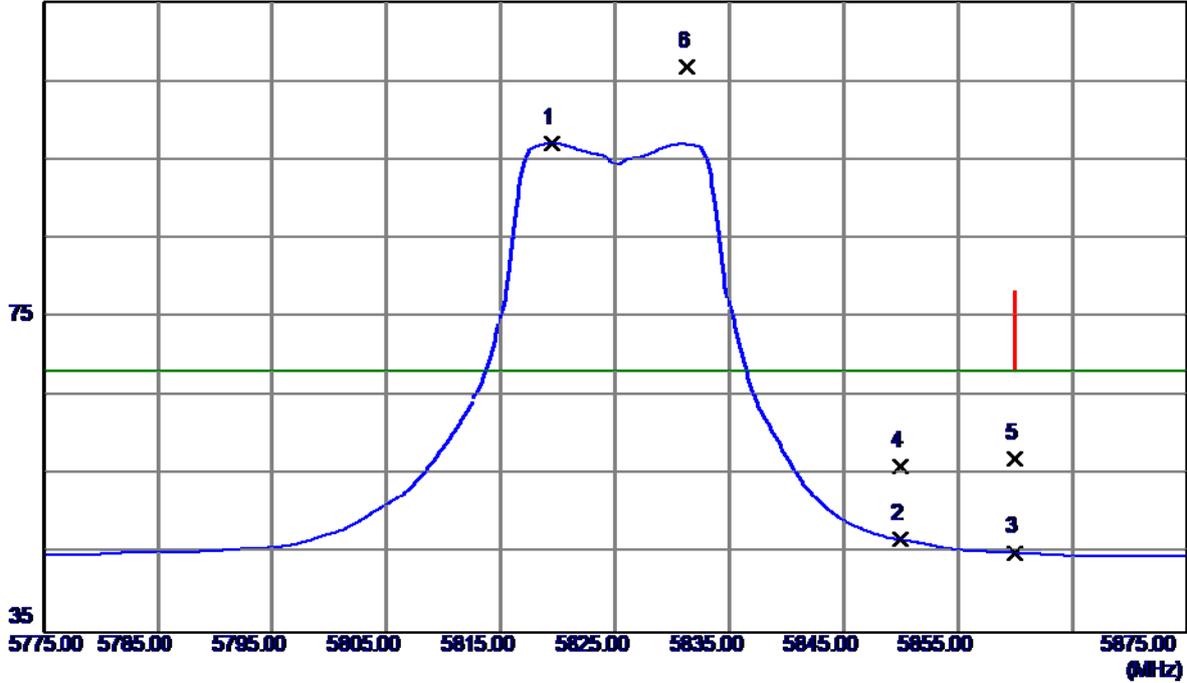


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.3789	29.80	17.05	46.85	68.30	-21.45	Peak	
2	11570.8570	20.22	17.05	37.27	54.00	-16.73	AVG	

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

**Vertical**

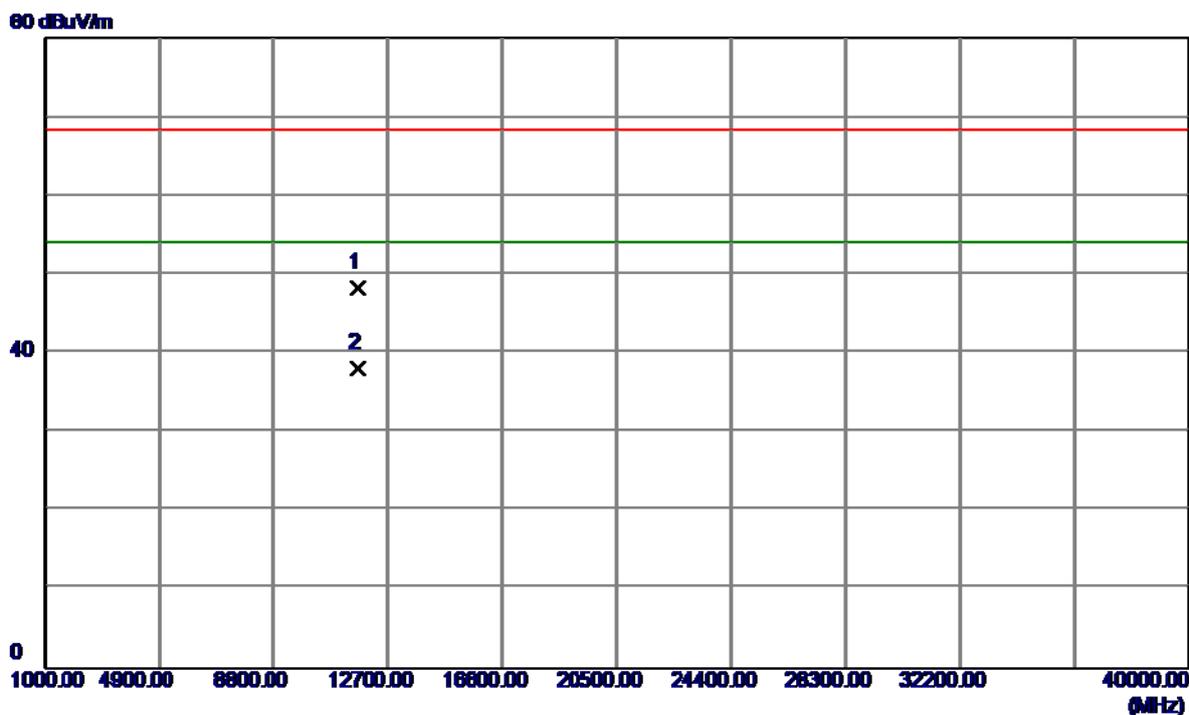
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5819.4000	55.72	41.39	97.11	68.30	28.81	AVG	No Limit
2	5850.0000	5.36	41.44	46.80	68.30	-21.50	AVG	
3	5860.0000	3.71	41.45	45.16	68.30	-23.14	AVG	
4	5850.0000	14.61	41.44	56.05	78.30	-22.25	Peak	
5	5860.0000	15.57	41.45	57.02	78.30	-21.28	Peak	
6	5831.3000	65.49	41.41	106.90	78.30	28.60	Peak	No Limit

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

### Vertical

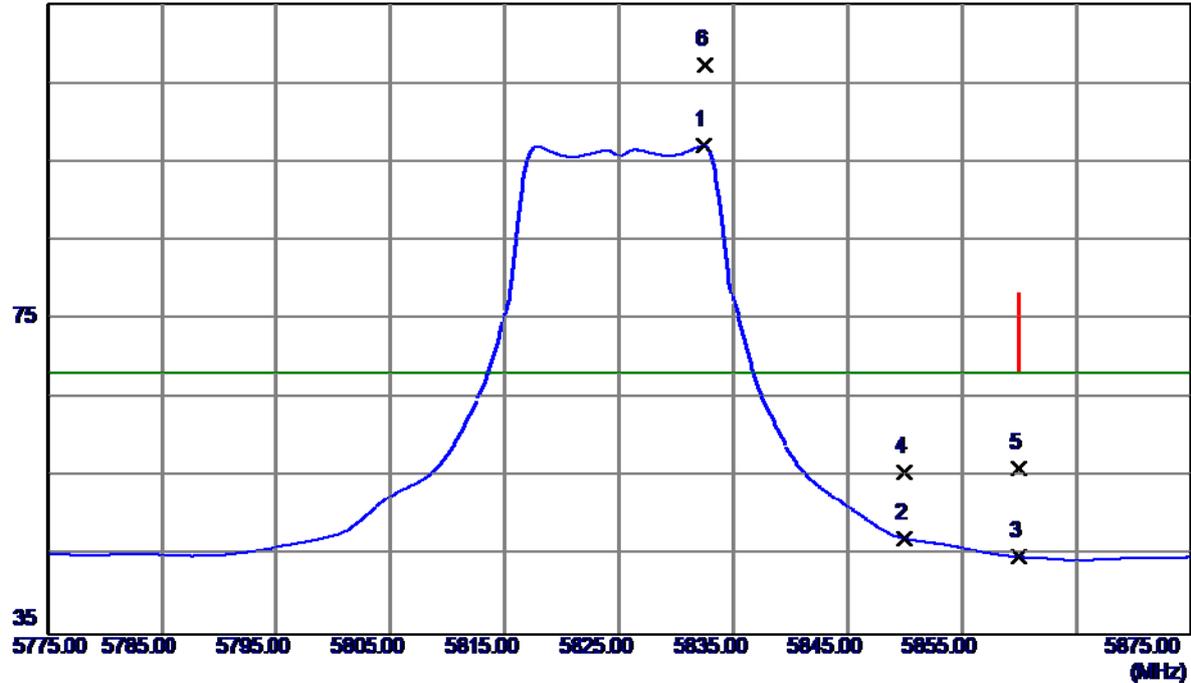


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.1300	31.08	17.17	48.25	68.30	-20.05	Peak	
2	11650.1300	20.89	17.17	38.06	54.00	-15.94	AVG	

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

### Horizontal

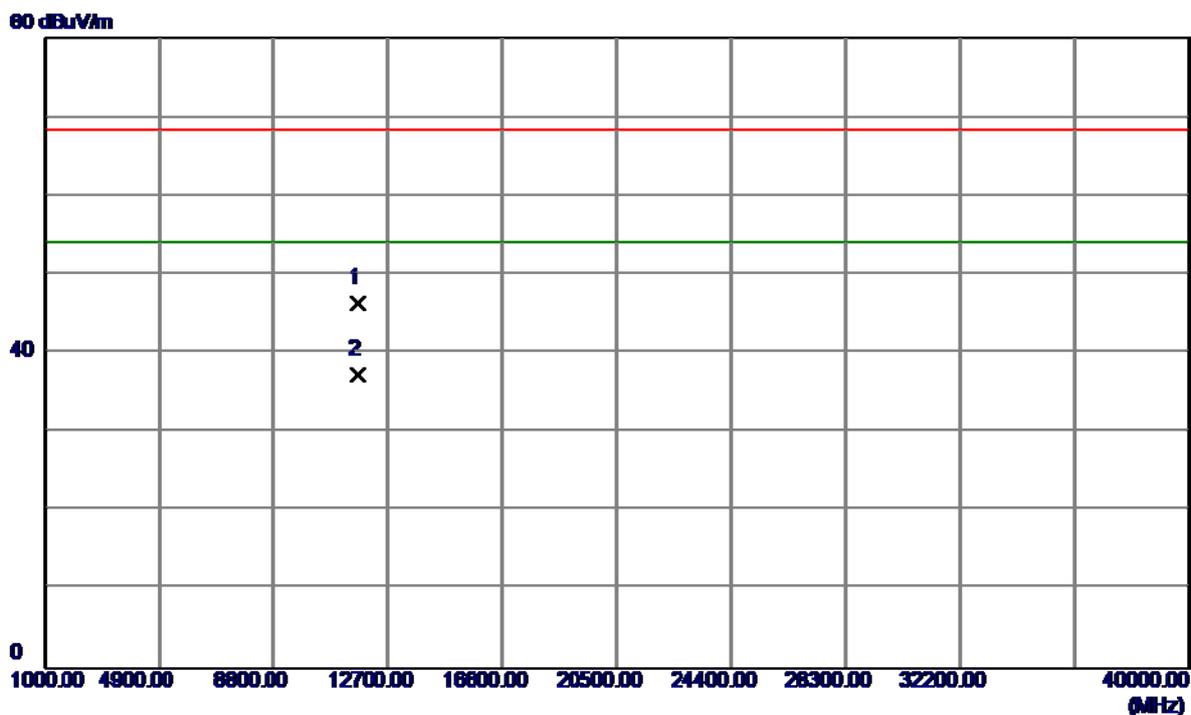
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5832.4000	55.65	41.41	97.06	68.30	28.76	AVG	No Limit
2	5850.0000	5.70	41.44	47.14	68.30	-21.16	AVG	
3	5860.0000	3.41	41.45	44.86	68.30	-23.44	AVG	
4	5850.0000	14.27	41.44	55.71	78.30	-22.59	Peak	
5	5860.0000	14.73	41.45	56.18	78.30	-22.12	Peak	
6	5832.6000	65.94	41.41	107.35	78.30	29.05	Peak	No Limit

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

### Horizontal

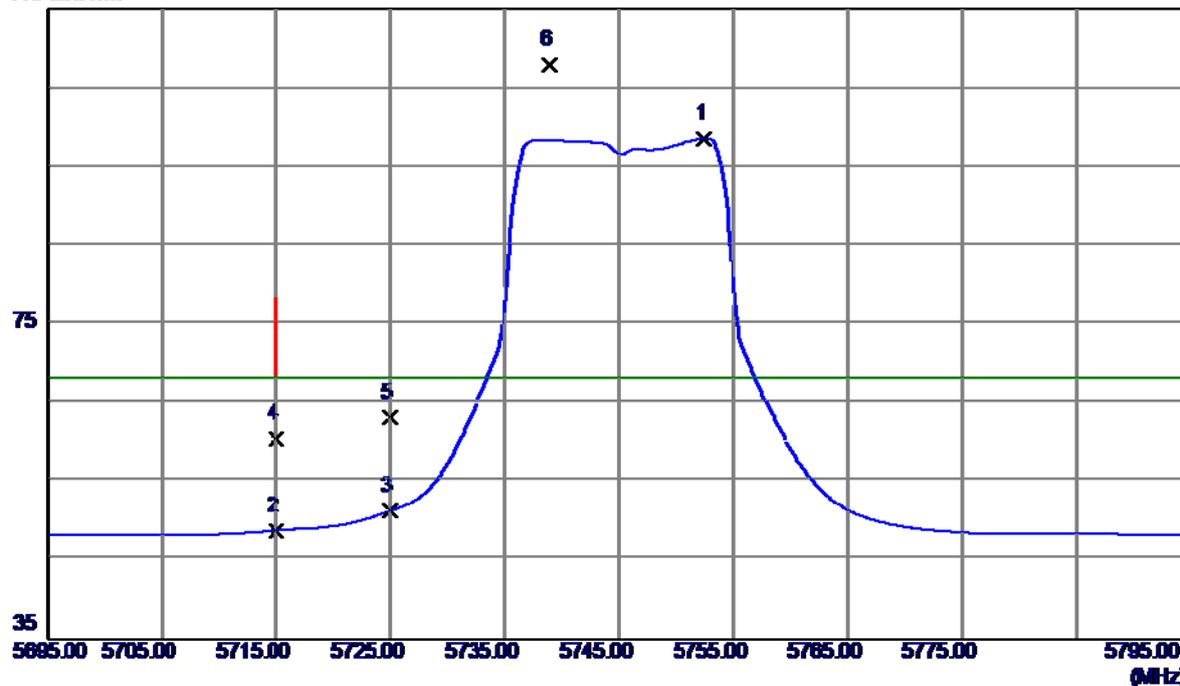


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.3660	29.17	17.17	46.34	68.30	-21.96	Peak	
2	11650.6000	20.07	17.17	37.24	54.00	-16.76	AVG	

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

### Vertical

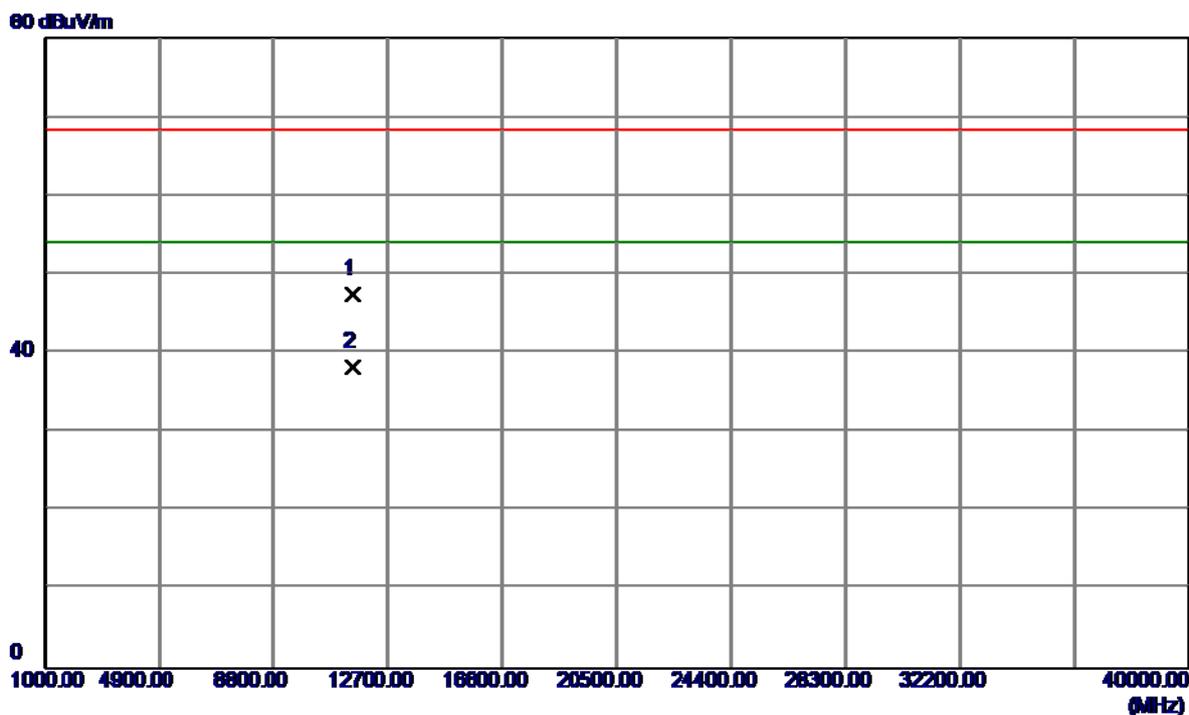
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5752.5000	57.27	41.30	98.57	68.30	30.27	AVG	No Limit
2	5715.0000	7.58	41.25	48.83	68.30	-19.47	AVG	
3	5725.0000	10.04	41.27	51.31	68.30	-16.99	AVG	
4	5715.0000	19.21	41.25	60.46	68.30	-7.84	Peak	
5	5725.0000	21.94	41.27	63.21	78.30	-15.09	Peak	
6	5738.9000	66.65	41.28	107.93	78.30	29.63	Peak	No Limit

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

### Vertical

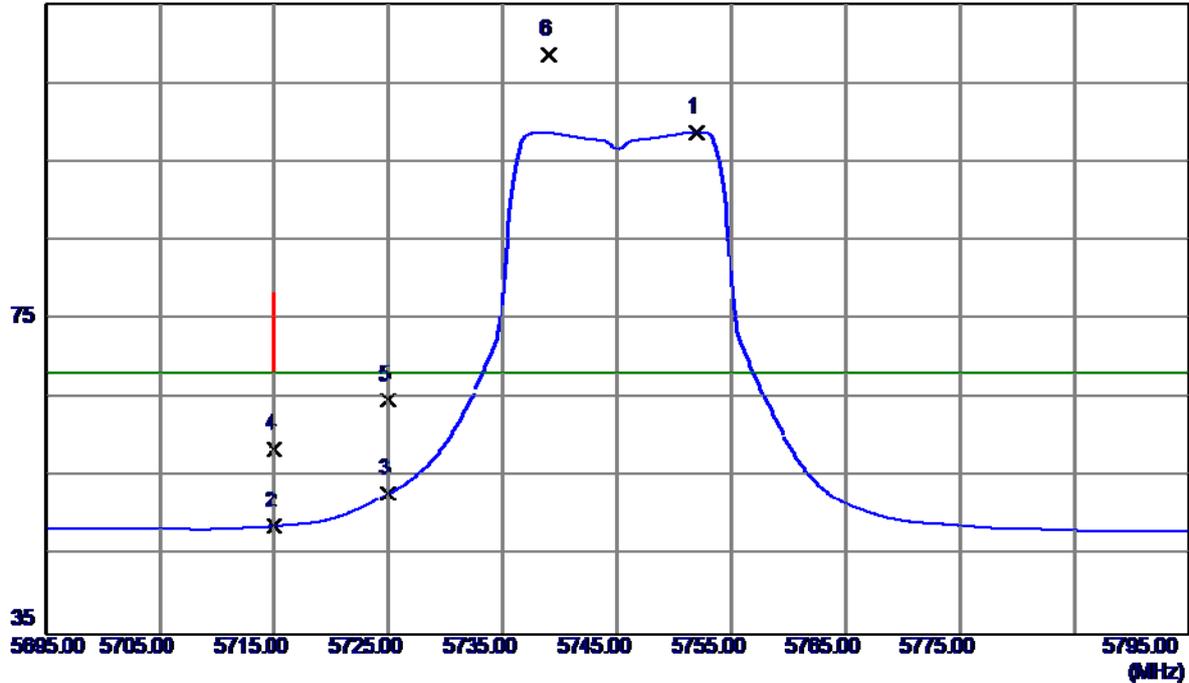


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.1300	30.65	16.91	47.56	68.30	-20.74	Peak	
2	11490.1300	21.26	16.91	38.17	54.00	-15.83	AVG	

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

### Horizontal

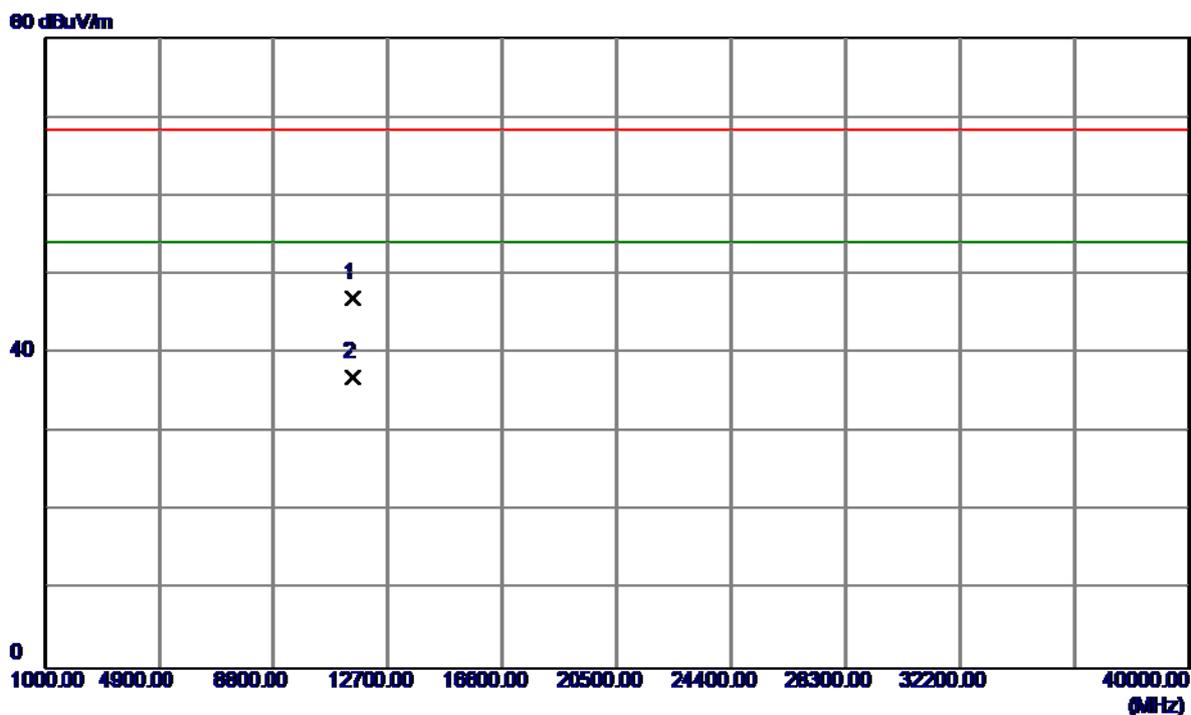
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5752.0000	57.44	41.30	98.74	68.30	30.44	AVG	No Limit
2	5715.0000	7.51	41.25	48.76	68.30	-19.54	AVG	
3	5725.0000	11.62	41.27	52.89	68.30	-15.41	AVG	
4	5715.0000	17.22	41.25	58.47	68.30	-9.83	Peak	
5	5725.0000	23.50	41.27	64.77	78.30	-13.53	Peak	
6	5739.0000	67.30	41.28	108.58	78.30	30.28	Peak	No Limit

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

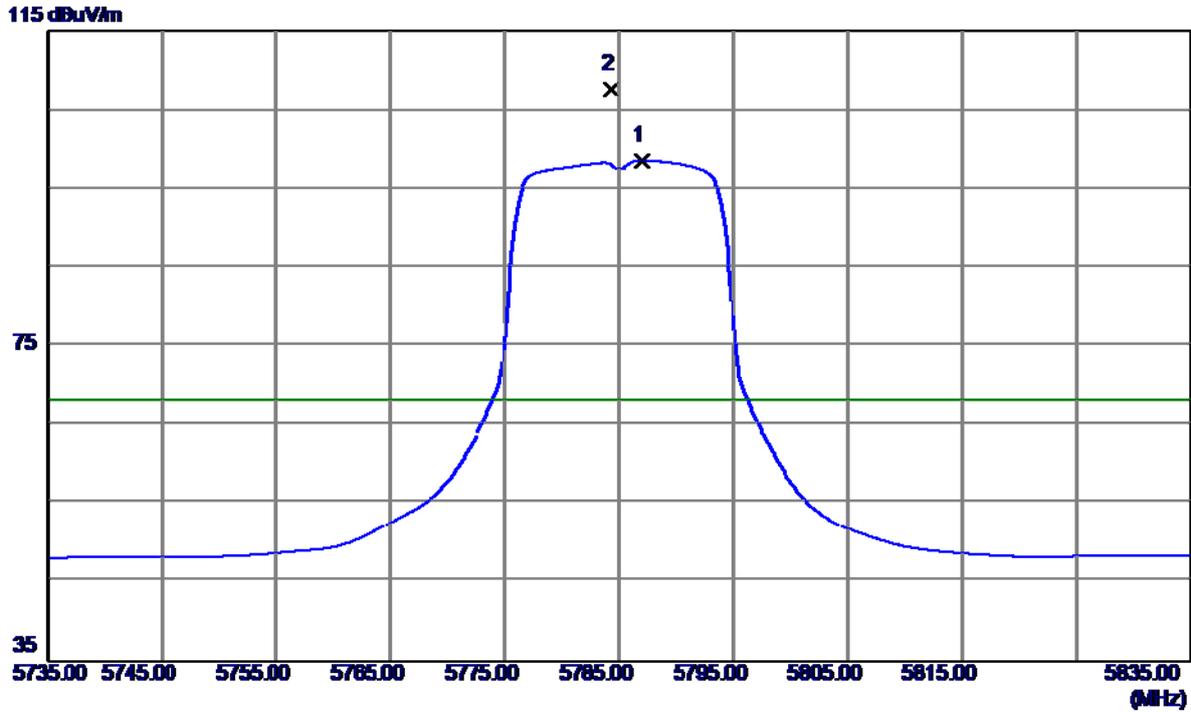
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.3680	30.14	16.91	47.05	68.30	-21.25	Peak	
2	11490.4800	20.03	16.91	36.94	54.00	-17.06	AVG	

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

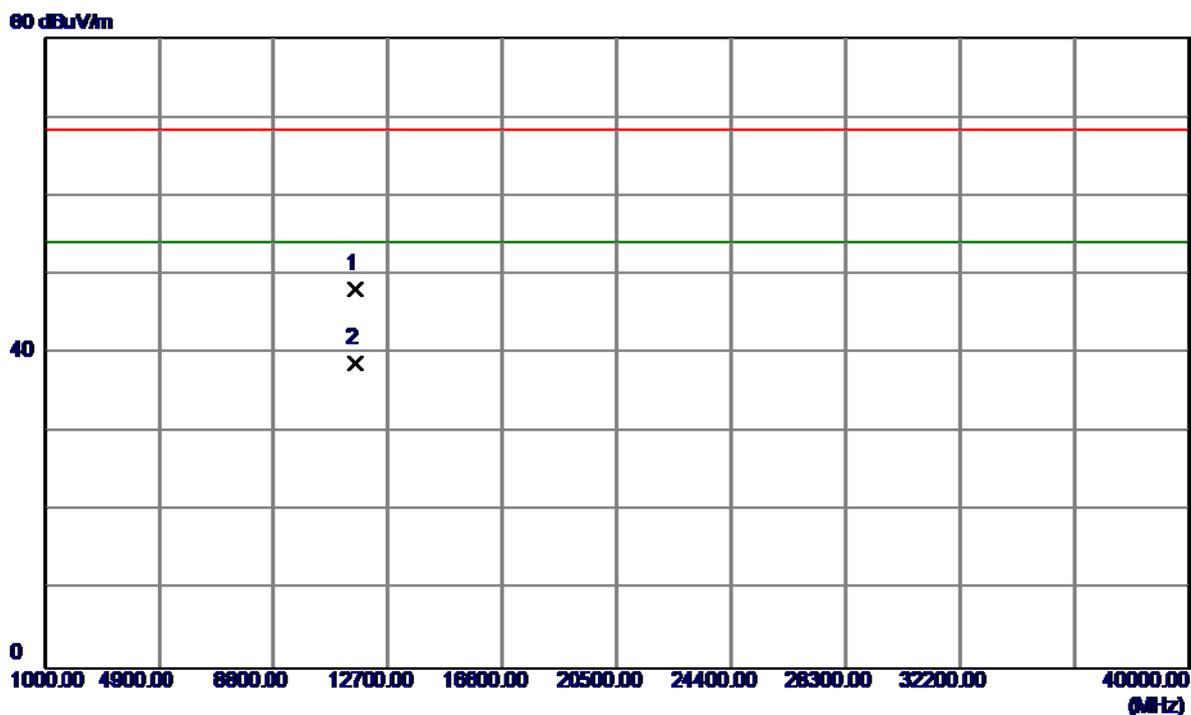
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5787.0000	57.20	41.35	98.55	68.30	30.25	AVG	No Limit
2	5784.3000	66.33	41.35	107.68	78.30	29.38	Peak	No Limit

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

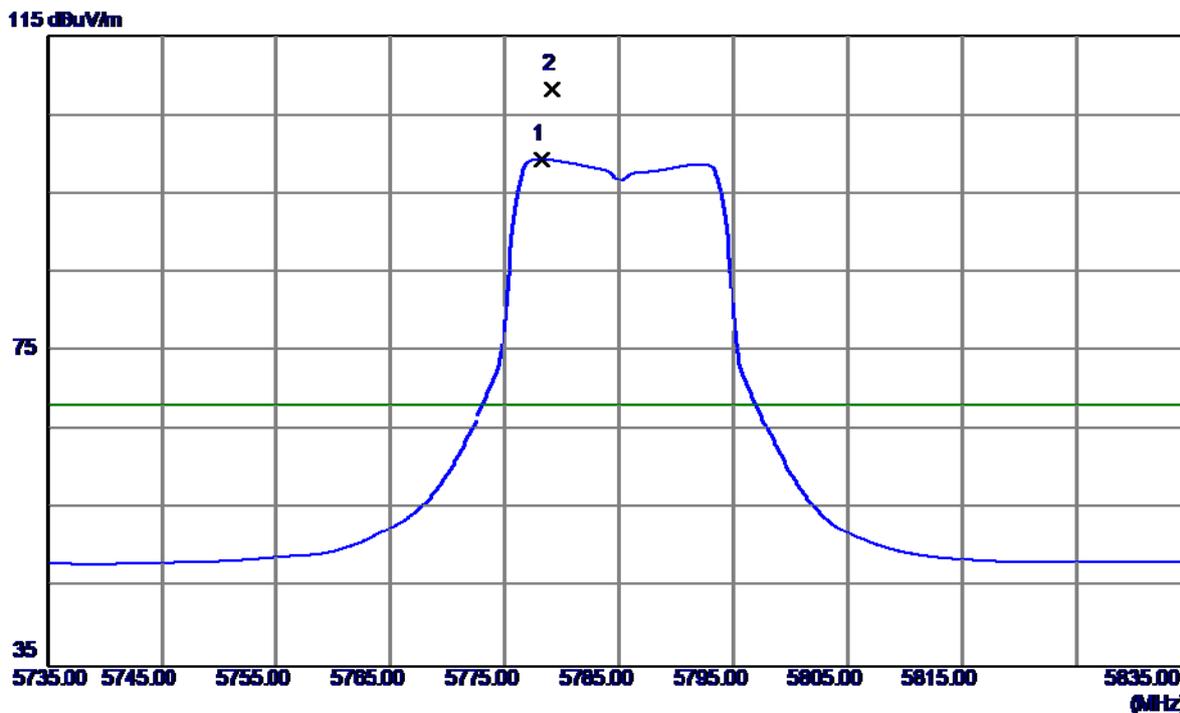
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.6910	31.04	17.05	48.09	68.30	-20.21	Peak	
2	11570.6640	21.66	17.05	38.71	54.00	-15.29	AVG	

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

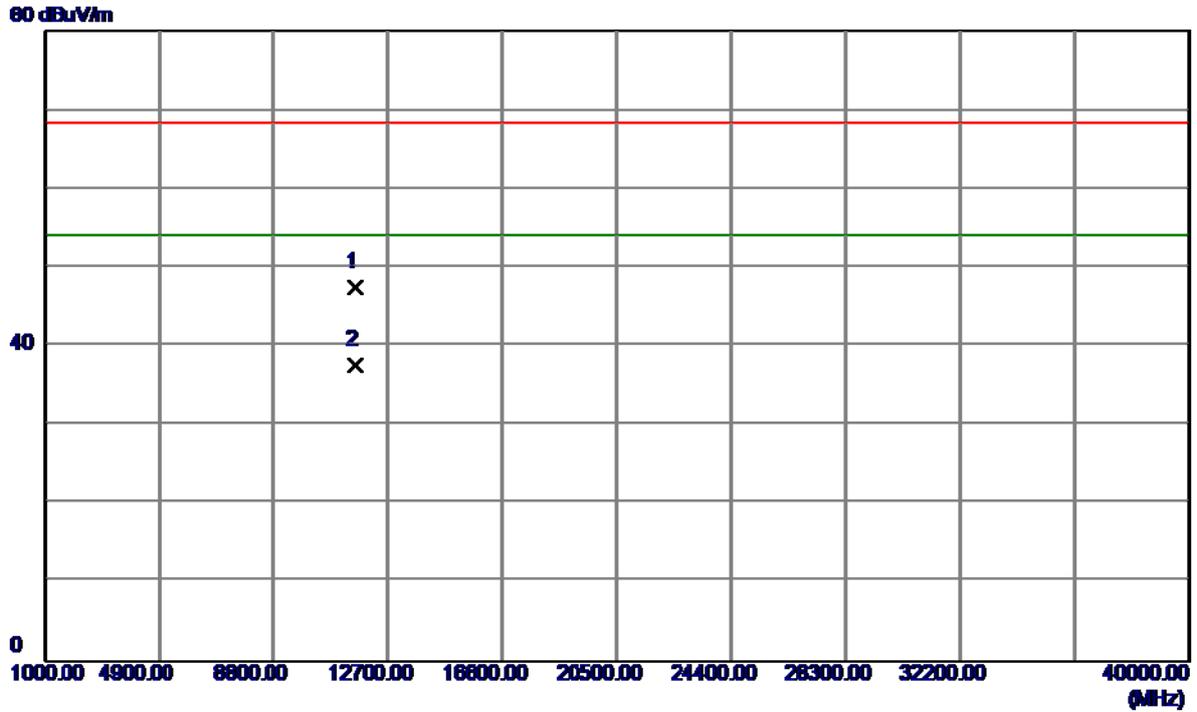
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5778.2000	58.01	41.34	99.35	68.30	31.05	AVG	No Limit
2	5779.1000	67.00	41.34	108.34	78.30	30.04	Peak	No Limit

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

### Horizontal

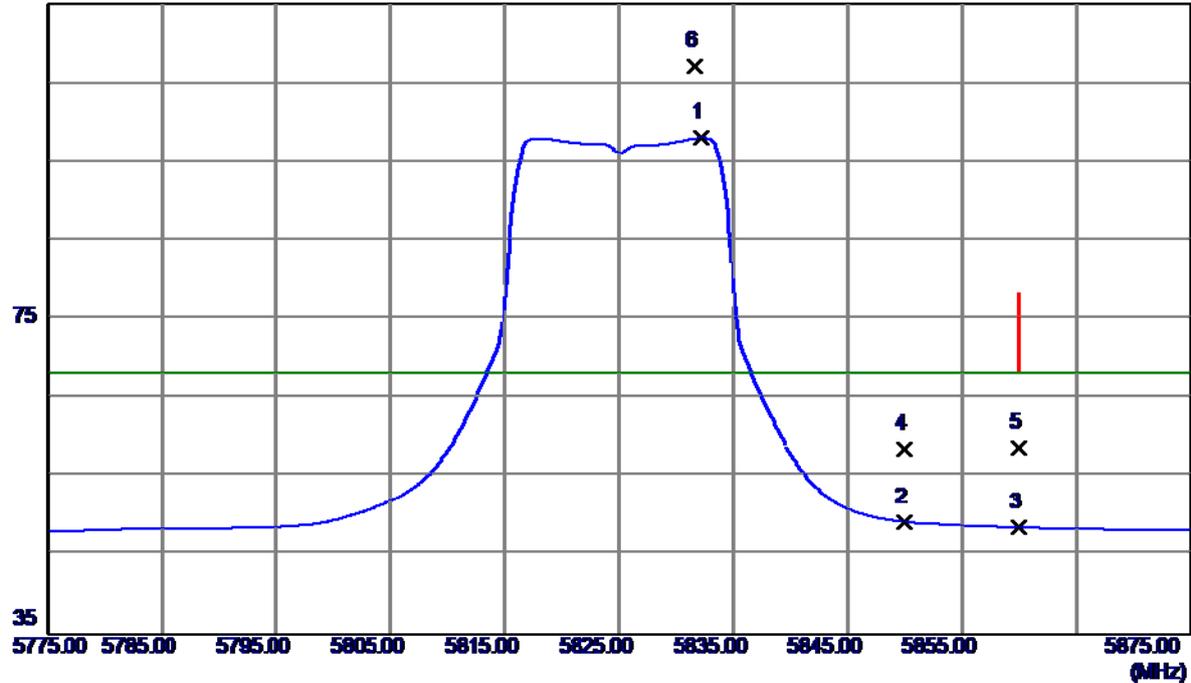


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.3740	30.44	17.05	47.49	68.30	-20.81	Peak	
2	11570.3780	20.63	17.05	37.68	54.00	-16.32	AVG	

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

Vertical

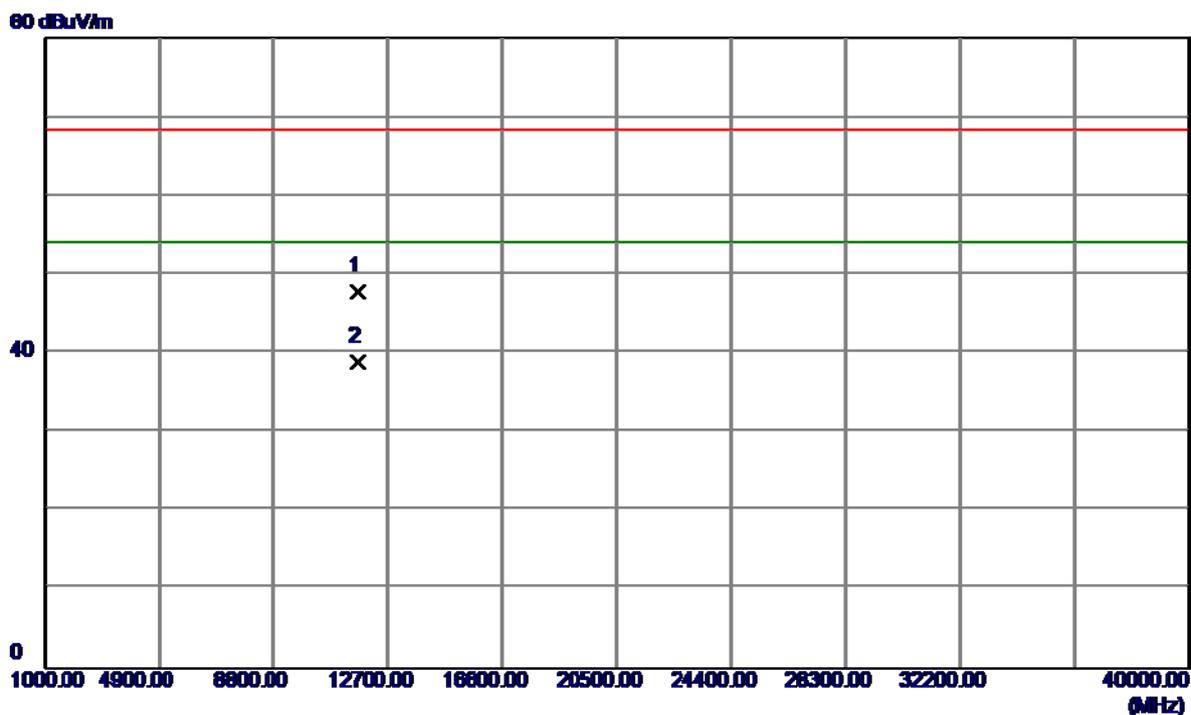
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5832.2000	56.57	41.41	97.98	68.30	29.68	AVG	No Limit
2	5850.0000	7.84	41.44	49.28	68.30	-19.02	AVG	
3	5860.0000	7.15	41.45	48.60	68.30	-19.70	AVG	
4	5850.0000	17.06	41.44	58.50	78.30	-19.80	Peak	
5	5860.0000	17.30	41.45	58.75	78.30	-19.55	Peak	
6	5831.7000	65.76	41.41	107.17	78.30	28.87	Peak	No Limit

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

### Vertical

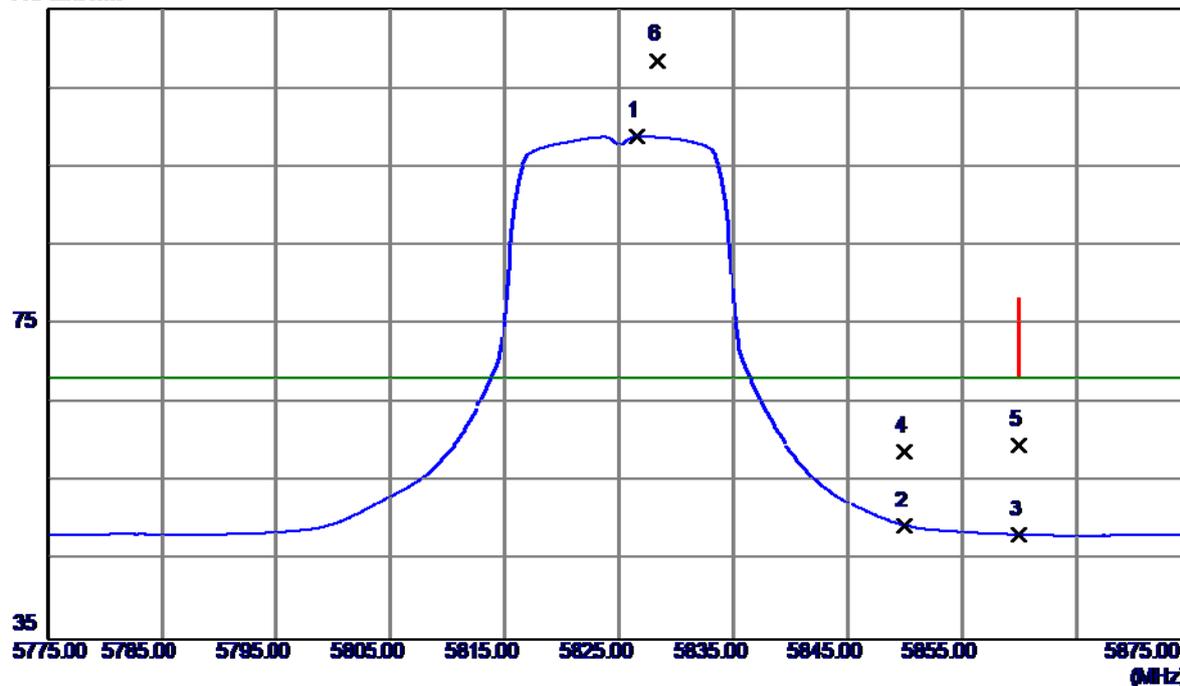


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.1800	30.69	17.17	47.86	68.30	-20.44	Peak	
2	11650.1800	21.77	17.17	38.94	54.00	-15.06	AVG	

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

### Horizontal

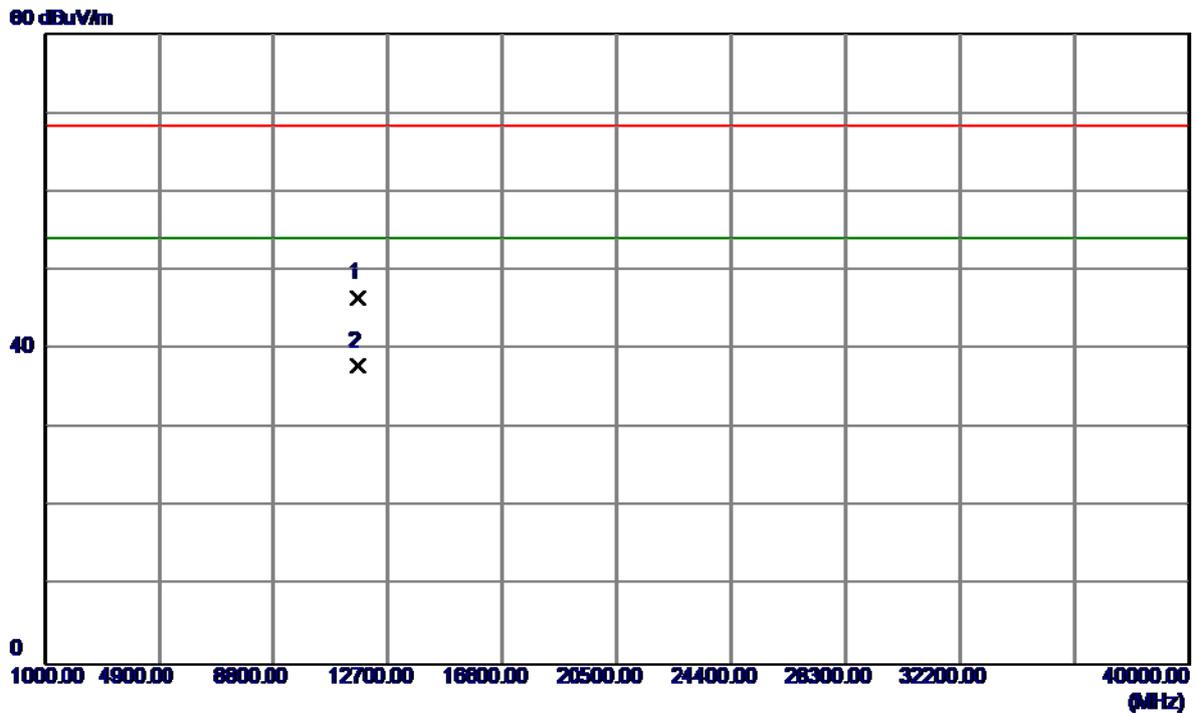
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5826.6000	57.44	41.40	98.84	68.30	30.54	AVG	No Limit
2	5850.0000	8.02	41.44	49.46	68.30	-18.84	AVG	
3	5860.0000	6.86	41.45	48.31	68.30	-19.99	AVG	
4	5850.0000	17.40	41.44	58.84	78.30	-19.46	Peak	
5	5860.0000	18.22	41.45	59.67	78.30	-18.63	Peak	
6	5828.3000	67.11	41.41	108.52	78.30	30.22	Peak	No Limit

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

### Horizontal

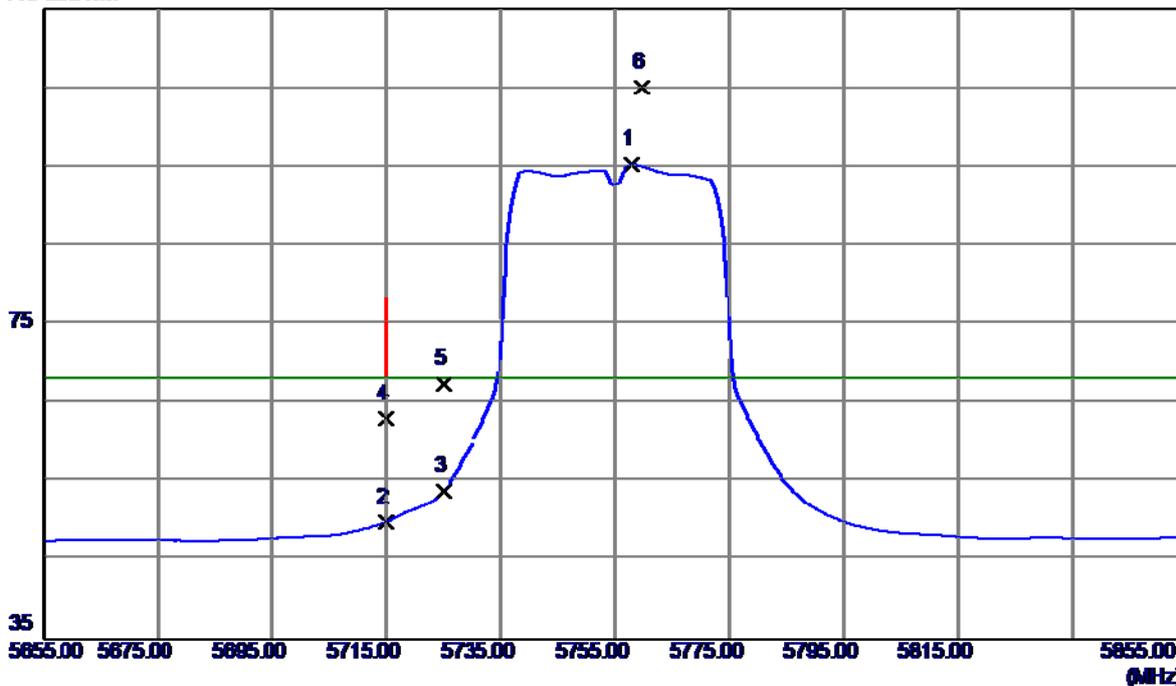


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.1140	29.37	17.17	46.54	68.30	-21.76	Peak	
2	11650.4720	20.67	17.17	37.84	54.00	-16.16	AVG	

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

### Vertical

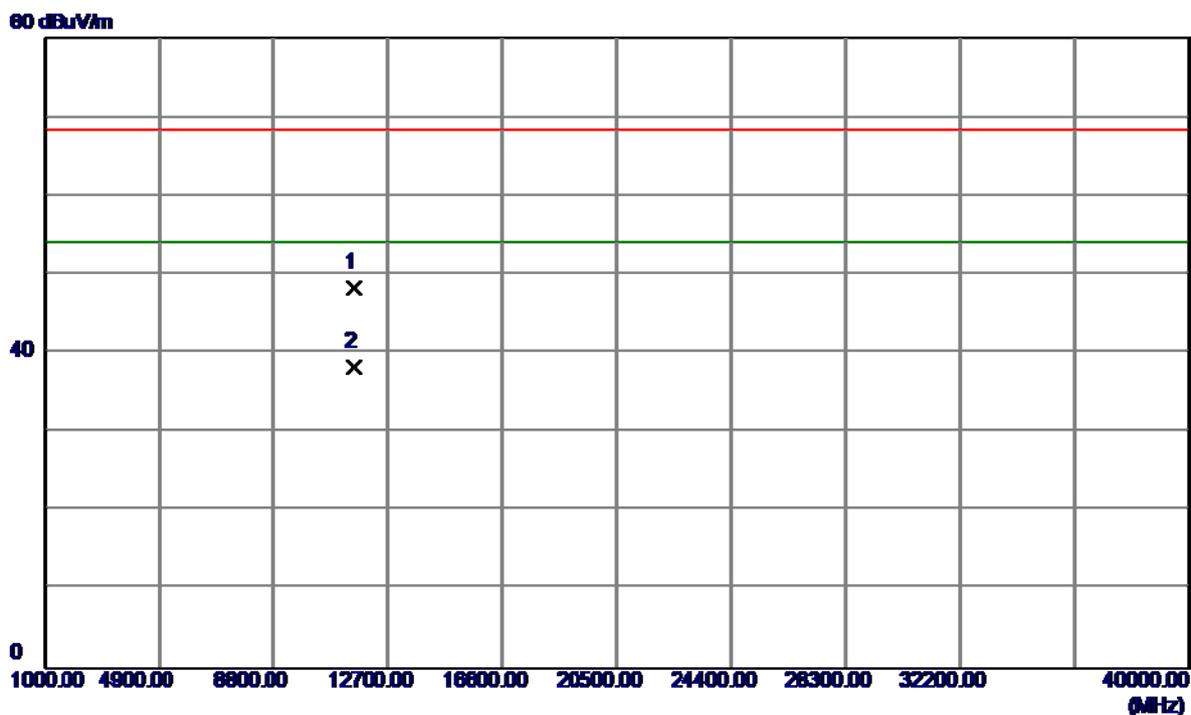
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5757.8000	53.99	41.31	95.30	68.30	27.00	AVG	No Limit
2	5715.0000	8.65	41.25	49.90	68.30	-18.40	AVG	
3	5725.0000	12.65	41.27	53.92	68.30	-14.38	AVG	
4	5715.0000	21.73	41.25	62.98	68.30	-5.32	Peak	
5	5725.0000	26.17	41.27	67.44	78.30	-10.86	Peak	
6	5759.6000	63.73	41.31	105.04	78.30	26.74	Peak	No Limit

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

**Vertical**

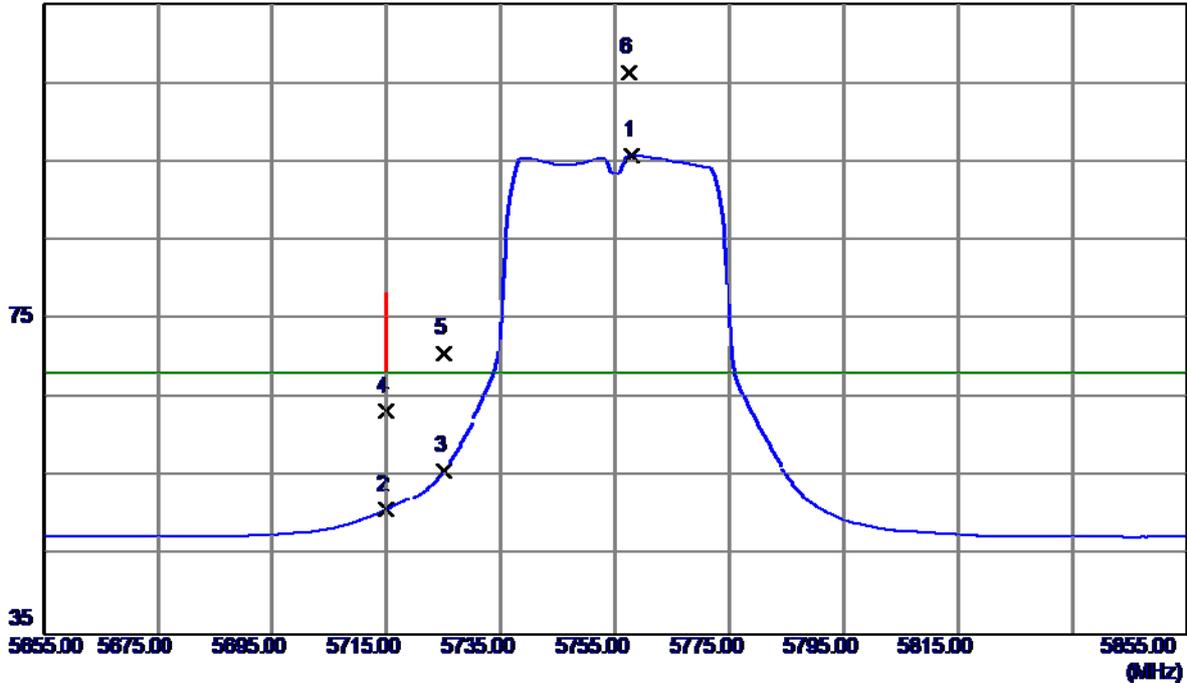


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.7800	31.44	16.95	48.39	68.30	-19.91	Peak	
2	11510.7800	21.30	16.95	38.25	54.00	-15.75	AVG	

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

### Horizontal

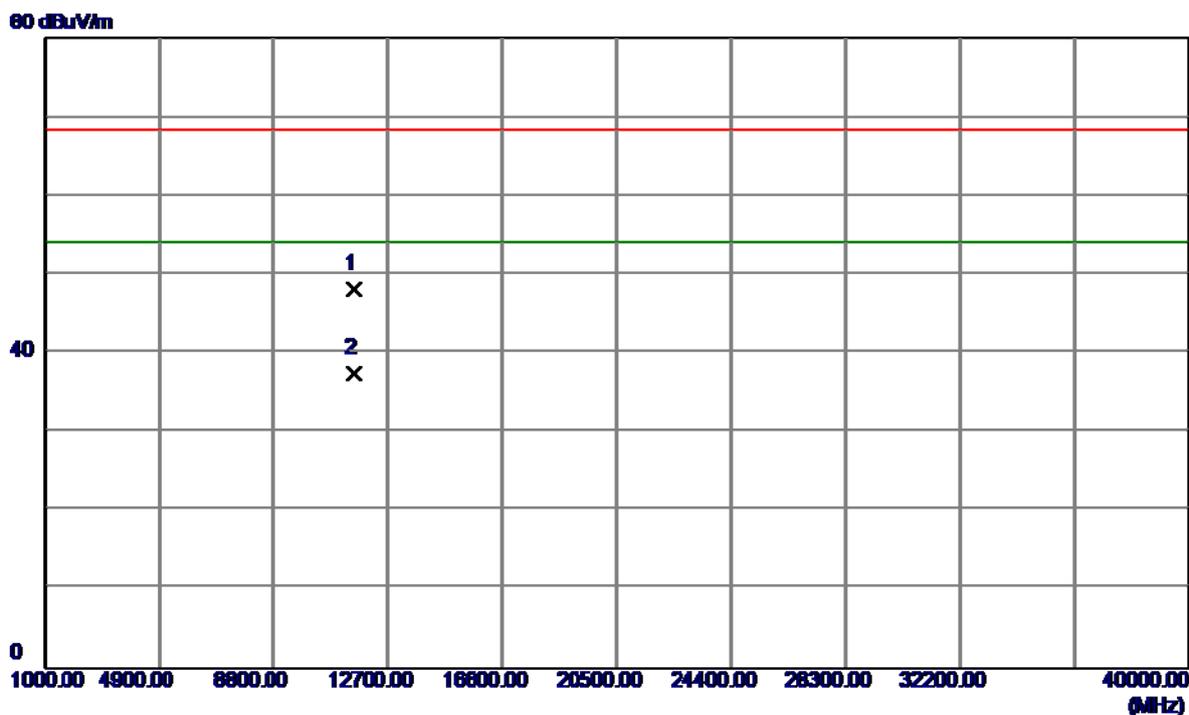
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5758.0000	54.53	41.31	95.84	68.30	27.54	AVG	No Limit
2	5715.0000	9.56	41.25	50.81	68.30	-17.49	AVG	
3	5725.0000	14.51	41.27	55.78	68.30	-12.52	AVG	
4	5715.0000	22.05	41.25	63.30	68.30	-5.00	Peak	
5	5725.0000	29.38	41.27	70.65	78.30	-7.65	Peak	
6	5757.4000	64.98	41.31	106.29	78.30	27.99	Peak	No Limit

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

### Horizontal

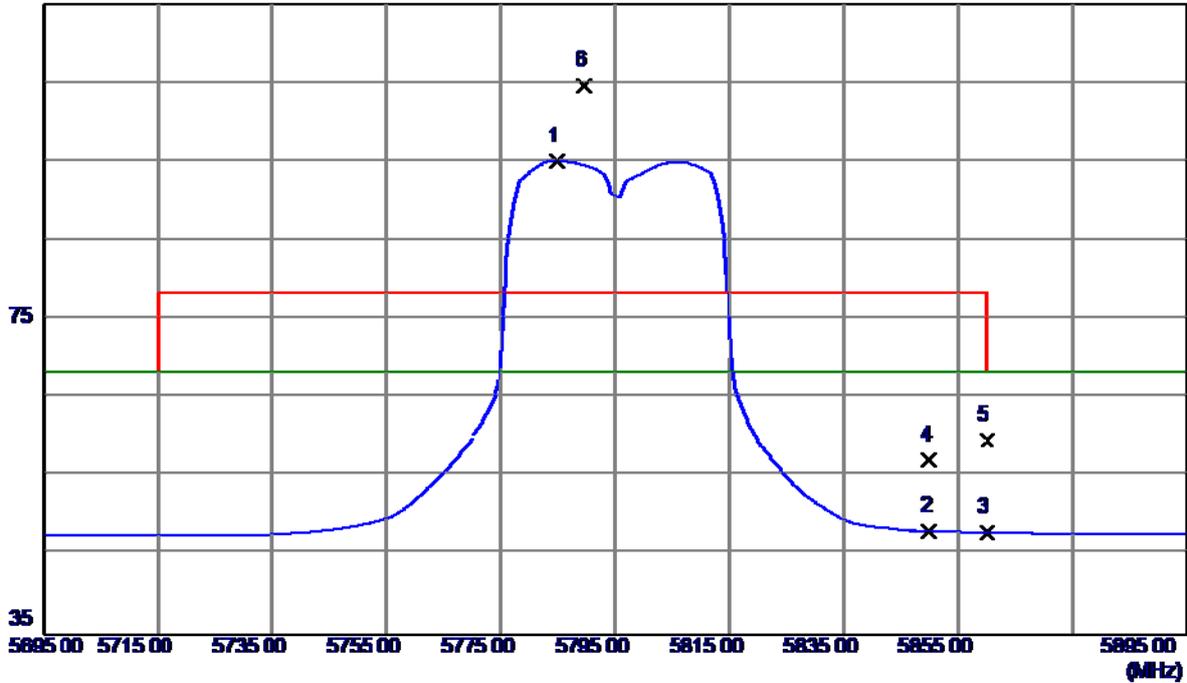


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.1700	31.23	16.95	48.18	68.30	-20.12	Peak	
2	11510.1700	20.51	16.95	37.46	54.00	-16.54	AVG	

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

**Vertical**

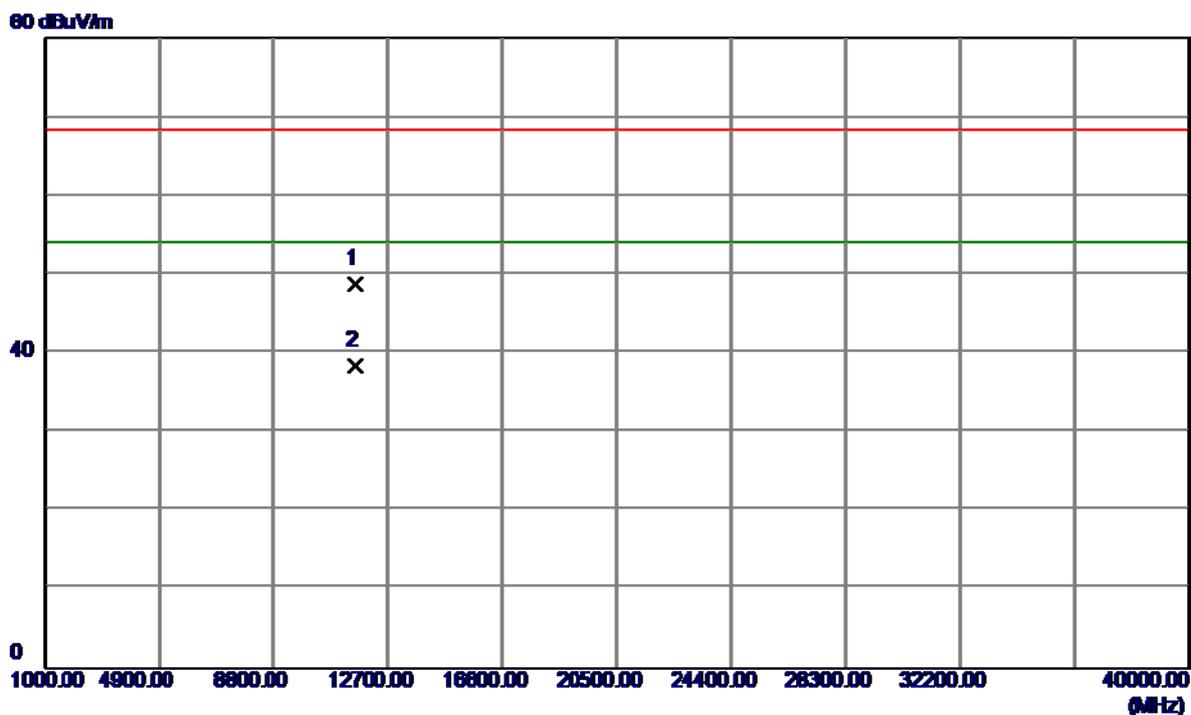
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5784.8000	53.66	41.35	95.01	68.30	26.71	AVG	No Limit
2	5850.0000	6.74	41.44	48.18	68.30	-20.12	AVG	
3	5860.0000	6.56	41.45	48.01	68.30	-20.29	AVG	
4	5850.0000	15.59	41.44	57.03	78.30	-21.27	Peak	
5	5860.0000	18.18	41.45	59.63	78.30	-18.67	Peak	
6	5789.6000	63.21	41.35	104.56	78.30	26.26	Peak	No Limit

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

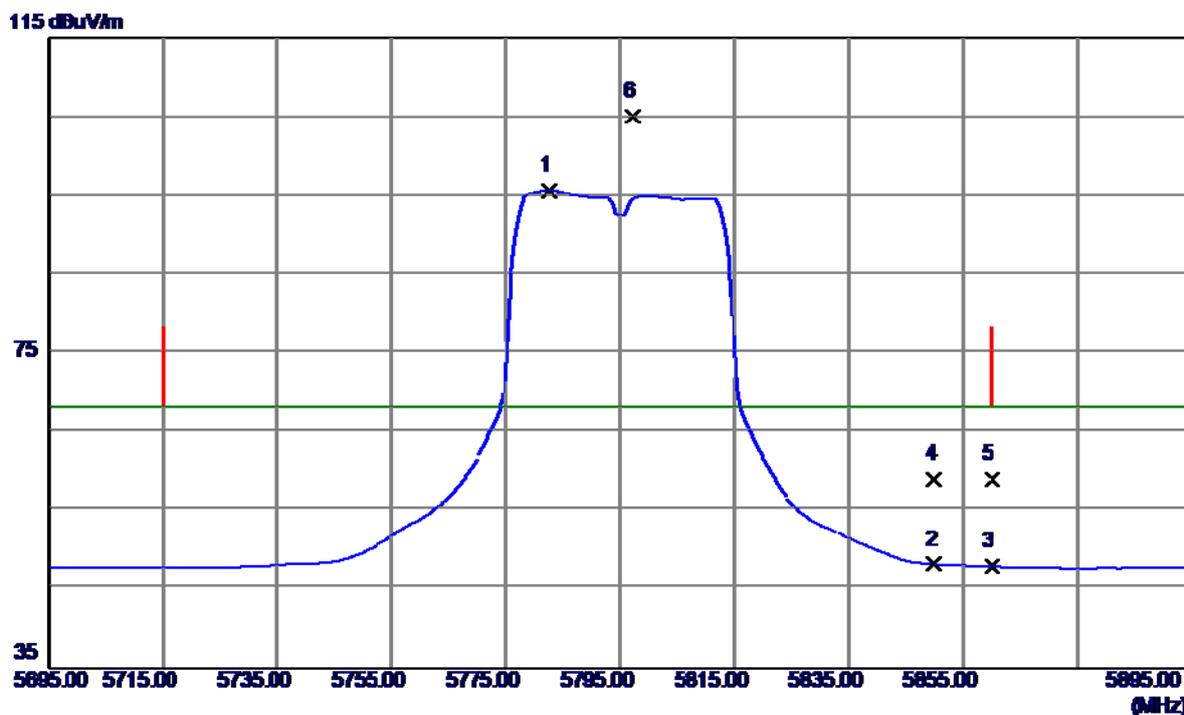
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.5480	31.79	17.08	48.87	68.30	-19.43	Peak	
2	11590.5679	21.38	17.08	38.46	54.00	-15.54	AVG	

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

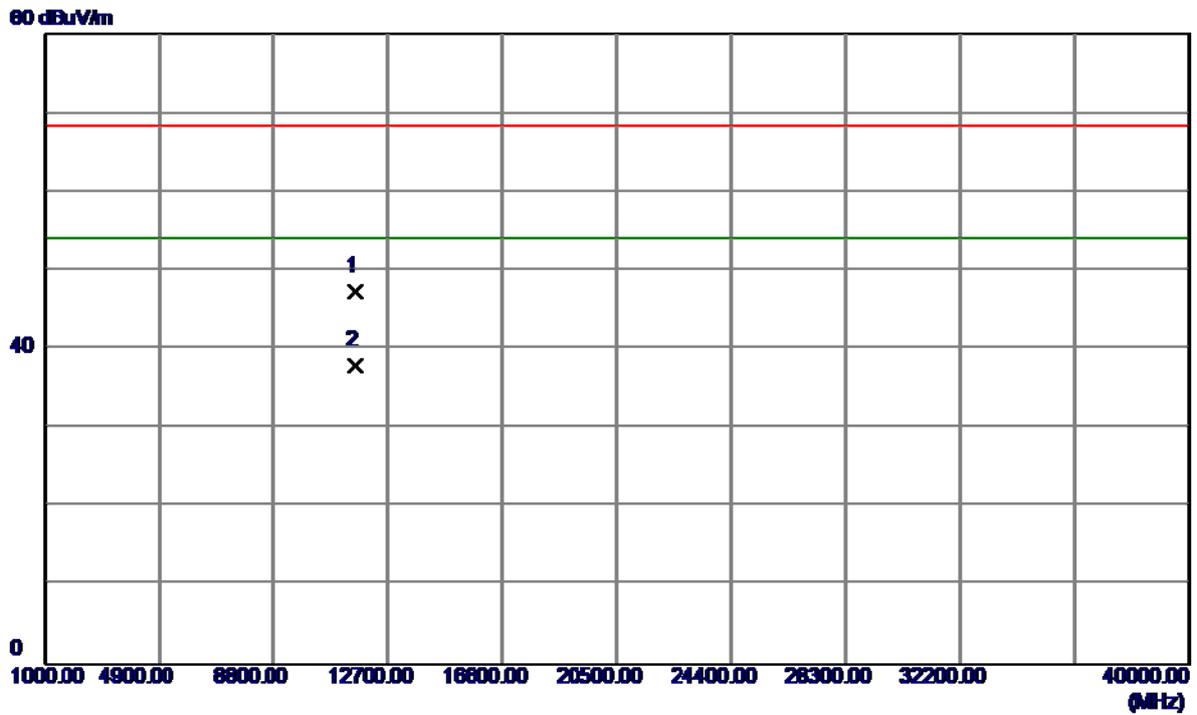
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5782.6000	54.33	41.34	95.67	68.30	27.37	AVG	No Limit
2	5850.0000	6.76	41.44	48.20	68.30	-20.10	AVG	
3	5860.0000	6.48	41.45	47.93	68.30	-20.37	AVG	
4	5850.0000	17.61	41.44	59.05	78.30	-19.25	Peak	
5	5860.0000	17.53	41.45	58.98	78.30	-19.32	Peak	
6	5797.2000	63.74	41.36	105.10	78.30	26.80	Peak	No Limit

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

### Horizontal

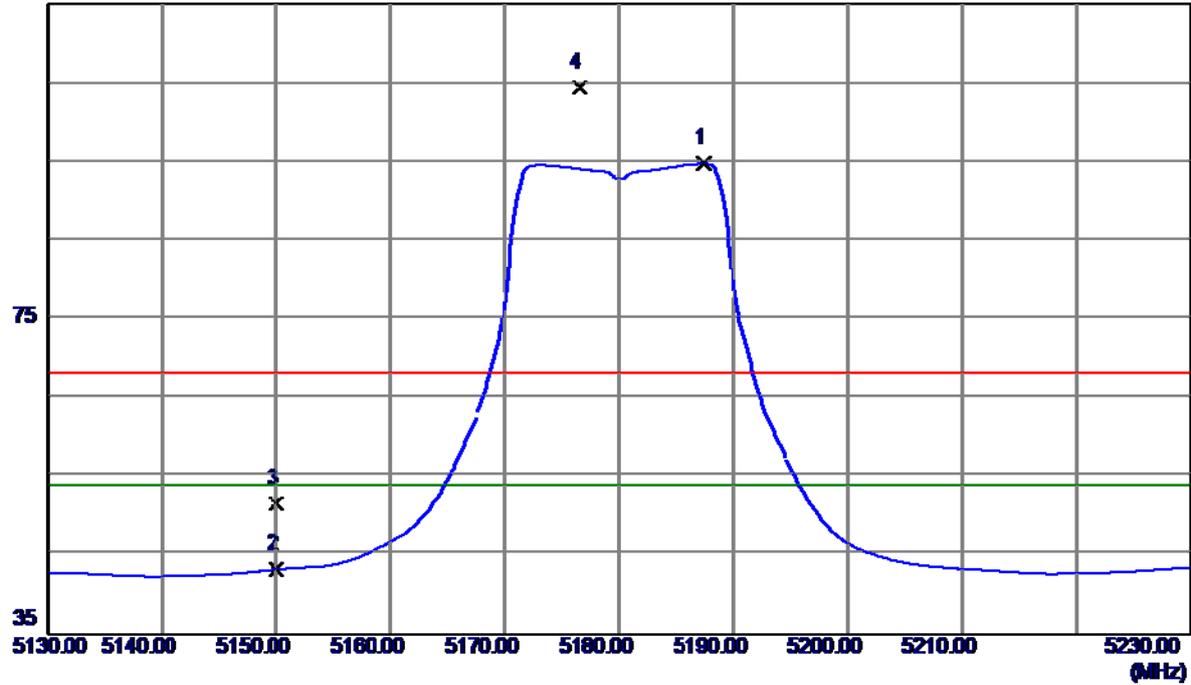


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.6609	30.25	17.08	47.33	68.30	-20.97	Peak	
2	11590.3570	20.89	17.08	37.97	54.00	-16.03	AVG	

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

**Vertical**

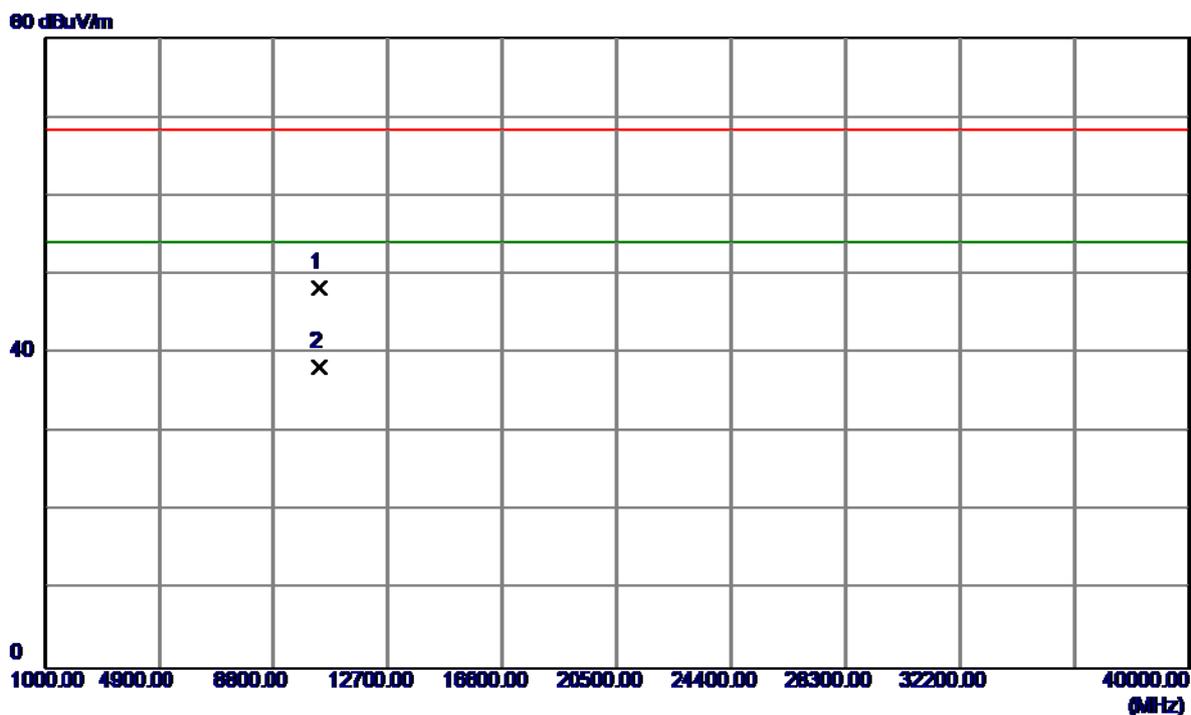
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5187.4000	54.49	40.30	94.79	54.00	40.79	AVG	No Limit
2	5150.0000	3.08	40.22	43.30	54.00	-10.70	AVG	
3	5150.0000	11.45	40.22	51.67	68.30	-16.63	Peak	
4	5176.5000	64.23	40.27	104.50	68.30	36.20	Peak	No Limit

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

### Vertical

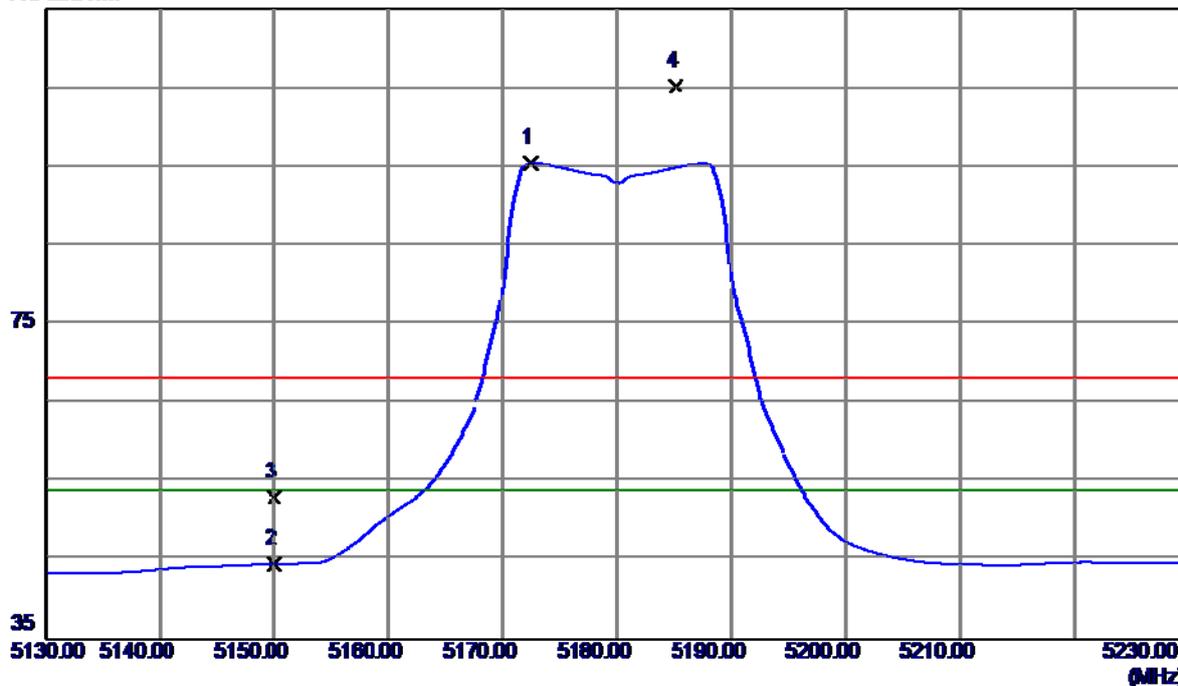


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.3780	34.46	13.86	48.32	68.30	-19.98	Peak	
2	10360.2360	24.37	13.86	38.23	54.00	-15.77	AVG	

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

### Horizontal

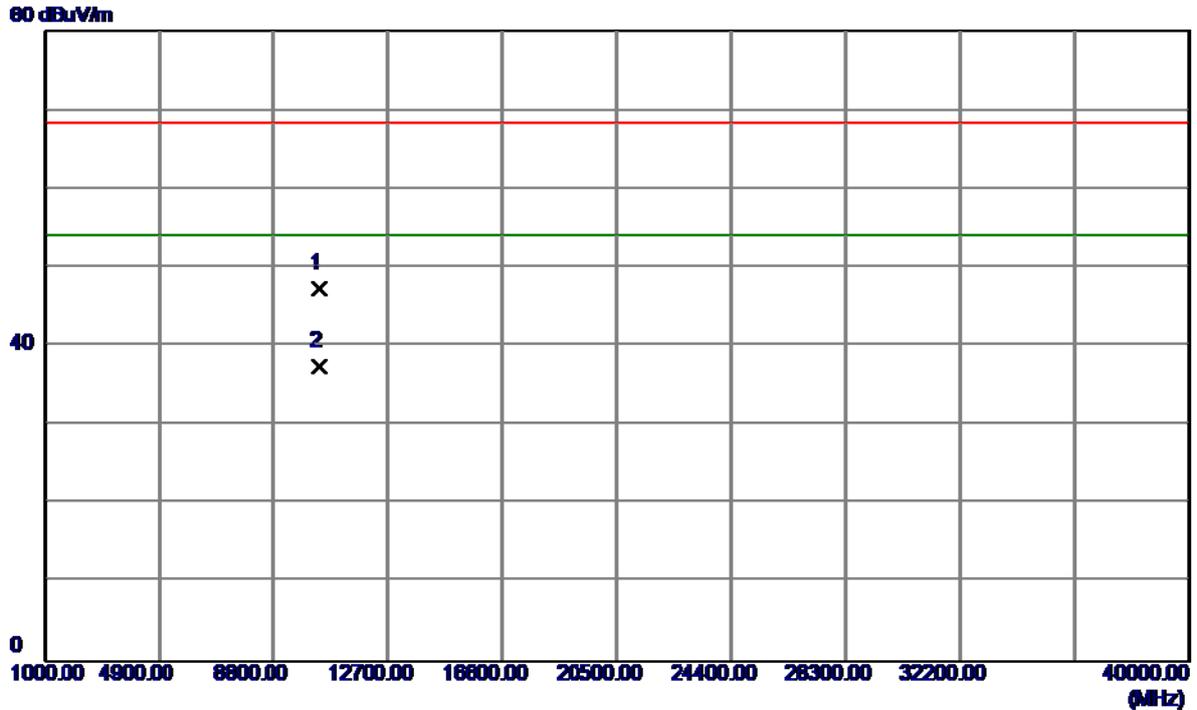
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5172.4000	55.21	40.27	95.48	54.00	41.48	AVG	No Limit
2	5150.0000	4.42	40.22	44.64	54.00	-9.36	AVG	
3	5150.0000	12.86	40.22	53.08	68.30	-15.22	Peak	
4	5185.1000	64.97	40.29	105.26	68.30	36.96	Peak	No Limit

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

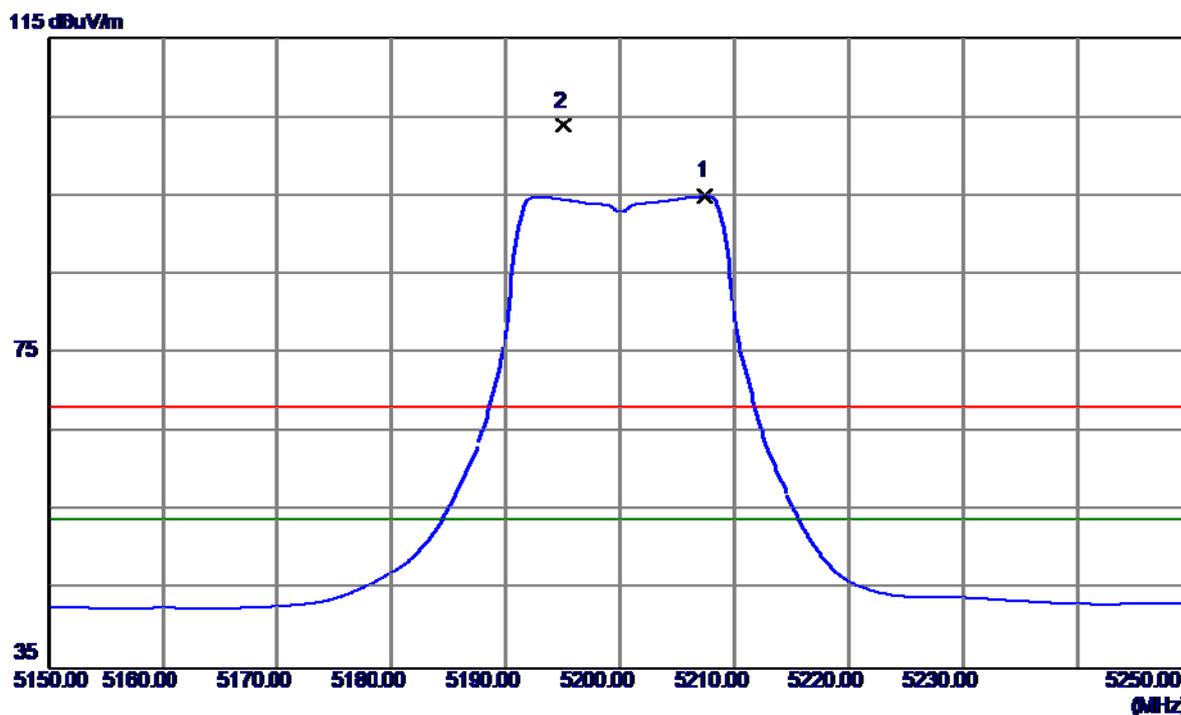
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.0100	33.55	13.86	47.41	68.30	-20.89	Peak	
2	10360.0100	23.57	13.86	37.43	54.00	-16.57	AVG	

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

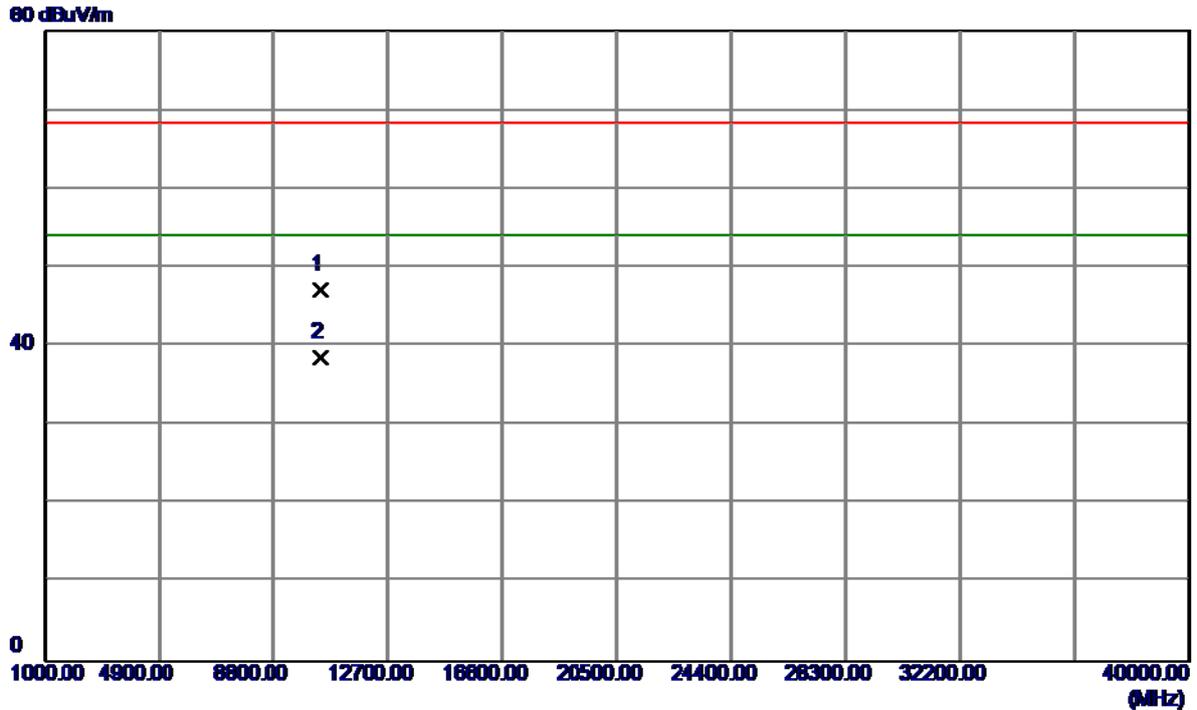
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5207.5000	54.62	40.34	94.96	54.00	40.96	AVG	No Limit
2	5195.0000	63.57	40.31	103.88	68.30	35.58	Peak	No Limit

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

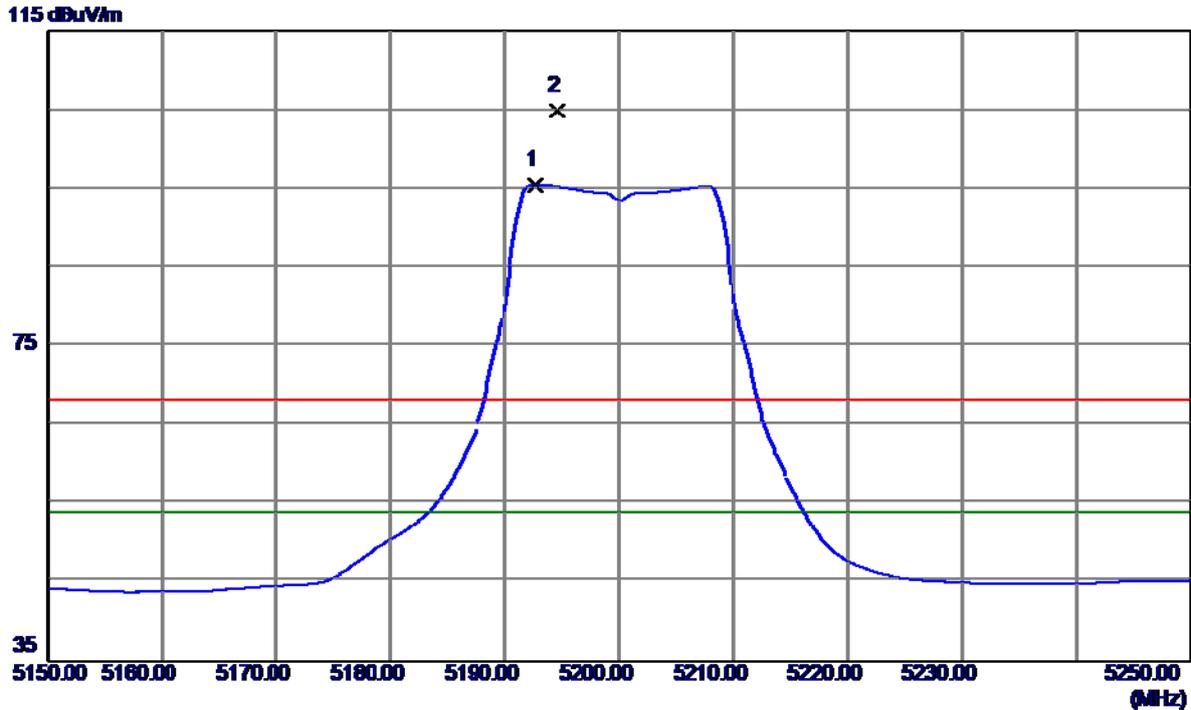
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.3370	33.38	13.80	47.18	68.30	-21.12	Peak	
2	10400.3370	24.83	13.80	38.63	54.00	-15.37	AVG	

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

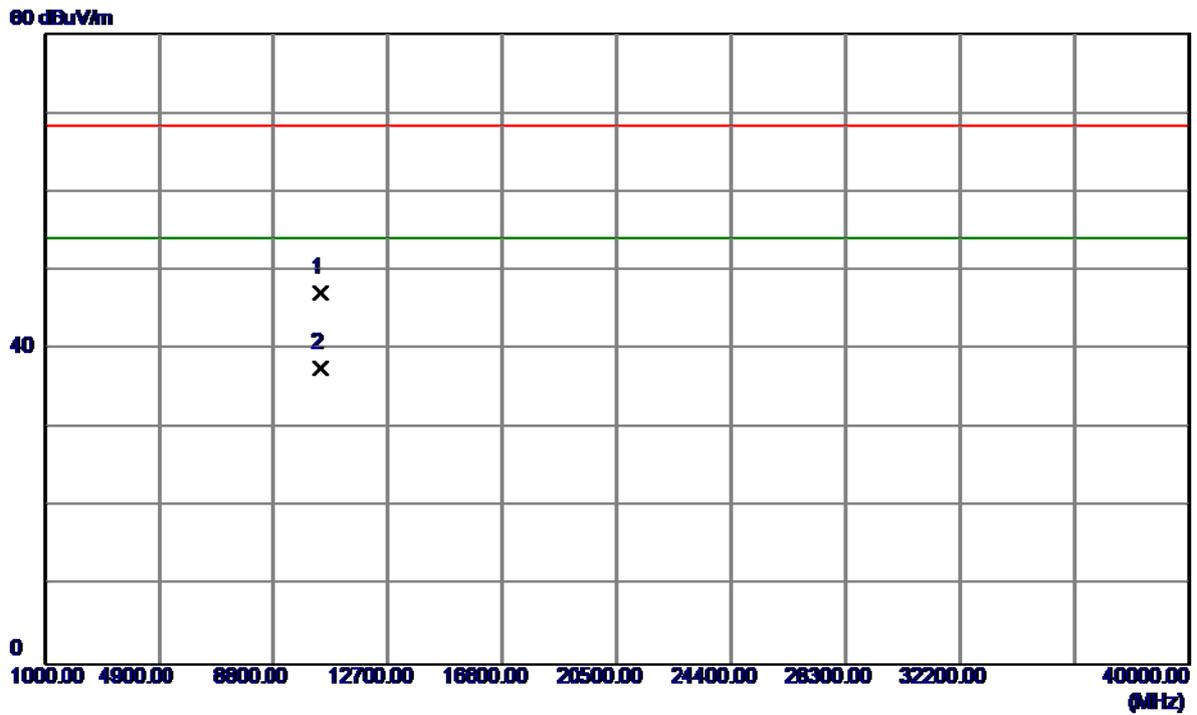
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5192.7000	55.22	40.31	95.53	54.00	41.53	AVG	No Limit
2	5194.6000	64.55	40.31	104.86	68.30	36.56	Peak	No Limit

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

### Horizontal

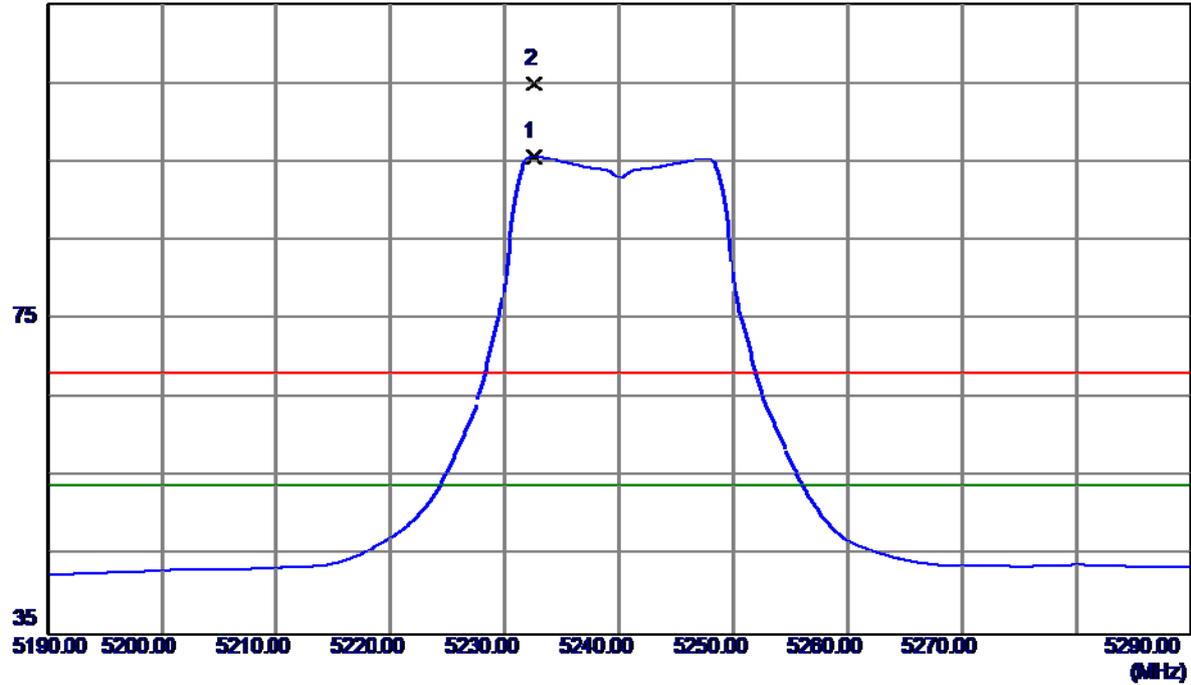


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.6210	33.33	13.80	47.13	68.30	-21.17	Peak	
2	10400.5540	23.74	13.80	37.54	54.00	-16.46	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

**Vertical**

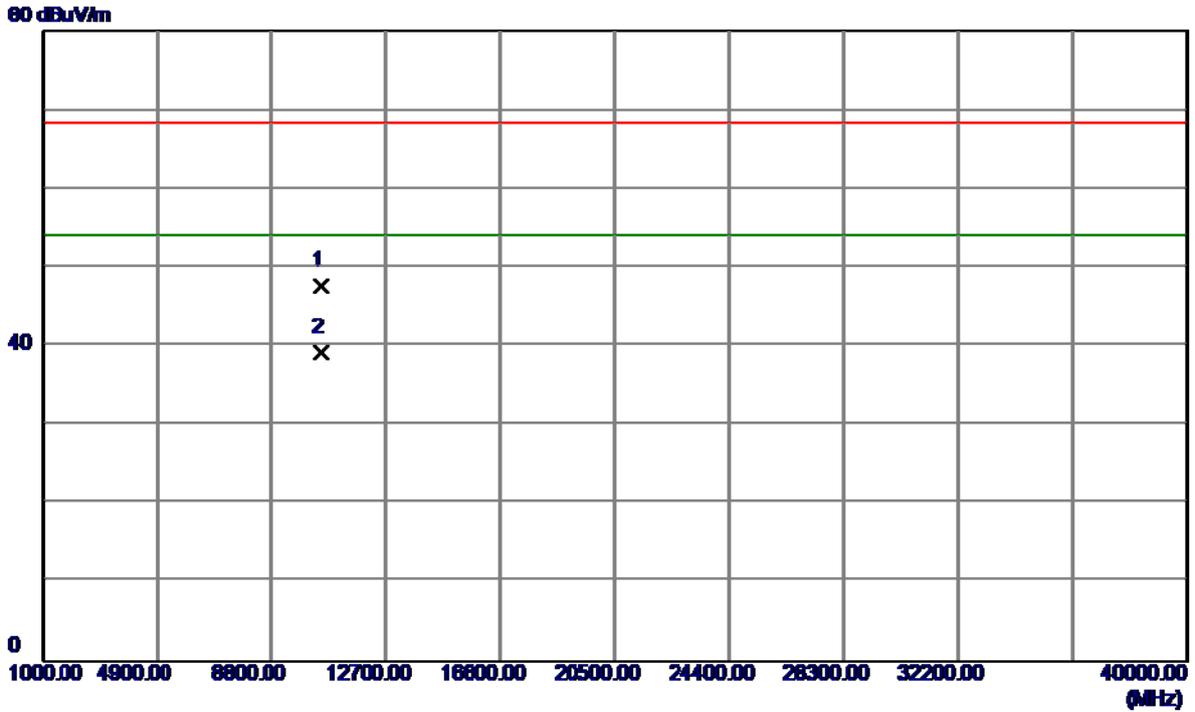
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.5000	55.25	40.39	95.64	54.00	41.64	AVG	No Limit
2	5232.6000	64.59	40.39	104.98	68.30	36.68	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

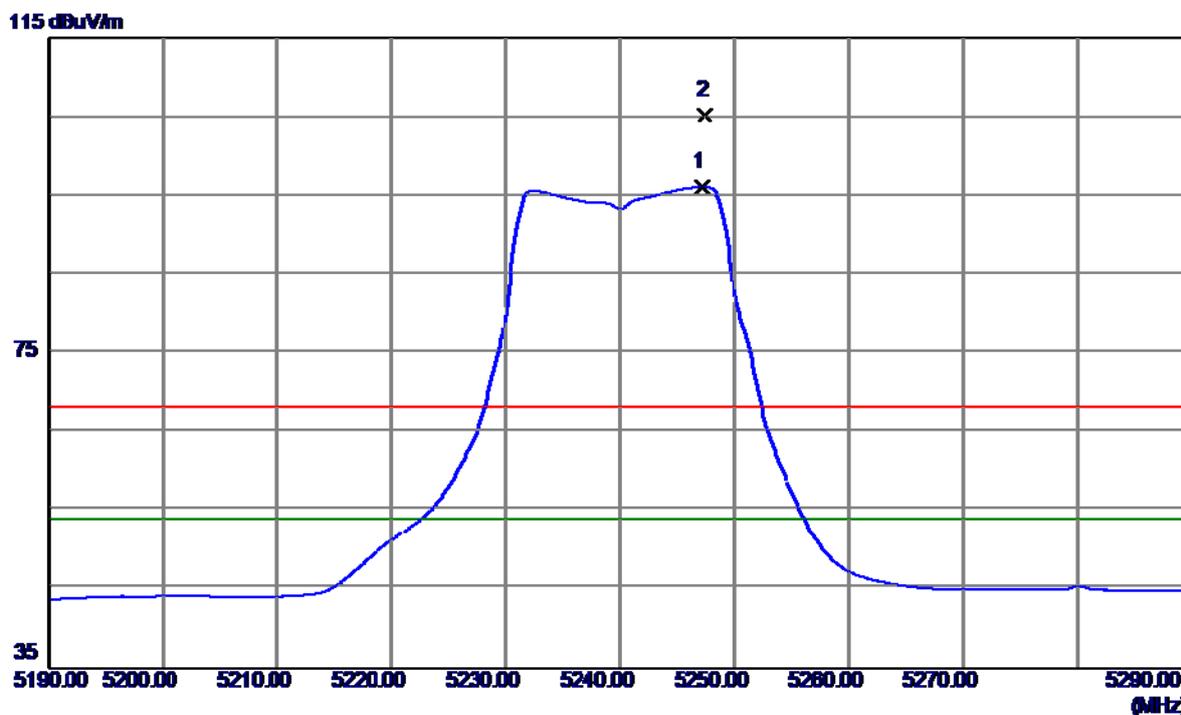
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.6220	34.01	13.69	47.70	68.30	-20.60	Peak	
2	10480.1230	25.47	13.69	39.16	54.00	-14.84	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

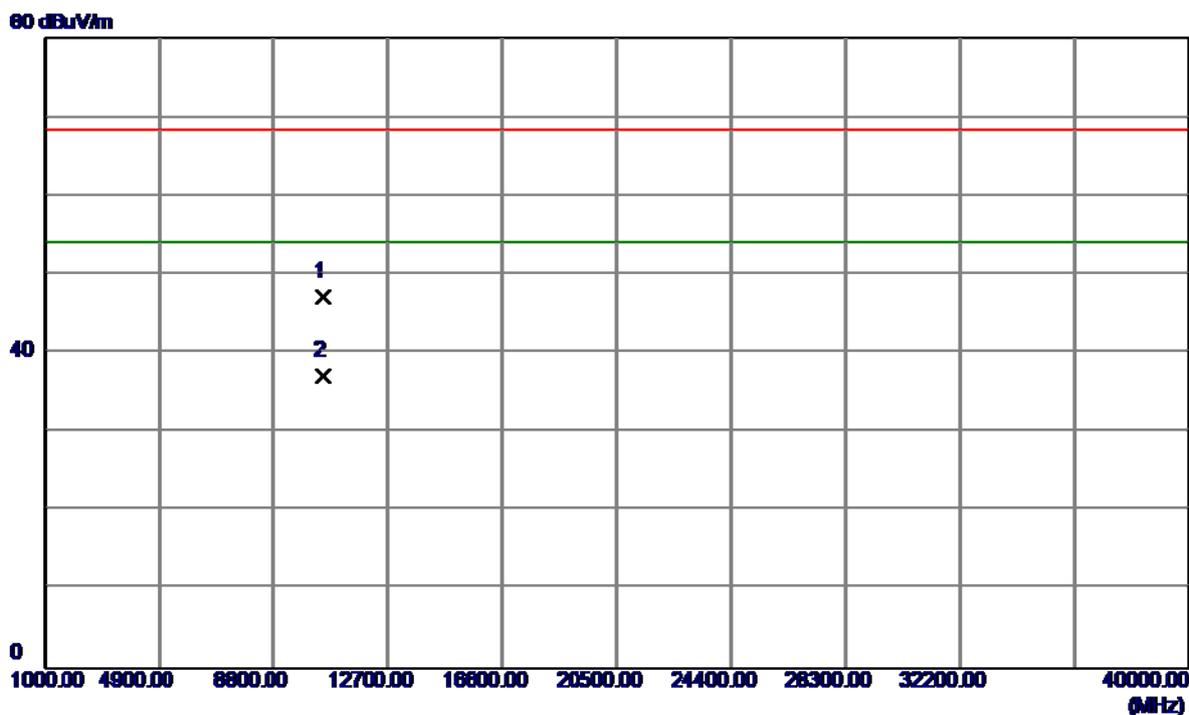
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5247.2000	55.69	40.42	96.11	54.00	42.11	AVG	No Limit
2	5247.5000	64.85	40.42	105.27	68.30	36.97	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

### Horizontal

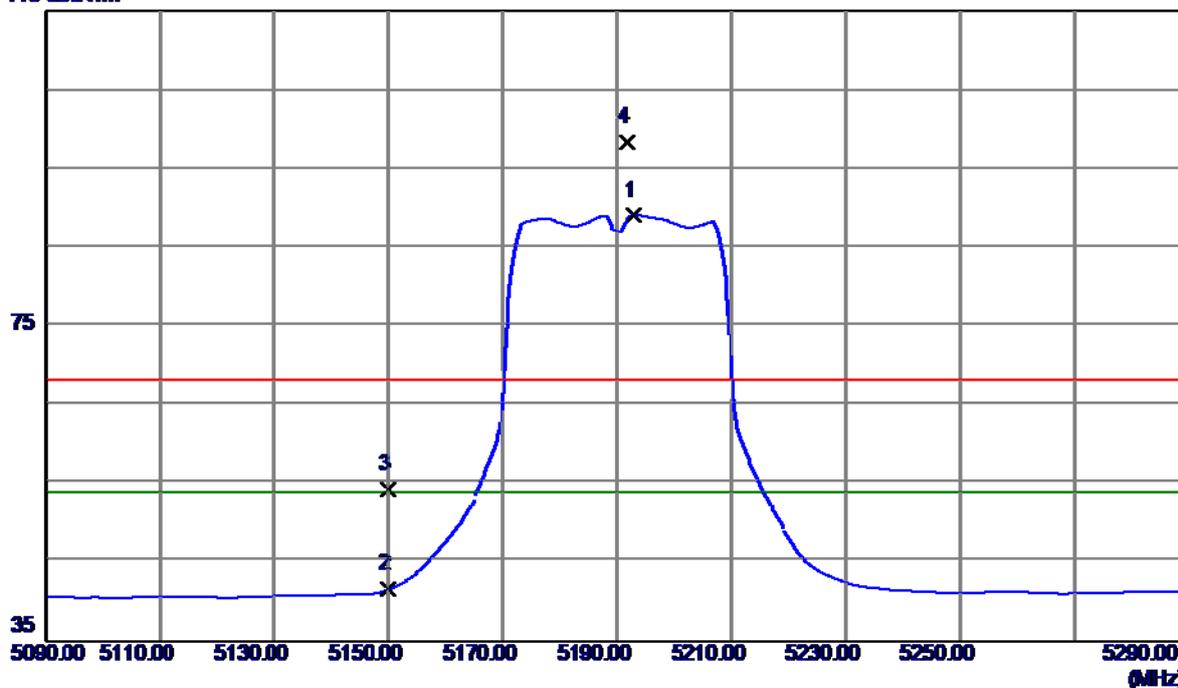


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.4790	33.58	13.69	47.27	68.30	-21.03	Peak	
2	10480.0830	23.38	13.69	37.07	54.00	-16.93	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

### Vertical

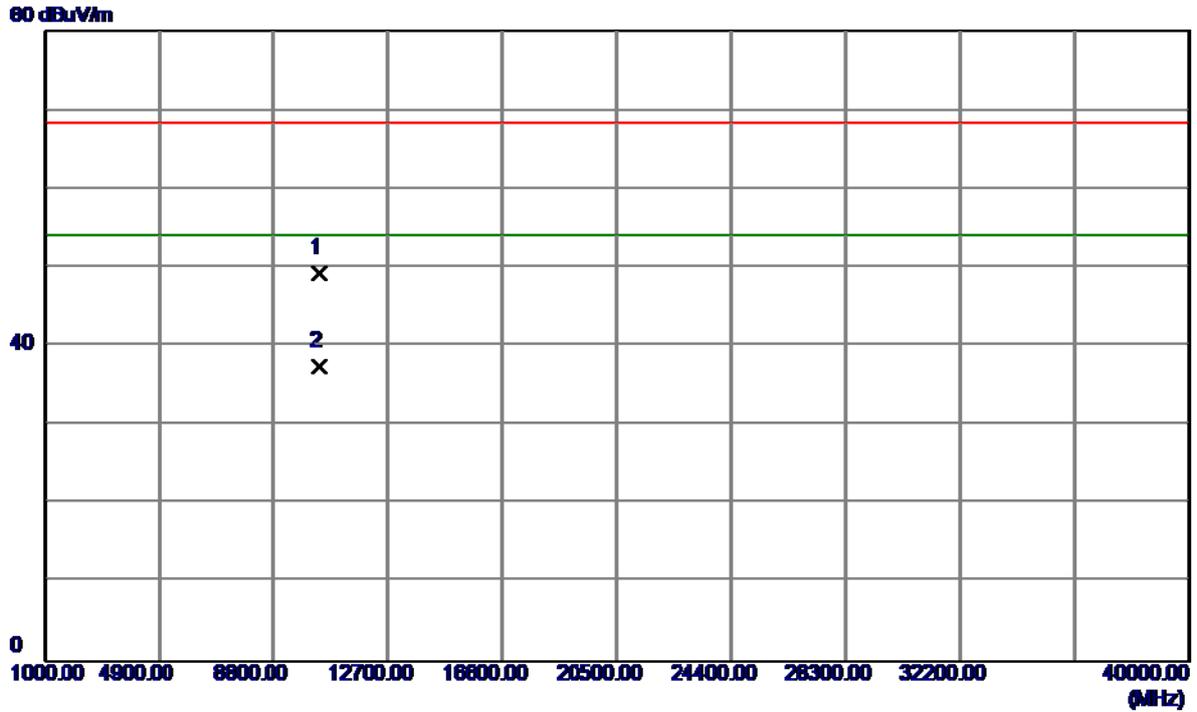
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5192.8000	48.75	40.31	89.06	54.00	35.06	AVG	No Limit
2	5150.0000	1.44	40.22	41.66	54.00	-12.34	AVG	
3	5150.0000	14.10	40.22	54.32	68.30	-13.98	Peak	
4	5191.8000	58.08	40.31	98.39	68.30	30.09	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

**Vertical**

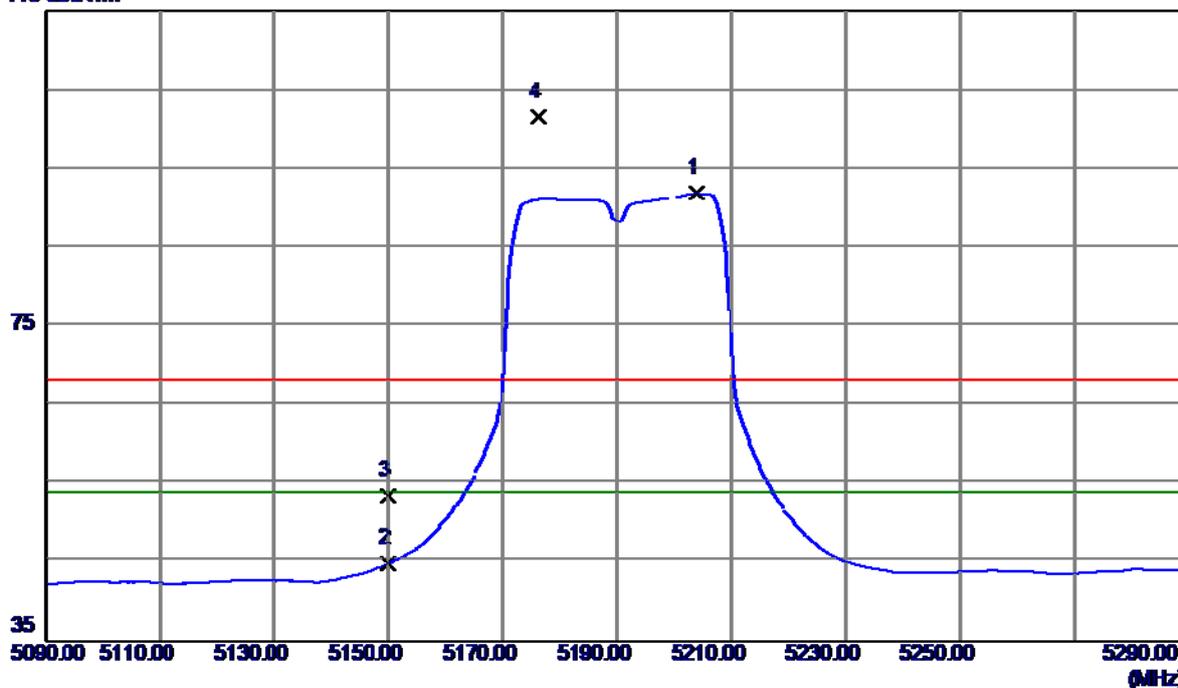


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10380.3099	35.45	13.83	49.28	68.30	-19.02	Peak	
2	10380.3099	23.63	13.83	37.46	54.00	-16.54	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

### Horizontal

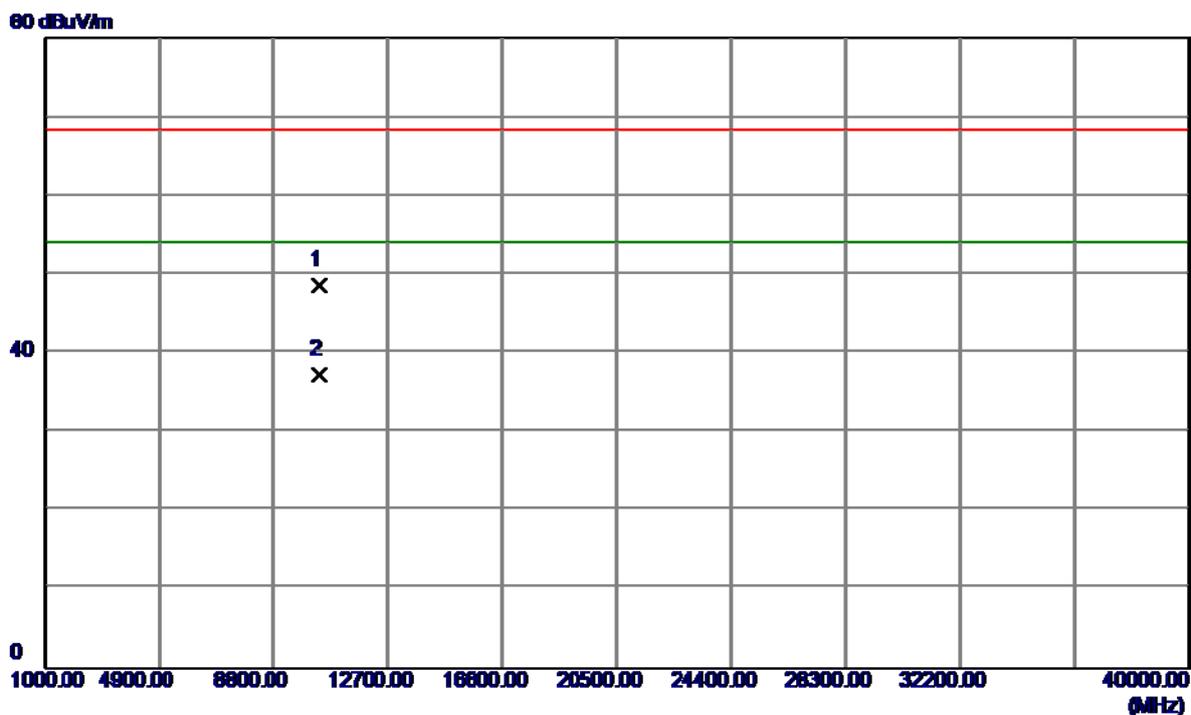
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5204.0000	51.56	40.33	91.89	54.00	37.89	AVG	No Limit
2	5150.0000	4.69	40.22	44.91	54.00	-9.09	AVG	
3	5150.0000	13.28	40.22	53.50	68.30	-14.80	Peak	
4	5176.2000	61.31	40.27	101.58	68.30	33.28	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

### Horizontal

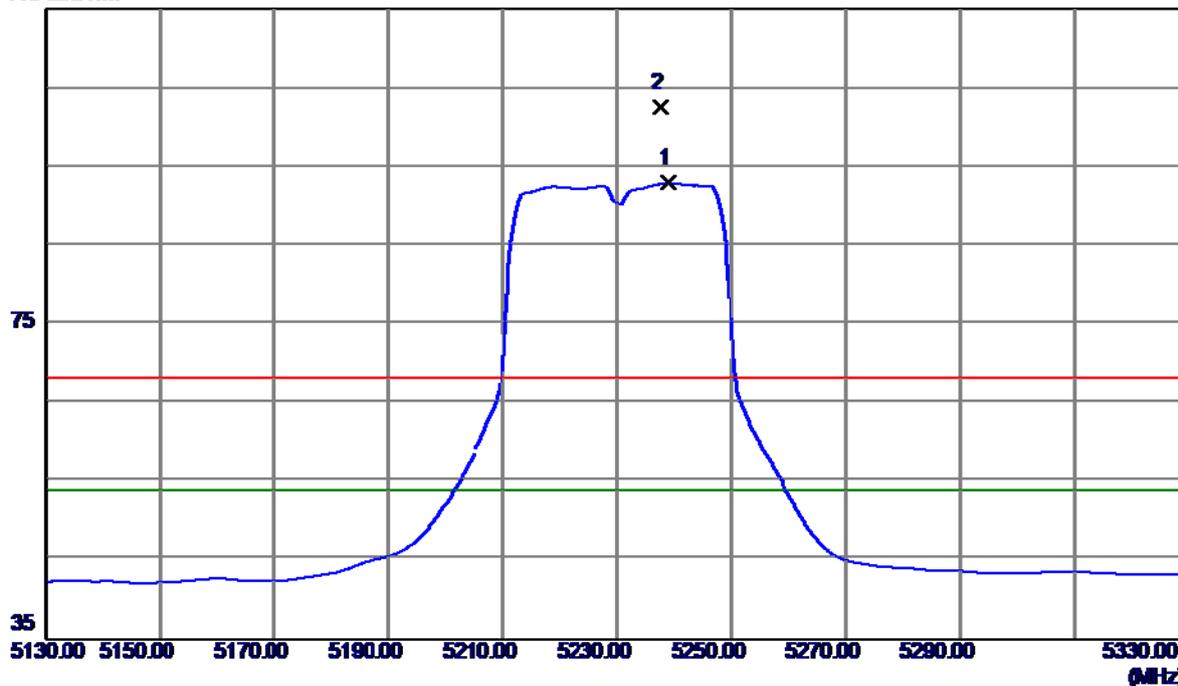


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10381.5590	34.82	13.83	48.65	68.30	-19.65	Peak	
2	10381.3640	23.46	13.83	37.29	54.00	-16.71	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

**Vertical**

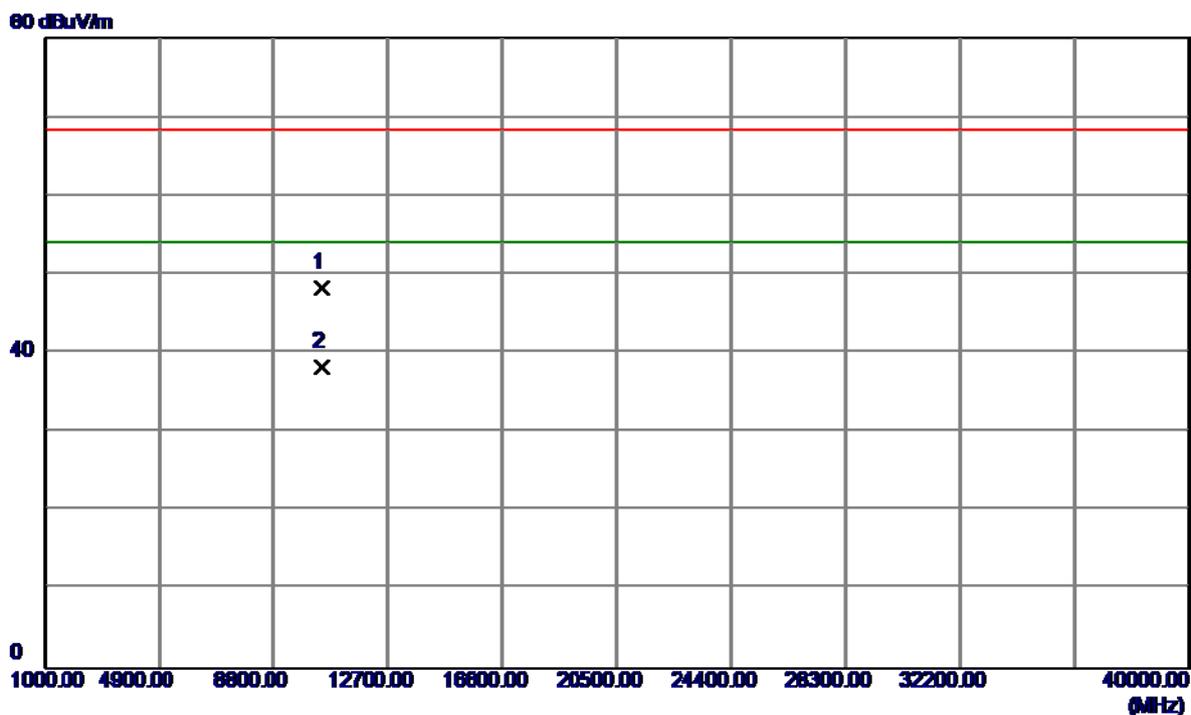
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5238.8000	52.59	40.41	93.00	54.00	39.00	AVG	No Limit
2	5237.6000	62.08	40.40	102.48	68.30	34.18	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

### Vertical

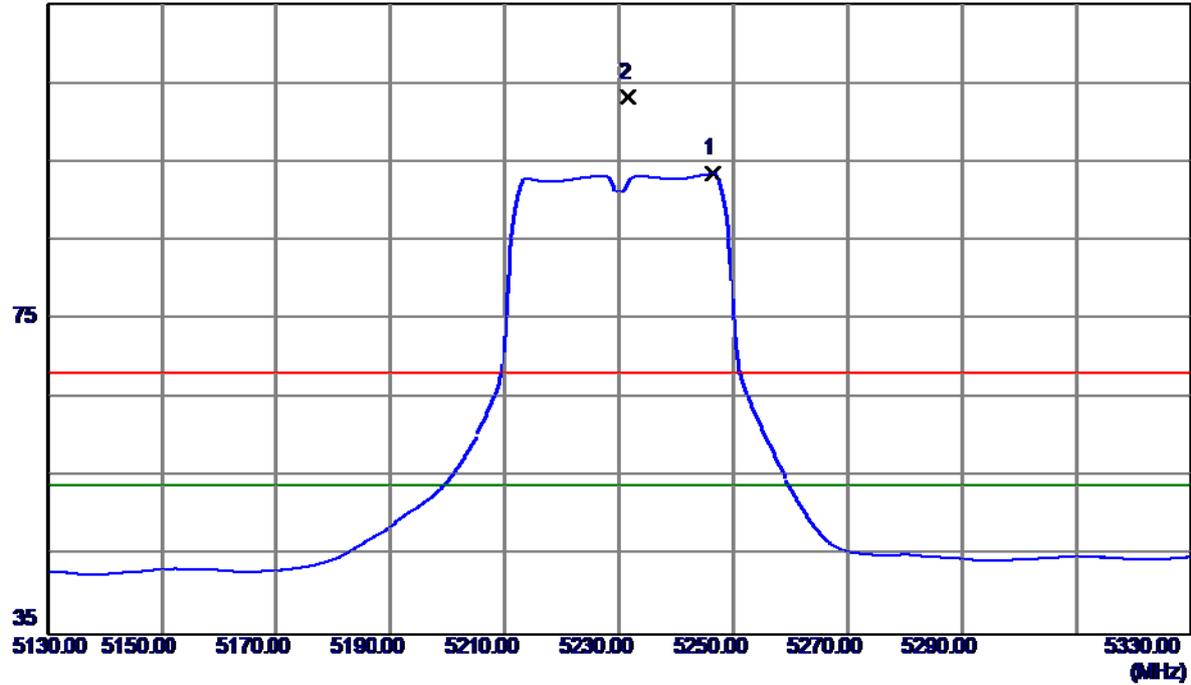


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10460.1449	34.56	13.72	48.28	68.30	-20.02	Peak	
2	10460.5670	24.46	13.72	38.18	54.00	-15.82	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

### Horizontal

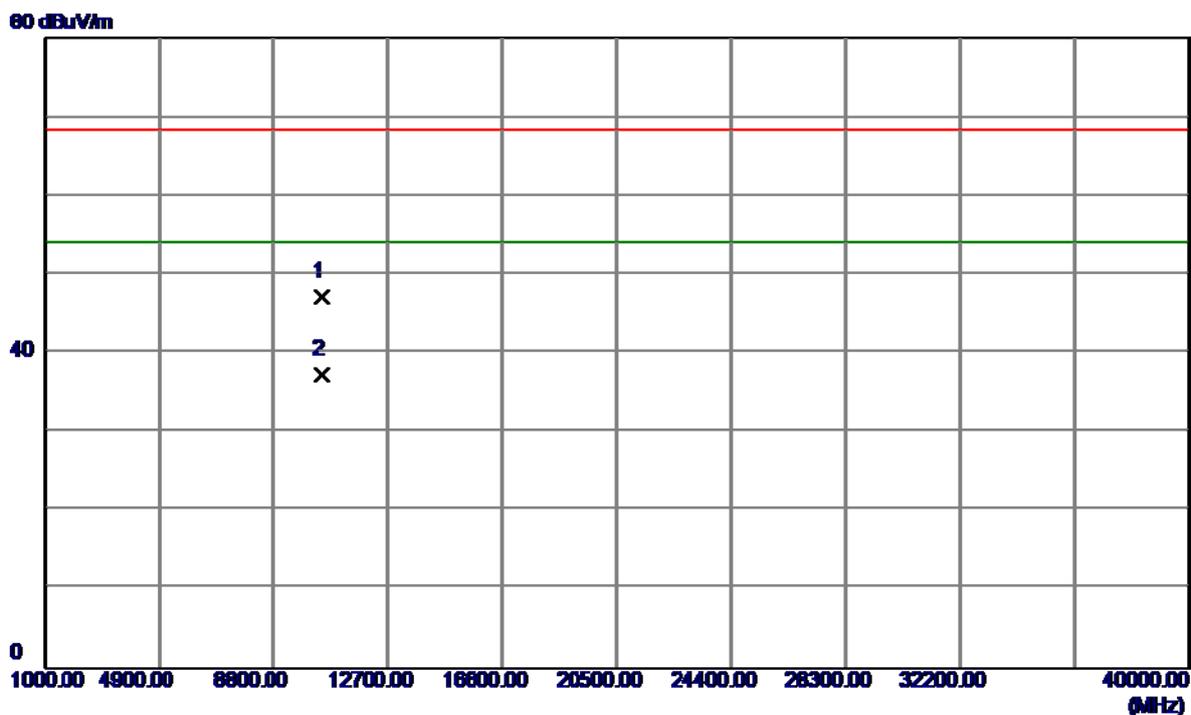
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5246.4000	53.13	40.42	93.55	54.00	39.55	AVG	No Limit
2	5231.6000	62.80	40.39	103.19	68.30	34.89	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

### Horizontal

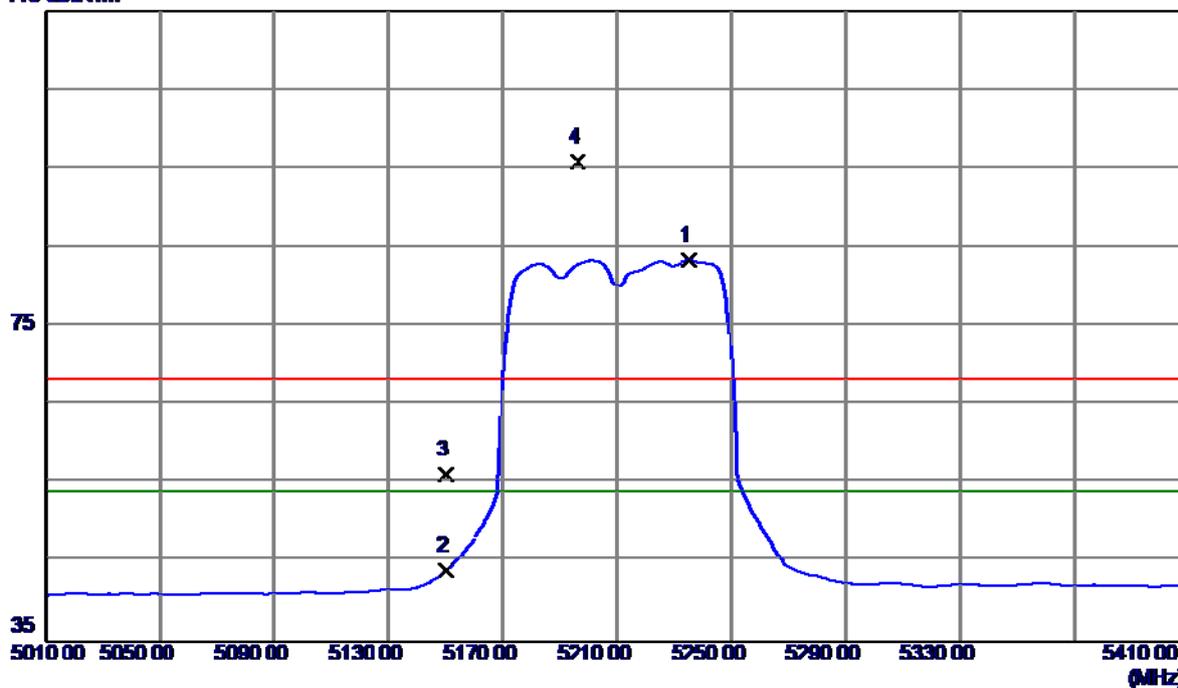


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10460.4920	33.44	13.72	47.16	68.30	-21.14	Peak	
2	10460.4850	23.62	13.72	37.34	54.00	-16.66	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

**Vertical**

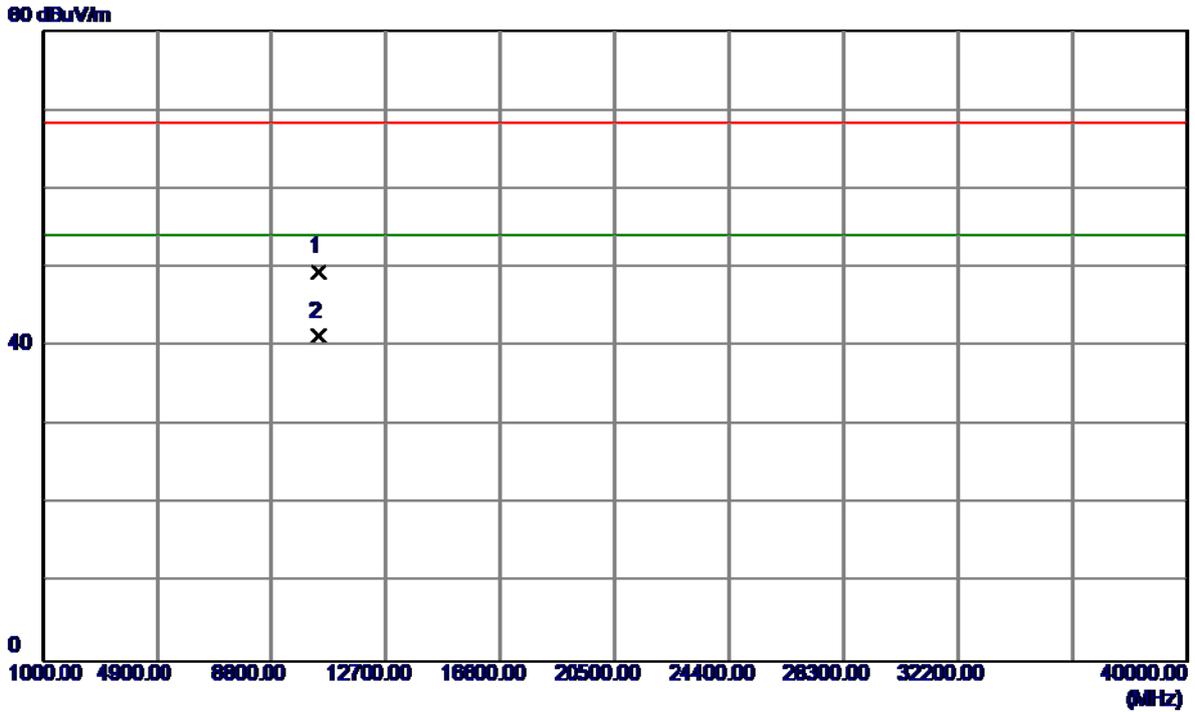
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5235.2000	42.96	40.40	83.36	54.00	29.36	AVG	No Limit
2	5150.0000	3.72	40.22	43.94	54.00	-10.06	AVG	
3	5150.0000	15.91	40.22	56.13	68.30	-12.17	Peak	
4	5196.4000	55.53	40.32	95.85	68.30	27.55	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

**Vertical**

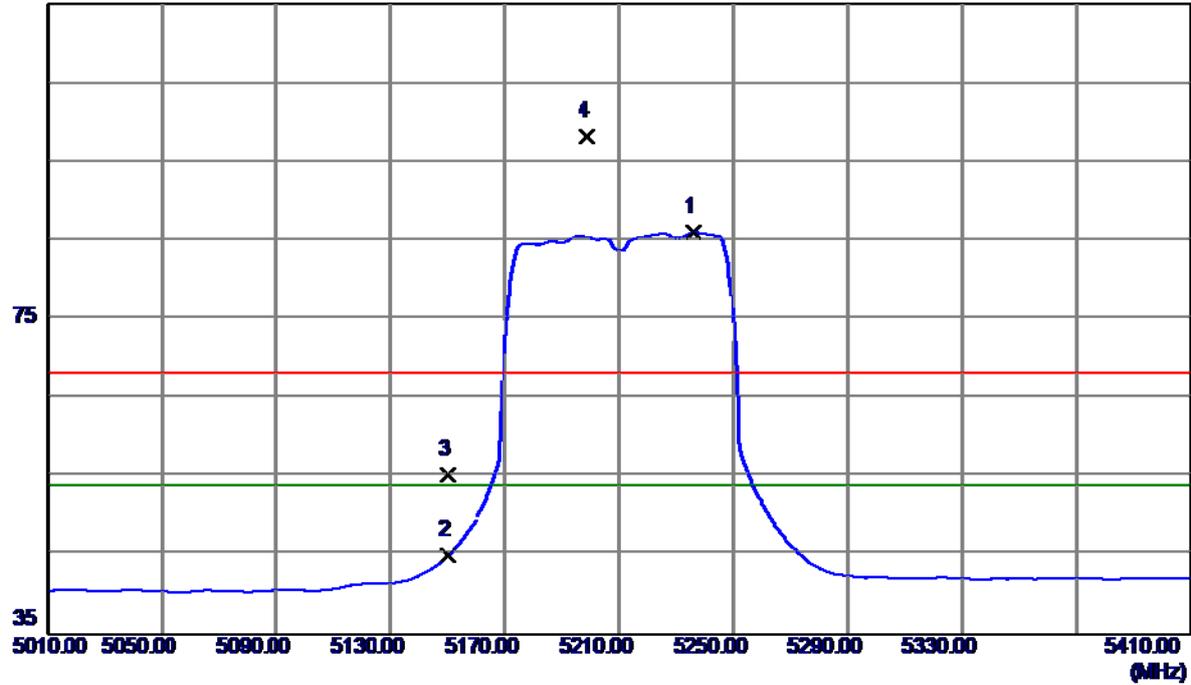


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10422.6860	35.63	13.77	49.40	68.30	-18.90	Peak	
2	10422.2670	27.57	13.77	41.34	54.00	-12.66	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

### Horizontal

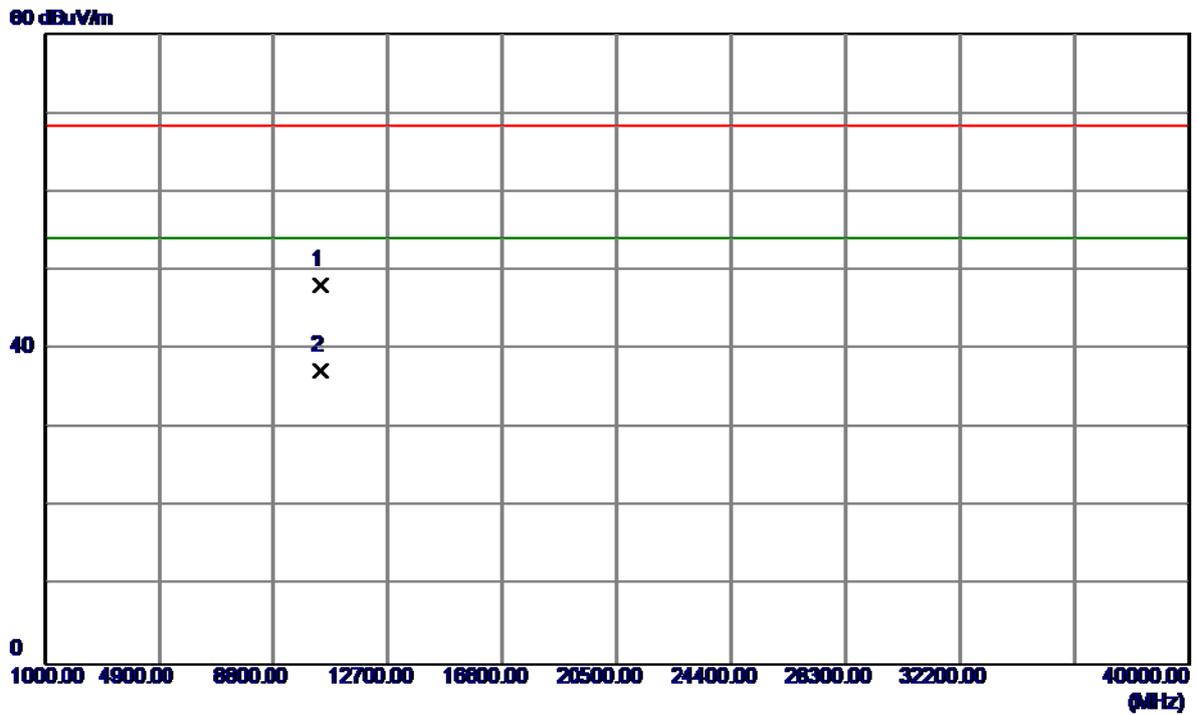
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5236.4000	45.61	40.40	86.01	54.00	32.01	AVG	No Limit
2	5150.0000	4.81	40.22	45.03	54.00	-8.97	AVG	
3	5150.0000	15.06	40.22	55.28	68.30	-13.02	Peak	
4	5198.8000	57.90	40.32	98.22	68.30	29.92	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

### Horizontal

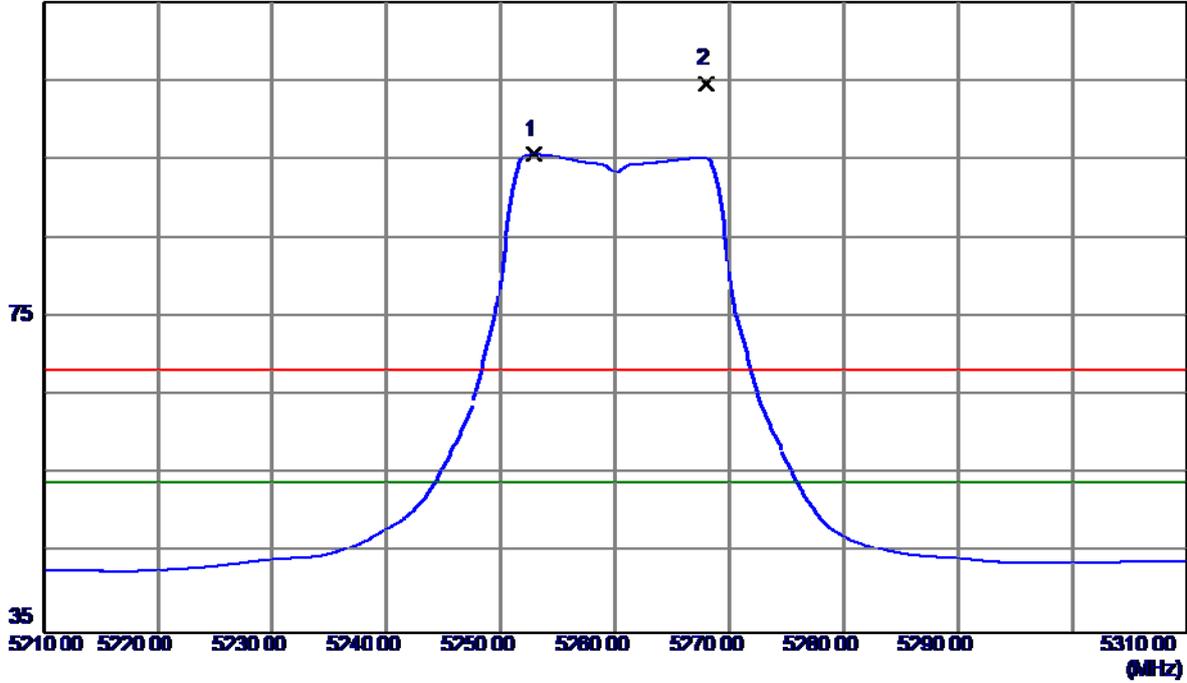


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10421.7539	34.46	13.77	48.23	68.30	-20.07	Peak	
2	10421.7900	23.52	13.77	37.29	54.00	-16.71	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

**Vertical**

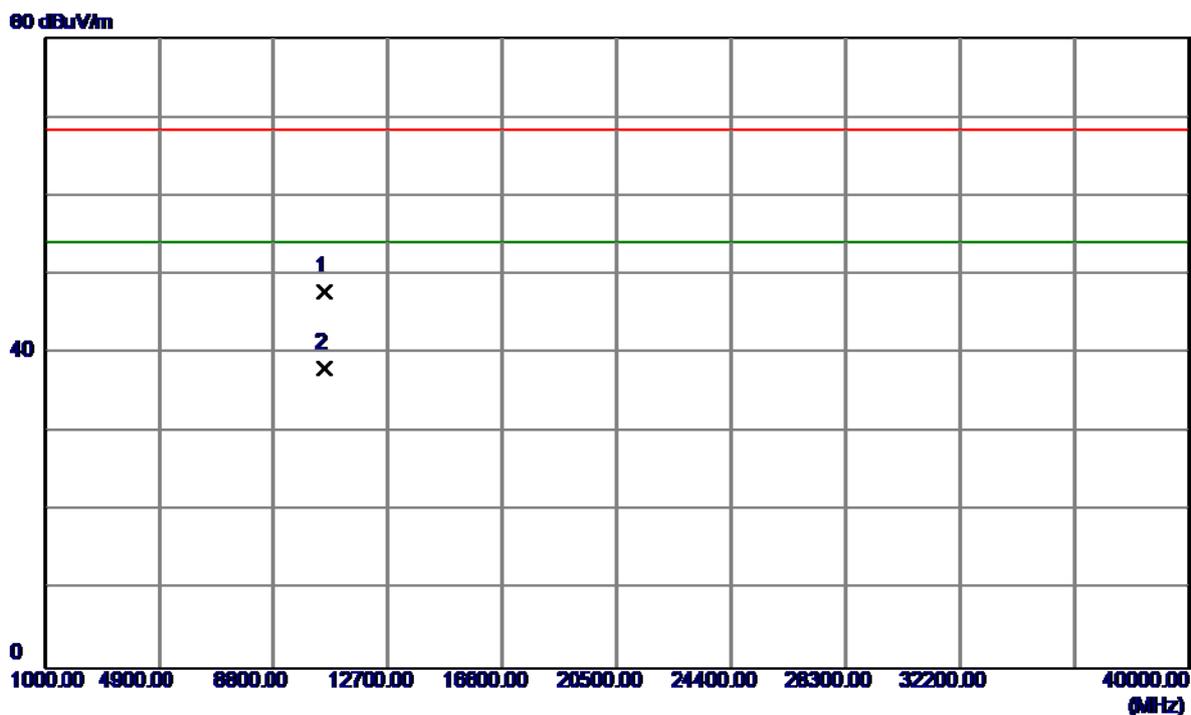
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5252.9000	55.14	40.44	95.58	54.00	41.58	AVG	No Limit
2	5268.0000	64.17	40.47	104.64	68.30	36.34	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

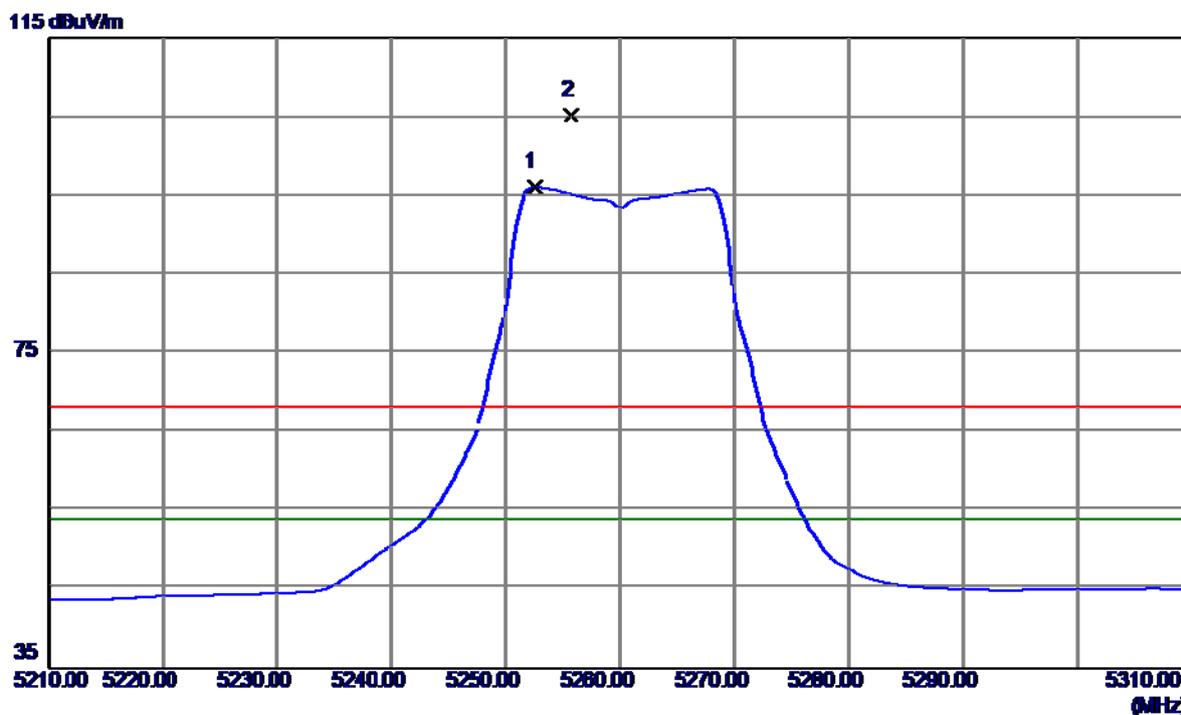
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.3400	34.10	13.75	47.85	68.30	-20.45	Peak	
2	10520.3400	24.37	13.75	38.12	54.00	-15.88	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

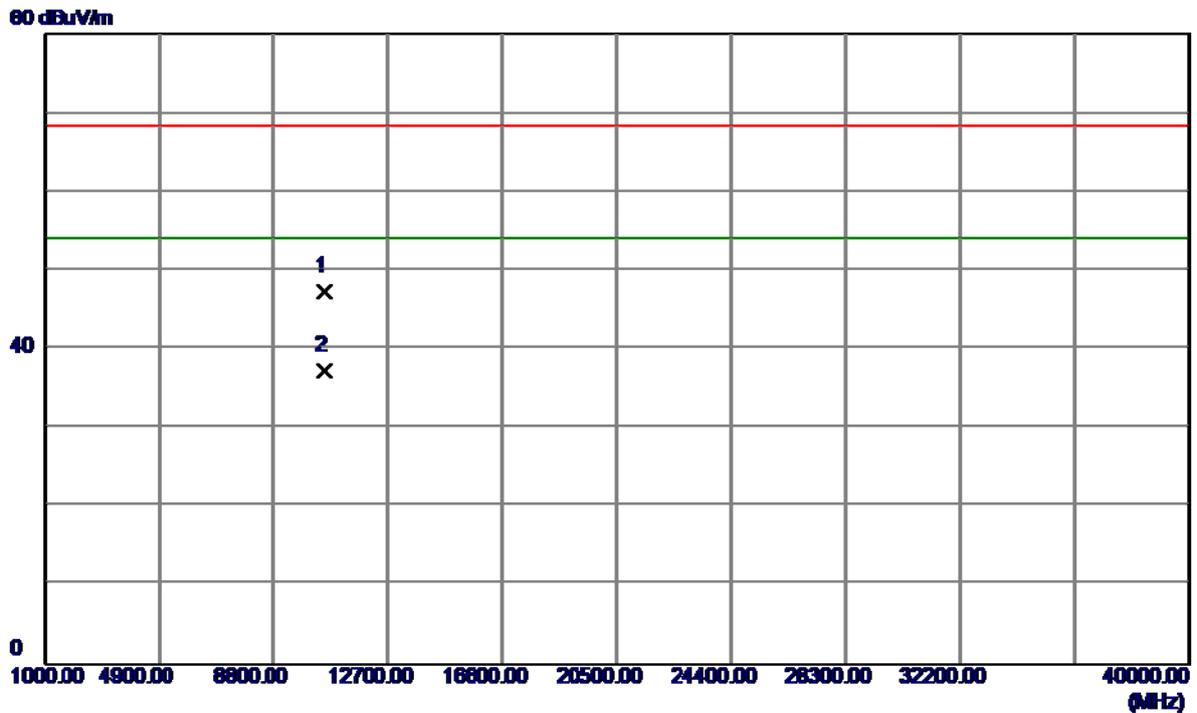
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5252.5000	55.65	40.44	96.09	54.00	42.09	AVG	No Limit
2	5255.7000	64.84	40.44	105.28	68.30	36.98	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

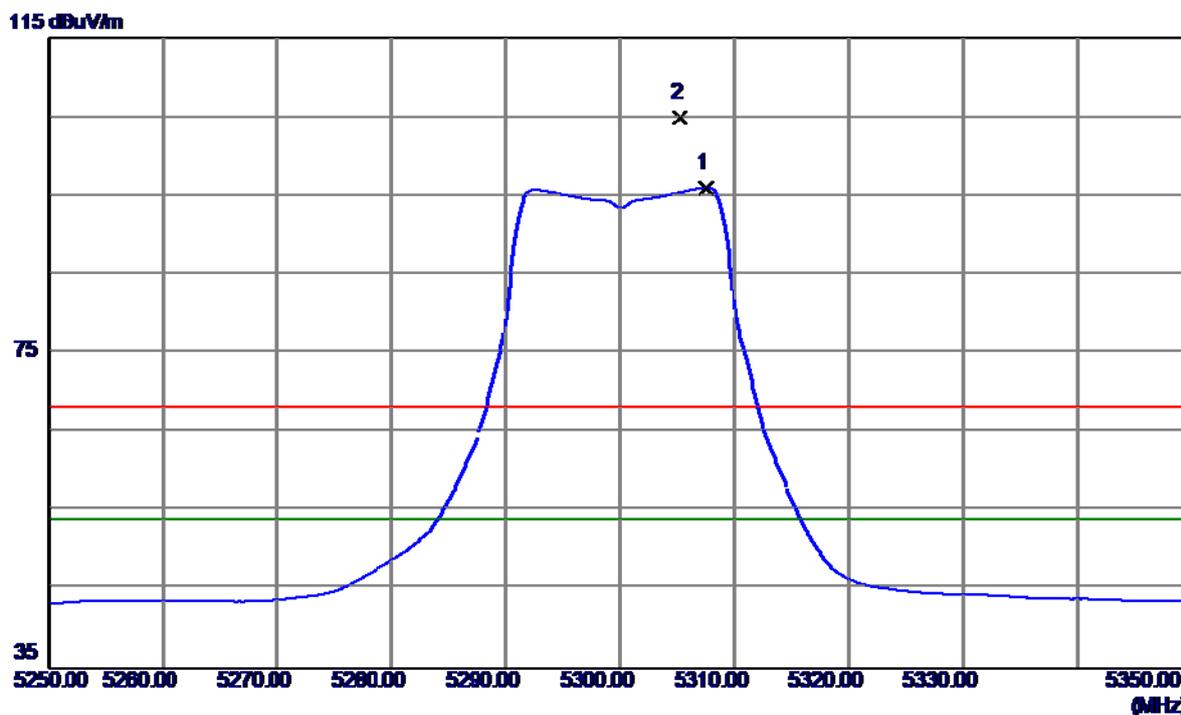
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.6689	33.68	13.75	47.43	68.30	-20.87	Peak	
2	10520.5500	23.53	13.75	37.28	54.00	-16.72	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

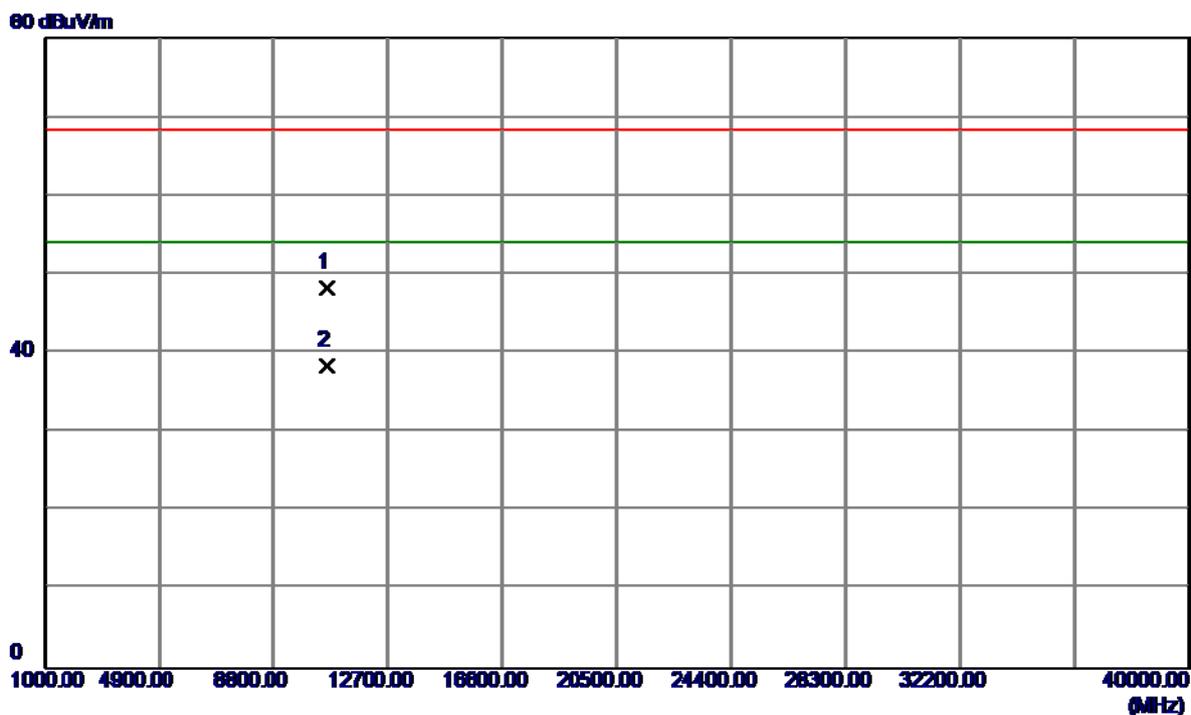
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5307.6000	55.44	40.55	95.99	54.00	41.99	AVG	No Limit
2	5305.2000	64.31	40.55	104.86	68.30	36.56	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

### Vertical

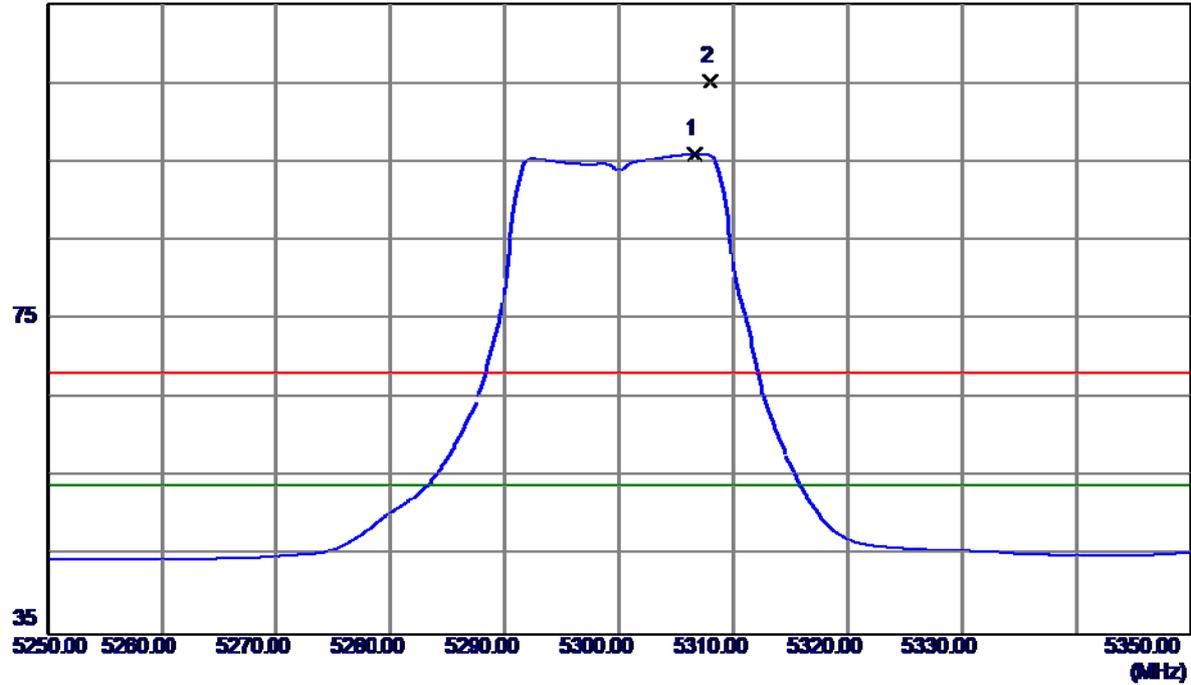


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.3339	34.25	14.08	48.33	68.30	-19.97	Peak	
2	10600.1710	24.37	14.08	38.45	54.00	-15.55	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

### Horizontal

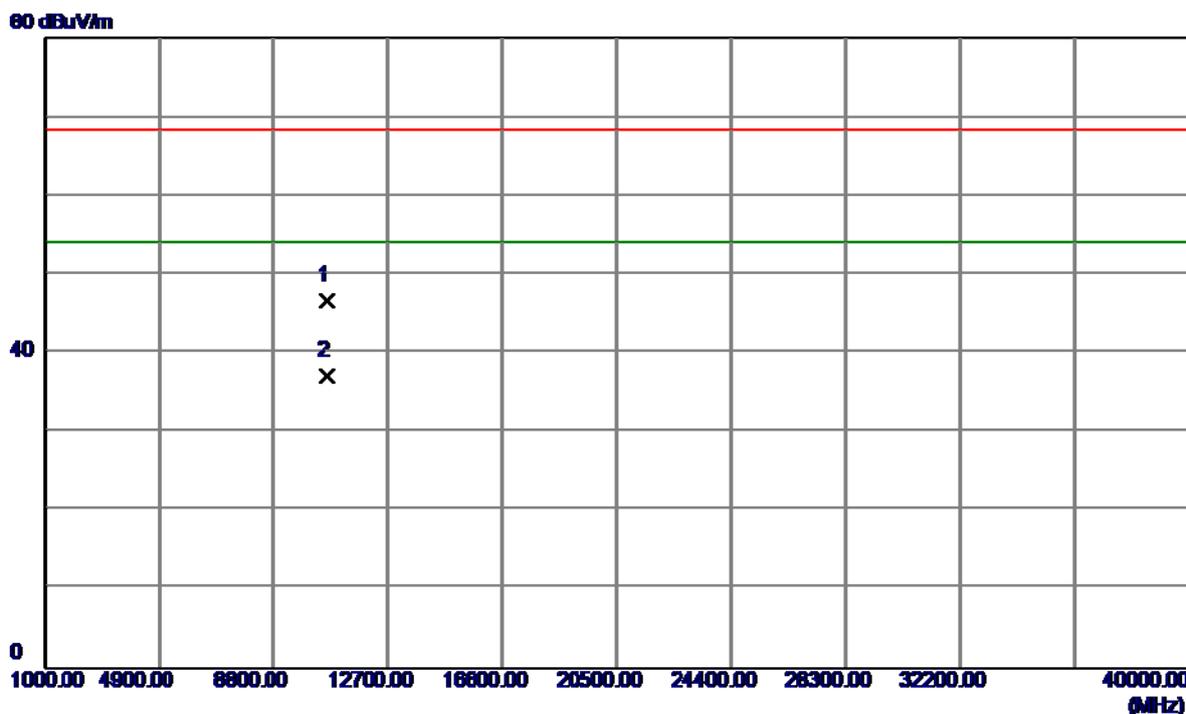
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5306.7000	55.44	40.55	95.99	54.00	41.99	AVG	No Limit
2	5308.0000	64.68	40.55	105.23	68.30	36.93	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

### Horizontal

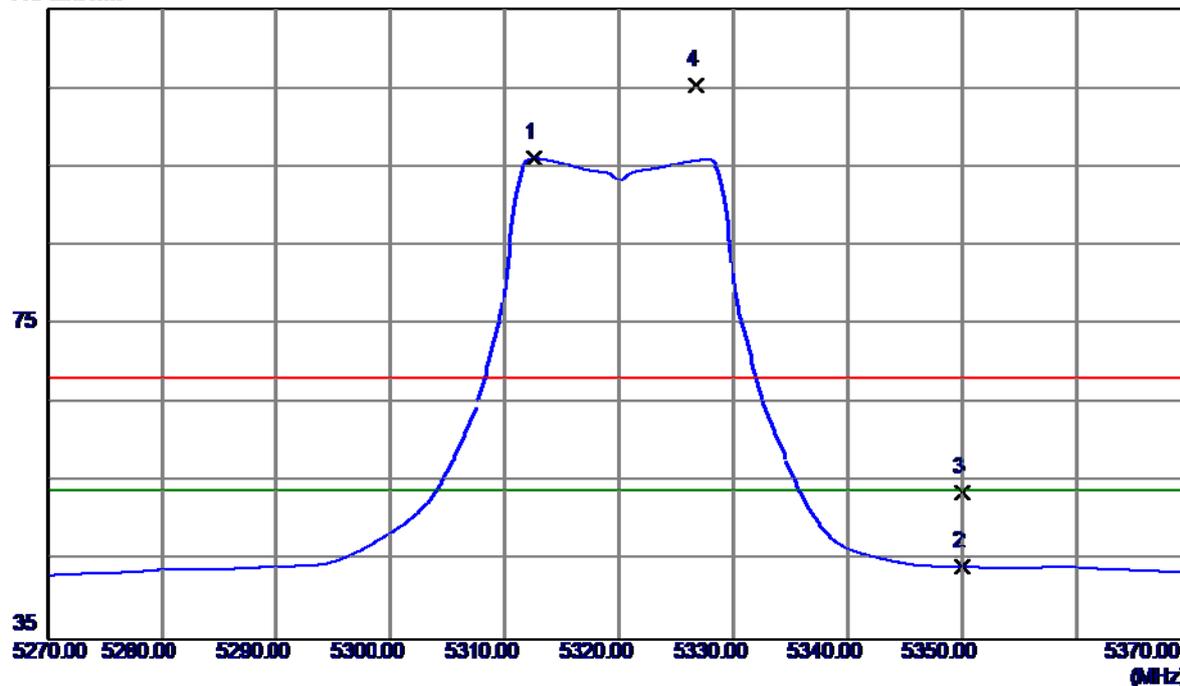


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.3700	32.66	14.08	46.74	68.30	-21.56	Peak	
2	10600.6730	23.12	14.08	37.20	54.00	-16.80	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

**Vertical**

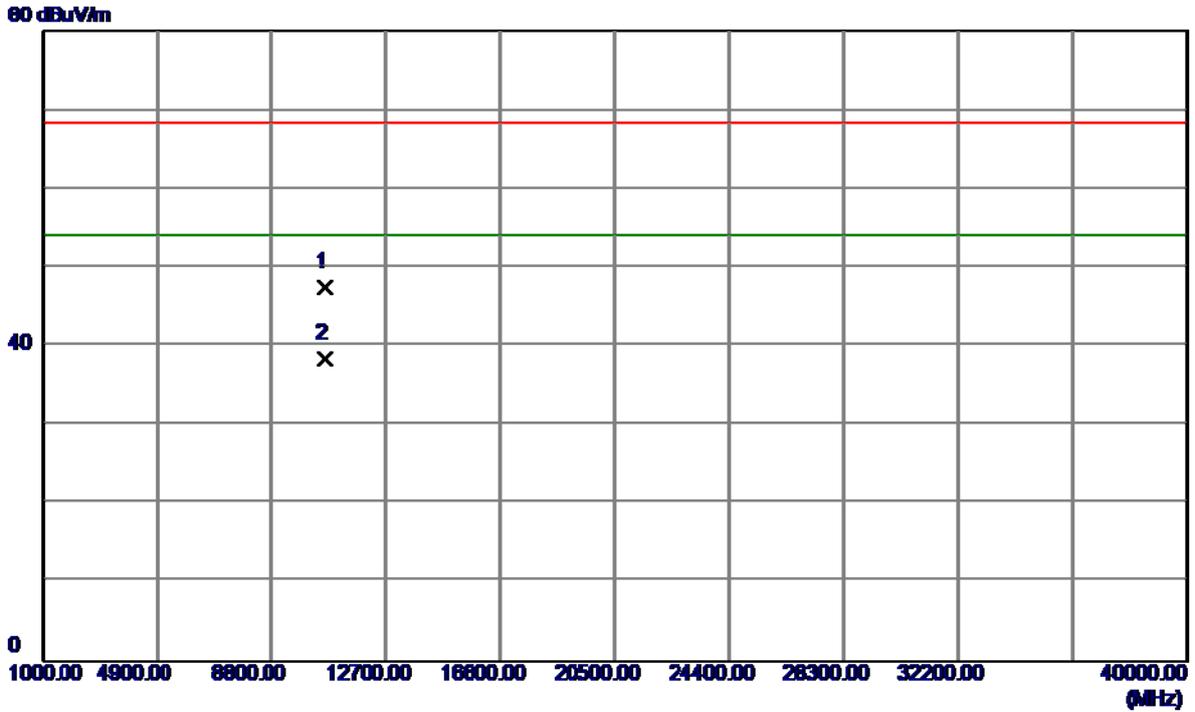
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.6000	55.51	40.56	96.07	54.00	42.07	AVG	No Limit
2	5350.0000	3.61	40.64	44.25	54.00	-9.75	AVG	
3	5350.0000	13.09	40.64	53.73	68.30	-14.57	Peak	
4	5326.8000	64.78	40.59	105.37	68.30	37.07	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

**Vertical**

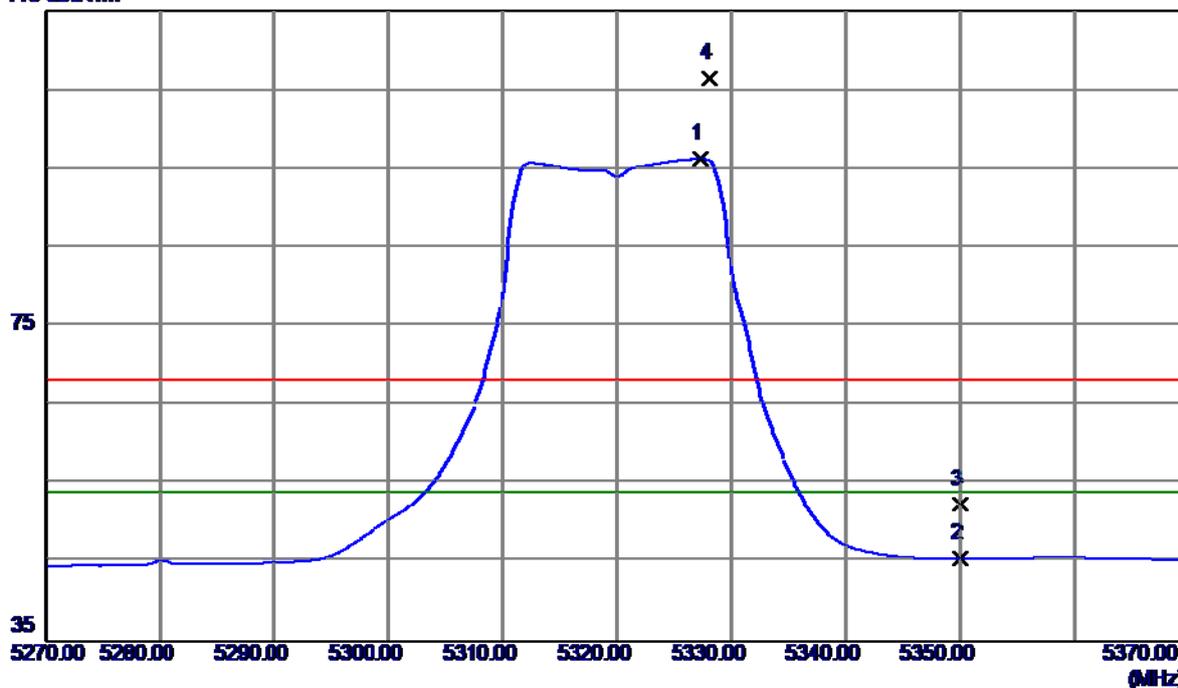


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.2800	33.31	14.25	47.56	68.30	-20.74	Peak	
2	10640.2800	24.09	14.25	38.34	54.00	-15.66	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

### Horizontal

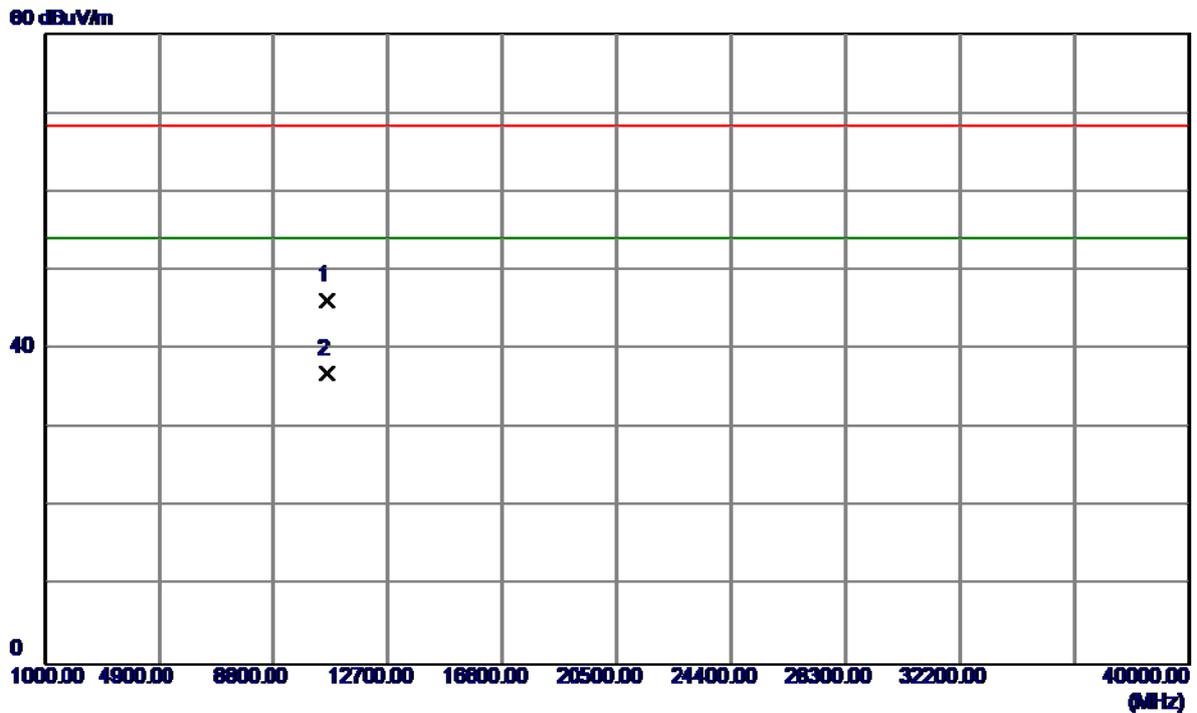
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5327.3000	55.66	40.59	96.25	54.00	42.25	AVG	No Limit
2	5350.0000	4.99	40.64	45.63	54.00	-8.37	AVG	
3	5350.0000	11.83	40.64	52.47	68.30	-15.83	Peak	
4	5328.1000	65.88	40.60	106.48	68.30	38.18	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

### Horizontal

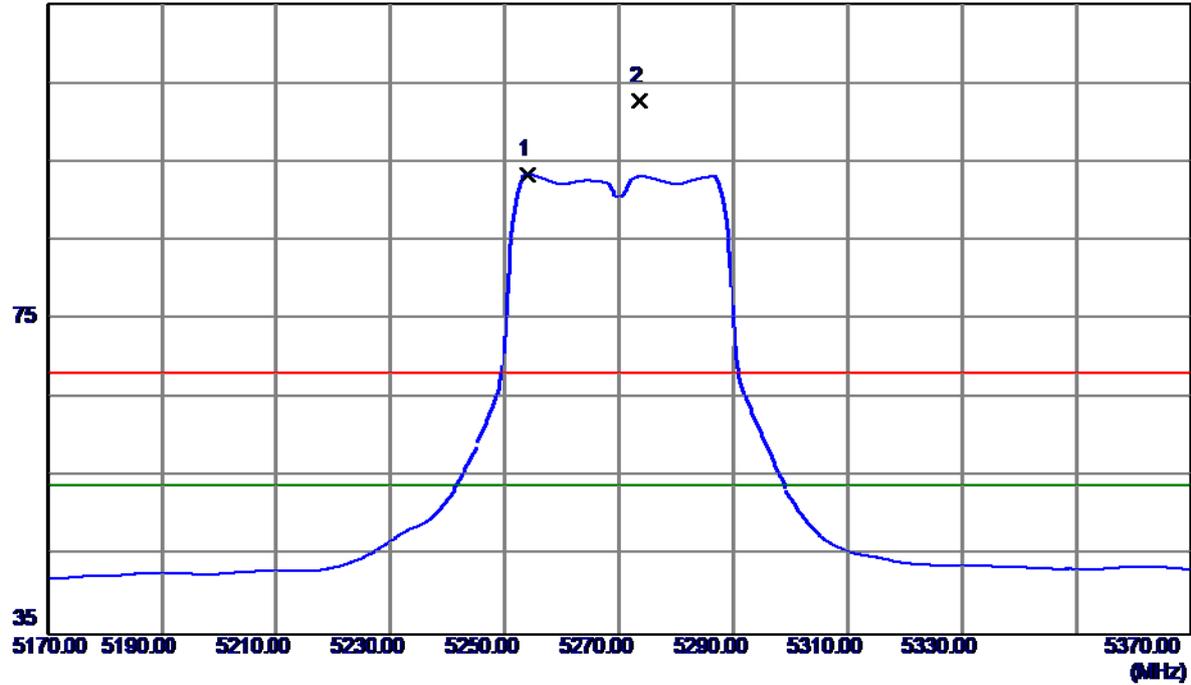


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.1140	32.02	14.25	46.27	68.30	-22.03	Peak	
2	10640.5880	22.63	14.25	36.88	54.00	-17.12	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

**Vertical**

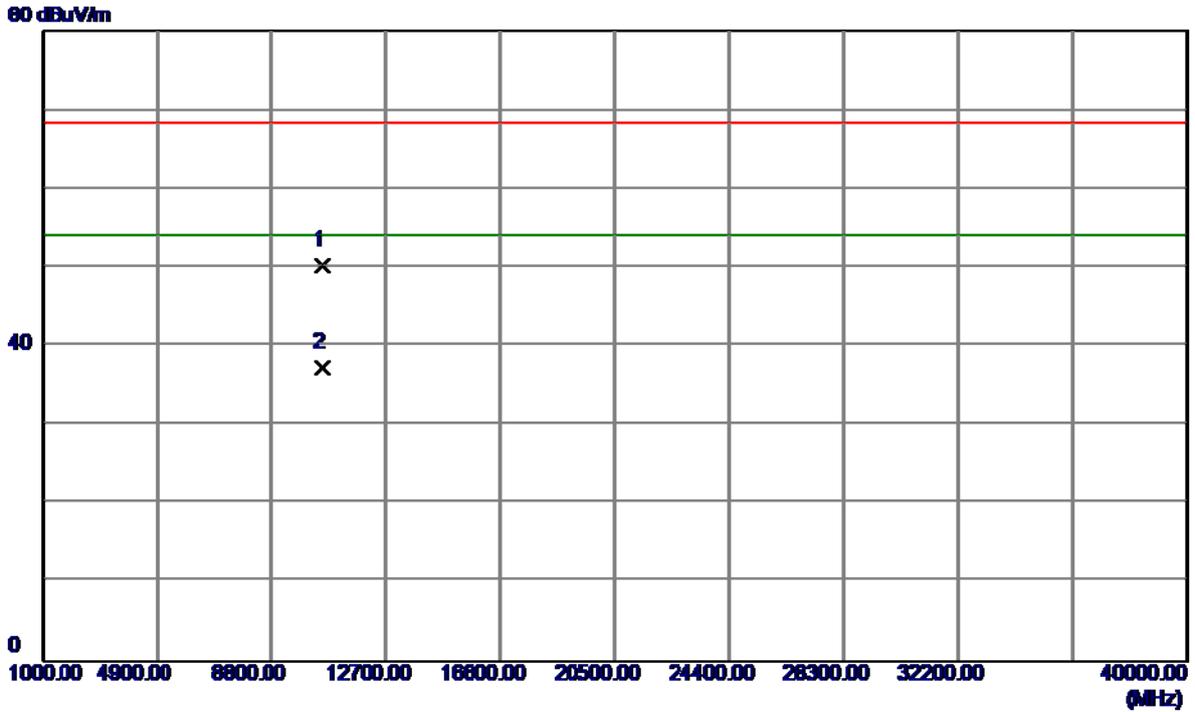
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5254.0000	53.03	40.44	93.47	54.00	39.47	AVG	No Limit
2	5273.6000	62.27	40.48	102.75	68.30	34.45	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

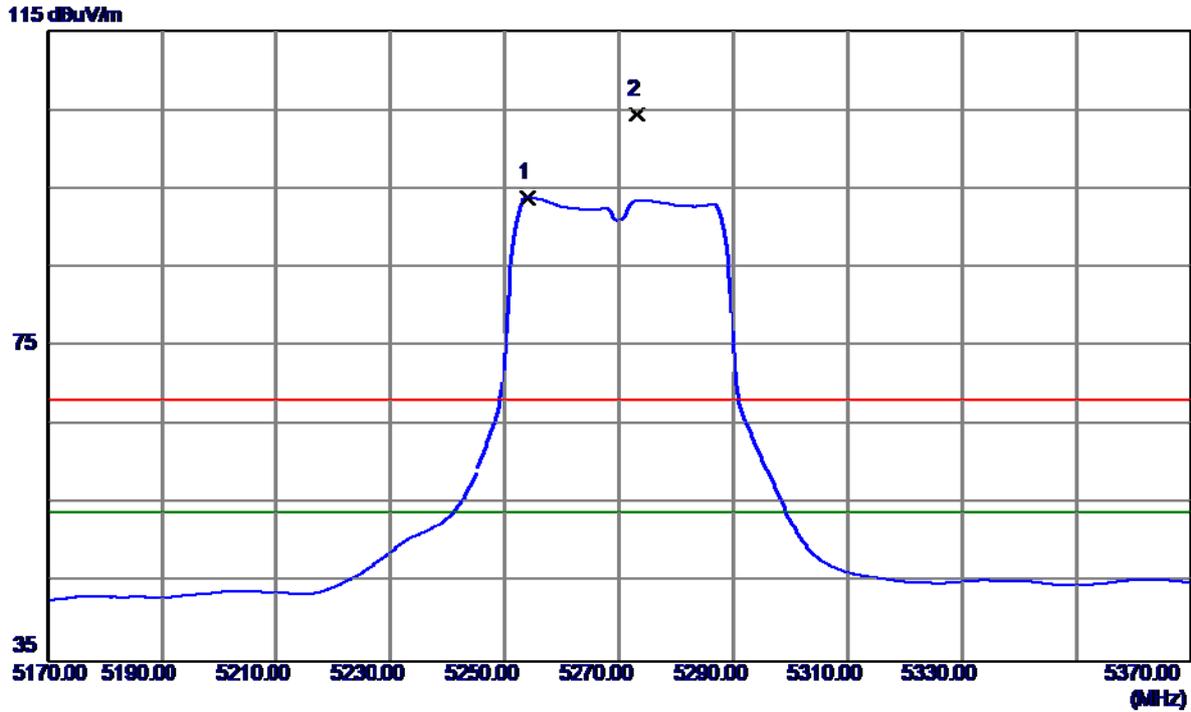
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10540.2570	36.46	13.83	50.29	68.30	-18.01	Peak	
2	10540.6550	23.47	13.83	37.30	54.00	-16.70	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

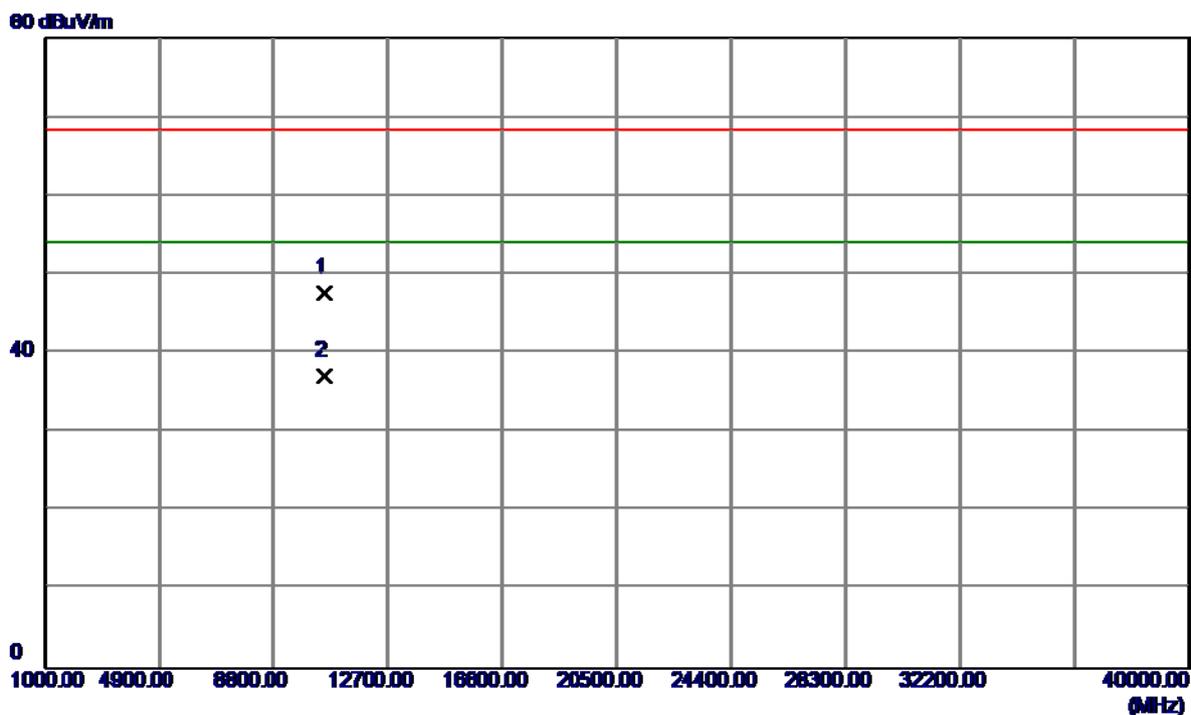
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5254.0000	53.52	40.44	93.96	54.00	39.96	AVG	No Limit
2	5273.2000	63.90	40.48	104.38	68.30	36.08	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5270MHz

### Horizontal

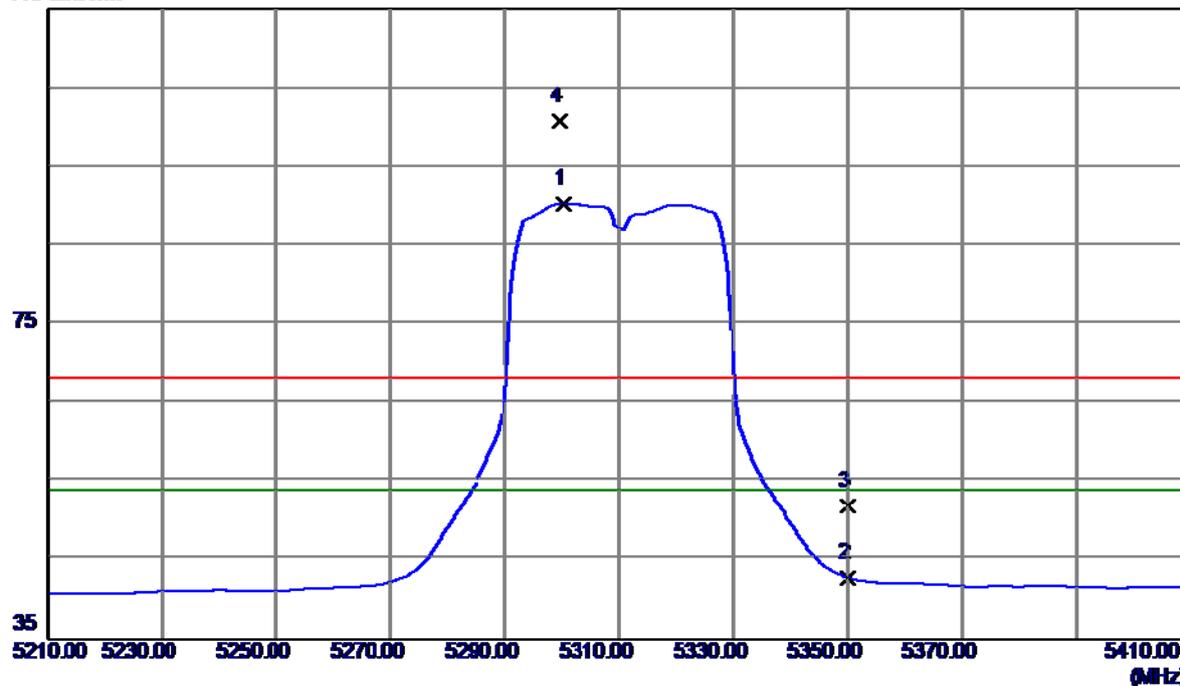


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10540.8700	33.85	13.84	47.69	68.30	-20.61	Peak	
2	10540.8700	23.28	13.84	37.12	54.00	-16.88	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

**Vertical**

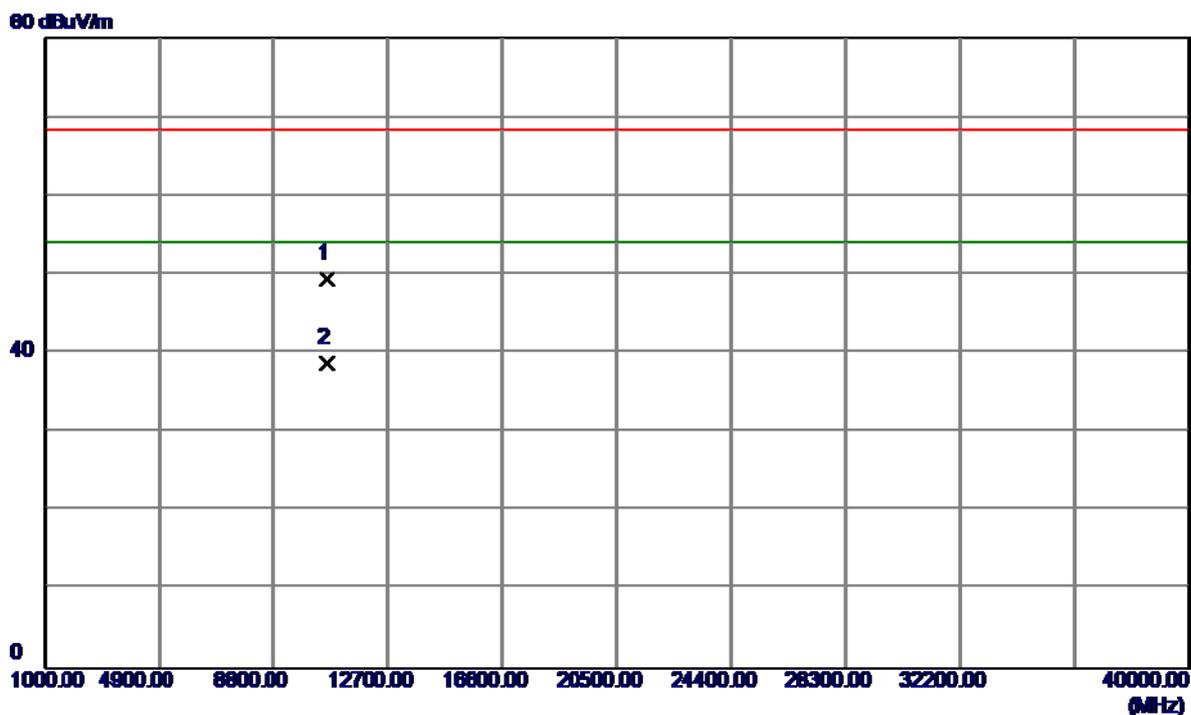
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5300.2000	49.74	40.54	90.28	54.00	36.28	AVG	No Limit
2	5350.0000	2.24	40.64	42.88	54.00	-11.12	AVG	
3	5350.0000	11.32	40.64	51.96	68.30	-16.34	Peak	
4	5299.6000	60.23	40.54	100.77	68.30	32.47	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

**Vertical**

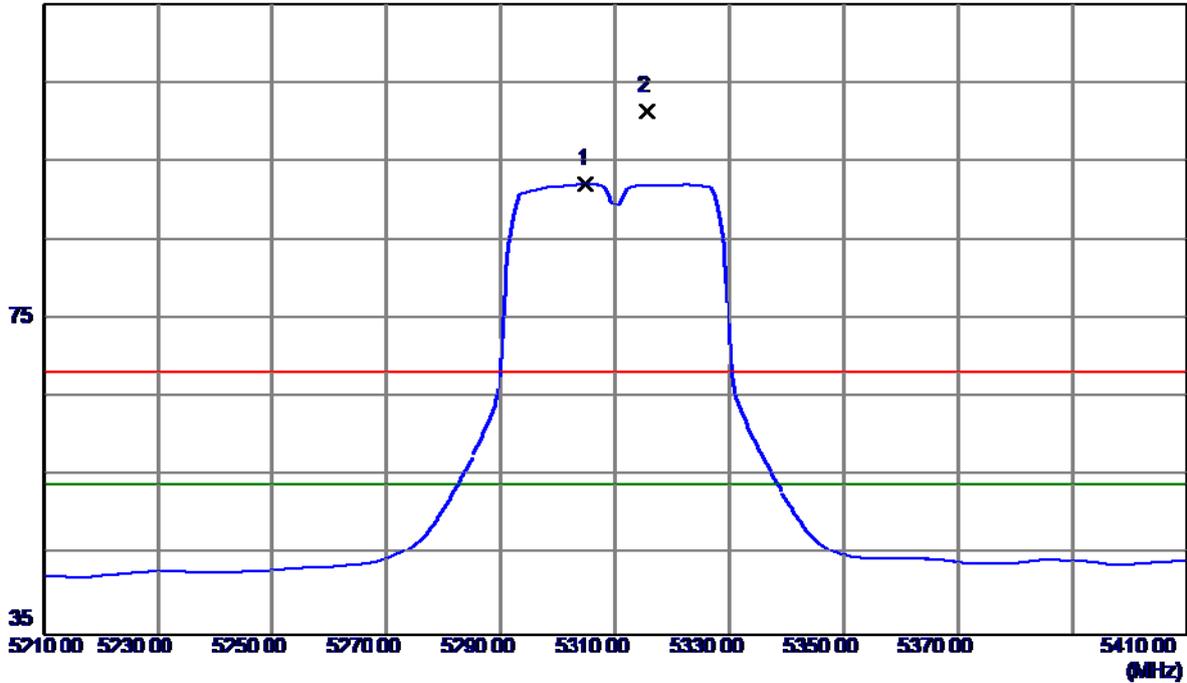


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10620.3780	35.21	14.17	49.38	68.30	-18.92	Peak	
2	10620.2500	24.49	14.17	38.66	54.00	-15.34	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

### Horizontal

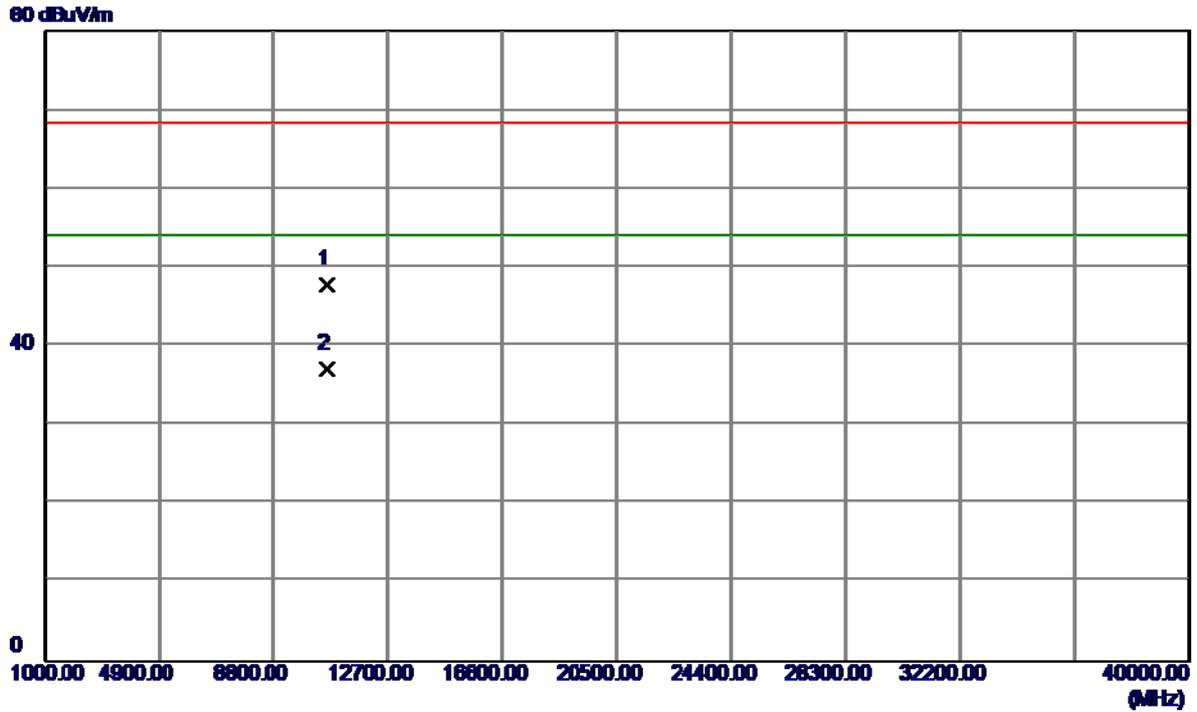
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5305.0000	51.56	40.55	92.11	54.00	38.11	AVG	No Limit
2	5315.6000	60.82	40.57	101.39	68.30	33.09	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC40 Mode 5310MHz

### Horizontal

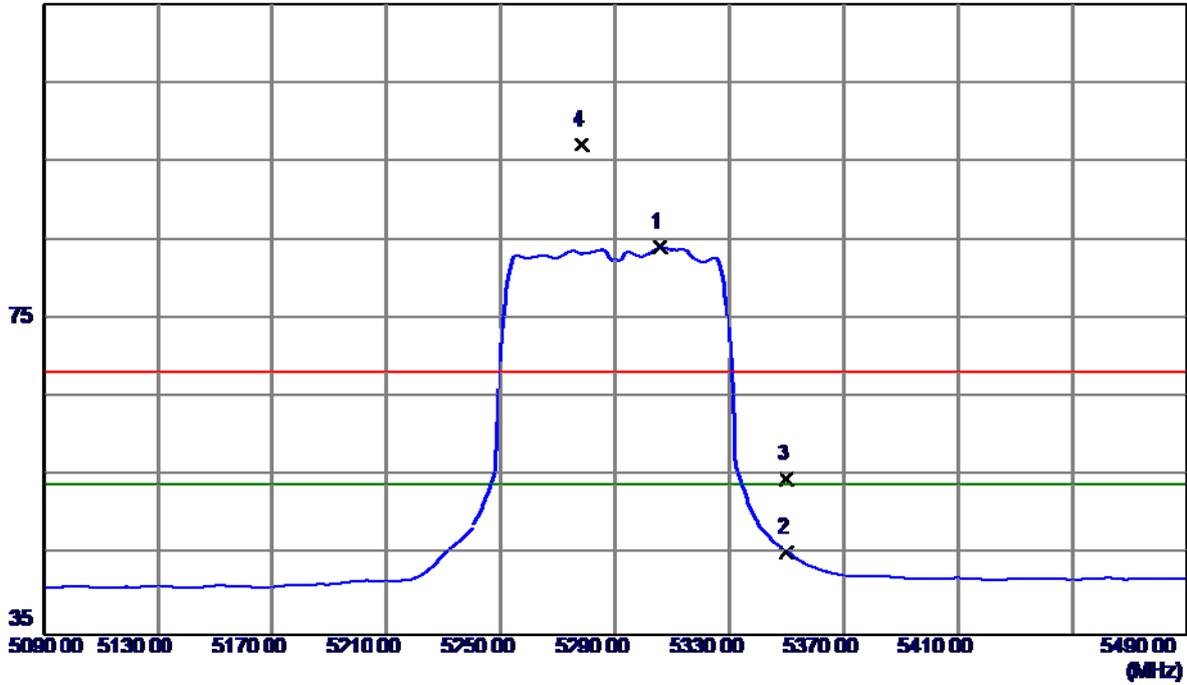


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10620.3700	33.69	14.17	47.86	68.30	-20.44	Peak	
2	10620.3700	22.99	14.17	37.16	54.00	-16.84	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

**Vertical**

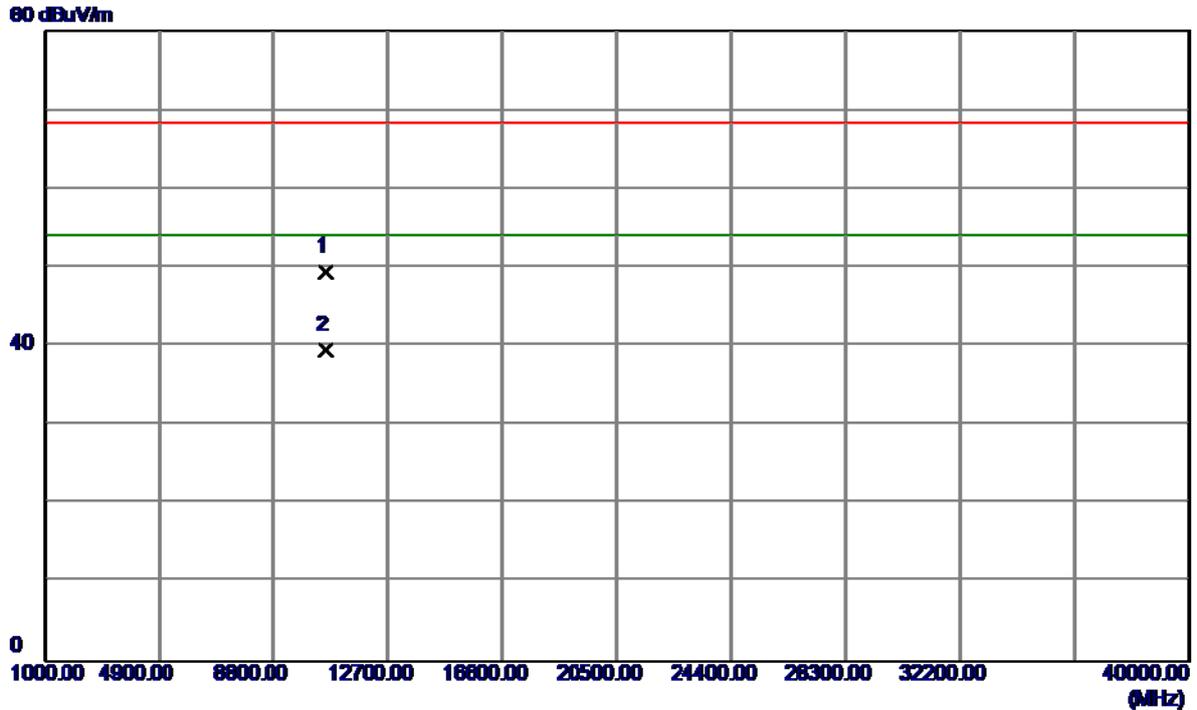
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5305.6000	43.49	40.55	84.04	54.00	30.04	AVG	No Limit
2	5350.0000	4.81	40.64	45.45	54.00	-8.55	AVG	
3	5350.0000	14.04	40.64	54.68	68.30	-13.62	Peak	
4	5278.4000	56.60	40.49	97.09	68.30	28.79	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

**Vertical**

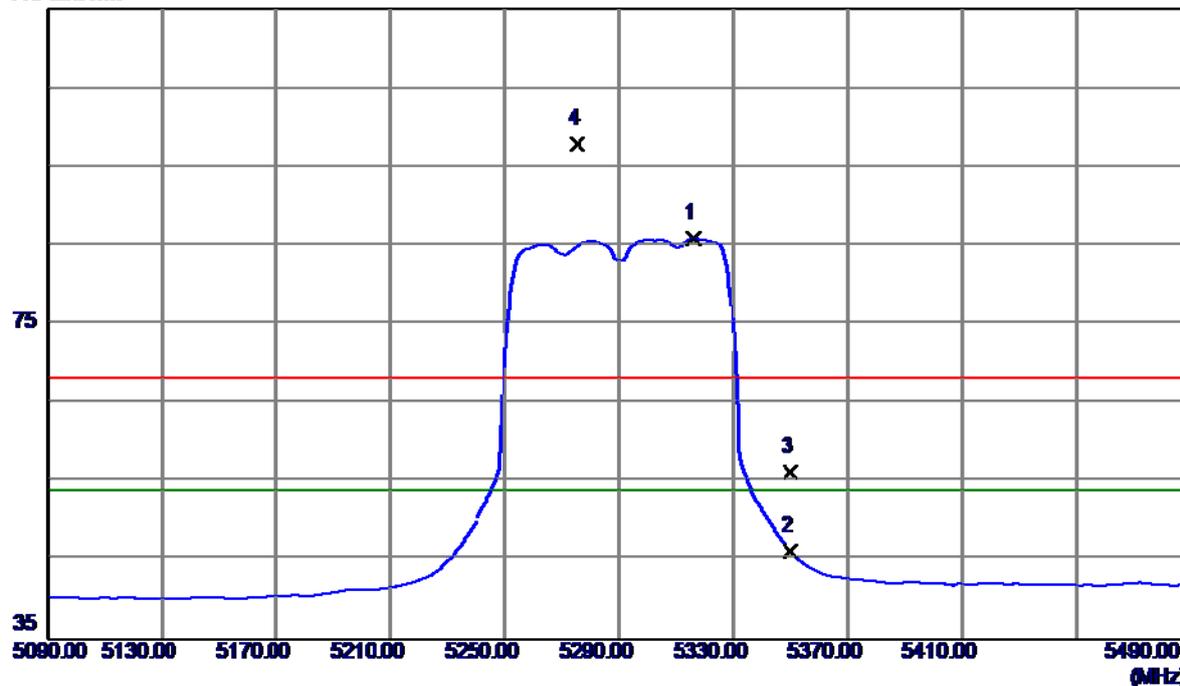


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10581.5199	35.48	14.00	49.48	68.30	-18.82	Peak	
2	10581.4580	25.58	14.00	39.58	54.00	-14.42	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

### Horizontal

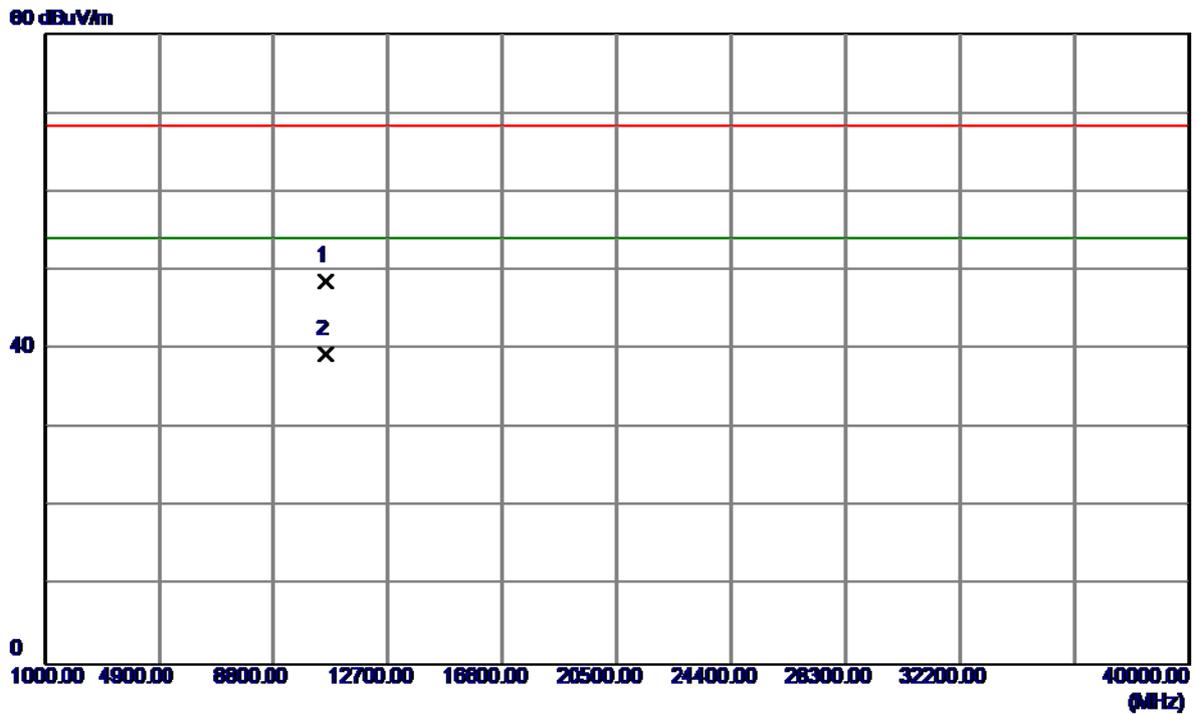
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5316.4000	45.32	40.57	85.89	54.00	31.89	AVG	No Limit
2	5350.0000	5.59	40.64	46.23	54.00	-7.77	AVG	
3	5350.0000	15.61	40.64	56.25	68.30	-12.05	Peak	
4	5275.2000	57.46	40.48	97.94	68.30	29.64	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC80 Mode 5290MHz

### Horizontal

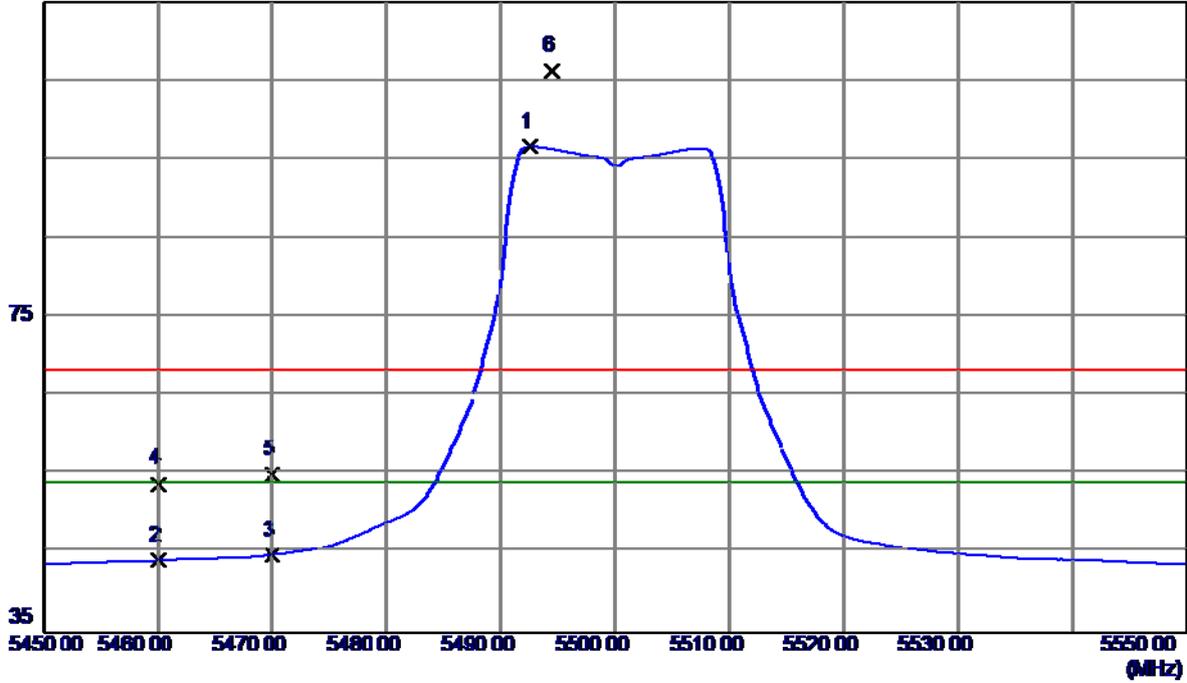


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10580.3930	34.57	14.00	48.57	68.30	-19.73	Peak	
2	10580.7230	25.35	14.00	39.35	54.00	-14.65	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

**Vertical**

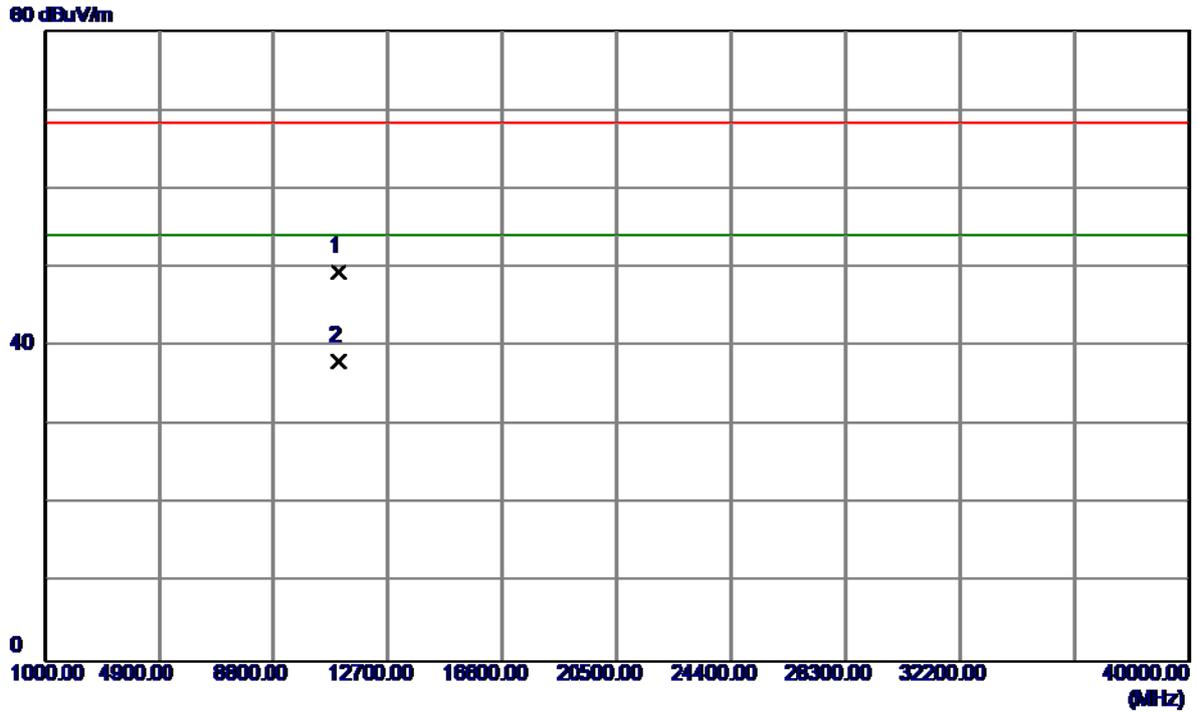
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5492.6000	55.63	40.94	96.57	54.00	42.57	AVG	No Limit
2	5460.0000	3.17	40.88	44.05	54.00	-9.95	AVG	
3	5470.0000	3.92	40.90	44.82	54.00	-9.18	AVG	
4	5460.0000	12.92	40.88	53.80	68.30	-14.50	Peak	
5	5470.0000	14.13	40.90	55.03	68.30	-13.27	Peak	
6	5494.4000	65.27	40.95	106.22	68.30	37.92	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

**Vertical**

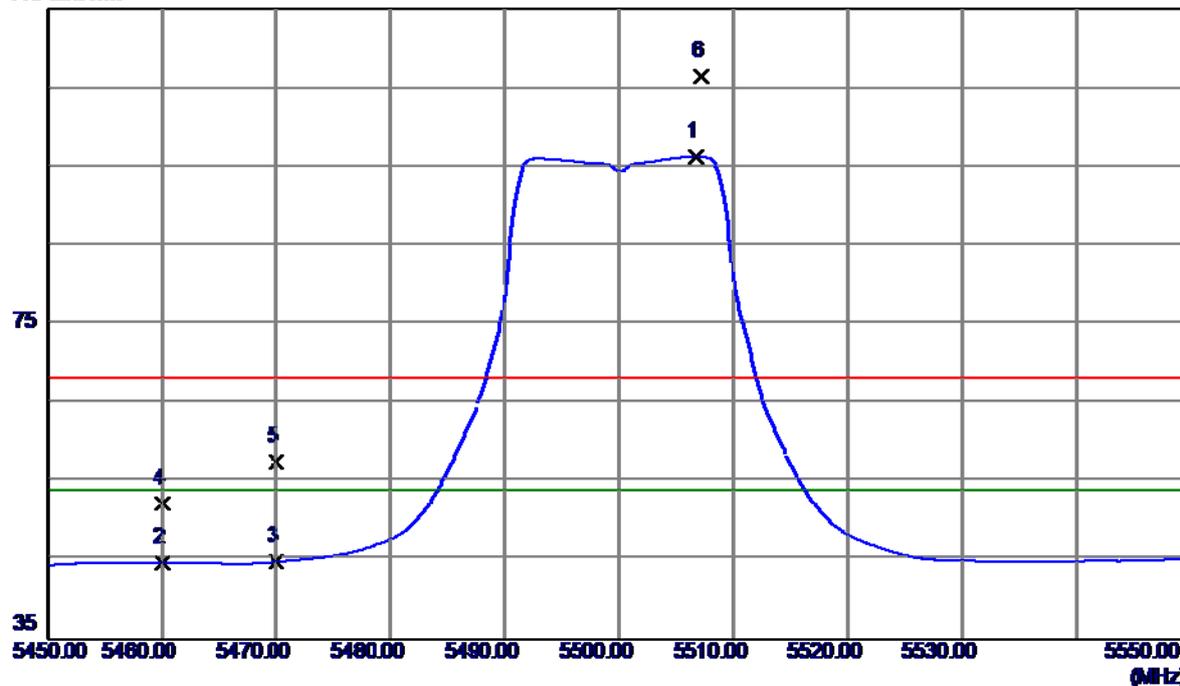


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.6700	33.65	15.75	49.40	68.30	-18.90	Peak	
2	11000.6200	22.36	15.75	38.11	54.00	-15.89	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

### Horizontal

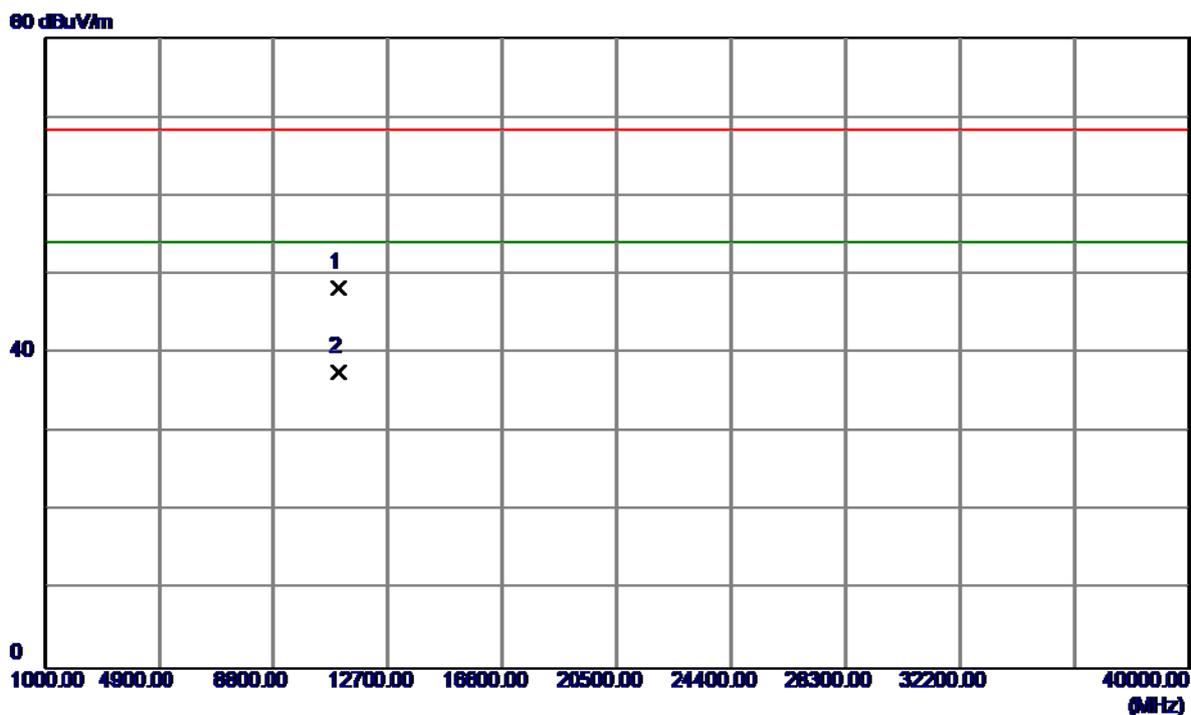
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5506.8000	55.32	40.97	96.29	54.00	42.29	AVG	No Limit
2	5460.0000	3.86	40.88	44.74	54.00	-9.26	AVG	
3	5470.0000	3.98	40.90	44.88	54.00	-9.12	AVG	
4	5460.0000	11.39	40.88	52.27	68.30	-16.03	Peak	
5	5470.0000	16.63	40.90	57.53	68.30	-10.77	Peak	
6	5507.2000	65.50	40.97	106.47	68.30	38.17	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

### Horizontal

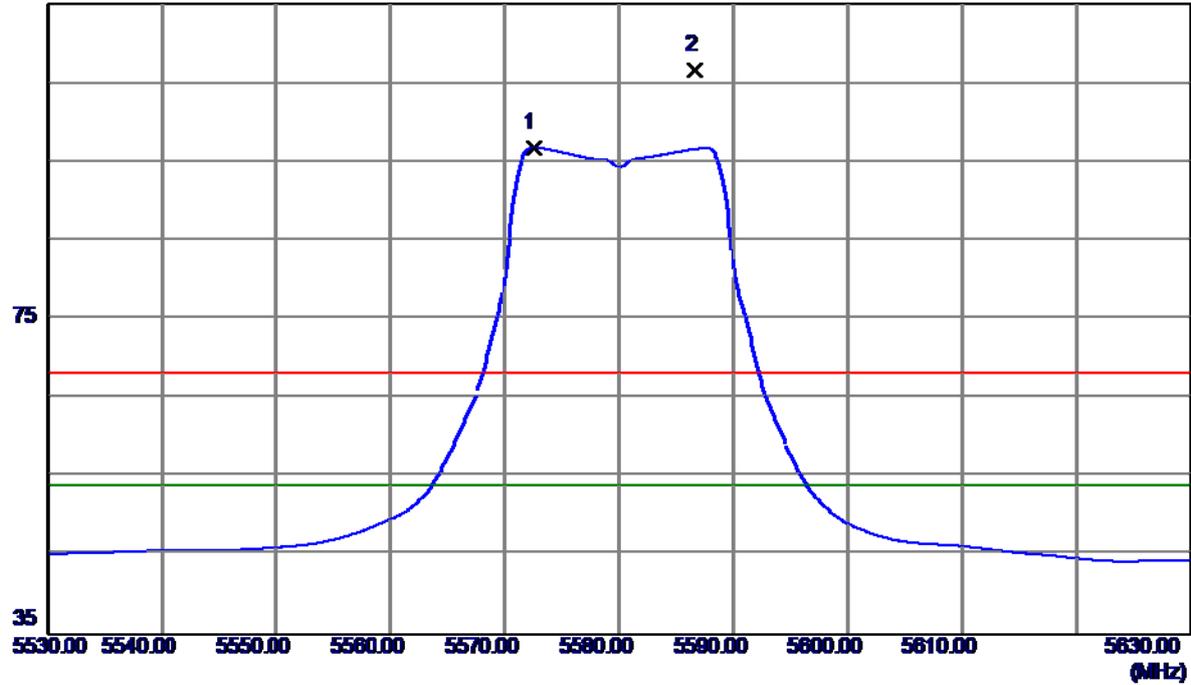


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.3789	32.55	15.75	48.30	68.30	-20.00	Peak	
2	11000.5490	21.79	15.75	37.54	54.00	-16.46	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

**Vertical**

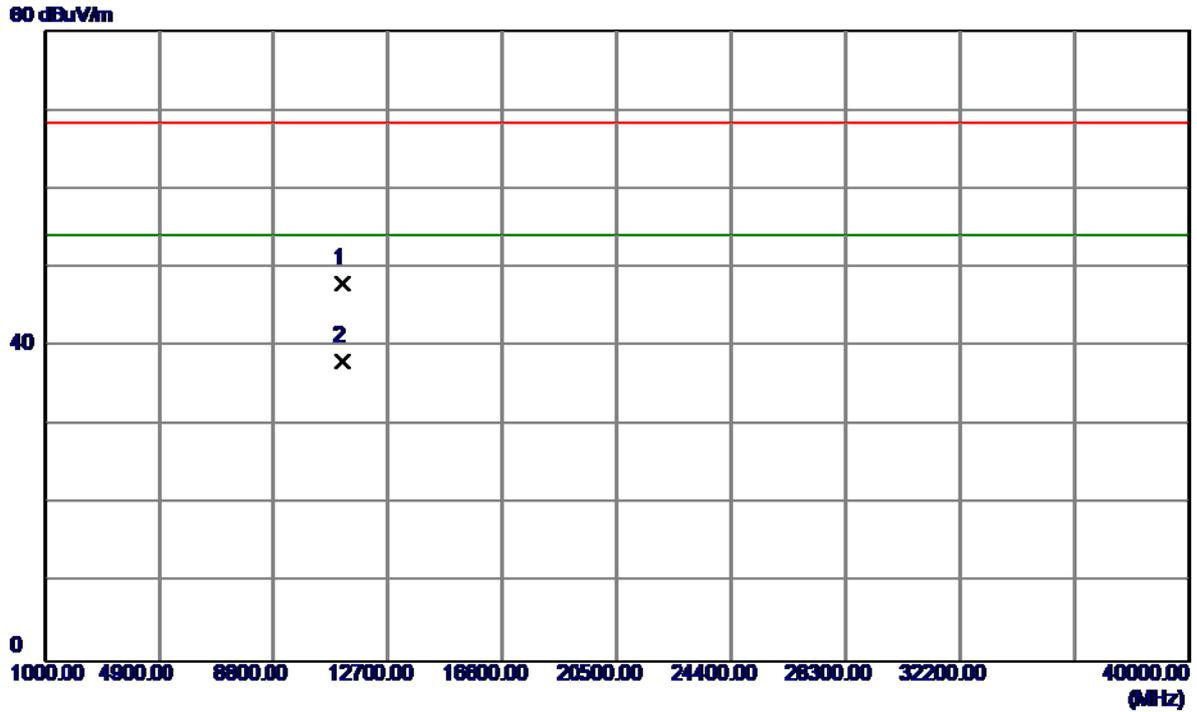
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.5000	55.73	41.06	96.79	54.00	42.79	AVG	No Limit
2	5586.7000	65.55	41.08	106.63	68.30	38.33	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

**Vertical**

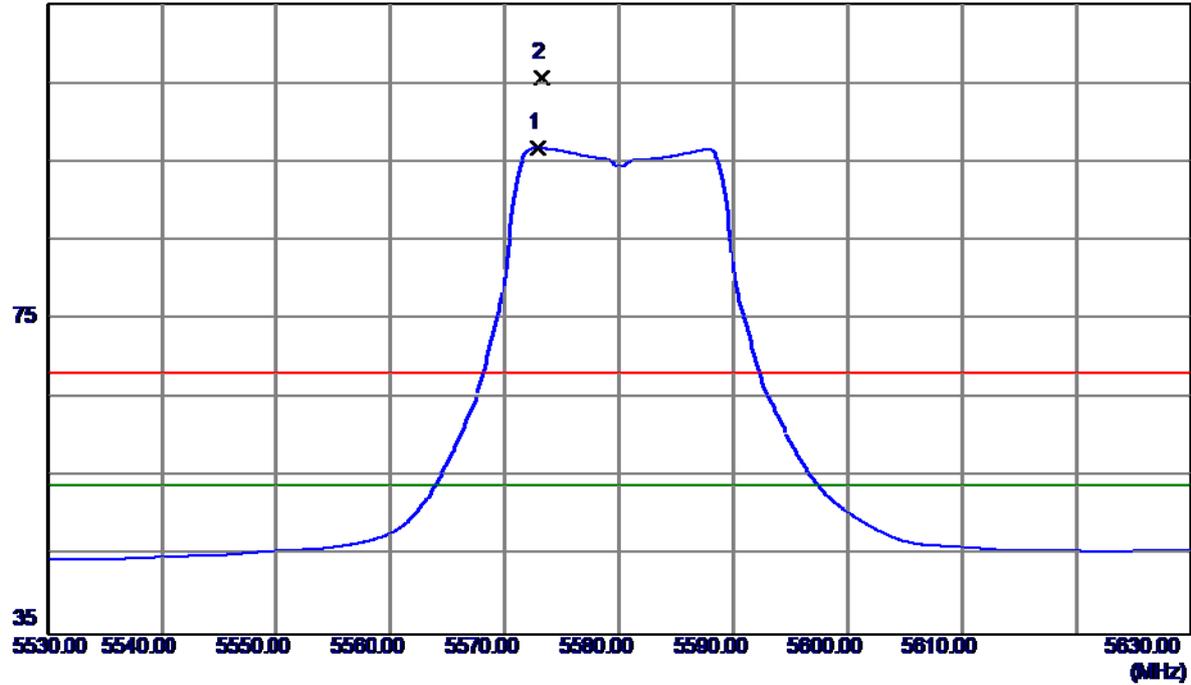


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.7100	31.89	16.13	48.02	68.30	-20.28	Peak	
2	11160.7100	21.88	16.13	38.01	54.00	-15.99	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

### Horizontal

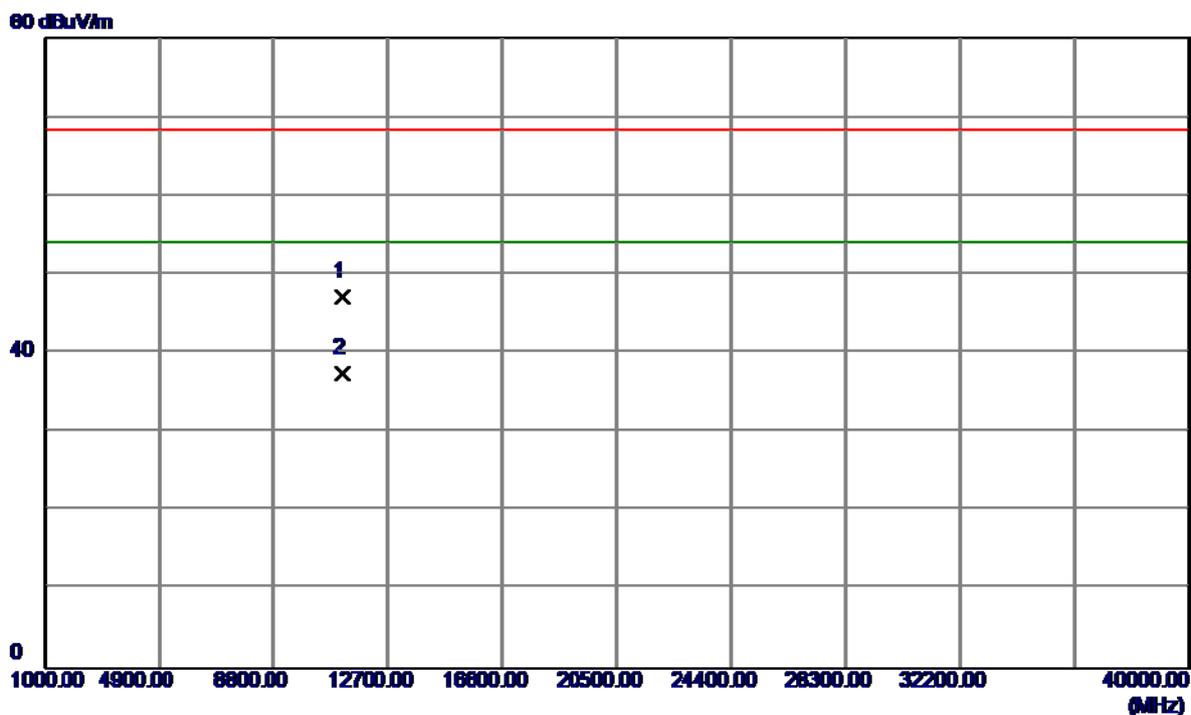
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.9000	55.69	41.06	96.75	54.00	42.75	AVG	No Limit
2	5573.2000	64.70	41.06	105.76	68.30	37.46	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

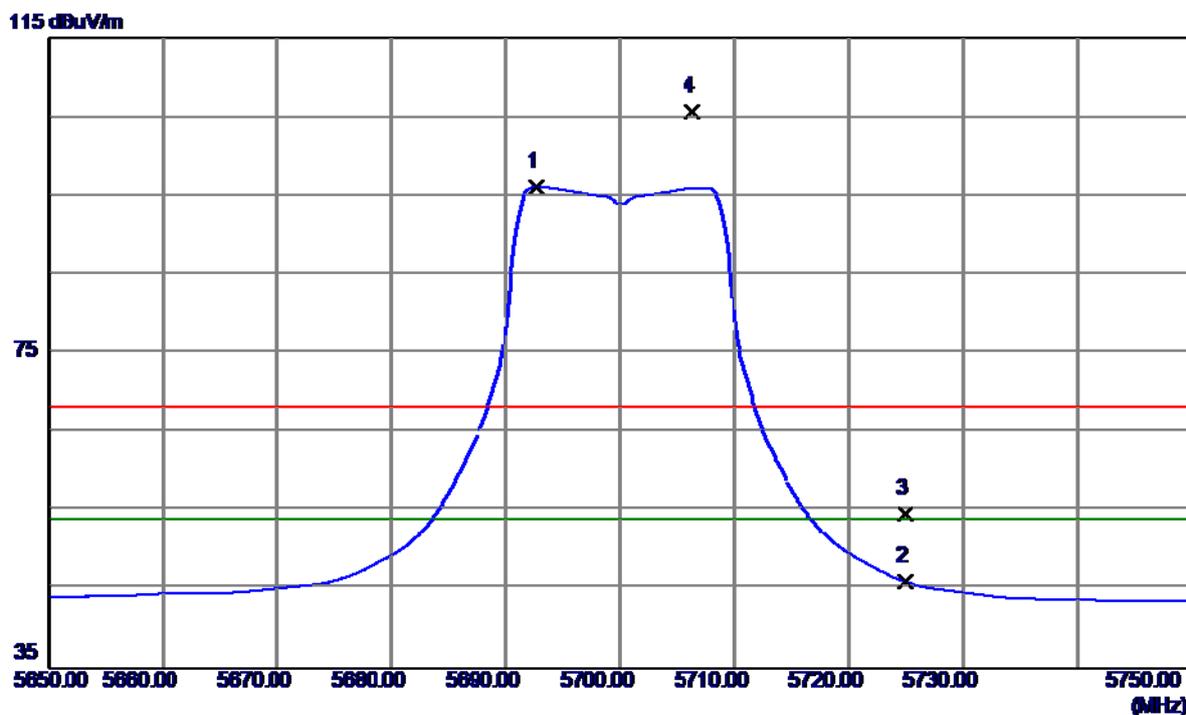
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.0300	31.10	16.13	47.23	68.30	-21.07	Peak	
2	11160.0300	21.29	16.13	37.42	54.00	-16.58	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

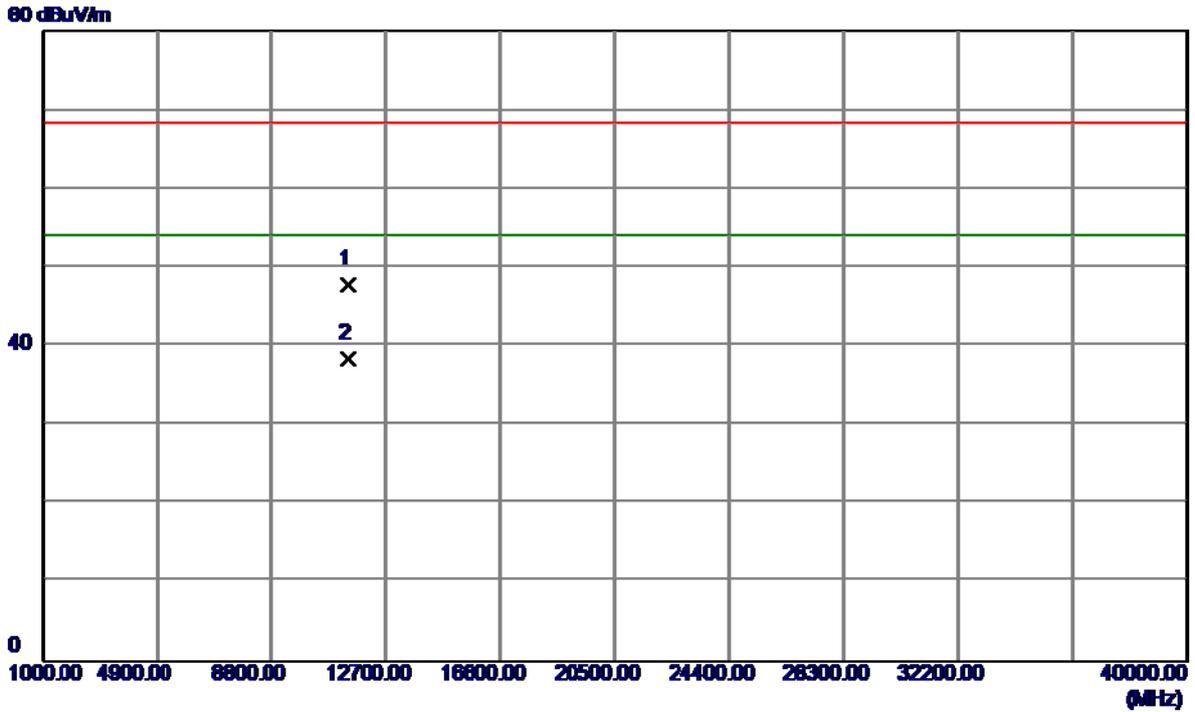
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5692.7000	54.94	41.22	96.16	54.00	42.16	AVG	No Limit
2	5725.0000	4.73	41.27	46.00	54.00	-8.00	AVG	
3	5725.0000	13.46	41.27	54.73	68.30	-13.57	Peak	
4	5706.3000	64.44	41.24	105.68	68.30	37.38	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

**Vertical**

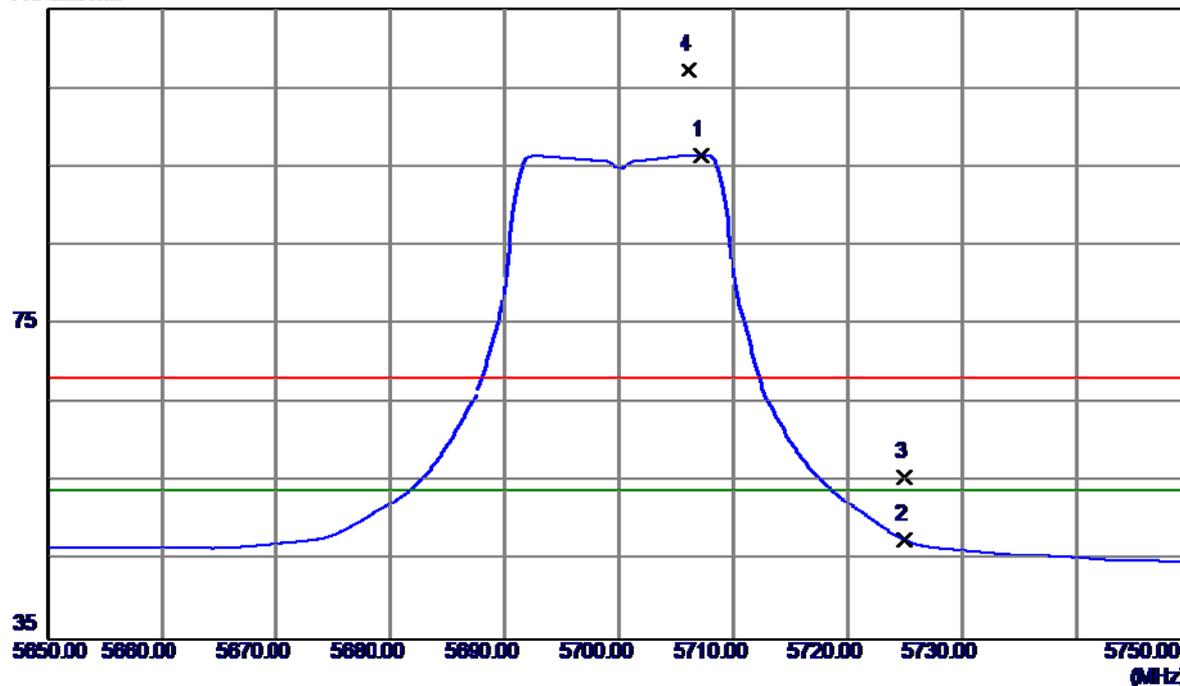


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.7900	31.21	16.70	47.91	68.30	-20.39	Peak	
2	11400.7900	21.63	16.70	38.33	54.00	-15.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

### Horizontal

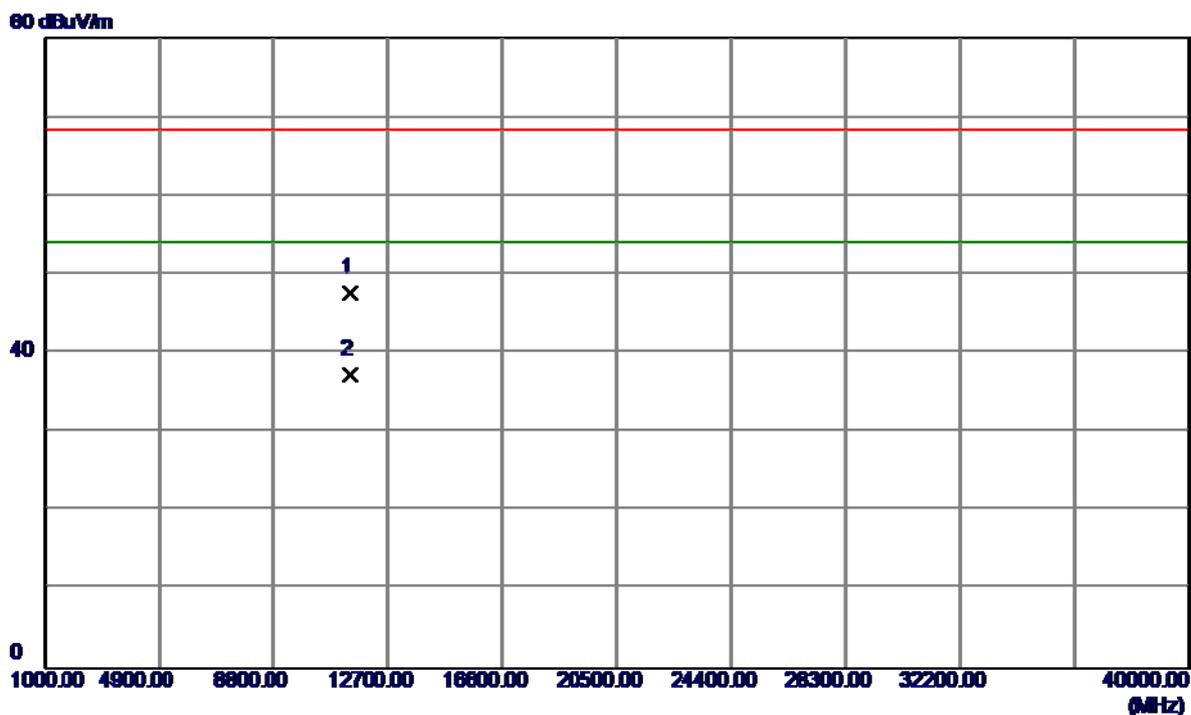
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5707.2000	55.28	41.24	96.52	54.00	42.52	AVG	No Limit
2	5725.0000	6.34	41.27	47.61	54.00	-6.39	AVG	
3	5725.0000	14.30	41.27	55.57	68.30	-12.73	Peak	
4	5706.1000	66.13	41.24	107.37	68.30	39.07	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

### Horizontal

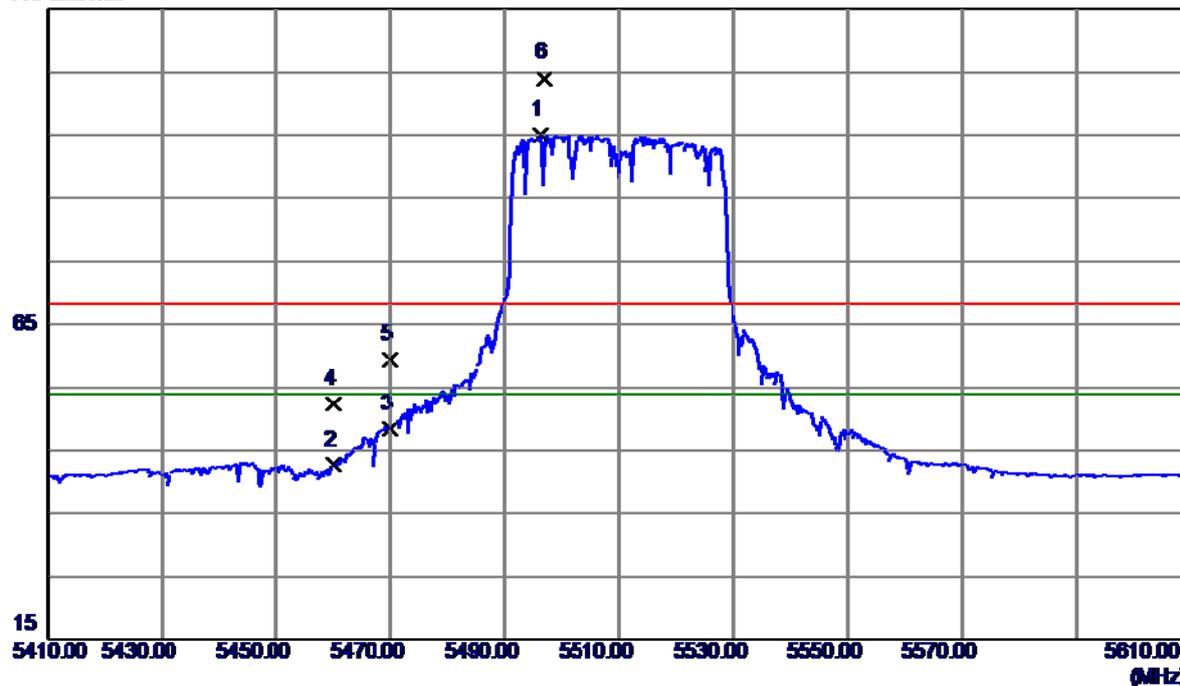


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.3800	30.94	16.70	47.64	68.30	-20.66	Peak	
2	11400.9040	20.58	16.70	37.28	54.00	-16.73	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

**Vertical**

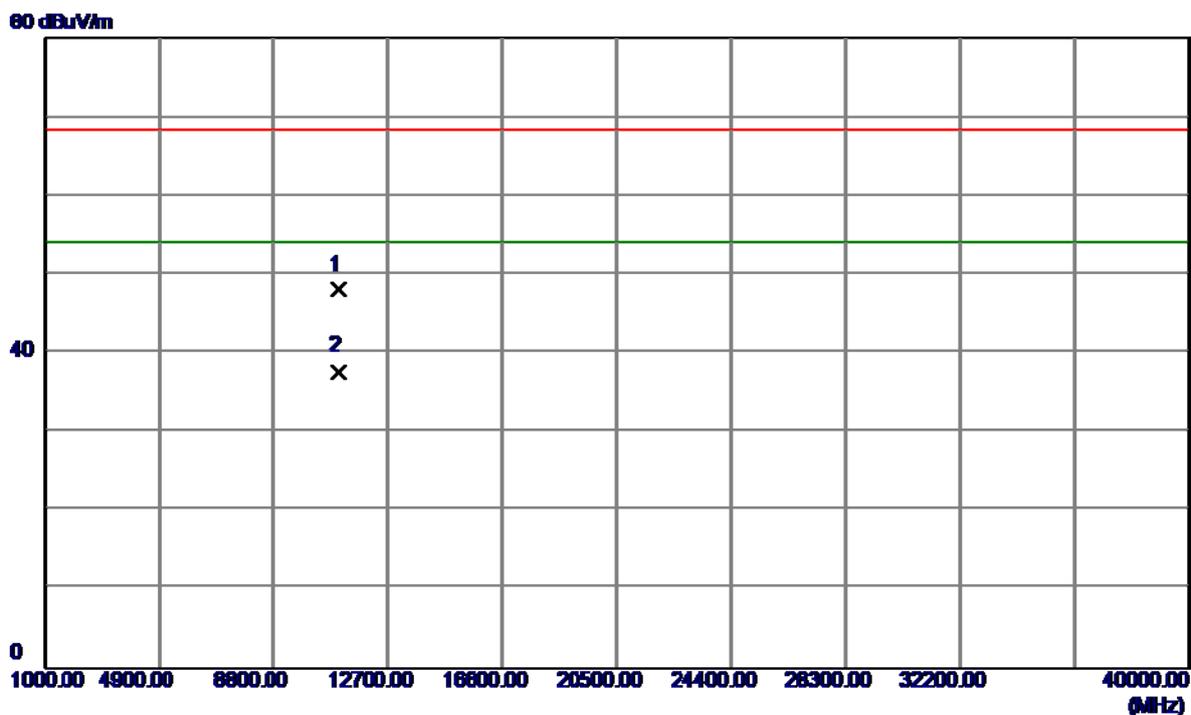
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5496.2000	60.69	34.29	94.98	54.00	40.98	AVG	No Limit
2	5460.0000	8.54	34.16	42.70	54.00	-11.30	AVG	
3	5470.0000	14.23	34.19	48.42	54.00	-5.58	AVG	
4	5460.0000	18.19	34.16	52.35	68.30	-15.95	Peak	
5	5470.0000	25.19	34.19	59.38	68.30	-8.92	Peak	
6	5496.9810	69.81	34.29	104.10	68.30	35.80	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

### Vertical

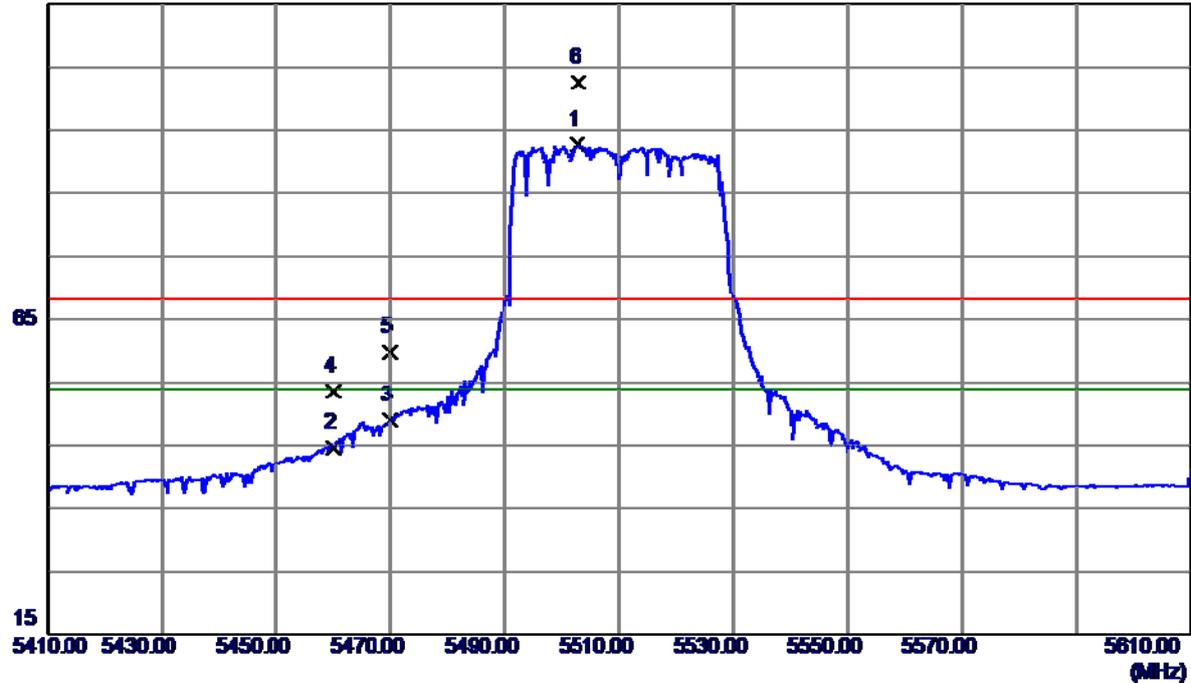


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.4850	32.28	15.80	48.08	68.30	-20.22	Peak	
2	11020.8330	21.88	15.80	37.68	54.00	-16.32	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

### Horizontal

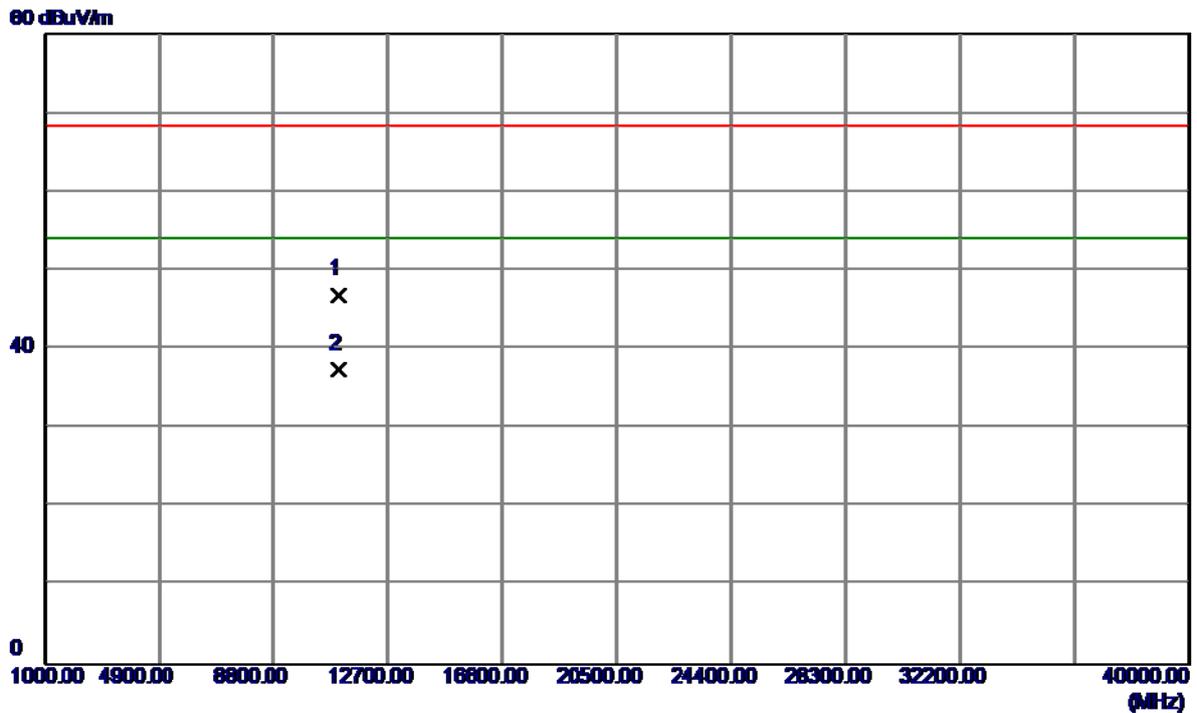
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5502.6000	58.39	34.31	92.70	54.00	38.70	AVG	No Limit
2	5460.0000	10.50	34.16	44.66	54.00	-9.34	AVG	
3	5470.0000	14.75	34.19	48.94	54.00	-5.06	AVG	
4	5460.0000	19.53	34.16	53.69	68.30	-14.61	Peak	
5	5470.0000	25.55	34.19	59.74	68.30	-8.56	Peak	
6	5502.9540	68.28	34.31	102.59	68.30	34.29	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5510MHz

### Horizontal

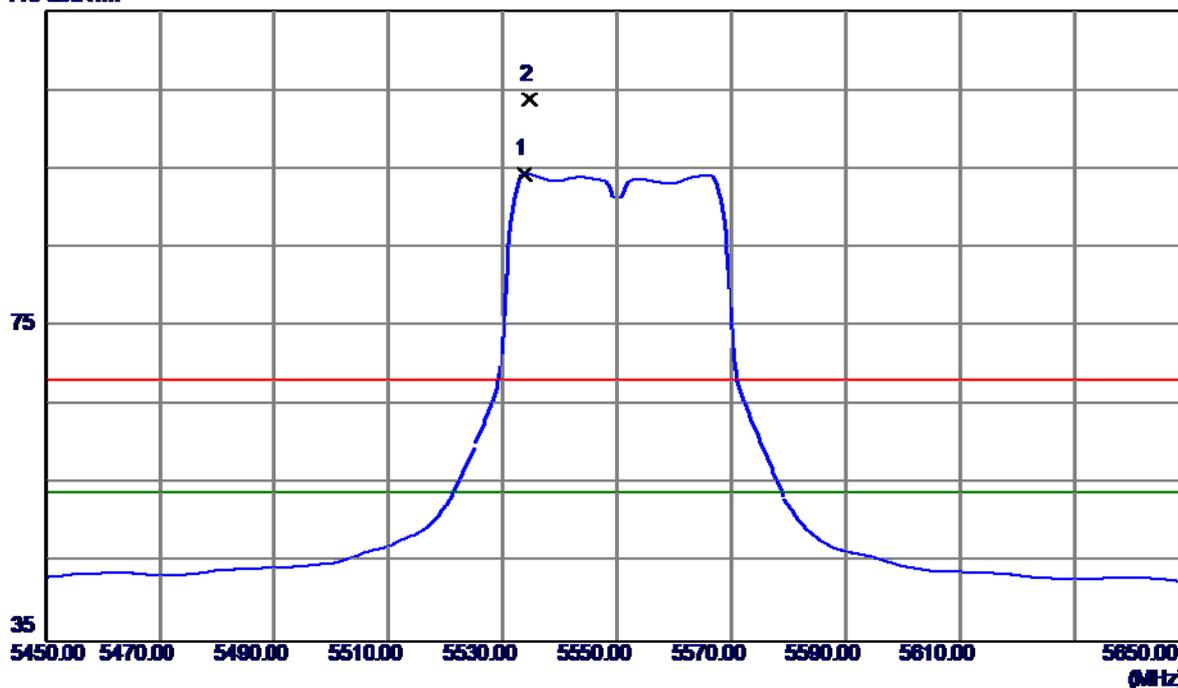


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.4560	31.16	15.80	46.96	68.30	-21.34	Peak	
2	11020.2440	21.65	15.80	37.45	54.00	-16.55	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

**Vertical**

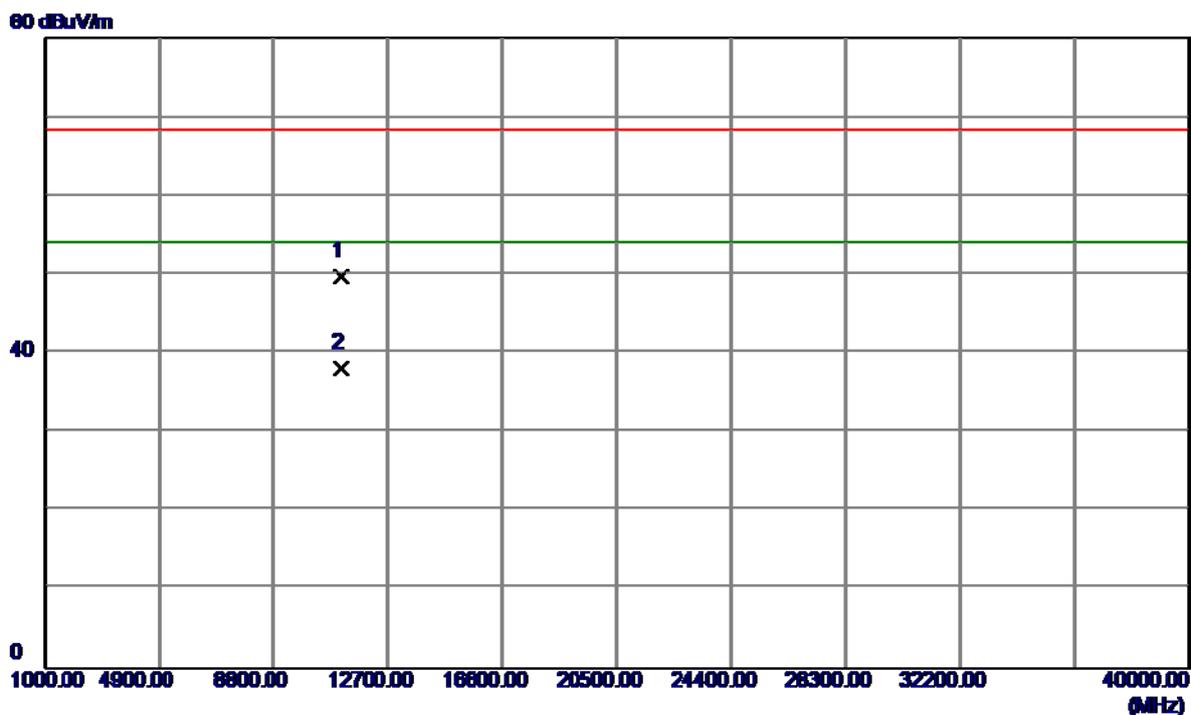
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5533.8000	53.42	41.01	94.43	54.00	40.43	AVG	No Limit
2	5534.6000	62.78	41.01	103.79	68.30	35.49	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

**Vertical**

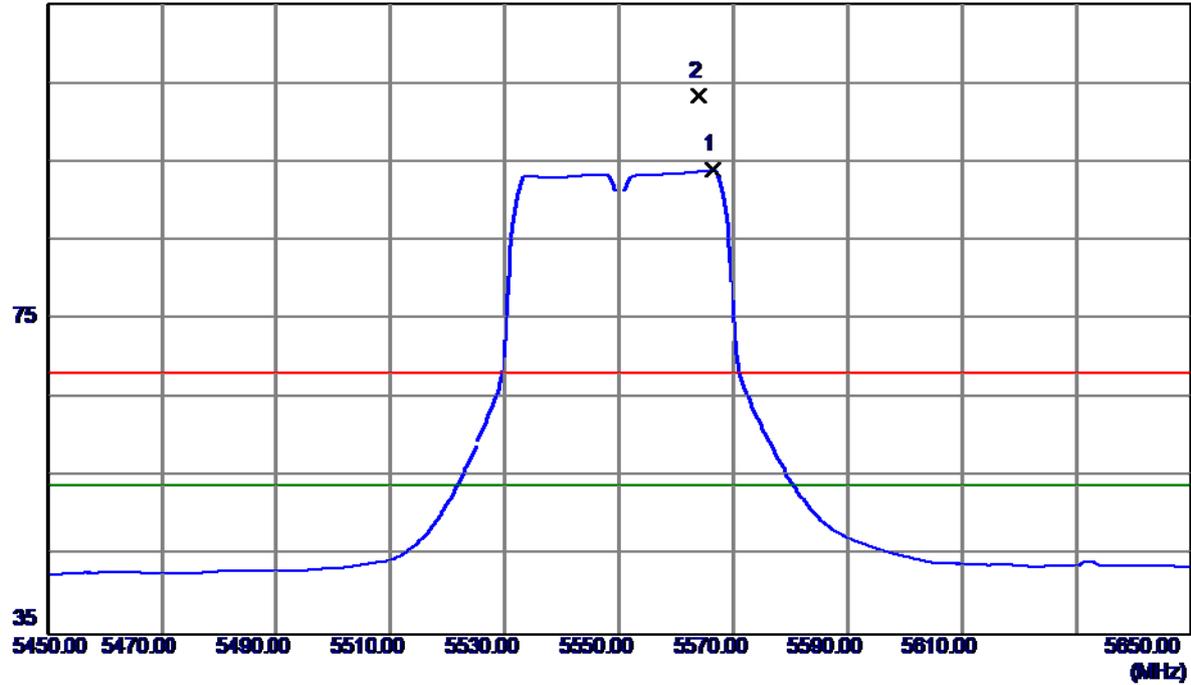


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11100.5800	33.75	15.99	49.74	68.30	-18.56	Peak	
2	11100.5800	22.14	15.99	38.13	54.00	-15.87	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

### Horizontal

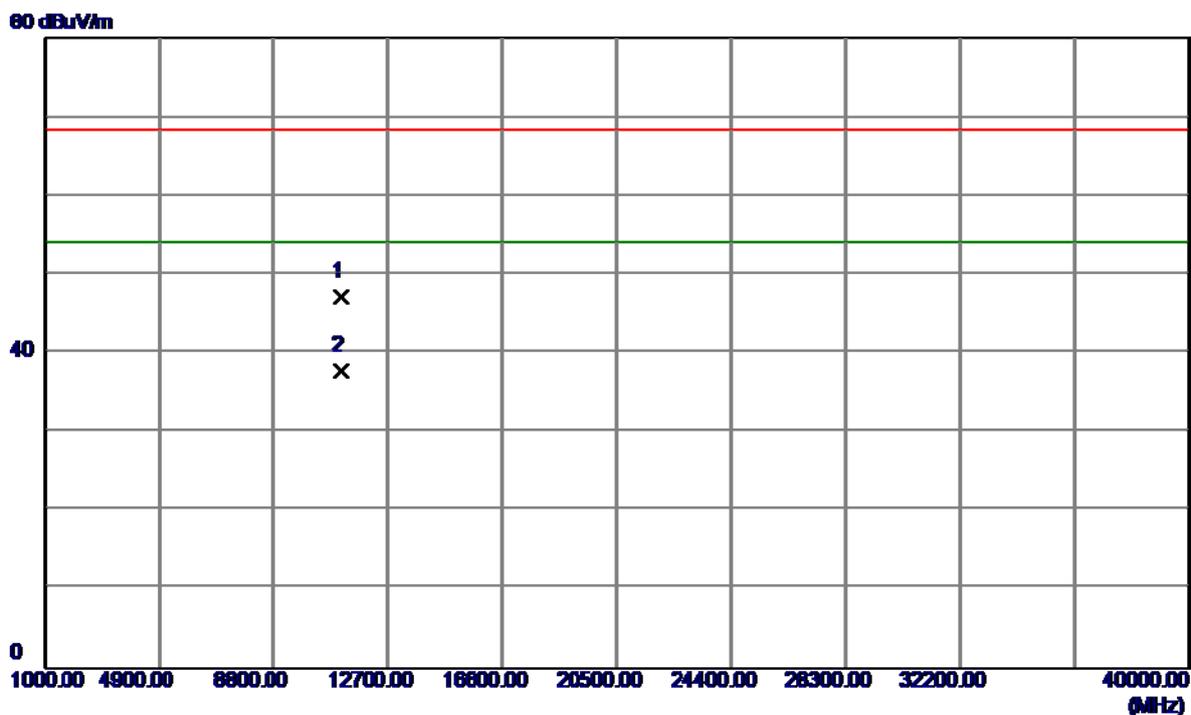
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5566.4000	52.92	41.05	93.97	54.00	39.97	AVG	No Limit
2	5564.0000	62.24	41.05	103.29	68.30	34.99	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5550MHz

### Horizontal

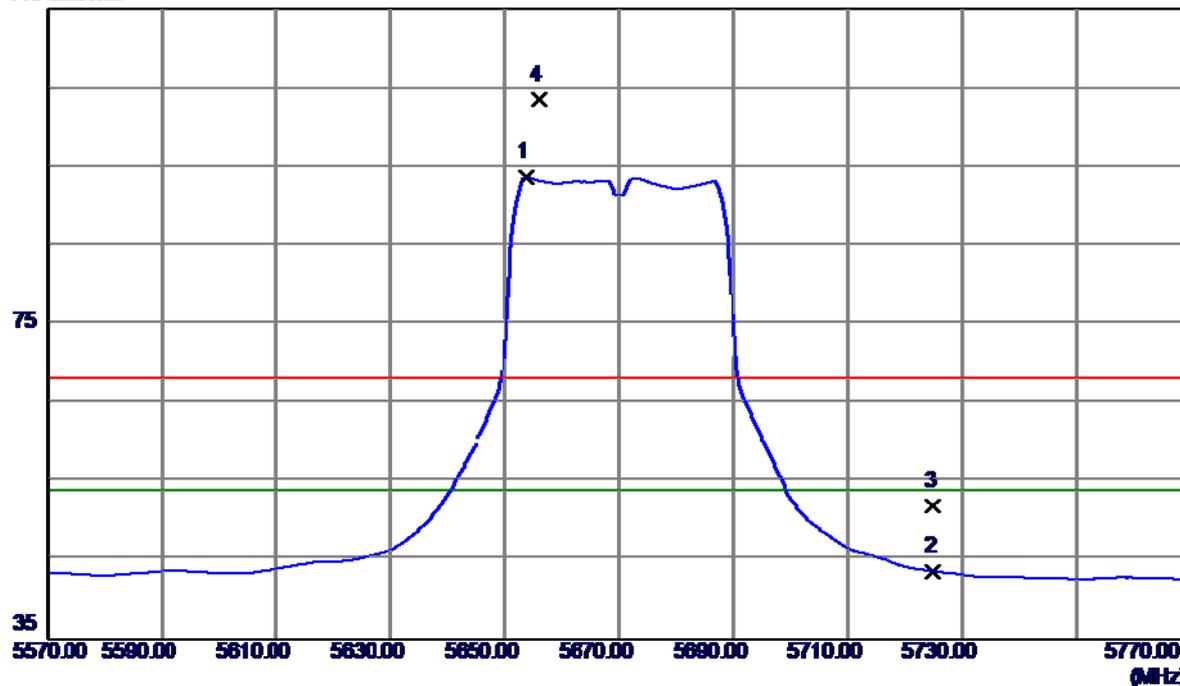


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11100.7870	31.14	15.99	47.13	68.30	-21.17	Peak	
2	11100.1460	21.75	15.99	37.74	54.00	-16.26	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

**Vertical**

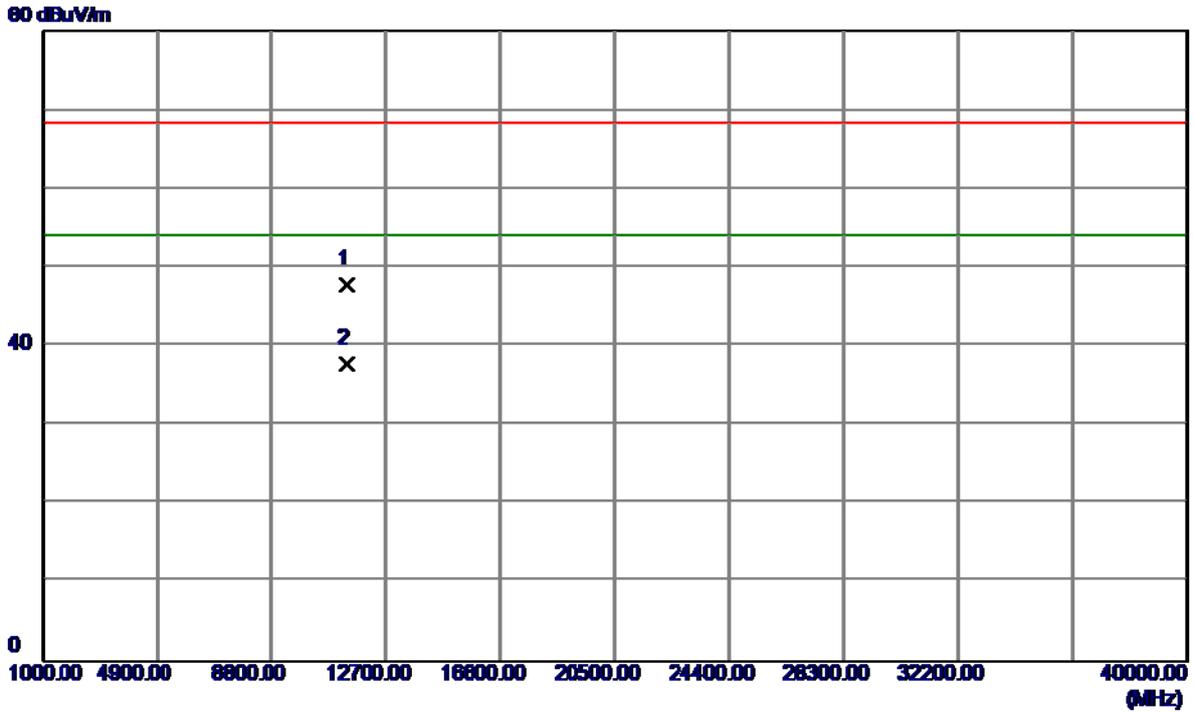
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5653.8000	52.54	41.17	93.71	54.00	39.71	AVG	No Limit
2	5725.0000	2.41	41.27	43.68	54.00	-10.32	AVG	
3	5725.0000	10.64	41.27	51.91	68.30	-16.39	Peak	
4	5656.0000	62.24	41.17	103.41	68.30	35.11	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

**Vertical**

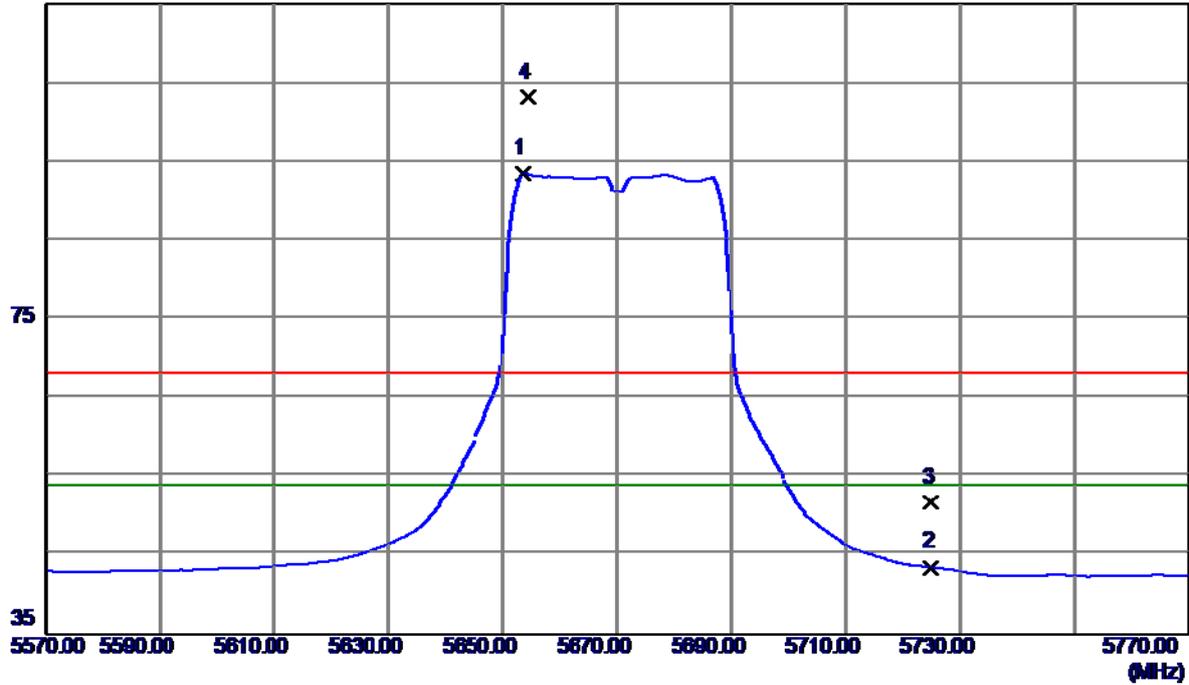


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11341.2630	31.30	16.56	47.86	68.30	-20.44	Peak	
2	11341.2380	21.28	16.56	37.84	54.00	-16.16	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

### Horizontal

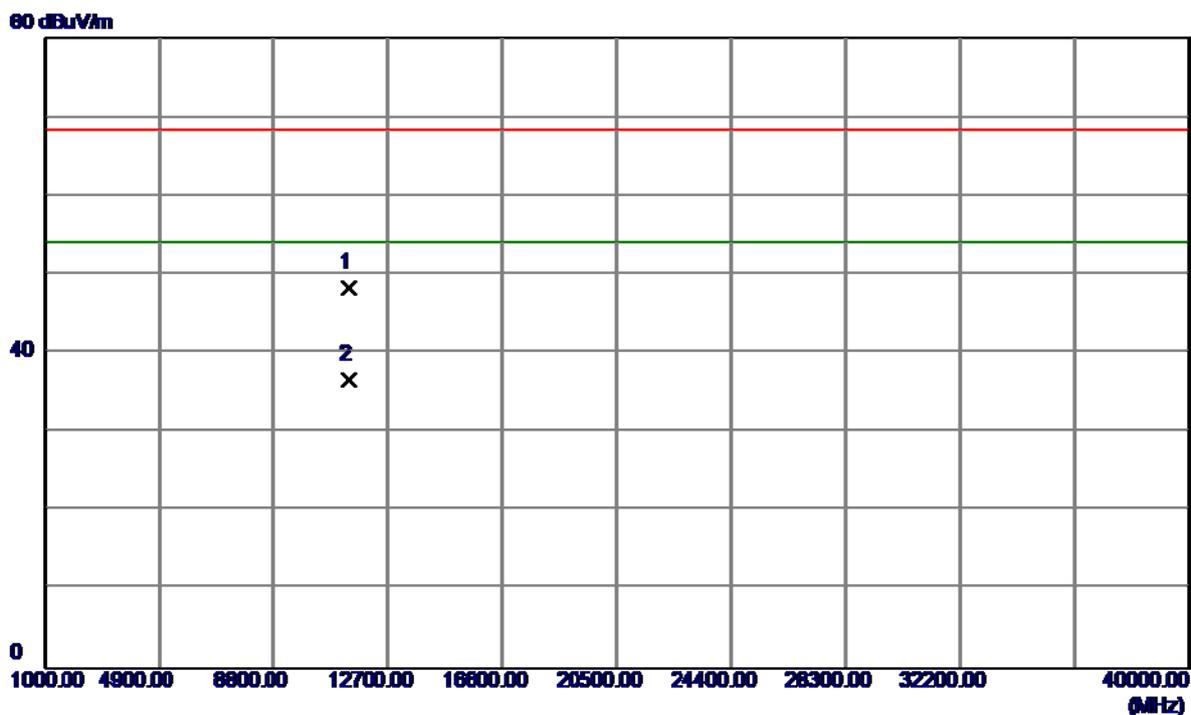
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5653.6000	52.37	41.17	93.54	54.00	39.54	AVG	No Limit
2	5725.0000	2.29	41.27	43.56	54.00	-10.44	AVG	
3	5725.0000	10.53	41.27	51.80	68.30	-16.50	Peak	
4	5654.4000	62.03	41.17	103.20	68.30	34.90	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC40 Mode 5670MHz

### Horizontal

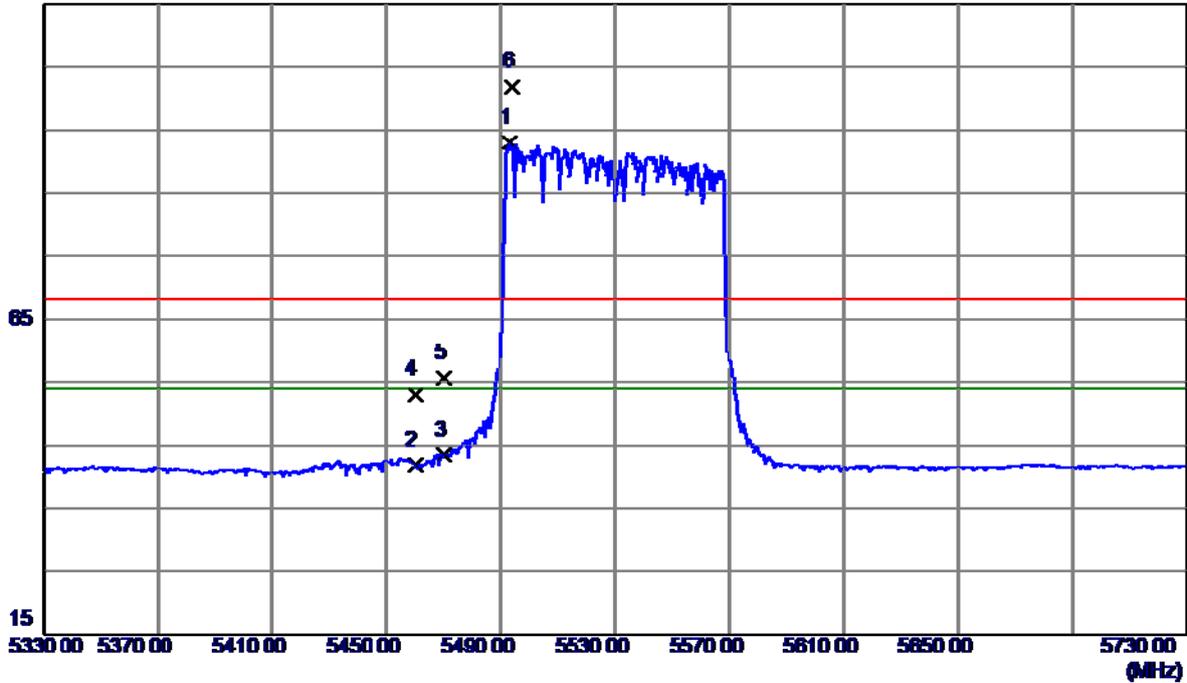


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11340.5340	31.77	16.56	48.33	68.30	-19.97	Peak	
2	11340.2670	20.14	16.56	36.70	54.00	-17.30	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

**Vertical**

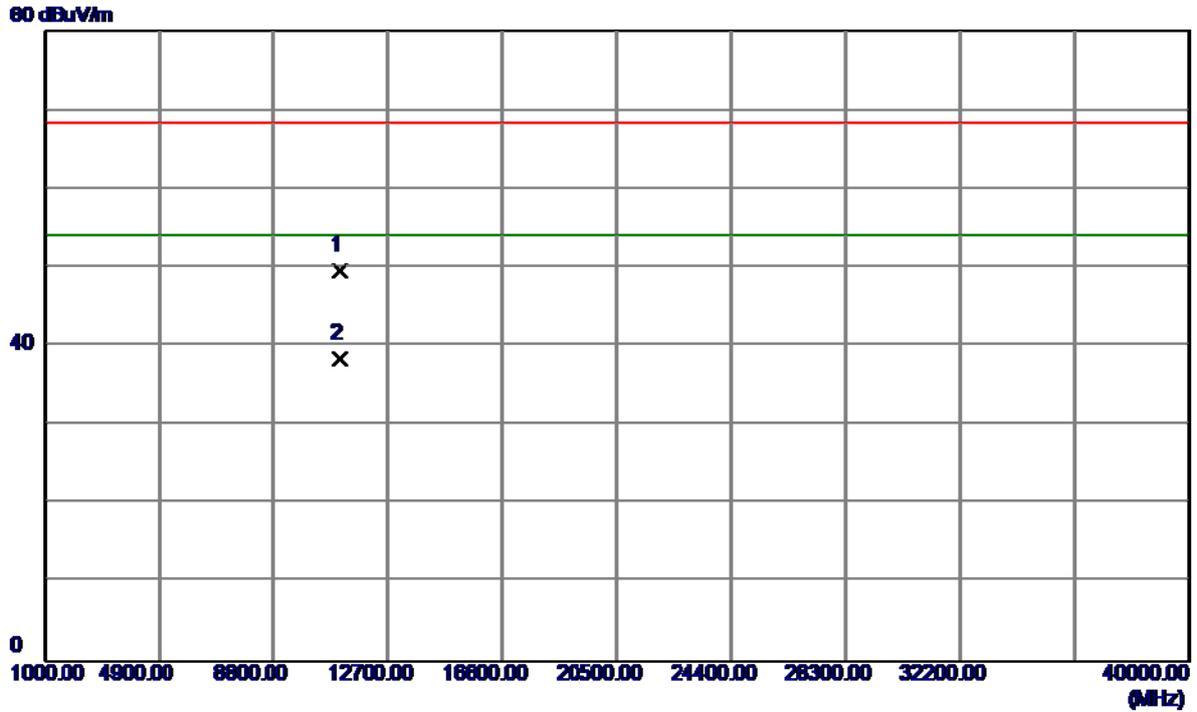
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5493.2000	58.69	34.28	92.97	54.00	38.97	AVG	No Limit
2	5460.0000	7.64	34.16	41.80	54.00	-12.20	AVG	
3	5470.0000	9.24	34.19	43.43	54.00	-10.57	AVG	
4	5460.0000	18.81	34.16	52.97	68.30	-15.33	Peak	
5	5470.0000	21.50	34.19	55.69	68.30	-12.61	Peak	
6	5493.9210	67.53	34.28	101.81	68.30	33.51	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

**Vertical**

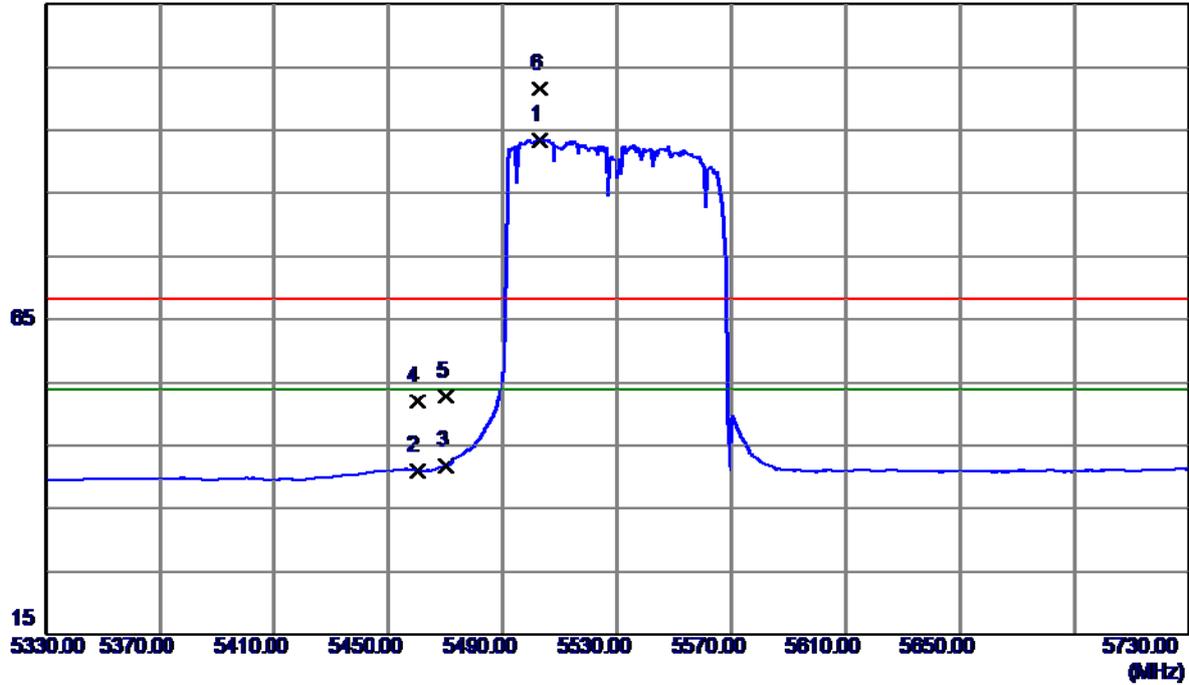


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11062.9950	33.75	15.90	49.65	68.30	-18.65	Peak	
2	11062.5759	22.52	15.90	38.42	54.00	-15.58	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

### Horizontal

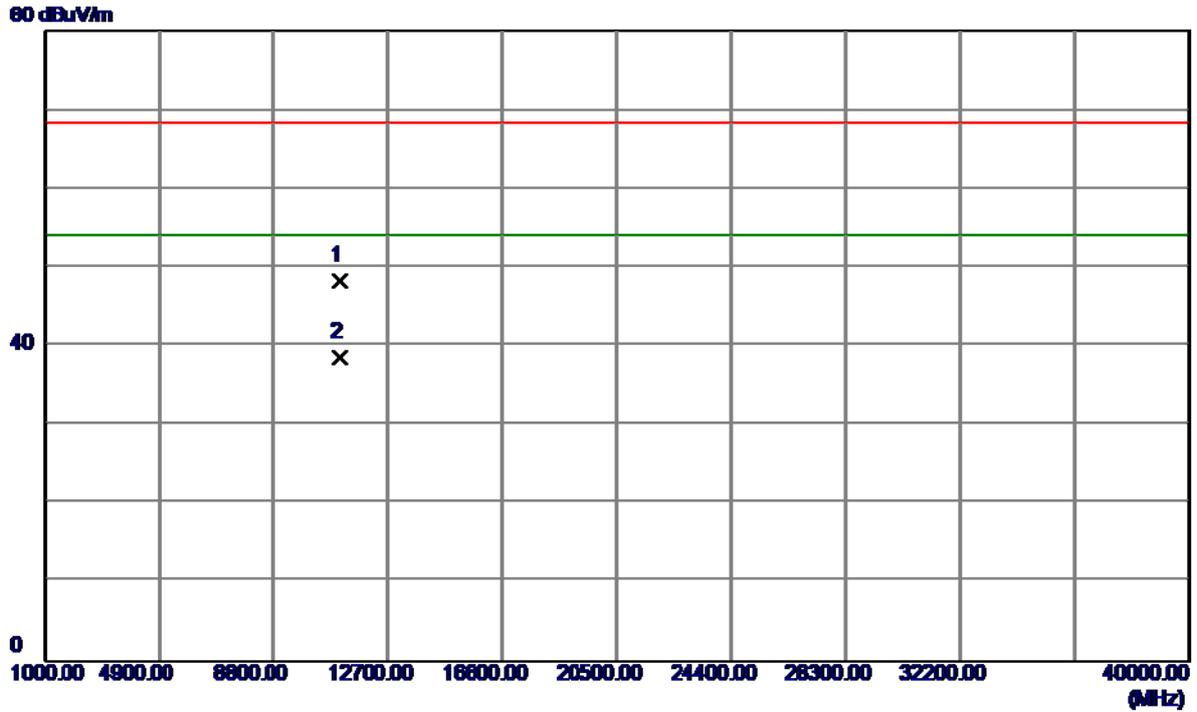
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5502.8000	59.16	34.31	93.47	54.00	39.47	AVG	No Limit
2	5460.0000	6.90	34.16	41.06	54.00	-12.94	AVG	
3	5470.0000	7.70	34.19	41.89	54.00	-12.11	AVG	
4	5460.0000	17.78	34.16	51.94	68.30	-16.36	Peak	
5	5470.0000	18.69	34.19	52.88	68.30	-15.42	Peak	
6	5502.6870	67.22	34.31	101.53	68.30	33.23	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5530MHz

### Horizontal

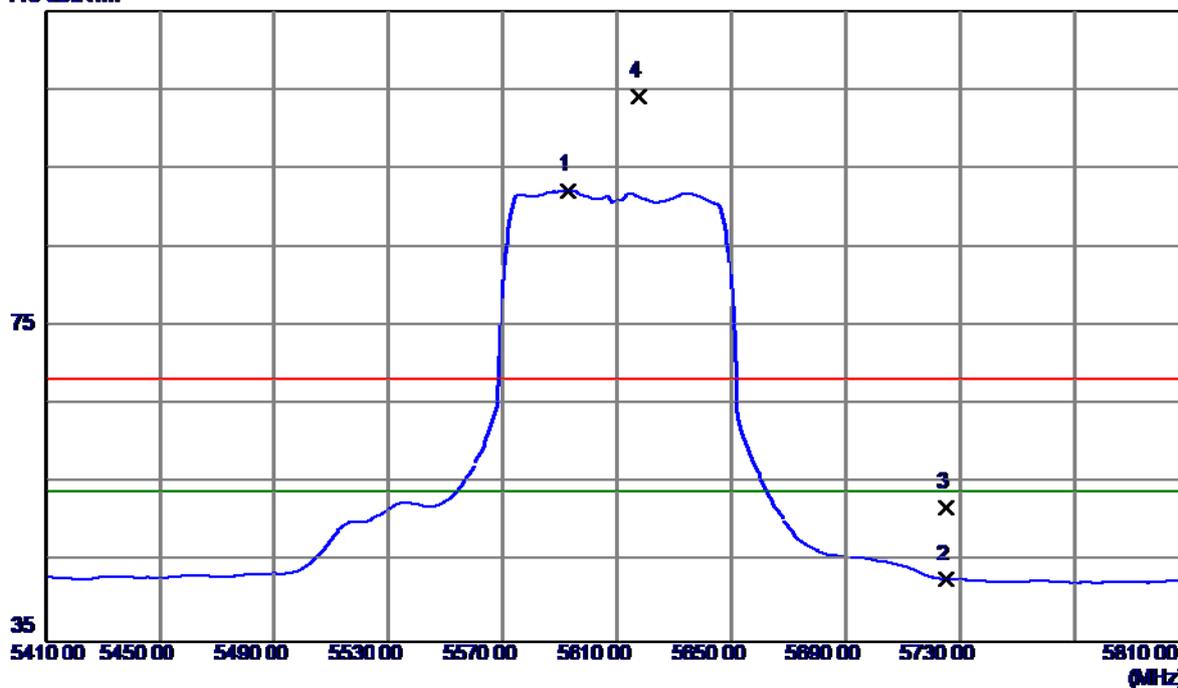


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11059.4700	32.38	15.89	48.27	68.30	-20.03	Peak	
2	11059.2800	22.61	15.89	38.50	54.00	-15.50	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

**Vertical**

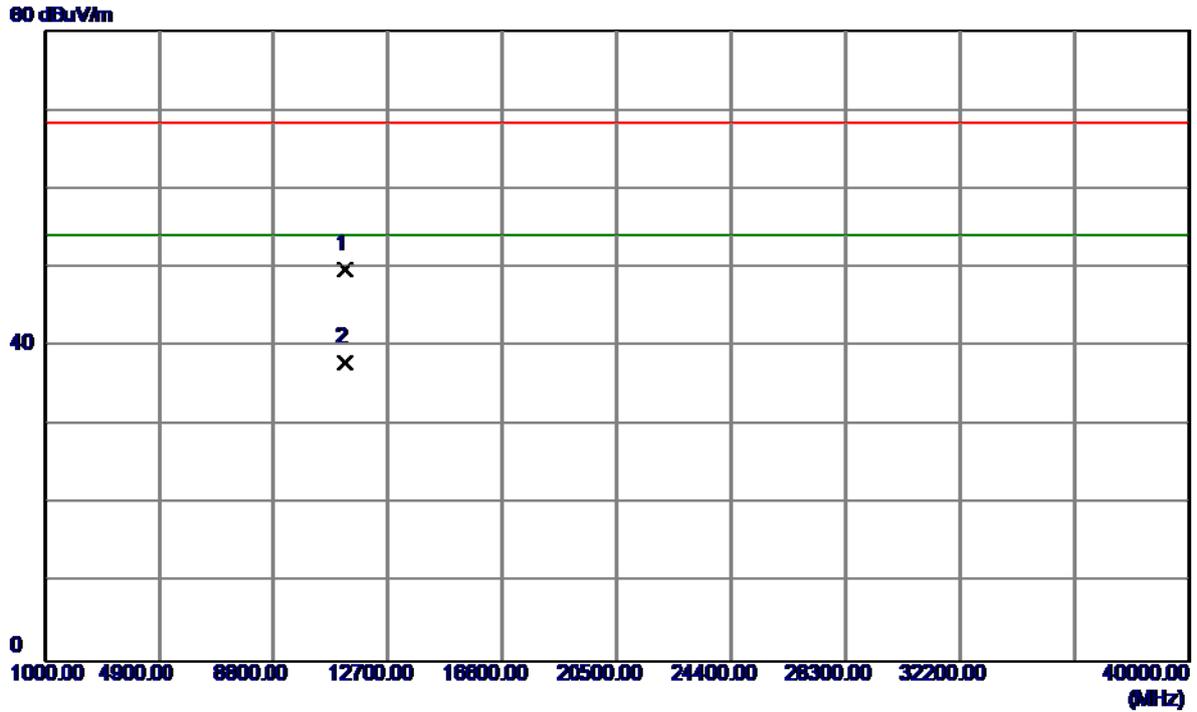
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5592.8000	51.11	41.09	92.20	54.00	38.20	AVG	No Limit
2	5725.0000	1.55	41.27	42.82	54.00	-11.18	AVG	
3	5725.0000	10.68	41.27	51.95	68.30	-16.35	Peak	
4	5617.6000	62.93	41.12	104.05	68.30	35.75	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

**Vertical**

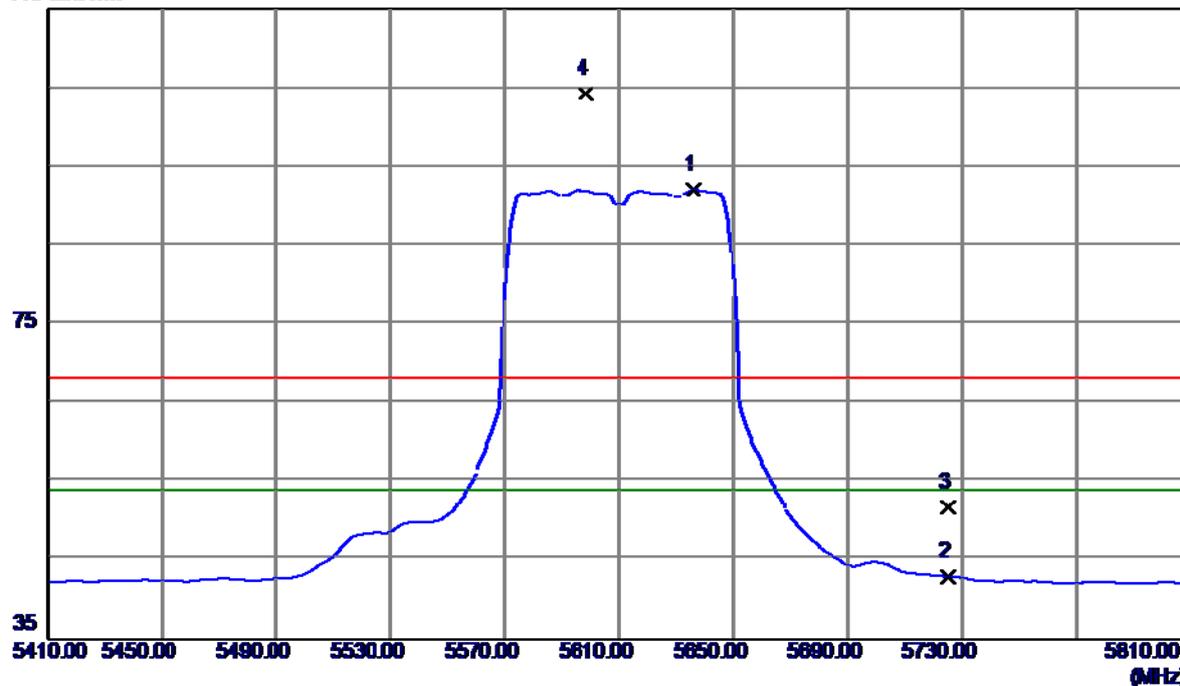


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11221.2730	33.44	16.27	49.71	68.30	-18.59	Peak	
2	11221.2699	21.67	16.27	37.94	54.00	-16.06	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

### Horizontal

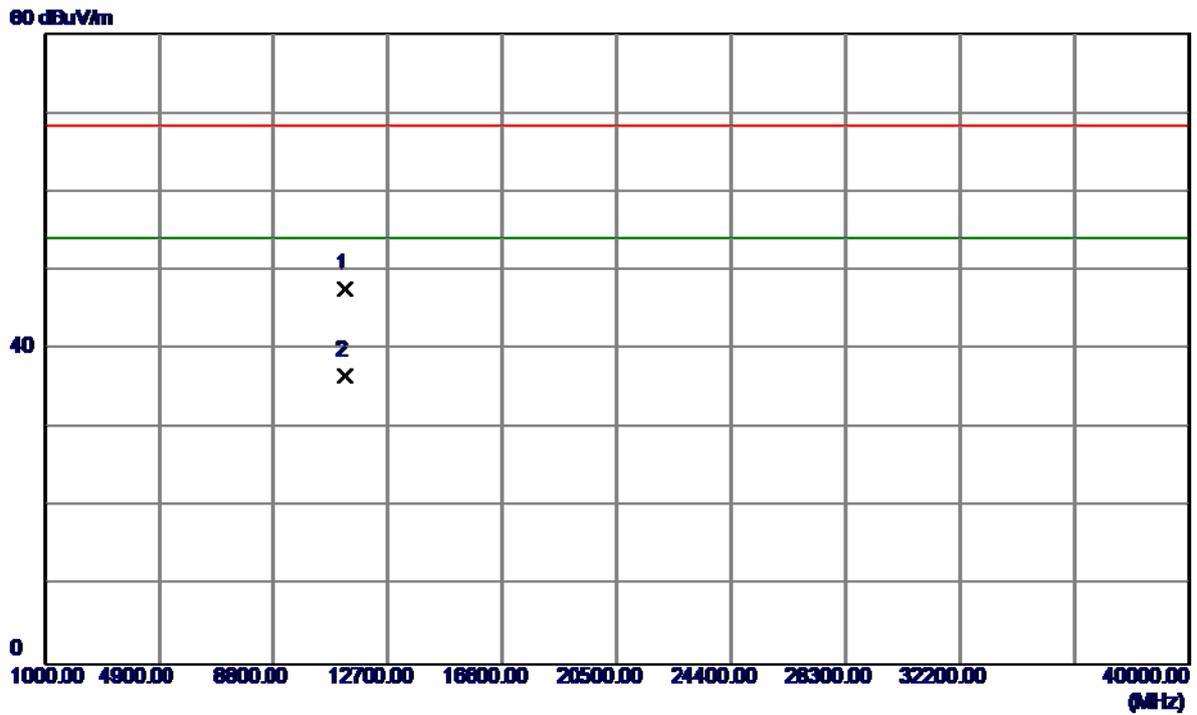
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5636.4000	50.93	41.15	92.08	54.00	38.08	AVG	No Limit
2	5725.0000	1.74	41.27	43.01	54.00	-10.99	AVG	
3	5725.0000	10.53	41.27	51.80	68.30	-16.50	Peak	
4	5598.4000	63.23	41.09	104.32	68.30	36.02	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC80 Mode 5610MHz

### Horizontal

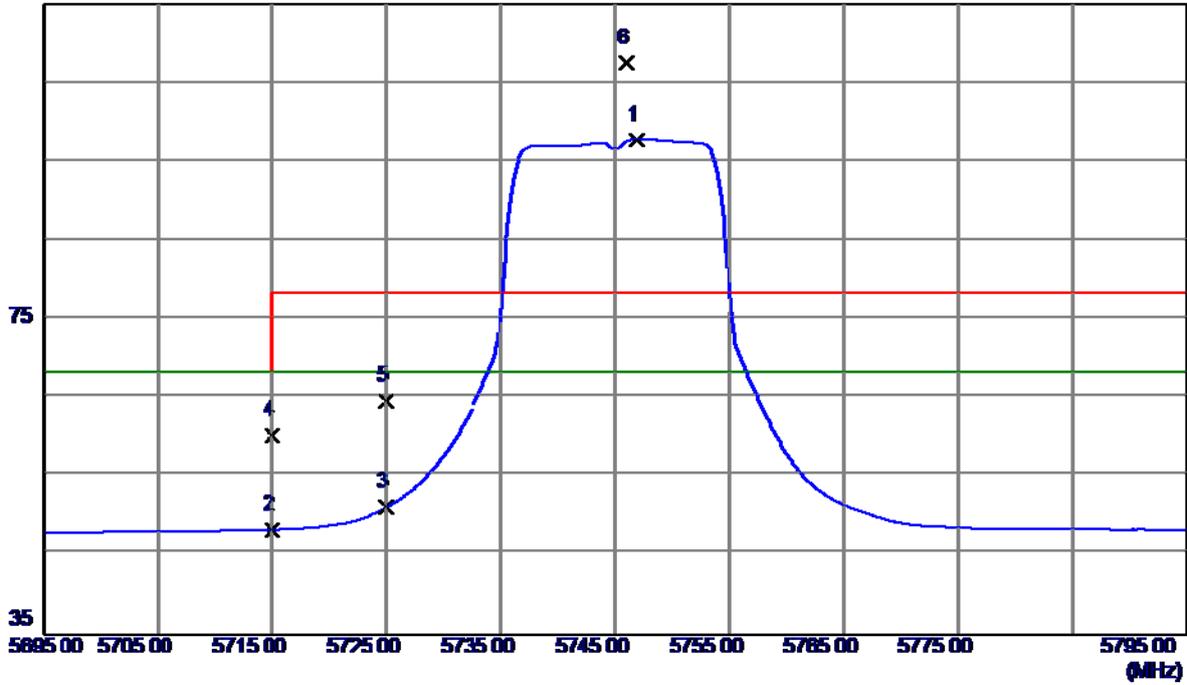


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11220.3490	31.36	16.27	47.63	68.30	-20.67	Peak	
2	11220.3890	20.38	16.27	36.65	54.00	-17.35	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

**Vertical**

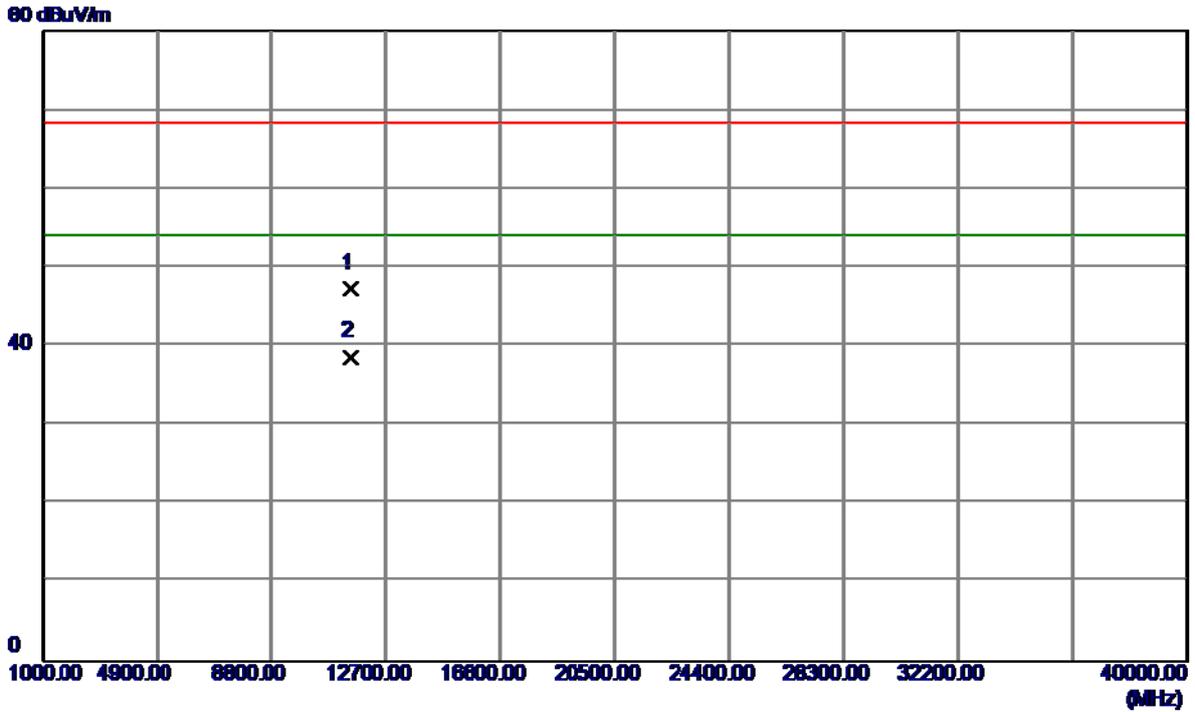
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5746.9000	56.43	41.30	97.73	68.30	29.43	AVG	No Limit
2	5715.0000	7.07	41.25	48.32	68.30	-19.98	AVG	
3	5725.0000	9.84	41.27	51.11	68.30	-17.19	AVG	
4	5715.0000	19.06	41.25	60.31	68.30	-7.99	Peak	
5	5725.0000	23.28	41.27	64.55	78.30	-13.75	Peak	
6	5746.0000	66.12	41.29	107.41	78.30	29.11	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

**Vertical**

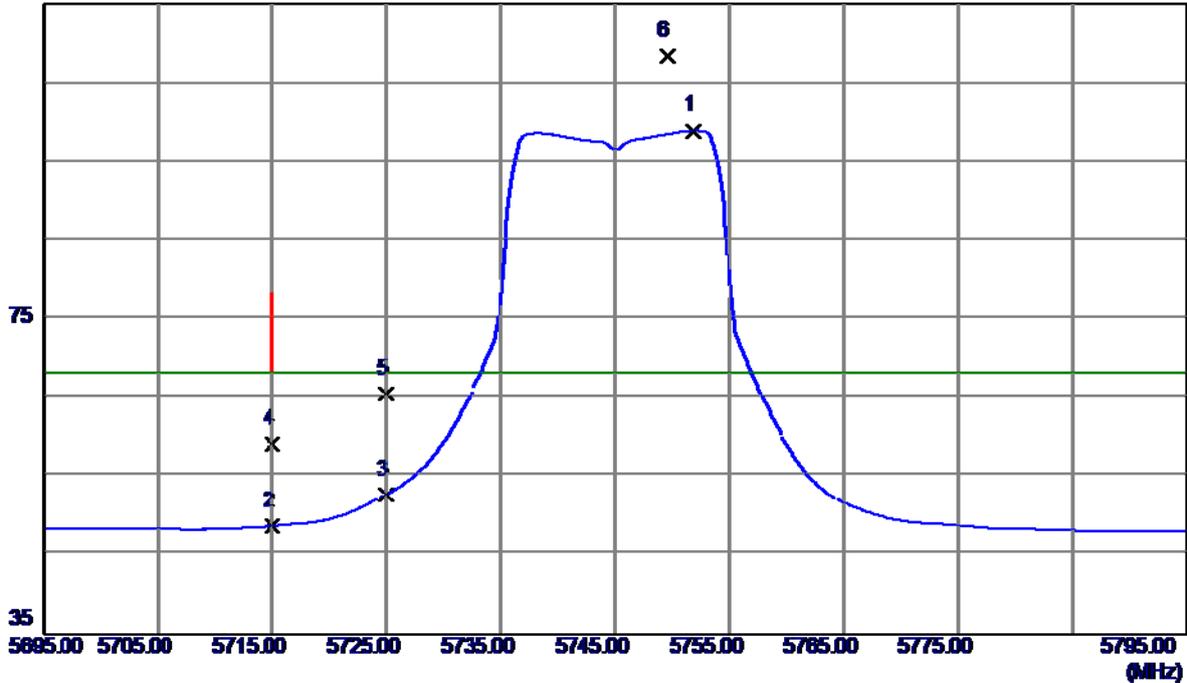


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.7100	30.41	16.91	47.32	68.30	-20.98	Peak	
2	11490.7100	21.73	16.91	38.64	54.00	-15.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

### Horizontal

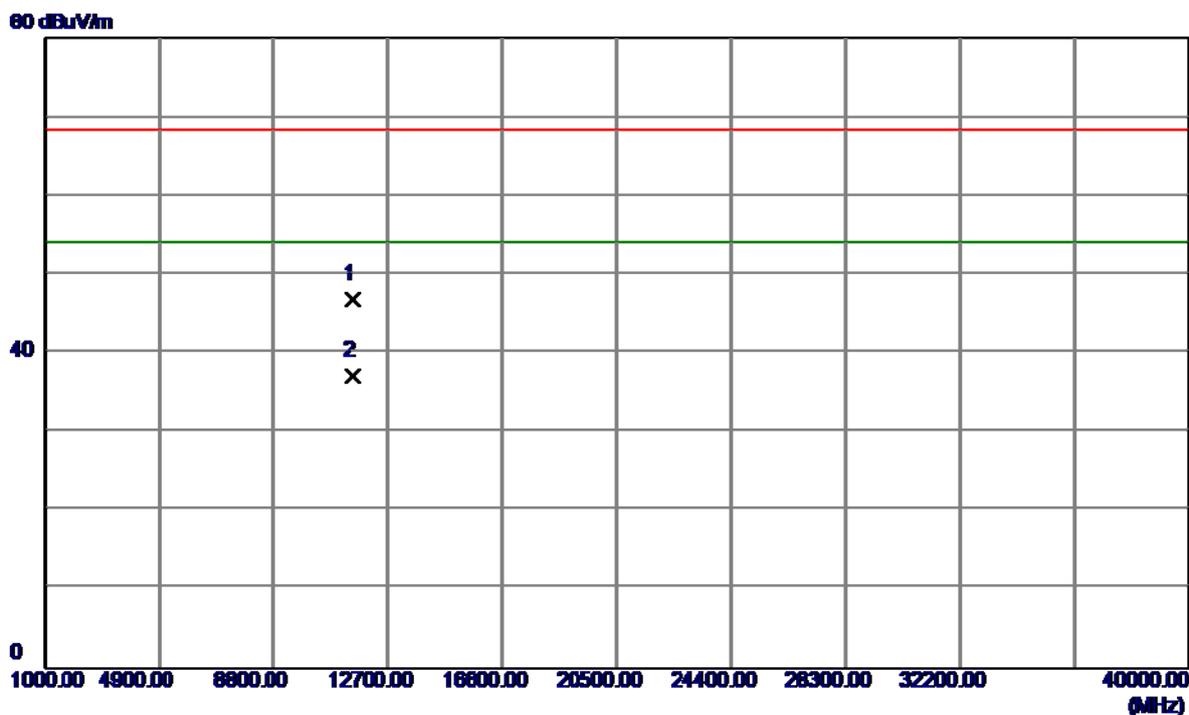
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5751.9000	57.62	41.30	98.92	68.30	30.62	AVG	No Limit
2	5715.0000	7.51	41.25	48.76	68.30	-19.54	AVG	
3	5725.0000	11.54	41.27	52.81	68.30	-15.49	AVG	
4	5715.0000	17.95	41.25	59.20	68.30	-9.10	Peak	
5	5725.0000	24.30	41.27	65.57	78.30	-12.73	Peak	
6	5749.5000	67.17	41.30	108.47	78.30	30.17	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

### Horizontal

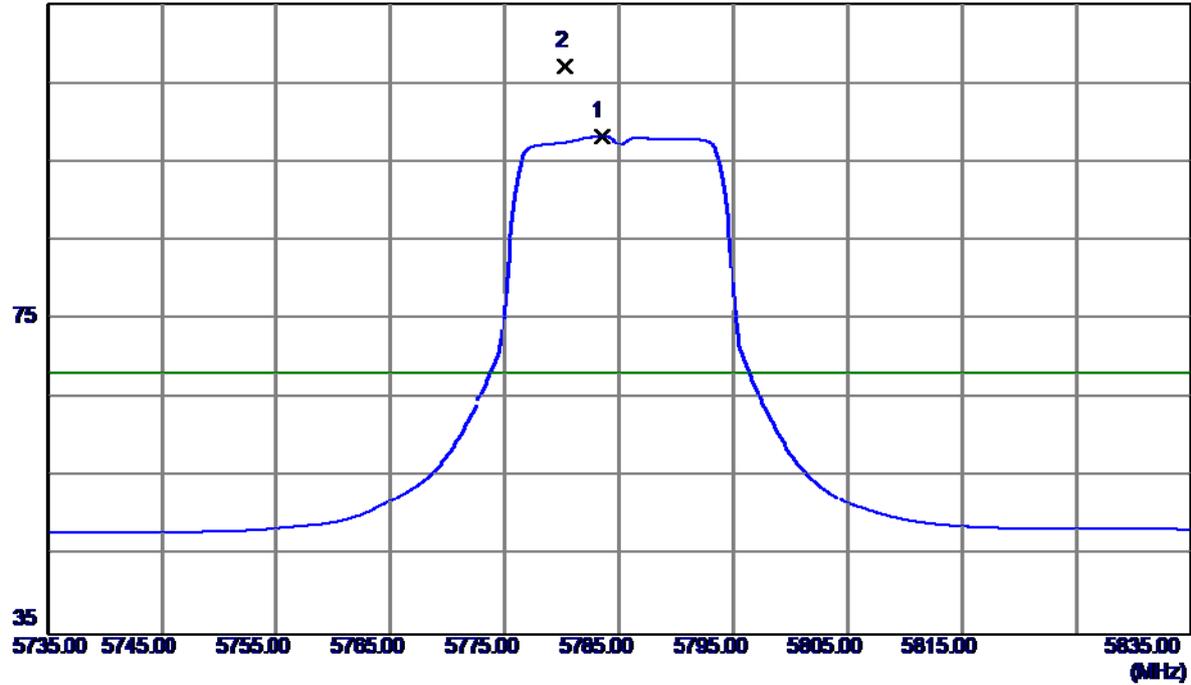


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.3400	29.92	16.91	46.83	68.30	-21.47	Peak	
2	11490.3400	20.21	16.91	37.12	54.00	-16.88	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

**Vertical**

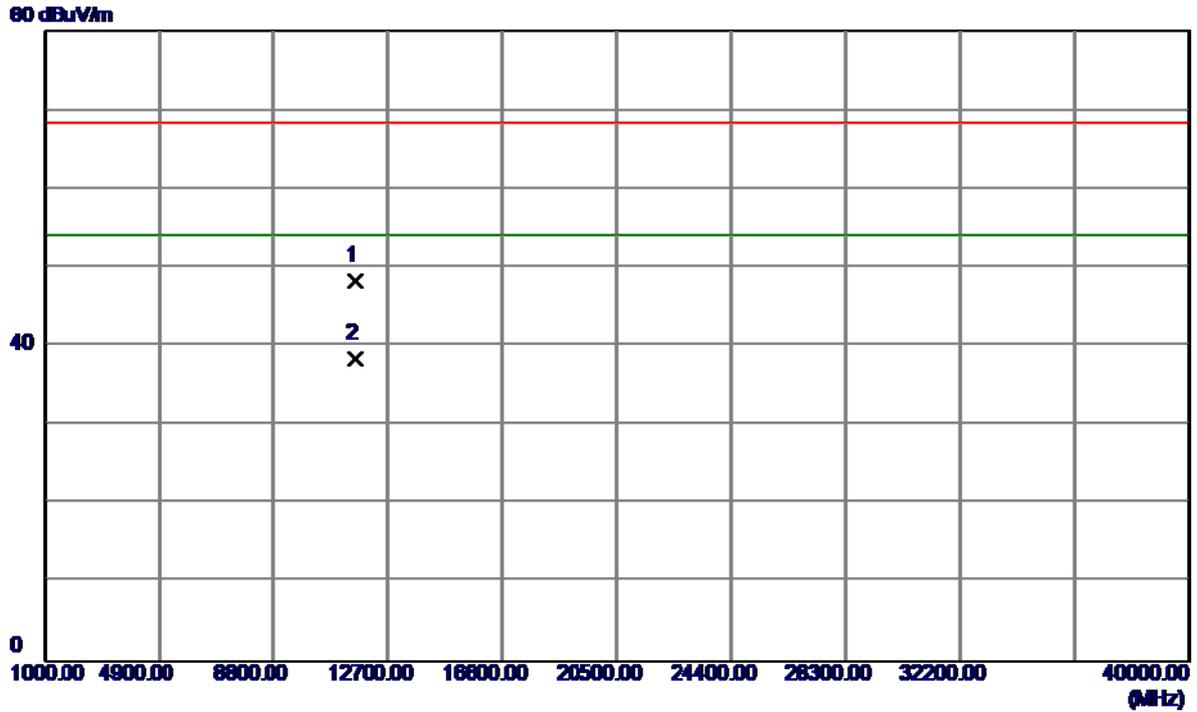
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5783.5000	56.92	41.35	98.27	68.30	29.97	AVG	No Limit
2	5780.2000	65.79	41.34	107.13	78.30	28.83	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

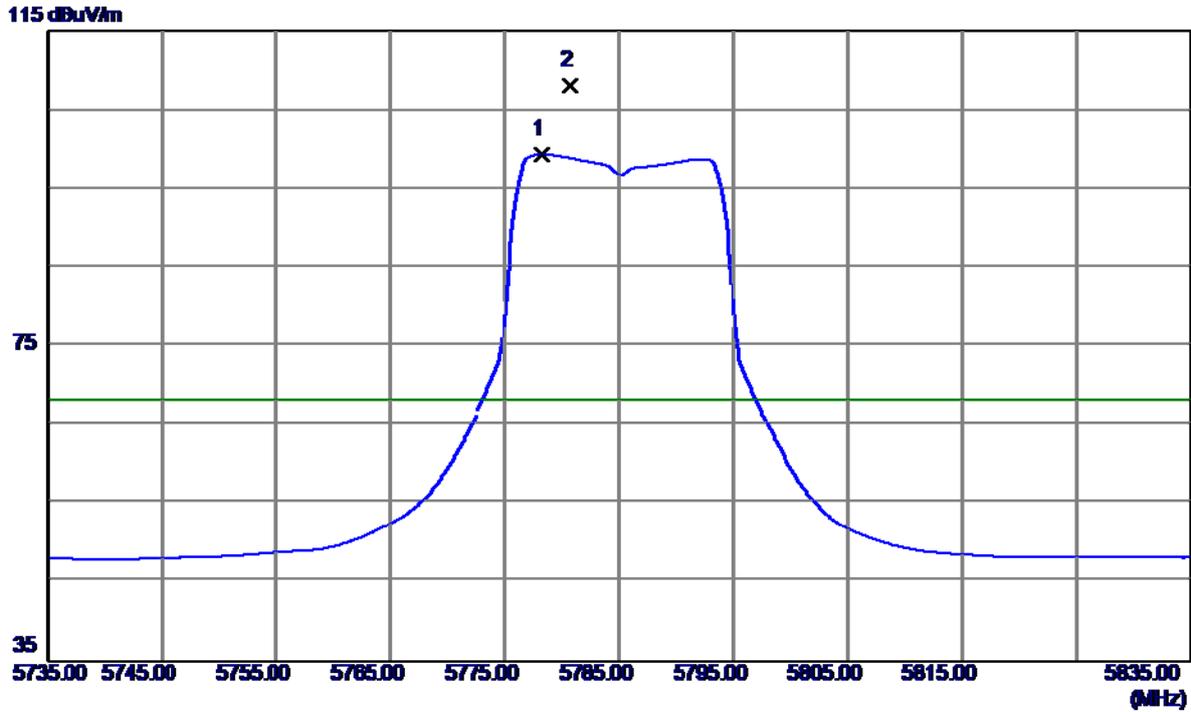
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.3640	31.34	17.05	48.39	68.30	-19.91	Peak	
2	11570.1230	21.41	17.05	38.46	54.00	-15.54	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

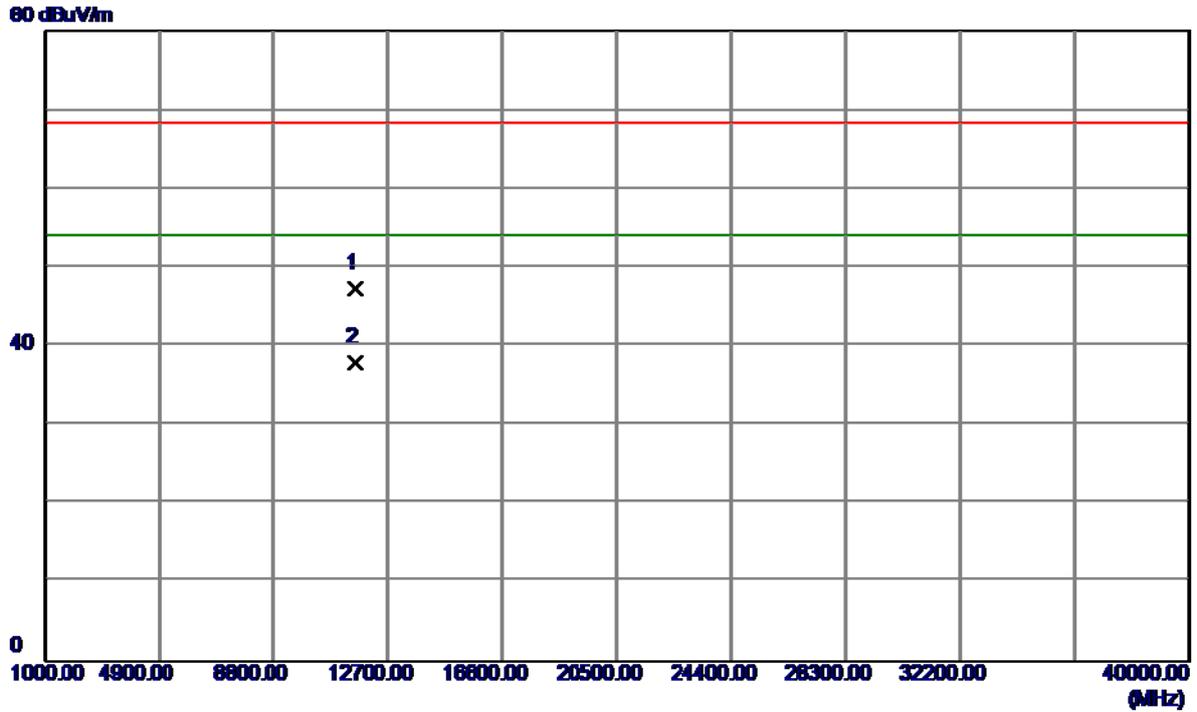
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5778.2000	57.99	41.34	99.33	68.30	31.03	AVG	No Limit
2	5780.7000	66.74	41.34	108.08	78.30	29.78	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

### Horizontal

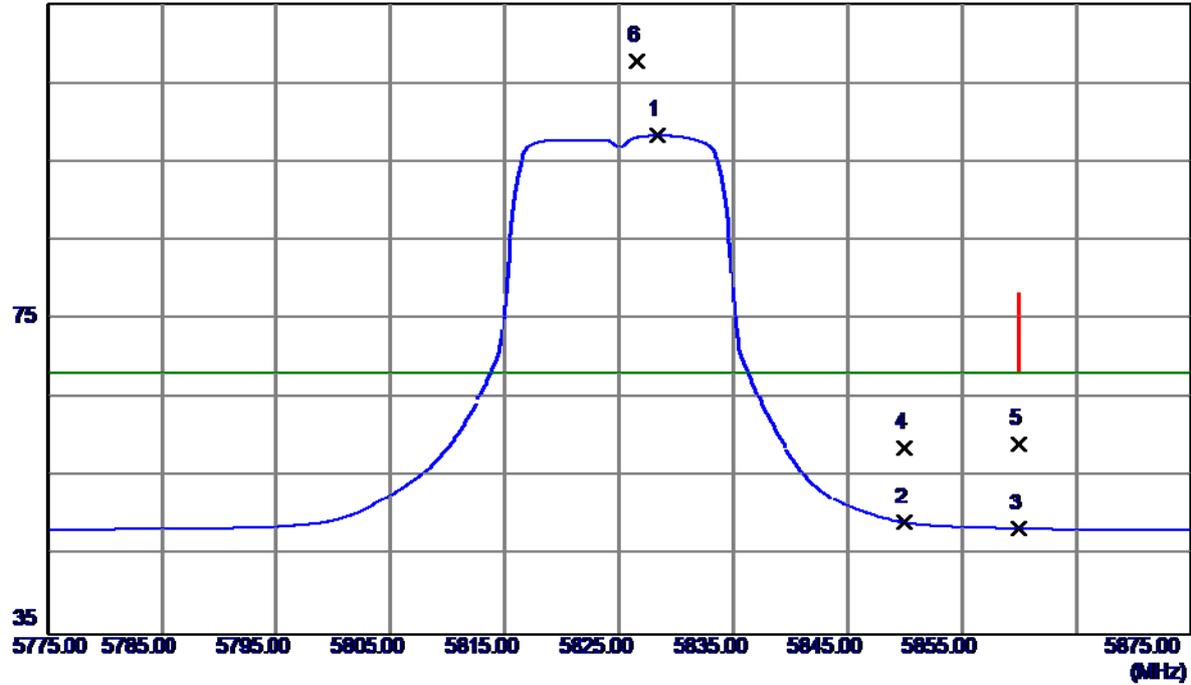


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.3780	30.38	17.05	47.43	68.30	-20.87	Peak	
2	11570.9470	20.82	17.05	37.86	54.00	-16.13	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

### Vertical

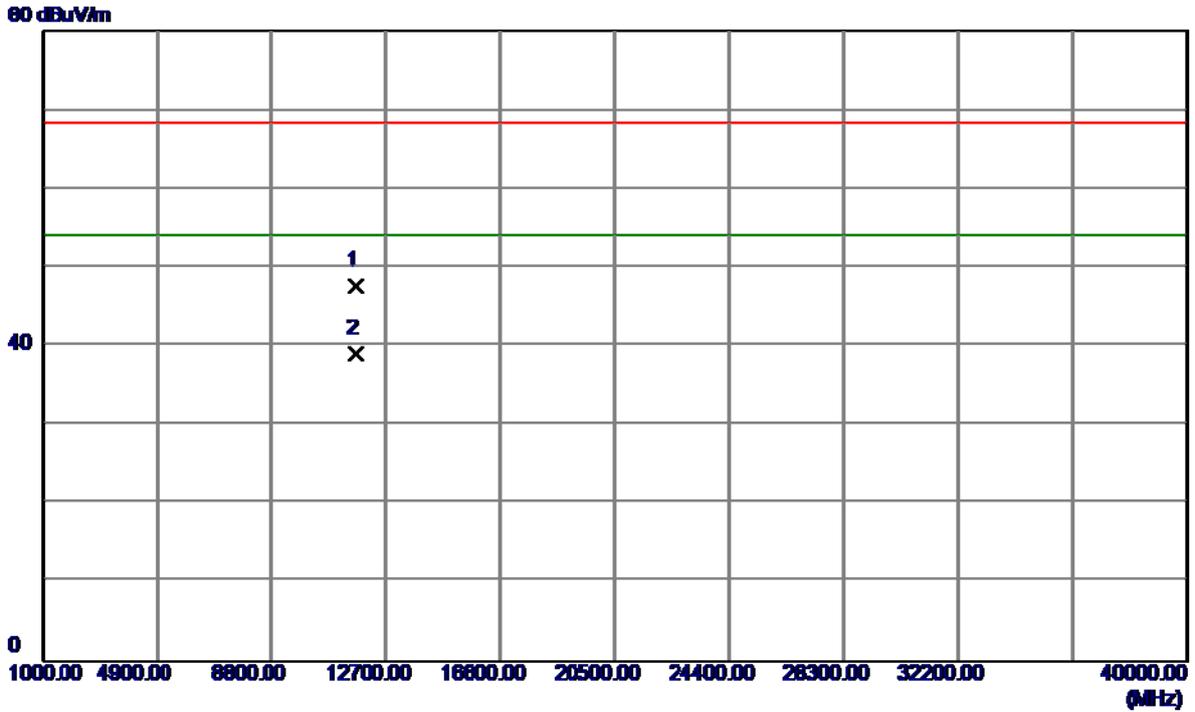
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5828.3000	56.94	41.41	98.35	68.30	30.05	AVG	No Limit
2	5850.0000	7.74	41.44	49.18	68.30	-19.12	AVG	
3	5860.0000	7.02	41.45	48.47	68.30	-19.83	AVG	
4	5850.0000	17.18	41.44	58.62	78.30	-19.68	Peak	
5	5860.0000	17.70	41.45	59.15	78.30	-19.15	Peak	
6	5826.6000	66.46	41.40	107.86	78.30	29.56	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

**Vertical**

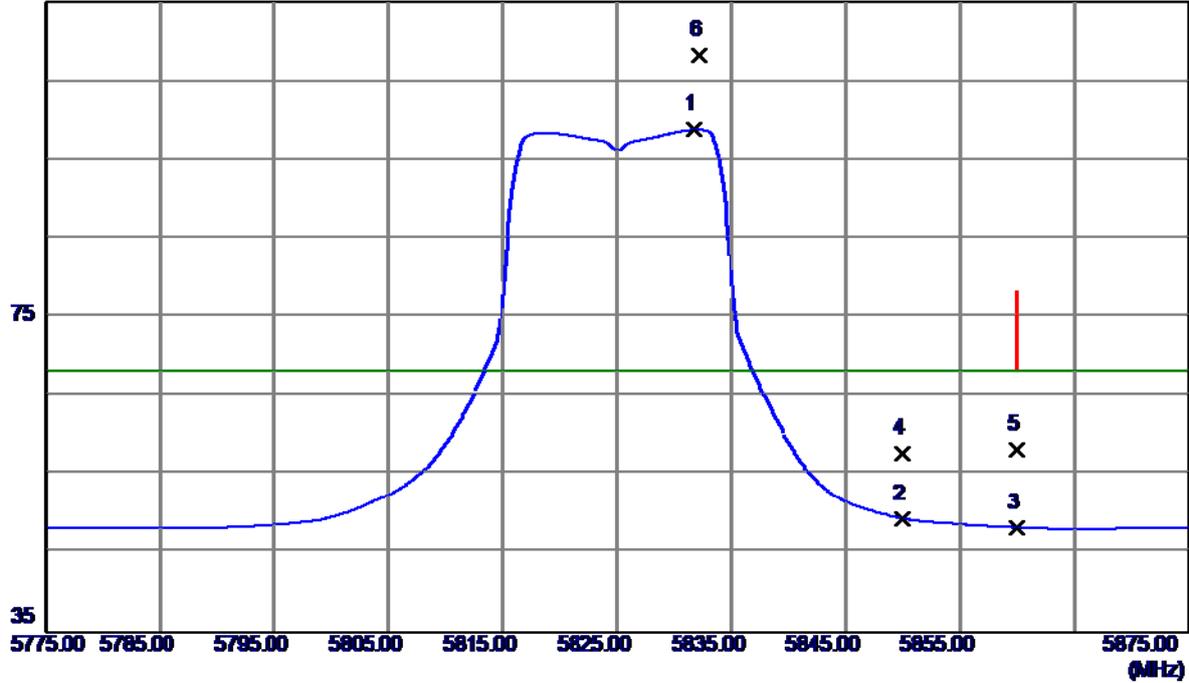


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.4860	30.48	17.17	47.65	68.30	-20.65	Peak	
2	11650.8300	21.83	17.17	39.00	54.00	-15.00	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

### Horizontal

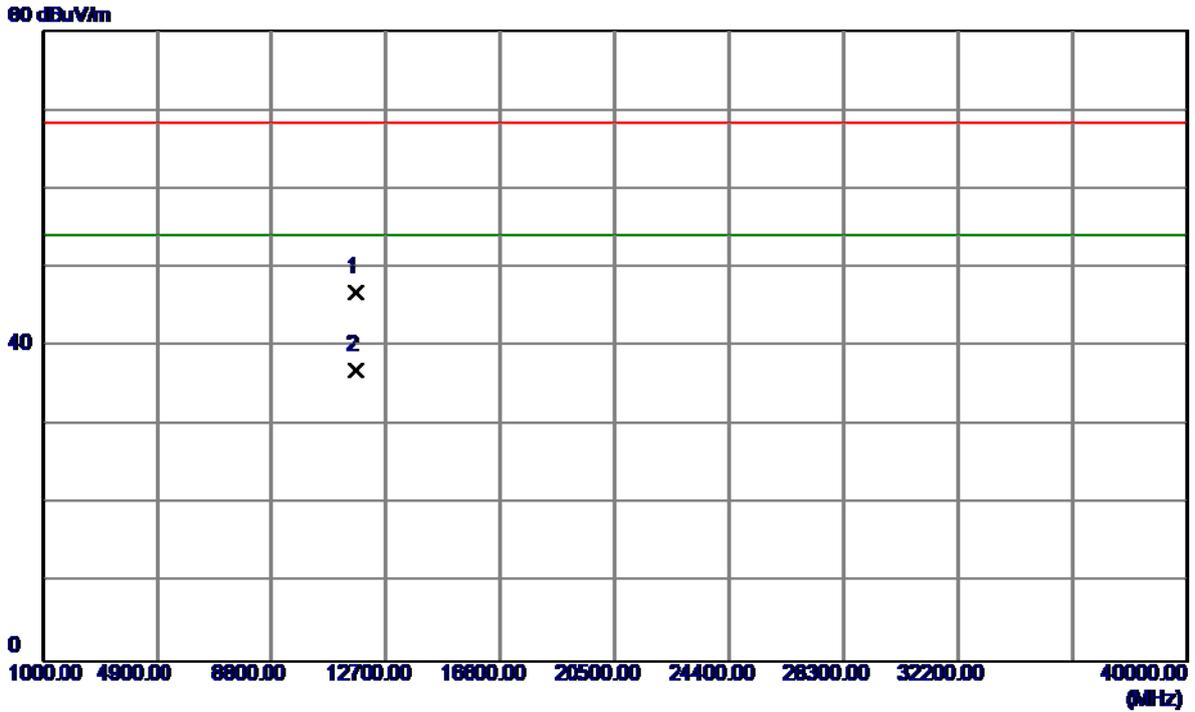
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5831.8000	57.38	41.41	98.79	68.30	30.49	AVG	No Limit
2	5850.0000	8.03	41.44	49.47	68.30	-18.83	AVG	
3	5860.0000	6.89	41.45	48.34	68.30	-19.96	AVG	
4	5850.0000	16.29	41.44	57.73	78.30	-20.57	Peak	
5	5860.0000	16.73	41.45	58.18	78.30	-20.12	Peak	
6	5832.2000	66.84	41.41	108.25	78.30	29.95	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

### Horizontal

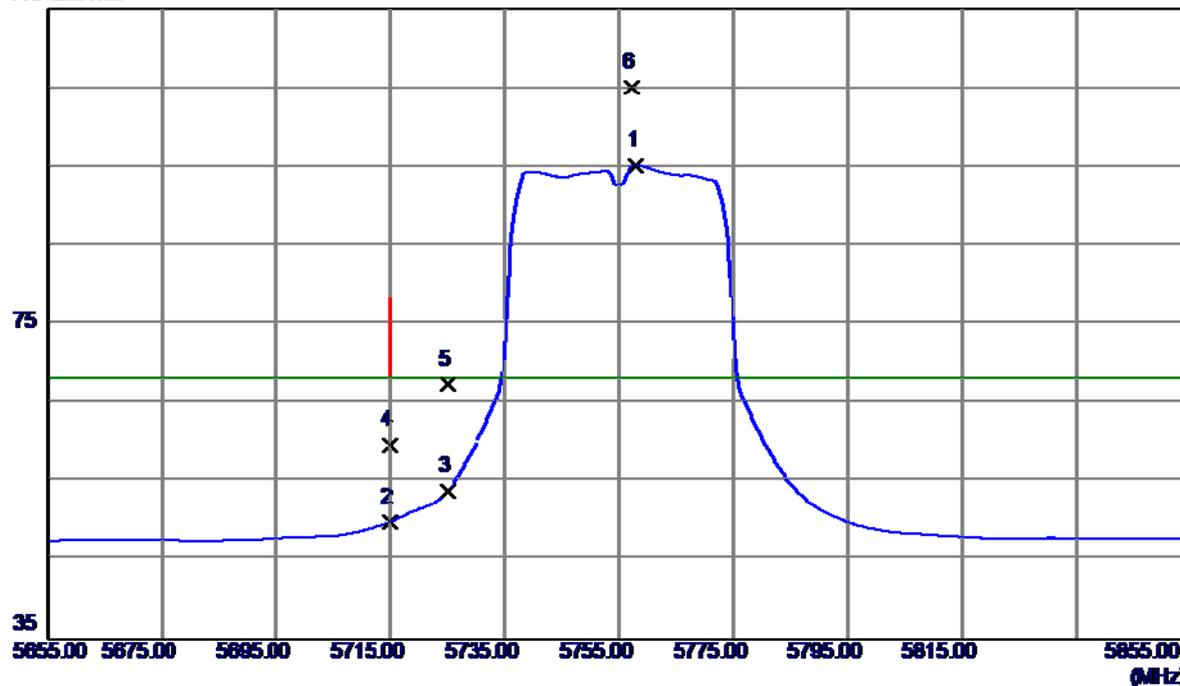


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.3400	29.71	17.17	46.88	68.30	-21.42	Peak	
2	11650.3400	19.85	17.17	37.02	54.00	-16.98	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

### Vertical

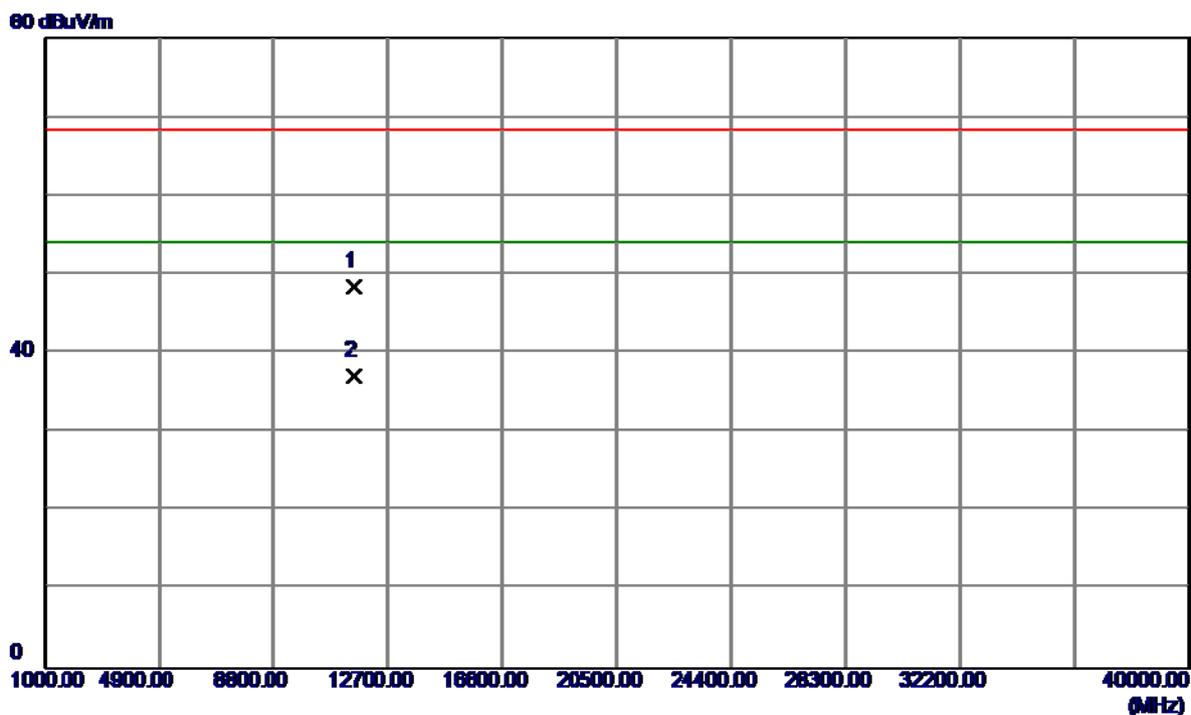
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5758.0000	53.91	41.31	95.22	68.30	26.92	AVG	No Limit
2	5715.0000	8.60	41.25	49.85	68.30	-18.45	AVG	
3	5725.0000	12.65	41.27	53.92	68.30	-14.38	AVG	
4	5715.0000	18.39	41.25	59.64	68.30	-8.66	Peak	
5	5725.0000	26.13	41.27	67.40	78.30	-10.90	Peak	
6	5757.2000	63.76	41.31	105.07	78.30	26.77	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

**Vertical**

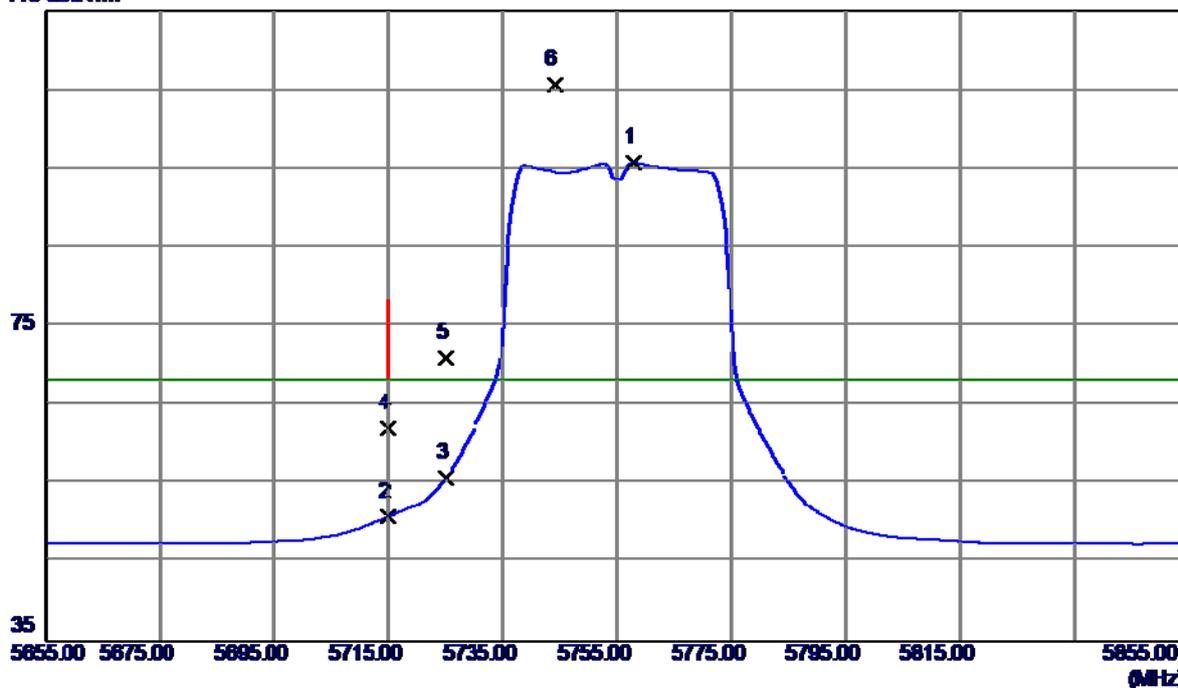


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.7730	31.57	16.95	48.52	68.30	-19.78	Peak	
2	11510.2730	20.16	16.95	37.11	54.00	-16.89	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

### Horizontal

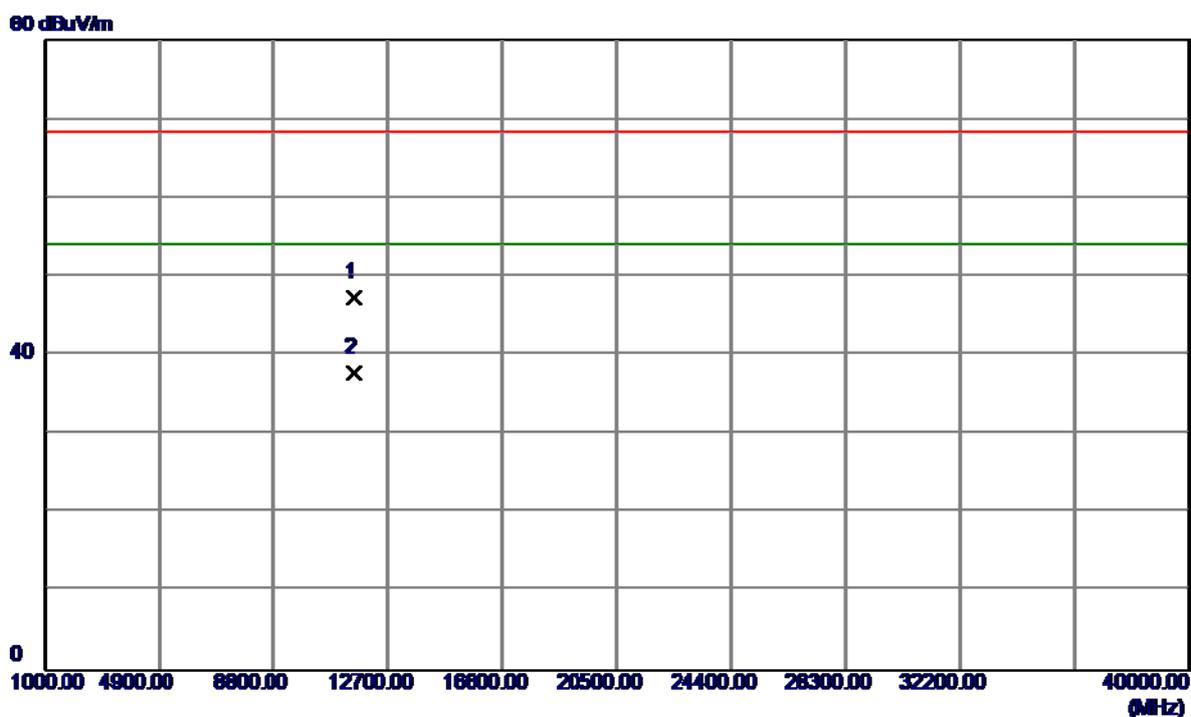
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5757.8000	54.46	41.31	95.77	68.30	27.47	AVG	No Limit
2	5715.0000	9.55	41.25	50.80	68.30	-17.50	AVG	
3	5725.0000	14.49	41.27	55.76	68.30	-12.54	AVG	
4	5715.0000	20.82	41.25	62.07	68.30	-6.23	Peak	
5	5725.0000	29.69	41.27	70.96	78.30	-7.34	Peak	
6	5744.0000	64.40	41.29	105.69	78.30	27.39	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

### Horizontal

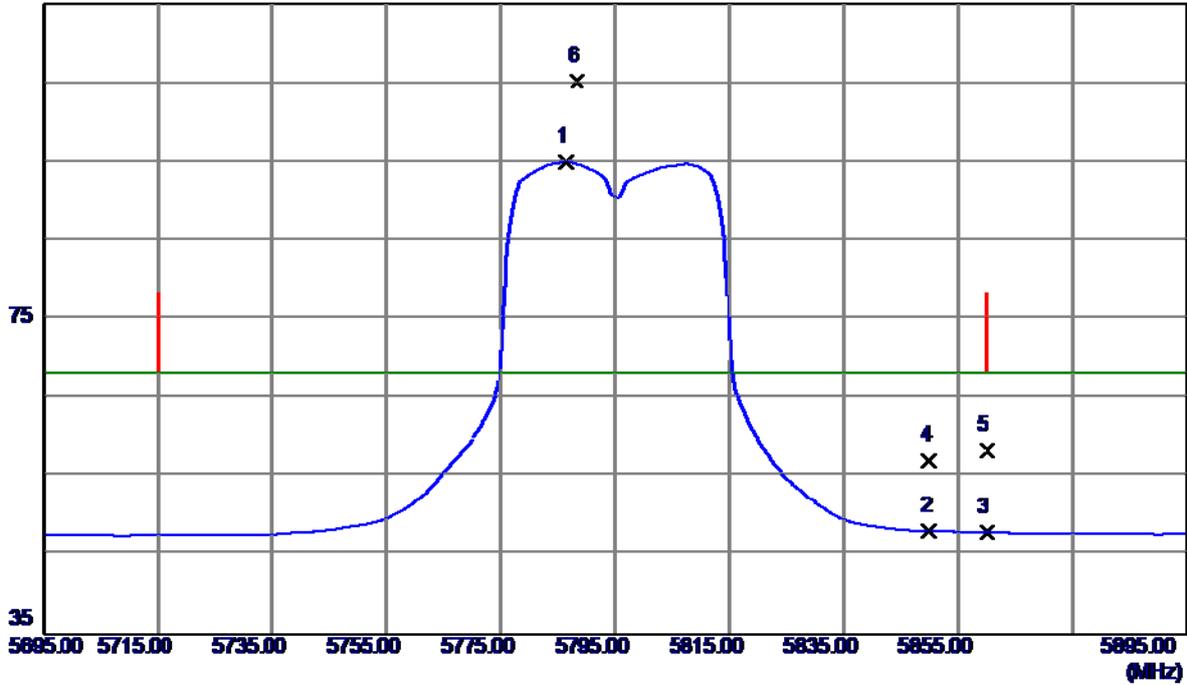


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.4970	30.36	16.95	47.31	68.30	-20.99	Peak	
2	11510.7939	20.75	16.95	37.70	54.00	-16.30	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Vertical

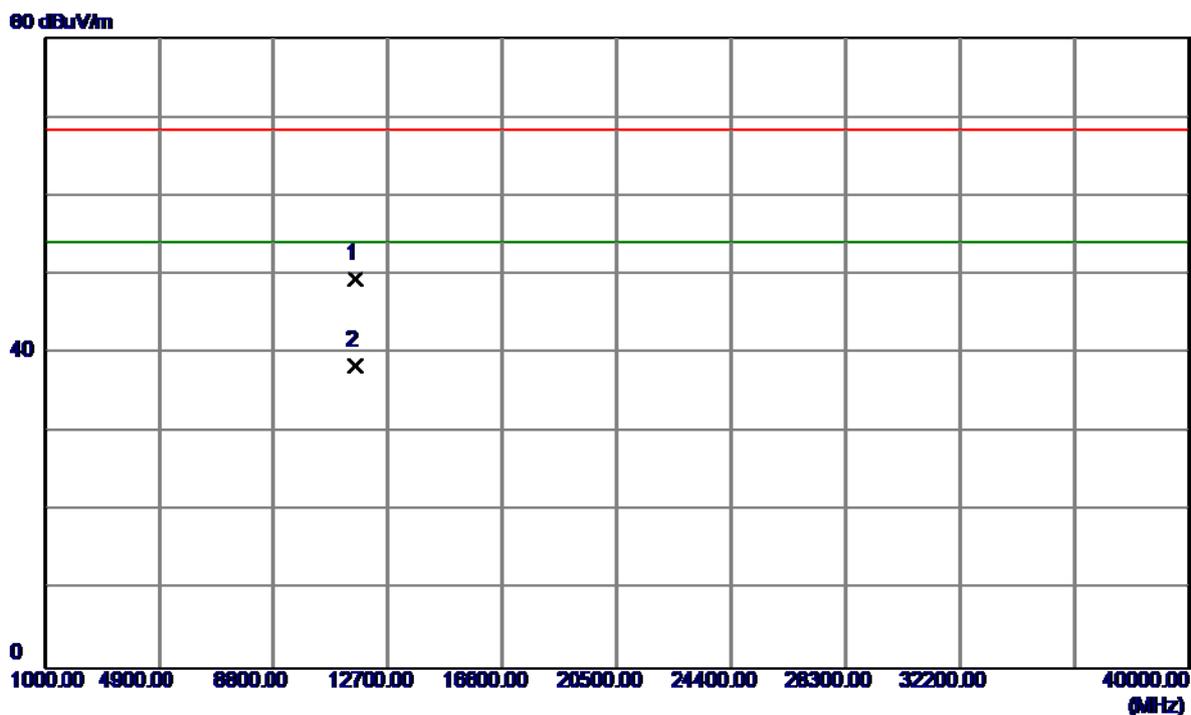
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5786.4000	53.60	41.35	94.95	68.30	26.65	AVG	No Limit
2	5850.0000	6.71	41.44	48.15	68.30	-20.15	AVG	
3	5860.0000	6.55	41.45	48.00	68.30	-20.30	AVG	
4	5850.0000	15.58	41.44	57.02	78.30	-21.28	Peak	
5	5860.0000	16.95	41.45	58.40	78.30	-19.90	Peak	
6	5788.4000	63.93	41.35	105.28	78.30	26.98	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

### Vertical

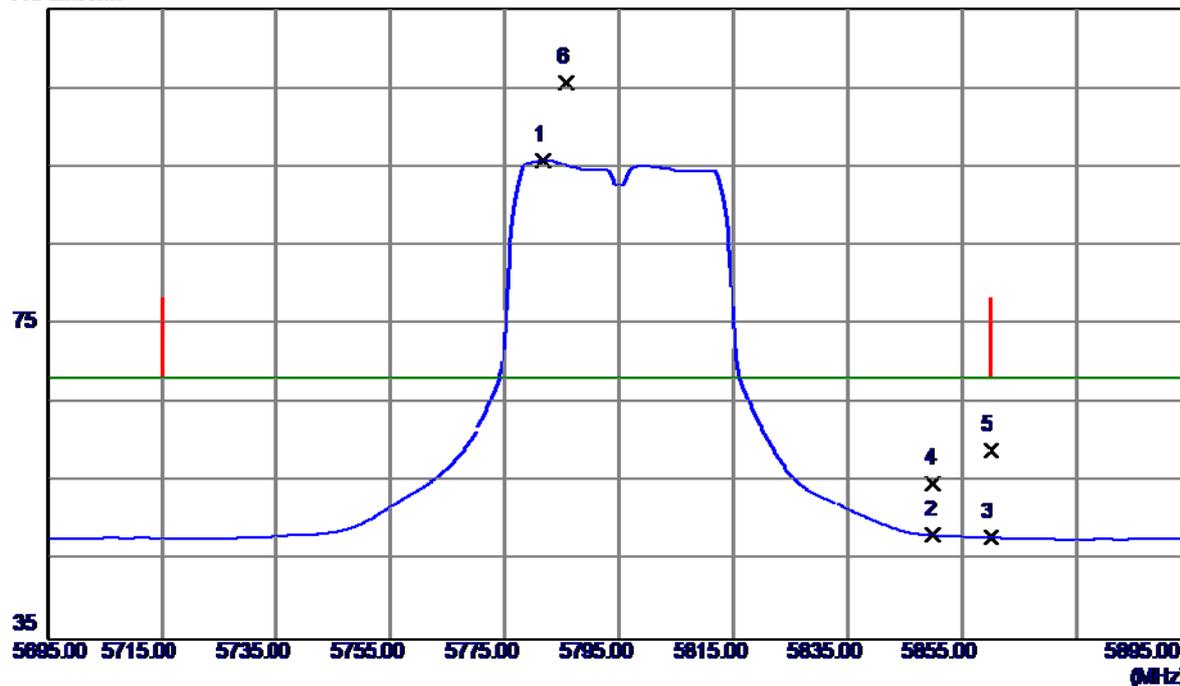


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.5490	32.38	17.08	49.46	68.30	-18.84	Peak	
2	11590.0460	21.38	17.08	38.46	54.00	-15.54	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

### Horizontal

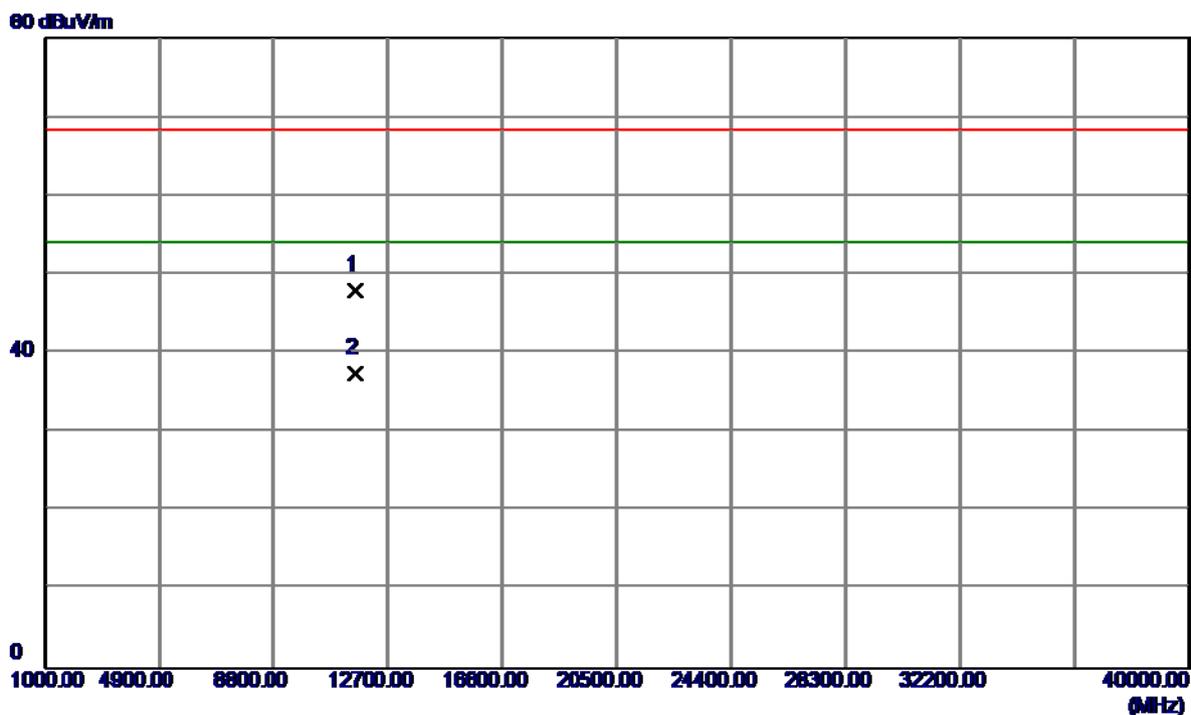
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5781.6000	54.45	41.34	95.79	68.30	27.49	AVG	No Limit
2	5850.0000	6.77	41.44	48.21	68.30	-20.09	AVG	
3	5860.0000	6.48	41.45	47.93	68.30	-20.37	AVG	
4	5850.0000	13.36	41.44	54.80	78.30	-23.50	Peak	
5	5860.0000	17.53	41.45	58.98	78.30	-19.32	Peak	
6	5785.6000	64.37	41.35	105.72	78.30	27.42	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

### Horizontal

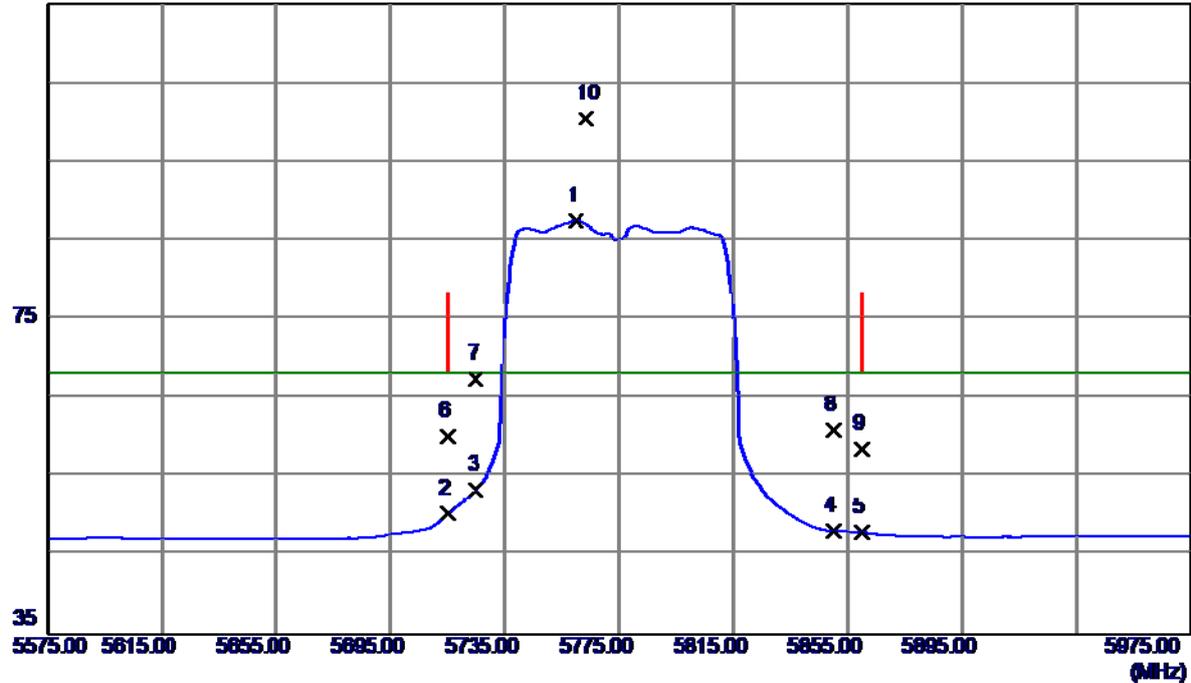


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.7400	30.94	17.08	48.02	68.30	-20.28	Peak	
2	11590.7400	20.38	17.08	37.46	54.00	-16.54	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

**Vertical**

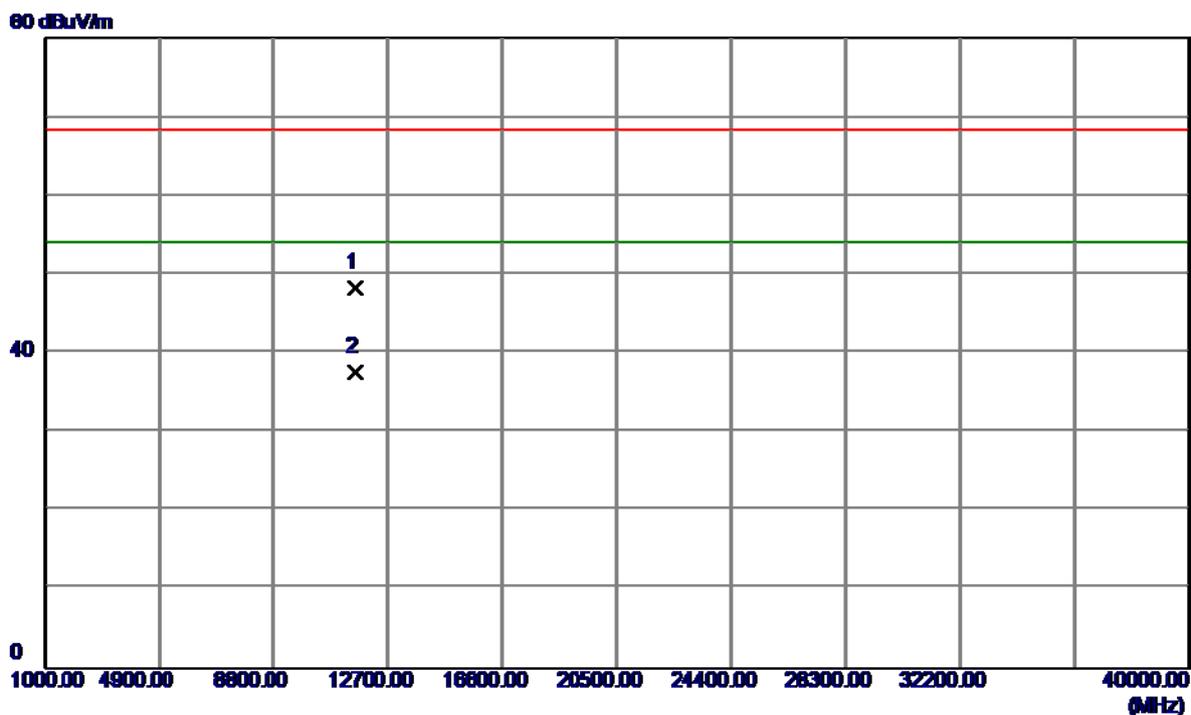
**115 dBuV/m**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5759.8000	46.24	41.31	87.55	68.30	19.25	AVG	No Limit
2	5715.0000	9.06	41.25	50.31	68.30	-17.99	AVG	
3	5725.0000	12.15	41.27	53.42	68.30	-14.88	AVG	
4	5850.0000	6.66	41.44	48.10	68.30	-20.20	AVG	
5	5860.0000	6.47	41.45	47.92	68.30	-20.38	AVG	
6	5715.0000	18.91	41.25	60.16	68.30	-8.14	Peak	
7	5725.0000	26.15	41.27	67.42	78.30	-10.88	Peak	
8	5850.0000	19.44	41.44	60.88	78.30	-17.42	Peak	
9	5860.0000	17.03	41.45	58.48	78.30	-19.82	Peak	
10	5763.4000	59.05	41.32	100.37	78.30	22.07	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

### Vertical

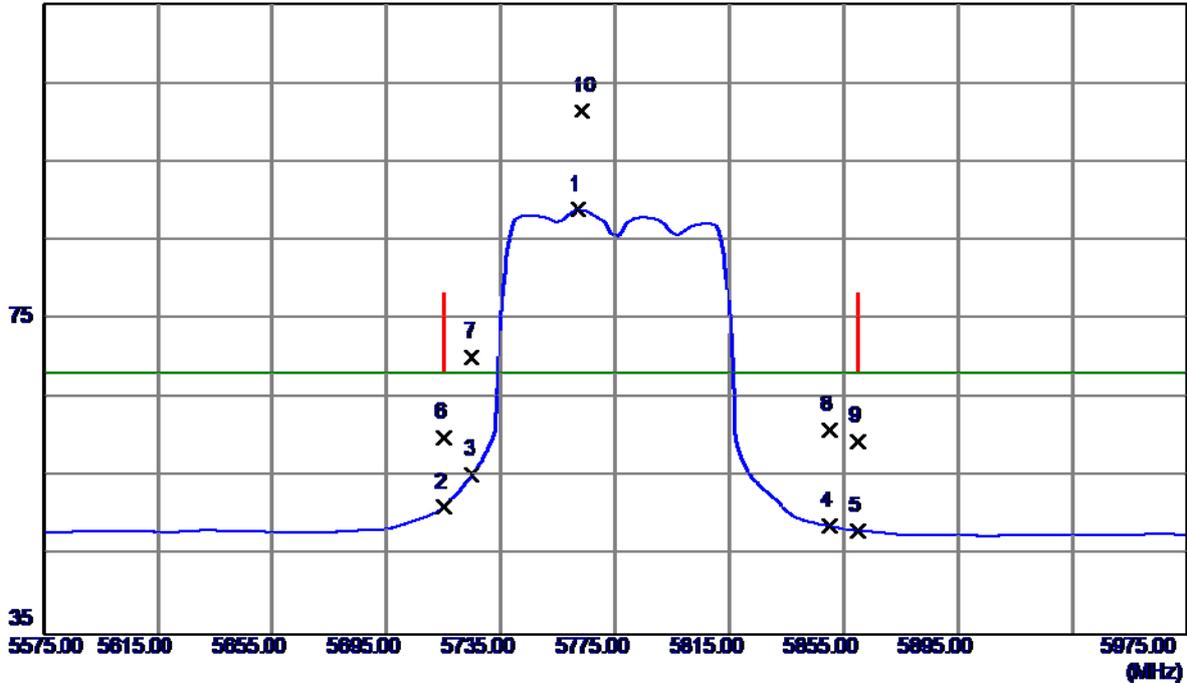


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11552.7260	31.25	17.02	48.27	68.30	-20.03	Peak	
2	11552.3339	20.52	17.02	37.54	54.00	-16.46	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

### Horizontal

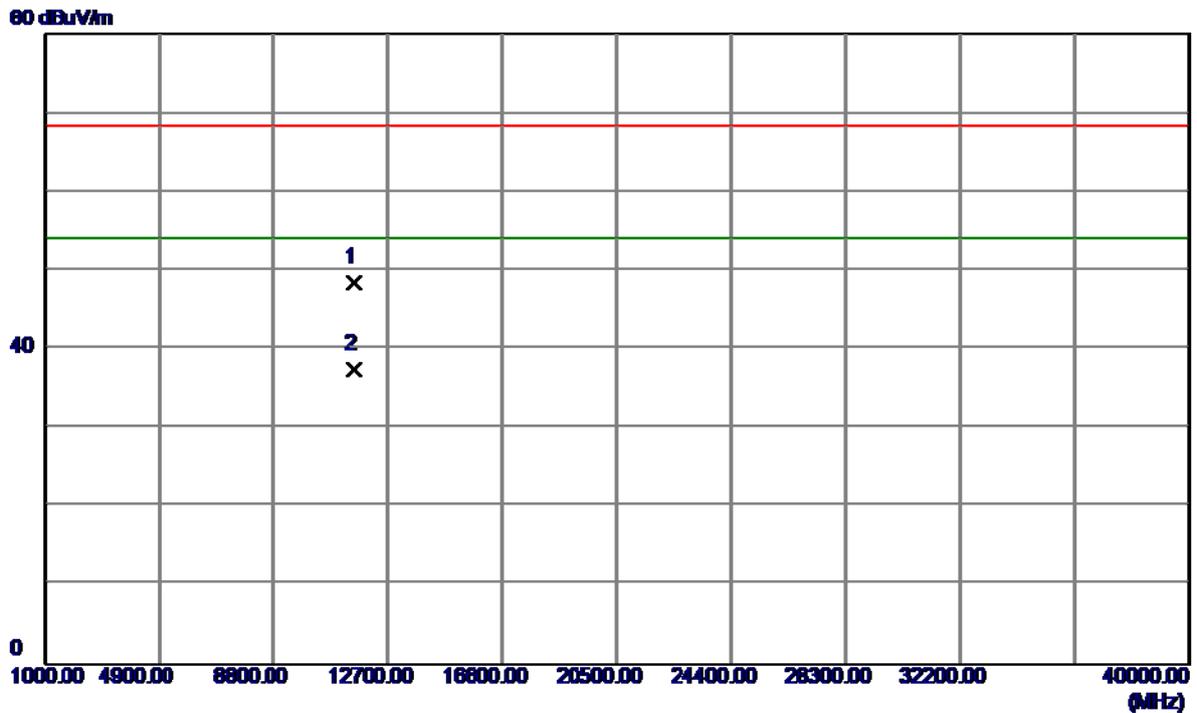
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5762.2000	47.55	41.32	88.87	68.30	20.57	AVG	No Limit
2	5715.0000	9.92	41.25	51.17	68.30	-17.13	AVG	
3	5725.0000	14.03	41.27	55.30	68.30	-13.00	AVG	
4	5850.0000	7.29	41.44	48.73	68.30	-19.57	AVG	
5	5860.0000	6.73	41.45	48.18	68.30	-20.12	AVG	
6	5715.0000	18.76	41.25	60.01	68.30	-8.29	Peak	
7	5725.0000	28.94	41.27	70.21	78.30	-8.09	Peak	
8	5850.0000	19.55	41.44	60.99	78.30	-17.31	Peak	
9	5860.0000	17.99	41.45	59.44	78.30	-18.86	Peak	
10	5763.4000	60.11	41.32	101.43	78.30	23.13	Peak	No Limit

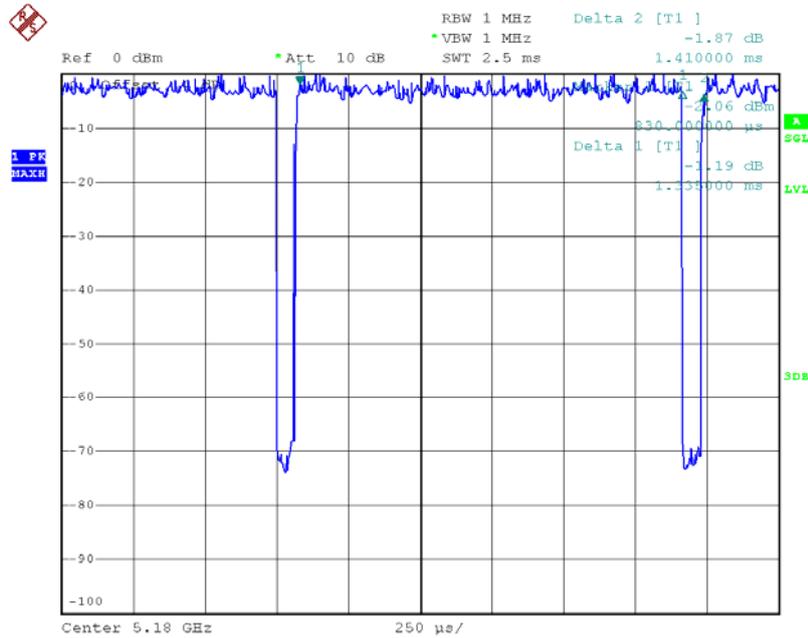
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11550.7350	31.52	17.02	48.54	68.30	-19.76	Peak	
2	11550.4680	20.49	17.02	37.51	54.00	-16.49	AVG	

### TX A Mode\_DUTY CYCLE



Date: 16.MAR.2016 16:41:13

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

$T_{\text{ON}}$ : 1.34 msec

$T_{\text{Total}}$ : 1.41 msec

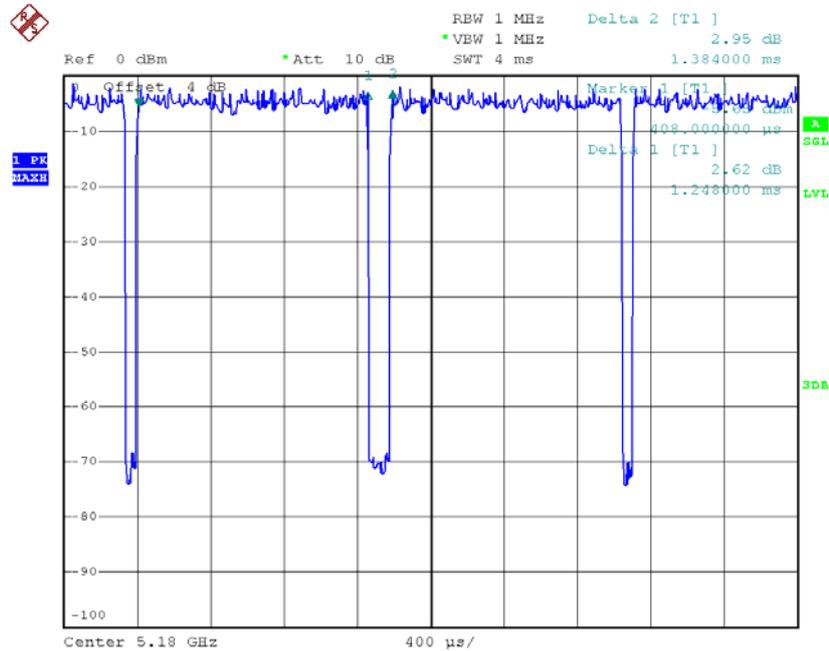
Duty cycle: 95.04%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

Duty Factor = 0.22

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

### TX N20 Mode\_DUTY CYCLE



Date: 16.MAR.2016 16:46:10

Duty cycle: TX DUTYMHZ

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

$T_{\text{ON}}$ : 1.25 msec

$T_{\text{Total}}$ : 1.38 msec

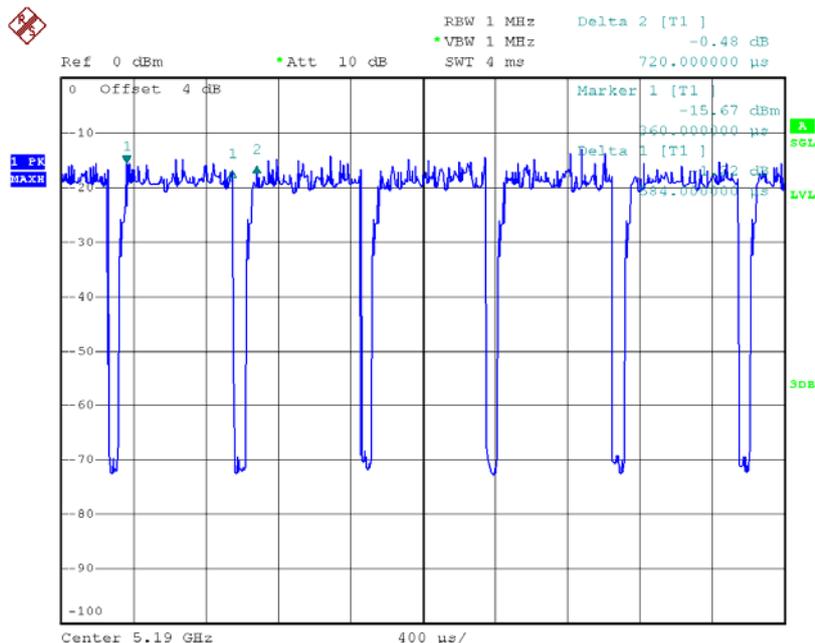
Duty cycle: 90.58%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

Duty Factor = 0.43

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

### TX N40 Mode\_DUTY CYCLE



Date: 16.MAR.2016 16:54:46

Duty cycle: TX DUTYMHZ

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

$T_{\text{ON}}$ : 0.58 msec

$T_{\text{Total}}$ : 0.72 msec

Duty cycle: 80.56%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

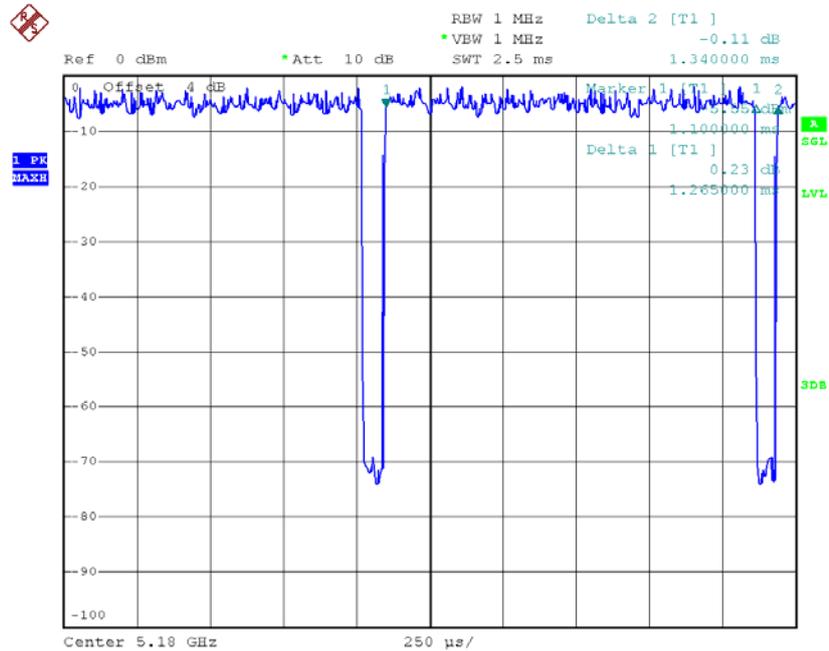
Duty Factor = 0.94

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be calculated

as Output Power = Measured power + Duty factor

Power Spectral Density = Measured density + Duty factor

### TX AC20 Mode\_DUTY CYCLE



Date: 16.MAR.2016 16:50:30

Duty cycle: TX DUTYMHZ

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

$T_{\text{ON}}$ : 1.27 msec

$T_{\text{Total}}$ : 1.34 msec

Duty cycle: 94.78%

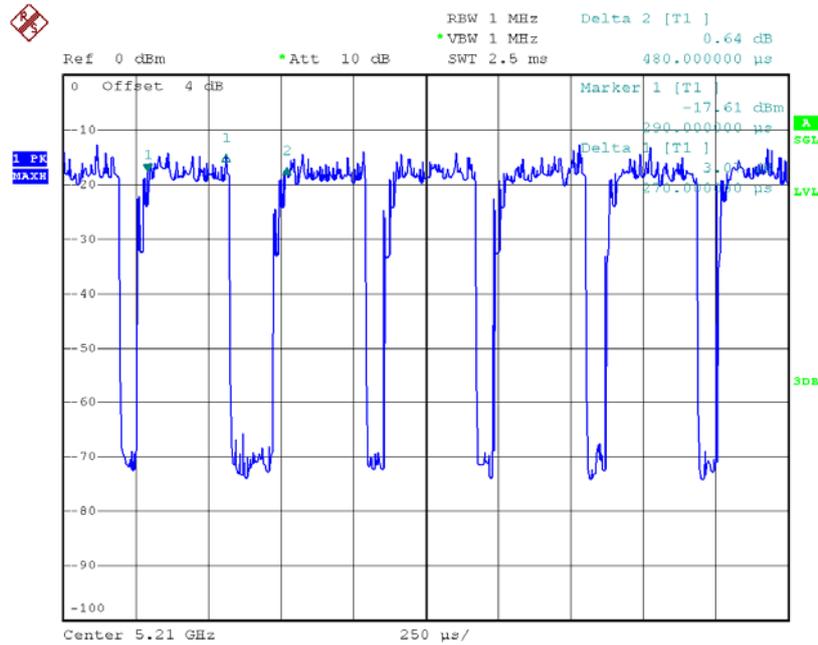
$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

Duty Factor = 0.23

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



### TX AC80 Mode\_DUTY CYCLE



Date: 16.MAR.2016 17:03:30

Duty cycle: TX DUTYMHZ

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

$T_{\text{ON}}$ : 0.27 msec

$T_{\text{Total}}$ : 0.48 msec

Duty cycle: 56.25%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

Duty Factor = 2.50

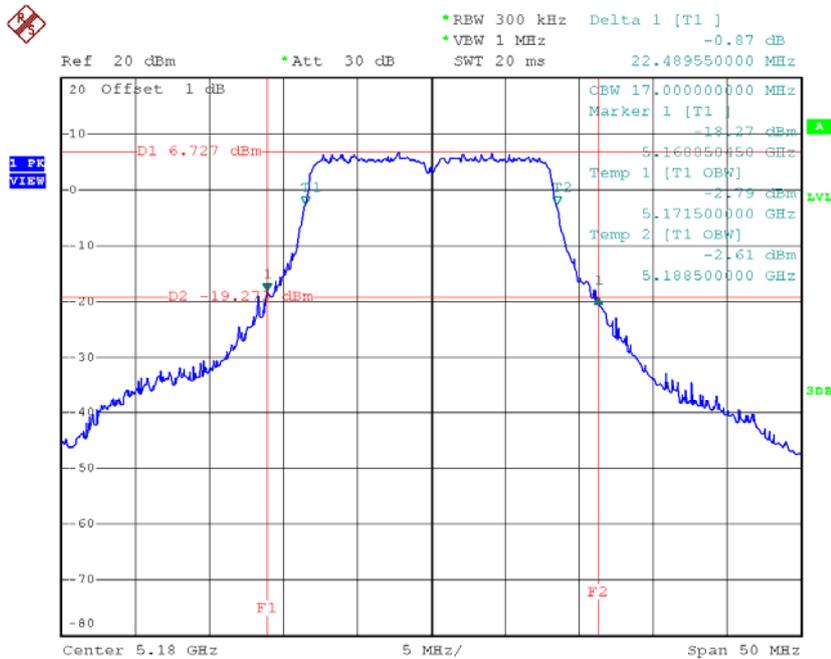
Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be calculated as Output Power = Measured power + Duty factor  
 Power Spectral Density = Measured density + Duty factor

## ATTACHMENT E - BANDWIDTH

**Test Mode: UNII-1/TX A Mode\_CH36/CH40/CH48**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.49	17.00
CH40	5200	21.90	17.00
CH48	5240	22.54	16.90

**TX CH36**



Date: 1.APR.2015 15:21:50