

# FCC&IC Radio Test Report

**FCC ID: Q78-ZXHNH268A**

**IC: 5200A-HNH268A**

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

**Project No.** : 1511C243  
**Equipment** : Home Gateway  
**Model Name** : ZXHN H268A  
**Applicant** : ZTE Corporation  
**Address** : ZTE Plaza, Hi-Tech Park, Nanshan District,  
Shenzhen, Guangdong, P.R.China

**Date of Receipt** : Nov. 24, 2015  
**Date of Test** : Nov. 24, 2015 ~ May 26, 2016  
**Issued Date** : May 26, 2016  
**Tested by** : BTL Inc.

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FICP-2-1511C243	Original Issue.	May 26, 2016

## 1. CERTIFICATION

Equipment : Home Gateway  
Brand Name : ZTE 中兴, ZTE  
Model Name : ZXHN H268A  
Applicant : ZTE Corporation  
Manufacturer: ZTE Corporation  
Address : ZTE Plaza, Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, P.R.China  
Factory : ZTE Corporation  
Address : ZTE Plaza, Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, P.R.China  
Date of Test : Nov. 24, 2015 ~ May 26, 2016  
Test Sample : Engineering Sample  
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013  
RSS-247 Issue 1 May 2015  
RSS-GEN Issue 4, Nov 2014

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-FICP-2-1511C243) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E RSS-247 Issue 1 May 2015, RSS-GEN Issue 4, Nov 2014				
Standard(s) Section		Test Item	Judgment	Remark
FCC	IC			
15.207	RSS-GEN 8.8	AC Power Line Conducted Emissions	PASS	
15.407(a)	RSS-247 6.2.2 (1)	Spectrum Bandwidth	PASS	
15.407(a)	RSS-247 6.2.2 (1)	Maximum Conducted Output Power	PASS	
15.407(a)	RSS-247 6.2.2 (1)	Power Spectral Density	PASS	
15.407(a)	RSS-247 6.2.2 (2)	Radiated Emissions	PASS	
15.407(b)	RSS-247 6.2.2 (2)	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

BTL's test firm number for IC: 4428B-1

## 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	Home Gateway	
Brand Name	ZTE 中兴, ZTE	
Model Name	ZXHN H268A	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	1.3Gbps
Power Source	DC voltage supplied from AC/DC adapter. Mode: RD1202000-C55-29MG	
Power Rating	I/P: AC 100-240V 50/60Hz 0.6A O/P: DC 12V 2.0A	
Output Power	Output Power (Max.)for UNII-1	802.11a: 20.93dBm 802.11n (20M): 21.91dBm 802.11n (40M): 23.76dBm 802.11ac (20M): 26.24dBm 802.11ac (40M): 23.12dBm 802.11ac (80M): 20.08dBm
	RSS-247 EIRP Output Power (Max.)for UNII-1	802.11a: 19.98dBm 802.11n (20M): 19.28dBm 802.11n (40M): 21.56dBm 802.11ac (20M): 18.93dBm 802.11ac (40M): 21.22dBm 802.11ac (80M): 21.87dBm
	Output Power (Max.)for UNII-2A	802.11a: 20.32dBm 802.11n (20M): 20.93dBm 802.11n (40M): 20.67dBm 802.11ac (20M): 19.77dBm 802.11ac (40M): 20.41dBm 802.11ac (80M): 20.64dBm
	Output Power (Max.)for UNII-2C	802.11a: 20.56dBm 802.11n (20M): 20.18dBm 802.11n (40M): 23.79dBm 802.11ac (20M): 19.78dBm 802.11ac (40M): 23.50dBm 802.11ac (80M): 23.51dBm
	Output Power (Max.)for UNII-3	802.11a: 25.66dBm 802.11n (20M): 28.76dBm 802.11n (40M): 25.59dBm 802.11ac (20M): 27.28dBm 802.11ac (40M): 24.35dBm 802.11ac (80M): 22.05dBm

Note:

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

2. Channel List:

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
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				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
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				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
132	5660				
136	5680				
140	5700				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
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. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	W5G-C04-L	Internal	N/A	2	TX/RX
2	N/A	W5G-C04-L	Internal	N/A	2	TX/RX
3	N/A	W5G-C04-L	Internal	N/A	2	TX/RX

Note:

- (1) The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (3T3R).
- (2) ANT 1 was the worst case for 1TX.

4.

Operating Mode TX Mode	1TX	2TX
802.11a	V (ANT 1)	-
802.11n(20MHz)	-	V (ANT 1 + ANT 2+ ANT 3)
802.11n(40MHz)	-	V (ANT 1 + ANT 2+ ANT 3)
802.11ac(20MHz)	-	V (ANT 1 + ANT 2+ ANT 3)
802.11ac(40MHz)	-	V (ANT 1 + ANT 2+ ANT 3)
802.11ac(80MHz)	-	V (ANT 1 + ANT 2+ ANT 3)

### 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	Normal Link

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	Normal Link

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

**Note:**

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

### 3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1			
Test Software Version	ART		
Frequency (MHz)	5180	5200	5240
A Mode	69	67	75
N20 Mode	50	53	62
Frequency (MHz)	5190	5230	
N40 Mode	54	68	

UNII-2A			
Test Software Version	ART		
Frequency (MHz)	5260	5300	5320
A Mode	70	73	70
N20 Mode	56	57	57
Frequency (MHz)	5270	5310	
N40 Mode	55	55	

UNII-2C			
Test Software Version	ART		
Frequency (MHz)	5500	5580	5700
A Mode	70	75	68
N20 Mode	55	56	55
Frequency (MHz)	5510	5550	5670
N40 Mode	58	67	70

UNII-3			
Test Software Version	ART		
Frequency (MHz)	5745	5785	5825
A Mode	68	91	61
N20 Mode	65	88	65
Frequency (MHz)	5755	5795	
N40 Mode	58	77	

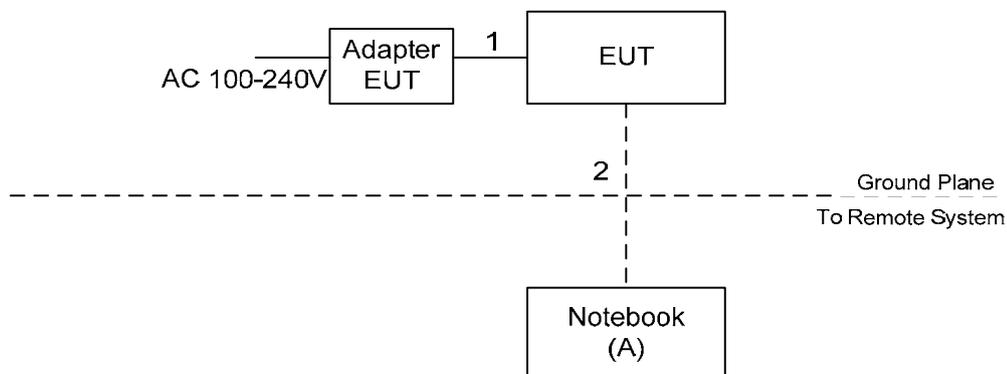
UNII-1			
Test Software Version	ART		
Frequency (MHz)	5180	5200	5240
AC20 Mode	50	53	80
Frequency (MHz)	5190	5230	
AC40 Mode	55	68	
Frequency (MHz)	5210		
AC80 Mode	52		

UNII-2A			
Test Software Version	ART		
Frequency (MHz)	5260	5300	5320
AC20 Mode	55	55	55
Frequency (MHz)	5270	5310	
AC40 Mode	53	53	
Frequency (MHz)	5290		
AC80 Mode	52		

UNII-2C			
Test Software Version	ART		
Frequency (MHz)	5500	5580	5700
AC20 Mode	55	56	56
Frequency (MHz)	5510	5550	5670
AC40 Mode	57	66	70
Frequency (MHz)	5530	5610	
AC80 Mode	59	70	

UNII-3			
Test Software Version	ART		
Frequency (MHz)	5745	5785	5825
AC20 Mode	63	91	63
Frequency (MHz)	5755	5795	
AC40 Mode	58	75	
Frequency (MHz)	5775		
AC80 Mode	59		

### 3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



### 3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	DELL	745	DOC	G7K832X

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.2m	DC Cable
2	NO	NO	10m	RJ-45 Cable

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) 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

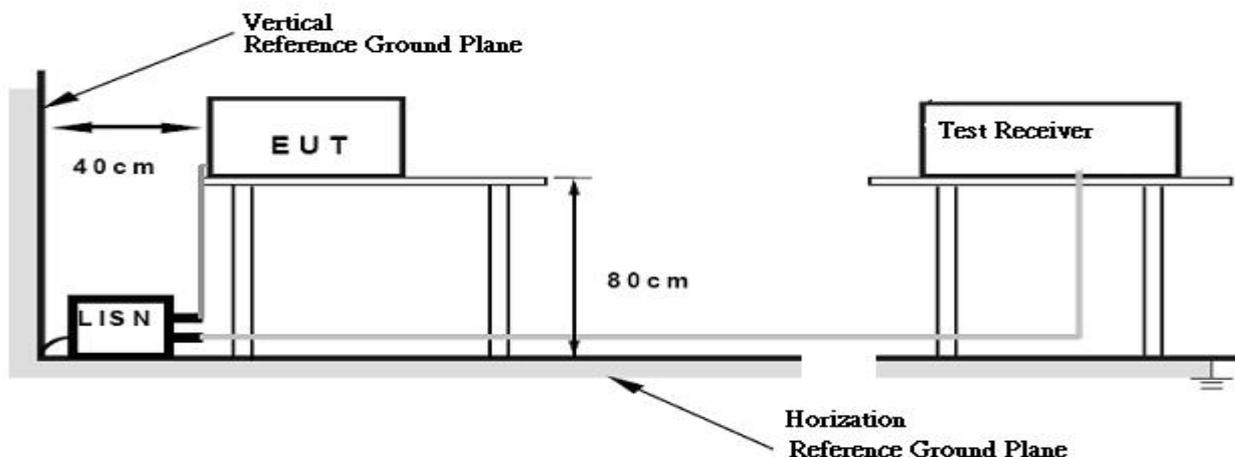
#### 4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TEST SETUP



#### 4.1.5 EUT OPERATING CONDITIONS

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

The EUT was programmed to be in continuously transmitting/TX Mode mode.

#### 4.1.6 EUT TEST CONDITIONS

Temperature: 24°C    Relative Humidity: 60%    Test Voltage: AC 120V/60Hz

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of 『Note 』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “ \* ” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150kHz to 30MHz.

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.205(a) & RSS-247 5.5, then the 15.209(a) & RSS-Gen limit in the table below has to be followed.

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

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) 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 (dBμV/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

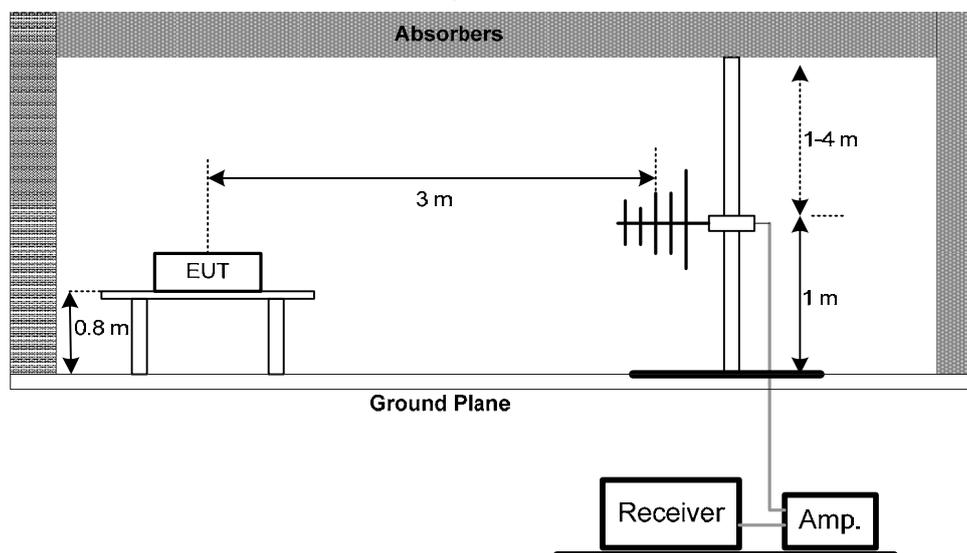
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

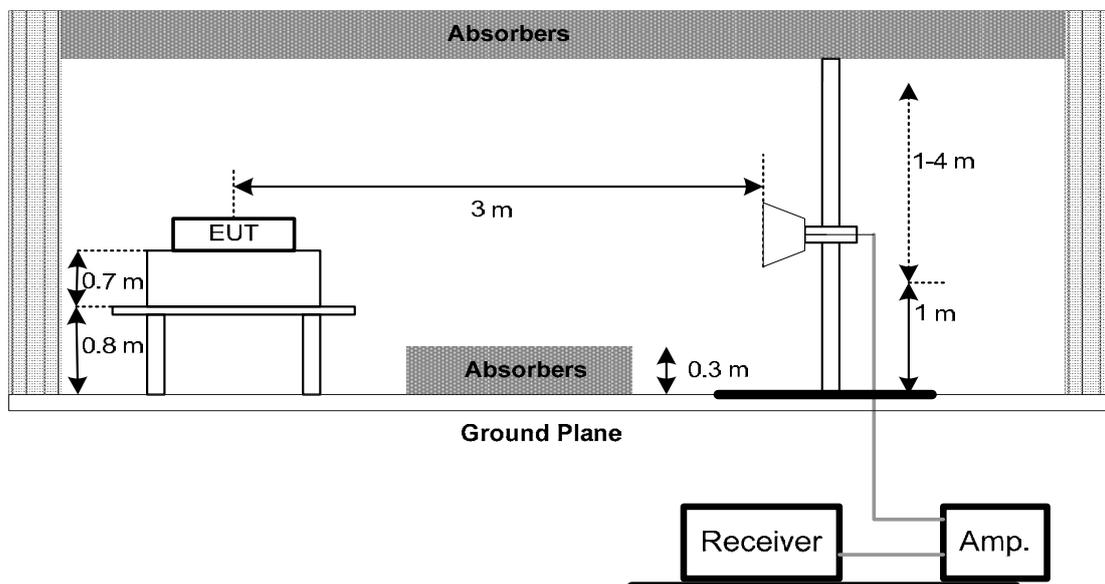
No deviation

#### 4.2.4 TEST SETUP

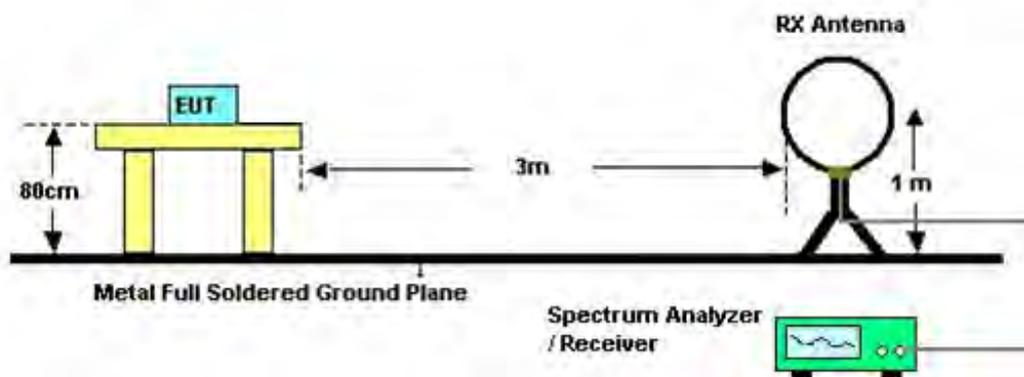
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



(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: 24°C    Relative Humidity: 56%    Test Voltage: AC 120V/60Hz

#### 4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

#### 4.2.8 TEST RESULTS (30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120kHz, SPA setting in RBW=120kHz, VBW=120kHz, Swp. Time = 0.3 sec./MHz ◦
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz ◦
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

#### 4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

- (1) Spectrum Setting: 30MHz – 1000MHz, RBW= 100kHz, VBW=100kHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (4) Data of measurement within this frequency range shown “\*” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axes:  
“X” - denotes Laid on Table, “Y” - denotes Vertical Stand, “Z” - denotes Side Stand
- (7) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
- (8) No limit: This is fundamental signal, the judgment is not applicable.  
For fundamental signal judgment was referred to Peak output test.

## 5. SPECTRUM BANDWIDTH

### 5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E / RSS-247			
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: 24°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) - for outdoor.			

RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
e.i.r.p power	not exceed 200 mW (23dBm)	5150-5250	PASS
	$10 + 10 \log_{10} B$		
Conducted Output Power	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	PASS
	1 Watt (30dBm)	5725-5850	PASS

### 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: 24°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 / RSS-247			
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: 24°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

RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	10dBm/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	Max Hold
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: 24°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 / RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5250-5350	PASS
		5470-5725	PASS
		5725-5850	PASS

#### 9.1.1 TEST PROCEDURE

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

b.

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

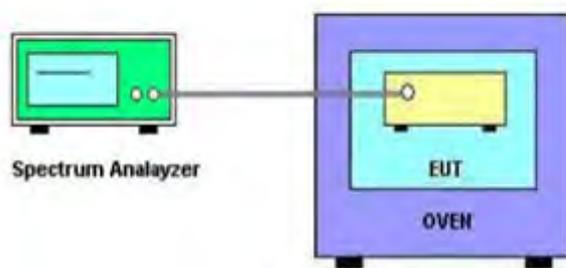
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

#### 9.1.2 DEVIATION FROM STANDARD

No deviation.

### 9.1.3 TEST SETUP



### 9.1.4 EUT OPERATION CONDITIONS

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

### 9.1.5 EUT TEST CONDITIONS

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

### 9.1.6 TEST RESULTS

Please refer to the Attachment I.

## 10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30M Hz)	C_17	Mar. 10, 2017
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122902	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-1 GHz)	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-26.5G Hz)	C-68	Jun. 28, 2016
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 27, 2017
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
13	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 27, 2017
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 27, 2017

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

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

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Const Temp. & Humidity Chamber	Giant Force	ITH-225-20-S	IAB0309-001	Dec.04 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

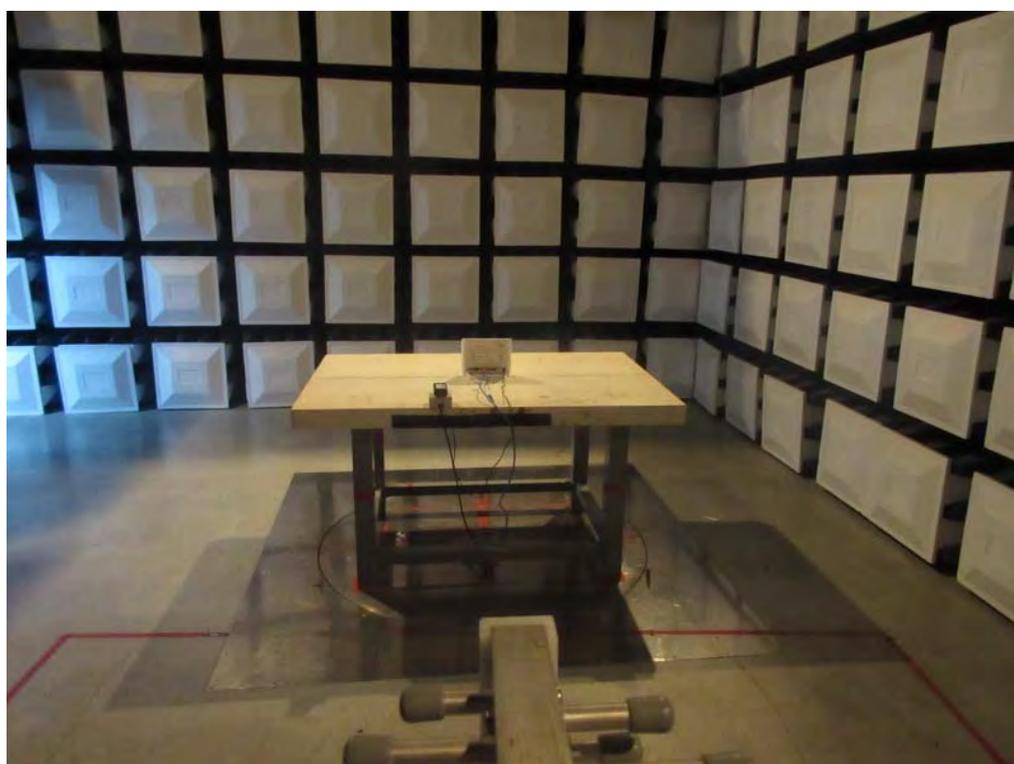
### Conducted Measurement Photos



**Radiated Measurement Photos  
9KHz to 30MHz**



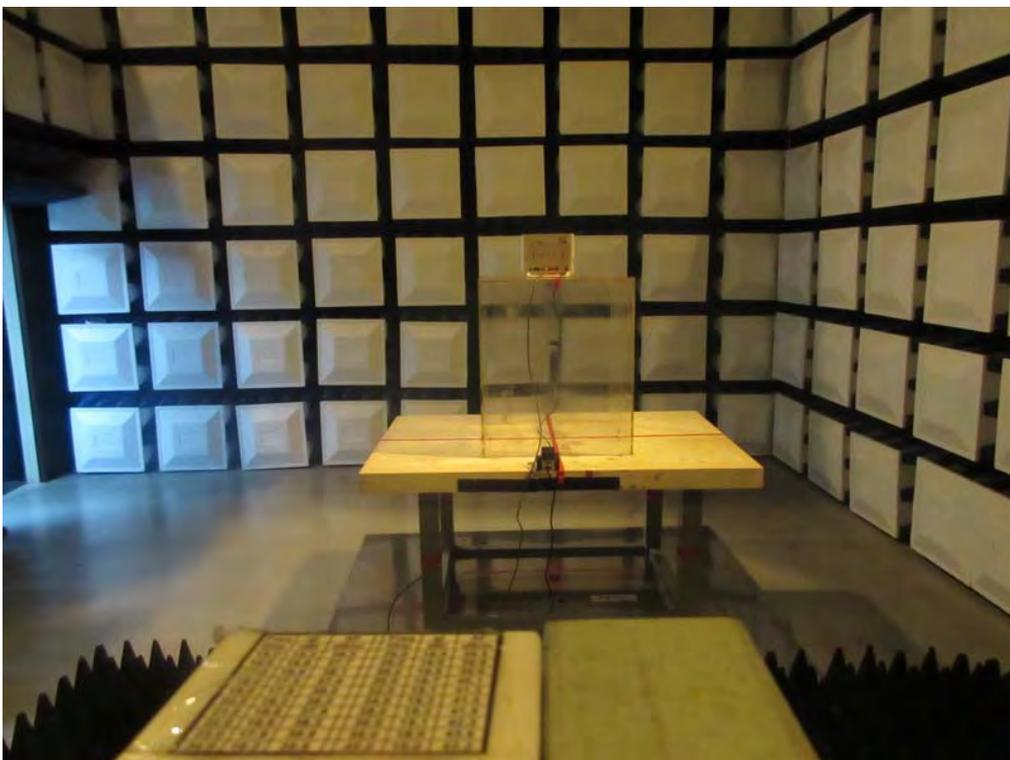
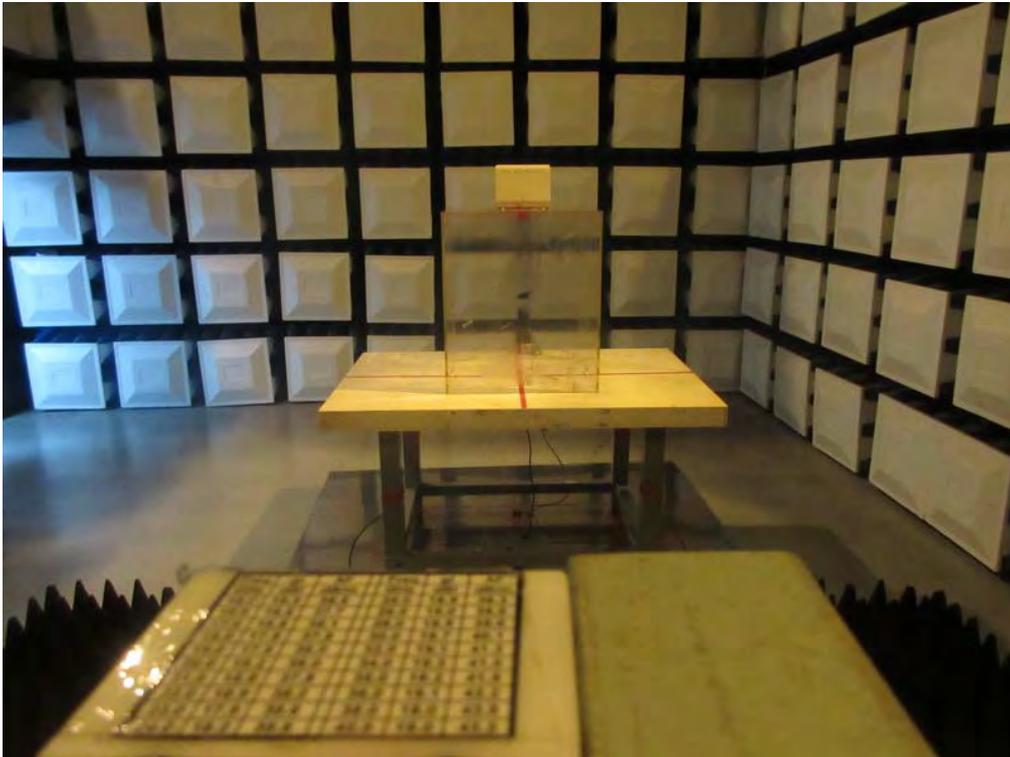
**Radiated Measurement Photos  
30MHz to 1000MHz**



**Radiated Measurement Photos  
1GHz to 18GHz**



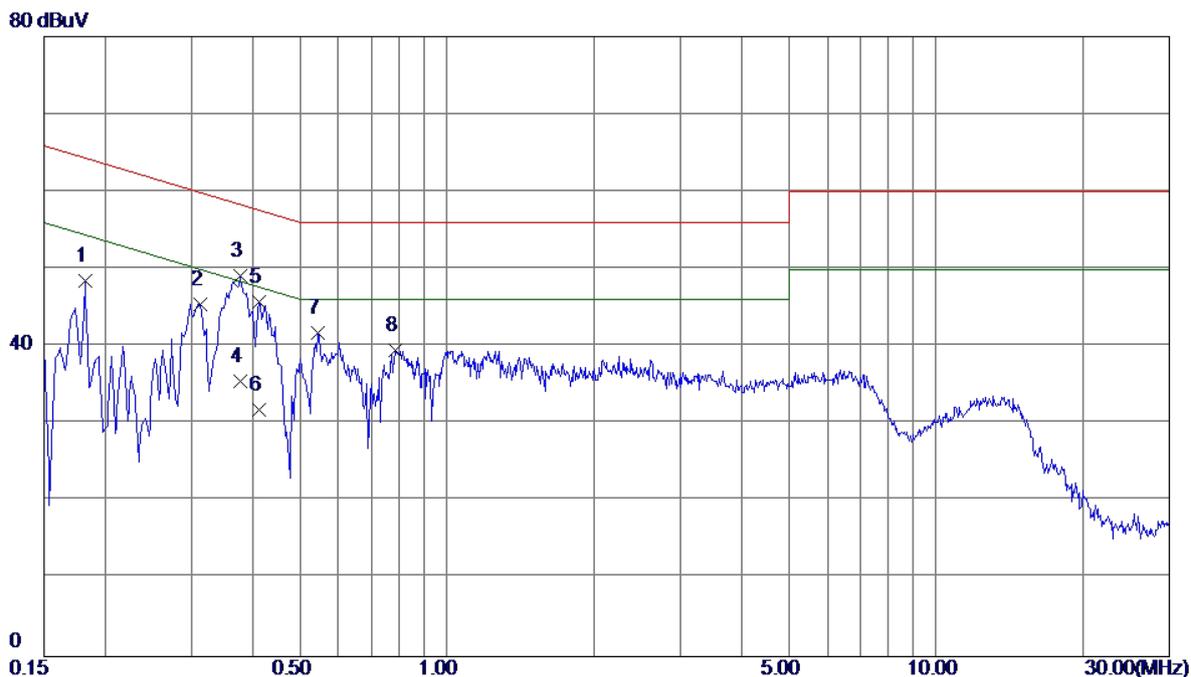
**Radiated Measurement Photos  
Above 18GHz**



## ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	Normal Link
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### Line

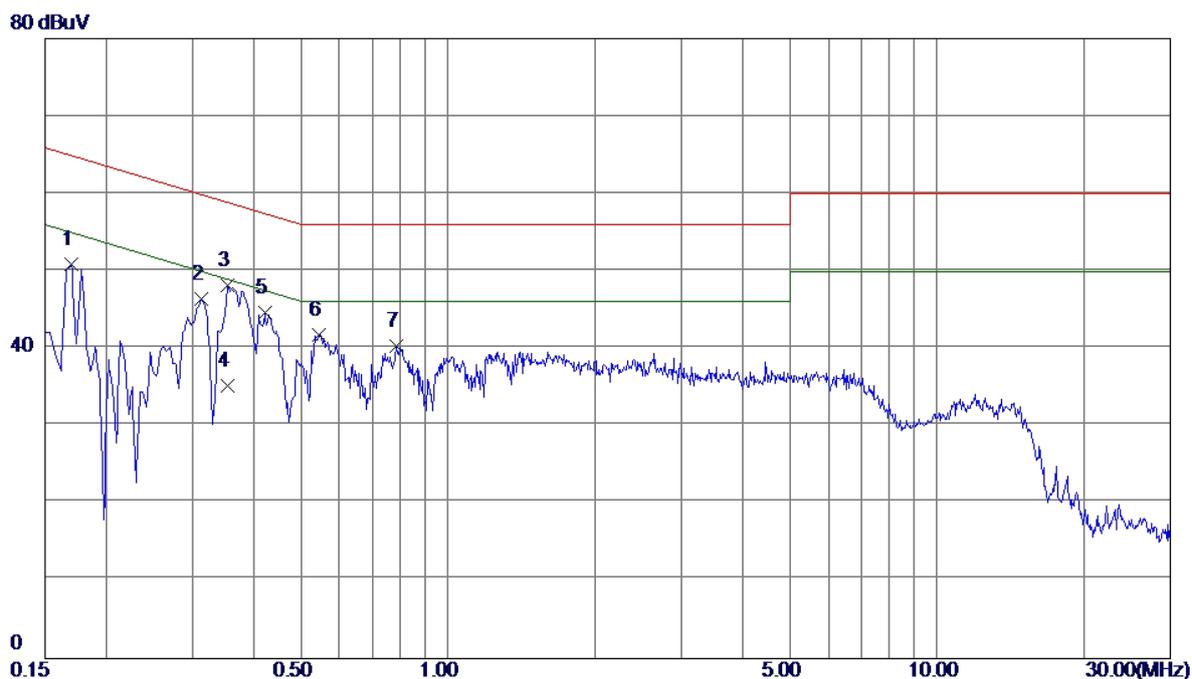


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1819	38.85	9.56	48.41	64.40	-15.99	Peak	
2	0.3140	35.82	9.64	45.46	59.86	-14.40	Peak	
3	0.3780	39.44	9.66	49.10	58.32	-9.22	Peak	
4	0.3780	25.91	9.66	35.57	48.32	-12.75	AVG	
5	0.4140	36.14	9.68	45.82	57.57	-11.75	Peak	
6	0.4140	22.20	9.68	31.88	47.57	-15.69	AVG	
7	0.5460	32.05	9.70	41.75	56.00	-14.25	Peak	
8	0.7860	29.77	9.75	39.52	56.00	-16.48	Peak	

Note: The test result has included the cable loss.

Test Mode:	Normal Link
------------	-------------

### Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1700	41.34	9.48	50.82	64.96	-14.14	Peak	
2	0.3140	36.89	9.53	46.42	59.86	-13.44	Peak	
3	0.3540	38.62	9.53	48.15	58.87	-10.72	Peak	
4	0.3540	25.61	9.53	35.14	48.87	-13.73	AVG	
5	0.4220	35.12	9.53	44.65	57.41	-12.76	Peak	
6	0.5460	32.16	9.56	41.72	56.00	-14.28	Peak	
7	0.7860	30.81	9.56	40.37	56.00	-15.63	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
0.0119	0°	13.13	24.8130	37.9430	126.0933	-88.1503	AVG
0.0119	0°	14.64	24.8130	39.4530	146.0933	-106.6403	PEAK
0.0253	0°	6.52	23.9643	30.4843	119.5418	-89.0575	AVG
0.0253	0°	8.31	23.9643	32.2743	139.5418	-107.2675	PEAK
0.0382	0°	3.49	23.1473	26.6373	115.9630	-89.3256	AVG
0.0382	0°	5.26	23.1473	28.4073	135.9630	-107.5556	PEAK
0.0516	0°	1.52	22.3680	23.8880	113.3512	-89.4632	AVG
0.0516	0°	2.63	22.3680	24.9980	133.3512	-108.3532	PEAK
0.5072	0°	19.26	19.8230	39.0830	73.5006	-34.4176	QP
1.9553	0°	23.78	19.5045	43.2845	69.5400	-26.2555	QP

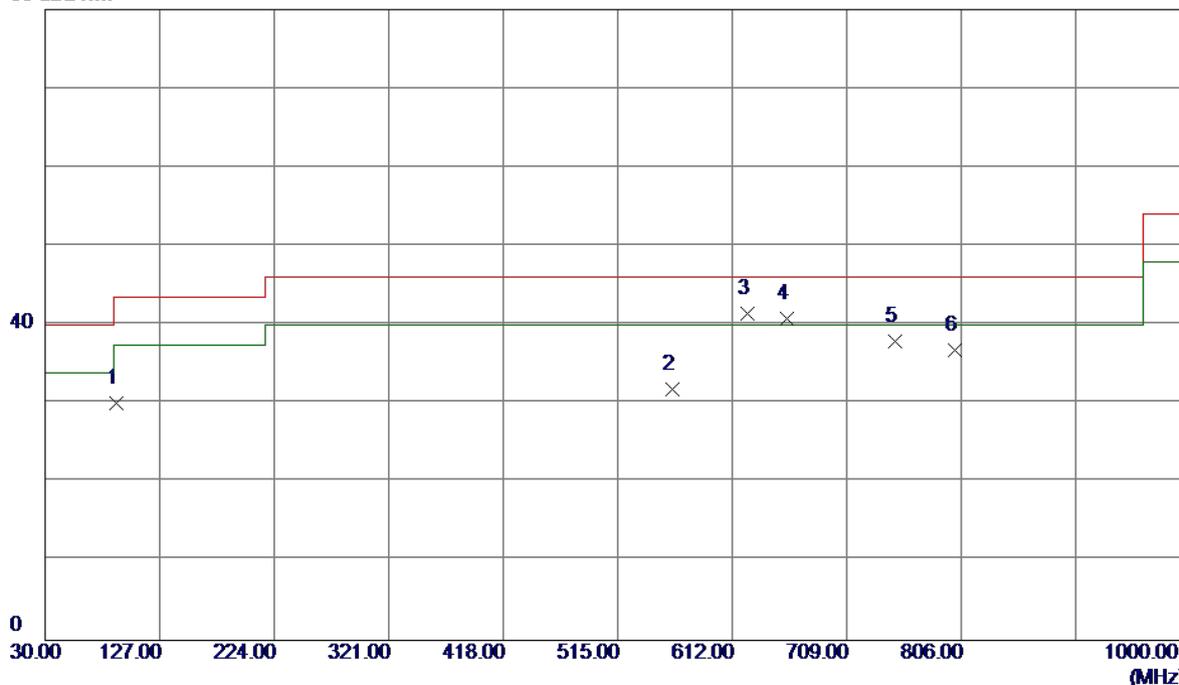
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0132	90°	13.22	24.3000	37.5200	125.1927	-87.6727	AVG
0.0132	90°	14.43	24.3000	38.7300	145.1927	-106.4627	PEAK
0.0256	90°	7.52	23.9453	31.4653	119.4394	-87.9741	AVG
0.0256	90°	8.73	23.9453	32.6753	139.4394	-106.7641	PEAK
0.0425	90°	5.36	22.8750	28.2350	115.0364	-86.8014	AVG
0.0425	90°	6.34	22.8750	29.2150	135.0364	-105.8214	PEAK
0.0553	90°	1.47	22.2940	23.7640	112.7497	-88.9857	AVG
0.0553	90°	2.56	22.2940	24.8540	132.7497	-107.8957	PEAK
0.6272	90°	22.34	20.2070	42.5470	71.6561	-29.1091	QP
2.0536	90°	24.48	19.4678	43.9478	69.5400	-25.5922	QP

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

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

### Vertical

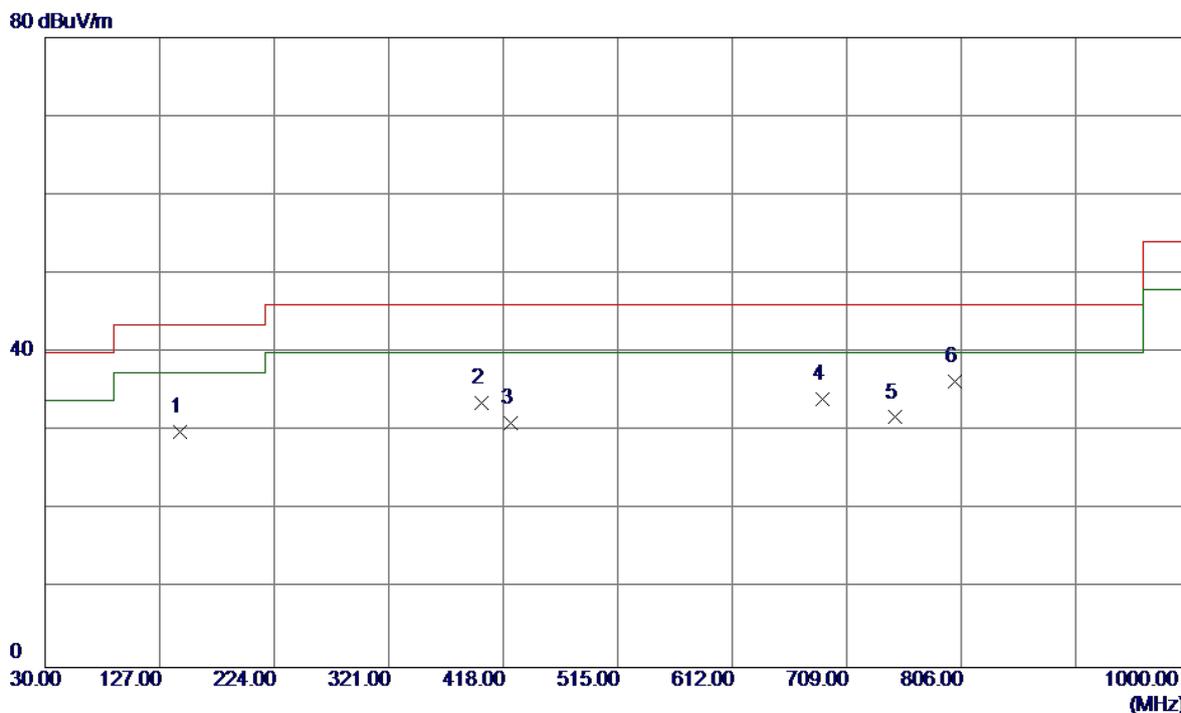
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	90.1400	46.89	-16.85	30.04	43.50	-13.46	Peak	
2	561.5600	37.62	-5.77	31.85	46.00	-14.15	Peak	
3	624.6100	47.95	-6.51	41.44	46.00	-4.56	Peak	
4	658.5600	45.79	-4.95	40.84	46.00	-5.16	Peak	
5	749.7400	42.56	-4.60	37.96	46.00	-8.04	Peak	
6	800.1800	38.87	-2.08	36.79	46.00	-9.21	Peak	

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

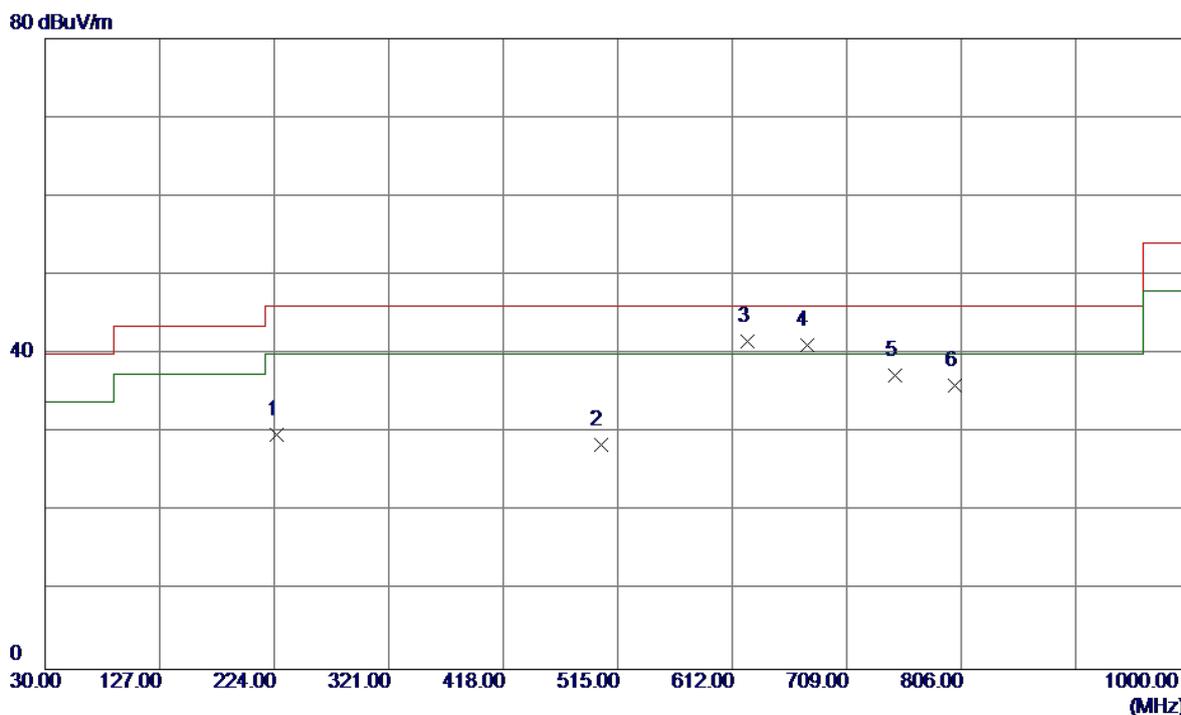
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	144.4600	43.51	-13.60	29.91	43.50	-13.59	Peak	
2	399.5700	42.98	-9.34	33.64	46.00	-12.36	Peak	
3	424.7900	39.78	-8.69	31.09	46.00	-14.91	Peak	
4	688.6300	38.48	-4.40	34.08	46.00	-11.92	Peak	
5	749.7400	36.36	-4.60	31.76	46.00	-14.24	Peak	
6	800.1800	38.38	-2.08	36.30	46.00	-9.70	Peak	

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

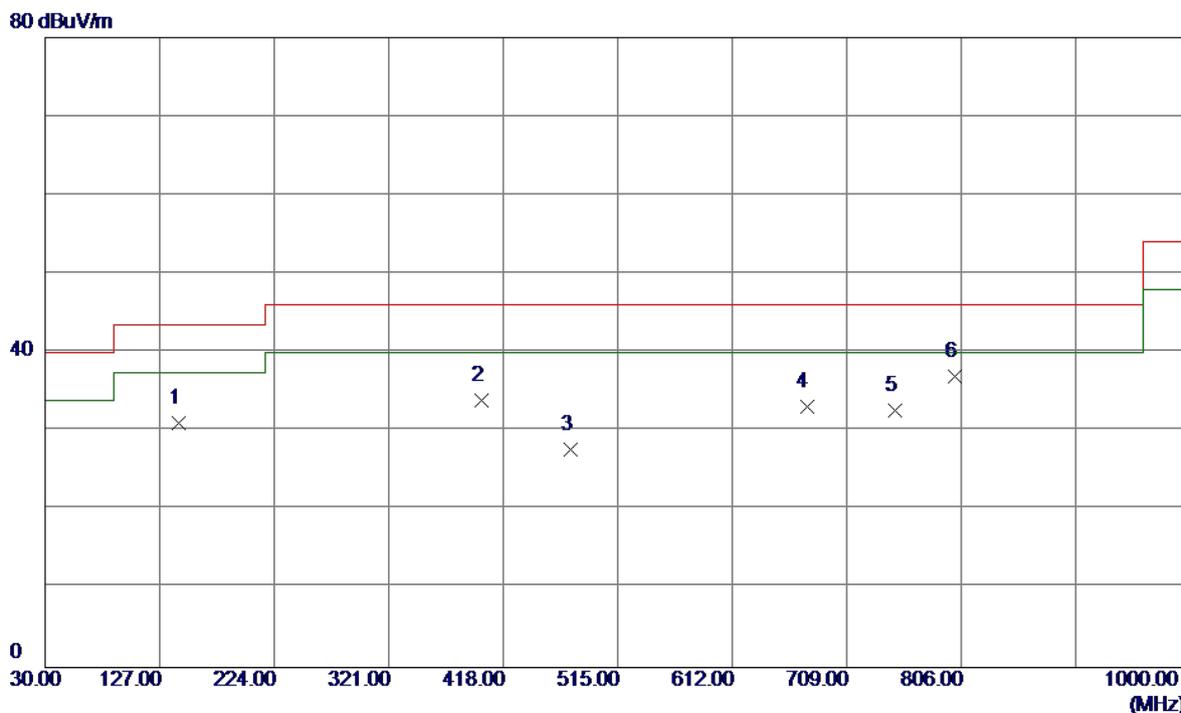
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	225.9400	44.03	-14.33	29.70	46.00	-16.30	Peak	
2	500.4500	38.45	-9.95	28.50	46.00	-17.50	Peak	
3	624.6100	48.14	-6.51	41.63	46.00	-4.37	Peak	
4	675.0500	45.81	-4.65	41.16	46.00	-4.84	Peak	
5	749.7400	41.90	-4.60	37.30	46.00	-8.70	Peak	
6	800.1800	38.06	-2.08	35.98	46.00	-10.02	Peak	

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

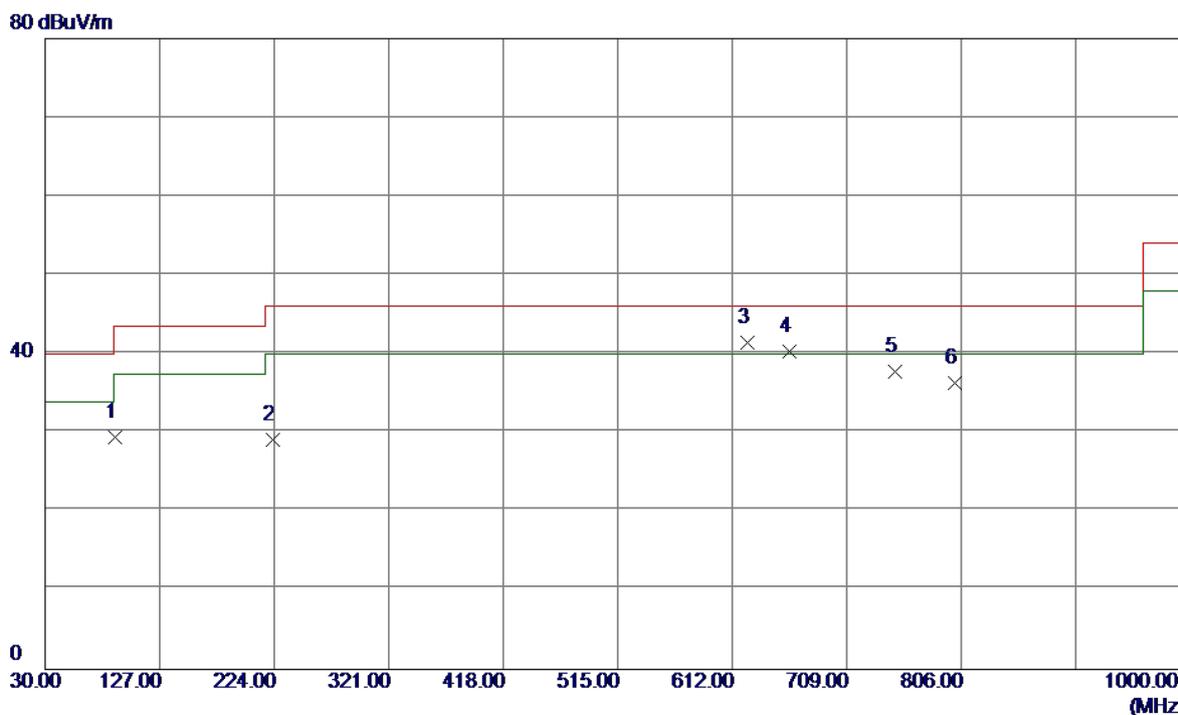
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	143.4900	44.70	-13.71	30.99	43.50	-12.51	Peak	
2	399.5700	43.22	-9.34	33.88	46.00	-12.12	Peak	
3	475.2300	36.68	-9.03	27.65	46.00	-18.35	Peak	
4	675.0500	37.79	-4.65	33.14	46.00	-12.86	Peak	
5	749.7400	37.24	-4.60	32.64	46.00	-13.36	Peak	
6	800.1800	39.01	-2.08	36.93	46.00	-9.07	Peak	

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

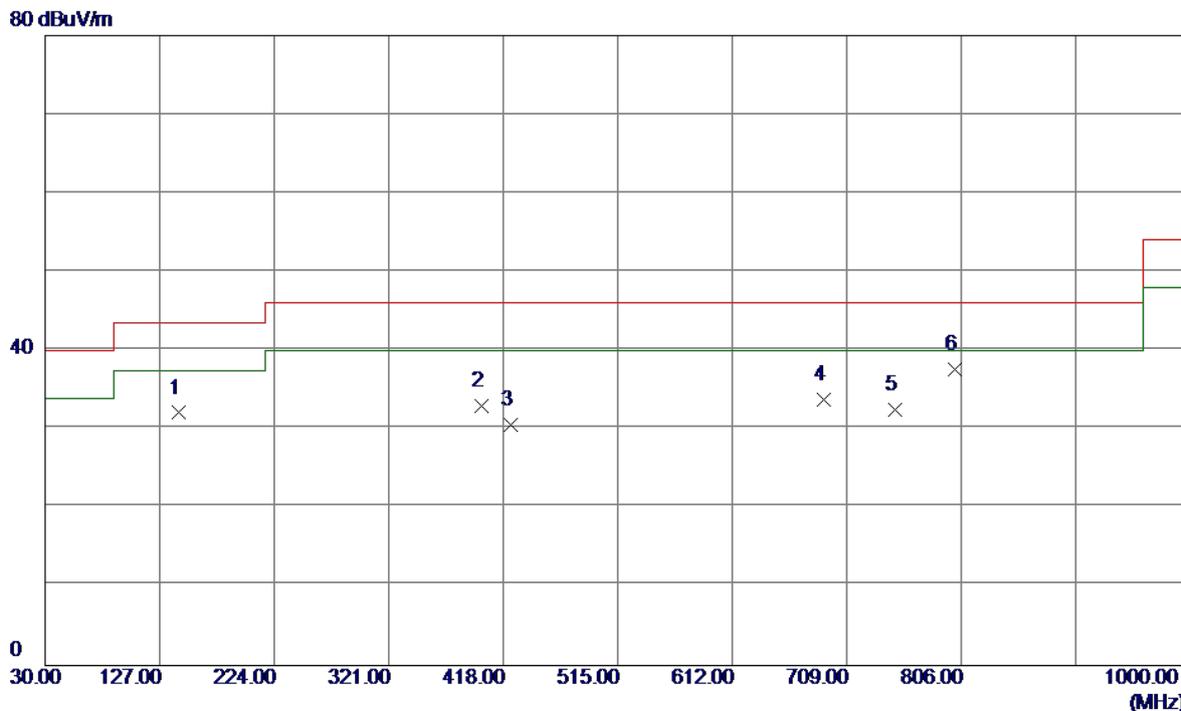
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	89.1700	46.33	-16.84	29.49	43.50	-14.01	Peak	
2	223.0300	43.42	-14.32	29.10	46.00	-16.90	Peak	
3	624.6100	47.92	-6.51	41.41	46.00	-4.59	Peak	
4	660.5000	45.22	-4.92	40.30	46.00	-5.70	Peak	
5	749.7400	42.32	-4.60	37.72	46.00	-8.28	Peak	
6	800.1800	38.33	-2.08	36.25	46.00	-9.75	Peak	

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

### Horizontal

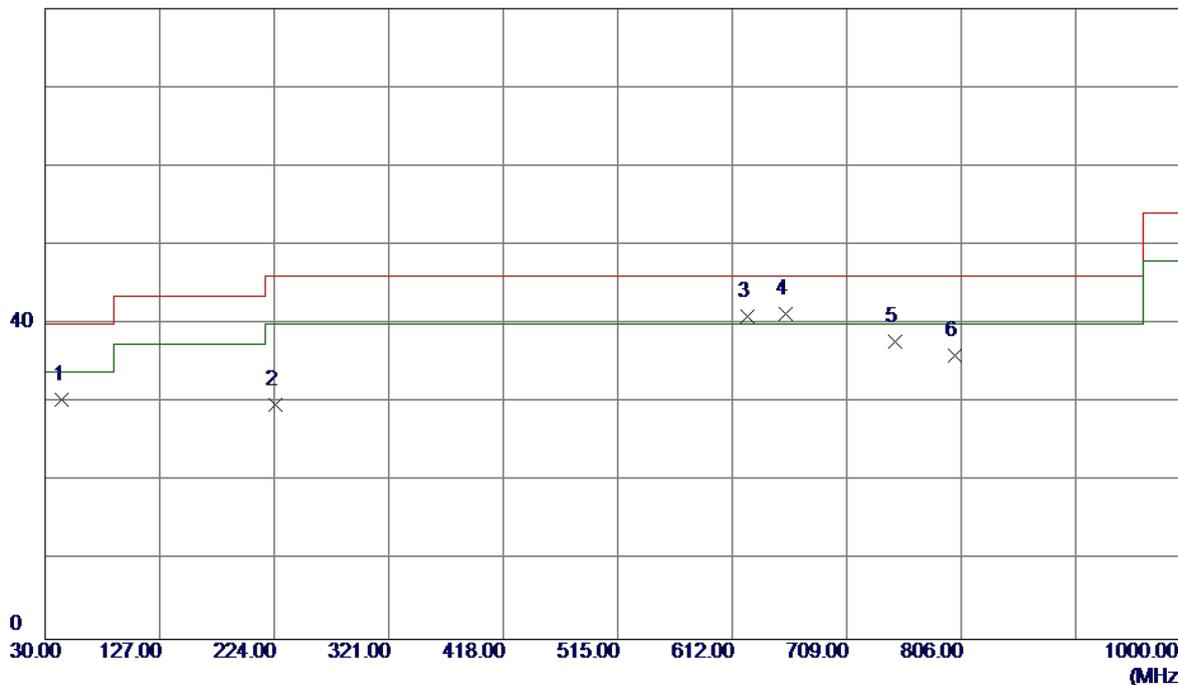


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	143.4900	45.79	-13.71	32.08	43.50	-11.42	Peak	
2	399.5700	42.32	-9.34	32.98	46.00	-13.02	Peak	
3	424.7900	39.23	-8.69	30.54	46.00	-15.46	Peak	
4	689.6000	38.21	-4.38	33.83	46.00	-12.17	Peak	
5	749.7400	37.15	-4.60	32.55	46.00	-13.45	Peak	
6	800.1800	39.72	-2.08	37.64	46.00	-8.36	Peak	

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

### Vertical

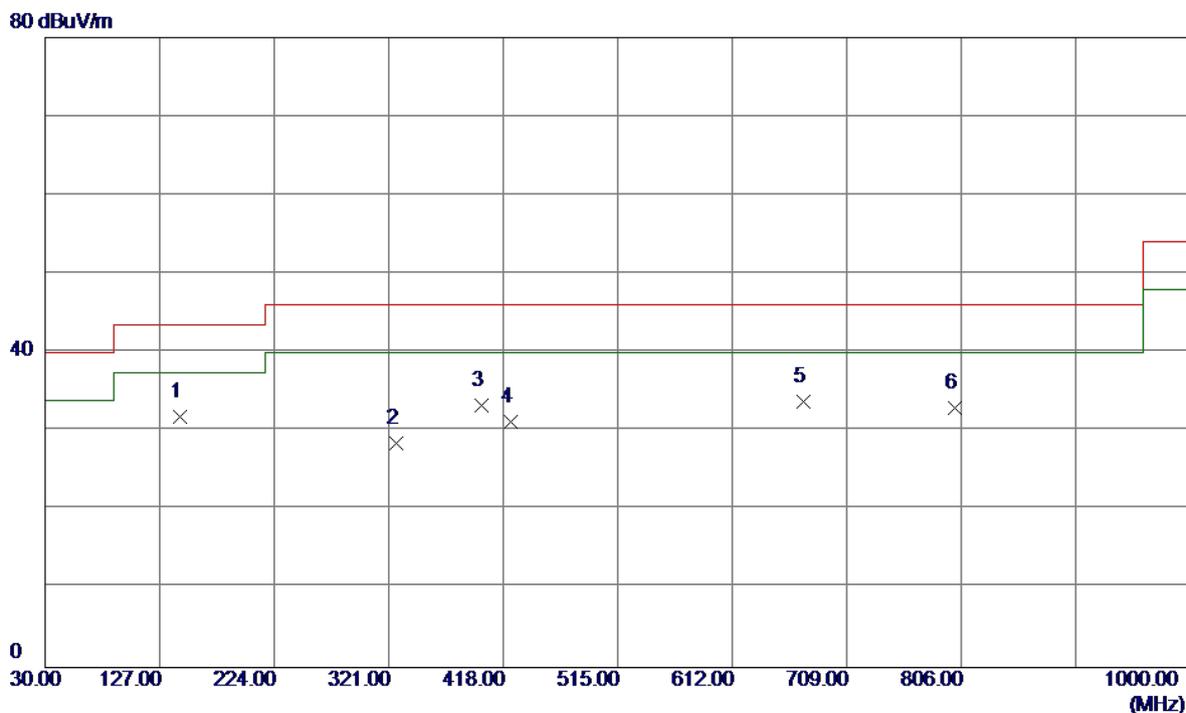
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	44.5500	43.84	-13.41	30.43	40.00	-9.57	Peak	
2	224.9700	44.10	-14.32	29.78	46.00	-16.22	Peak	
3	624.6100	47.40	-6.51	40.89	46.00	-5.11	Peak	
4	657.5900	46.25	-4.97	41.28	46.00	-4.72	Peak	
5	749.7400	42.37	-4.60	37.77	46.00	-8.23	Peak	
6	800.1800	38.11	-2.08	36.03	46.00	-9.97	Peak	

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

### Horizontal

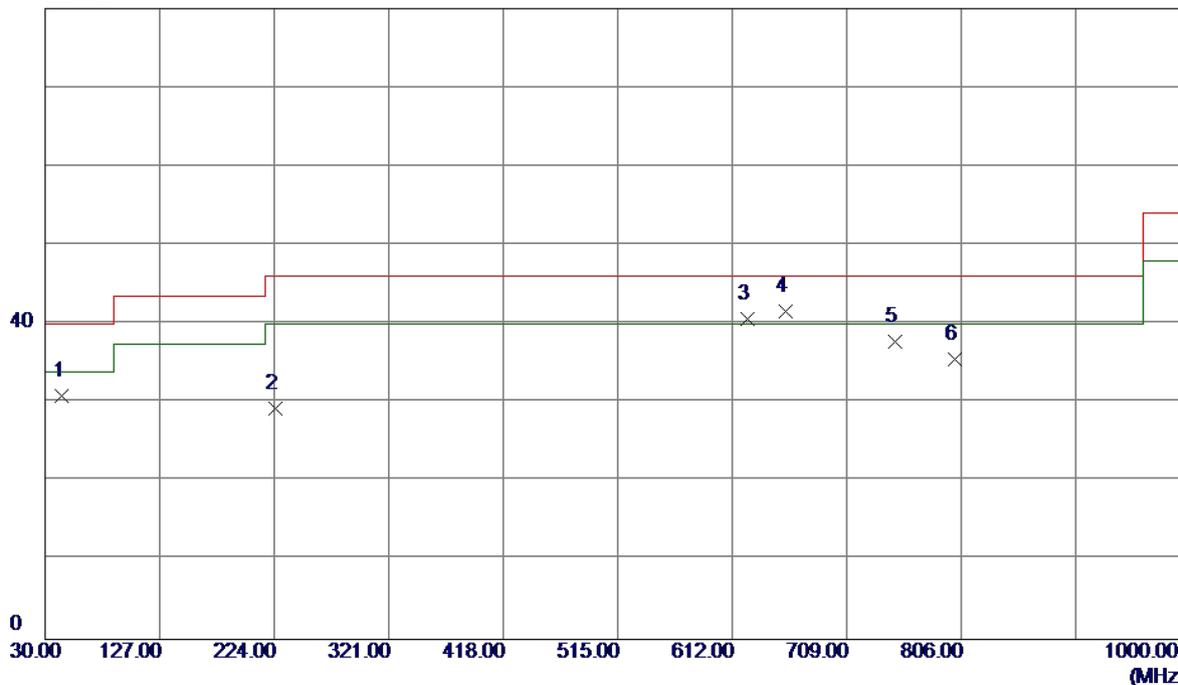


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	144.4600	45.41	-13.60	31.81	43.50	-11.69	Peak	
2	327.7900	39.42	-10.97	28.45	46.00	-17.55	Peak	
3	399.5700	42.55	-9.34	33.21	46.00	-12.79	Peak	
4	424.7900	39.84	-8.69	31.15	46.00	-14.85	Peak	
5	672.1400	38.39	-4.70	33.69	46.00	-12.31	Peak	
6	800.1800	35.05	-2.08	32.97	46.00	-13.03	Peak	

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

### Vertical

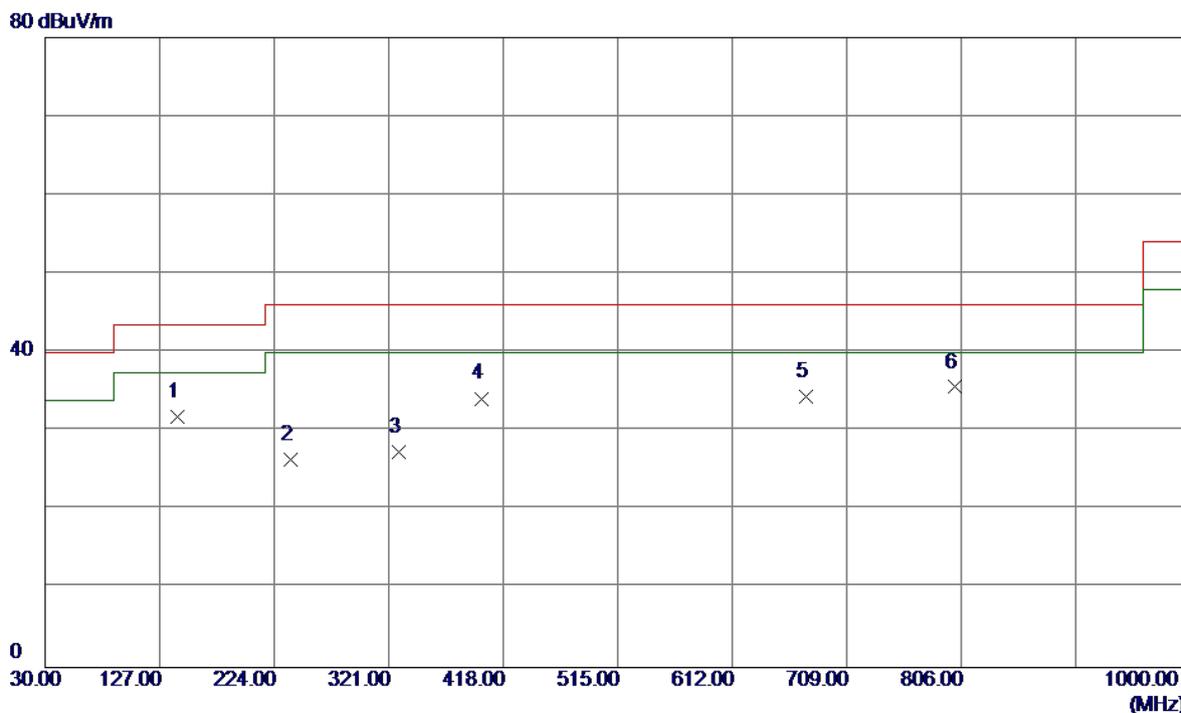
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	44.5500	44.29	-13.41	30.88	40.00	-9.12	Peak	
2	224.9700	43.53	-14.32	29.21	46.00	-16.79	Peak	
3	624.6100	47.16	-6.51	40.65	46.00	-5.35	Peak	
4	657.5900	46.58	-4.97	41.61	46.00	-4.39	Peak	
5	749.7400	42.39	-4.60	37.79	46.00	-8.21	Peak	
6	800.1800	37.61	-2.08	35.53	46.00	-10.47	Peak	

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

### Horizontal

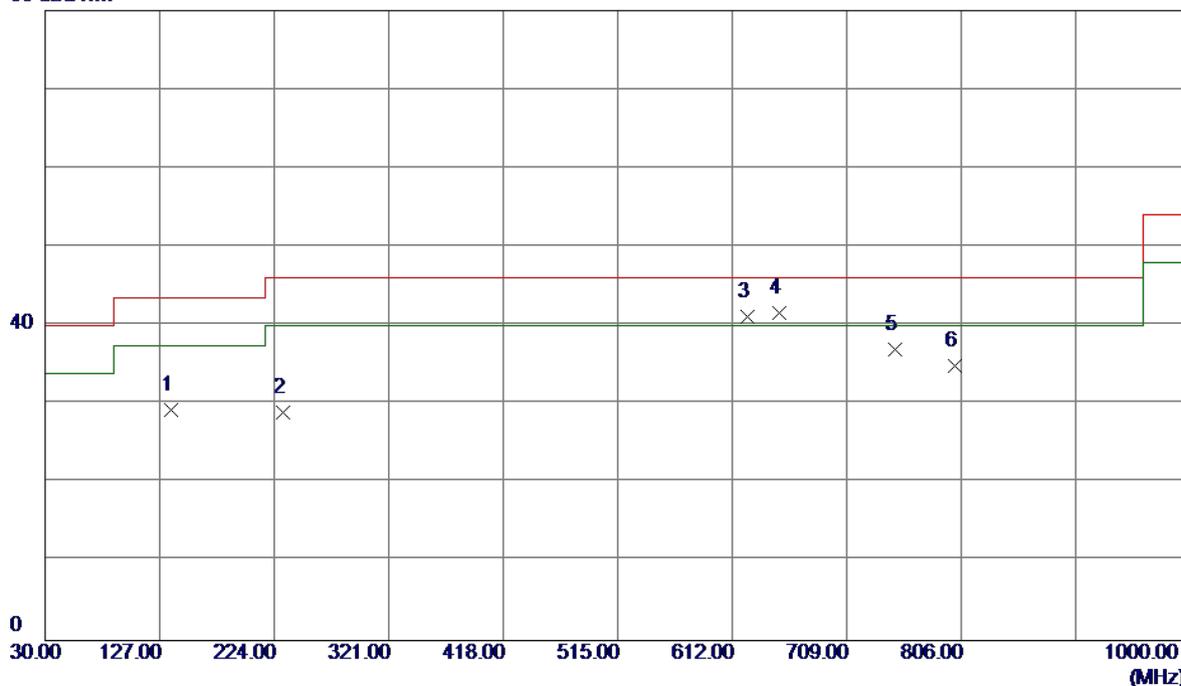


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	142.5200	45.69	-13.81	31.88	43.50	-11.62	Peak	
2	237.5800	40.54	-14.19	26.35	46.00	-19.65	Peak	
3	329.7300	38.36	-11.00	27.36	46.00	-18.64	Peak	
4	399.5700	43.50	-9.34	34.16	46.00	-11.84	Peak	
5	674.0800	39.05	-4.67	34.38	46.00	-11.62	Peak	
6	800.1800	37.68	-2.08	35.60	46.00	-10.40	Peak	

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

Vertical

80 dBuV/m

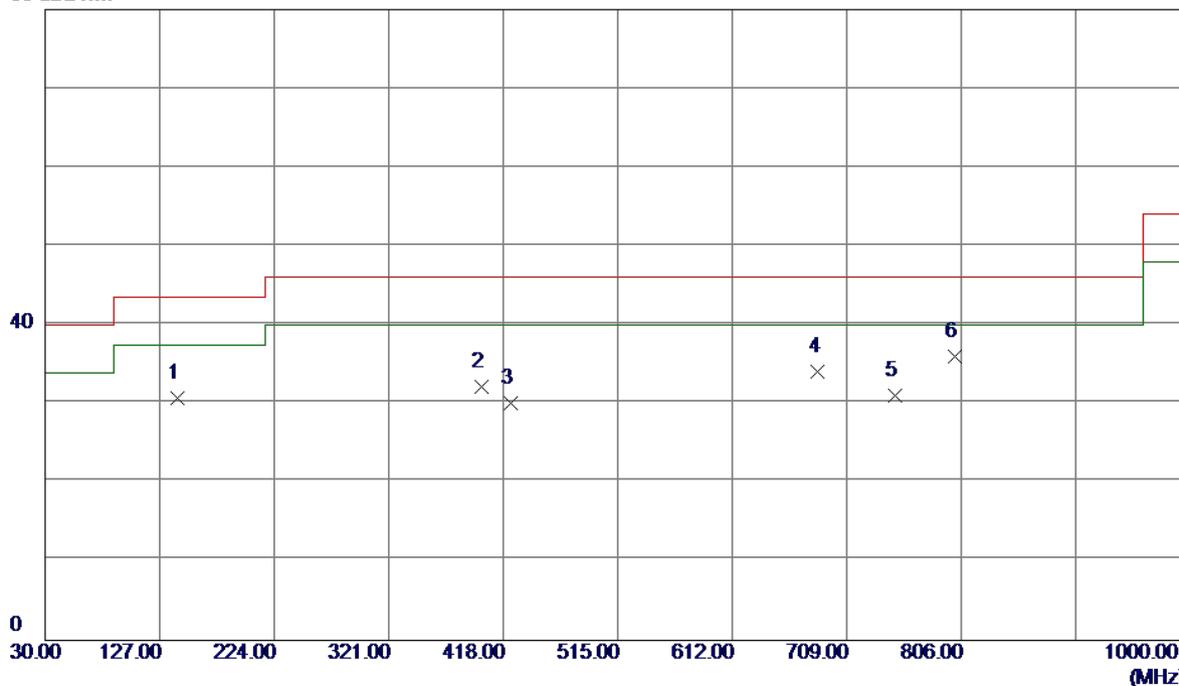


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	136.7000	43.10	-13.75	29.35	43.50	-14.15	Peak	
2	231.7600	43.20	-14.31	28.89	46.00	-17.11	Peak	
3	624.6100	47.59	-6.51	41.08	46.00	-4.92	Peak	
4	651.7700	46.68	-5.08	41.60	46.00	-4.40	Peak	
5	749.7400	41.49	-4.60	36.89	46.00	-9.11	Peak	
6	800.1800	36.97	-2.08	34.89	46.00	-11.11	Peak	

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

### Horizontal

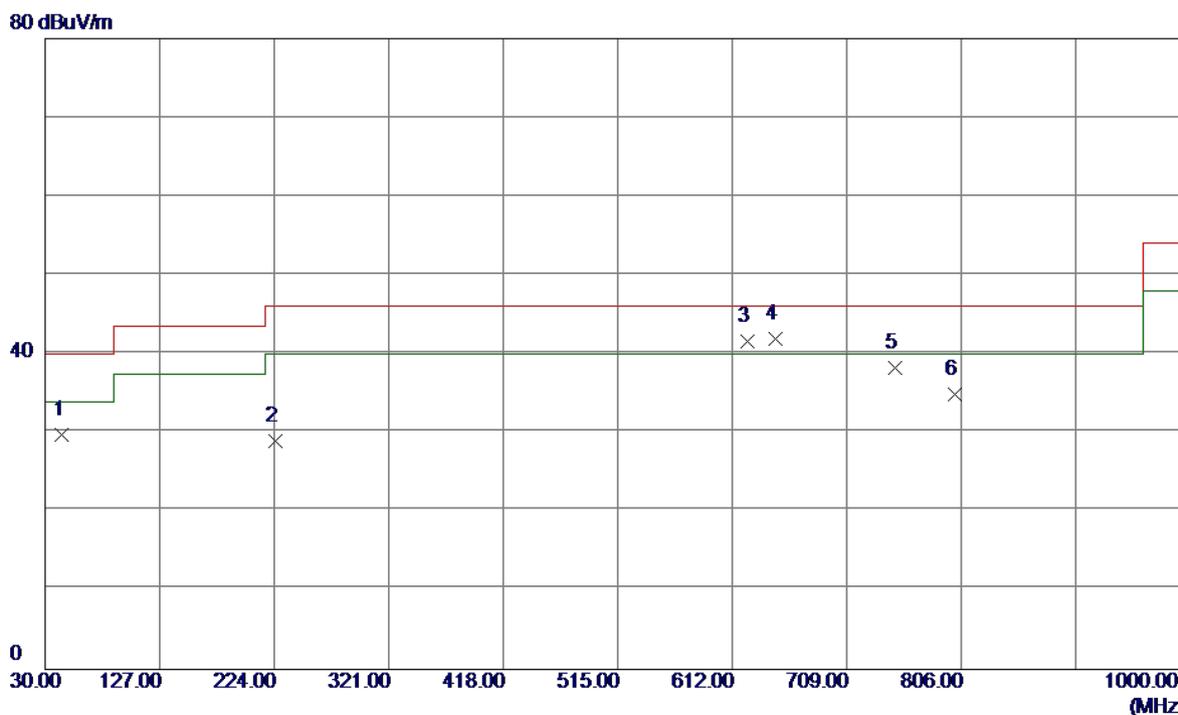
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	142.5200	44.56	-13.81	30.75	43.50	-12.75	Peak	
2	399.5700	41.48	-9.34	32.14	46.00	-13.86	Peak	
3	424.7900	38.78	-8.69	30.09	46.00	-15.91	Peak	
4	684.7500	38.48	-4.47	34.01	46.00	-11.99	Peak	
5	749.7400	35.63	-4.60	31.03	46.00	-14.97	Peak	
6	800.1800	38.09	-2.08	36.01	46.00	-9.99	Peak	

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

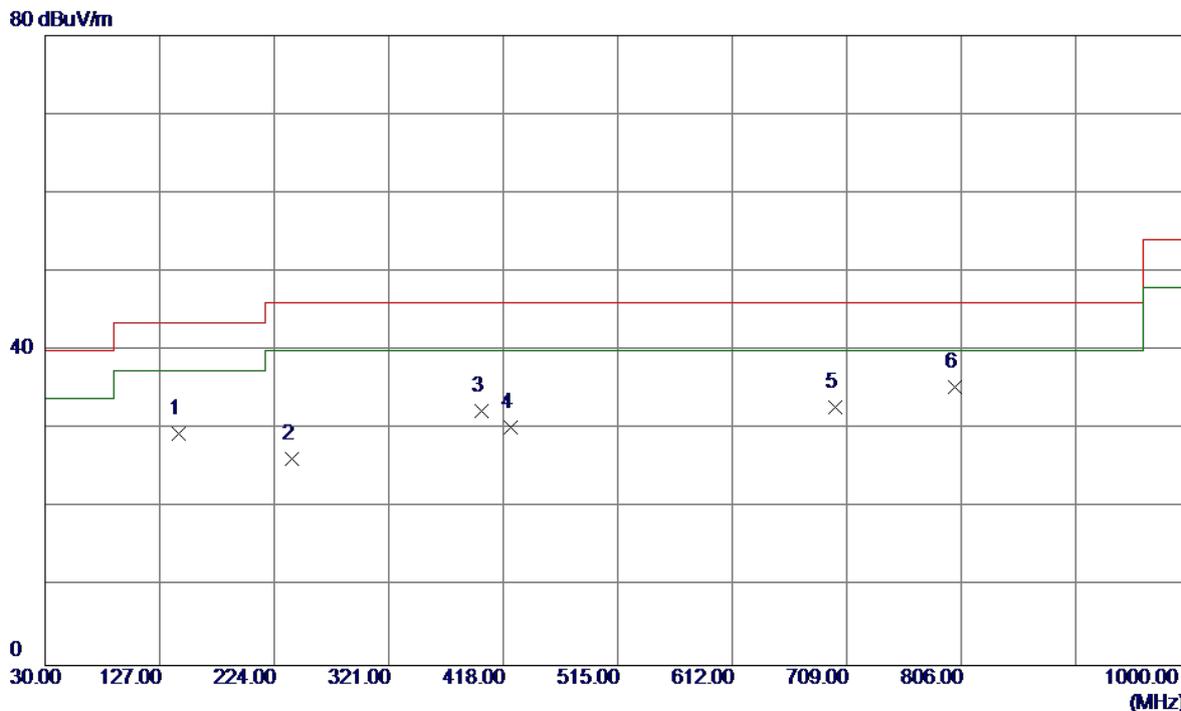
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	44.5500	43.20	-13.41	29.79	40.00	-10.21	Peak	
2	224.9700	43.21	-14.32	28.89	46.00	-17.11	Peak	
3	624.6100	48.07	-6.51	41.56	46.00	-4.44	Peak	
4	648.8600	47.03	-5.17	41.86	46.00	-4.14	Peak	
5	749.7400	42.85	-4.60	38.25	46.00	-7.75	Peak	
6	800.1800	37.00	-2.08	34.92	46.00	-11.08	Peak	

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

### Horizontal

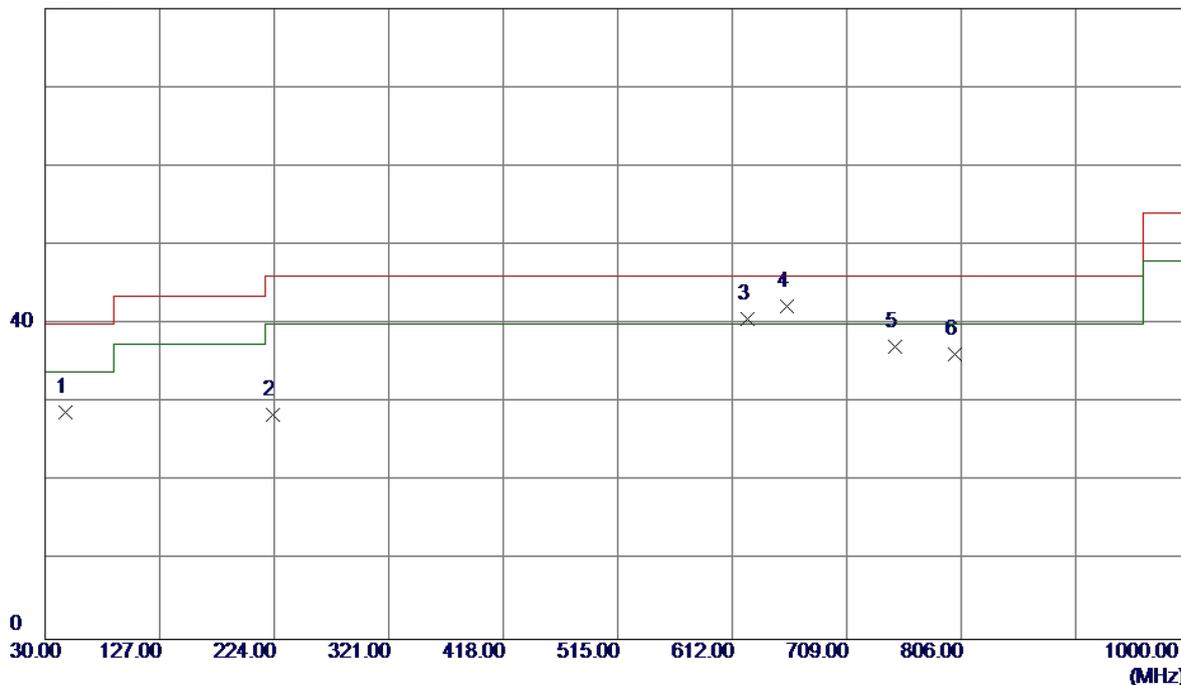


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	143.4900	43.14	-13.71	29.43	43.50	-14.07	Peak	
2	238.5500	40.45	-14.17	26.28	46.00	-19.72	Peak	
3	399.5700	41.69	-9.34	32.35	46.00	-13.65	Peak	
4	424.7900	38.87	-8.69	30.18	46.00	-15.82	Peak	
5	699.3000	37.00	-4.21	32.79	46.00	-13.21	Peak	
6	800.1800	37.40	-2.08	35.32	46.00	-10.68	Peak	

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

### Vertical

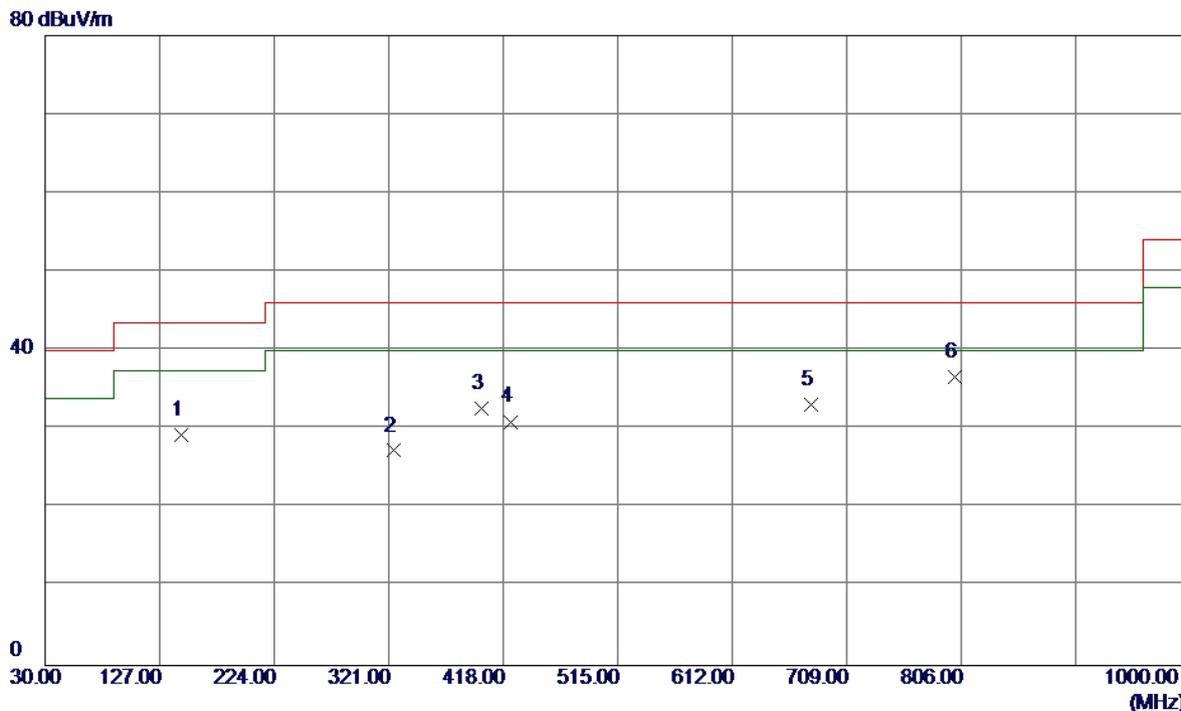
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	47.4600	42.38	-13.62	28.76	40.00	-11.24	Peak	
2	223.0300	42.80	-14.32	28.48	46.00	-17.52	Peak	
3	624.6100	47.14	-6.51	40.63	46.00	-5.37	Peak	
4	658.5600	47.23	-4.95	42.28	46.00	-3.72	Peak	
5	749.7400	41.66	-4.60	37.06	46.00	-8.94	Peak	
6	800.1800	38.18	-2.08	36.10	46.00	-9.90	Peak	

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

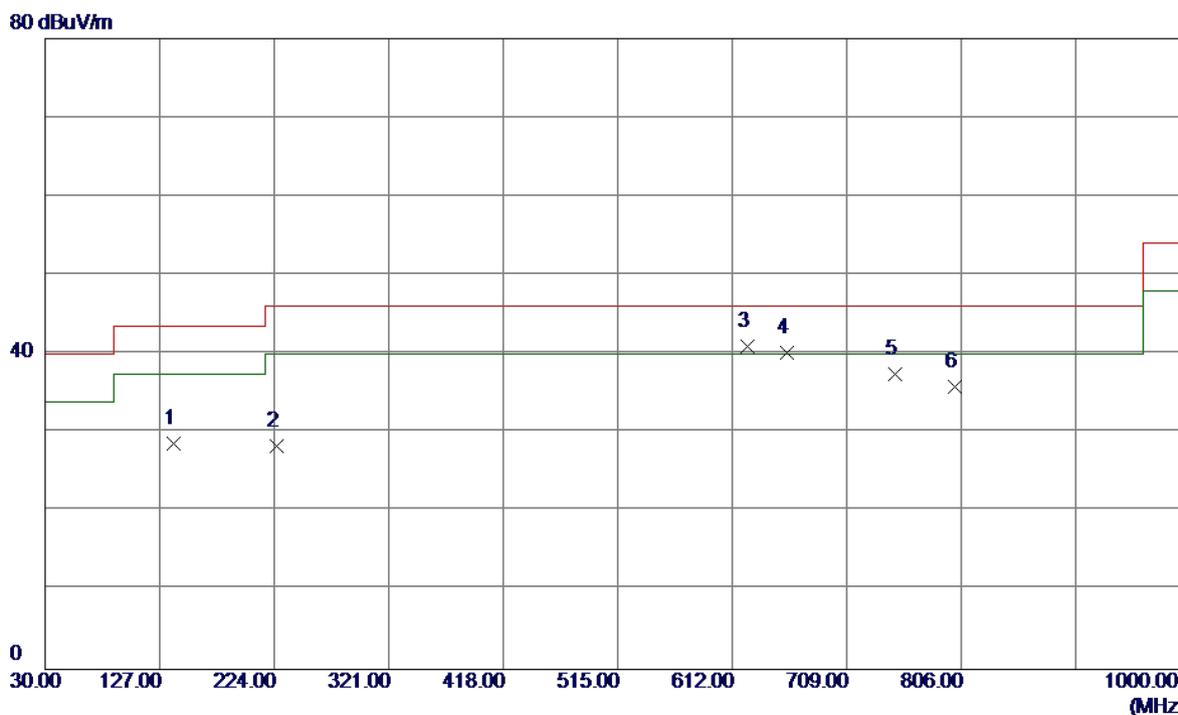
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	145.4299	42.73	-13.50	29.23	43.50	-14.27	Peak	
2	324.8800	38.20	-10.92	27.28	46.00	-18.72	Peak	
3	399.5700	41.97	-9.34	32.63	46.00	-13.37	Peak	
4	424.7900	39.65	-8.69	30.96	46.00	-15.04	Peak	
5	678.9300	37.75	-4.58	33.17	46.00	-12.83	Peak	
6	800.1800	38.65	-2.08	36.57	46.00	-9.43	Peak	

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

### Vertical

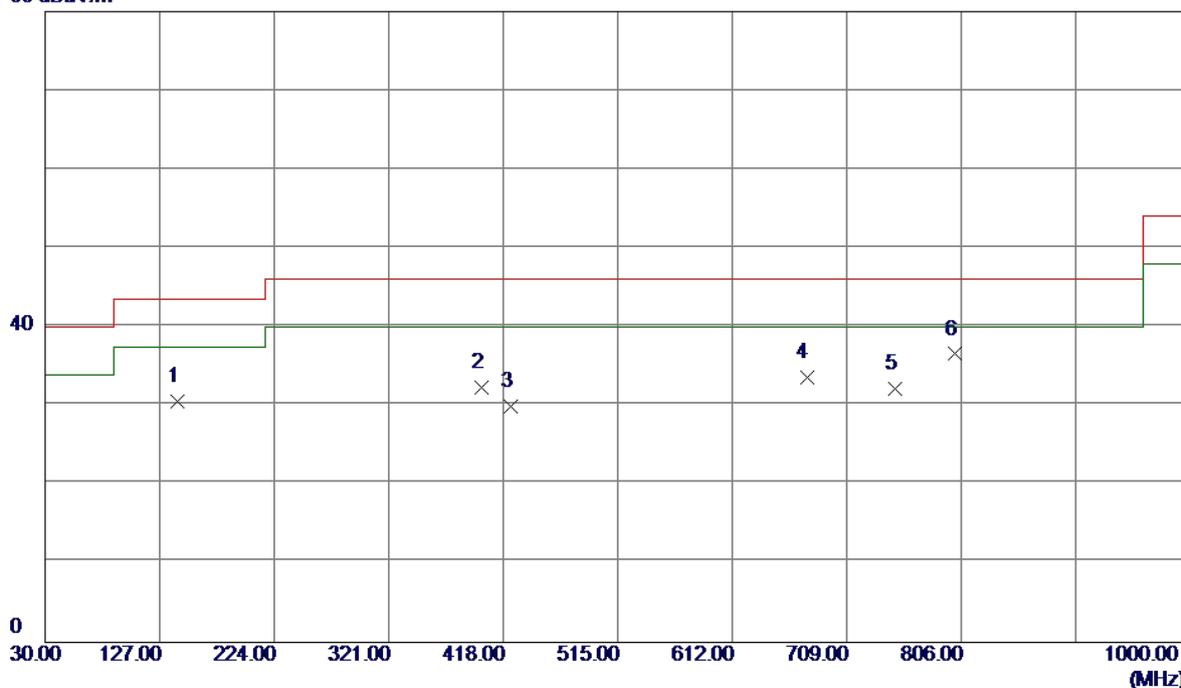


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	138.6400	42.62	-13.95	28.67	43.50	-14.83	Peak	
2	225.9400	42.58	-14.33	28.25	46.00	-17.75	Peak	
3	624.6100	47.51	-6.51	41.00	46.00	-5.00	Peak	
4	658.5600	45.16	-4.95	40.21	46.00	-5.79	Peak	
5	749.7400	41.98	-4.60	37.38	46.00	-8.62	Peak	
6	800.1800	37.96	-2.08	35.88	46.00	-10.12	Peak	

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

### Horizontal

80 dBuV/m

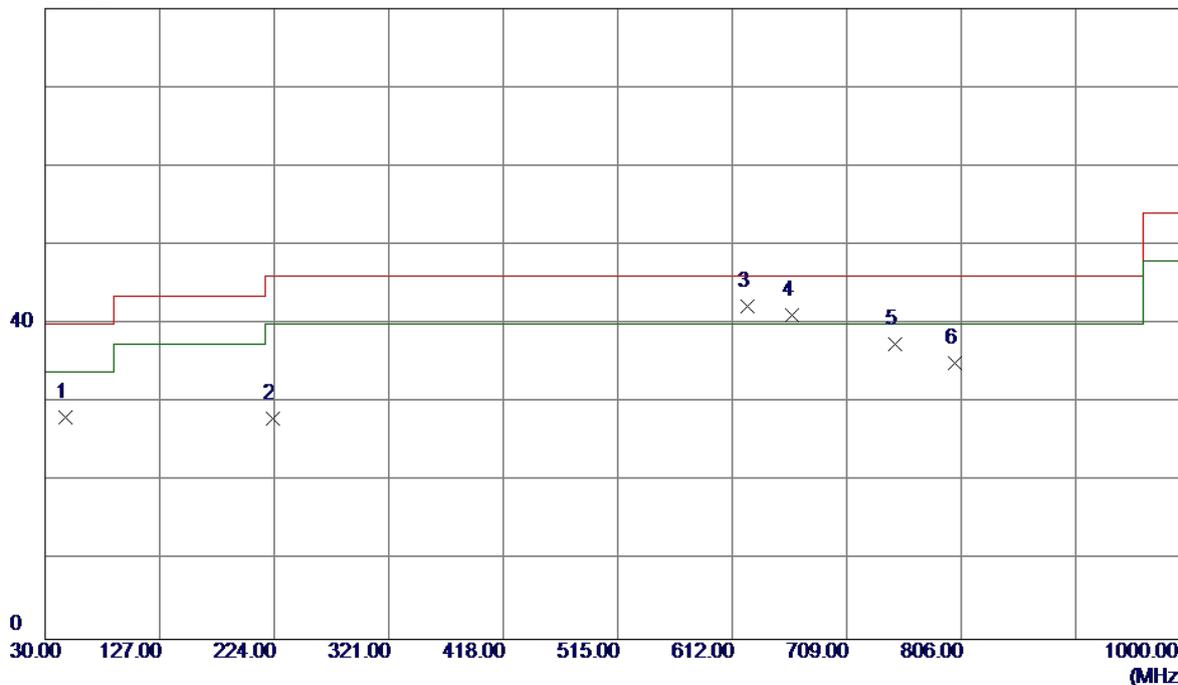


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	142.5200	44.40	-13.81	30.59	43.50	-12.91	Peak	
2	399.5700	41.59	-9.34	32.25	46.00	-13.75	Peak	
3	424.7900	38.59	-8.69	29.90	46.00	-16.10	Peak	
4	675.0500	38.20	-4.65	33.55	46.00	-12.45	Peak	
5	749.7400	36.83	-4.60	32.23	46.00	-13.77	Peak	
6	800.1800	38.64	-2.08	36.56	46.00	-9.44	Peak	

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

### Vertical

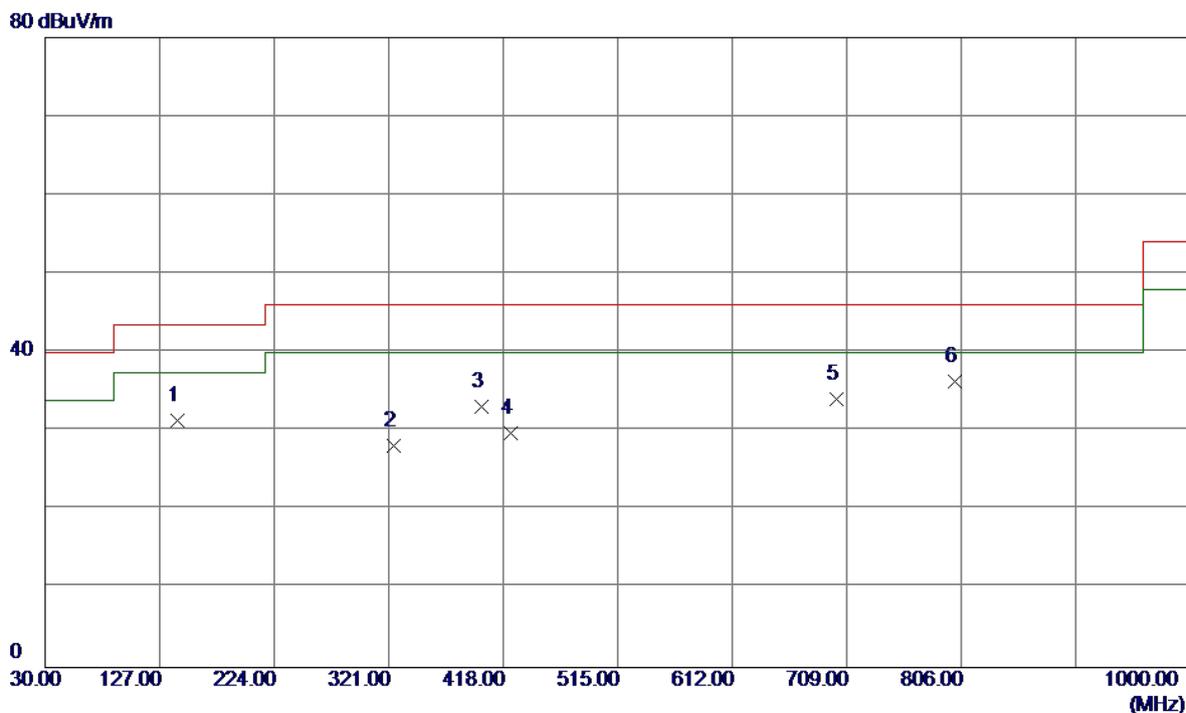
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	47.4600	41.79	-13.62	28.17	40.00	-11.83	Peak	
2	223.0300	42.36	-14.32	28.04	46.00	-17.96	Peak	
3	624.6100	48.75	-6.51	42.24	46.00	-3.76	Peak	
4	662.4400	45.97	-4.88	41.09	46.00	-4.91	Peak	
5	749.7400	42.08	-4.60	37.48	46.00	-8.52	Peak	
6	800.1800	37.17	-2.08	35.09	46.00	-10.91	Peak	

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

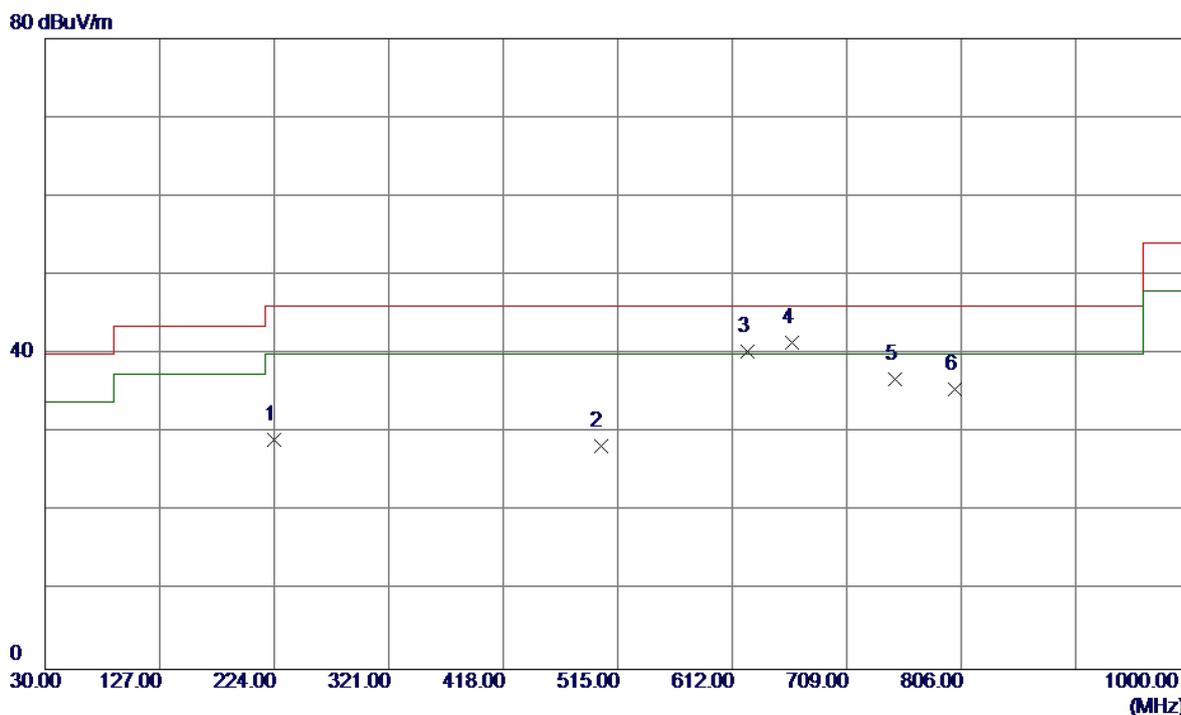
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	142.5200	45.24	-13.81	31.43	43.50	-12.07	Peak	
2	324.8800	39.01	-10.92	28.09	46.00	-17.91	Peak	
3	399.5700	42.49	-9.34	33.15	46.00	-12.85	Peak	
4	424.7900	38.49	-8.69	29.80	46.00	-16.20	Peak	
5	700.2700	38.32	-4.20	34.12	46.00	-11.88	Peak	
6	800.1800	38.44	-2.08	36.36	46.00	-9.64	Peak	

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

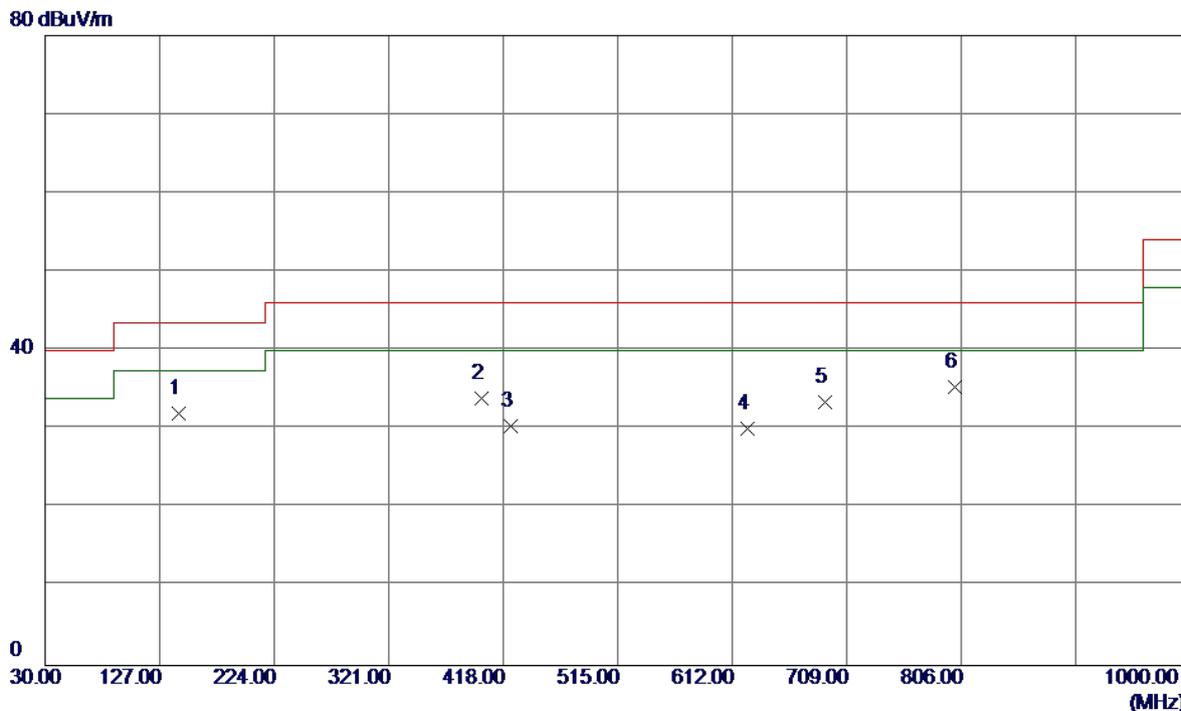
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	224.0000	43.43	-14.32	29.11	46.00	-16.89	Peak	
2	500.4500	38.24	-9.95	28.29	46.00	-17.71	Peak	
3	624.6100	46.79	-6.51	40.28	46.00	-5.72	Peak	
4	662.4400	46.37	-4.88	41.49	46.00	-4.51	Peak	
5	749.7400	41.38	-4.60	36.78	46.00	-9.22	Peak	
6	800.1800	37.61	-2.08	35.53	46.00	-10.47	Peak	

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

### Horizontal

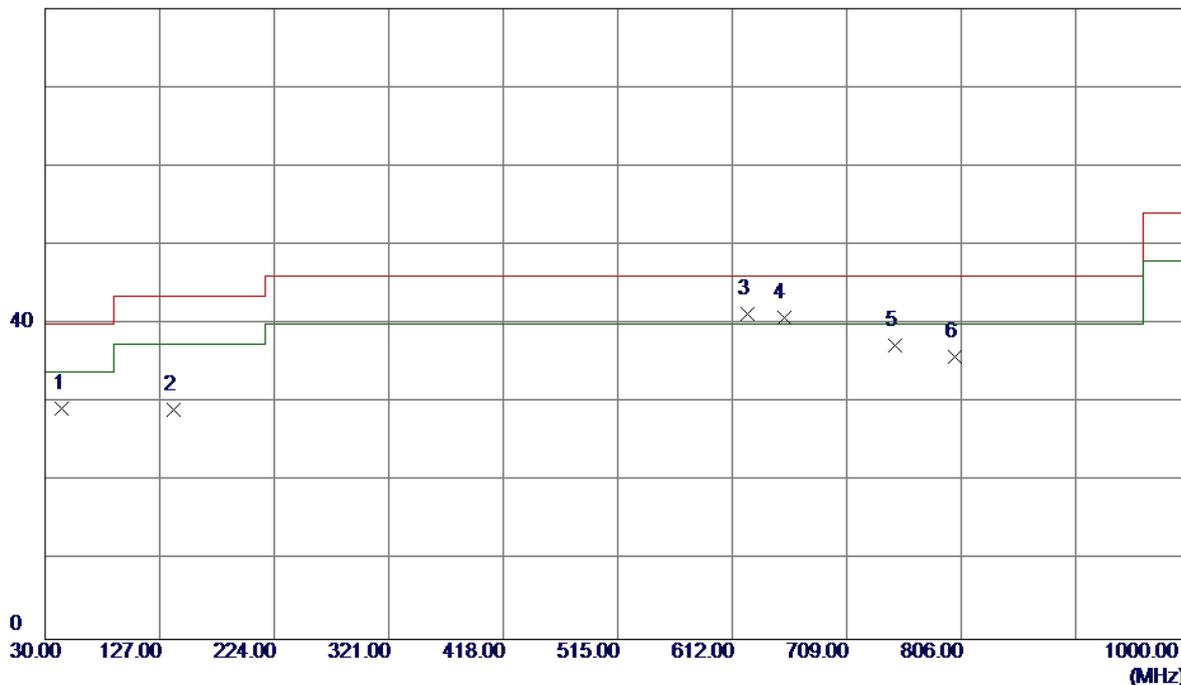


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	143.4900	45.69	-13.71	31.98	43.50	-11.52	Peak	
2	399.5700	43.27	-9.34	33.93	46.00	-12.07	Peak	
3	424.7900	39.13	-8.69	30.44	46.00	-15.56	Peak	
4	624.6100	36.53	-6.51	30.02	46.00	-15.98	Peak	
5	690.5700	37.79	-4.37	33.42	46.00	-12.58	Peak	
6	800.1800	37.50	-2.08	35.42	46.00	-10.58	Peak	

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

Vertical

80 dBuV/m

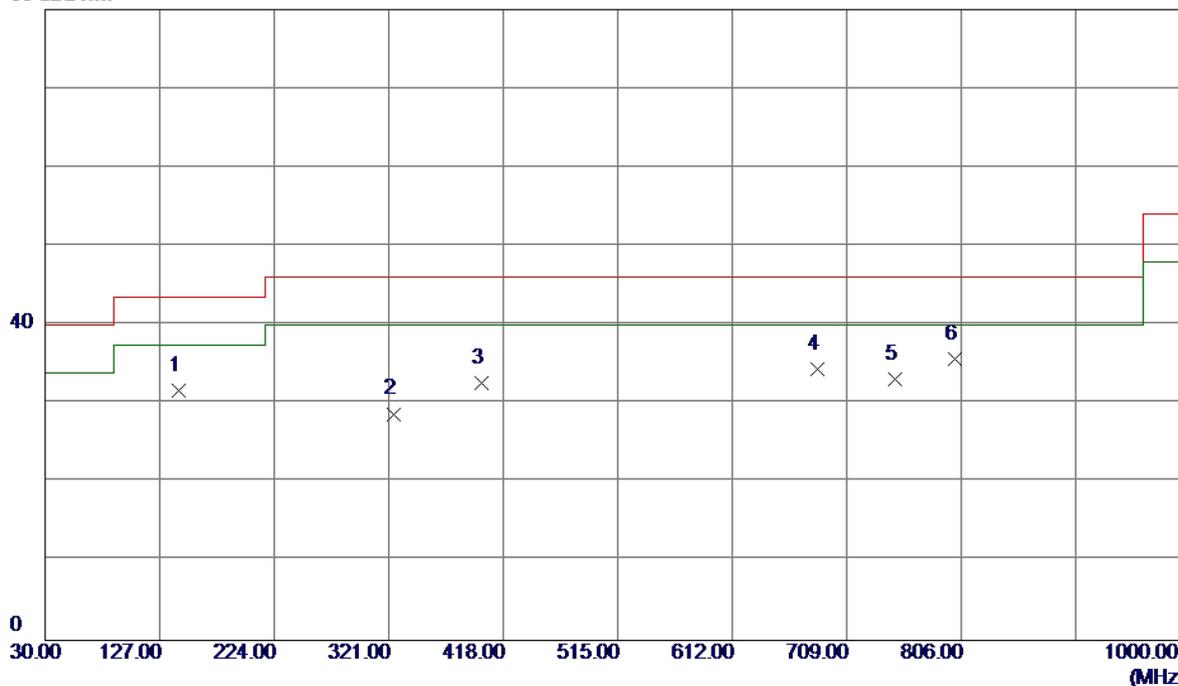


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	44.5500	42.64	-13.41	29.23	40.00	-10.77	Peak	
2	138.6400	43.14	-13.95	29.19	43.50	-14.31	Peak	
3	624.6100	47.85	-6.51	41.34	46.00	-4.66	Peak	
4	655.6500	45.76	-5.00	40.76	46.00	-5.24	Peak	
5	749.7400	41.86	-4.60	37.26	46.00	-8.74	Peak	
6	800.1800	37.99	-2.08	35.91	46.00	-10.09	Peak	

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

### Horizontal

80 dBuV/m



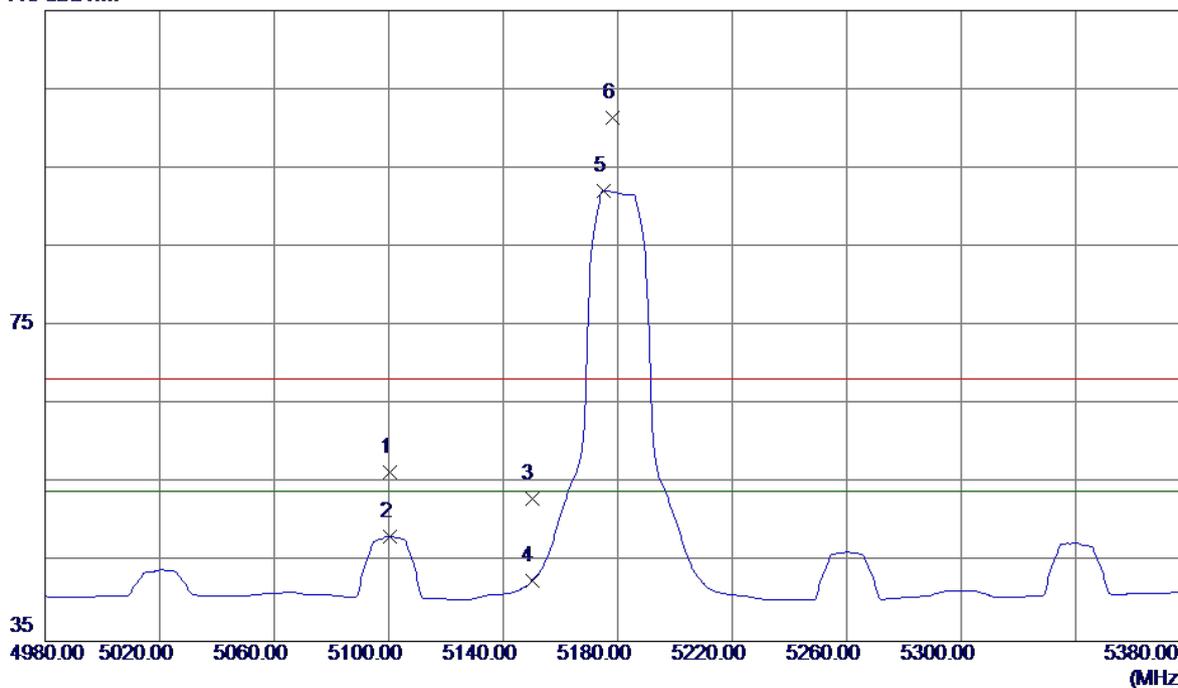
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	143.4900	45.41	-13.71	31.70	43.50	-11.80	Peak	
2	324.8800	39.64	-10.92	28.72	46.00	-17.28	Peak	
3	399.5700	41.93	-9.34	32.59	46.00	-13.41	Peak	
4	683.7800	38.86	-4.49	34.37	46.00	-11.63	Peak	
5	749.7400	37.70	-4.60	33.10	46.00	-12.90	Peak	
6	800.1800	37.69	-2.08	35.61	46.00	-10.39	Peak	

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

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

### Vertical

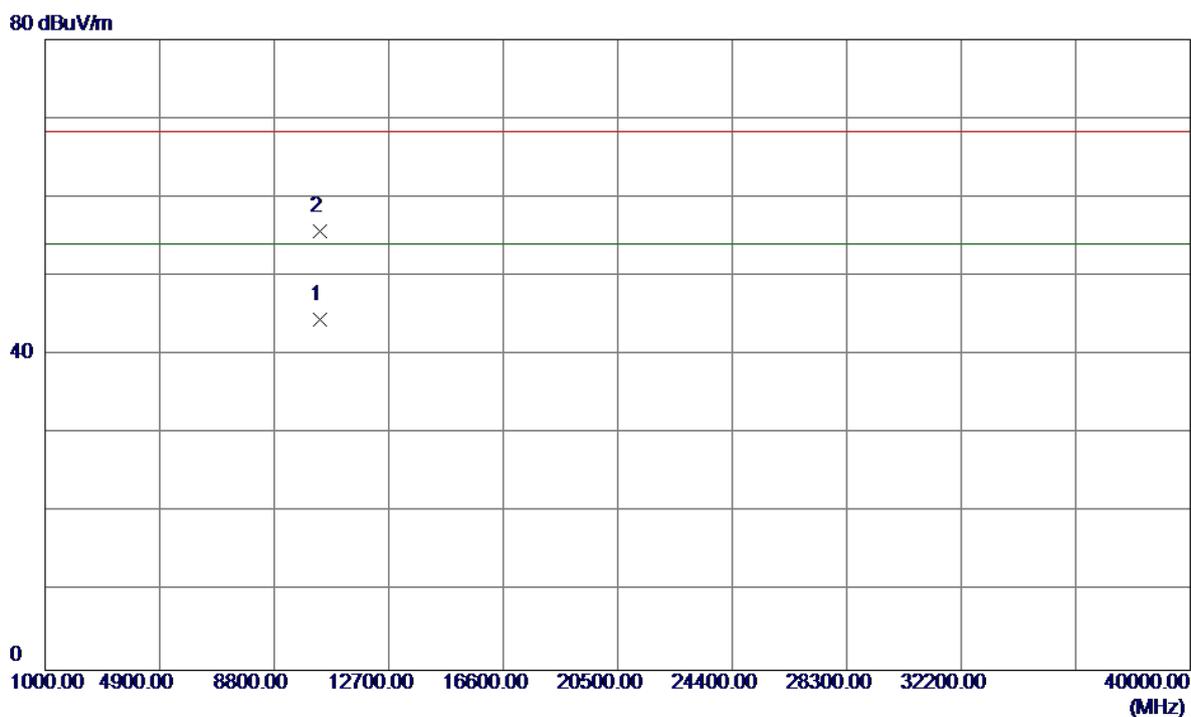
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5100.4000	16.28	40.11	56.39	68.30	-11.91	Peak	
2	5100.4000	8.22	40.11	48.33	54.00	-5.67	AVG	
3	5150.0000	12.80	40.22	53.02	68.30	-15.28	Peak	
4	5150.0000	2.40	40.22	42.62	54.00	-11.38	AVG	
5	5175.2000	51.87	40.27	92.14	54.00	38.14	AVG	No Limit
6	5178.4000	61.07	40.28	101.35	68.30	33.05	Peak	No Limit

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

### Vertical

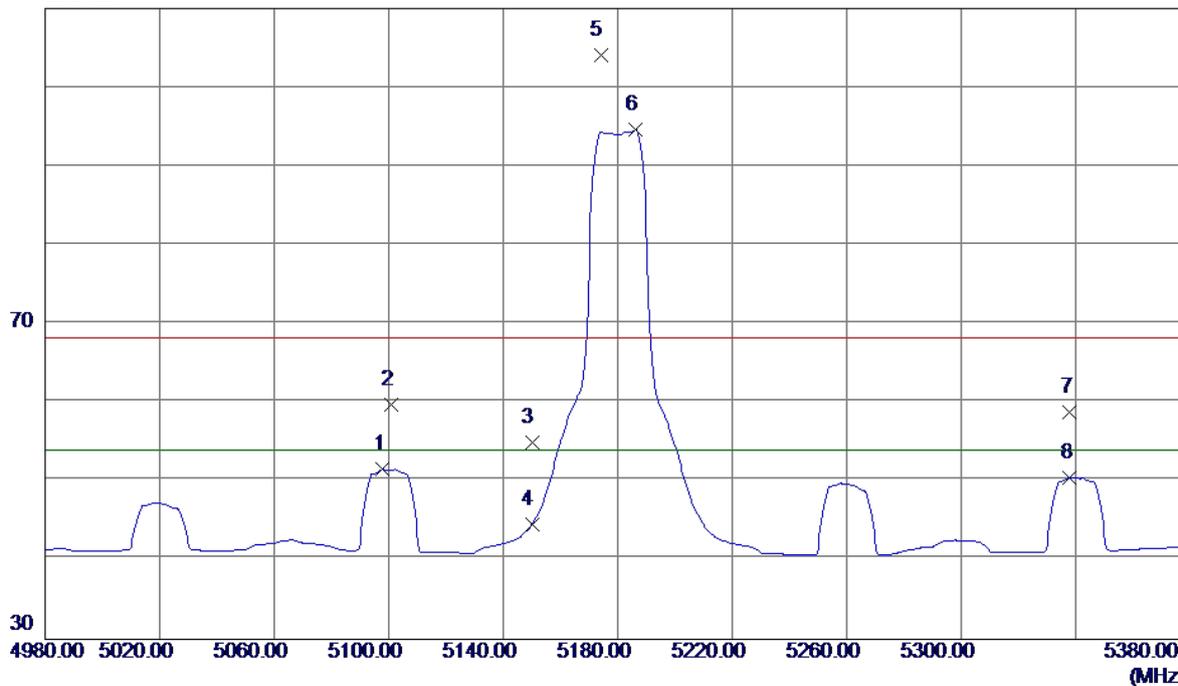


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.0000	30.62	13.86	44.48	54.00	-9.52	AVG	
2	10360.1000	41.75	13.86	55.61	68.30	-12.69	Peak	

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

### Horizontal

110 dBuV/m

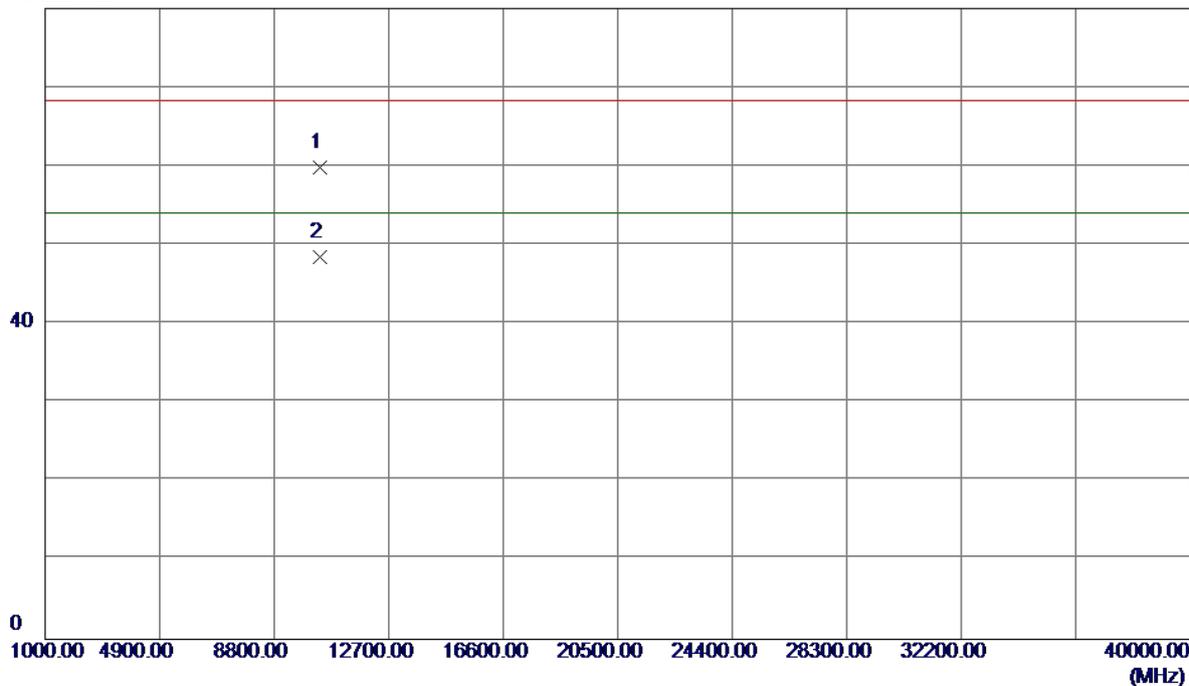


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5098.0000	11.47	40.11	51.58	54.00	-2.42	AVG	
2	5100.8000	19.65	40.11	59.76	68.30	-8.54	Peak	
3	5150.0000	14.80	40.22	55.02	68.30	-13.28	Peak	
4	5150.0000	4.34	40.22	44.56	54.00	-9.44	AVG	
5	5174.0000	63.81	40.27	104.08	68.30	35.78	Peak	No Limit
6	5186.4000	54.37	40.30	94.67	54.00	40.67	AVG	No Limit
7	5338.0000	18.14	40.62	58.76	68.30	-9.54	Peak	
8	5338.0000	9.93	40.62	50.55	54.00	-3.45	AVG	

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

### Horizontal

80 dBuV/m

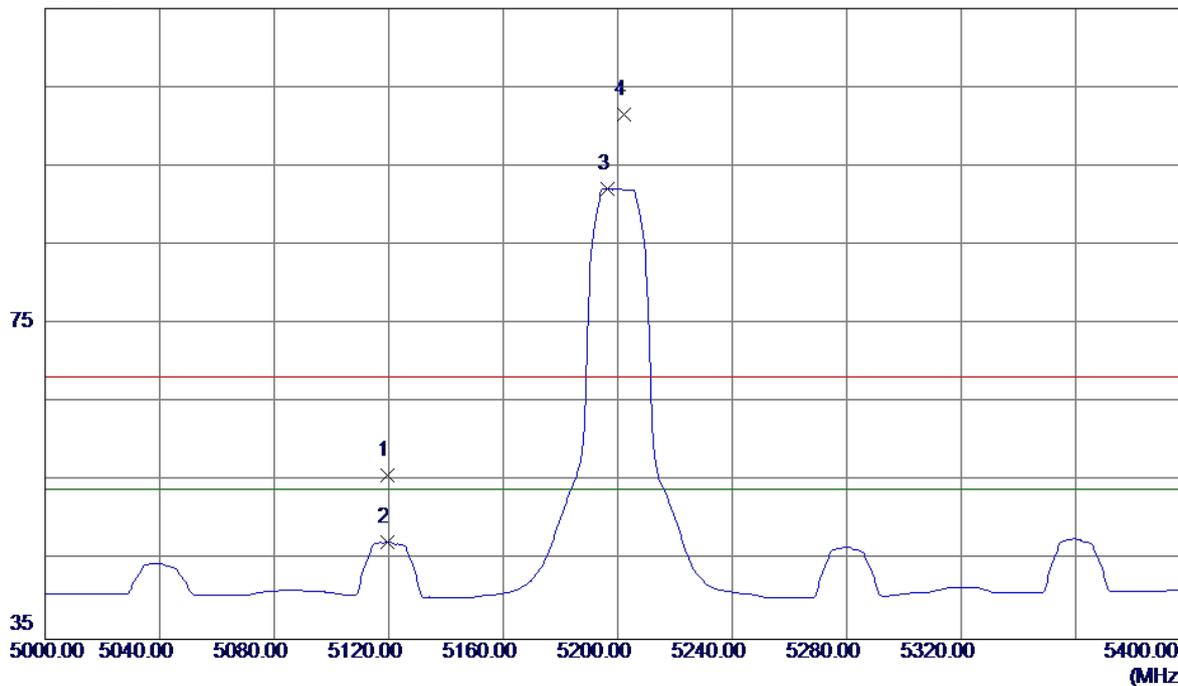


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.0000	46.01	13.86	59.87	68.30	-8.43	Peak	
2	10360.6000	34.56	13.86	48.42	54.00	-5.58	AVG	

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

### Vertical

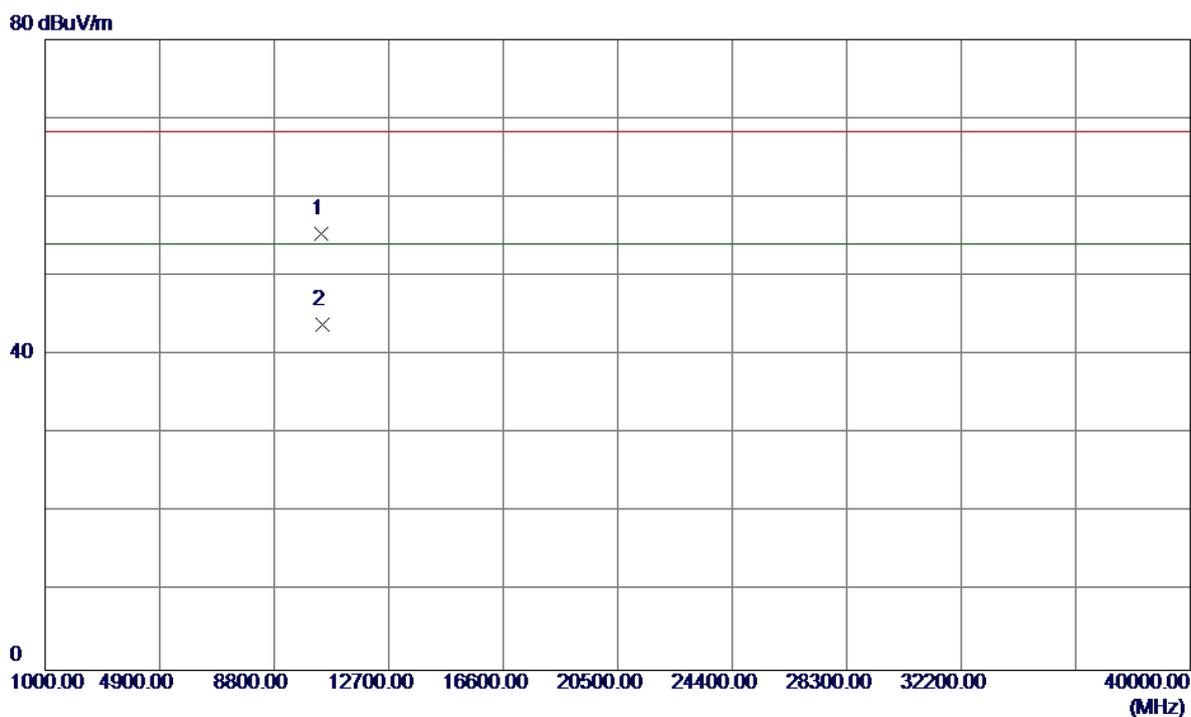
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5119.6000	15.58	40.15	55.73	68.30	-12.57	Peak	
2	5196.4000	7.14	40.15	47.29	54.00	-6.71	AVG	
3	5196.4000	51.84	40.32	92.16	54.00	38.16	AVG	No Limit
4	5202.4000	61.20	40.33	101.53	68.30	33.23	Peak	No Limit

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

### Vertical

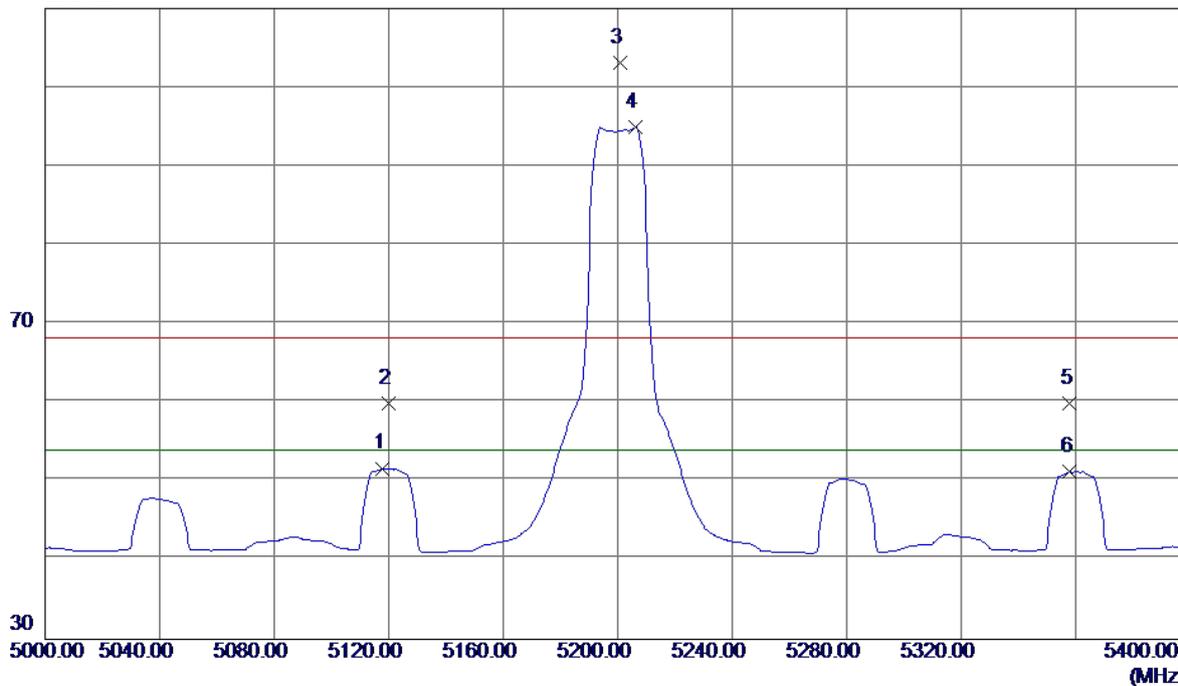


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.6700	41.51	13.80	55.31	68.30	-12.99	Peak	
2	10440.6700	30.11	13.75	43.86	54.00	-10.14	AVG	

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

### Horizontal

110 dBuV/m

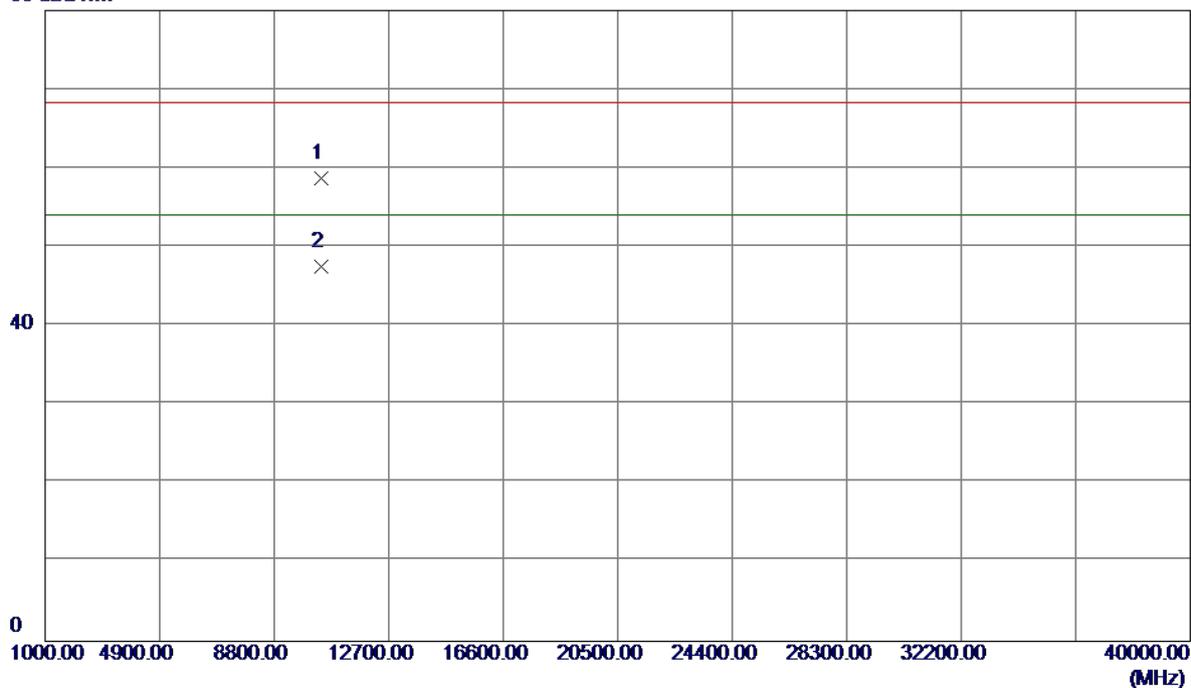


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5118.0000	11.53	40.15	51.68	54.00	-2.32	AVG	
2	5120.0000	19.80	40.15	59.95	68.30	-8.35	Peak	
3	5200.8000	62.72	40.33	103.05	68.30	34.75	Peak	No Limit
4	5206.4000	54.68	40.34	95.02	54.00	41.02	AVG	No Limit
5	5358.0000	19.24	40.66	59.90	68.30	-8.40	Peak	
6	5358.0000	10.64	40.66	51.30	54.00	-2.70	AVG	

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

### Horizontal

80 dBuV/m

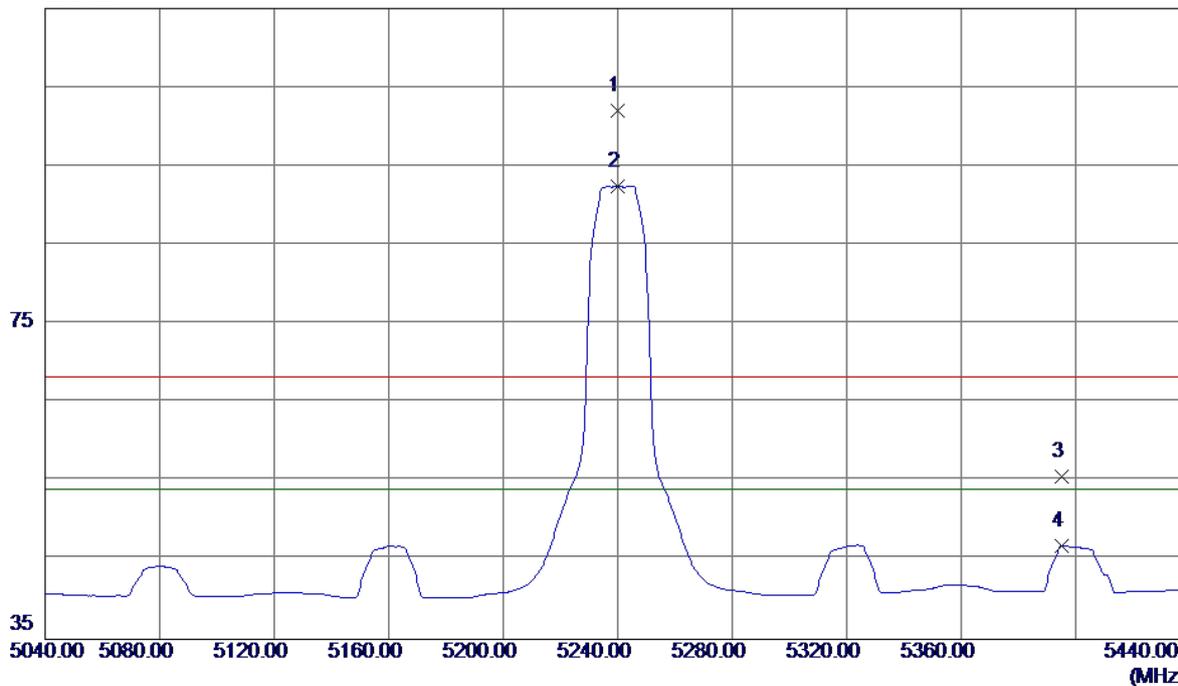


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10399.9000	44.90	13.80	58.70	68.30	-9.60	Peak	
2	10399.9000	33.66	13.80	47.46	54.00	-6.54	AVG	

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

### Vertical

115 dBuV/m

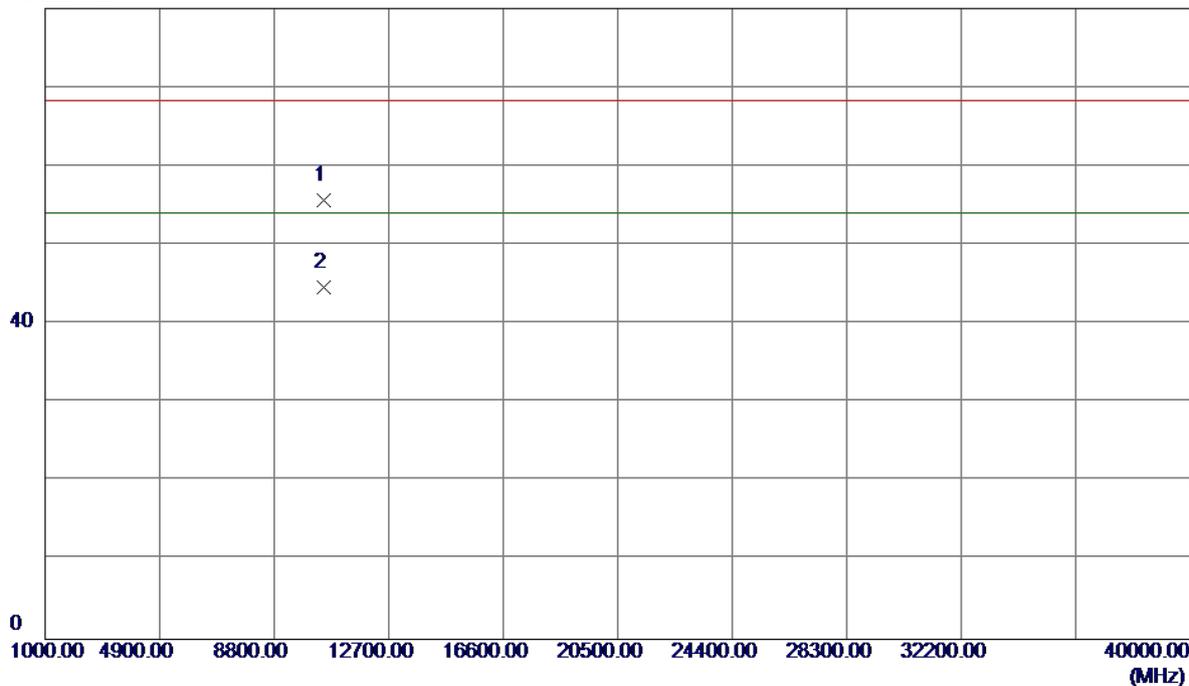


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5240.0000	61.62	40.41	102.03	68.30	33.73	Peak	No Limit
2	5240.0000	52.07	40.41	92.48	54.00	38.48	AVG	No Limit
3	5395.2000	14.87	40.74	55.61	68.30	-12.69	Peak	
4	5395.2000	6.12	40.74	46.86	54.00	-7.14	AVG	

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

### Vertical

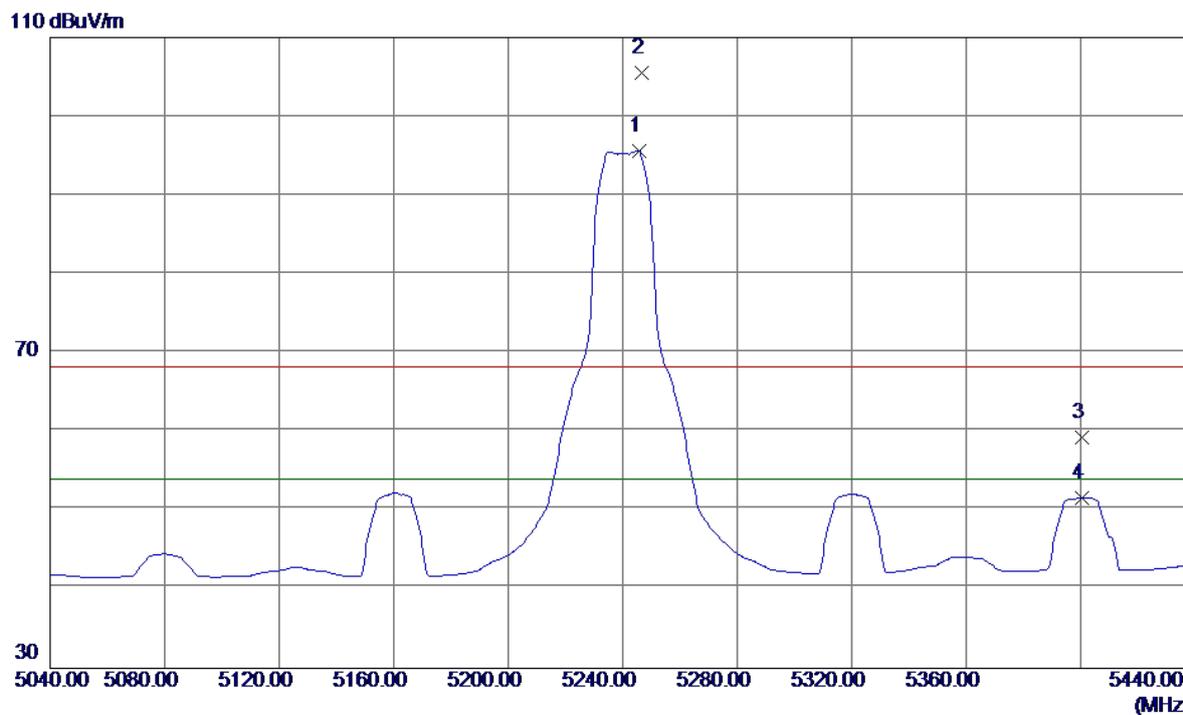
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.8610	42.04	13.69	55.73	68.30	-12.57	Peak	
2	10481.0400	30.92	13.69	44.61	54.00	-9.39	AVG	

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

### Horizontal

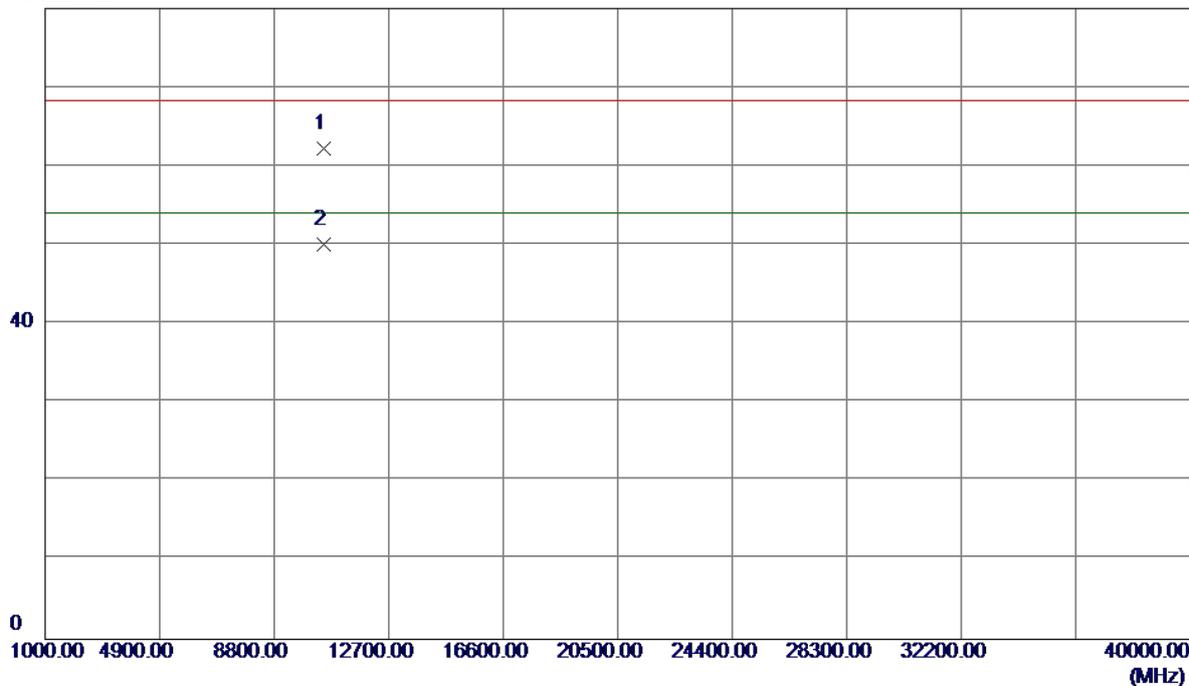


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5245.6000	55.23	40.42	95.65	54.00	41.65	AVG	No Limit
2	5246.8000	65.13	40.42	105.55	68.30	37.25	Peak	No Limit
3	5400.4000	18.50	40.75	59.25	68.30	-9.05	Peak	
4	5400.4000	10.92	40.75	51.67	54.00	-2.33	AVG	

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

### Horizontal

80 dBuV/m

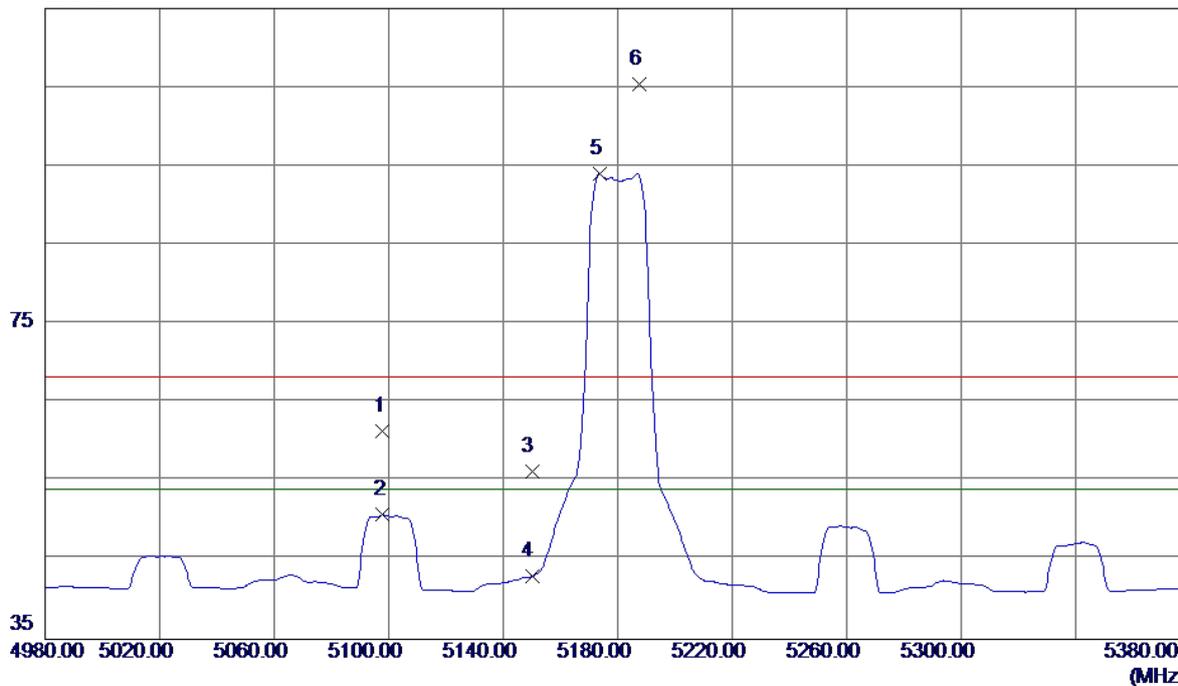


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.3570	48.60	13.69	62.29	68.30	-6.01	Peak	
2	10480.6470	36.41	13.69	50.10	54.00	-3.90	AVG	

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

### Vertical

115 dBuV/m

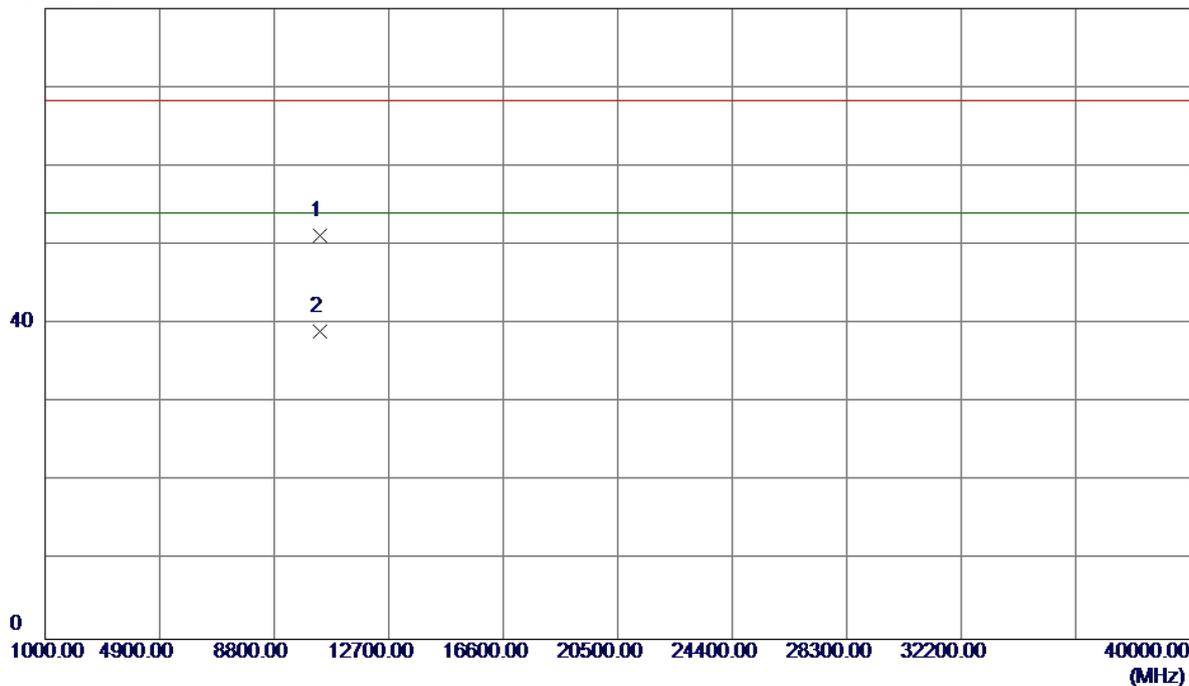


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5098.0000	21.29	40.11	61.40	68.30	-6.90	Peak	
2	5098.0000	10.70	40.11	50.81	54.00	-3.19	AVG	
3	5150.0000	16.04	40.22	56.26	68.30	-12.04	Peak	
4	5150.0000	2.73	40.22	42.95	54.00	-11.05	AVG	
5	5173.6000	53.84	40.27	94.11	54.00	40.11	AVG	No Limit
6	5187.6000	65.17	40.30	105.47	68.30	37.17	Peak	No Limit

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

### Vertical

80 dBuV/m

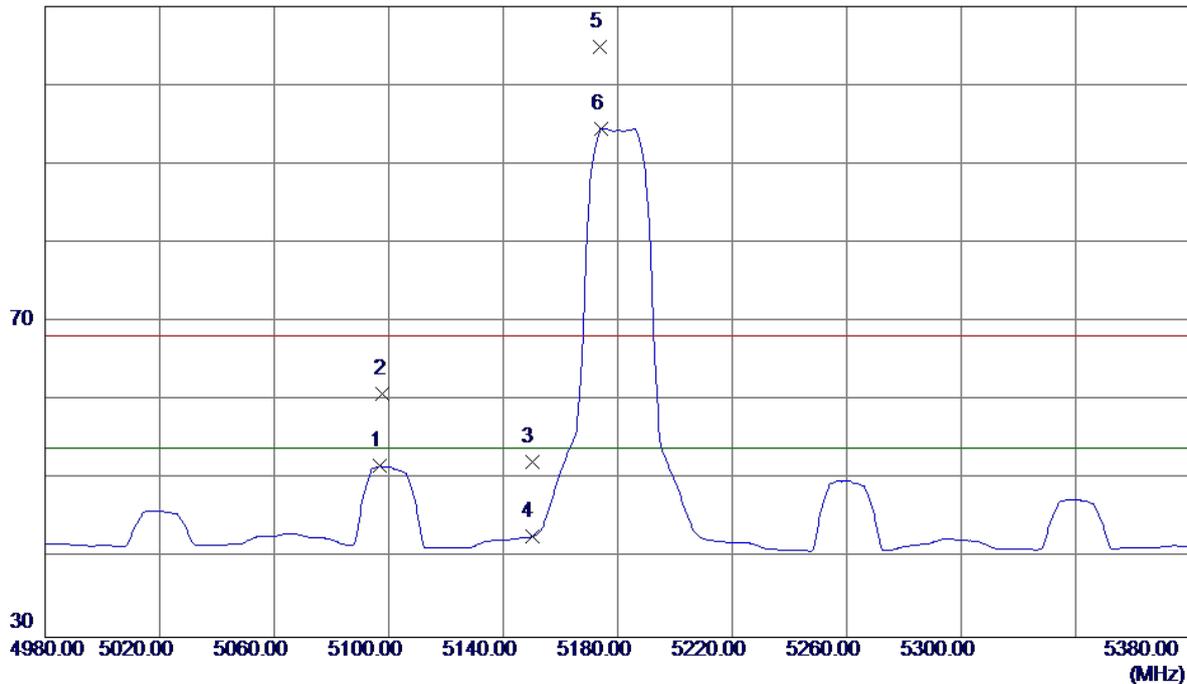


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.0199	37.34	13.86	51.20	68.30	-17.10	Peak	
2	10360.0800	25.11	13.86	38.97	54.00	-15.03	AVG	

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

### Horizontal

110 dBuV/m

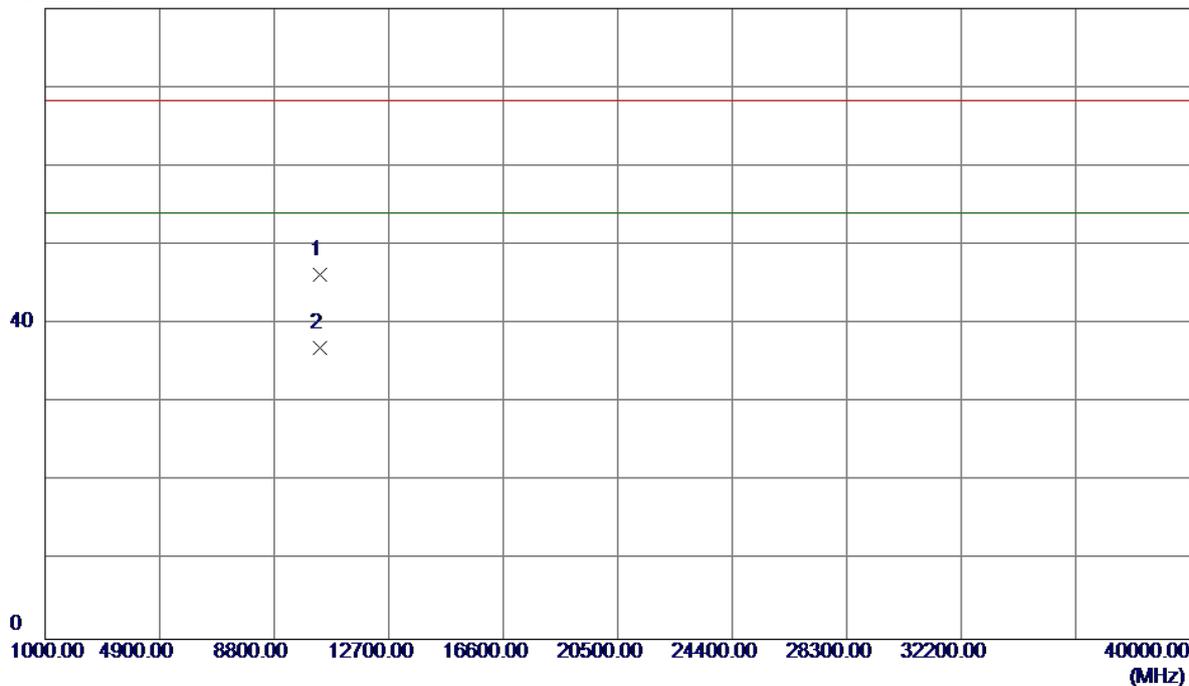


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5096.8000	11.58	40.11	51.69	54.00	-2.31	AVG	
2	5098.0000	20.70	40.11	60.81	68.30	-7.49	Peak	
3	5150.0000	12.03	40.22	52.25	68.30	-16.05	Peak	
4	5150.0000	2.55	40.22	42.77	54.00	-11.23	AVG	
5	5173.6000	64.65	40.27	104.92	68.30	36.62	Peak	No Limit
6	5174.4000	54.28	40.27	94.55	54.00	40.55	AVG	No Limit

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

### Horizontal

80 dBuV/m

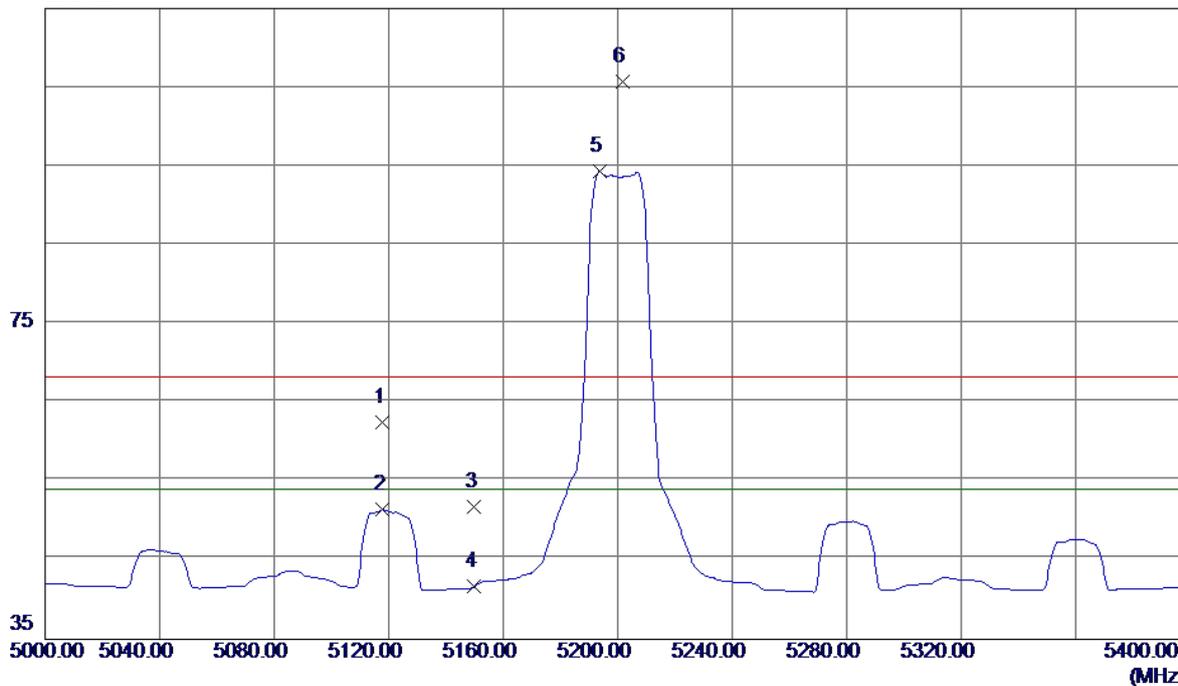


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.2590	32.34	13.86	46.20	68.30	-22.10	Peak	
2	10360.3500	23.14	13.86	37.00	54.00	-17.00	AVG	

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

### Vertical

115 dBuV/m

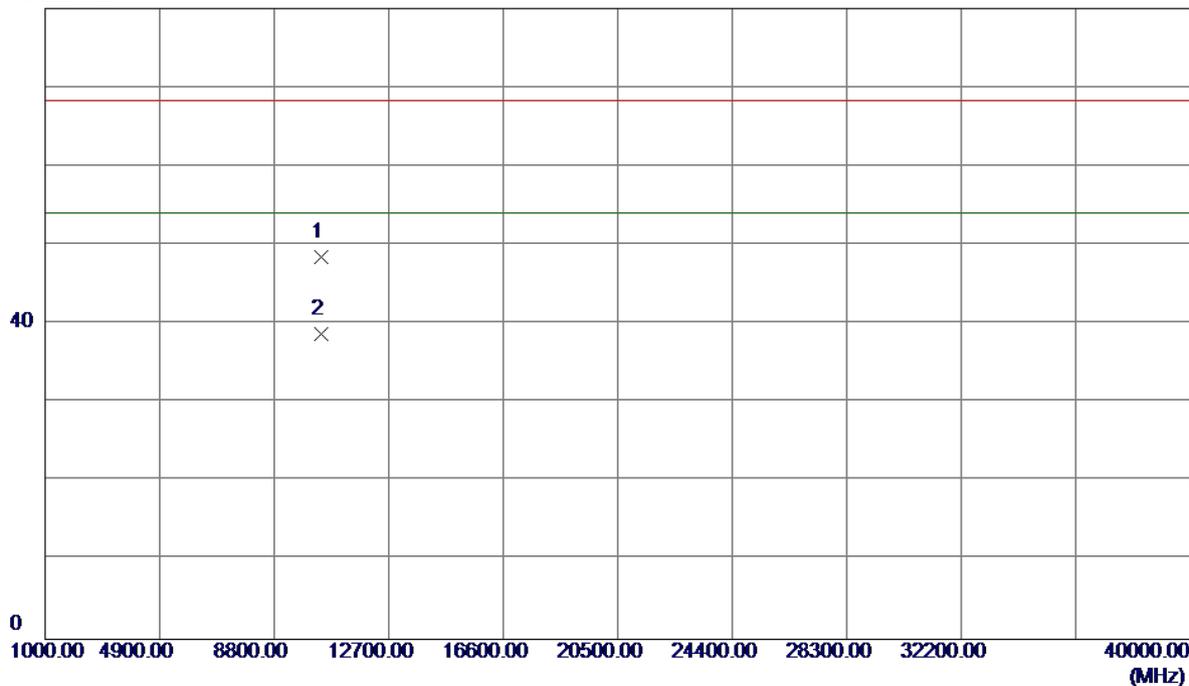


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5118.0000	22.33	40.15	62.48	68.30	-5.82	Peak	
2	5118.0000	11.29	40.15	51.44	54.00	-2.56	AVG	
3	5150.0000	11.52	40.22	51.74	68.30	-16.56	Peak	
4	5150.0000	1.46	40.22	41.68	54.00	-12.32	AVG	
5	5193.6000	54.04	40.31	94.35	54.00	40.35	AVG	No Limit
6	5201.6000	65.32	40.33	105.65	68.30	37.35	Peak	No Limit

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

### Vertical

80 dBuV/m

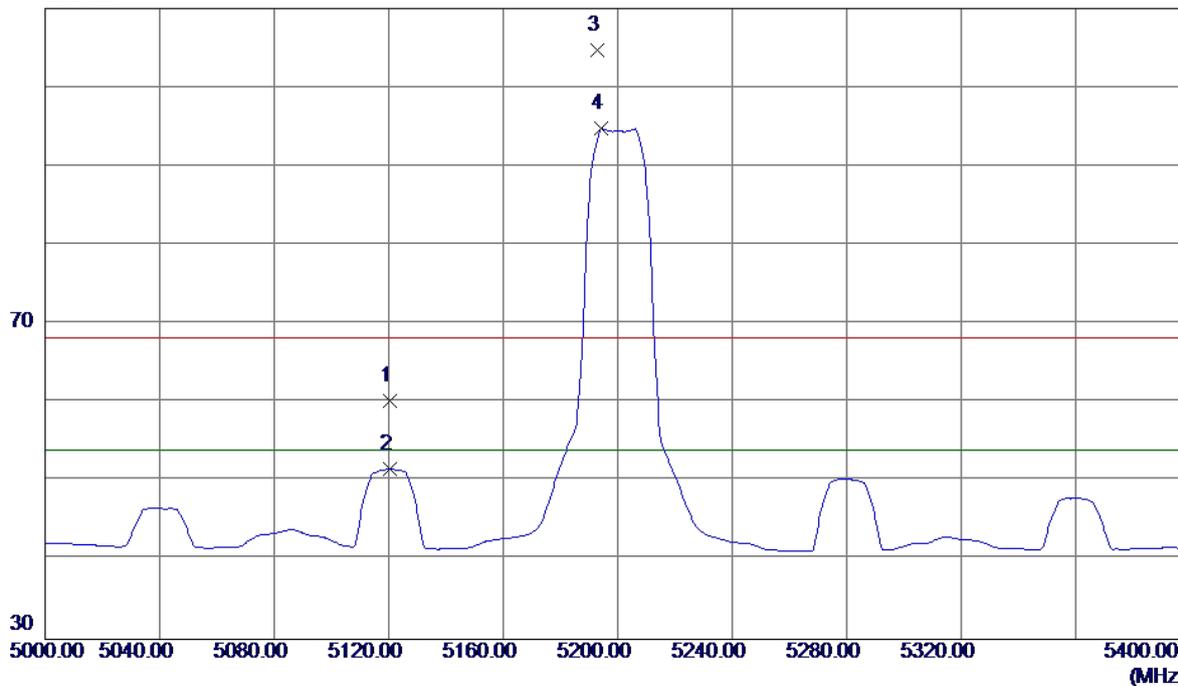


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.3530	34.65	13.80	48.45	68.30	-19.85	Peak	
2	10400.1730	24.87	13.80	38.67	54.00	-15.33	AVG	

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

### Horizontal

110 dBuV/m

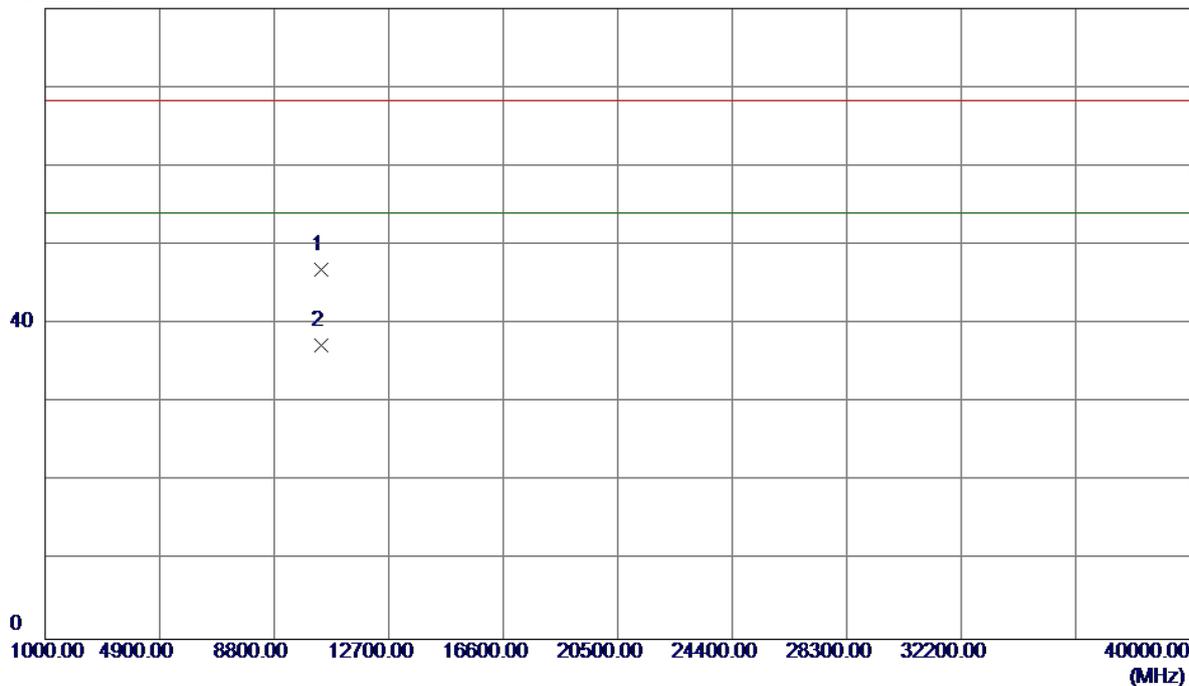


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5120.4000	20.05	40.16	60.21	68.30	-8.09	Peak	
2	5120.4000	11.50	40.16	51.66	54.00	-2.34	AVG	
3	5192.8000	64.43	40.31	104.74	68.30	36.44	Peak	No Limit
4	5194.4000	54.44	40.31	94.75	54.00	40.75	AVG	No Limit

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

### Horizontal

80 dBuV/m

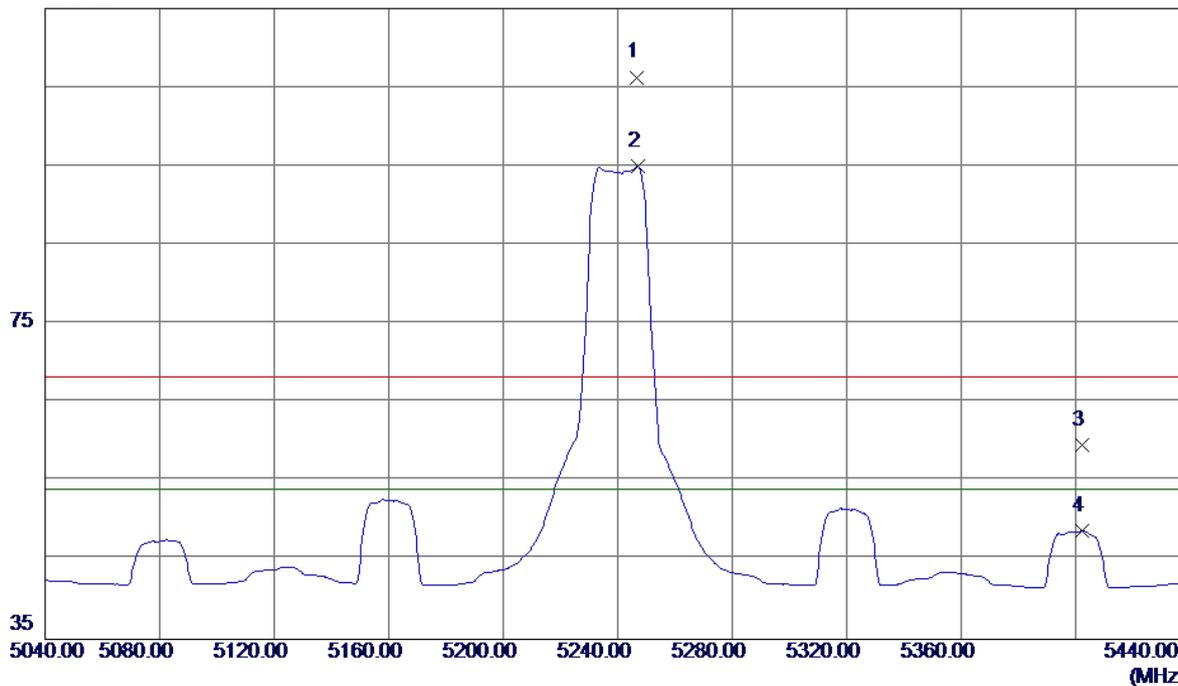


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.2200	33.02	13.80	46.82	68.30	-21.48	Peak	
2	10400.2200	23.54	13.80	37.34	54.00	-16.66	AVG	

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

### Vertical

115 dBuV/m

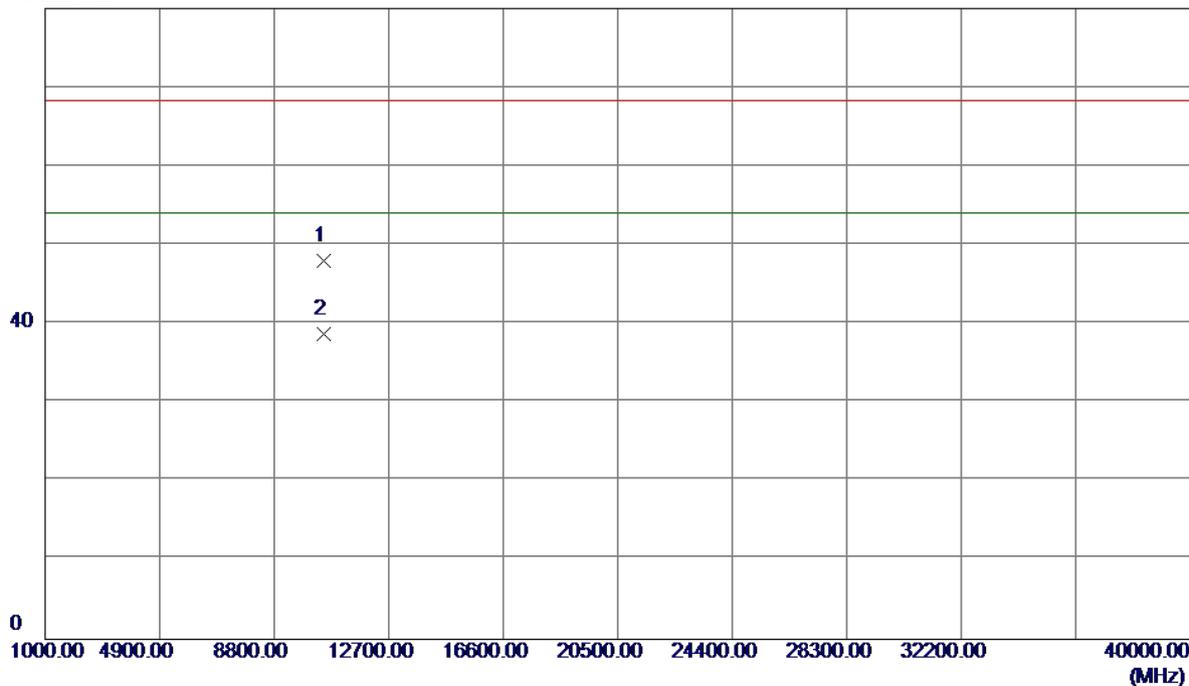


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5246.8000	65.86	40.42	106.28	68.30	37.98	Peak	No Limit
2	5247.2000	54.59	40.42	95.01	54.00	41.01	AVG	No Limit
3	5402.4000	18.91	40.75	59.66	68.30	-8.64	Peak	
4	5402.4000	8.01	40.75	48.76	54.00	-5.24	AVG	

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

### Vertical

80 dBuV/m

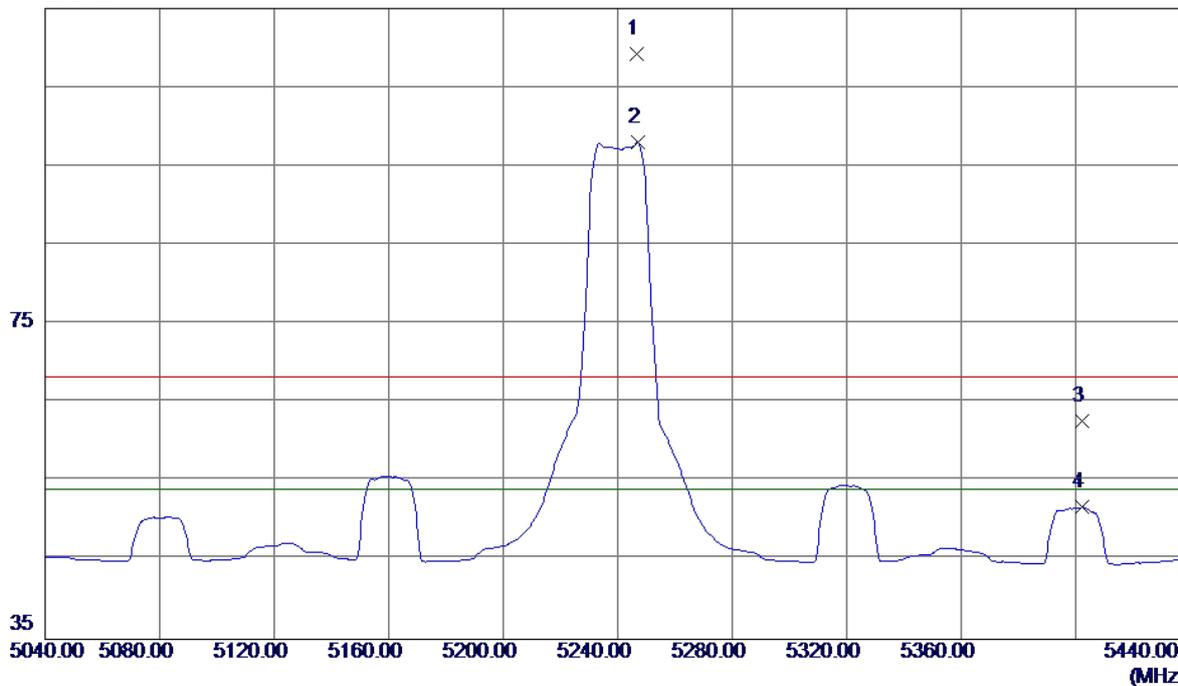


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.3099	34.34	13.69	48.03	68.30	-20.27	Peak	
2	10480.3099	25.10	13.69	38.79	54.00	-15.21	AVG	

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

### Horizontal

115 dBuV/m

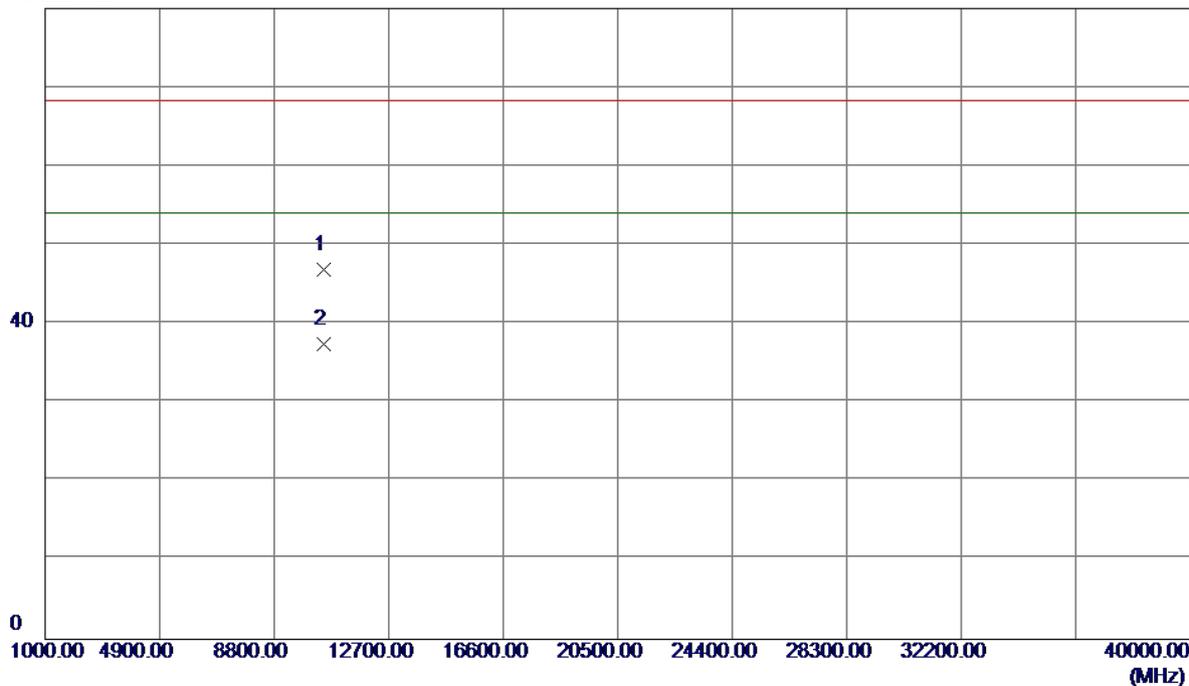


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5246.8000	68.86	40.42	109.28	68.30	40.98	Peak	No Limit
2	5247.2000	57.59	40.42	98.01	54.00	44.01	AVG	No Limit
3	5402.4000	21.91	40.75	62.66	68.30	-5.64	Peak	
4	5402.4000	11.01	40.75	51.76	54.00	-2.24	AVG	

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

### Horizontal

80 dBuV/m

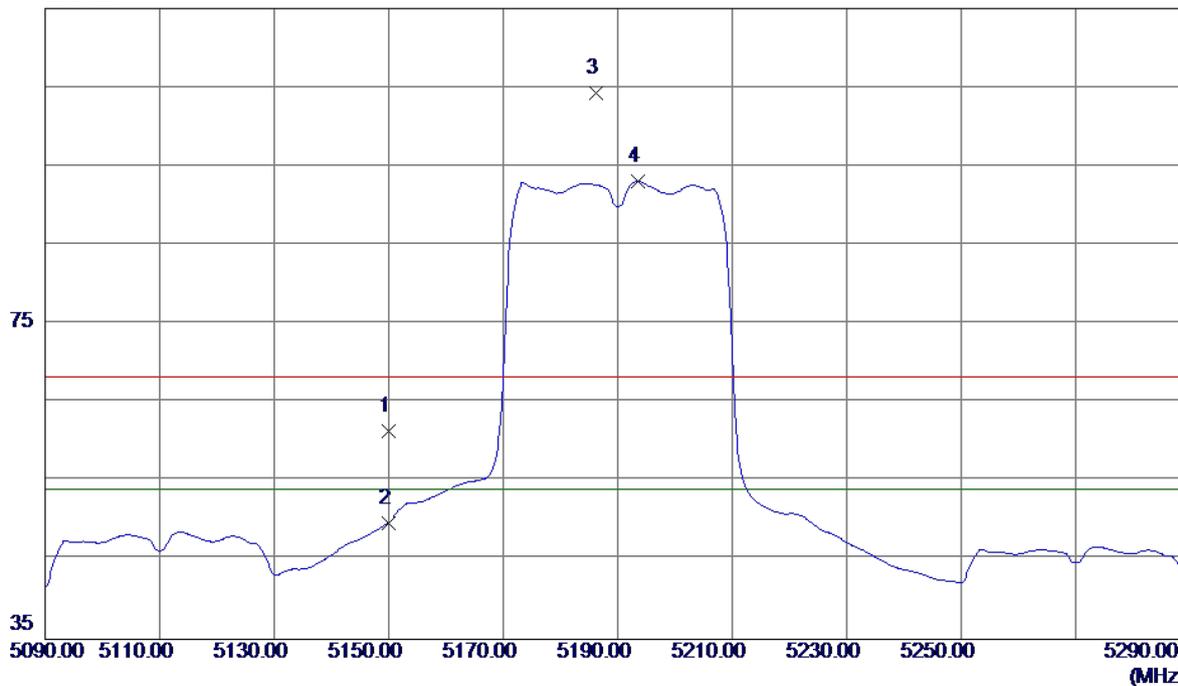


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10480.3680	33.22	13.69	46.91	68.30	-21.39	Peak	
2	10480.6600	23.71	13.69	37.40	54.00	-16.60	AVG	

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

### Vertical

115 dBuV/m

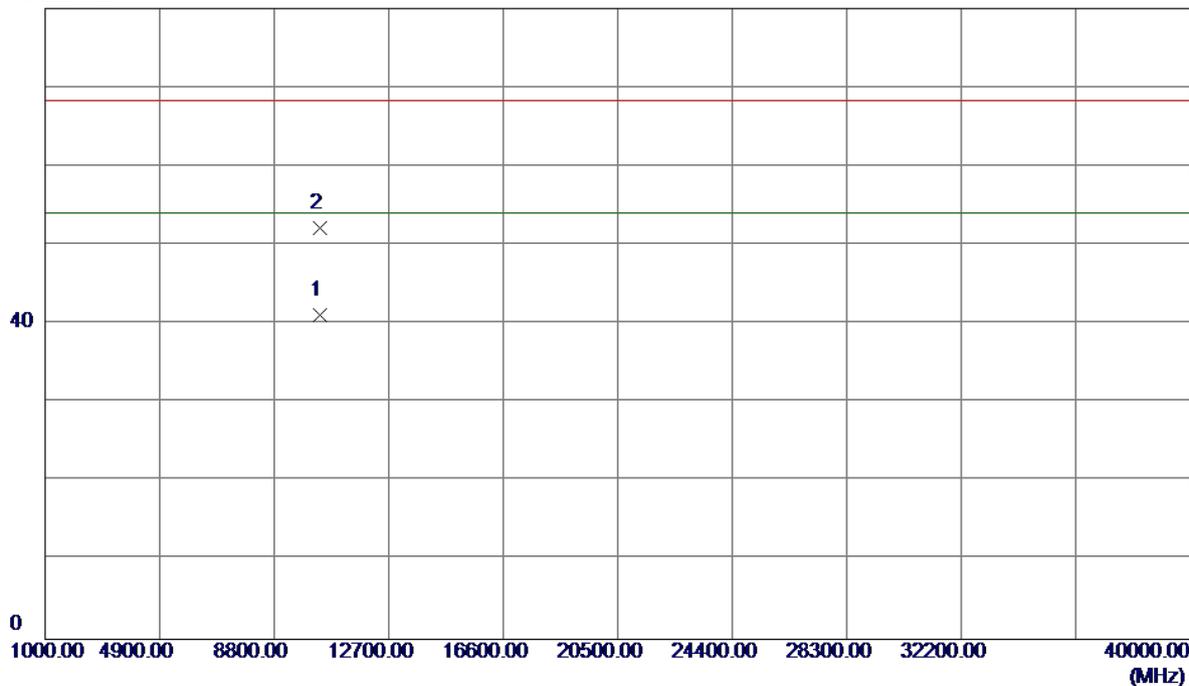


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	21.22	40.22	61.44	68.30	-6.86	Peak	
2	5150.0000	9.55	40.22	49.77	54.00	-4.23	AVG	
3	5186.2000	63.96	40.29	104.25	68.30	35.95	Peak	No Limit
4	5193.6000	52.75	40.31	93.06	54.00	39.06	AVG	No Limit

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

**Vertical**

80 dBuV/m

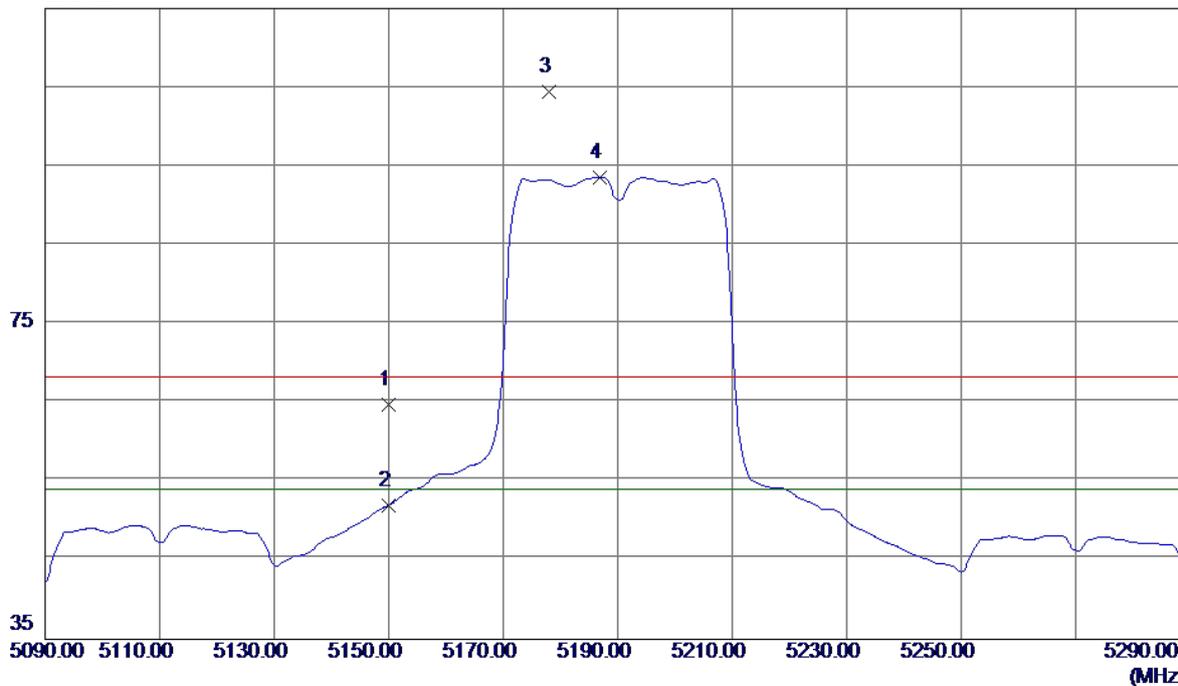


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10381.3000	27.32	13.83	41.15	54.00	-12.85	AVG	
2	10381.5000	38.35	13.83	52.18	68.30	-16.12	Peak	

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

### Horizontal

115 dBuV/m

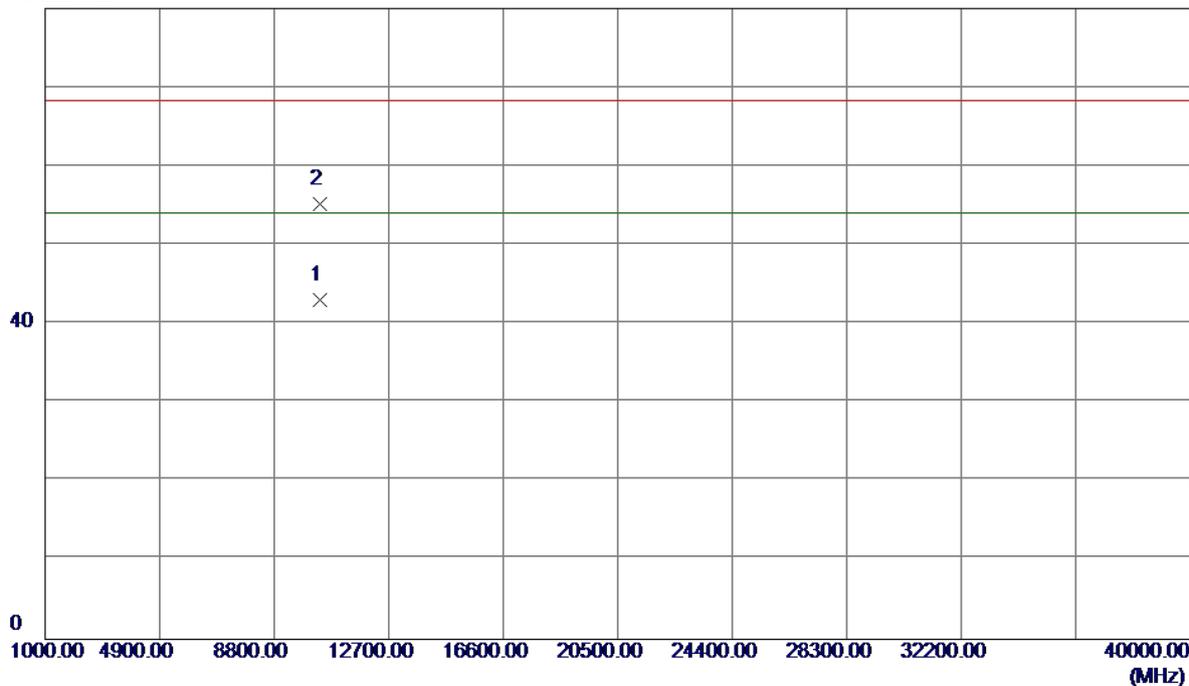


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.46	40.22	64.68	68.30	-3.62	Peak	
2	5150.0000	11.77	40.22	51.99	54.00	-2.01	AVG	
3	5178.0000	64.23	40.28	104.51	68.30	36.21	Peak	No Limit
4	5186.8000	53.33	40.30	93.63	54.00	39.63	AVG	No Limit

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

### Horizontal

80 dBuV/m

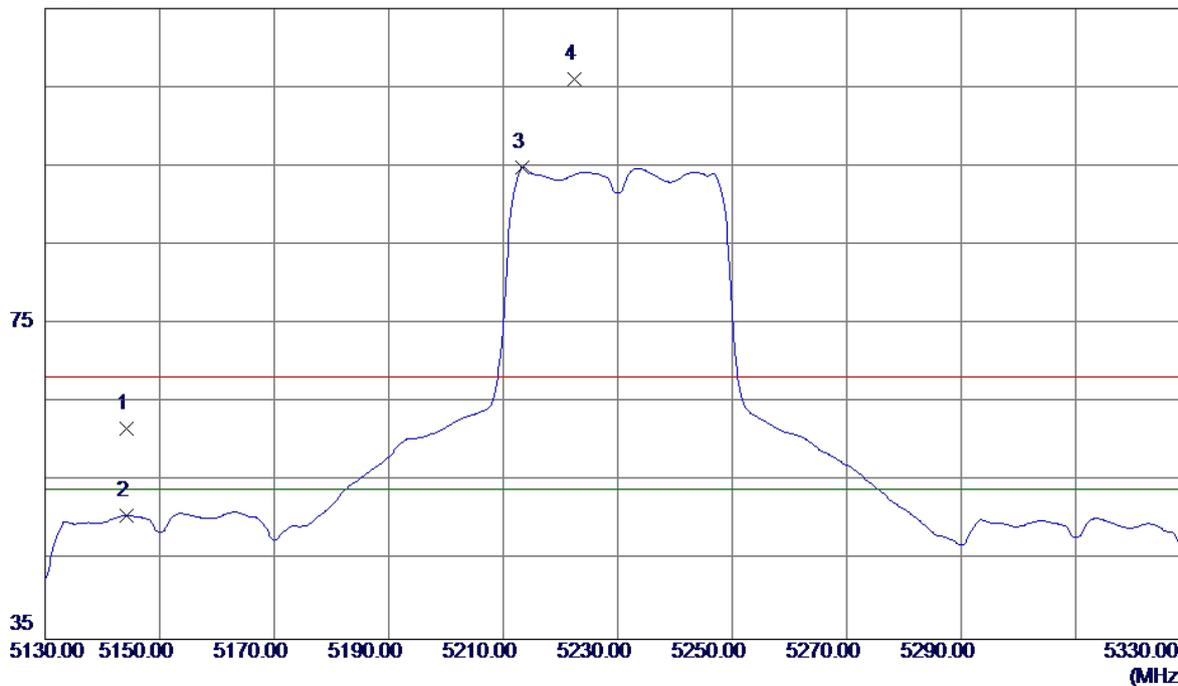


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10380.0000	29.23	13.83	43.06	54.00	-10.94	AVG	
2	10380.4300	41.35	13.83	55.18	68.30	-13.12	Peak	

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

### Vertical

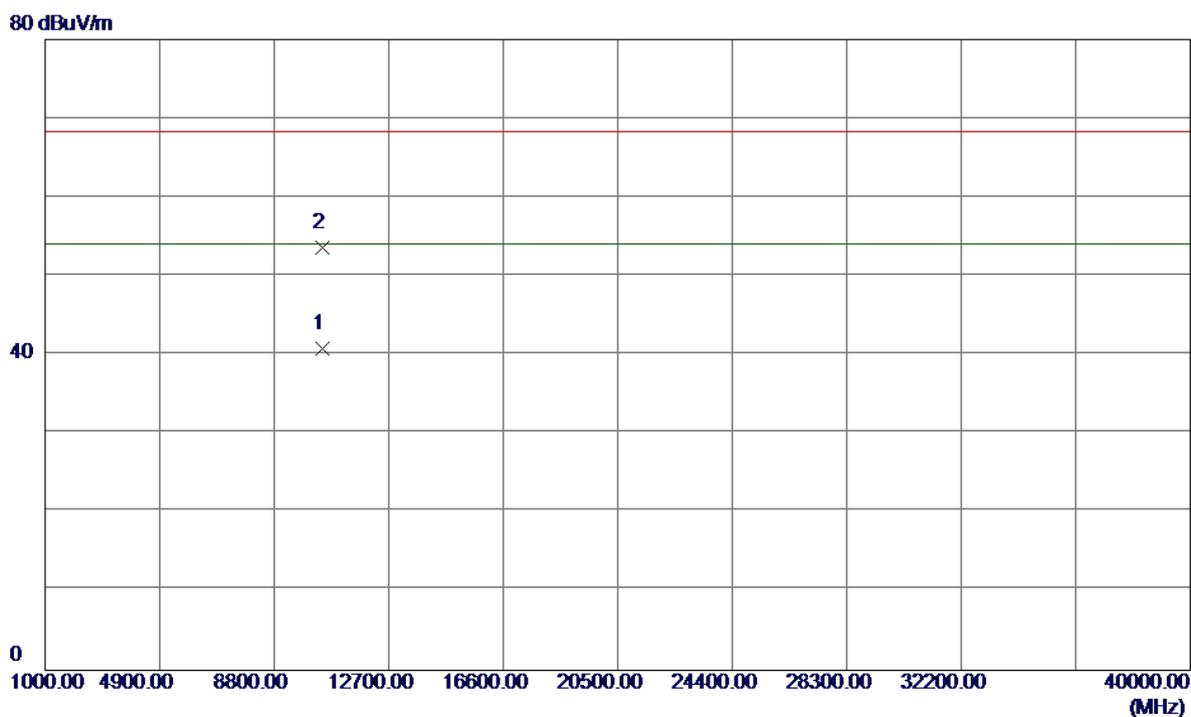
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5144.2000	21.58	40.21	61.79	68.30	-6.51	Peak	
2	5144.2000	10.49	40.21	50.70	54.00	-3.30	AVG	
3	5213.4000	54.53	40.35	94.88	54.00	40.88	AVG	No Limit
4	5222.4000	65.68	40.37	106.05	68.30	37.75	Peak	No Limit

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

### Vertical

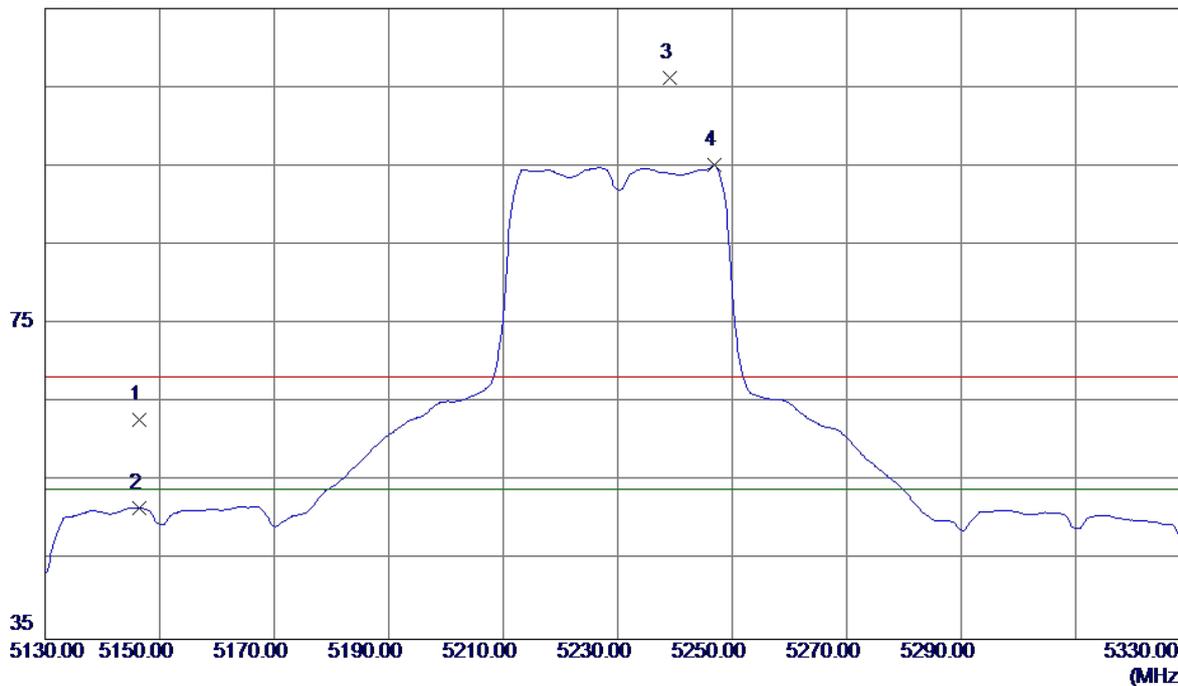


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10460.1260	27.15	13.72	40.87	54.00	-13.13	AVG	
2	10460.6100	39.88	13.72	53.60	68.30	-14.70	Peak	

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

### Horizontal

115 dBuV/m

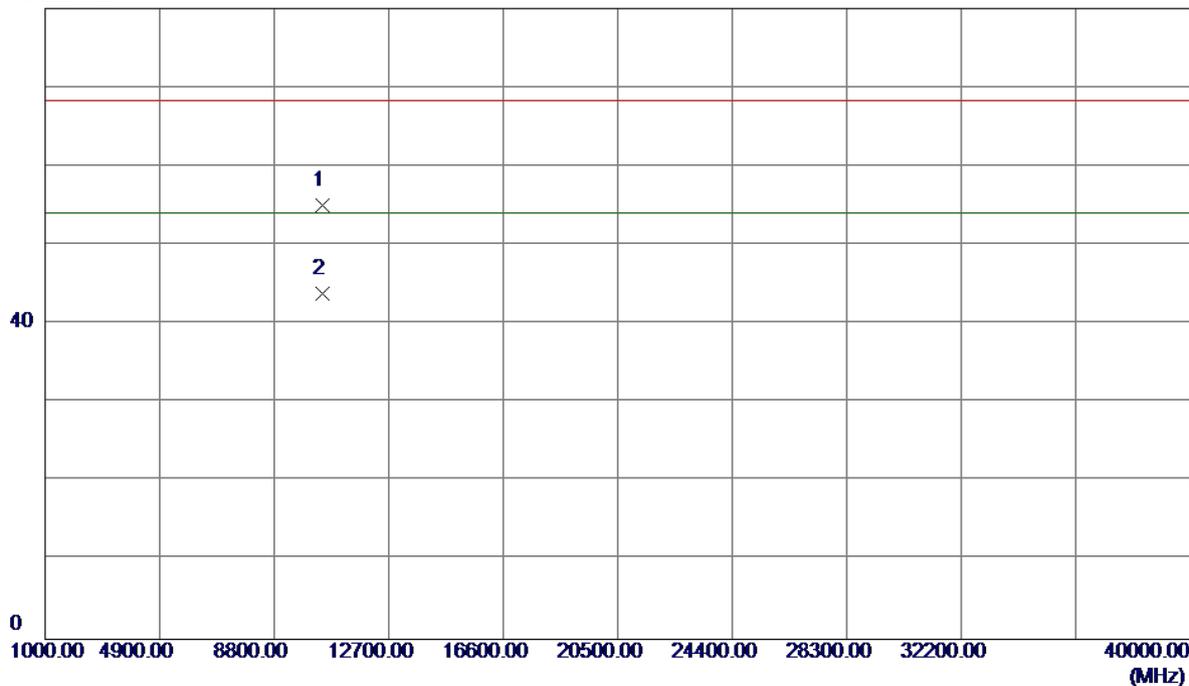


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5146.4000	22.61	40.21	62.82	68.30	-5.48	Peak	
2	5146.4000	11.43	40.21	51.64	54.00	-2.36	AVG	
3	5239.2000	65.73	40.41	106.14	68.30	37.84	Peak	No Limit
4	5246.8000	54.69	40.42	95.11	54.00	41.11	AVG	No Limit

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

### Horizontal

80 dBuV/m

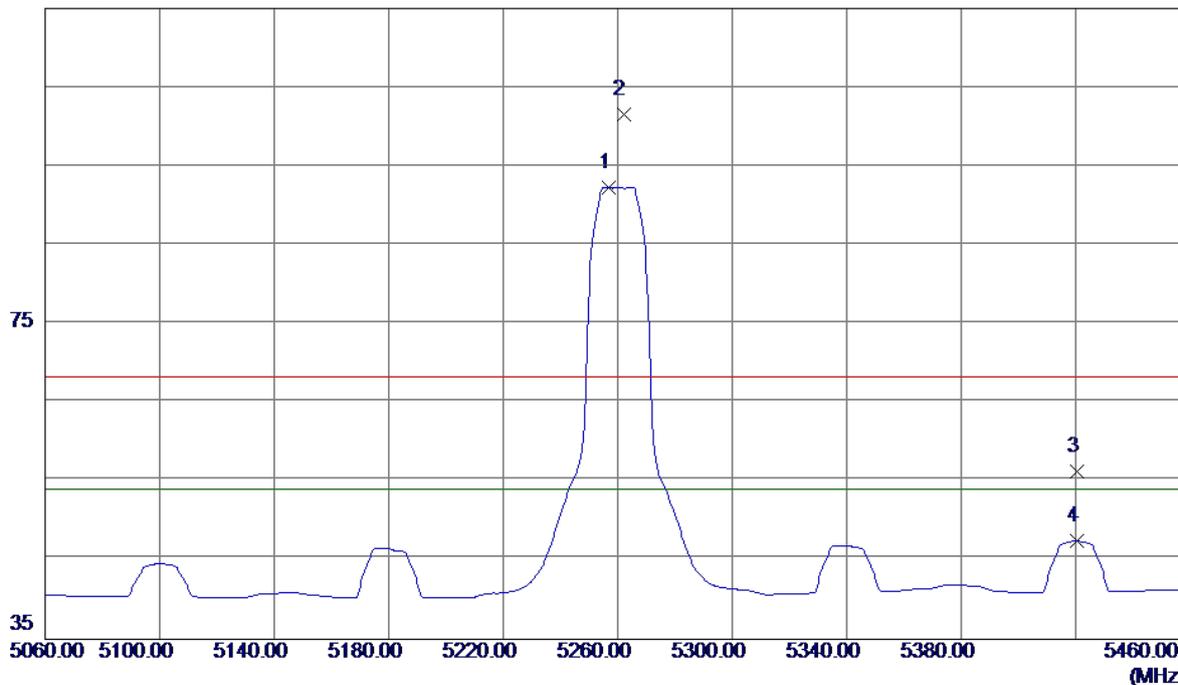


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10460.4500	41.31	13.72	55.03	68.30	-13.27	Peak	
2	10460.8300	30.15	13.72	43.87	54.00	-10.13	AVG	

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

### Vertical

115 dBuV/m

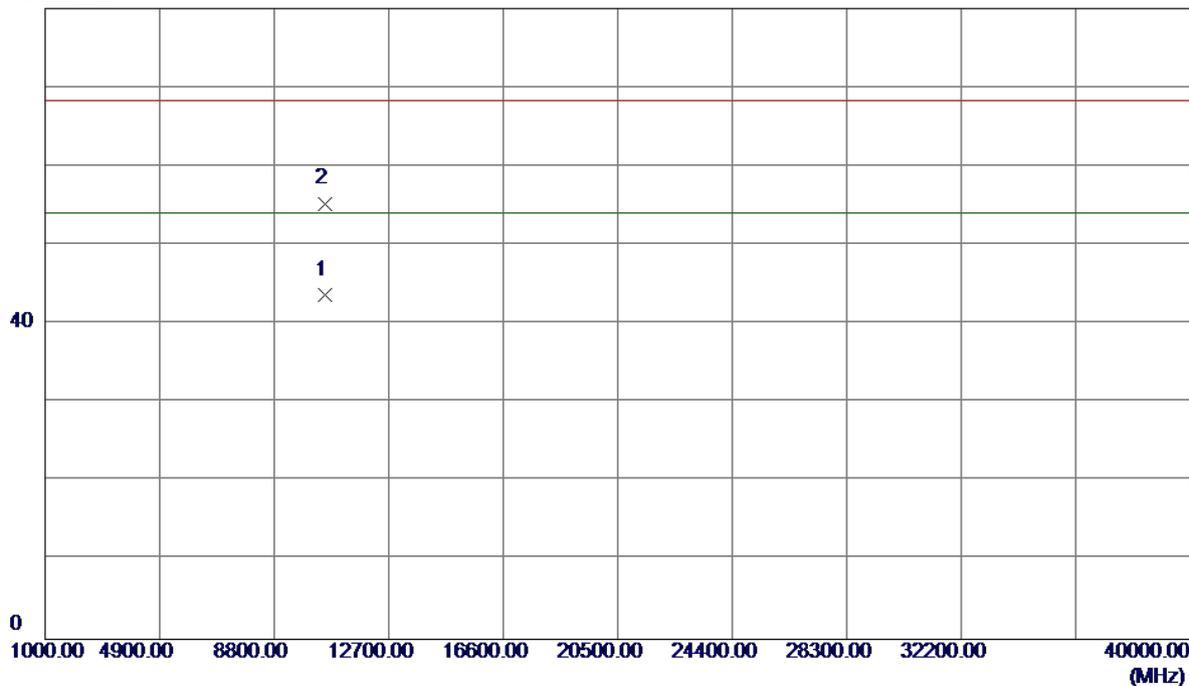


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5256.8000	51.87	40.44	92.31	54.00	38.31	AVG	No Limit
2	5262.0000	61.07	40.46	101.53	68.30	33.23	Peak	No Limit
3	5420.4000	15.42	40.79	56.21	68.30	-12.09	Peak	
4	5420.4000	6.71	40.79	47.50	54.00	-6.50	AVG	

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

### Vertical

80 dBuV/m

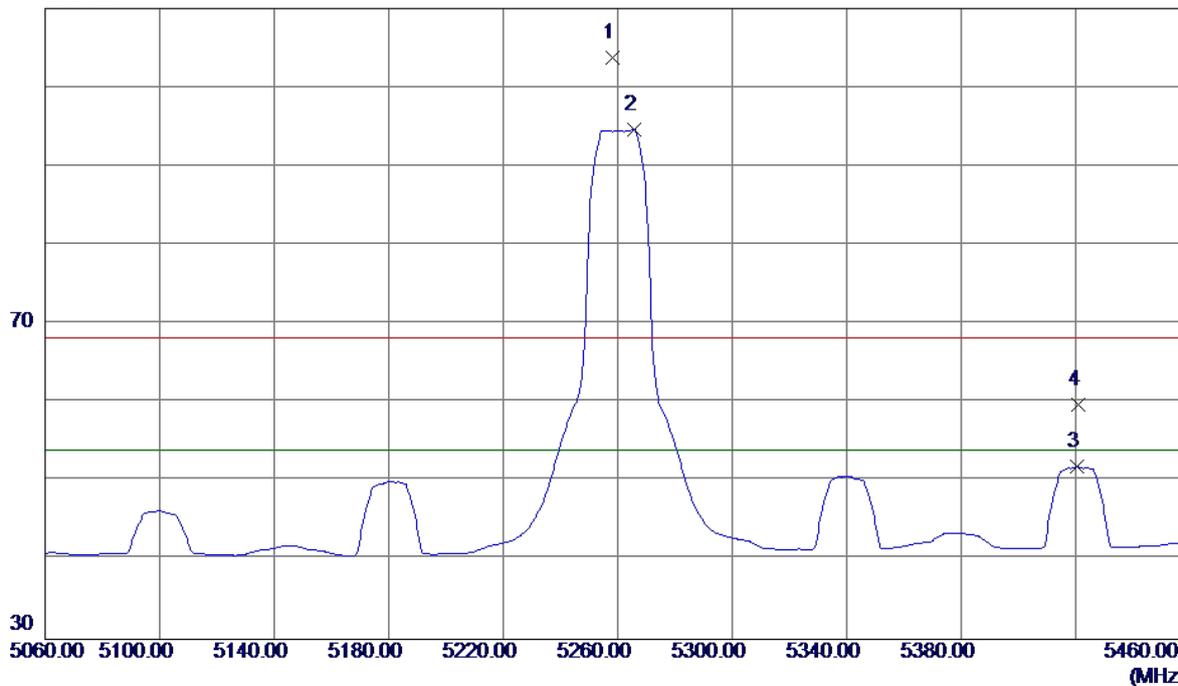


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.3000	29.94	13.75	43.69	54.00	-10.31	AVG	
2	10520.3600	41.53	13.75	55.28	68.30	-13.02	Peak	

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

### Horizontal

110 dBuV/m

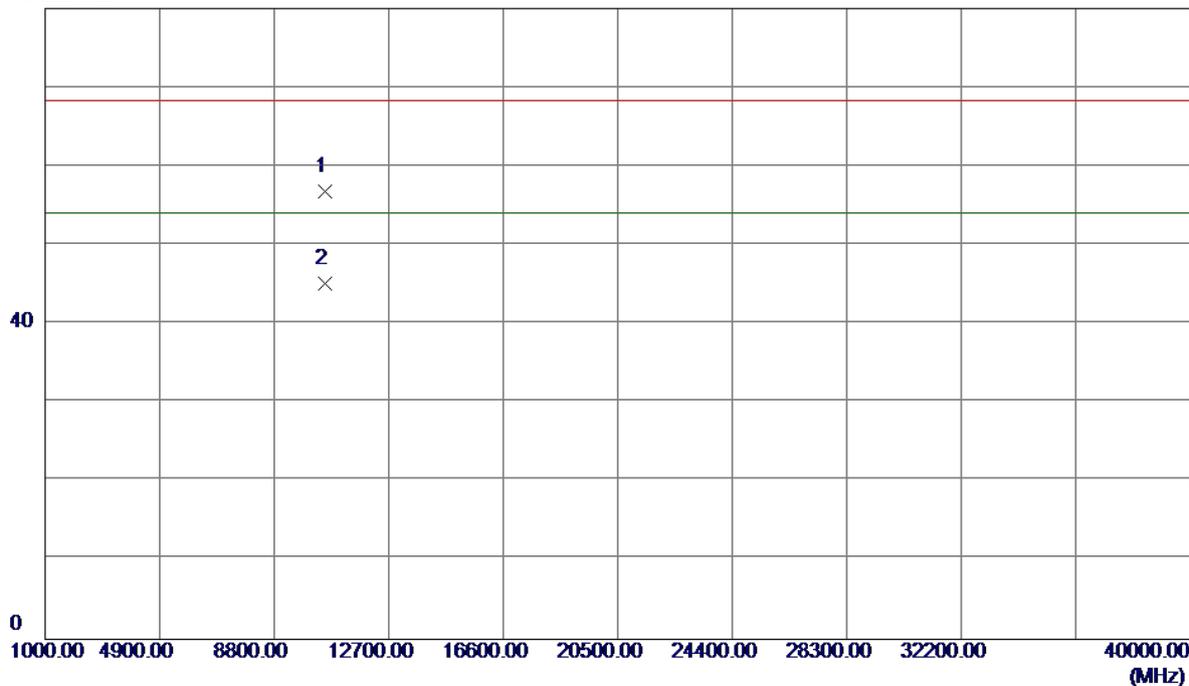


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5258.4000	63.39	40.45	103.84	68.30	35.54	Peak	No Limit
2	5265.6000	54.18	40.46	94.64	54.00	40.64	AVG	No Limit
3	5420.4000	11.06	40.79	51.85	54.00	-2.15	AVG	
4	5420.8000	19.01	40.79	59.80	68.30	-8.50	Peak	

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

### Horizontal

80 dBuV/m

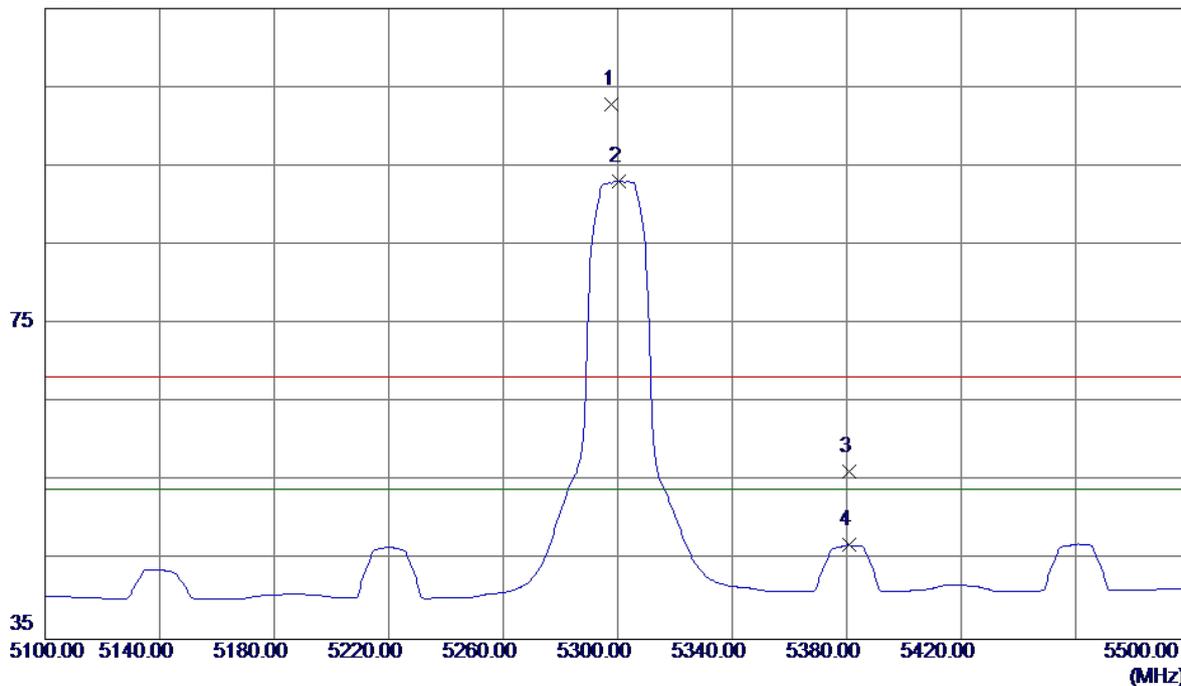


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.1600	43.07	13.75	56.82	68.30	-11.48	Peak	
2	10520.2500	31.41	13.75	45.16	54.00	-8.84	AVG	

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

### Vertical

115 dBuV/m

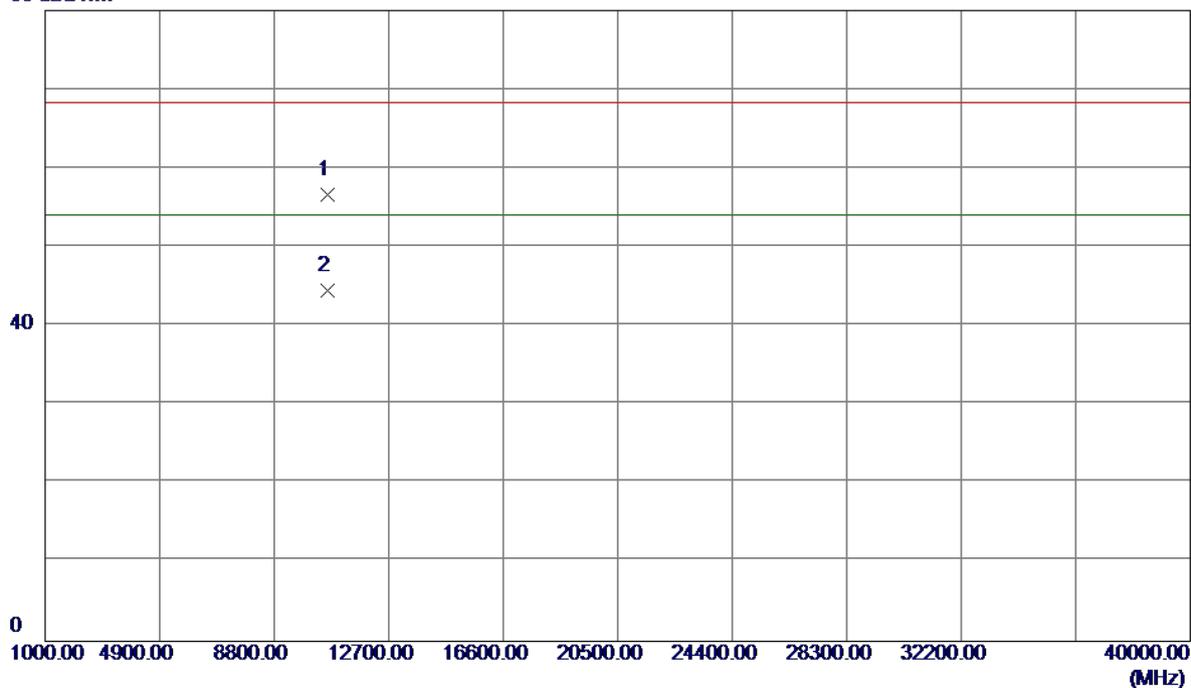


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5298.0000	62.31	40.53	102.84	68.30	34.54	Peak	No Limit
2	5300.4000	52.58	40.54	93.12	54.00	39.12	AVG	No Limit
3	5380.8000	15.64	40.71	56.35	68.30	-11.95	Peak	
4	5380.8000	6.22	40.71	46.93	54.00	-7.07	AVG	

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

### Vertical

80 dBuV/m

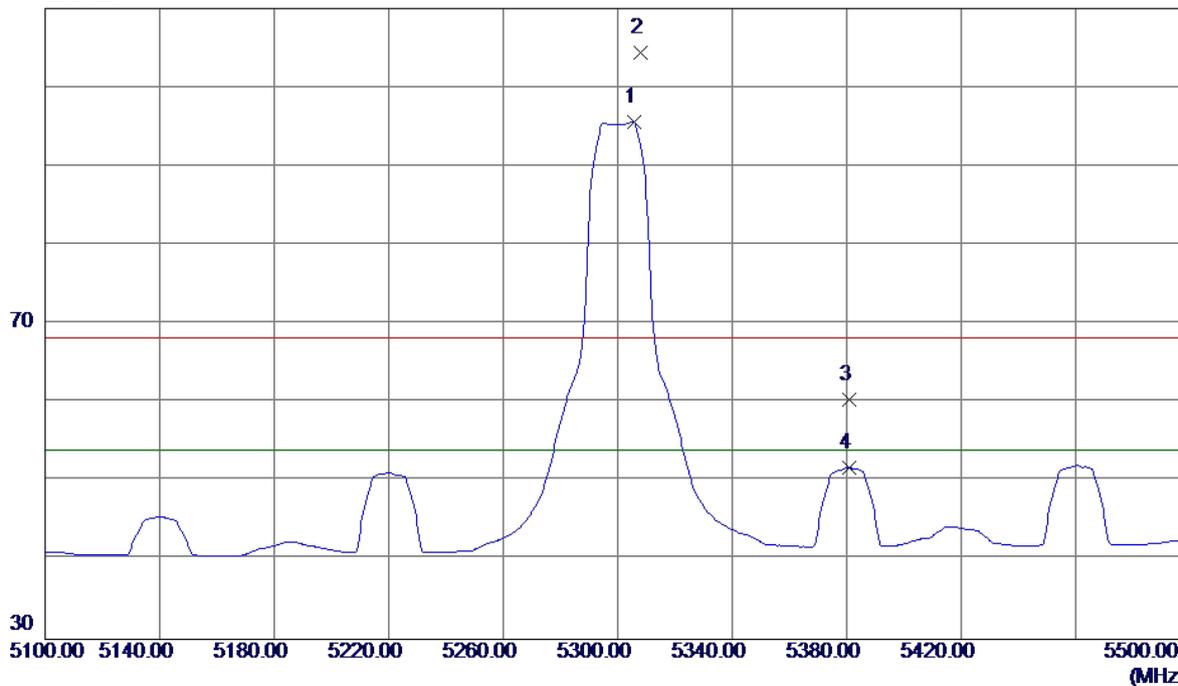


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.5199	42.62	14.08	56.70	68.30	-11.60	Peak	
2	10600.6000	30.47	14.08	44.55	54.00	-9.45	AVG	

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

### Horizontal

110 dBuV/m

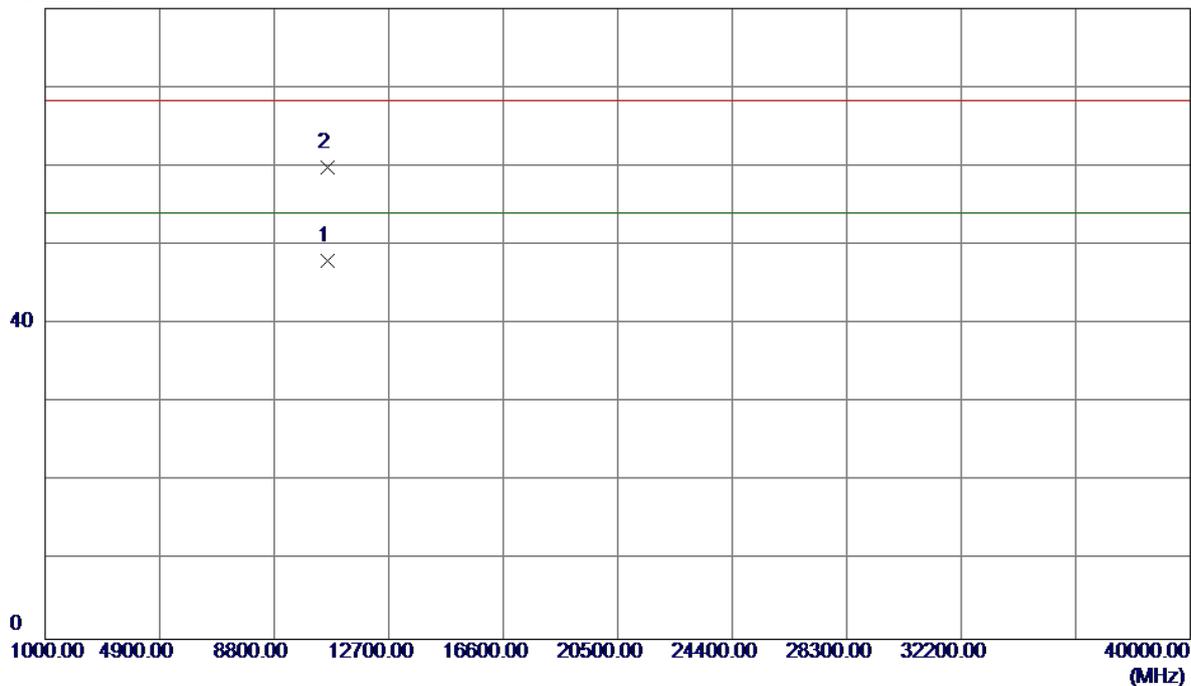


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5305.6000	55.06	40.55	95.61	54.00	41.61	AVG	No Limit
2	5308.0000	63.84	40.55	104.39	68.30	36.09	Peak	No Limit
3	5380.8000	19.63	40.71	60.34	68.30	-7.96	Peak	
4	5380.8000	11.04	40.71	51.75	54.00	-2.25	AVG	

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

### Horizontal

80 dBuV/m

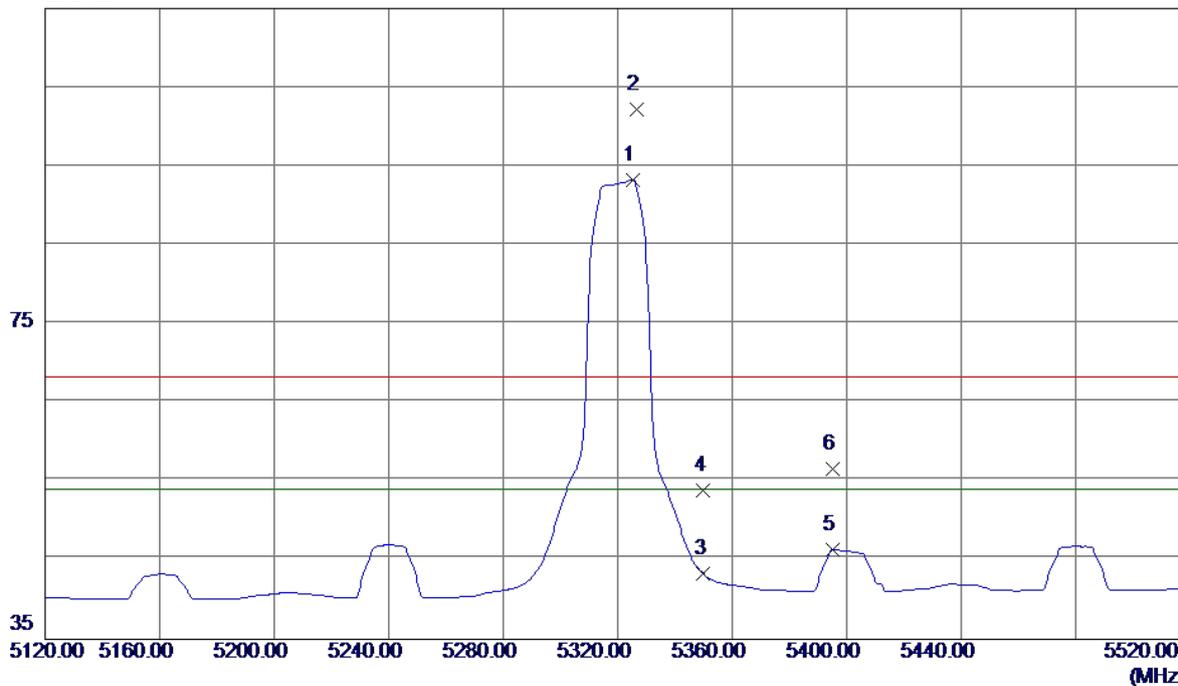


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.1100	33.97	14.08	48.05	54.00	-5.95	AVG	
2	10600.2600	45.74	14.08	59.82	68.30	-8.48	Peak	

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

### Vertical

115 dBuV/m

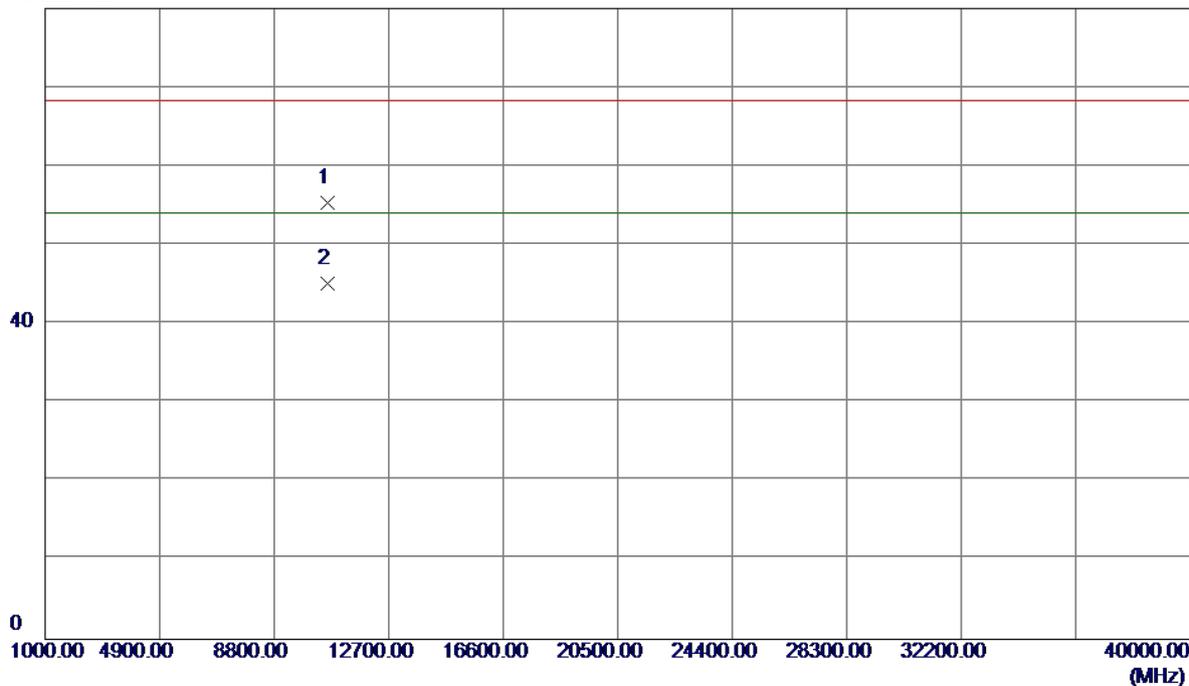


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5325.2000	52.65	40.59	93.24	54.00	39.24	AVG	No Limit
2	5326.8000	61.58	40.59	102.17	68.30	33.87	Peak	No Limit
3	5350.0000	2.64	40.64	43.28	54.00	-10.72	AVG	
4	5350.0000	13.23	40.64	53.87	68.30	-14.43	Peak	
5	5395.2000	5.63	40.74	46.37	54.00	-7.63	AVG	
6	5395.2000	15.79	40.74	56.53	68.30	-11.77	Peak	

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

### Vertical

80 dBuV/m

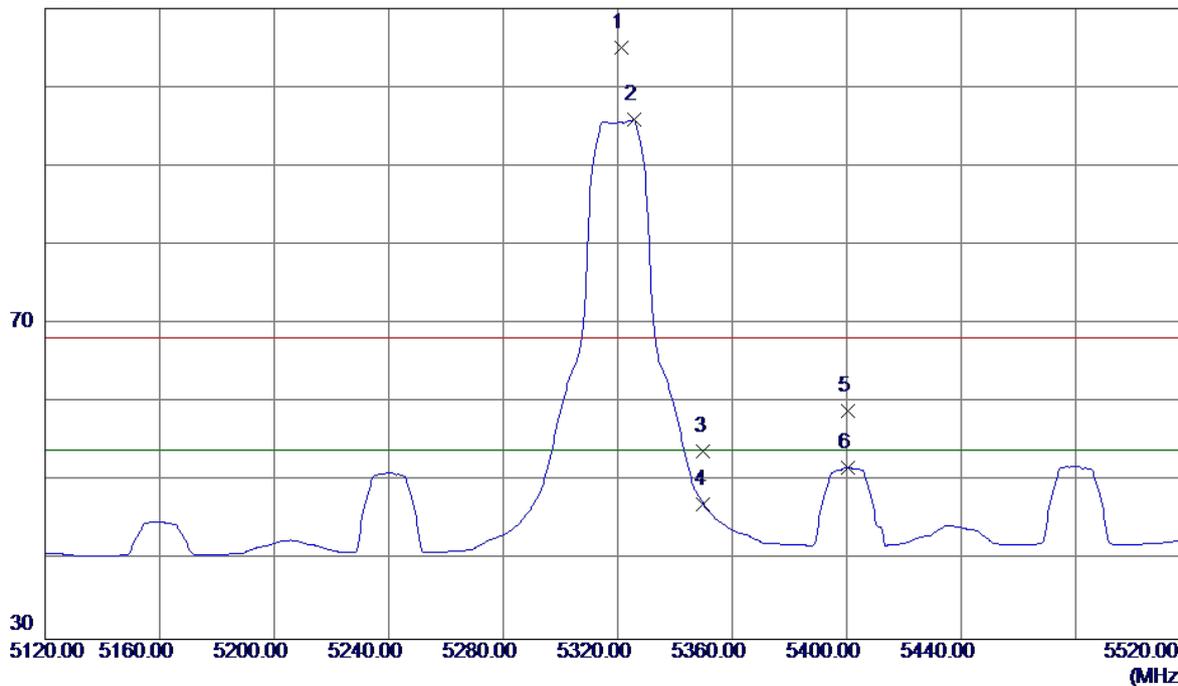


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.3500	41.08	14.25	55.33	68.30	-12.97	Peak	
2	10640.3500	30.84	14.25	45.09	54.00	-8.91	AVG	

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

### Horizontal

110 dBuV/m

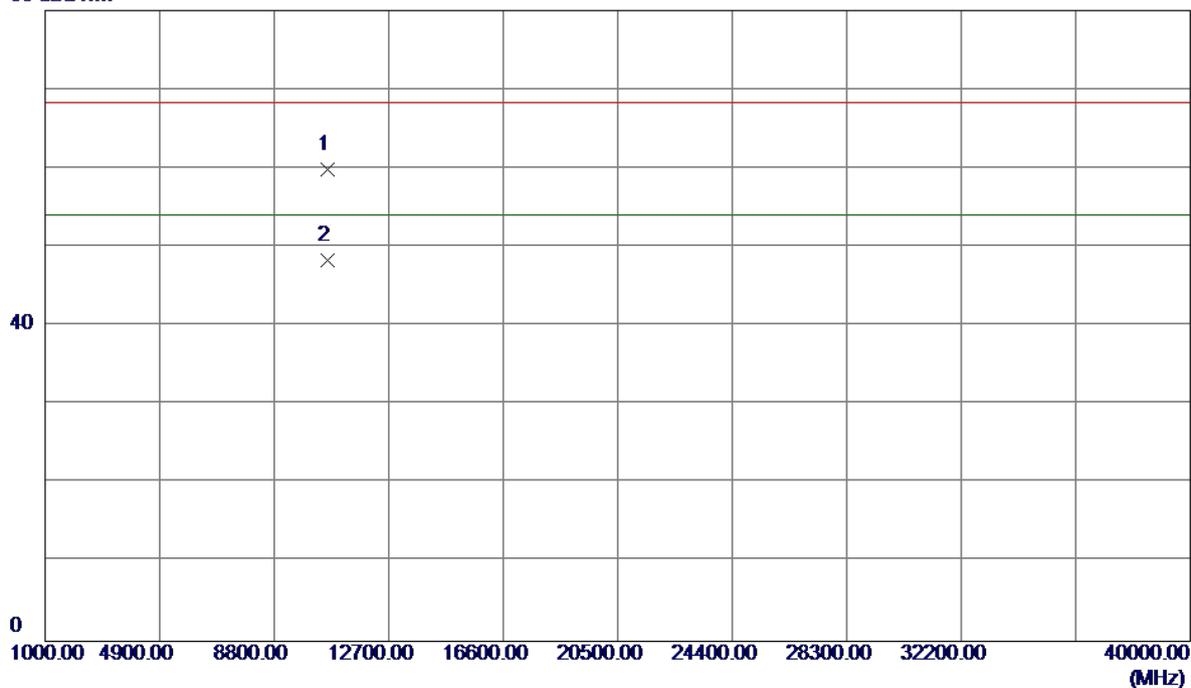


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5321.2000	64.48	40.58	105.06	68.30	36.76	Peak	No Limit
2	5325.6000	55.28	40.59	95.87	54.00	41.87	AVG	No Limit
3	5350.0000	13.15	40.64	53.79	68.30	-14.51	Peak	
4	5350.0000	6.50	40.64	47.14	54.00	-6.86	AVG	
5	5400.4000	18.27	40.75	59.02	68.30	-9.28	Peak	
6	5400.4000	11.01	40.75	51.76	54.00	-2.24	AVG	

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

### Horizontal

80 dBuV/m

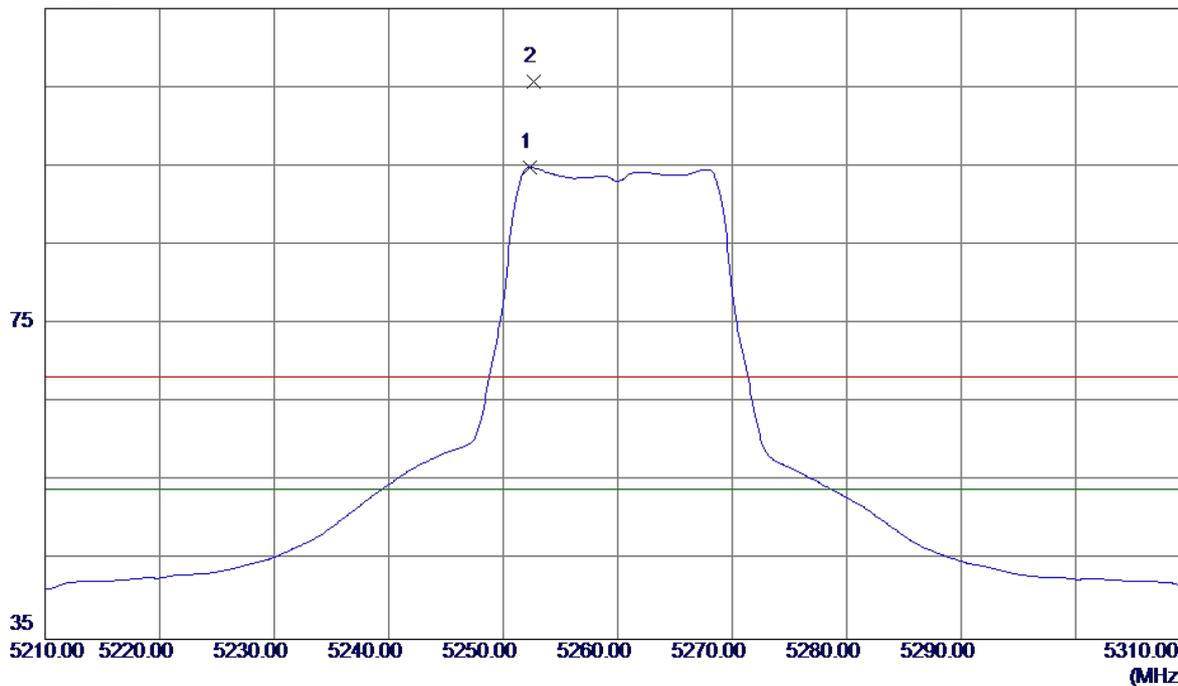


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.2500	45.66	14.25	59.91	68.30	-8.39	Peak	
2	10640.3800	34.10	14.25	48.35	54.00	-5.65	AVG	

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

### Vertical

115 dBuV/m

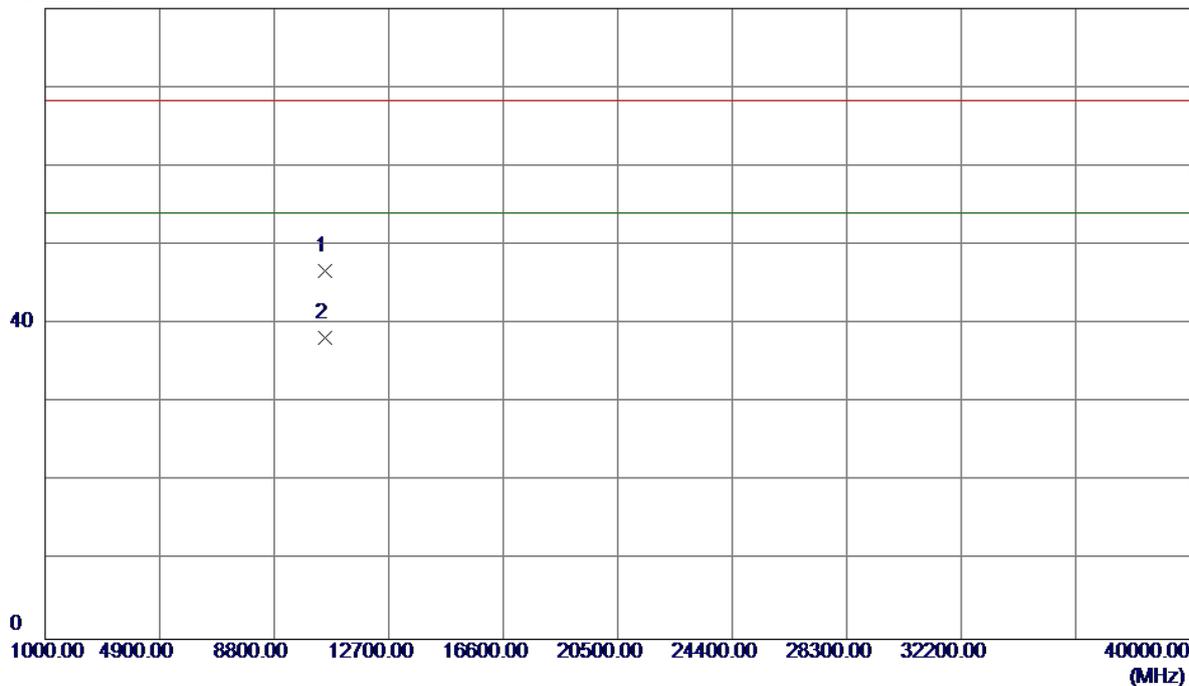


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5252.3000	54.42	40.43	94.85	54.00	40.85	AVG	No Limit
2	5252.7000	65.27	40.44	105.71	68.30	37.41	Peak	No Limit

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

### Vertical

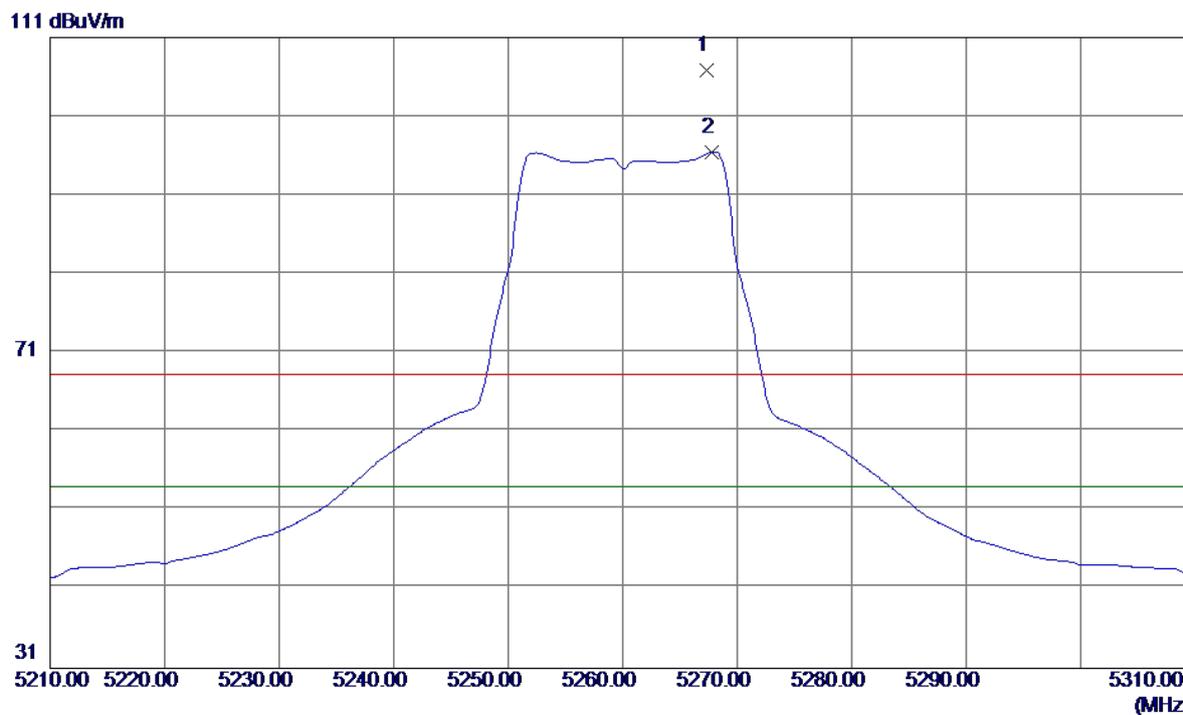
80 dBuV/m



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

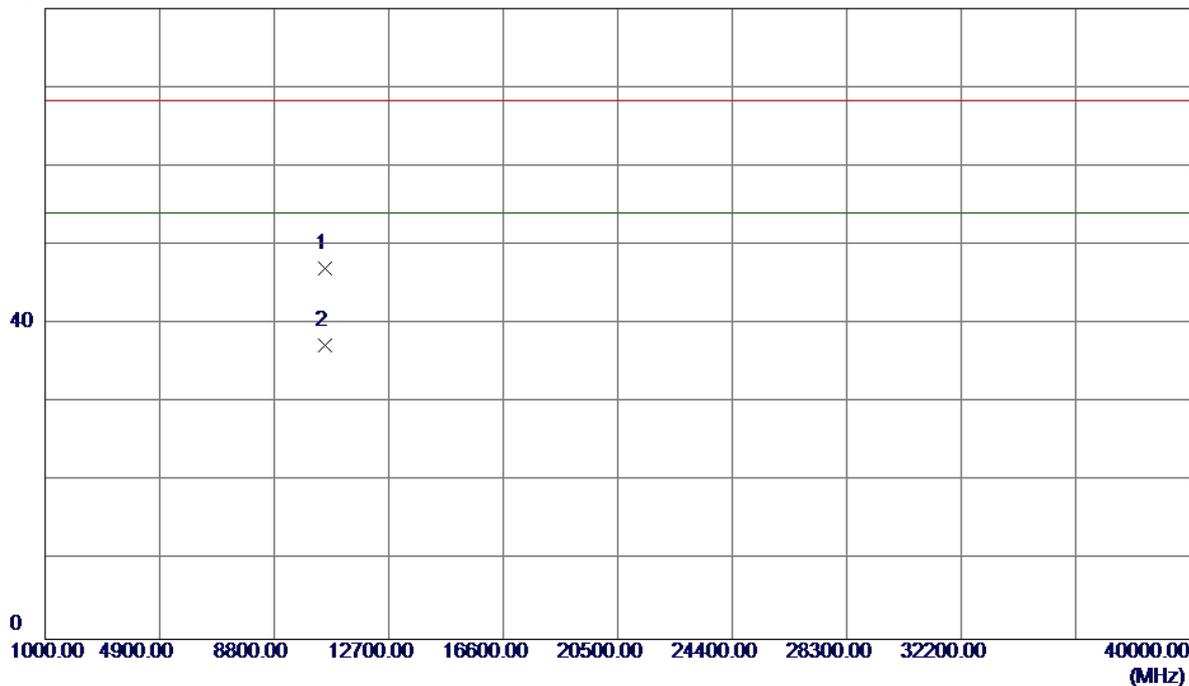


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5267.3000	66.37	40.47	106.84	68.30	38.54	Peak	No Limit
2	5267.8000	56.03	40.47	96.50	54.00	42.50	AVG	No Limit

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

### Horizontal

80 dBuV/m

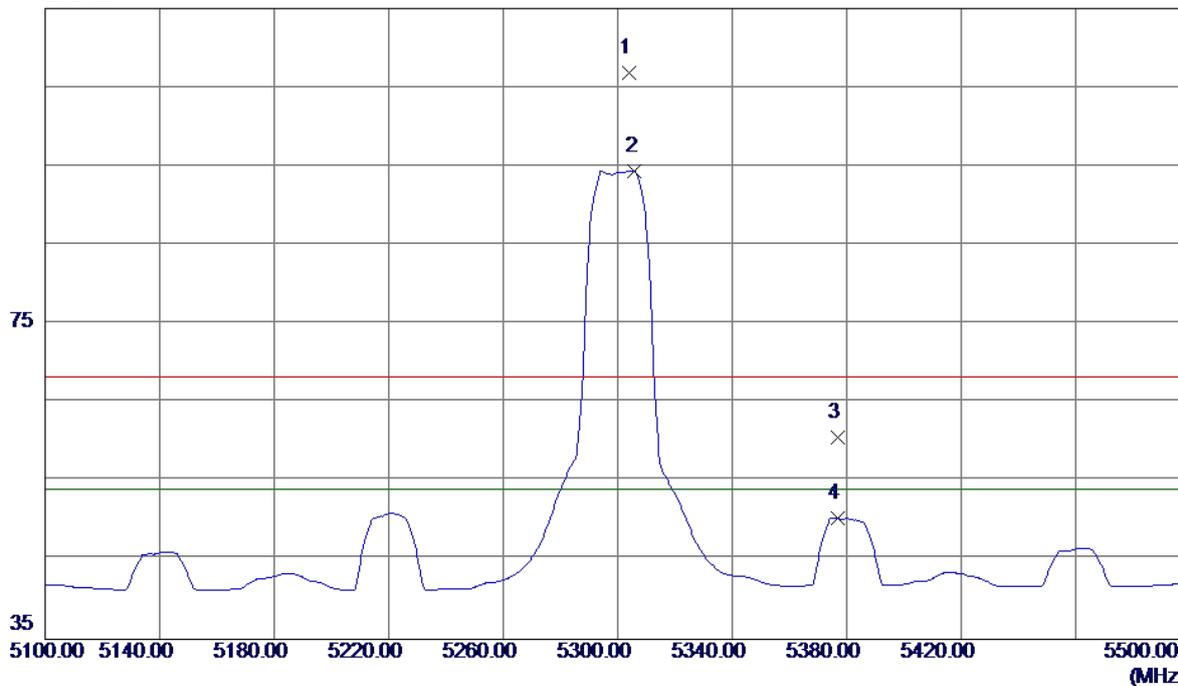


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10520.0900	33.22	13.75	46.97	68.30	-21.33	Peak	
2	10520.0900	23.51	13.75	37.26	54.00	-16.74	AVG	

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

### Vertical

115 dBuV/m

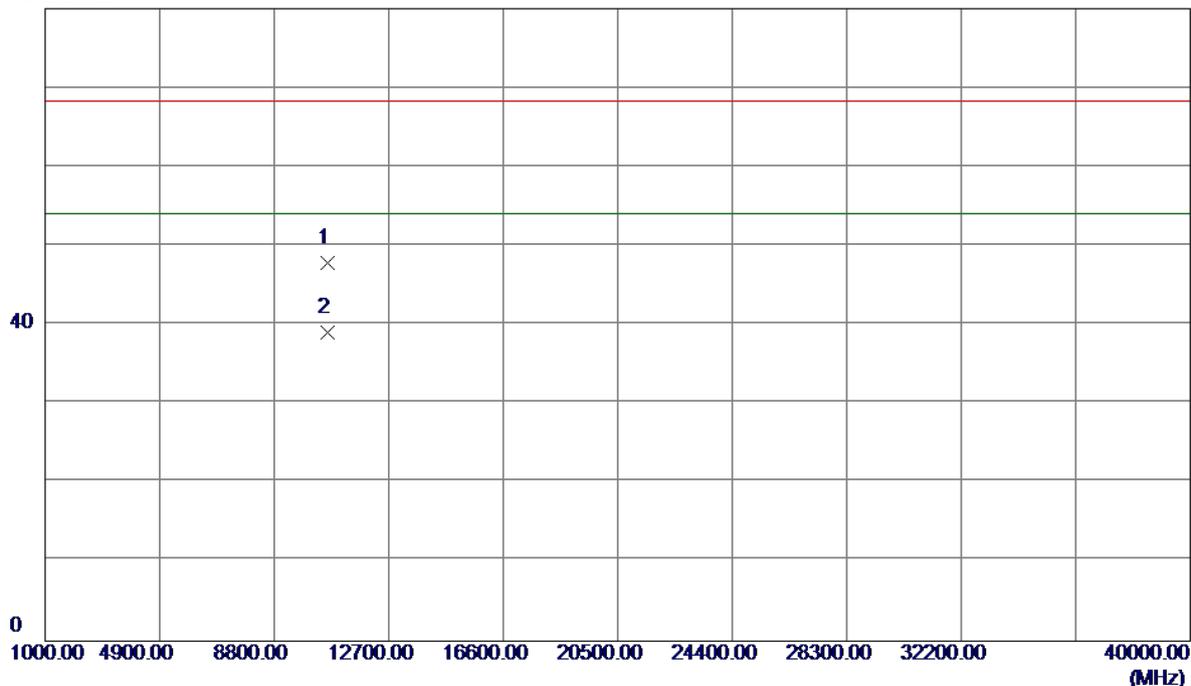


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5304.0000	66.24	40.54	106.78	68.30	38.48	Peak	No Limit
2	5306.0000	53.84	40.55	94.39	54.00	40.39	AVG	No Limit
3	5376.8000	19.95	40.70	60.65	68.30	-7.65	Peak	
4	5376.8000	9.63	40.70	50.33	54.00	-3.67	AVG	

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

### Vertical

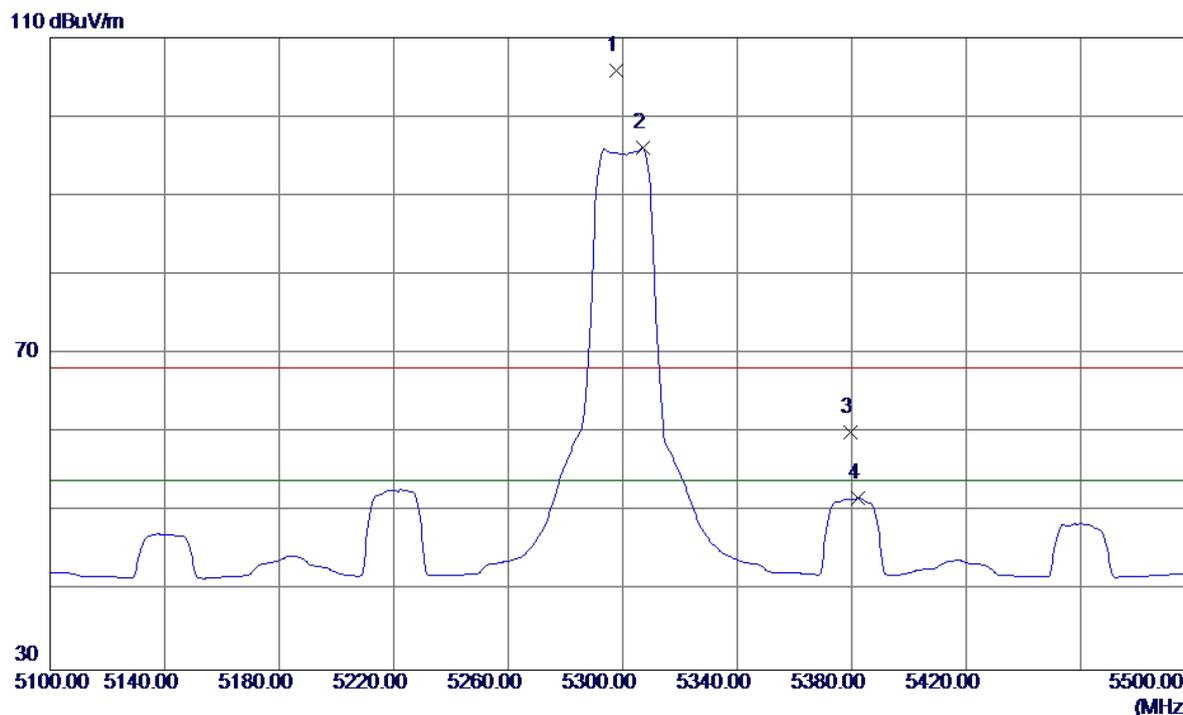
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.2300	33.82	14.08	47.90	68.30	-20.40	Peak	
2	10600.2300	24.95	14.08	39.03	54.00	-14.97	AVG	

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

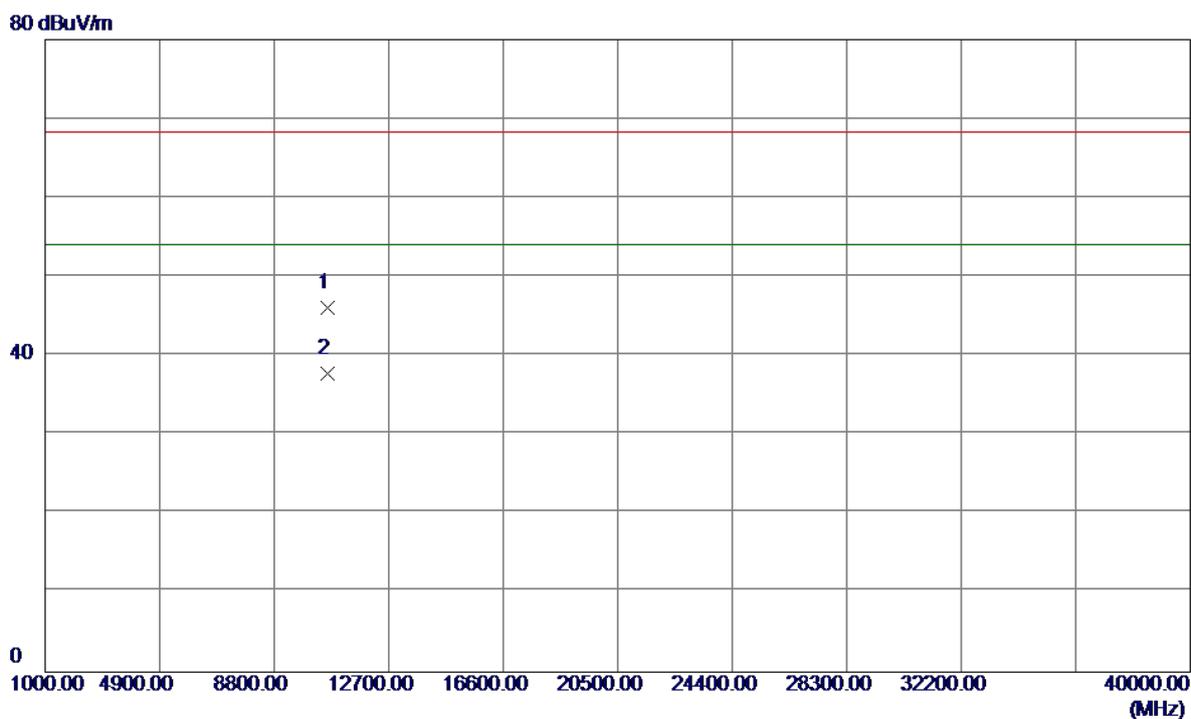
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5297.6000	65.32	40.53	105.85	68.30	37.55	Peak	No Limit
2	5307.2000	55.51	40.55	96.06	54.00	42.06	AVG	No Limit
3	5379.6000	19.32	40.70	60.02	68.30	-8.28	Peak	
4	5382.4000	11.05	40.71	51.76	54.00	-2.24	AVG	

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

### Horizontal

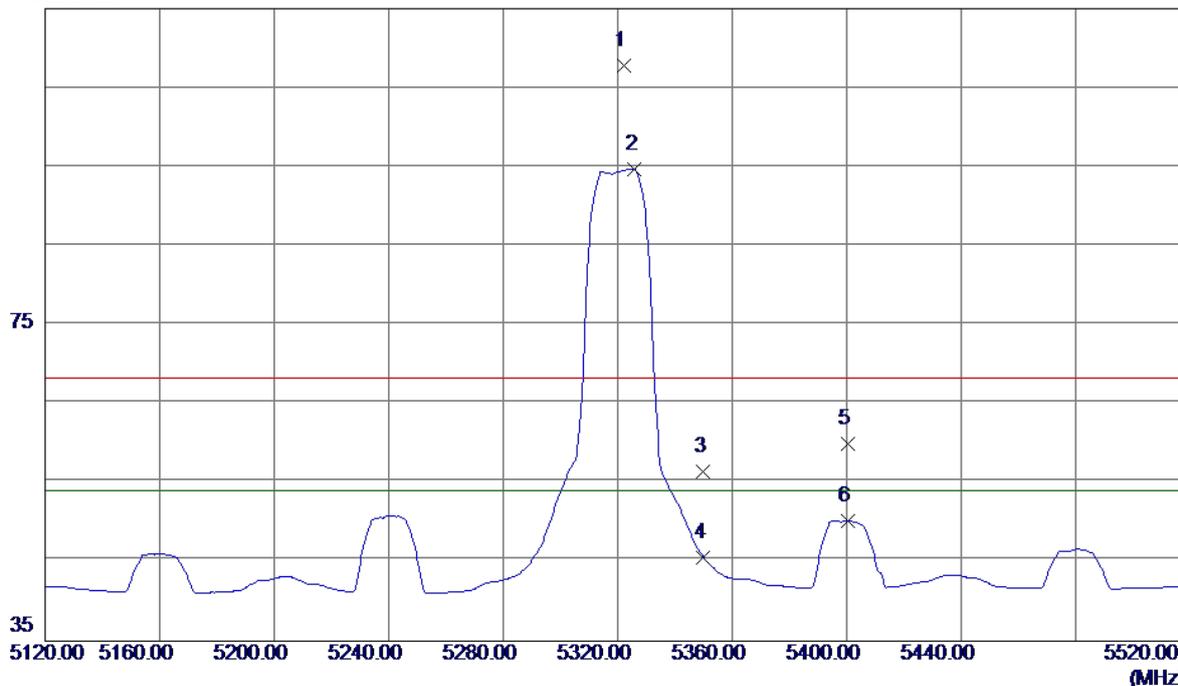


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.3339	32.02	14.08	46.10	68.30	-22.20	Peak	
2	10600.5700	23.73	14.08	37.81	54.00	-16.19	AVG	

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

### Vertical

115 dBuV/m

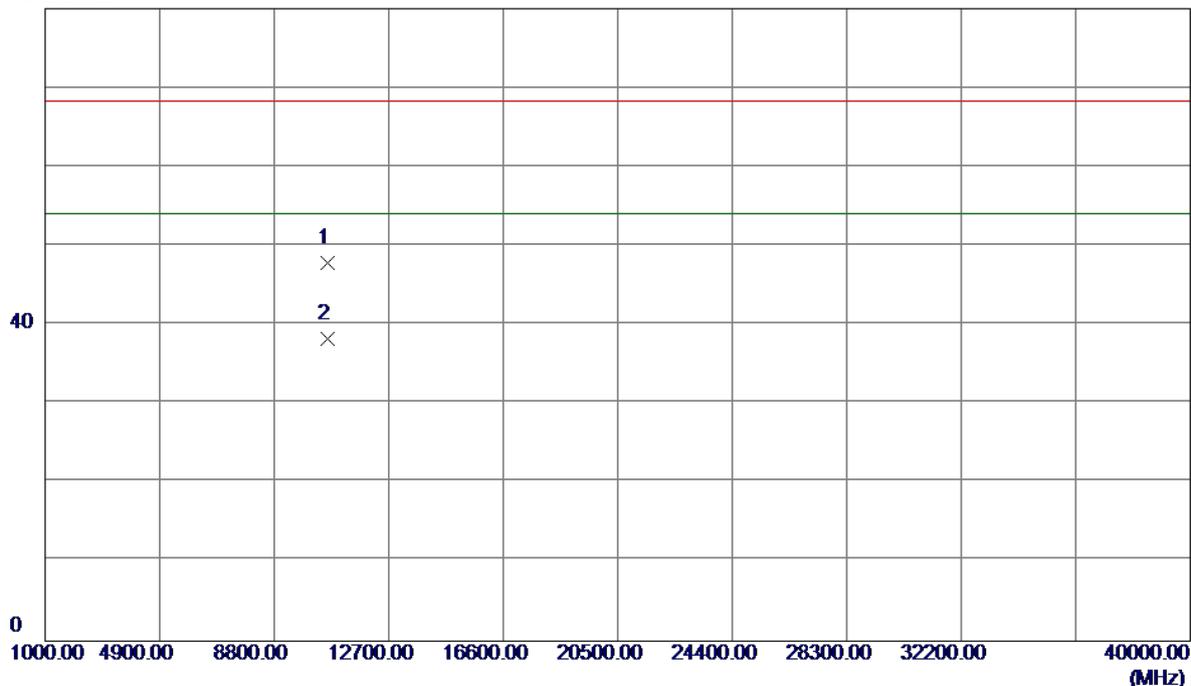


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5322.4000	67.29	40.58	107.87	68.30	39.57	Peak	No Limit
2	5326.0000	54.13	40.59	94.72	54.00	40.72	AVG	No Limit
3	5350.0000	15.86	40.64	56.50	68.30	-11.80	Peak	
4	5350.0000	4.99	40.64	45.63	54.00	-8.37	AVG	
5	5400.4000	19.27	40.75	60.02	68.30	-8.28	Peak	
6	5400.4000	9.51	40.75	50.26	54.00	-3.74	AVG	

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

### Vertical

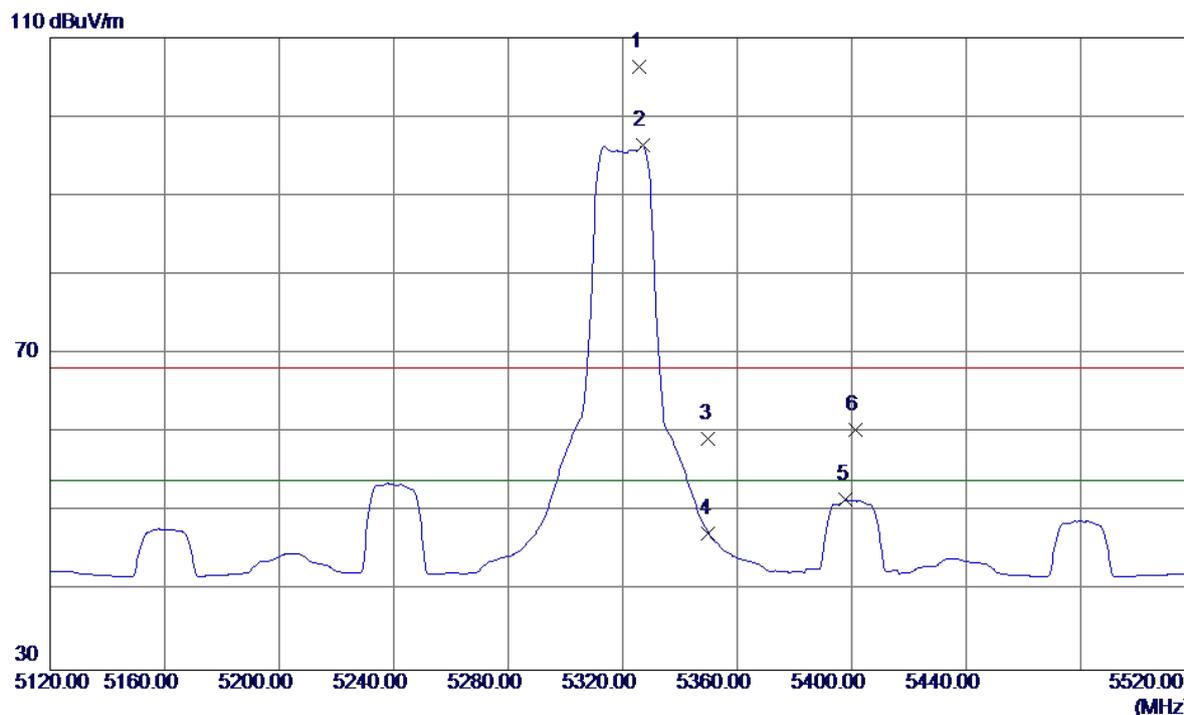
80 dBuV/m



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

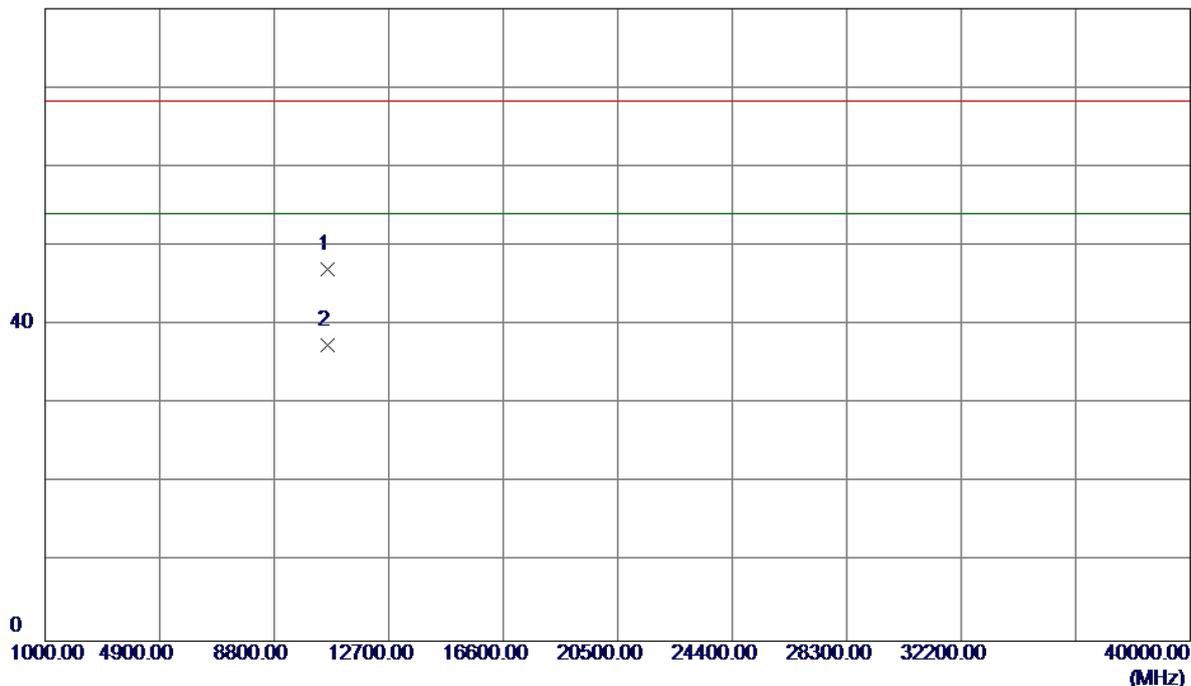


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5326.0000	65.80	40.59	106.39	68.30	38.09	Peak	No Limit
2	5327.2000	55.75	40.59	96.34	54.00	42.34	AVG	No Limit
3	5350.0000	18.61	40.64	59.25	68.30	-9.05	Peak	
4	5350.0000	6.71	40.64	47.35	54.00	-6.65	AVG	
5	5398.0000	10.80	40.74	51.54	54.00	-2.46	AVG	
6	5401.2000	19.71	40.75	60.46	68.30	-7.84	Peak	

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

### Horizontal

80 dBuV/m

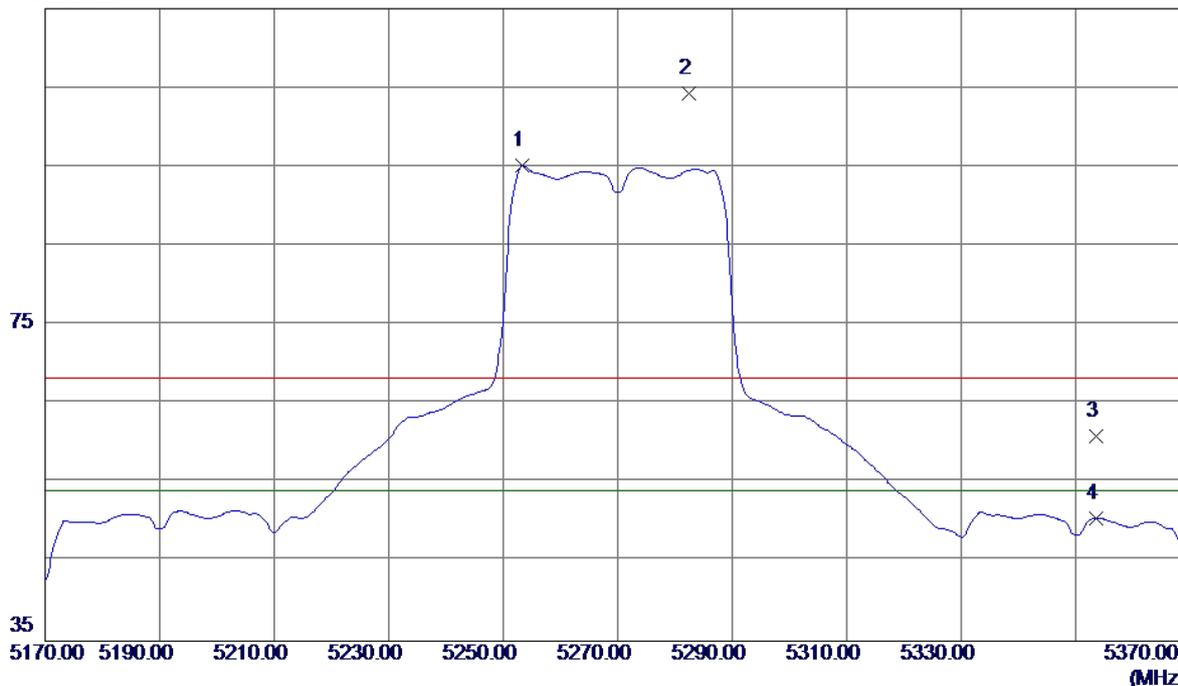


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.5800	32.80	14.25	47.05	68.30	-21.25	Peak	
2	10640.5800	23.21	14.25	37.46	54.00	-16.54	AVG	

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

### Vertical

115 dBuV/m

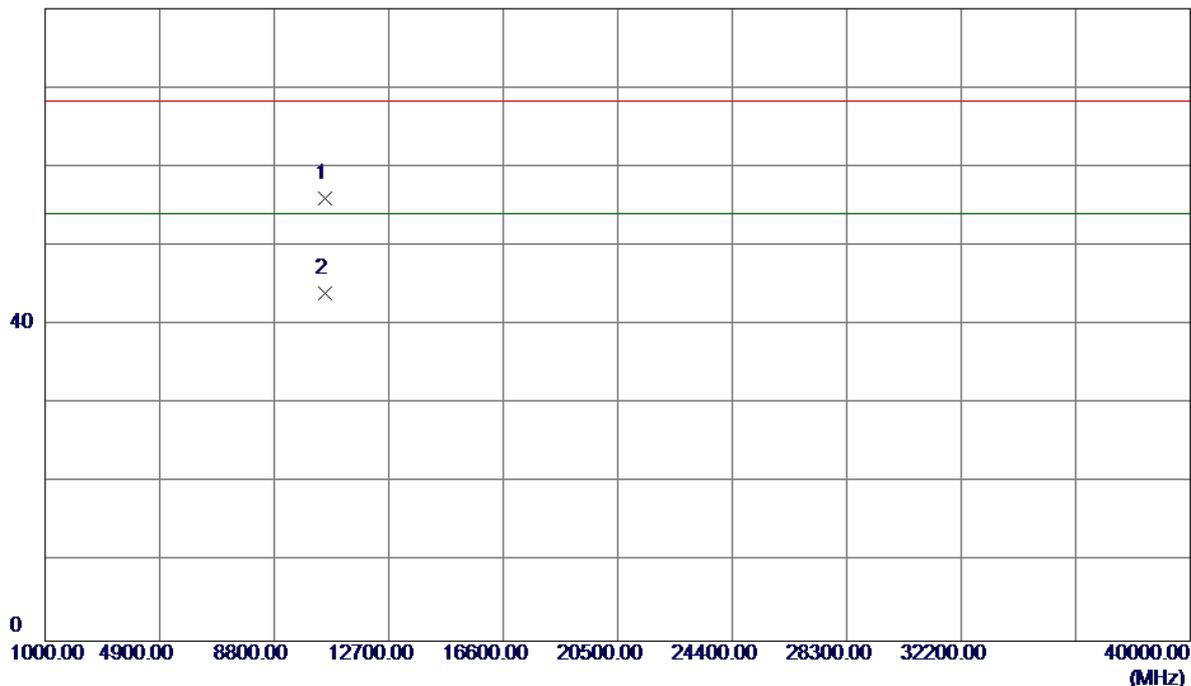


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5253.4000	54.76	40.44	95.20	54.00	41.20	AVG	No Limit
2	5282.4000	63.80	40.50	104.30	68.30	36.00	Peak	No Limit
3	5353.6000	20.31	40.65	60.96	68.30	-7.34	Peak	
4	5353.6000	9.94	40.65	50.59	54.00	-3.41	AVG	

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

### Vertical

80 dBuV/m

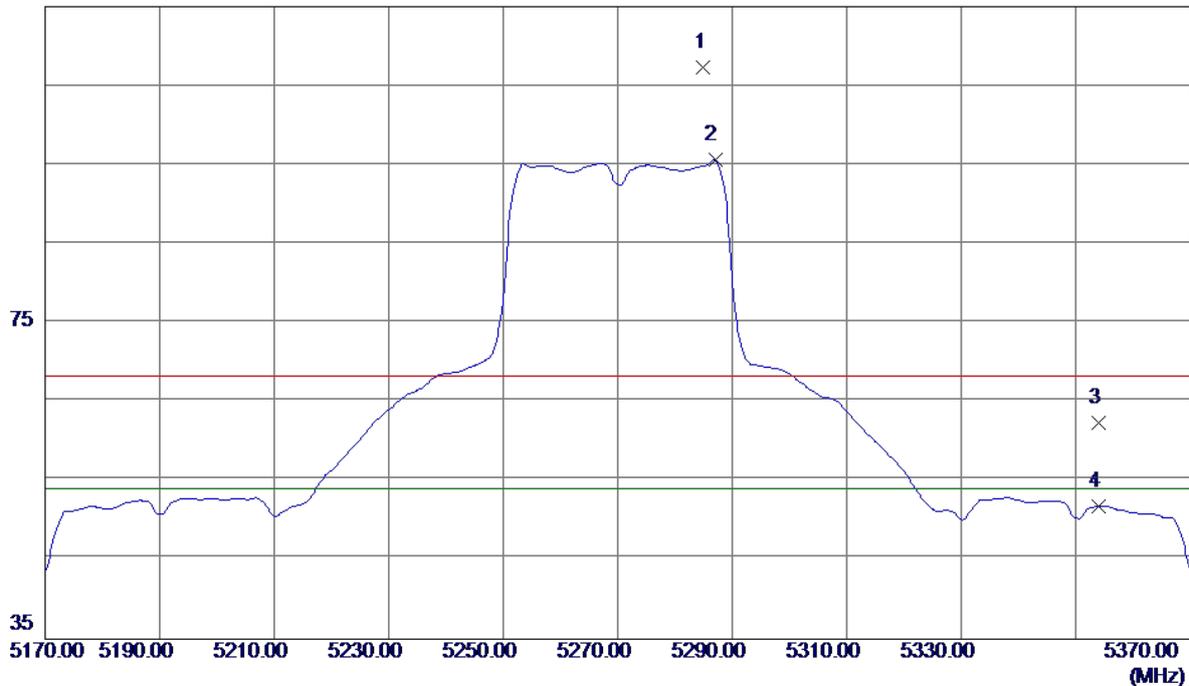


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10541.0300	42.23	13.84	56.07	68.30	-12.23	Peak	
2	10541.0300	30.15	13.84	43.99	54.00	-10.01	AVG	

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

### Horizontal

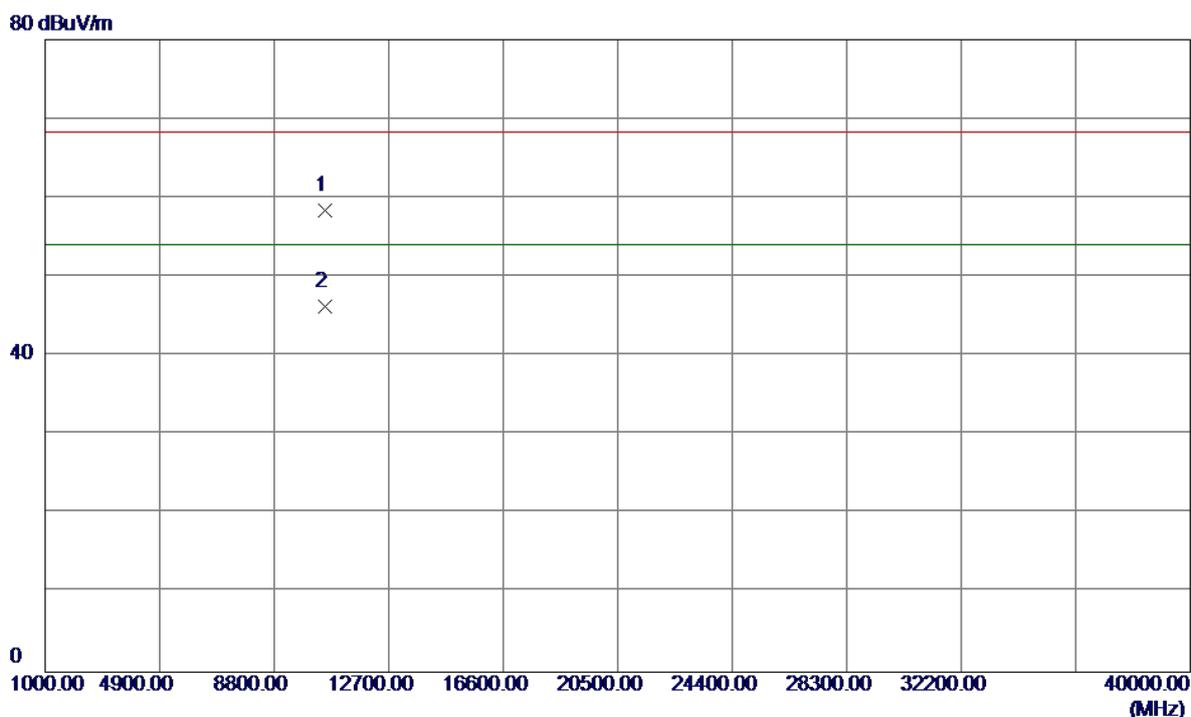
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5285.0000	66.79	40.50	107.29	68.30	38.99	Peak	No Limit
2	5287.0000	55.13	40.51	95.64	54.00	41.64	AVG	No Limit
3	5354.0000	21.74	40.65	62.39	68.30	-5.91	Peak	
4	5354.0000	11.17	40.65	51.82	54.00	-2.18	AVG	

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

### Horizontal

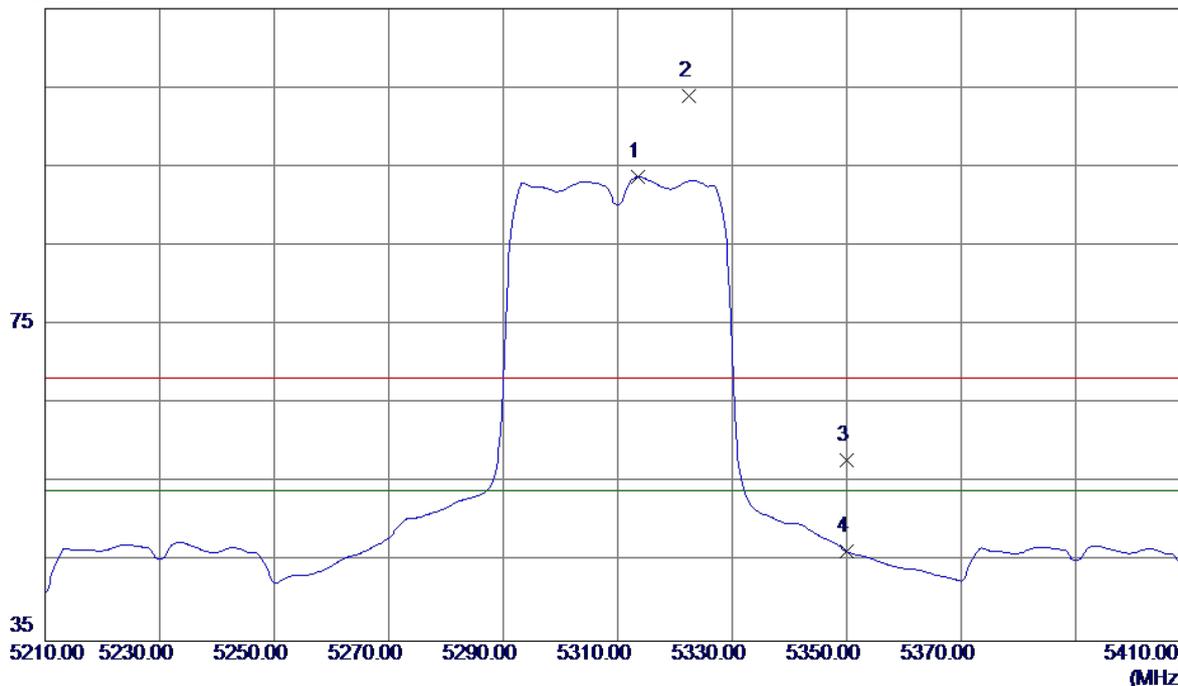


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10540.4600	44.63	13.83	58.46	68.30	-9.84	Peak	
2	10540.5230	32.36	13.83	46.19	54.00	-7.81	AVG	

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

### Vertical

115 dBuV/m

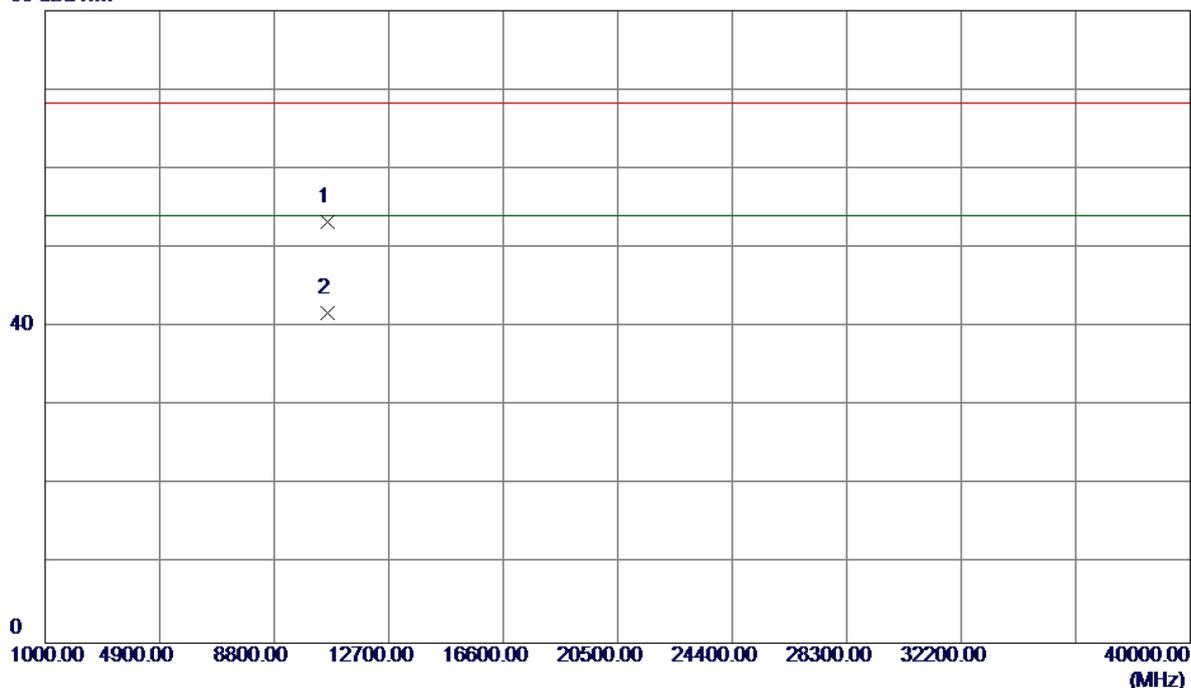


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.6000	53.15	40.56	93.71	54.00	39.71	AVG	No Limit
2	5322.4000	63.35	40.58	103.93	68.30	35.63	Peak	No Limit
3	5350.0000	17.30	40.64	57.94	68.30	-10.36	Peak	
4	5350.0000	5.67	40.64	46.31	54.00	-7.69	AVG	

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

### Vertical

80 dBuV/m

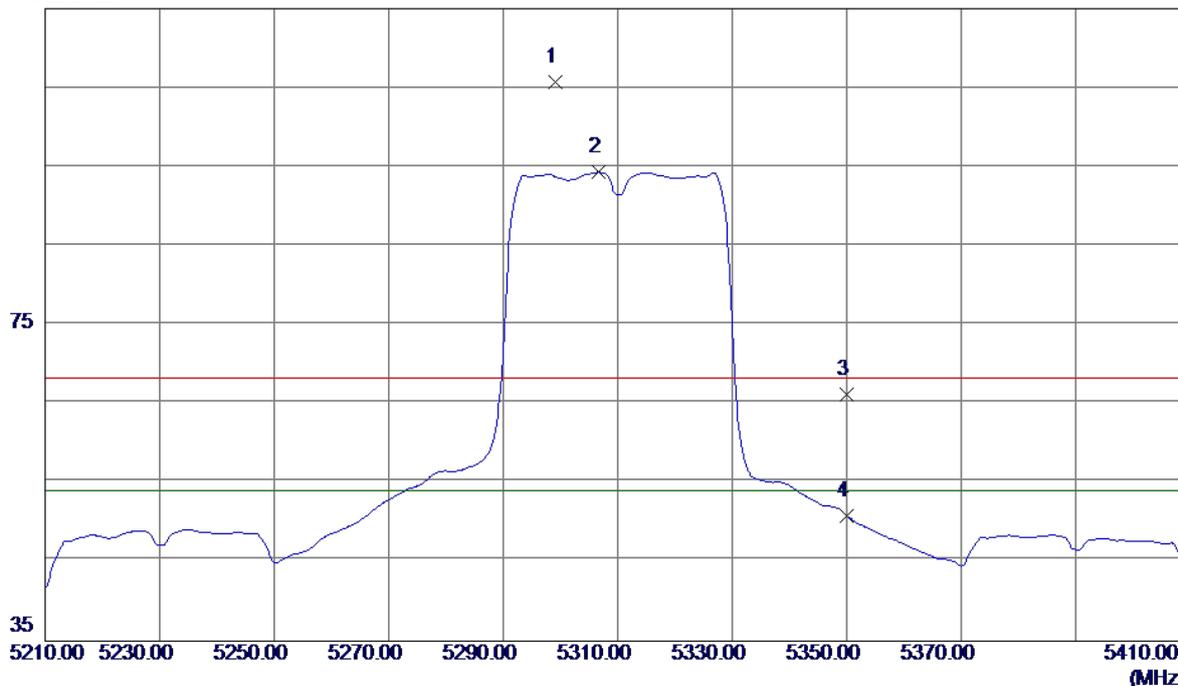


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10620.0000	39.13	14.17	53.30	68.30	-15.00	Peak	
2	10620.3200	27.63	14.17	41.80	54.00	-12.20	AVG	

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

### Horizontal

115 dBuV/m

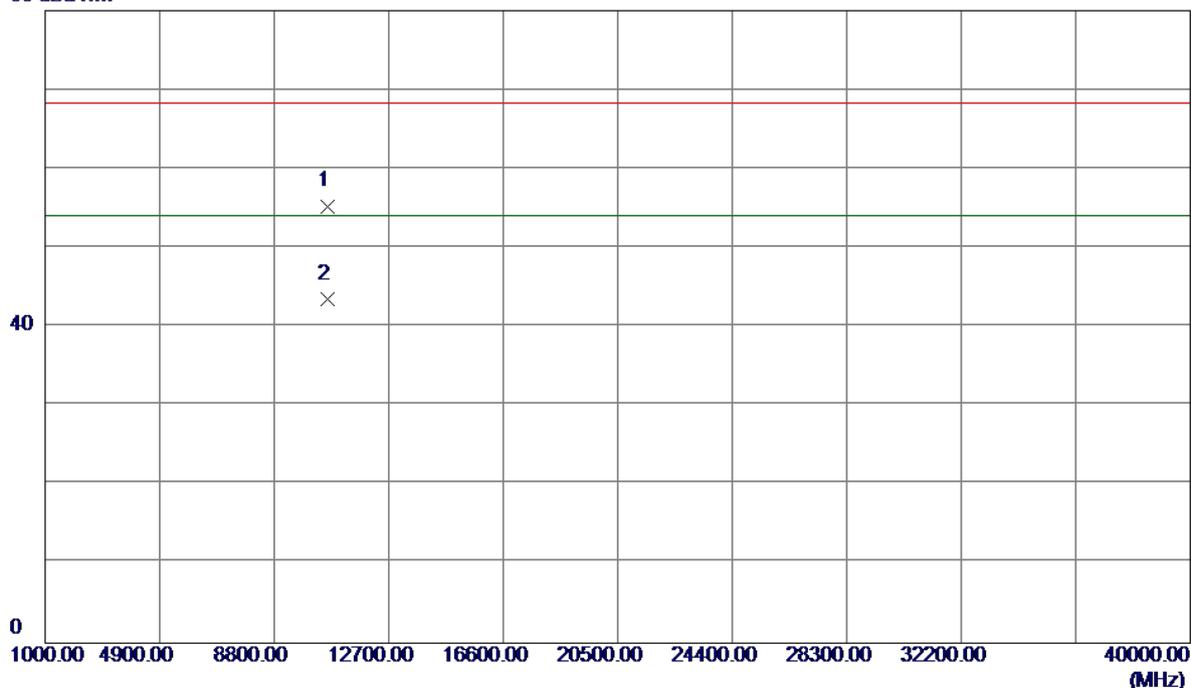


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5299.2000	65.21	40.53	105.74	68.30	37.44	Peak	No Limit
2	5306.6000	53.75	40.55	94.30	54.00	40.30	AVG	No Limit
3	5350.0000	25.53	40.64	66.17	68.30	-2.13	Peak	
4	5350.0000	10.23	40.64	50.87	54.00	-3.13	AVG	

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

### Horizontal

80 dBuV/m

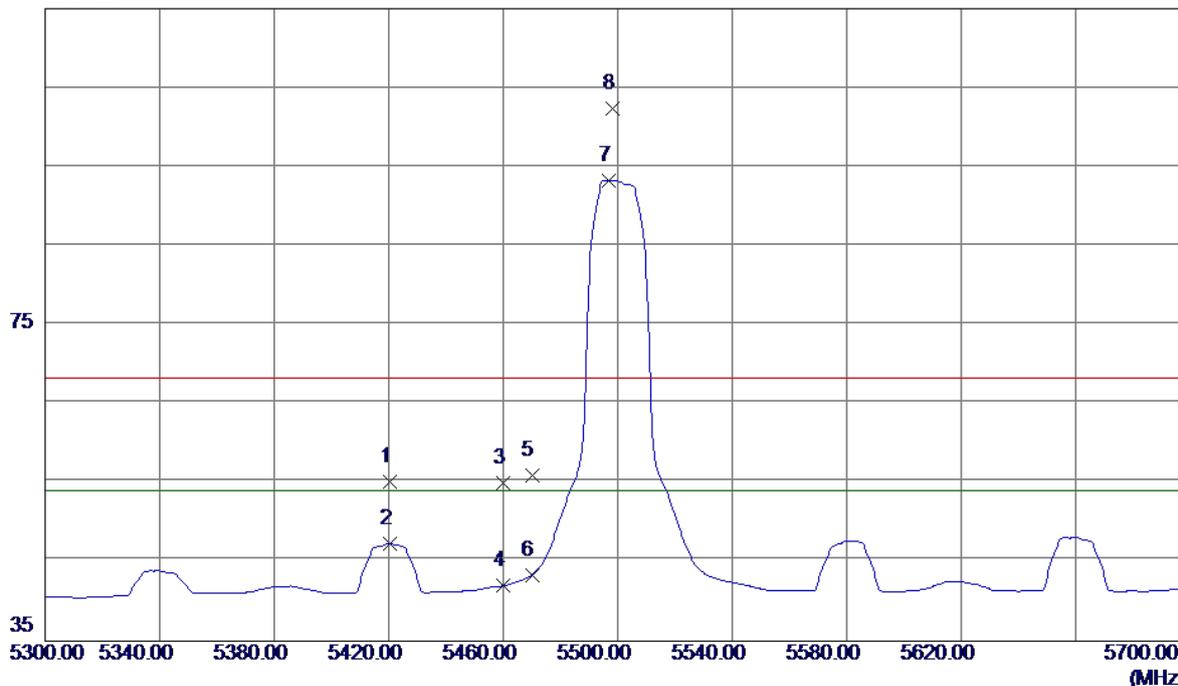


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10621.3240	41.11	14.17	55.28	68.30	-13.02	Peak	
2	10621.5430	29.32	14.17	43.49	54.00	-10.51	AVG	

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

### Vertical

115 dBuV/m

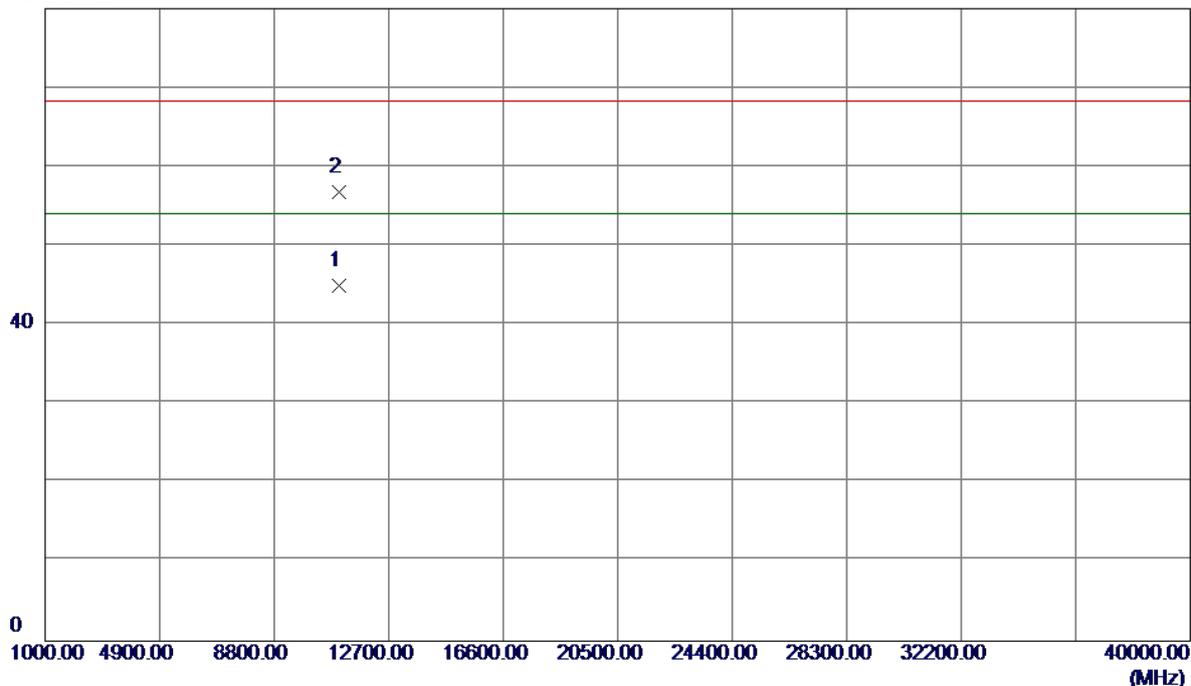


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5420.4000	14.32	40.79	55.11	68.30	-13.19	Peak	
2	5420.4000	6.51	40.79	47.30	54.00	-6.70	AVG	
3	5460.0000	14.16	40.88	55.04	68.30	-13.26	Peak	
4	5460.0000	1.11	40.88	41.99	54.00	-12.01	AVG	
5	5470.0000	15.03	40.90	55.93	68.30	-12.37	Peak	
6	5470.0000	2.49	40.90	43.39	54.00	-10.61	AVG	
7	5496.8000	52.34	40.95	93.29	54.00	39.29	AVG	No Limit
8	5498.4000	61.37	40.96	102.33	68.30	34.03	Peak	No Limit

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

### Vertical

80 dBuV/m

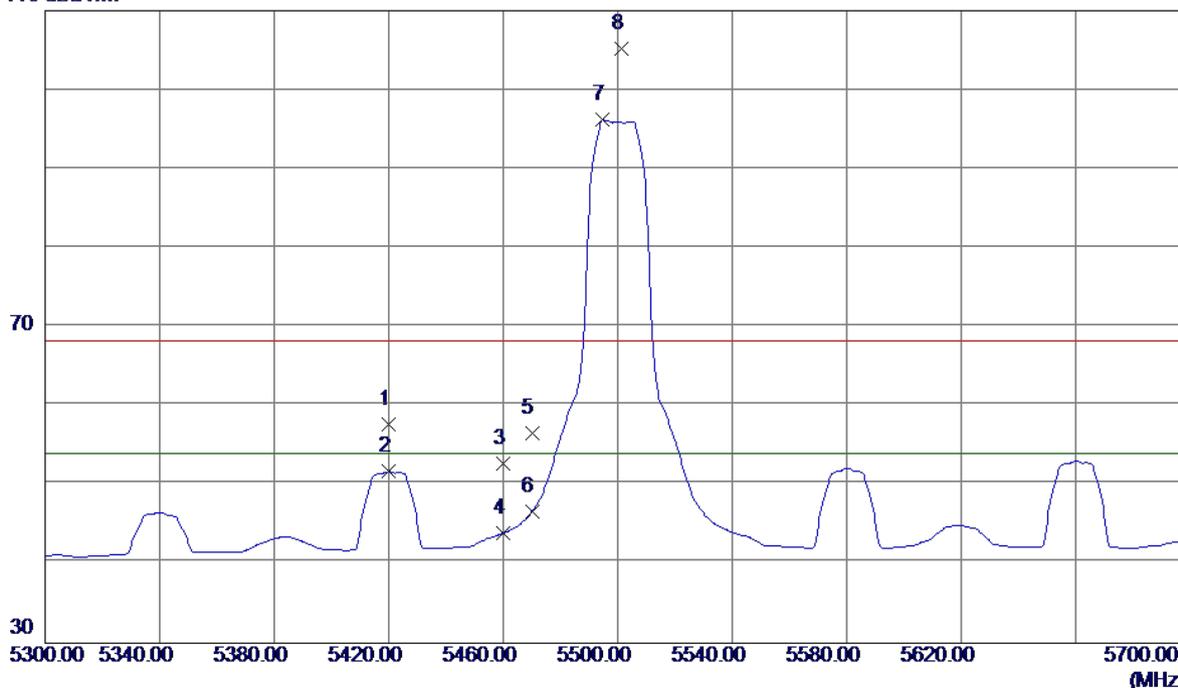


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.1340	29.27	15.75	45.02	54.00	-8.98	AVG	
2	11000.2240	41.12	15.75	56.87	68.30	-11.43	Peak	

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

### Horizontal

110 dBuV/m

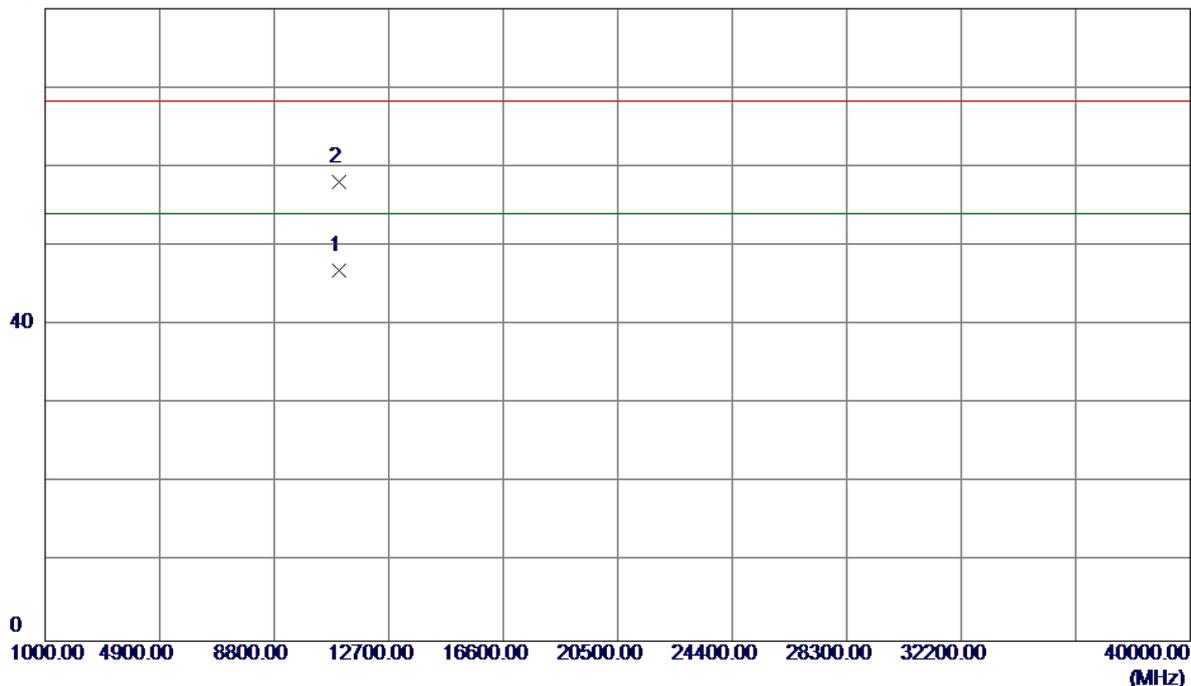


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5420.0000	16.91	40.79	57.70	68.30	-10.60	Peak	
2	5420.0000	10.90	40.79	51.69	54.00	-2.31	AVG	
3	5460.0000	11.89	40.88	52.77	68.30	-15.53	Peak	
4	5460.0000	3.05	40.88	43.93	54.00	-10.07	AVG	
5	5470.0000	15.64	40.90	56.54	68.30	-11.76	Peak	
6	5470.0000	5.69	40.90	46.59	54.00	-7.41	AVG	
7	5494.8000	55.24	40.95	96.19	54.00	42.19	AVG	No Limit
8	5501.2000	64.20	40.96	105.16	68.30	36.86	Peak	No Limit

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

### Horizontal

80 dBuV/m

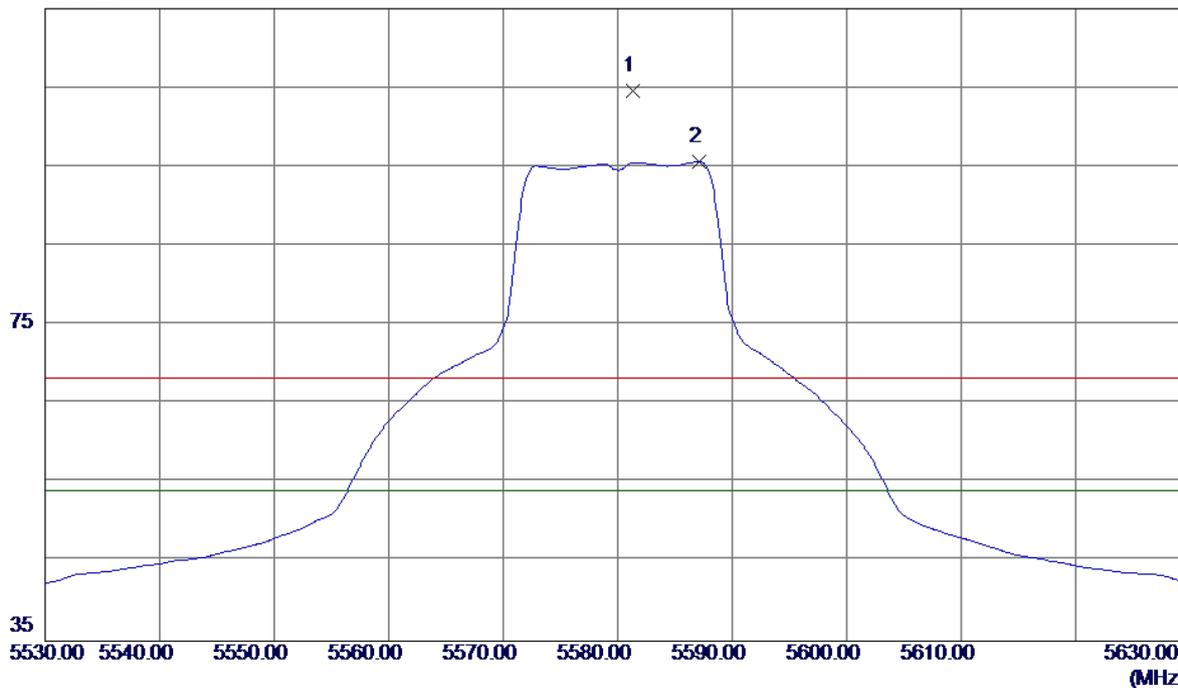


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.3840	31.11	15.75	46.86	54.00	-7.14	AVG	
2	11000.5510	42.35	15.75	58.10	68.30	-10.20	Peak	

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

### Vertical

115 dBuV/m

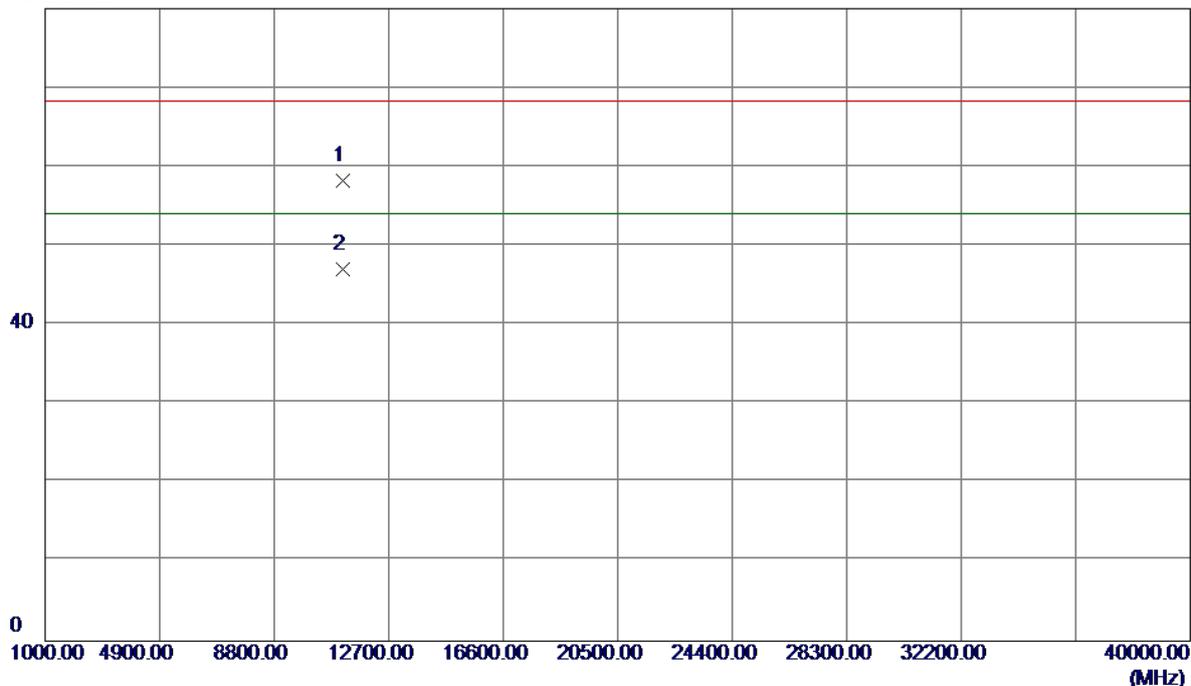


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5581.3000	63.49	41.07	104.56	68.30	36.26	Peak	No Limit
2	5587.1000	54.53	41.08	95.61	54.00	41.61	AVG	No Limit

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

### Vertical

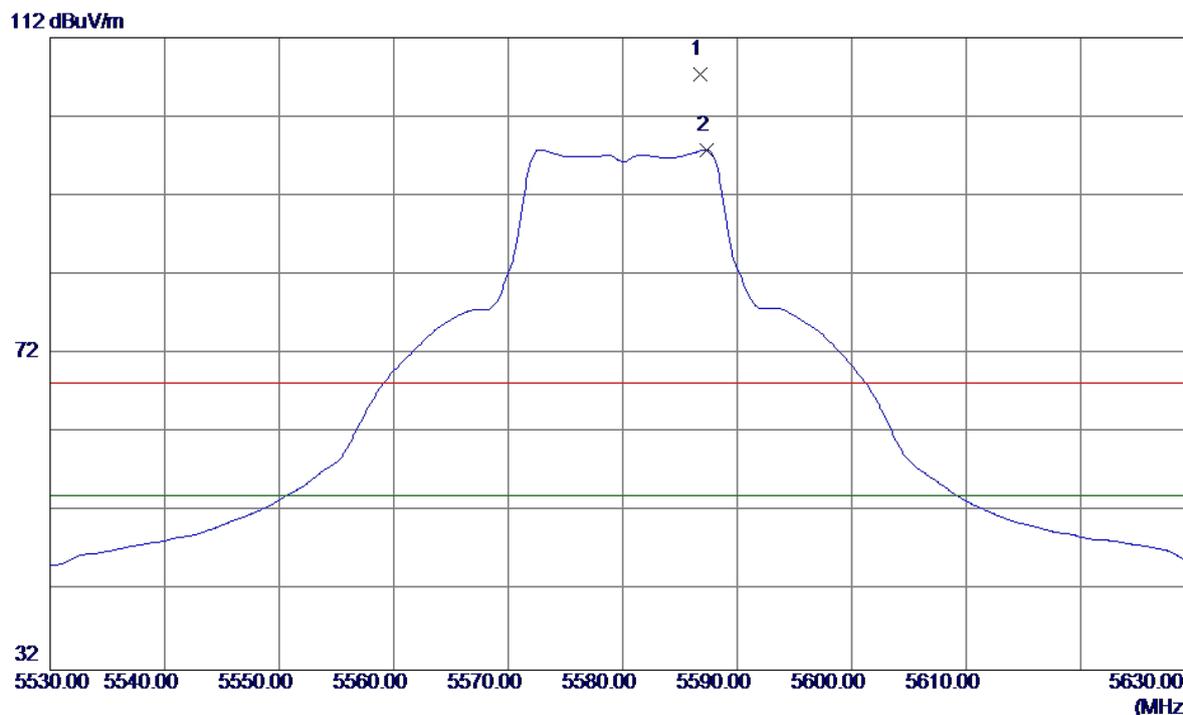
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.1200	42.12	16.13	58.25	68.30	-10.05	Peak	
2	11160.3040	30.89	16.13	47.02	54.00	-6.98	AVG	

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

### Horizontal

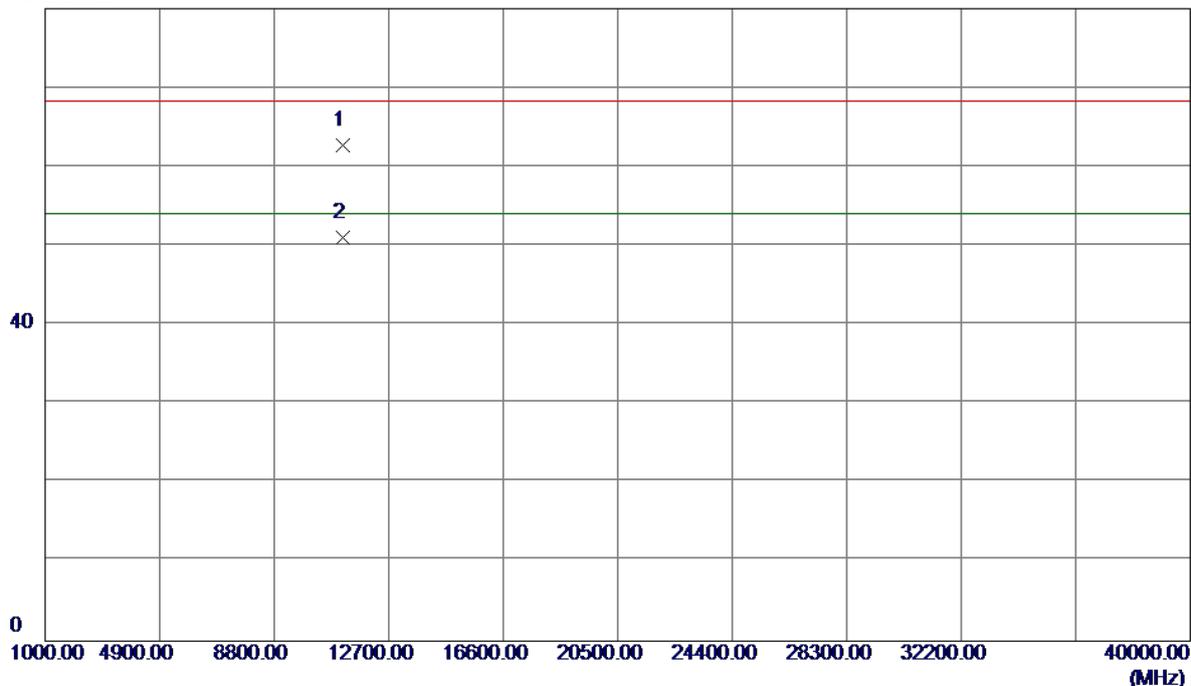


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5586.8000	66.29	41.08	107.37	54.00	53.37	AVG	No Limit
2	5587.3000	56.75	41.08	97.83	68.30	29.53	Peak	No Limit

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

### Horizontal

80 dBuV/m

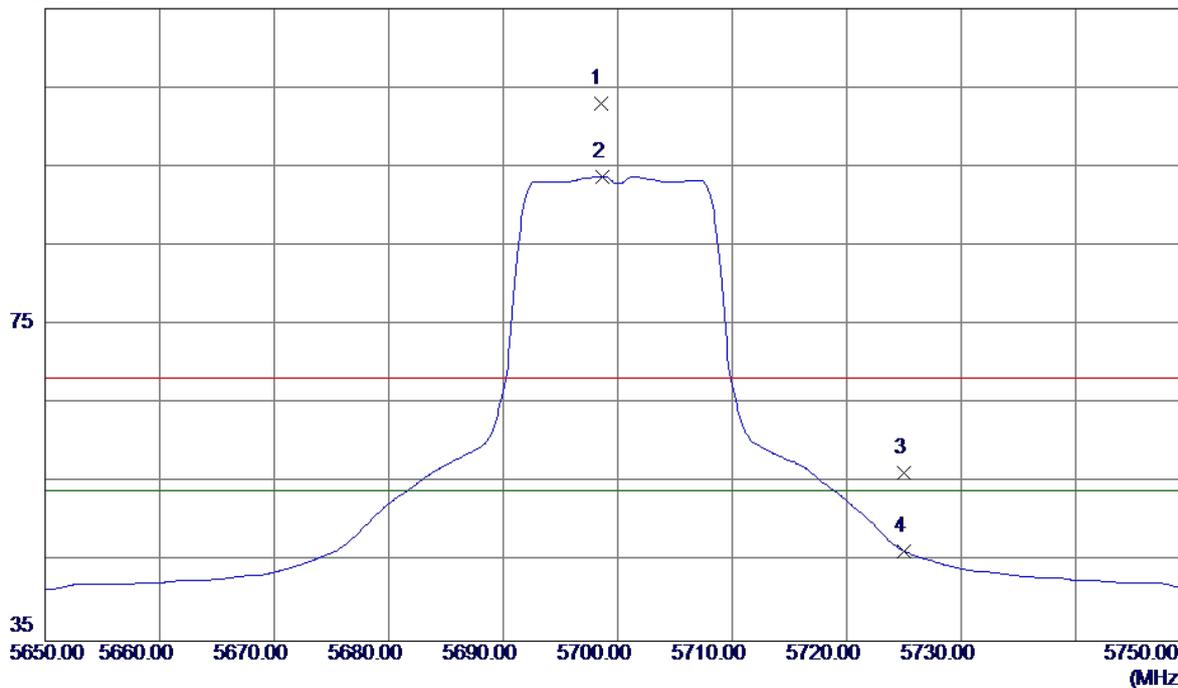


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.0000	46.64	16.13	62.77	68.30	-5.53	Peak	
2	11160.0000	34.93	16.13	51.06	54.00	-2.94	AVG	

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

### Vertical

115 dBuV/m

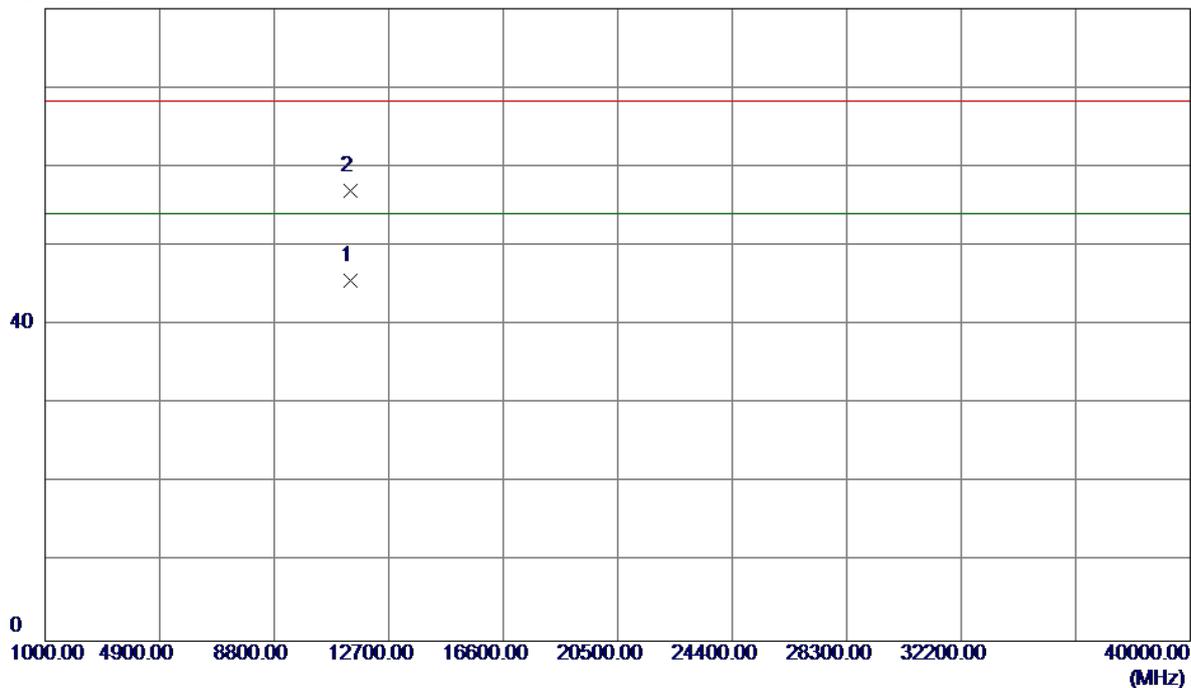


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5698.5000	61.74	41.23	102.97	68.30	34.67	Peak	No Limit
2	5698.7000	52.54	41.23	93.77	54.00	39.77	AVG	No Limit
3	5725.0000	15.03	41.27	56.30	68.30	-12.00	Peak	
4	5725.0000	5.16	41.27	46.43	54.00	-7.57	AVG	

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

### Vertical

80 dBuV/m

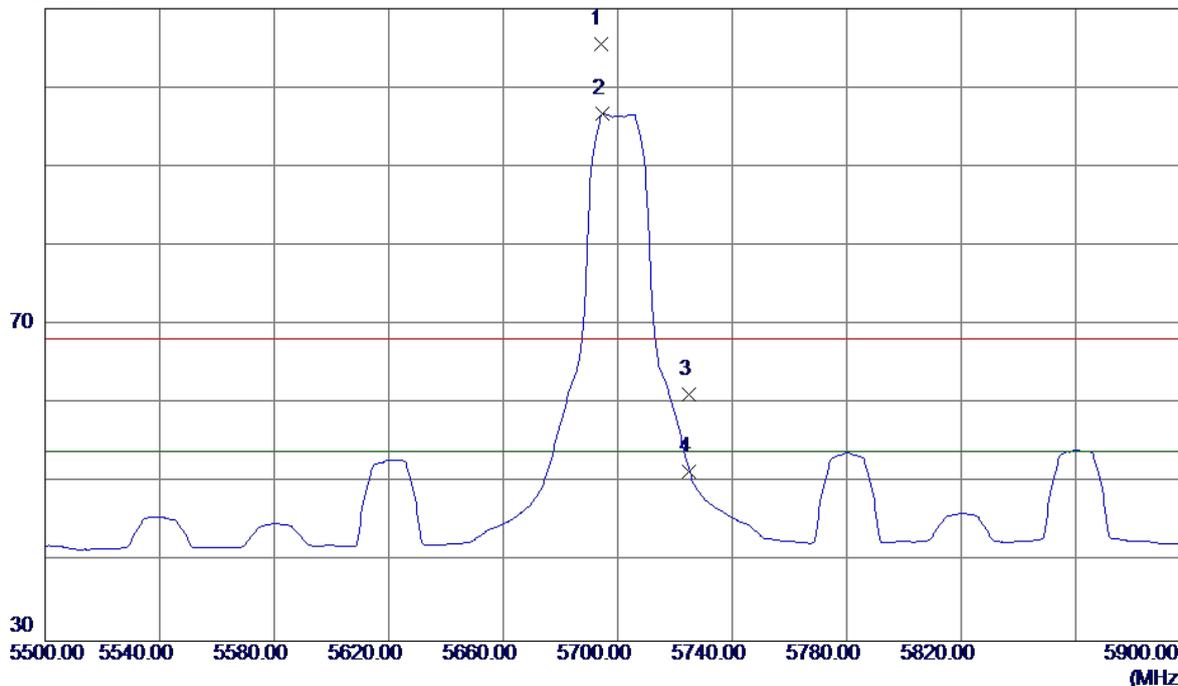


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.1280	28.84	16.70	45.54	54.00	-8.46	AVG	
2	11400.2500	40.31	16.70	57.01	68.30	-11.29	Peak	

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

### Horizontal

110 dBuV/m

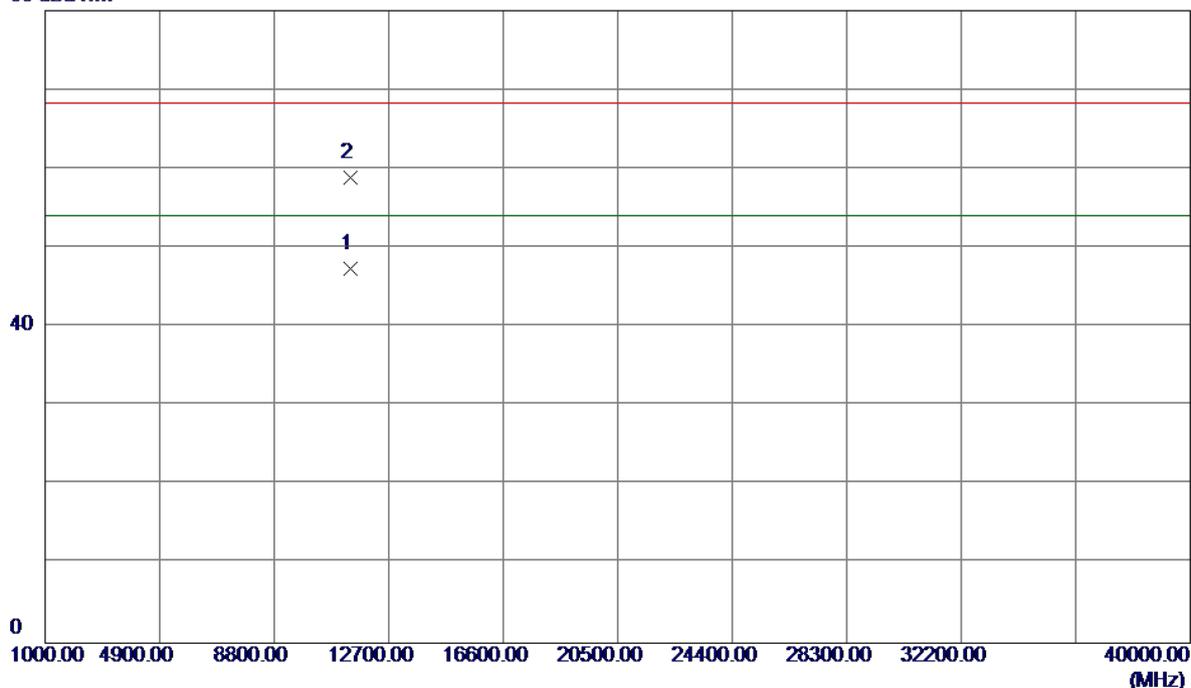


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5694.0000	64.28	41.22	105.50	68.30	37.20	Peak	No Limit
2	5694.8000	55.52	41.22	96.74	54.00	42.74	AVG	No Limit
3	5725.0000	19.86	41.27	61.13	68.30	-7.17	Peak	
4	5725.0000	10.11	41.27	51.38	54.00	-2.62	AVG	

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

### Horizontal

80 dBuV/m

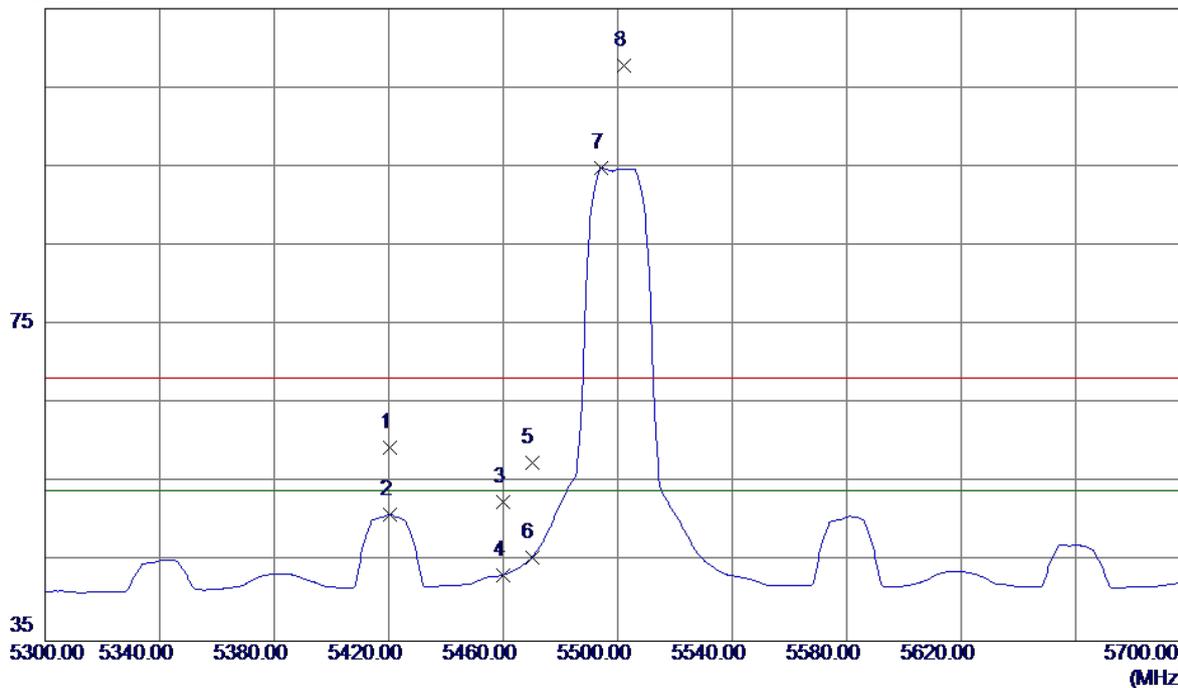


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.3360	30.62	16.70	47.32	54.00	-6.68	AVG	
2	11400.3540	42.23	16.70	58.93	68.30	-9.37	Peak	

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

### Vertical

115 dBuV/m

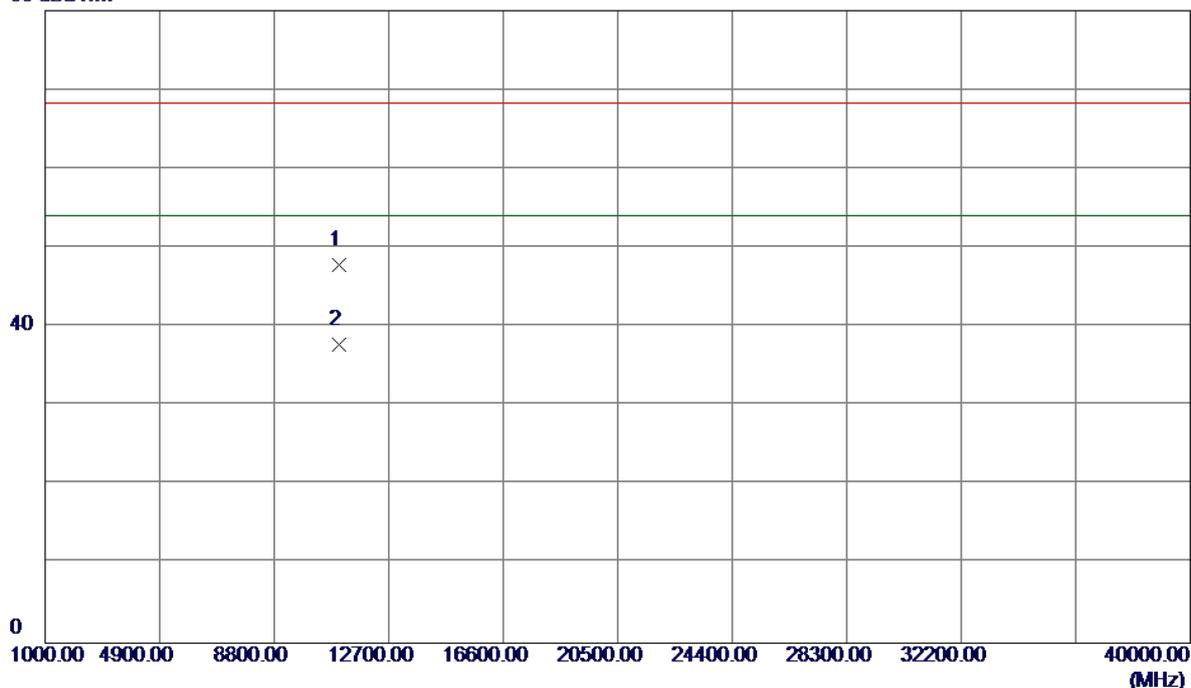


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5420.4000	18.76	40.79	59.55	68.30	-8.75	Peak	
2	5420.4000	10.18	40.79	50.97	54.00	-3.03	AVG	
3	5460.0000	11.78	40.88	52.66	68.30	-15.64	Peak	
4	5460.0000	2.49	40.88	43.37	54.00	-10.63	AVG	
5	5470.0000	16.61	40.90	57.51	68.30	-10.79	Peak	
6	5470.0000	4.73	40.90	45.63	54.00	-8.37	AVG	
7	5494.4000	53.95	40.95	94.90	54.00	40.90	AVG	No Limit
8	5502.4000	66.78	40.96	107.74	68.30	39.44	Peak	No Limit

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

### Vertical

80 dBuV/m

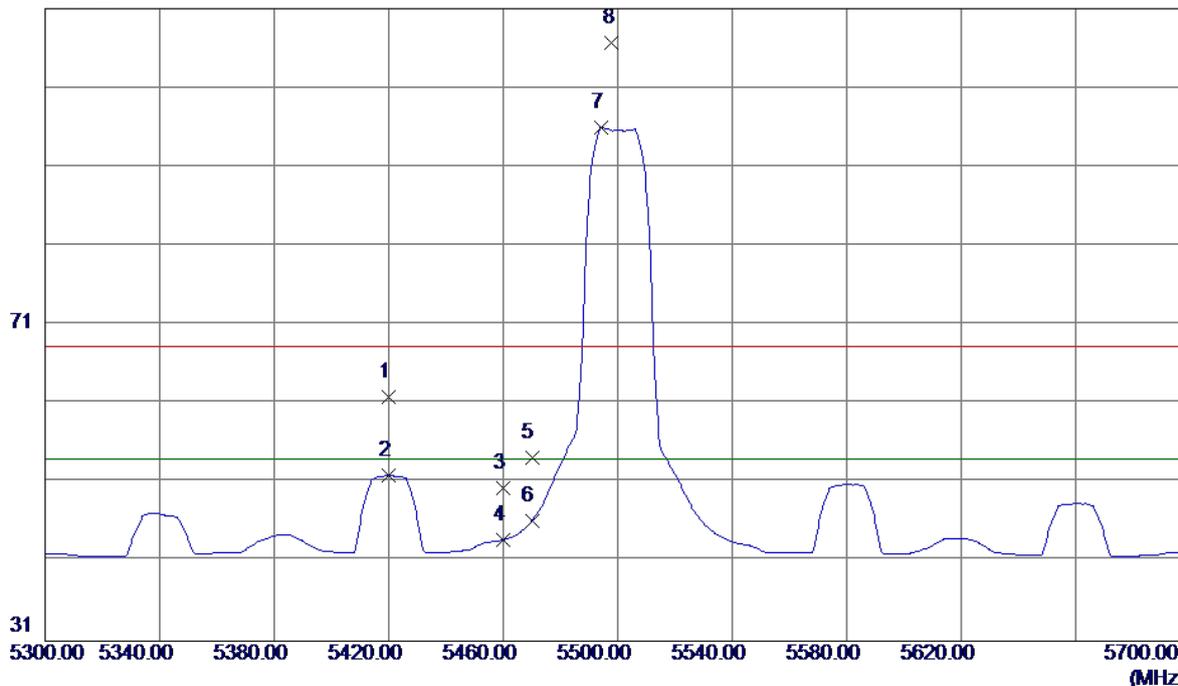


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.1870	32.02	15.75	47.77	68.30	-20.53	Peak	
2	11000.3570	22.01	15.75	37.76	54.00	-16.24	AVG	

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

### Horizontal

111 dBuV/m

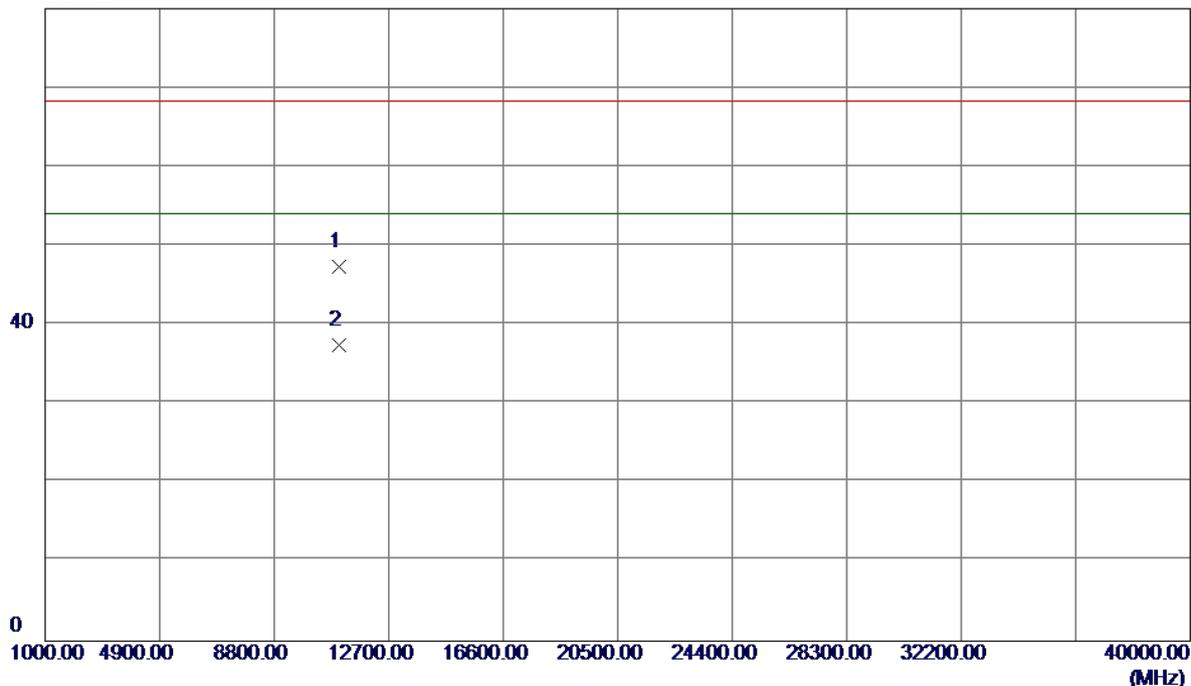


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5420.0000	21.07	40.79	61.86	68.30	-6.44	Peak	
2	5420.0000	11.18	40.79	51.97	54.00	-2.03	AVG	
3	5460.0000	9.45	40.88	50.33	68.30	-17.97	Peak	
4	5460.0000	2.95	40.88	43.83	54.00	-10.17	AVG	
5	5470.0000	13.31	40.90	54.21	68.30	-14.09	Peak	
6	5470.0000	5.33	40.90	46.23	54.00	-7.77	AVG	
7	5494.4000	55.08	40.95	96.03	54.00	42.03	AVG	No Limit
8	5498.0000	65.66	40.96	106.62	68.30	38.32	Peak	No Limit

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

### Horizontal

80 dBuV/m

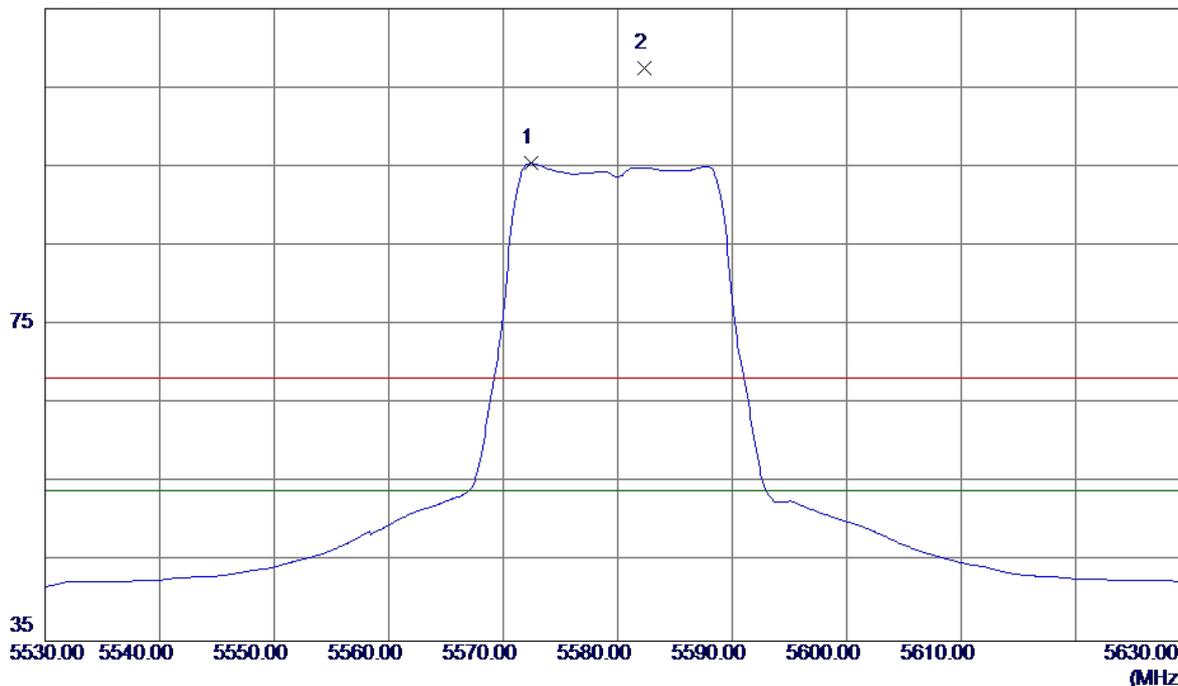


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11000.0599	31.56	15.75	47.31	68.30	-20.99	Peak	
2	11000.0599	21.66	15.75	37.41	54.00	-16.59	AVG	

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

### Vertical

115 dBuV/m

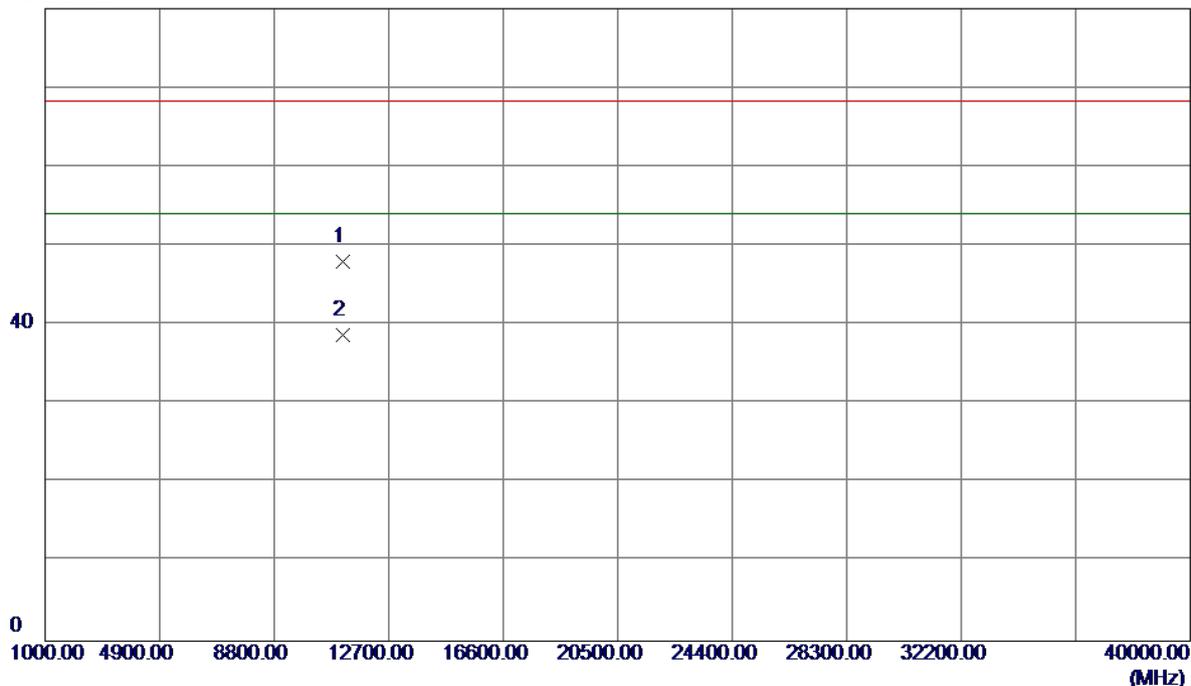


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.4000	54.38	41.06	95.44	54.00	41.44	AVG	No Limit
2	5582.3000	66.47	41.07	107.54	68.30	39.24	Peak	No Limit

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

### Vertical

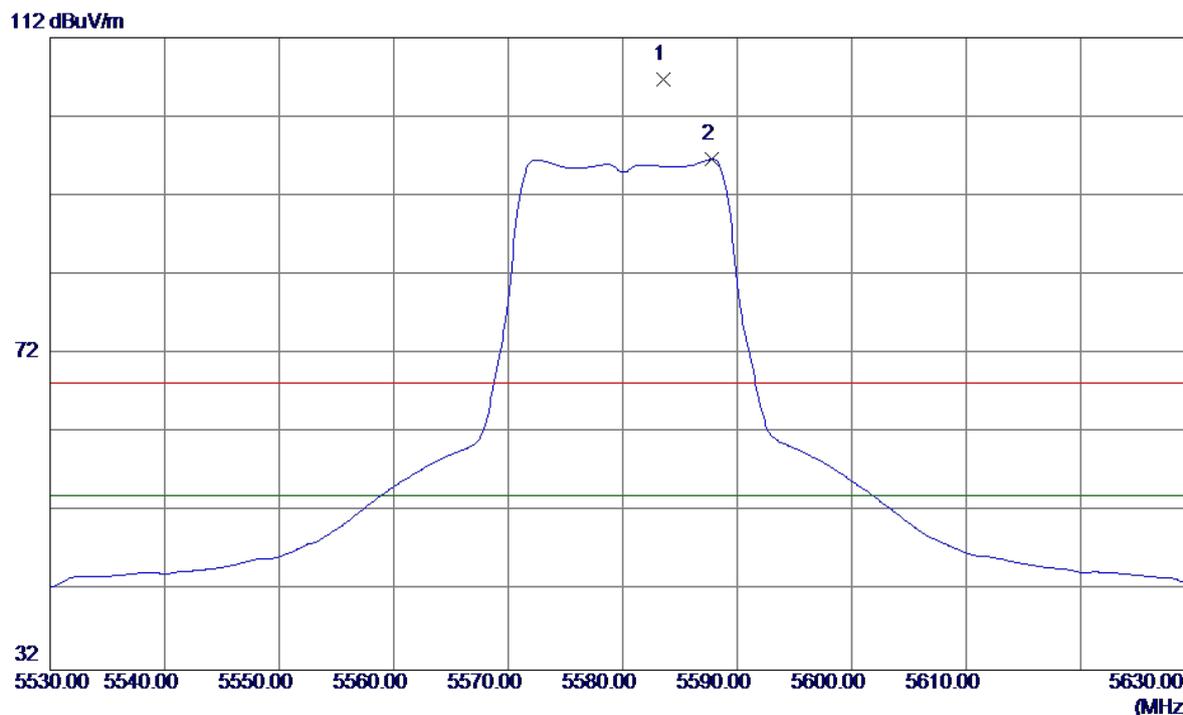
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.1700	31.89	16.13	48.02	68.30	-20.28	Peak	
2	11160.1700	22.66	16.13	38.79	54.00	-15.21	AVG	

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

### Horizontal

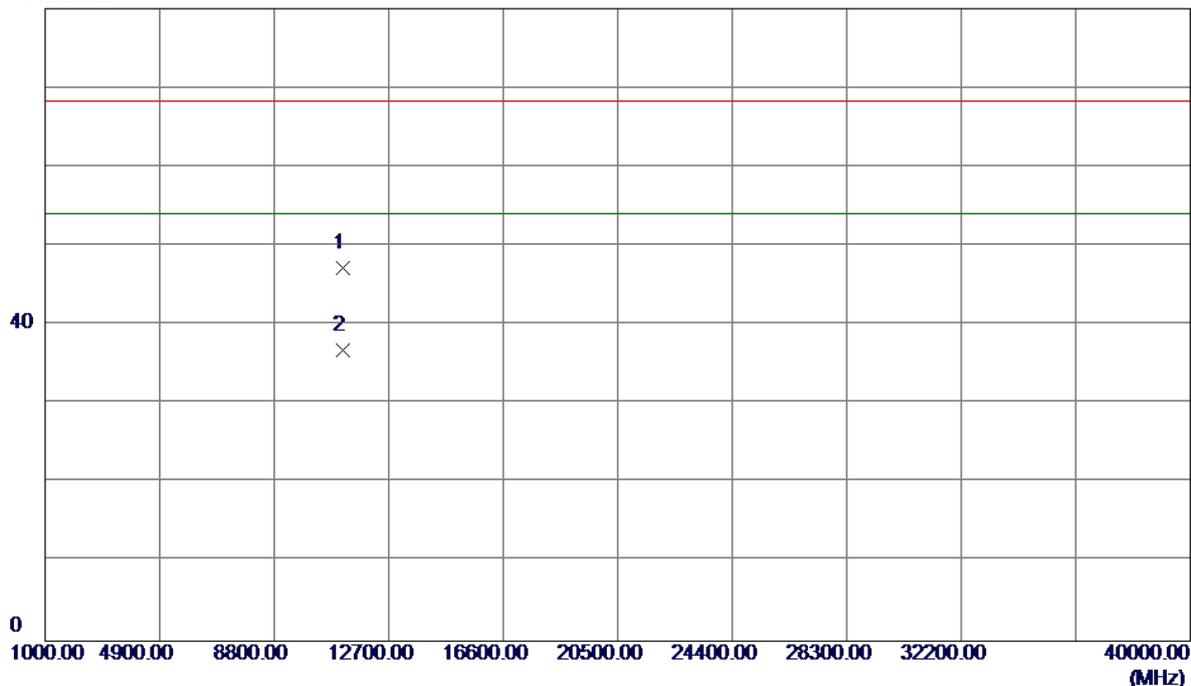


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5583.6000	65.62	41.07	106.69	68.30	38.39	Peak	No Limit
2	5587.8000	55.51	41.08	96.59	54.00	42.59	AVG	No Limit

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

### Horizontal

80 dBuV/m

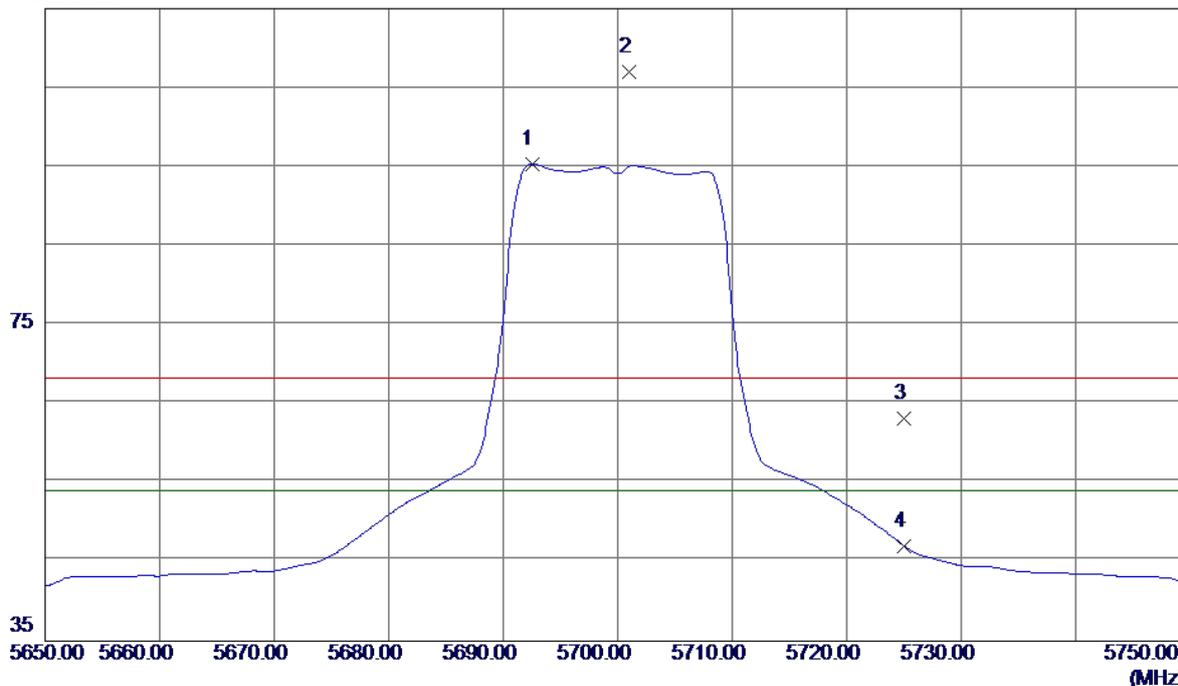


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11160.3770	31.06	16.13	47.19	68.30	-21.11	Peak	
2	11160.3840	20.67	16.13	36.80	54.00	-17.20	AVG	

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

### Vertical

115 dBuV/m

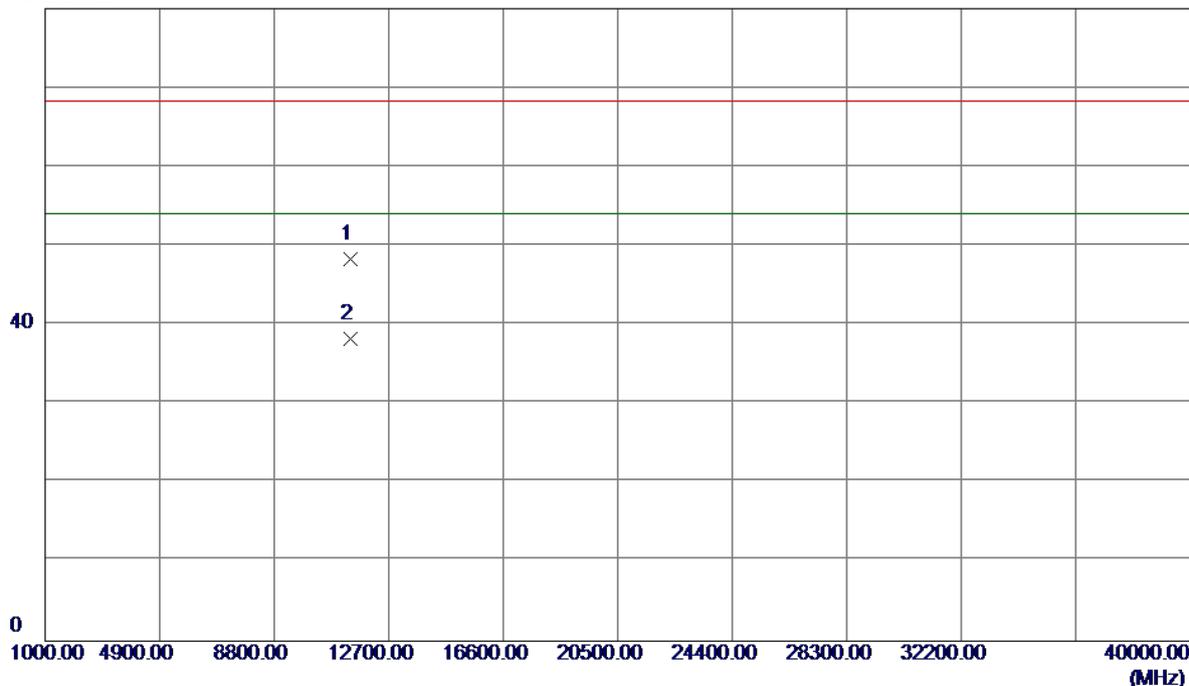


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5692.5000	54.11	41.22	95.33	54.00	41.33	AVG	No Limit
2	5701.0000	65.70	41.23	106.93	68.30	38.63	Peak	No Limit
3	5725.0000	21.91	41.27	63.18	68.30	-5.12	Peak	
4	5725.0000	5.77	41.27	47.04	54.00	-6.96	AVG	

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

### Vertical

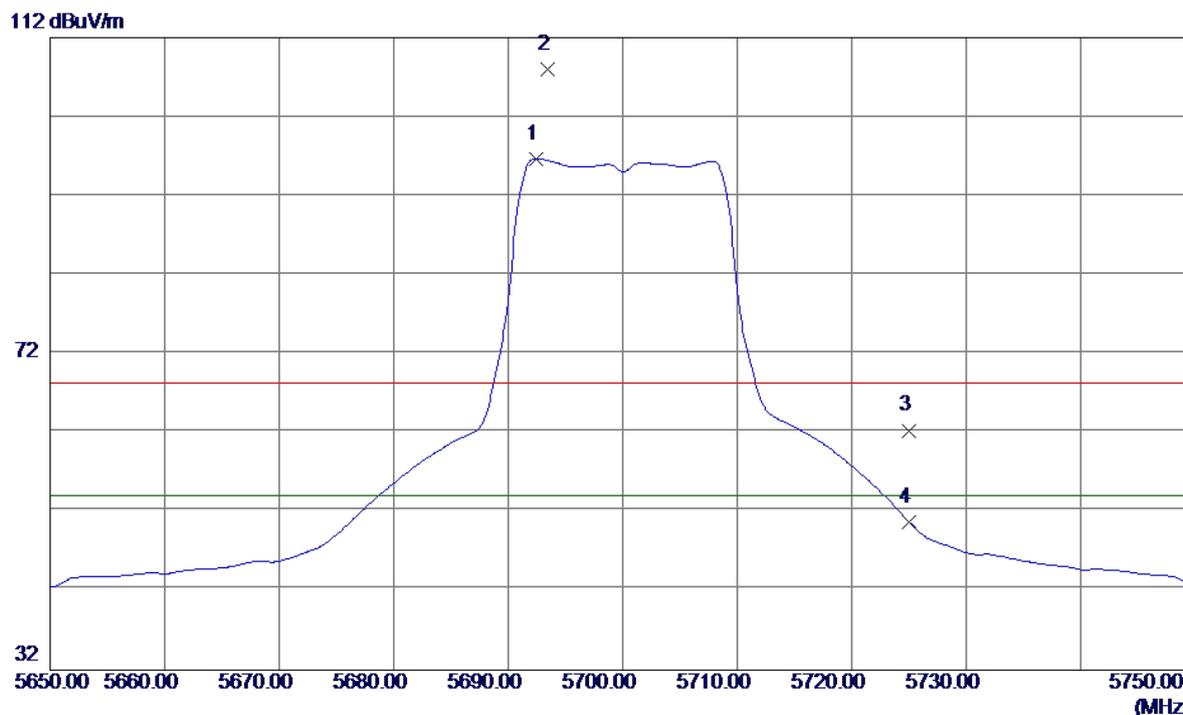
80 dBuV/m



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

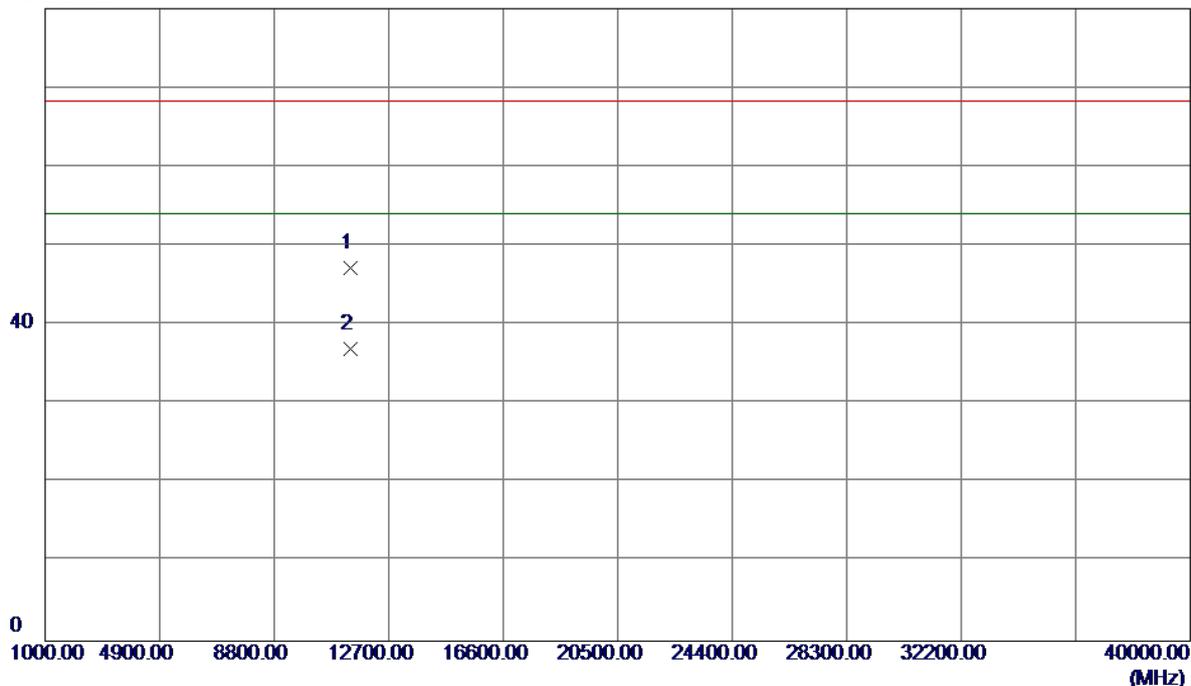


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5692.4000	55.43	41.22	96.65	54.00	42.65	AVG	No Limit
2	5693.4000	66.71	41.22	107.93	68.30	39.63	Peak	No Limit
3	5725.0000	21.05	41.27	62.32	68.30	-5.98	Peak	
4	5725.0000	9.52	41.27	50.79	54.00	-3.21	AVG	

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

### Horizontal

80 dBuV/m

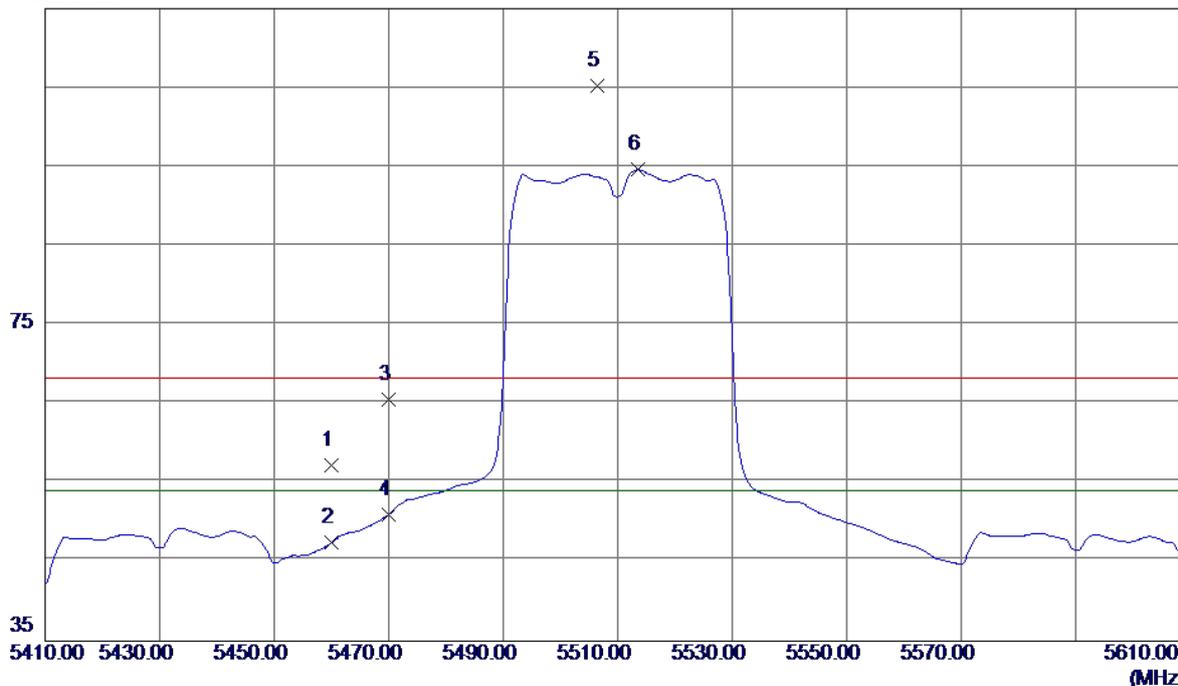


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11400.2800	30.43	16.70	47.13	68.30	-21.17	Peak	
2	11400.2800	20.21	16.70	36.91	54.00	-17.09	AVG	

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

### Vertical

115 dBuV/m

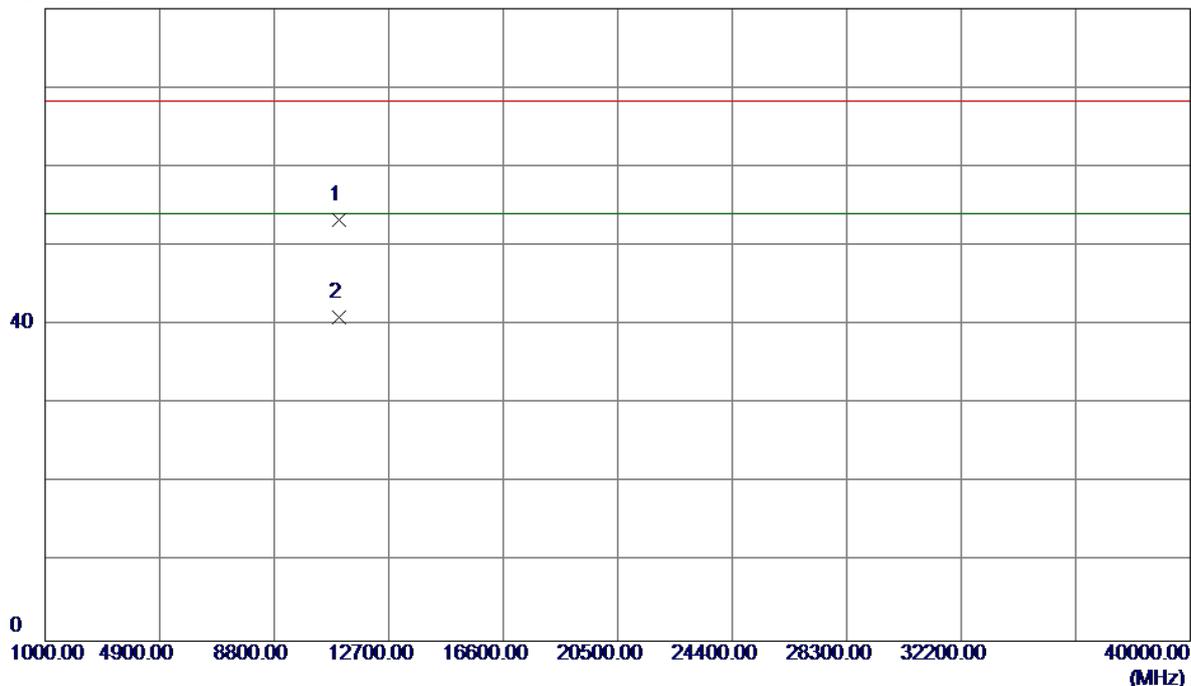


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	16.42	40.88	57.30	68.30	-11.00	Peak	
2	5460.0000	6.57	40.88	47.45	54.00	-6.55	AVG	
3	5470.0000	24.67	40.90	65.57	68.30	-2.73	Peak	
4	5470.0000	10.11	40.90	51.01	54.00	-2.99	AVG	
5	5506.4000	64.28	40.97	105.25	68.30	36.95	Peak	No Limit
6	5513.6000	53.63	40.98	94.61	54.00	40.61	AVG	No Limit

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

### Vertical

80 dBuV/m

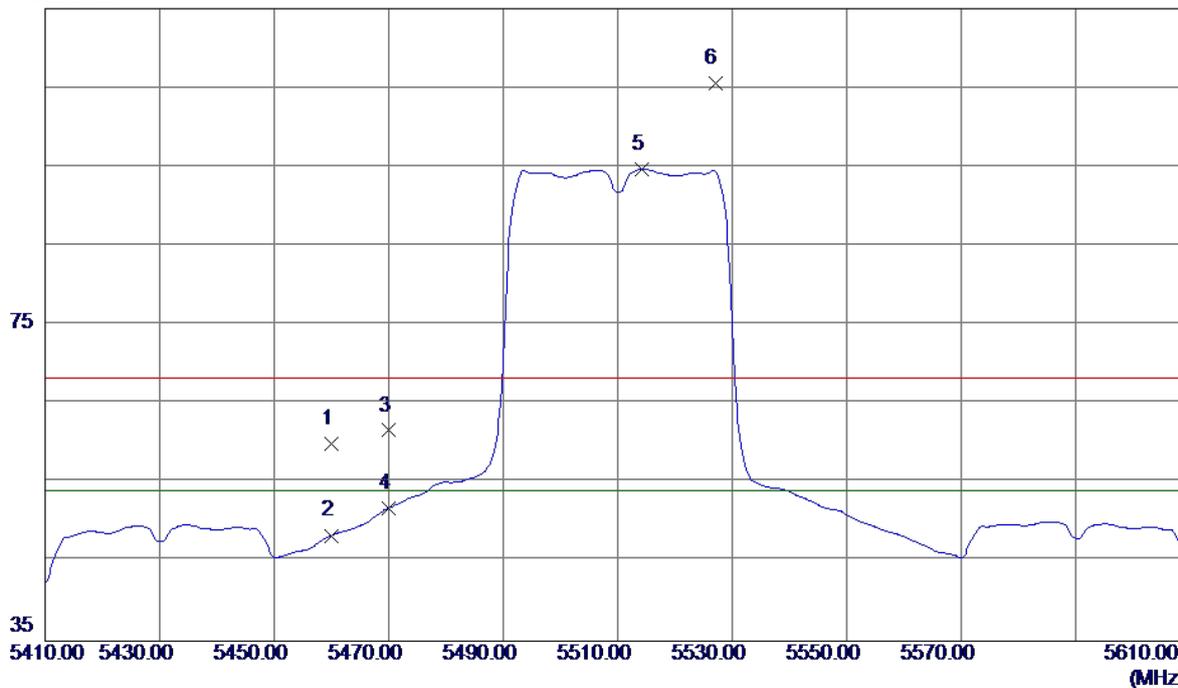


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.1000	37.52	15.80	53.32	68.30	-14.98	Peak	
2	11020.1000	25.23	15.80	41.03	54.00	-12.97	AVG	

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

### Horizontal

115 dBuV/m

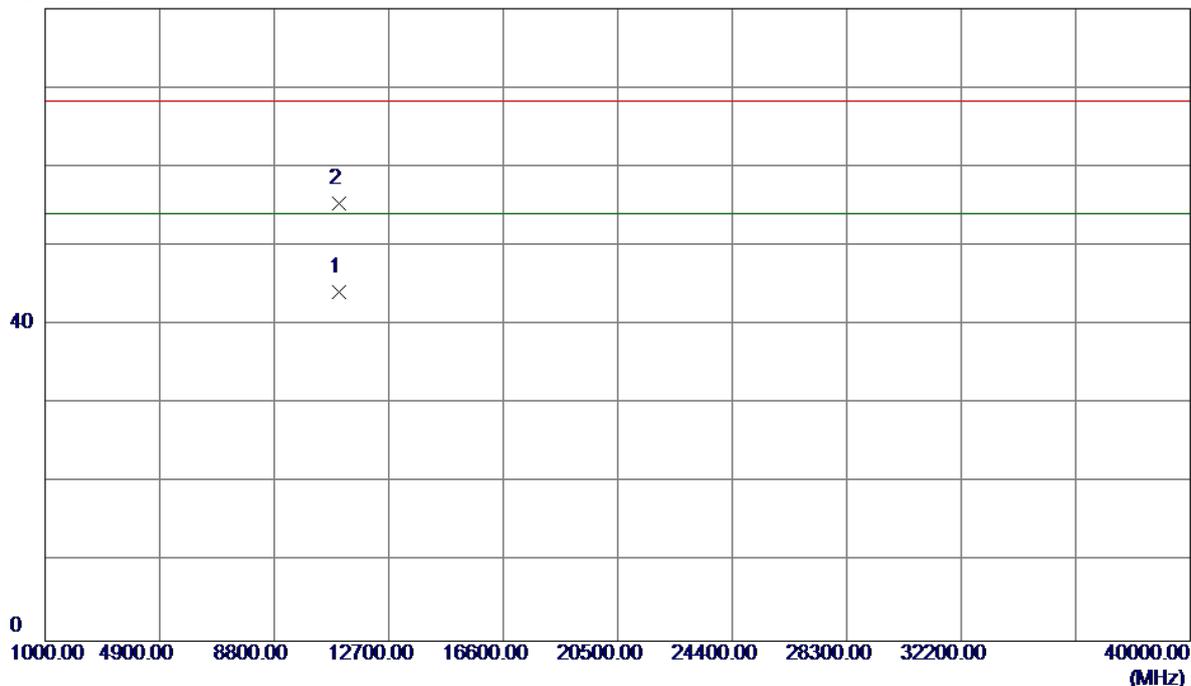


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	19.01	40.88	59.89	68.30	-8.41	Peak	
2	5460.0000	7.48	40.88	48.36	54.00	-5.64	AVG	
3	5470.0000	20.74	40.90	61.64	68.30	-6.66	Peak	
4	5470.0000	10.95	40.90	51.85	54.00	-2.15	AVG	
5	5514.2000	53.69	40.98	94.67	54.00	40.67	AVG	No Limit
6	5527.0000	64.57	41.00	105.57	68.30	37.27	Peak	No Limit

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

### Horizontal

80 dBuV/m

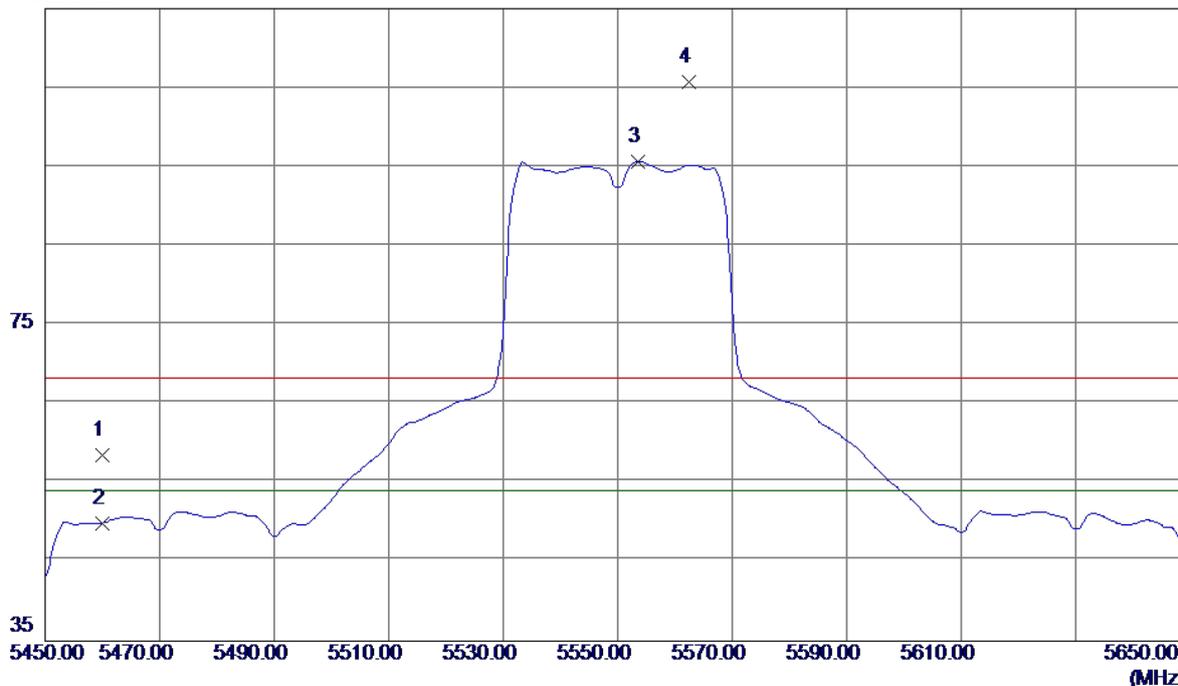


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.2130	28.34	15.80	44.14	54.00	-9.86	AVG	
2	11020.4200	39.51	15.80	55.31	68.30	-12.99	Peak	

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

### Vertical

115 dBuV/m

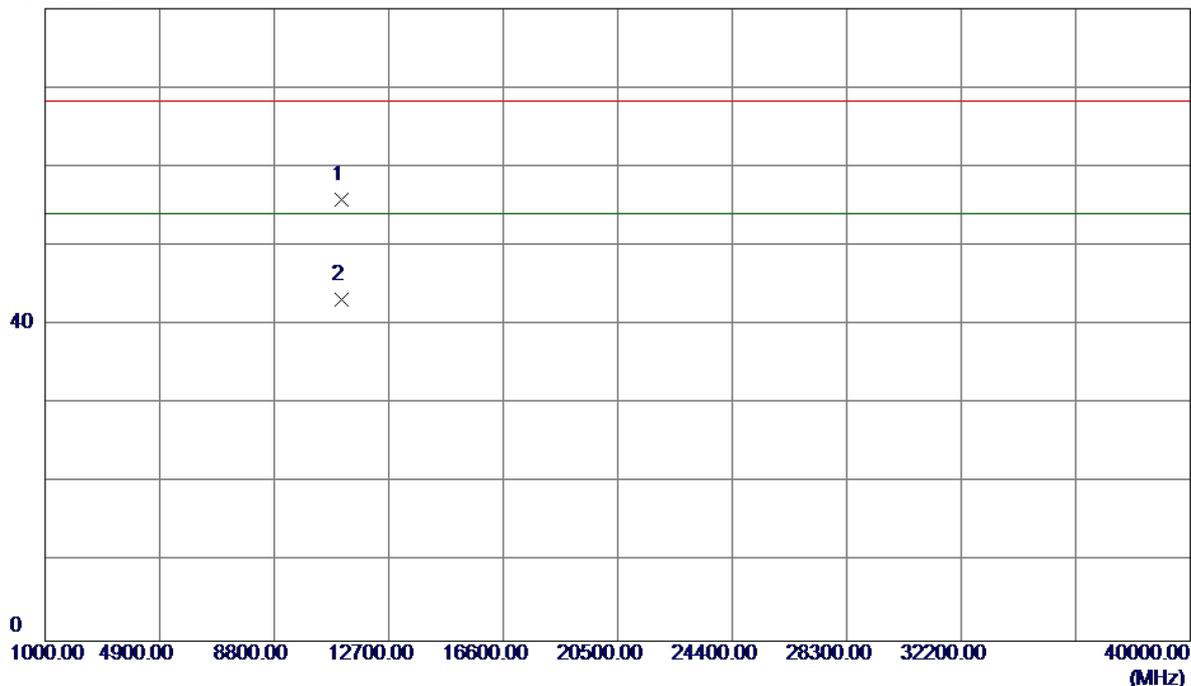


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	17.66	40.88	58.54	68.30	-9.76	Peak	
2	5460.0000	9.06	40.88	49.94	54.00	-4.06	AVG	
3	5553.6000	54.64	41.03	95.67	54.00	41.67	AVG	No Limit
4	5562.4000	64.63	41.04	105.67	68.30	37.37	Peak	No Limit

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

### Vertical

80 dBuV/m

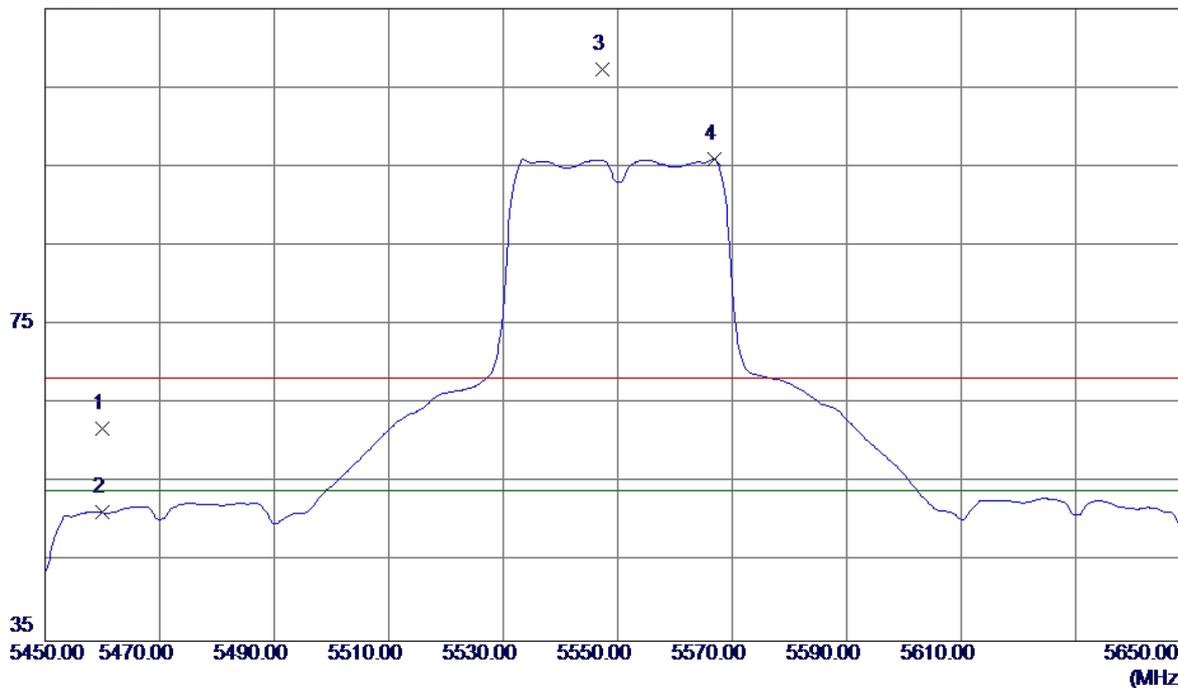


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11100.0000	39.85	15.99	55.84	68.30	-12.46	Peak	
2	11100.0000	27.14	15.99	43.13	54.00	-10.87	AVG	

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

### Horizontal

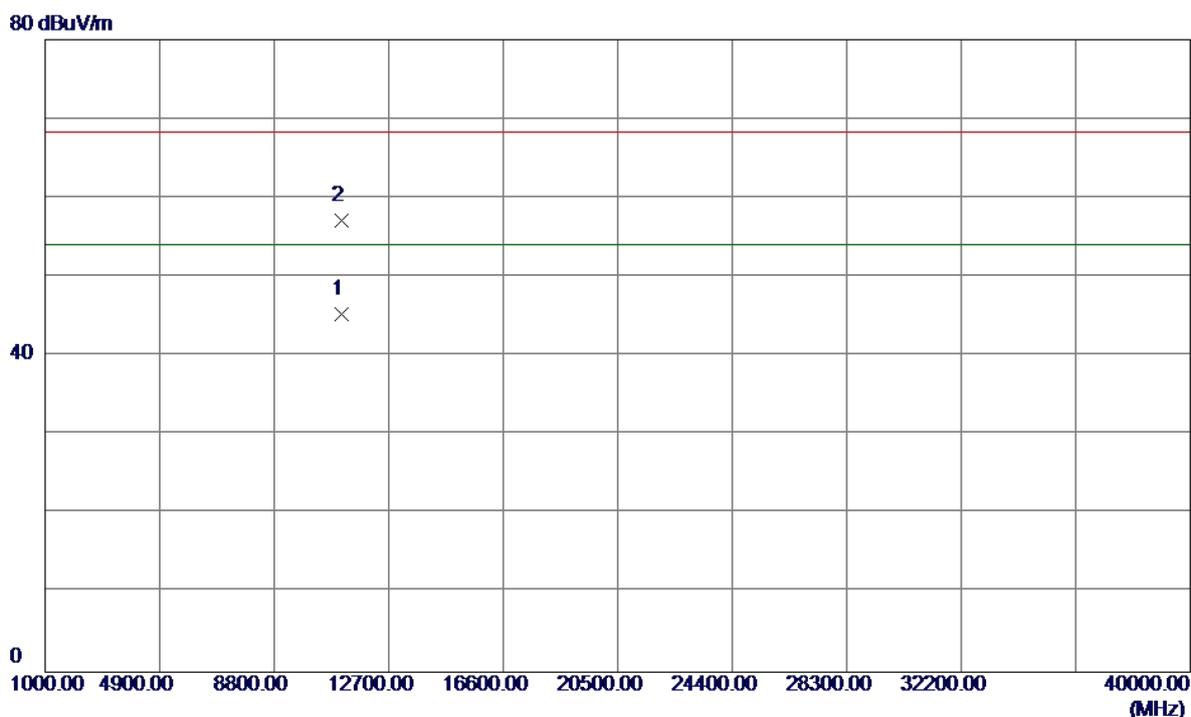
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	21.07	40.88	61.95	68.30	-6.35	Peak	
2	5460.0000	10.37	40.88	51.25	54.00	-2.75	AVG	
3	5547.4000	66.26	41.02	107.28	68.30	38.98	Peak	No Limit
4	5566.8000	54.98	41.05	96.03	54.00	42.03	AVG	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	11100.1350	29.26	15.99	45.25	54.00	-8.75	AVG	
2	11100.6849	41.06	15.99	57.05	68.30	-11.25	Peak	

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

### Vertical

115 dBuV/m

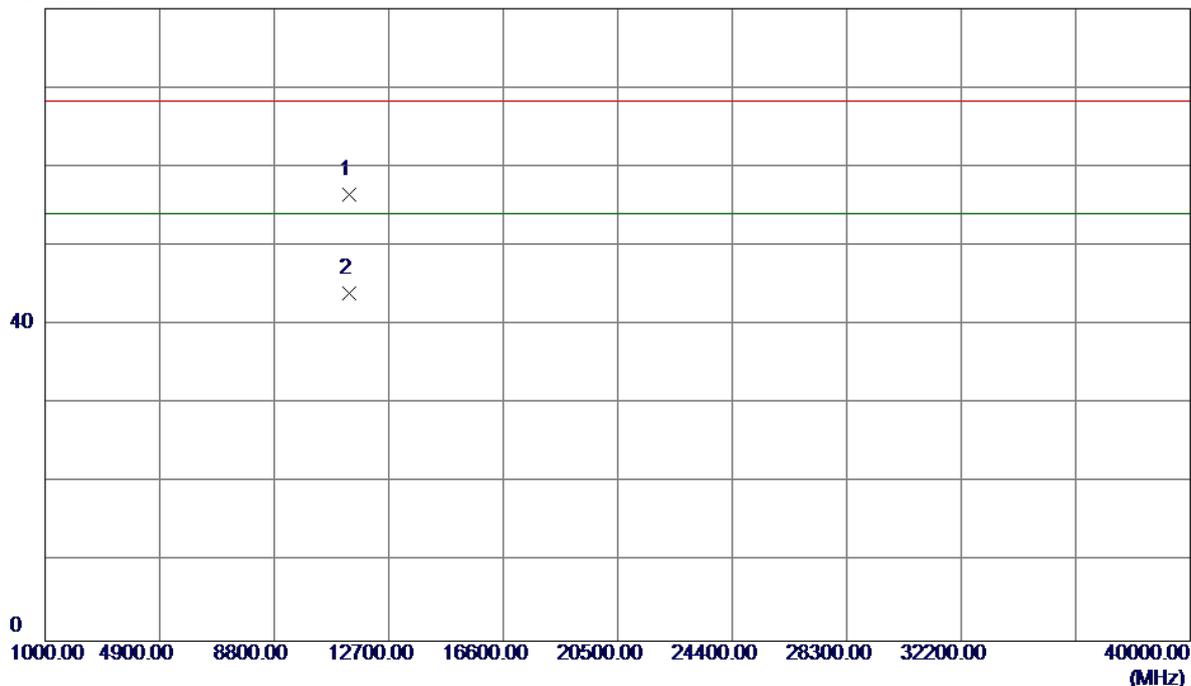


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5673.4000	54.27	41.20	95.47	54.00	41.47	AVG	No Limit
2	5682.4000	64.62	41.21	105.83	68.30	37.53	Peak	No Limit
3	5725.0000	19.84	41.27	61.11	68.30	-7.19	Peak	
4	5725.0000	8.62	41.27	49.89	54.00	-4.11	AVG	

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

### Vertical

80 dBuV/m

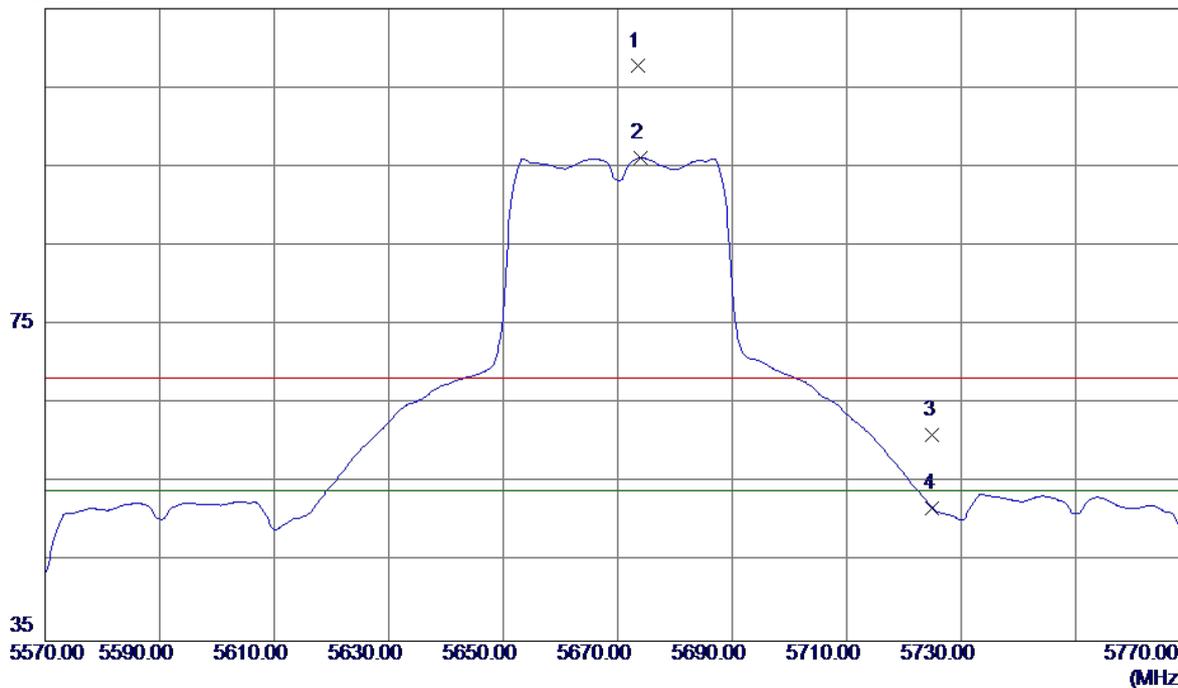


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11341.2500	39.85	16.56	56.41	68.30	-11.89	Peak	
2	11341.2500	27.37	16.56	43.93	54.00	-10.07	AVG	

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

### Horizontal

115 dBuV/m

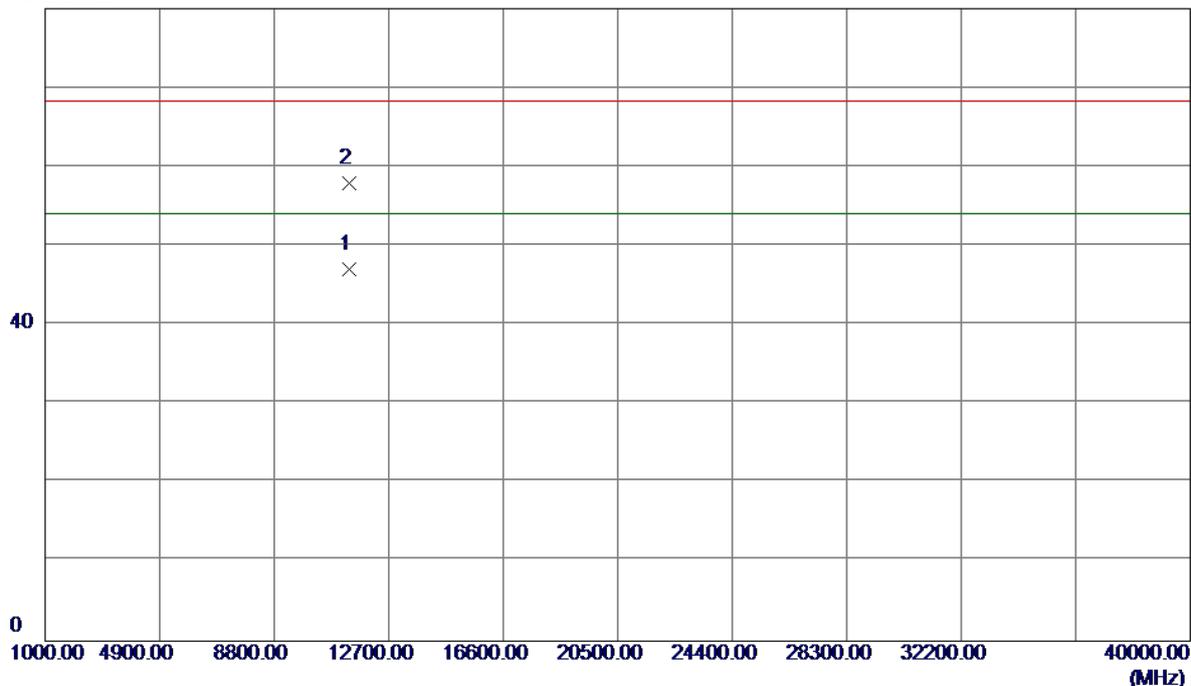


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5673.6000	66.52	41.20	107.72	68.30	39.42	Peak	No Limit
2	5674.0000	54.90	41.20	96.10	54.00	42.10	AVG	No Limit
3	5725.0000	19.80	41.27	61.07	68.30	-7.23	Peak	
4	5725.0000	10.59	41.27	51.86	54.00	-2.14	AVG	

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

### Horizontal

80 dBuV/m

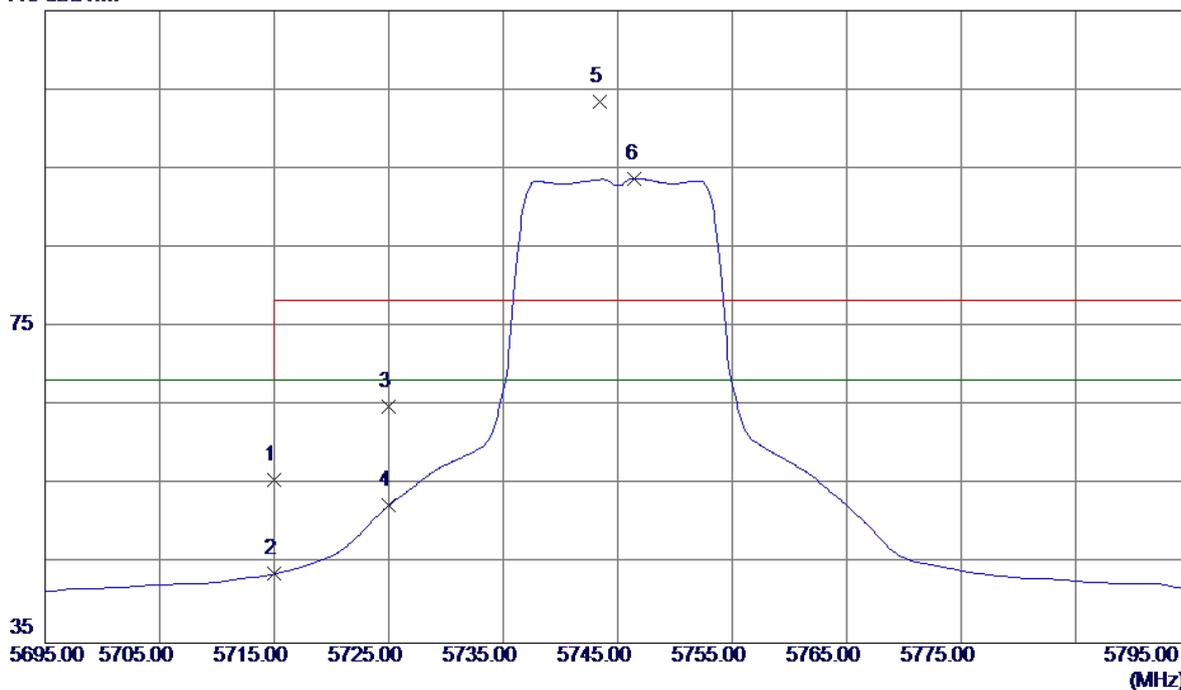


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11340.0270	30.54	16.56	47.10	54.00	-6.90	AVG	
2	11340.0300	41.36	16.56	57.92	68.30	-10.38	Peak	

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

### Vertical

115 dBuV/m

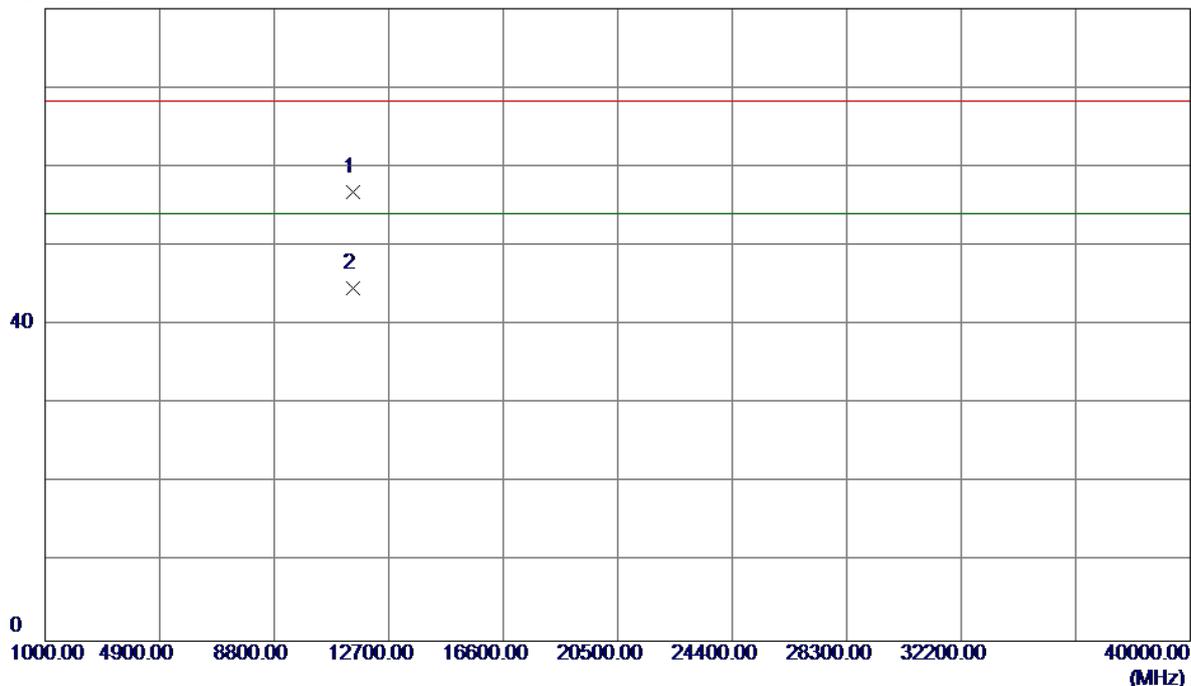


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	14.43	41.25	55.68	68.30	-12.62	Peak	
2	5715.0000	2.49	41.25	43.74	68.30	-24.56	AVG	
3	5725.0000	23.58	41.27	64.85	78.30	-13.45	Peak	
4	5725.0000	11.13	41.27	52.40	68.30	-15.90	AVG	
5	5743.4000	62.21	41.29	103.50	78.30	25.20	Peak	No Limit
6	5746.5000	52.49	41.30	93.79	68.30	25.49	AVG	No Limit

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

### Vertical

80 dBuV/m

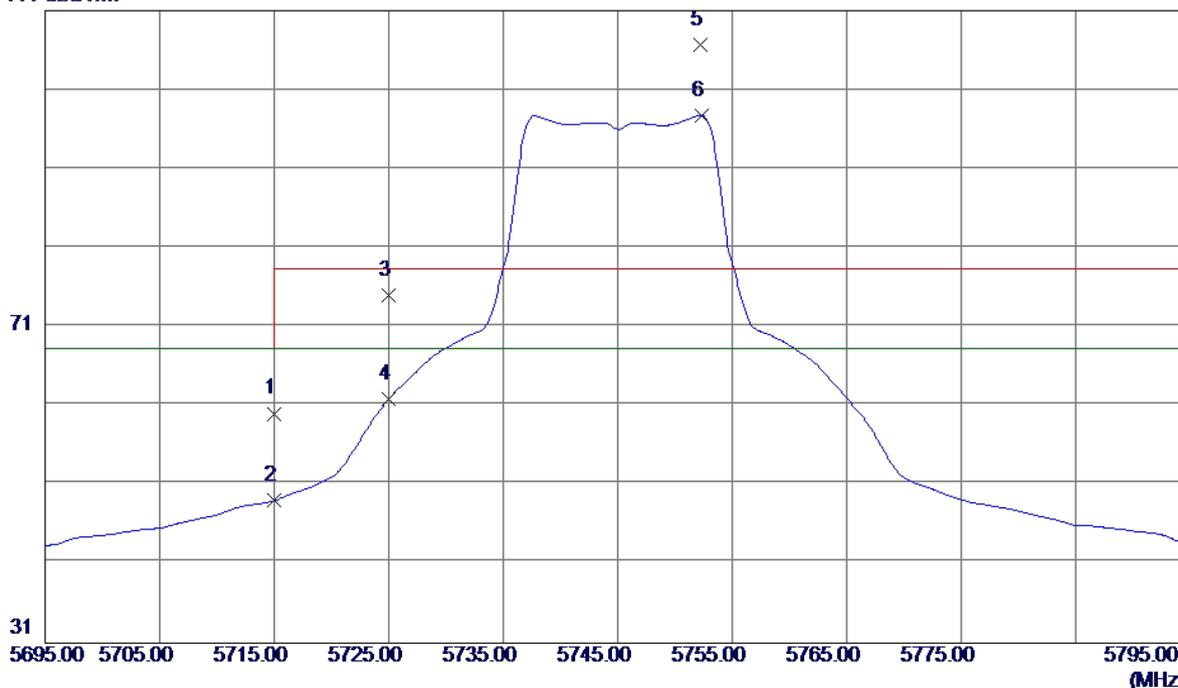


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.1100	39.91	16.91	56.82	68.30	-11.48	Peak	
2	11490.1100	27.76	16.91	44.67	54.00	-9.33	AVG	

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

### Horizontal

111 dBuV/m

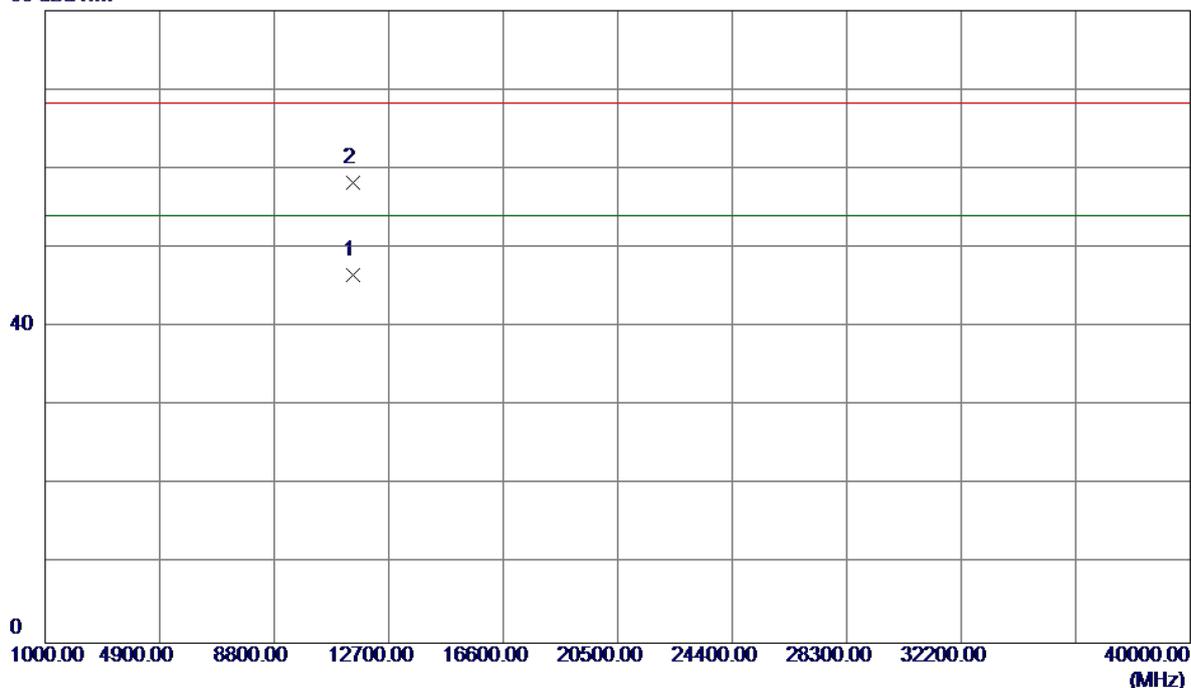


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	18.79	41.25	60.04	68.30	-8.26	Peak	
2	5715.0000	7.77	41.25	49.02	68.30	-19.28	AVG	
3	5725.0000	33.79	41.27	75.06	78.30	-3.24	Peak	
4	5725.0000	20.66	41.27	61.93	68.30	-6.37	AVG	
5	5752.2000	65.34	41.30	106.64	78.30	28.34	Peak	No Limit
6	5752.3000	56.44	41.30	97.74	68.30	29.44	AVG	No Limit

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

### Horizontal

80 dBuV/m

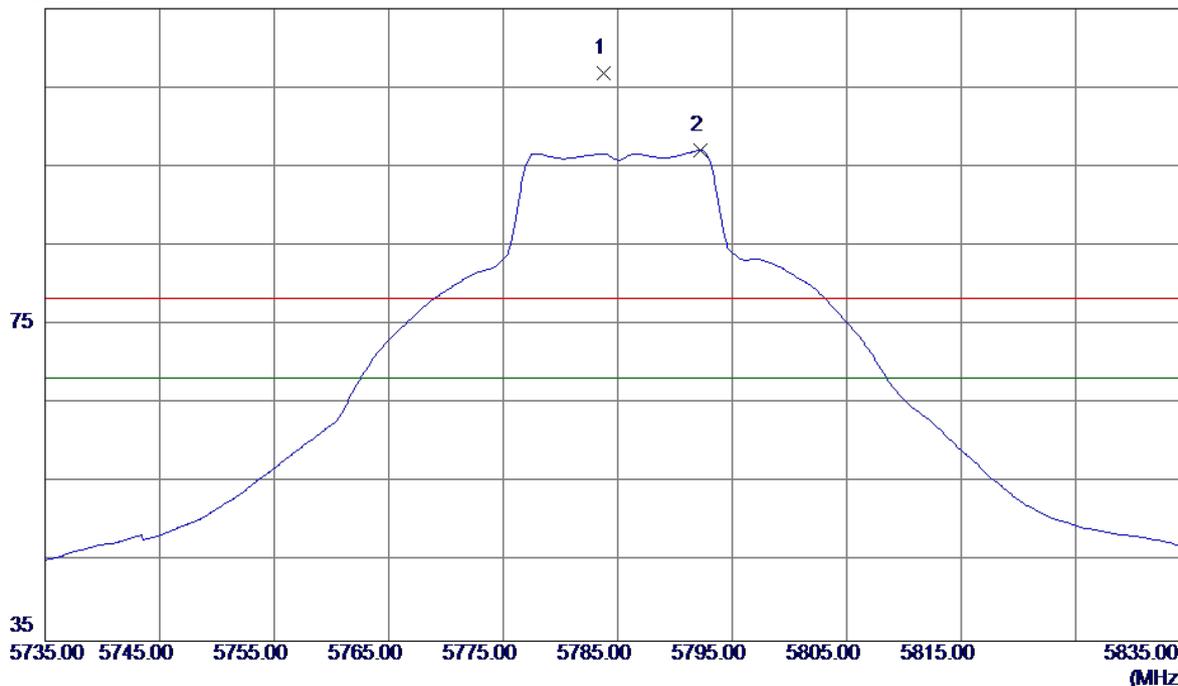


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.3470	29.62	16.91	46.53	54.00	-7.47	AVG	
2	11490.6120	41.34	16.91	58.25	68.30	-10.05	Peak	

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

### Vertical

115 dBuV/m

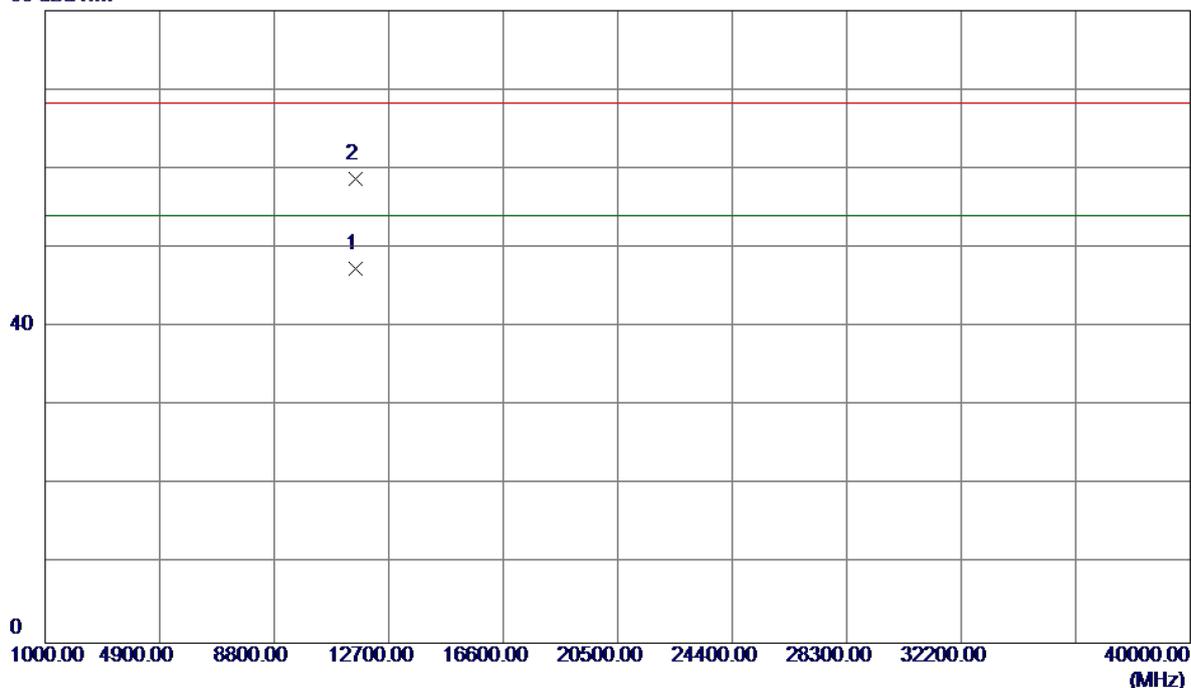


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5783.8000	65.44	41.35	106.79	78.30	28.49	Peak	No Limit
2	5792.2000	55.71	41.36	97.07	68.30	28.77	AVG	No Limit

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

### Vertical

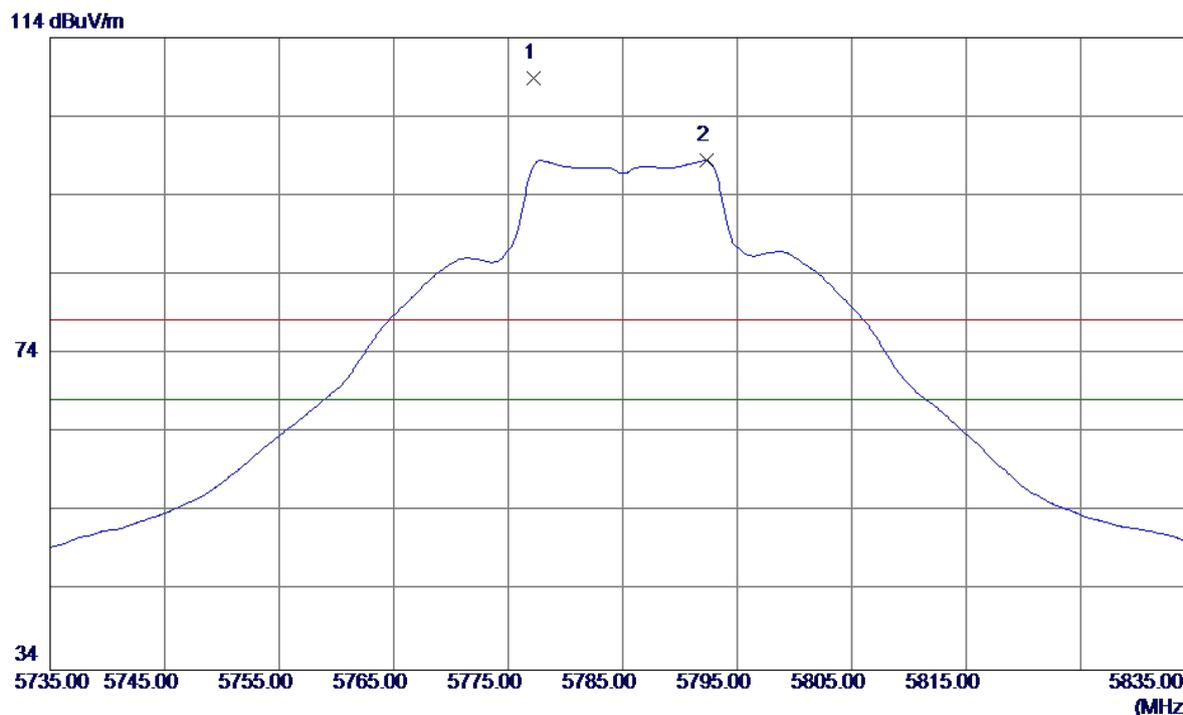
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.3500	30.36	17.05	47.41	54.00	-6.59	AVG	
2	11570.3640	41.72	17.05	58.77	68.30	-9.53	Peak	

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

### Horizontal

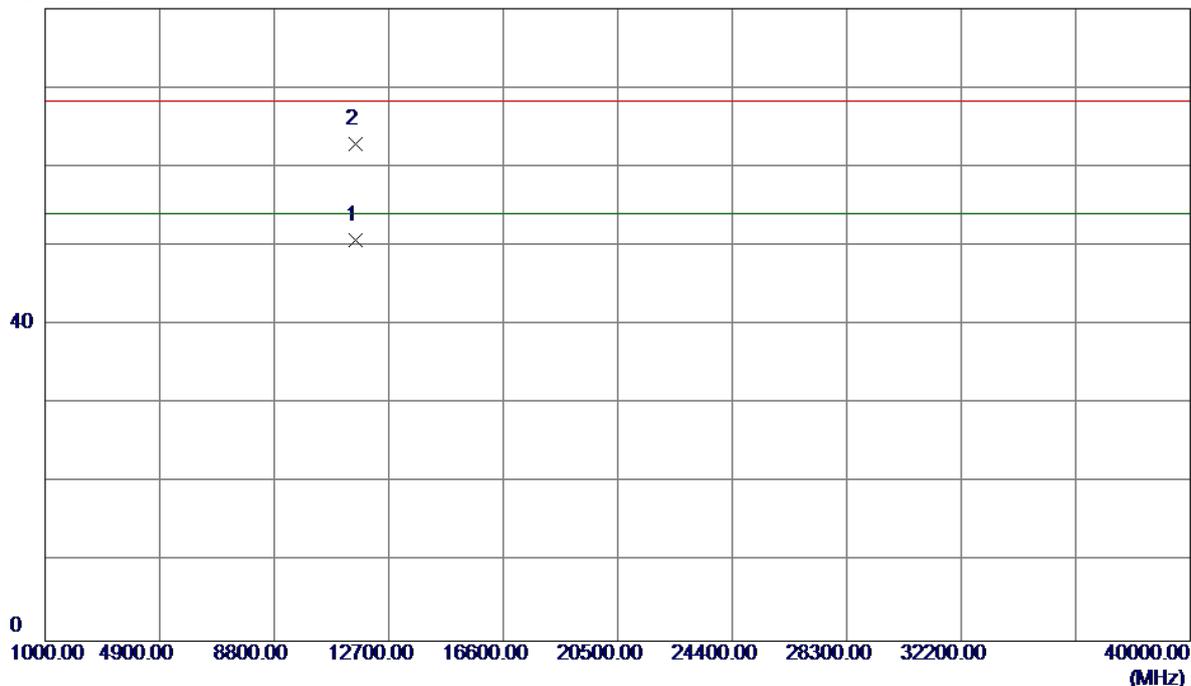


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5777.2000	67.58	41.34	108.92	78.30	30.62	Peak	No Limit
2	5792.3000	57.09	41.36	98.45	68.30	30.15	AVG	No Limit

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

### Horizontal

80 dBuV/m

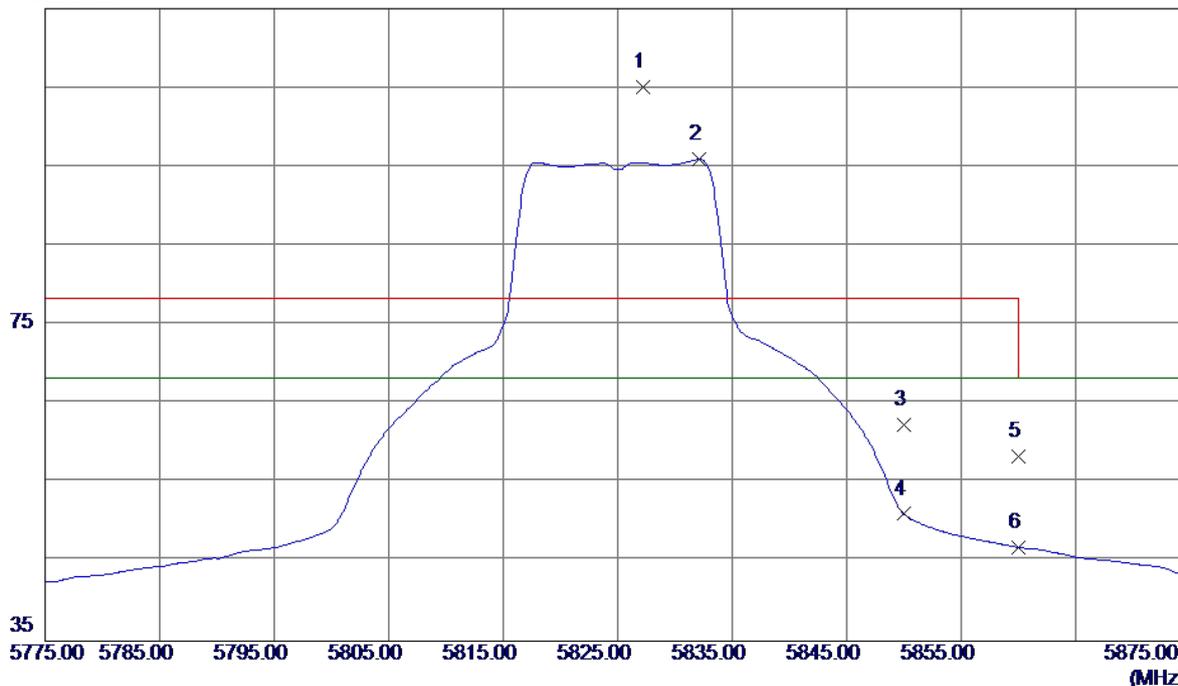


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.0000	33.64	17.05	50.69	54.00	-3.31	AVG	
2	11570.2230	45.76	17.05	62.81	68.30	-5.49	Peak	

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

### Vertical

115 dBuV/m

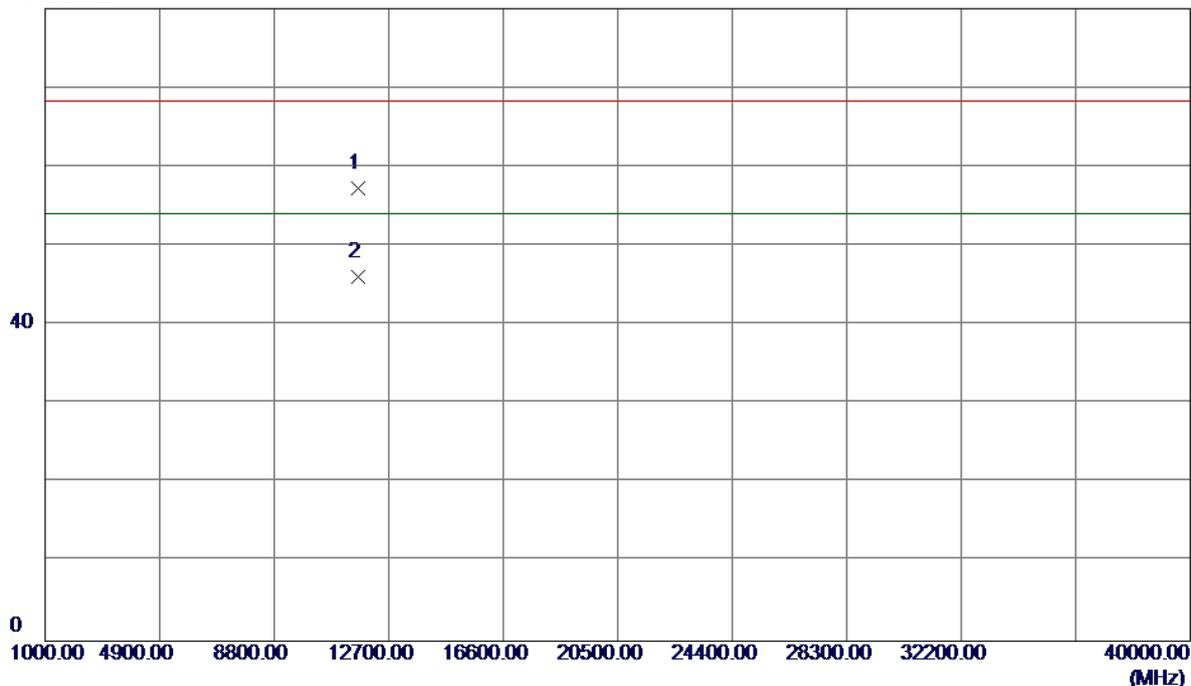


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5827.2000	63.67	41.40	105.07	78.30	26.77	Peak	No Limit
2	5832.1000	54.50	41.41	95.91	68.30	27.61	AVG	No Limit
3	5850.0000	20.98	41.44	62.42	78.30	-15.88	Peak	
4	5850.0000	9.64	41.44	51.08	68.30	-17.22	AVG	
5	5860.0000	16.94	41.45	58.39	78.30	-19.91	Peak	
6	5860.0000	5.42	41.45	46.87	68.30	-21.43	AVG	

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

### Vertical

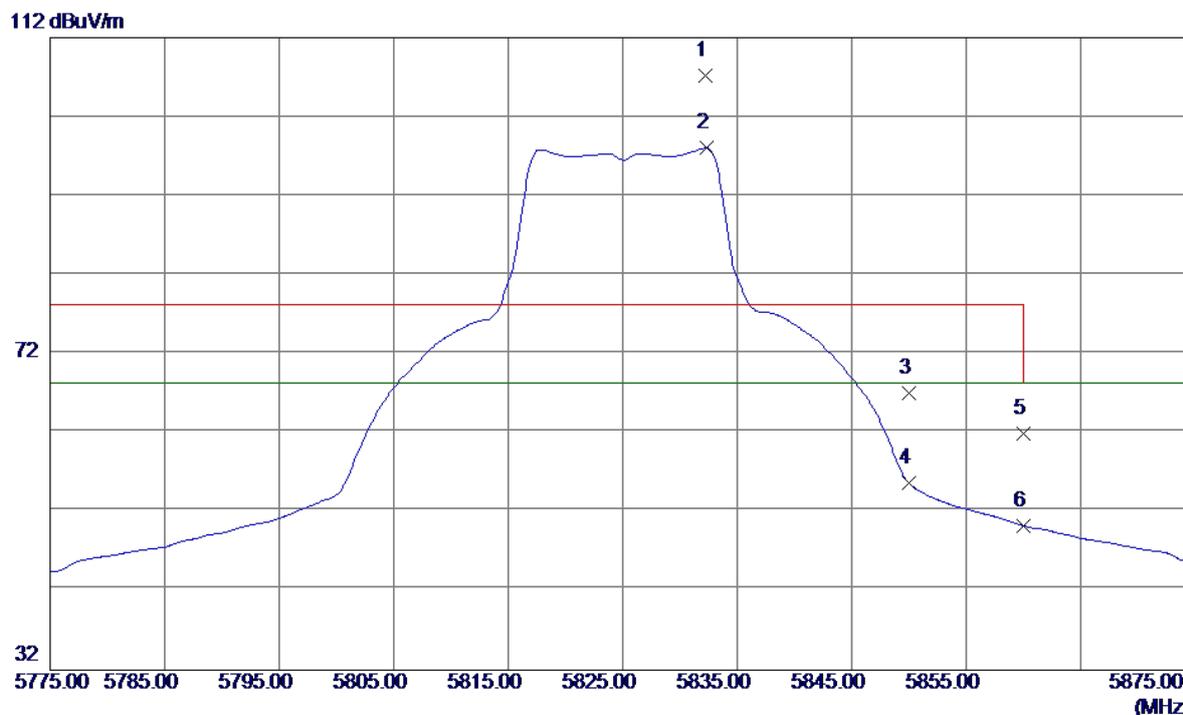
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.1300	40.08	17.17	57.25	68.30	-11.05	Peak	
2	11650.1300	28.89	17.17	46.06	54.00	-7.94	AVG	

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

### Horizontal

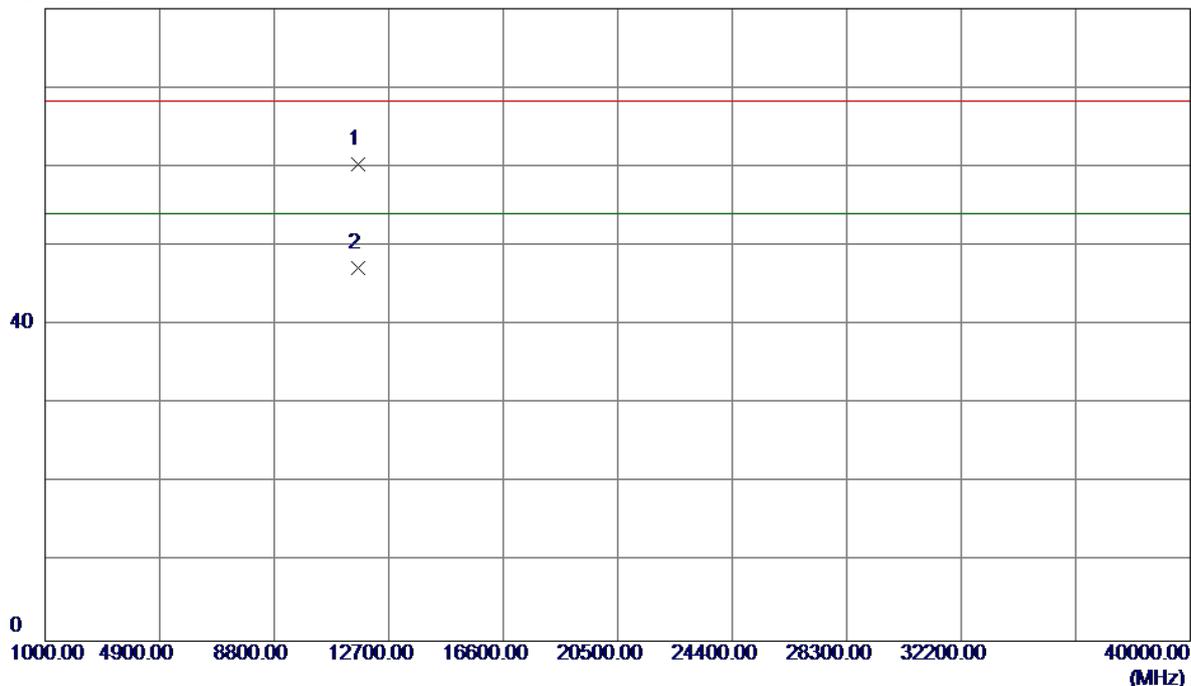


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5832.2000	65.72	41.41	107.13	78.30	28.83	Peak	No Limit
2	5832.3000	56.62	41.41	98.03	68.30	29.73	AVG	No Limit
3	5850.0000	25.66	41.44	67.10	78.30	-11.20	Peak	
4	5850.0000	14.22	41.44	55.66	68.30	-12.64	AVG	
5	5860.0000	20.42	41.45	61.87	78.30	-16.43	Peak	
6	5860.0000	8.82	41.45	50.27	68.30	-18.03	AVG	

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

### Horizontal

80 dBuV/m

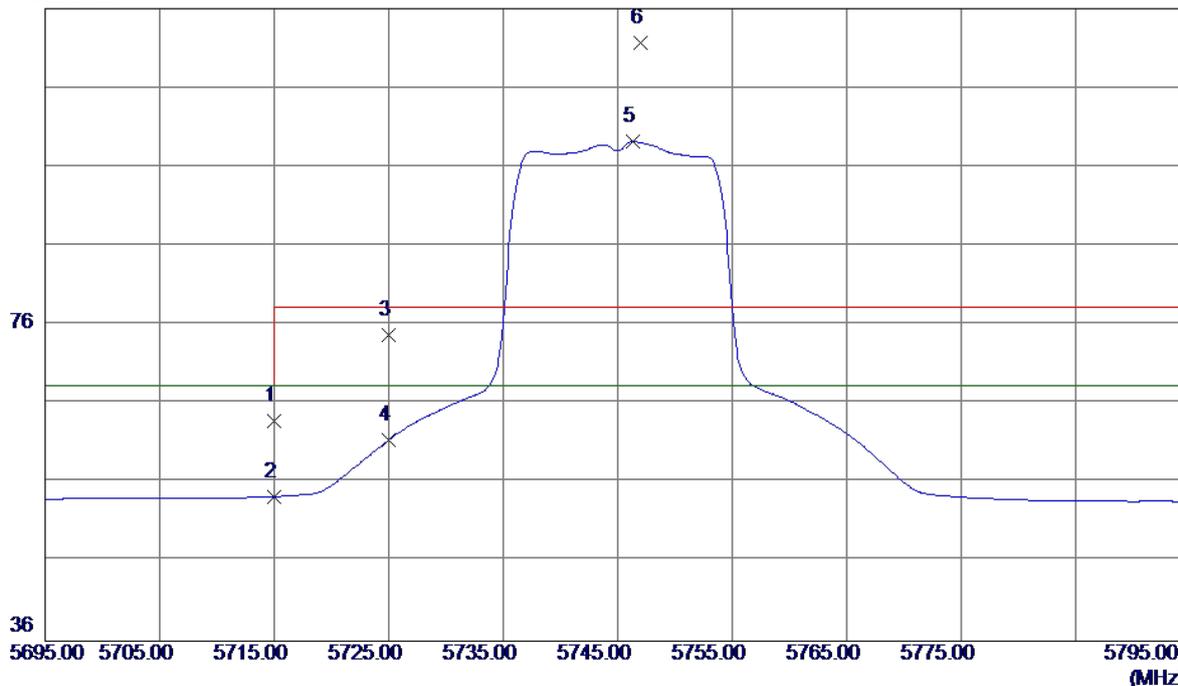


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.3660	43.17	17.17	60.34	68.30	-7.96	Peak	
2	11650.6000	30.07	17.17	47.24	54.00	-6.76	AVG	

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

### Vertical

116 dBuV/m

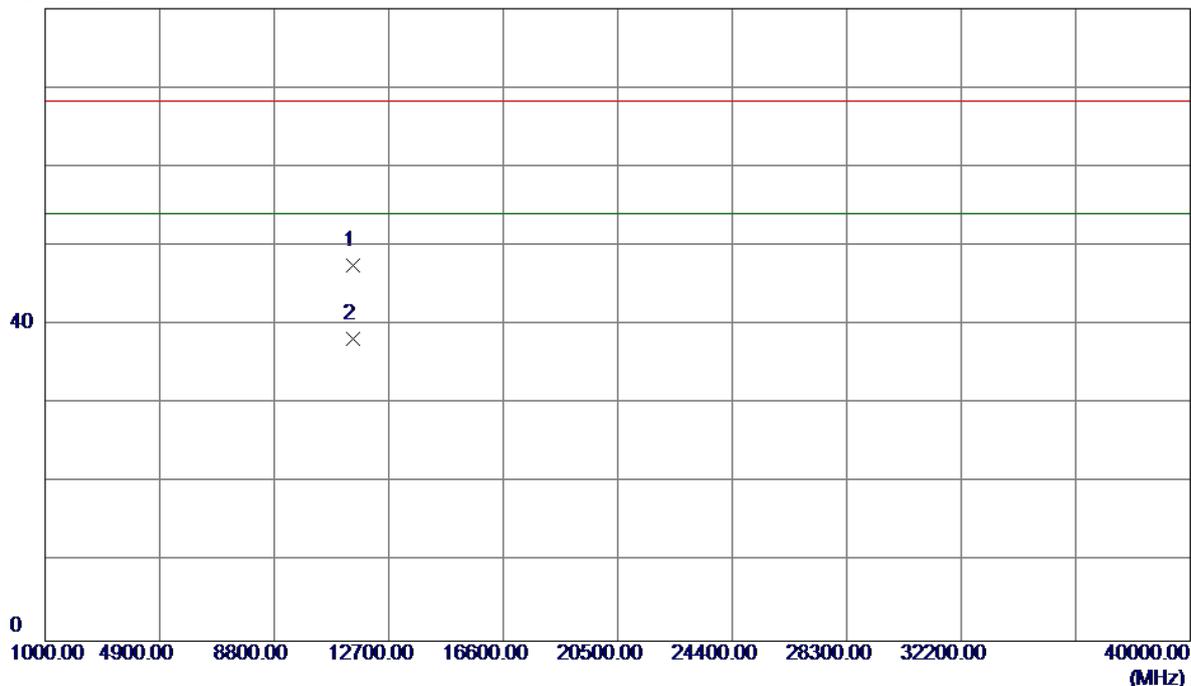


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	22.62	41.25	63.87	68.30	-4.43	Peak	
2	5715.0000	13.00	41.25	54.25	68.30	-14.05	AVG	
3	5725.0000	33.51	41.27	74.78	78.30	-3.52	Peak	
4	5725.0000	20.14	41.27	61.41	68.30	-6.89	AVG	
5	5746.3000	57.88	41.29	99.17	68.30	30.87	AVG	No Limit
6	5747.0000	70.31	41.30	111.61	78.30	33.31	Peak	No Limit

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

### Vertical

80 dBuV/m

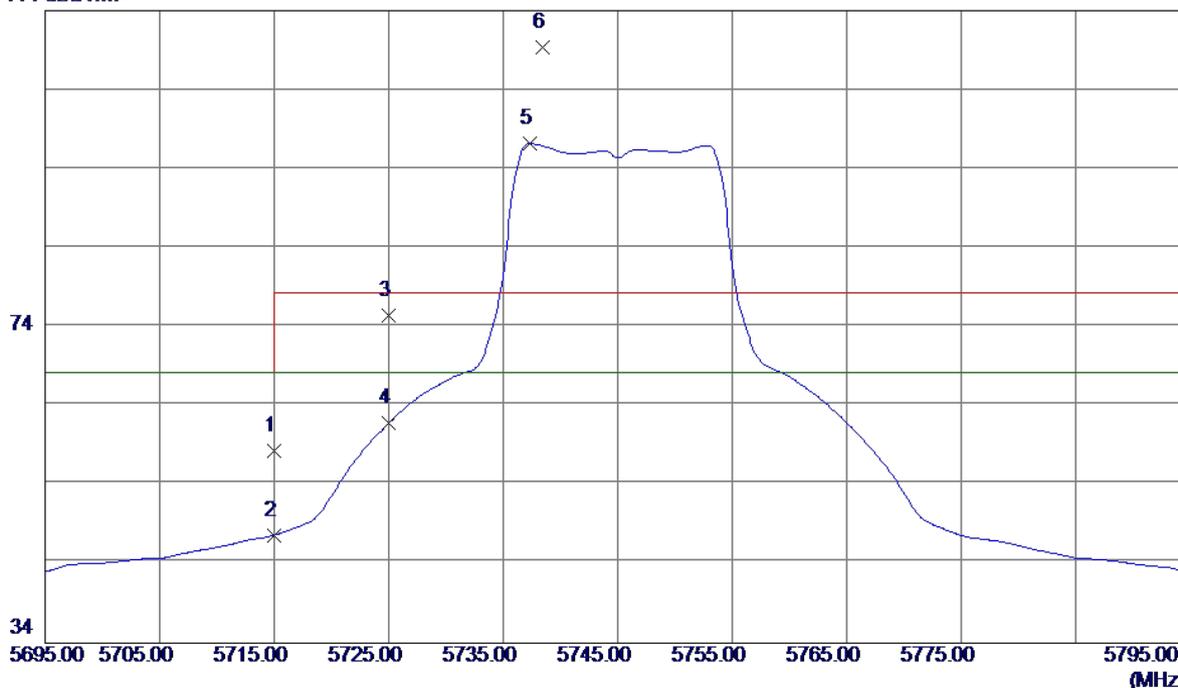


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.1300	30.65	16.91	47.56	68.30	-20.74	Peak	
2	11490.1300	21.26	16.91	38.17	54.00	-15.83	AVG	

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

### Horizontal

114 dBuV/m

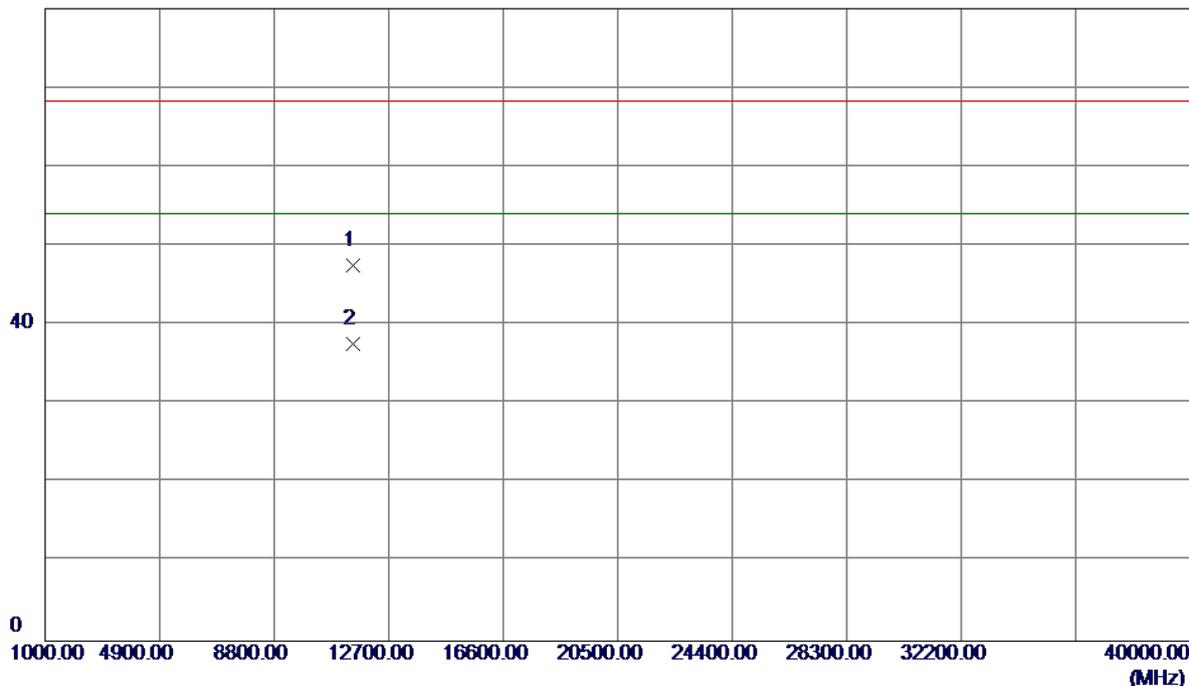


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	17.12	41.25	58.37	68.30	-9.93	Peak	
2	5715.0000	6.41	41.25	47.66	68.30	-20.64	AVG	
3	5725.0000	34.21	41.27	75.48	78.30	-2.82	Peak	
4	5725.0000	20.53	41.27	61.80	68.30	-6.50	AVG	
5	5737.3000	55.90	41.28	97.18	68.30	28.88	AVG	No Limit
6	5738.4000	68.05	41.28	109.33	78.30	31.03	Peak	No Limit

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

### Horizontal

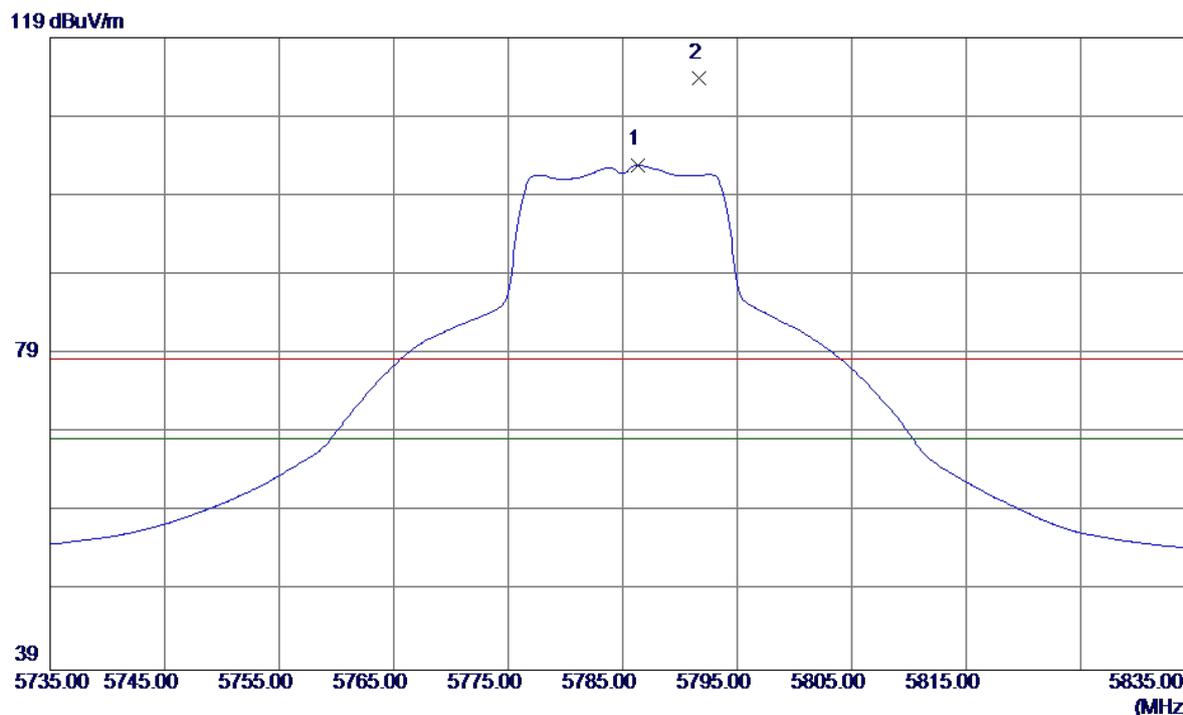
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.7720	30.54	16.91	47.45	68.30	-20.85	Peak	
2	11490.3450	20.64	16.91	37.55	54.00	-16.45	AVG	

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

### Vertical

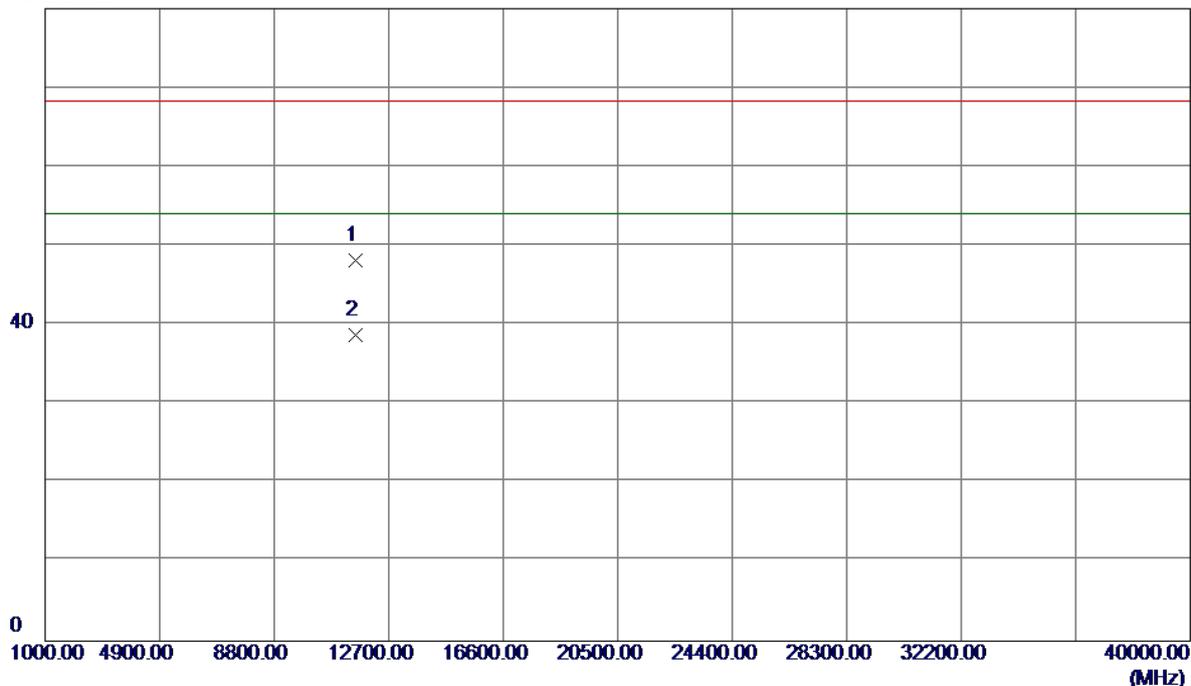


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5786.3000	61.57	41.35	102.92	68.30	34.62	AVG	No Limit
2	5791.7000	72.46	41.36	113.82	78.30	35.52	Peak	No Limit

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

### Vertical

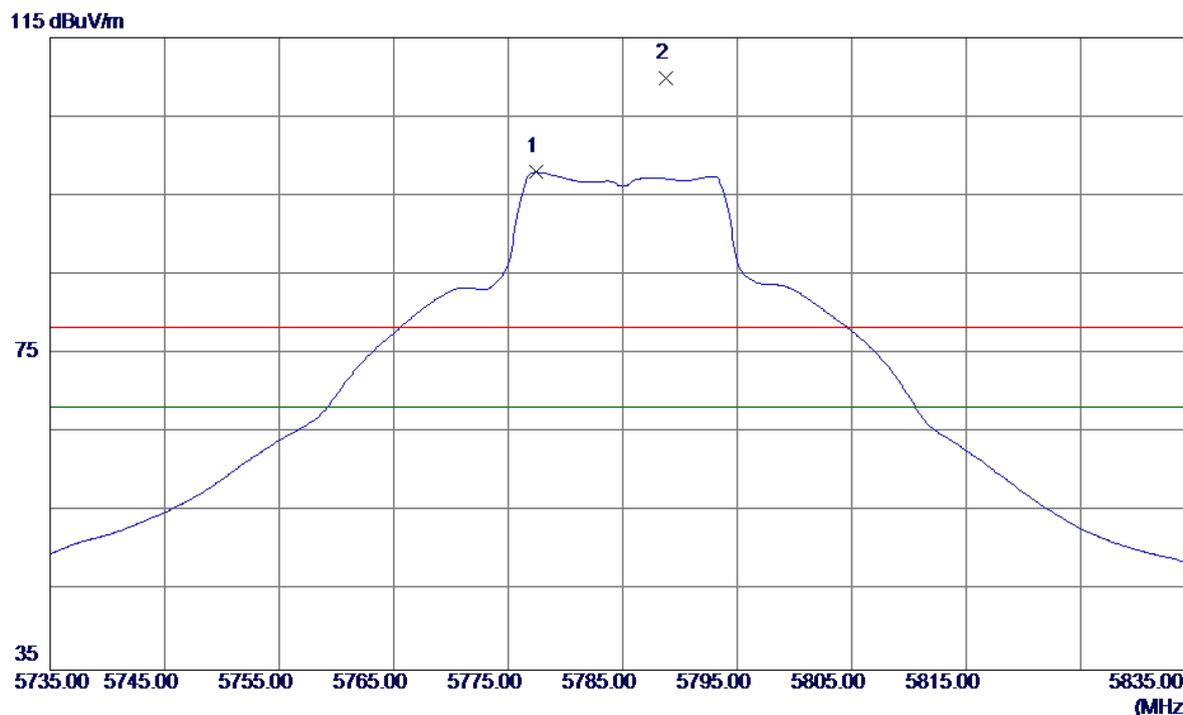
80 dBuV/m



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

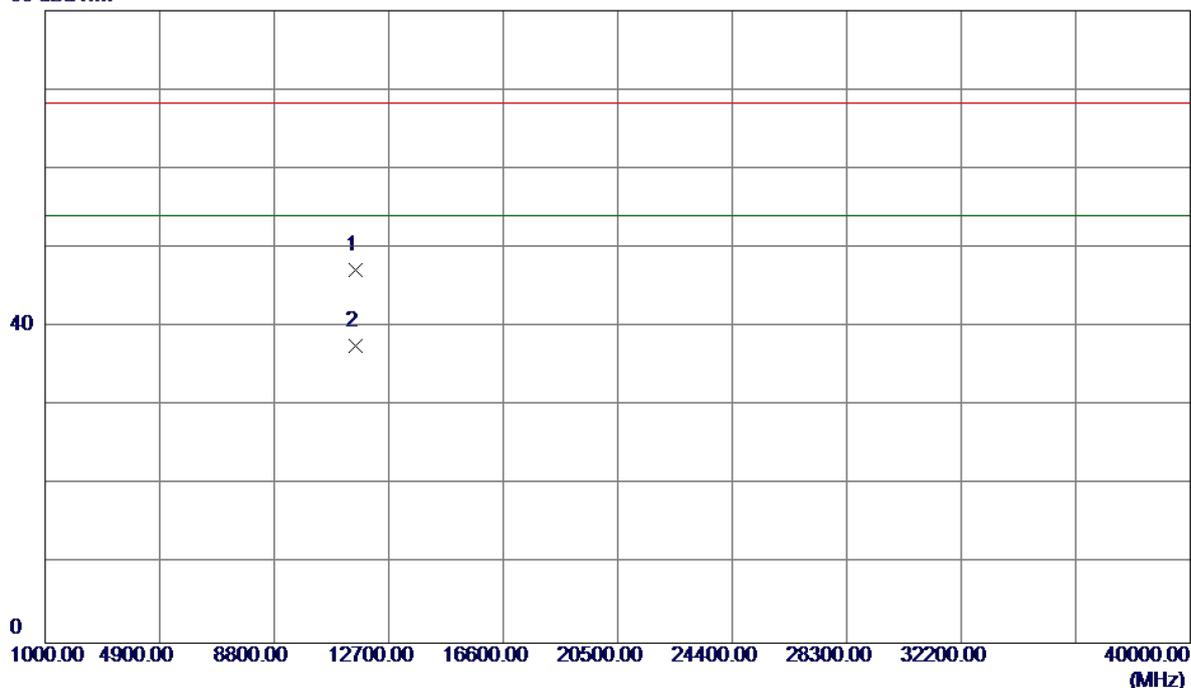


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5777.4000	56.63	41.34	97.97	68.30	29.67	AVG	No Limit
2	5788.8000	68.49	41.35	109.84	78.30	31.54	Peak	No Limit

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

### Horizontal

80 dBuV/m

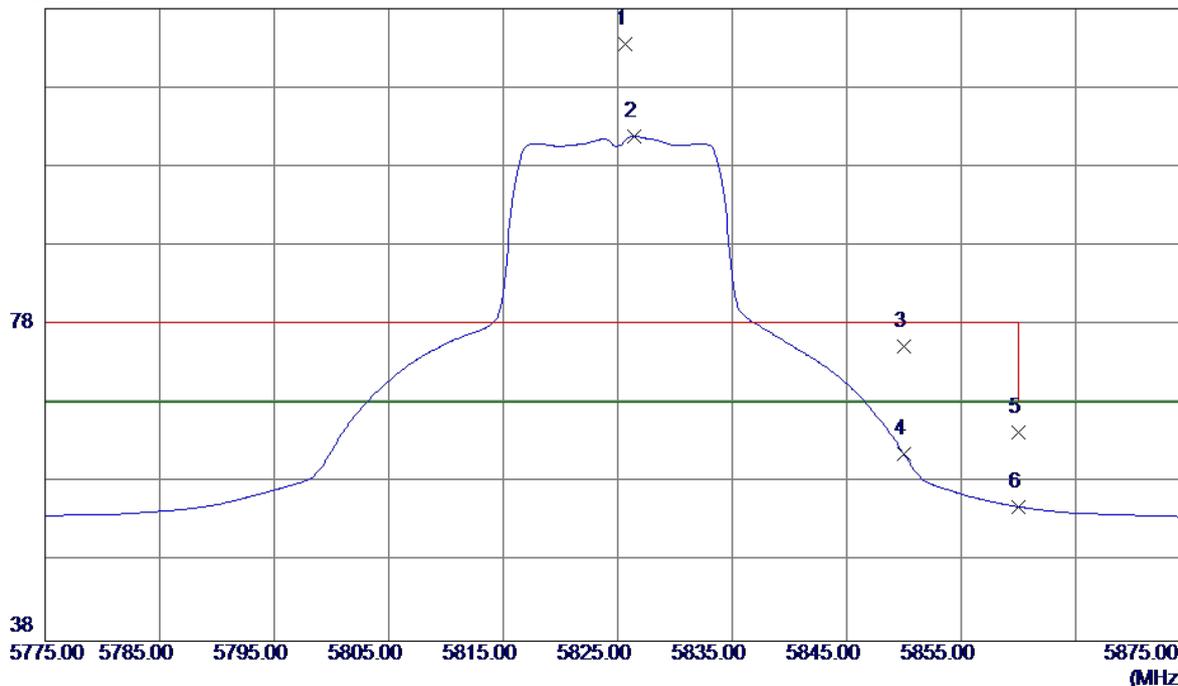


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.1800	30.13	17.05	47.18	68.30	-21.12	Peak	
2	11570.1800	20.61	17.05	37.66	54.00	-16.34	AVG	

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

### Vertical

118 dBuV/m

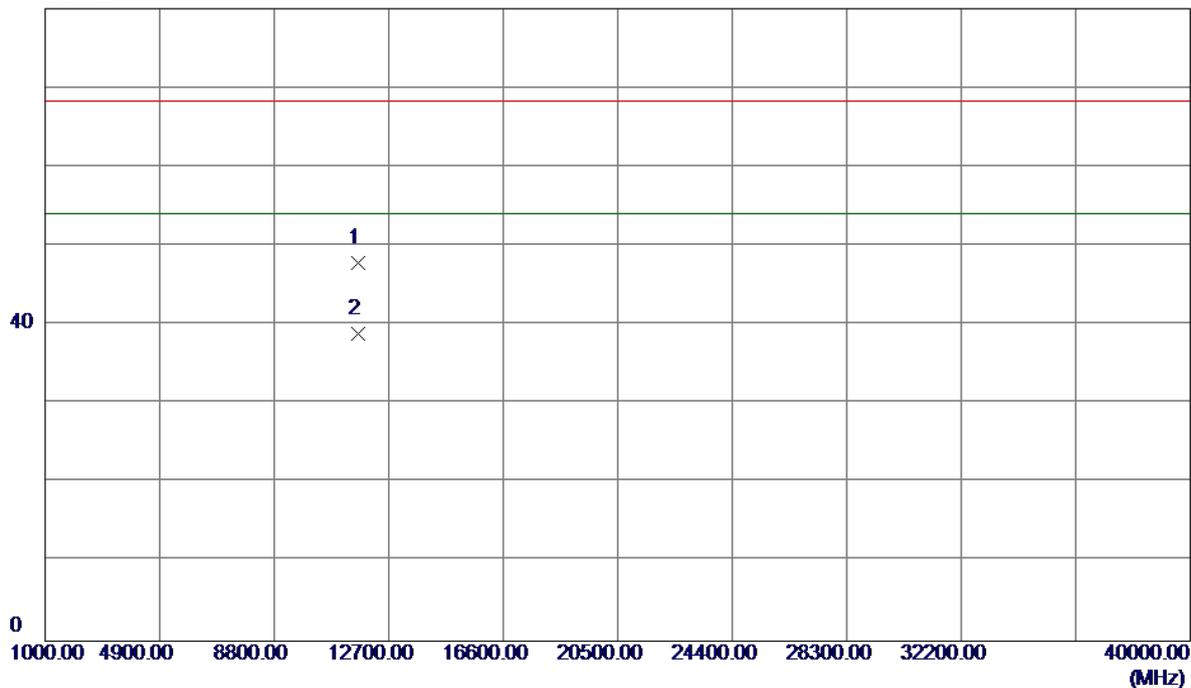


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5825.7000	72.07	41.40	113.47	78.30	35.17	Peak	No Limit
2	5826.4000	60.47	41.40	101.87	68.30	33.57	AVG	No Limit
3	5850.0000	33.84	41.44	75.28	78.30	-3.02	Peak	
4	5850.0000	20.22	41.44	61.66	68.30	-6.64	AVG	
5	5860.0000	23.00	41.45	64.45	78.30	-13.85	Peak	
6	5860.0000	13.55	41.45	55.00	68.30	-13.30	AVG	

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

### Vertical

80 dBuV/m

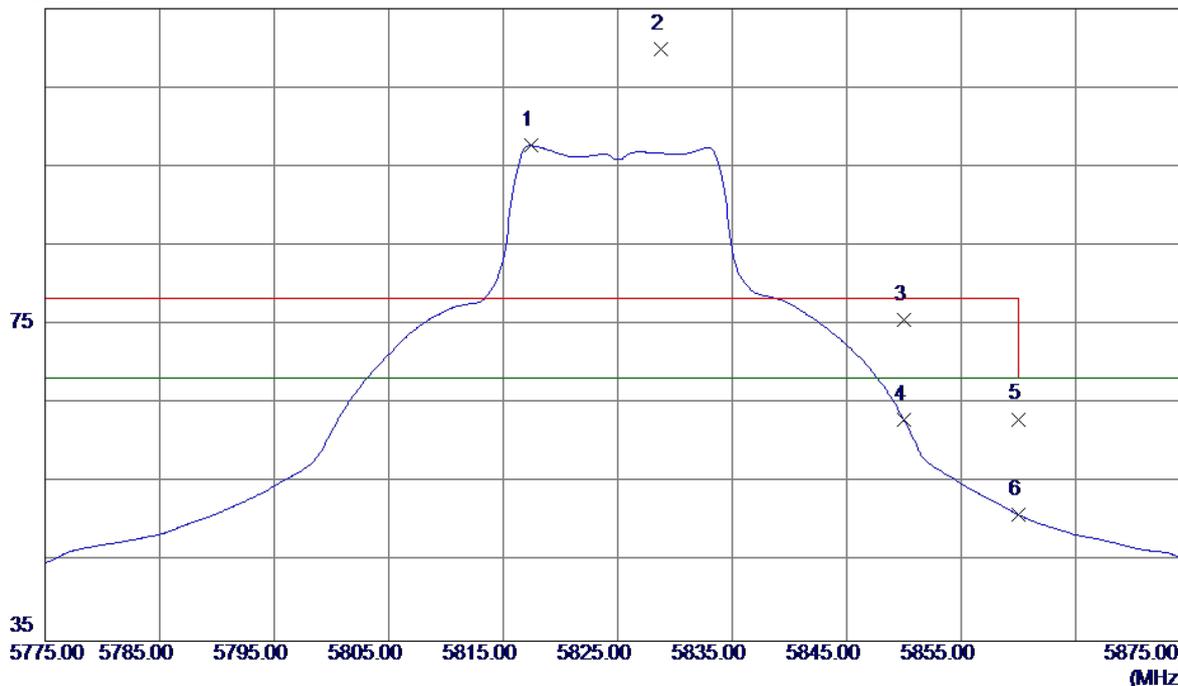


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.1800	30.69	17.17	47.86	68.30	-20.44	Peak	
2	11650.1800	21.77	17.17	38.94	54.00	-15.06	AVG	

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

### Horizontal

115 dBuV/m

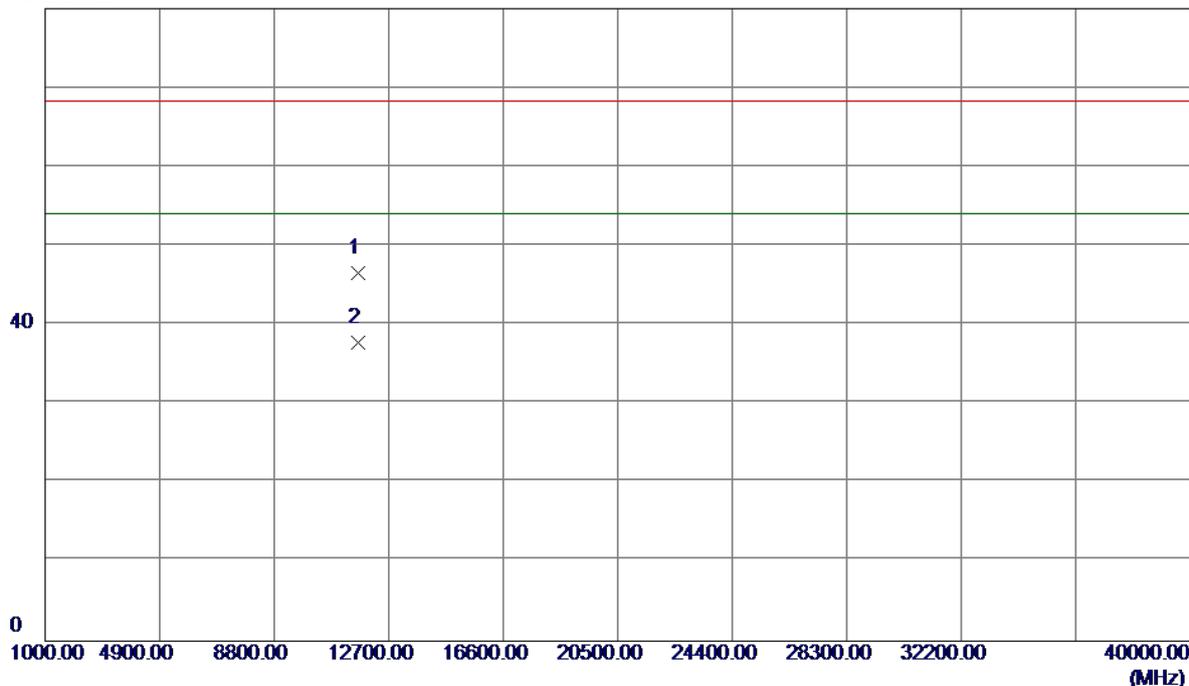


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5817.4000	56.29	41.39	97.68	68.30	29.38	AVG	No Limit
2	5828.8000	68.42	41.41	109.83	78.30	31.53	Peak	No Limit
3	5850.0000	34.16	41.44	75.60	78.30	-2.70	Peak	
4	5850.0000	21.59	41.44	63.03	68.30	-5.27	AVG	
5	5860.0000	21.63	41.45	63.08	78.30	-15.22	Peak	
6	5860.0000	9.55	41.45	51.00	68.30	-17.30	AVG	

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

### Horizontal

80 dBuV/m

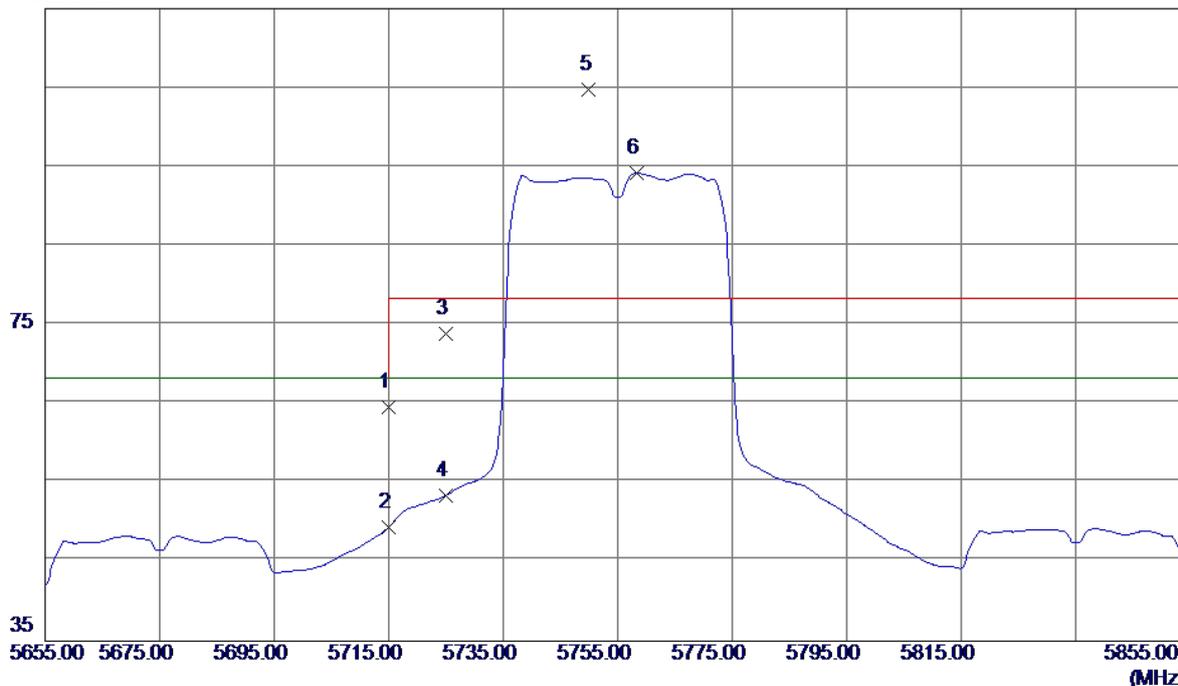


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11650.1140	29.37	17.17	46.54	68.30	-21.76	Peak	
2	11650.4720	20.67	17.17	37.84	54.00	-16.16	AVG	

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

### Vertical

115 dBuV/m

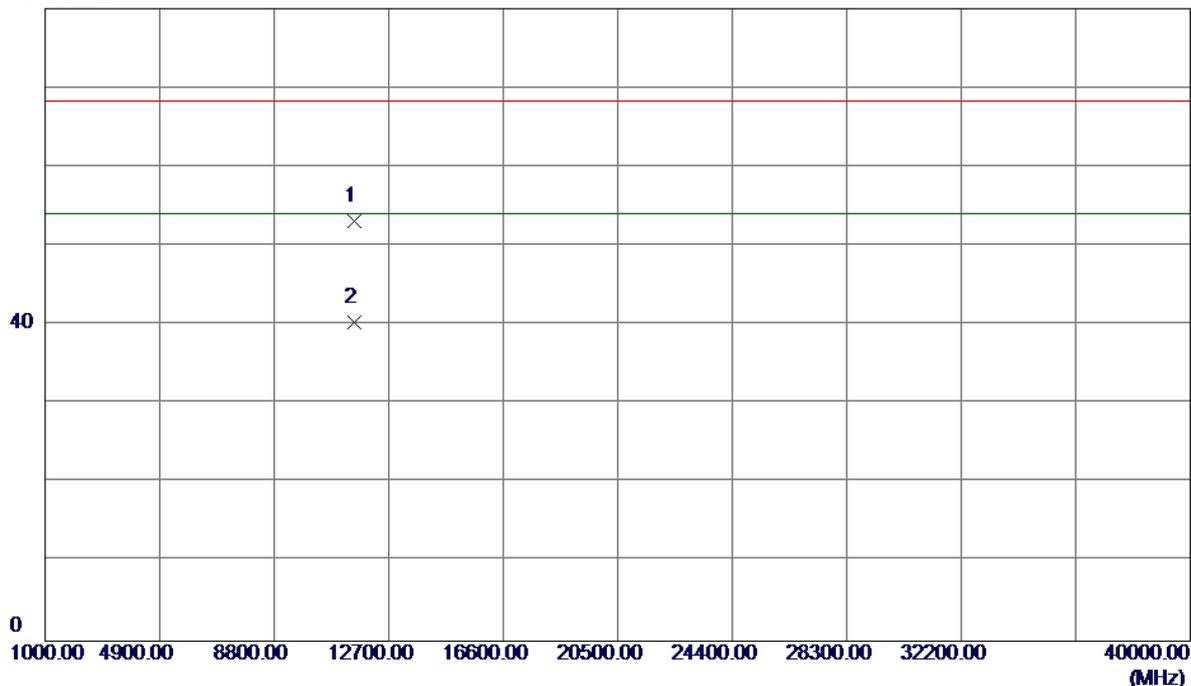


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	23.28	41.25	64.53	68.30	-3.77	Peak	
2	5715.0000	8.13	41.25	49.38	68.30	-18.92	AVG	
3	5725.0000	32.62	41.27	73.89	78.30	-4.41	Peak	
4	5725.0000	12.19	41.27	53.46	68.30	-14.84	AVG	
5	5750.0000	63.54	41.30	104.84	78.30	26.54	Peak	No Limit
6	5758.4000	52.91	41.31	94.22	68.30	25.92	AVG	No Limit

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

### Vertical

80 dBuV/m

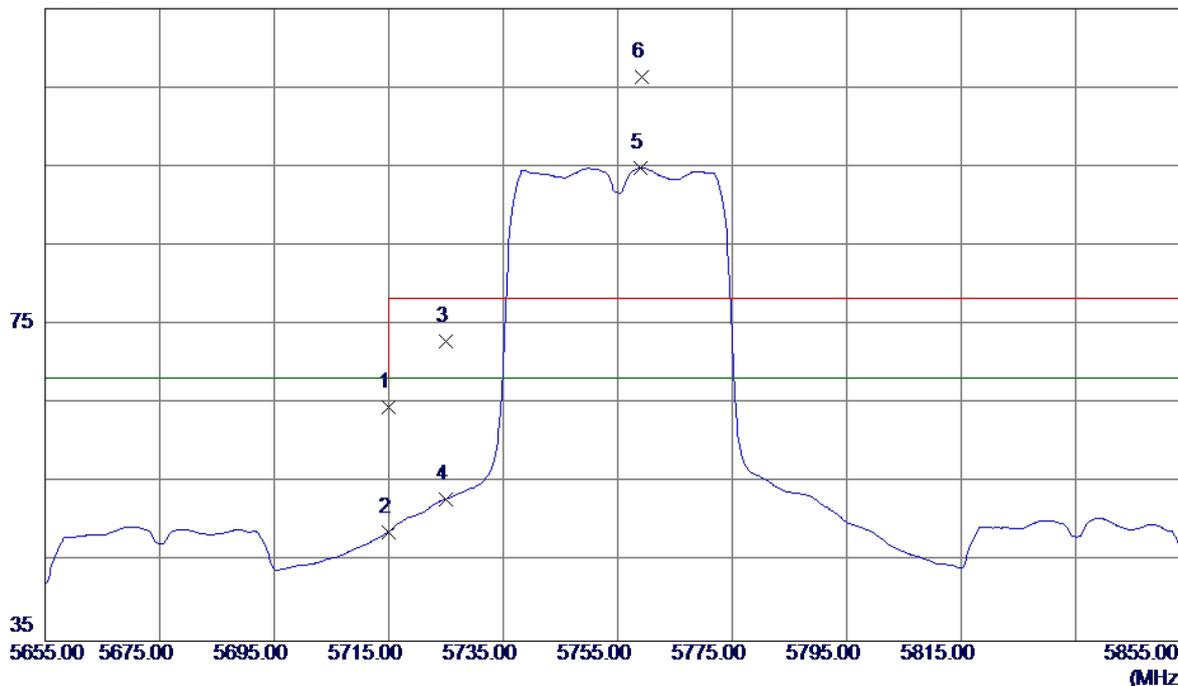


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.4200	36.24	16.95	53.19	68.30	-15.11	Peak	
2	11510.4200	23.30	16.95	40.25	54.00	-13.75	AVG	

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

### Horizontal

115 dBuV/m

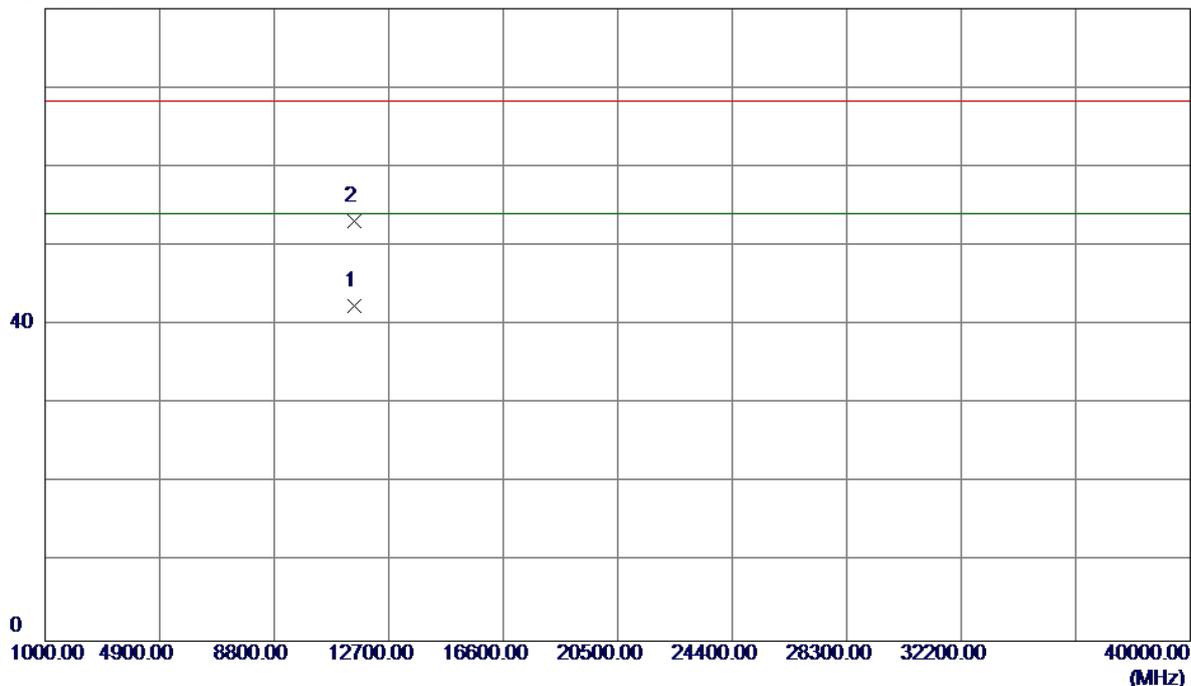


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	23.34	41.25	64.59	68.30	-3.71	Peak	
2	5715.0000	7.56	41.25	48.81	68.30	-19.49	AVG	
3	5725.0000	31.64	41.27	72.91	78.30	-5.39	Peak	
4	5725.0000	11.72	41.27	52.99	68.30	-15.31	AVG	
5	5759.0000	53.53	41.31	94.84	68.30	26.54	AVG	No Limit
6	5759.2000	65.10	41.31	106.41	78.30	28.11	Peak	No Limit

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

### Horizontal

80 dBuV/m

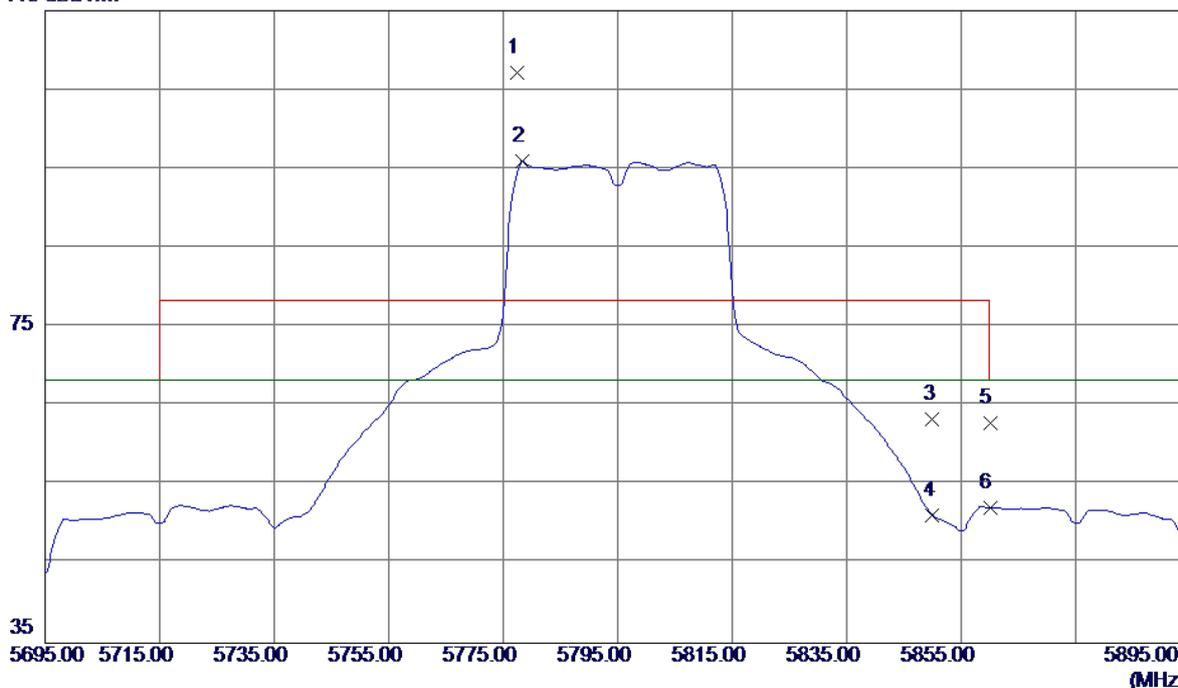


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.4500	25.51	16.95	42.46	54.00	-11.54	AVG	
2	11510.6300	36.23	16.95	53.18	68.30	-15.12	Peak	

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

### Vertical

115 dBuV/m

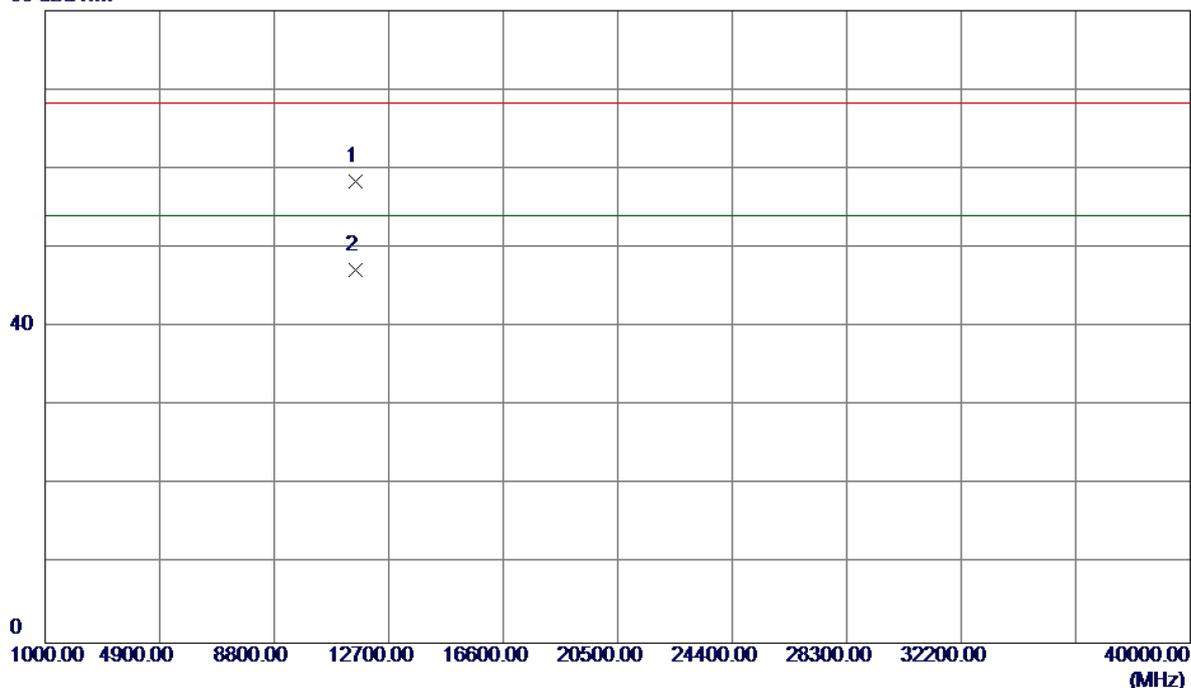


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5777.4000	65.90	41.34	107.24	78.30	28.94	Peak	No Limit
2	5778.4000	54.59	41.34	95.93	68.30	27.63	AVG	No Limit
3	5850.0000	21.82	41.44	63.26	78.30	-15.04	Peak	
4	5850.0000	9.77	41.44	51.21	68.30	-17.09	AVG	
5	5860.0000	21.45	41.45	62.90	78.30	-15.40	Peak	
6	5860.0000	10.67	41.45	52.12	68.30	-16.18	AVG	

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

### Vertical

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.1300	41.25	17.08	58.33	68.30	-9.97	Peak	
2	11590.1400	30.16	17.08	47.24	54.00	-6.76	AVG	