

# FCC Radio Test Report

## FCC ID: ACJ-TNPA6600

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

**Project No.** : 1710C249  
**Equipment** : Wireless LAN MODULE  
**Model Name** : TNPA6600  
**Applicant** : Panasonic Corporation of North America  
**Address** : Two Riverfront Plaza, 9th Floor Newark New Jersey  
United States

**Date of Receipt** : Oct. 25, 2017  
**Date of Test** : Oct. 25, 2017 ~ Nov. 21, 2017  
**Issued Date** : Nov. 22, 2017  
**Tested by** : BTL Inc.

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### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1710C249	Original Issue.	Nov. 22, 2017

## 1. CERTIFICATION

Equipment : Wireless LAN MODULE  
Brand Name : Panasonic  
Model Name : TNPA6600  
Applicant : Panasonic Corporation  
Manufacturer : Panasonic Corporation  
Address : 1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan  
Factory : China Hualu Panasonic AVC Networks Co.,Ltd  
Address : No.01 Hua Road,Qixianling,High Technology Zone,Dalian,Liaoning,China  
Date of Test : Oct. 25, 2017 ~ Nov. 21, 2017  
Test Sample : Engineering Sample  
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1710C249) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

**NOTE:**

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

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

## 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	1.94

### B. Radiated Measurement:

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

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



### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN MODULE	
Brand Name	Panasonic	
Model Name	TNPA6600	
Model Difference	NA	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	866.7Mbps
	Output Power (Max.)for UNII-1 (2TX)	802.11a: 18.83dBm 802.11n (20M): 18.94dBm 802.11n (40M): 18.45dBm 802.11ac (20M): 18.97dBm 802.11ac (40M): 19.27dBm 802.11ac (80M): 19.21dBm
	Output Power (Max.)for UNII-2A (2TX)	802.11a: 18.73dBm 802.11n (20M): 18.98dBm 802.11n (40M): 18.63dBm 802.11ac (20M): 18.86dBm 802.11ac (40M): 19.27dBm 802.11ac (80M): 17.23dBm
	Output Power (Max.)for UNII-2C (2TX)	802.11a: 18.75dBm 802.11n (20M): 18.84dBm 802.11n (40M): 18.91dBm 802.11ac (20M): 18.91dBm 802.11ac (40M): 19.35dBm 802.11ac (80M): 19.39dBm
	Output Power (Max.)for UNII-3 (2TX)	802.11a: 18.83dBm 802.11n (20M): 18.73dBm 802.11n (40M): 18.74dBm 802.11ac (20M): 18.76dBm 802.11ac (40M): 19.22dBm 802.11ac (80M): 19.33dBm
Power Source	Supplied from USB port.	
Power Rating	DC 5V	

Note:

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

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

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

UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	PCB	N/A	-1.4	N/A
2	N/A	N/A	PCB	N/A	-2.67	N/A

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

4.

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

ANT 1 for 1TX was found to be the worst case and recorded

### 3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 25	TX Mode

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

**Note:**

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

### 3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5180	5200	5240
A Mode	17	17	16
Frequency (MHz)	5180	5200	5240
N20 Mode	17	16	16
Frequency (MHz)	5190	5230	
N40 Mode	16	16	

UNII-1			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5180	5200	5240
AC20 Mode	17	17	17
Frequency (MHz)	5190	5230	
AC40 Mode	17	16	
Frequency (MHz)	5210		
AC80 Mode	1A		

UNII-2A			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5260	5300	5320
A Mode	17	17	16
Frequency (MHz)	5260	5300	5320
N20 Mode	17	17	17
Frequency (MHz)	5270	5310	
N40 Mode	17	16	

UNII-2A			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5260	5300	5320
AC20 Mode	17	17	17
Frequency (MHz)	5270	5310	
AC40 Mode	16	16	
Frequency (MHz)	5290		
AC80 Mode	17		

UNII-2C			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5500	5580	5700
A Mode	16	15	17
Frequency (MHz)	5500	5580	5700
N20 Mode	16	15	17
Frequency (MHz)	5510	5550	5670
N40 Mode	13	16	16

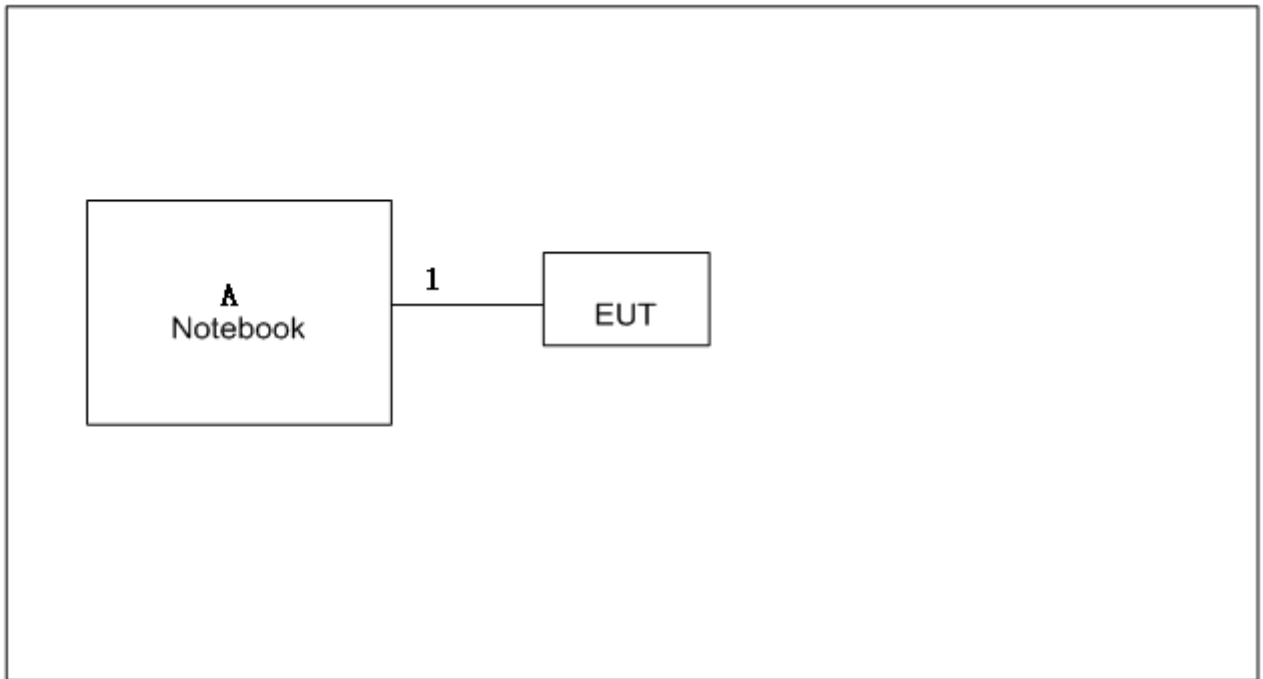
UNII-3			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5745	5785	5825
A Mode	19	19	1A
Frequency (MHz)	5745	5785	5825
N20 Mode	17	18	18
Frequency (MHz)	5755	5795	
N40 Mode	17	17	

UNII-2C			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5500	5580	5700
AC20 Mode	16	16	17
Frequency (MHz)	5510	5550	5670
AC40 Mode	16	16	16
Frequency□(MHz)	5530	5610	
AC80 Mode	12	1A	

UNII-3			
Test Software Version	QATool_Dbg		
Frequency (MHz)	5745	5785	5825
AC20 Mode	17	17	18
Frequency (MHz)	5755	5795	
AC40 Mode	17	17	
Frequency (MHz)	5775		
AC80 Mode	1B		



**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	INSPIRON 1420	DOC	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	0.2m	USB Cable

## 4. EMC EMISSION TEST

### 4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

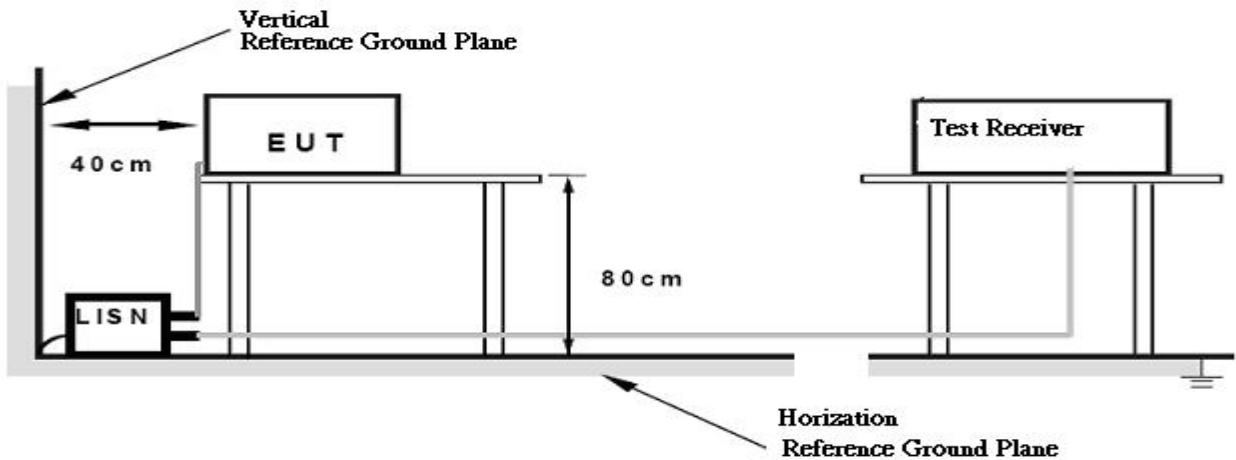
#### 4.1.2 TEST PROCEDURE

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

#### 4.1.3 DEVIATION FROM TEST STANDARD

No deviation

#### 4.1.4 TEST SETUP



#### 4.1.5 EUT OPERATING CONDITIONS

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

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

#### 4.1.6 EUT TEST CONDITIONS

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

#### 4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to

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

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

#### 4.2.2 TEST PROCEDURE

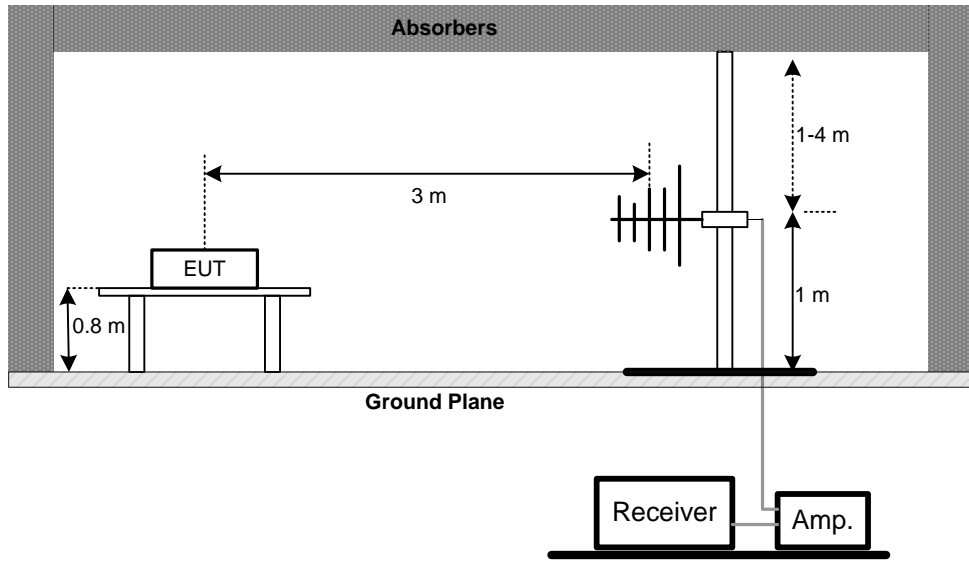
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

#### 4.2.3 DEVIATION FROM TEST STANDARD

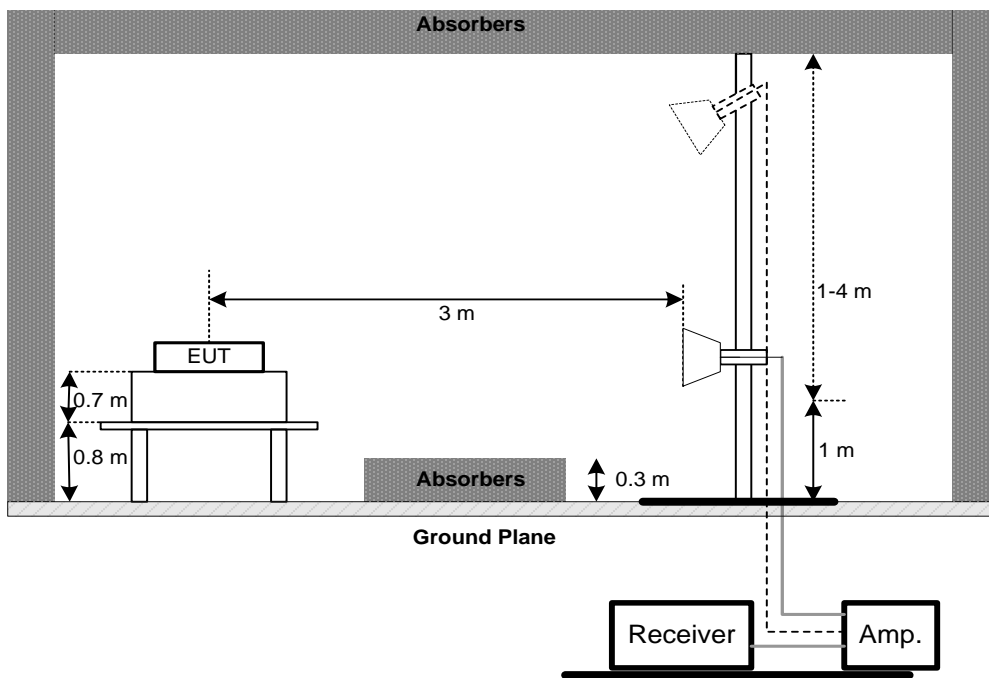
No deviation

**4.2.4 TEST SETUP**

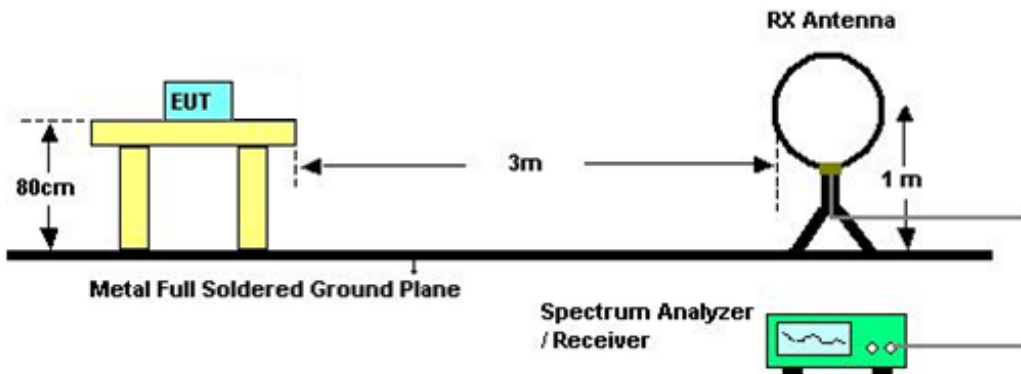
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



**4.2.5 EUT OPERATING CONDITIONS**

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

**4.2.6 EUT TEST CONDITIONS**

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

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

Please refer to the Appendix B

Remark:

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

**4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)**

Please refer to the Appendix C.

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

Please refer to the Appendix D.

Remark:

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

## 5. 26dB SPECTRUM BANDWIDTH

### 5.1 APPLIED PROCEDURES / LIMIT

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

#### 5.1.1 TEST PROCEDURE

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

b.

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

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

#### 5.1.2 DEVIATION FROM STANDARD

No deviation.

#### 5.1.3 TEST SETUP



#### 5.1.4 EUT OPERATION CONDITIONS

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



### 5.1.5 EUT TEST CONDITIONS

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

### 5.1.6 TEST RESULTS

Please refer to the Appendix E.

## 6. MAXIMUM CONDUCTED OUTPUT POWER

### 6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	PASS
	1 Watt (30dBm)	5725-5850	PASS

Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)

#### 6.1.1 TEST PROCEDURE

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

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

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

### 6.1.2 DEVIATION FROM STANDARD

No deviation.

### 6.1.3 TEST SETUP



### 6.1.4 EUT OPERATION CONDITIONS

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

### 6.1.5 EUT TEST CONDITIONS

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

### 6.1.6 TEST RESULTS

Please refer to the Appendix F.

## 7. POWER SPECTRAL DENSITY TEST

### 7.1 APPLIED PROCEDURES / LIMIT

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

#### 8.1.1 TEST PROCEDURE

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

b.

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

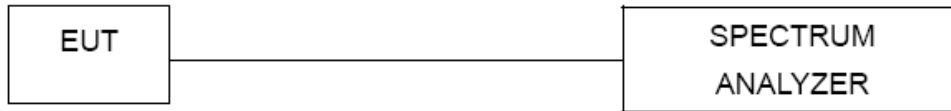
Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
- 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.

### 7.1.1 DEVIATION FROM STANDARD

No deviation.

### 7.1.2 TEST SETUP



### 7.1.3 EUT OPERATION CONDITIONS

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

### 7.1.4 EUT TEST CONDITIONS

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

### 7.1.5 TEST RESULTS

**Please refer to the Appendix H.**

## 8. FREQUENCY STABILITY MEASUREMENT

### 8.1 APPLIED PROCEDURES / LIMIT

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

#### 8.1.1 TEST PROCEDURE

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

b.

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

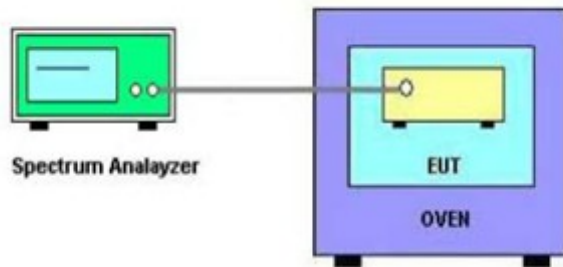
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~60°C.

#### 8.1.2 DEVIATION FROM STANDARD

No deviation.

### 8.1.3 TEST SETUP



### 8.1.4 EUT OPERATION CONDITIONS

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

### 8.1.5 EUT TEST CONDITIONS

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

### 8.1.6 TEST RESULTS

Please refer to the Appendix I.

## 9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Cable	N/A	RG223	12m	Oct. 19, 2018
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 05, 2018



Radiated Emission Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Antenna	EM	EM-6876-1	230	Mar. 06, 2018
7	Controller	CT	SC100	N/A	N/A
8	Controller	MF	MF-7802	MF780208416	N/A
9	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
10	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	FSP40	100185	Sep. 03, 2018

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 26, 2018
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 26, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 03, 2018

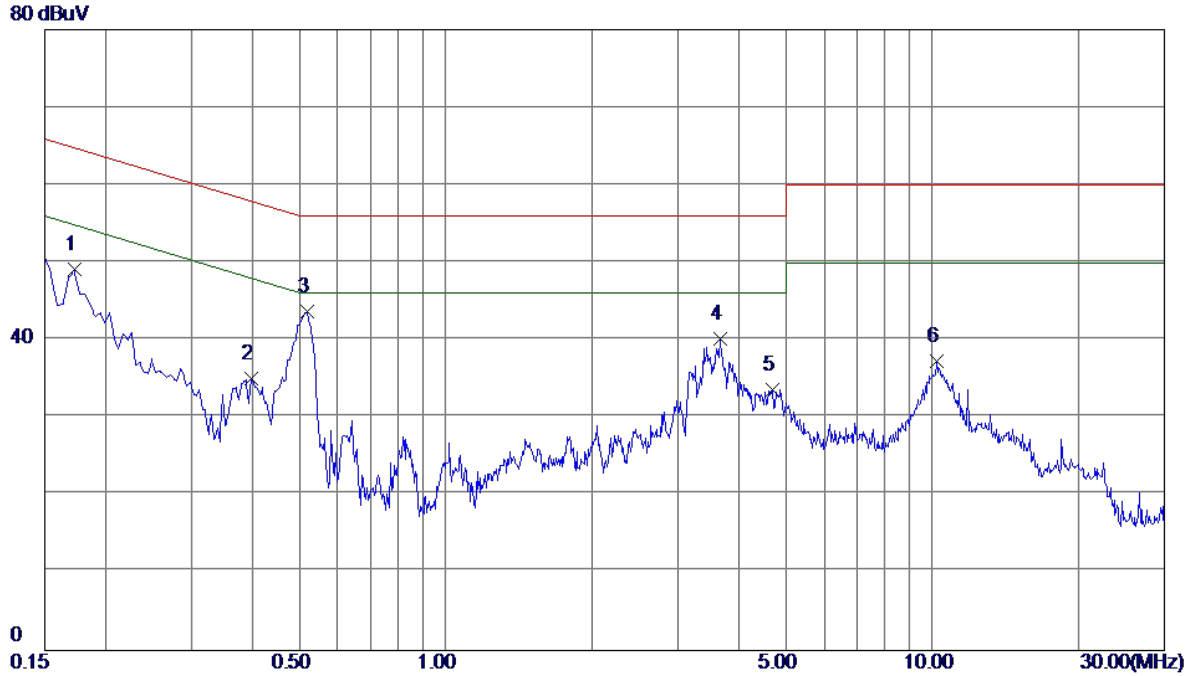
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 03, 2018
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 26, 2018

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

## APPENDIX A - CONDUCTED EMISSION

Test Mode: TX MODE

### Line

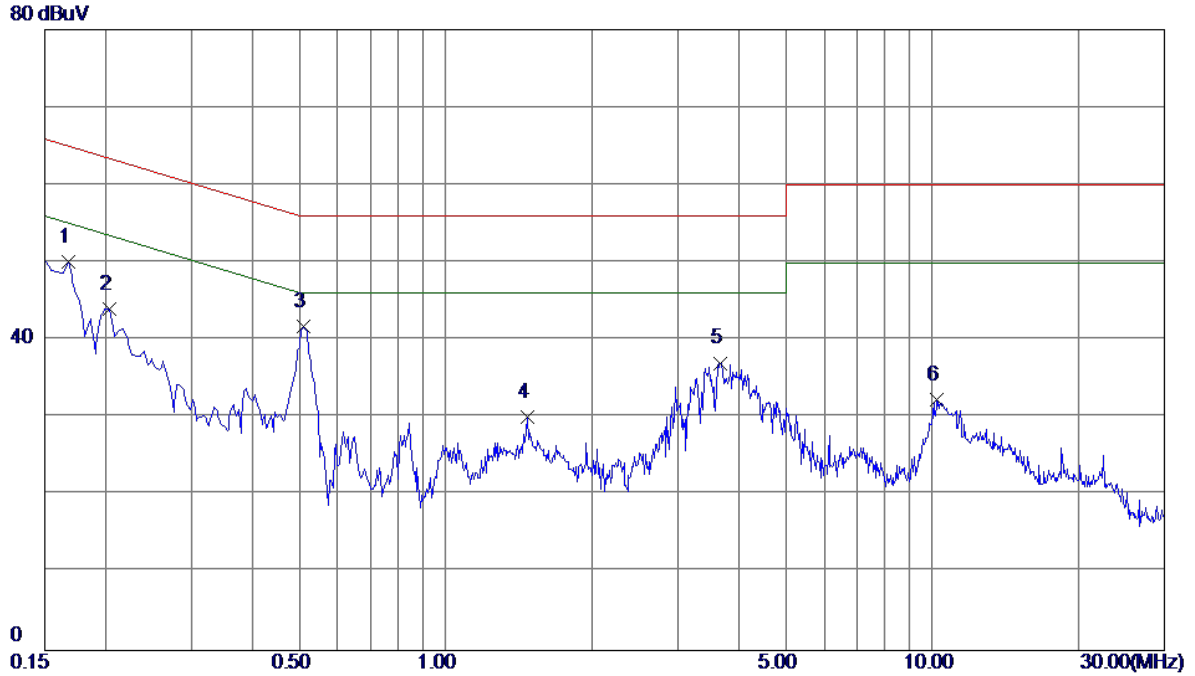


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1725	39.32	9.74	49.06	64.84	-15.78	Peak	
2	0.3975	25.26	9.75	35.01	57.91	-22.90	Peak	
3 *	0.5190	34.00	9.76	43.76	56.00	-12.24	Peak	
4	3.6600	30.27	9.86	40.13	56.00	-15.87	Peak	
5	4.6860	23.75	9.88	33.63	56.00	-22.37	Peak	
6	10.2345	27.21	10.05	37.26	60.00	-22.74	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

**Neutral**



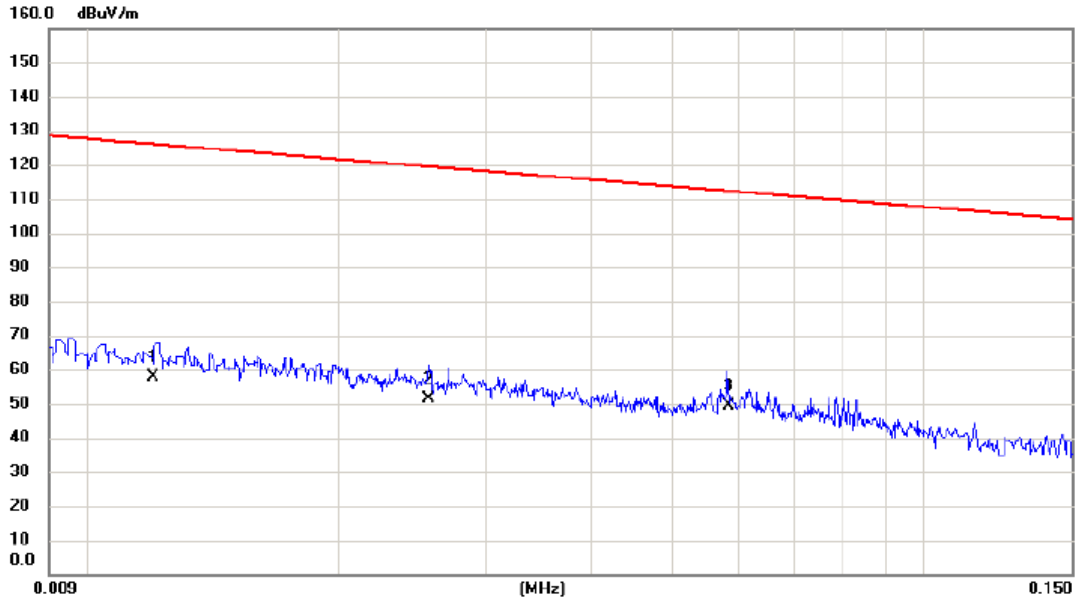
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1680	40.45	9.64	50.09	65.06	-14.97	Peak	
2	0.2040	34.36	9.65	44.01	63.45	-19.44	Peak	
3 *	0.5100	32.11	9.66	41.77	56.00	-14.23	Peak	
4	1.4685	20.39	9.69	30.08	56.00	-25.92	Peak	
5	3.6780	27.26	9.78	37.04	56.00	-18.96	Peak	
6	10.2435	22.37	10.00	32.37	60.00	-27.63	Peak	

Note : The test result has included the cable loss.

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

Test Mode: TX MODE

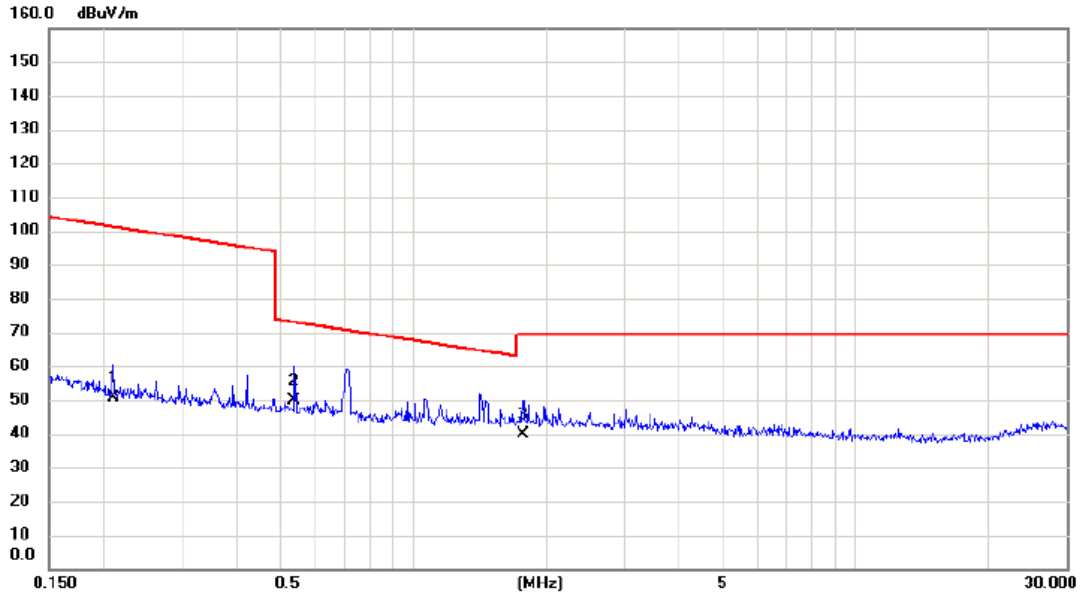
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0120	37.20	20.66	57.86	126.02	-68.16	AVG	
2		0.0256	32.02	19.45	51.47	119.44	-67.97	AVG	
3	*	0.0583	30.98	18.56	49.54	112.29	-62.75	AVG	

Test Mode: TX MODE

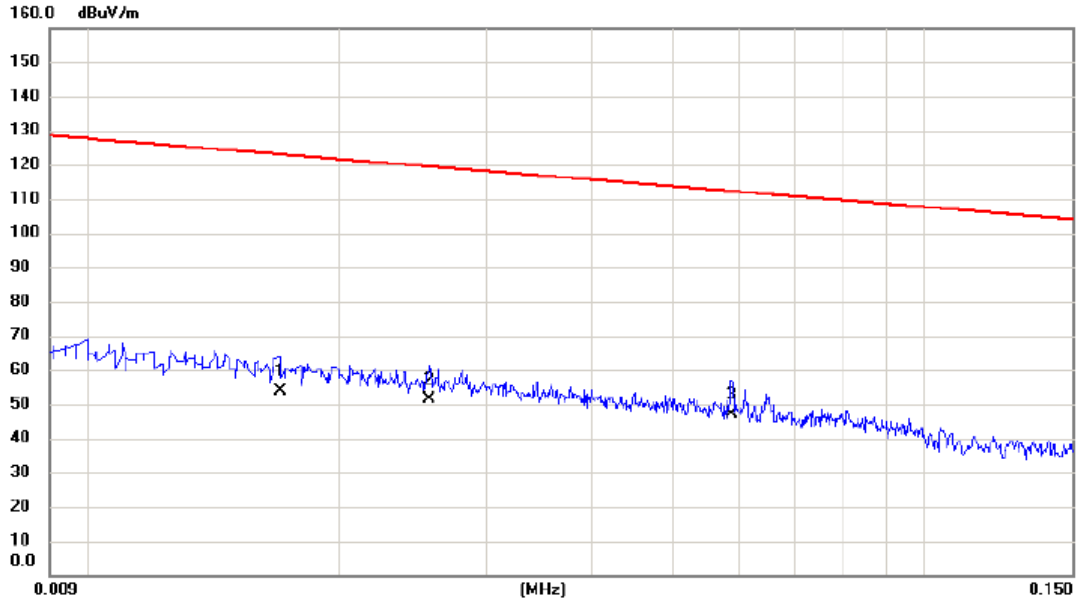
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2094	33.84	16.77	50.61	101.19	-50.58	AVG	
2	*	0.5378	33.30	16.42	49.72	72.99	-23.27	QP	
3		1.7716	24.39	15.60	39.99	69.54	-29.55	QP	

Test Mode: TX MODE

**Ant 90°**

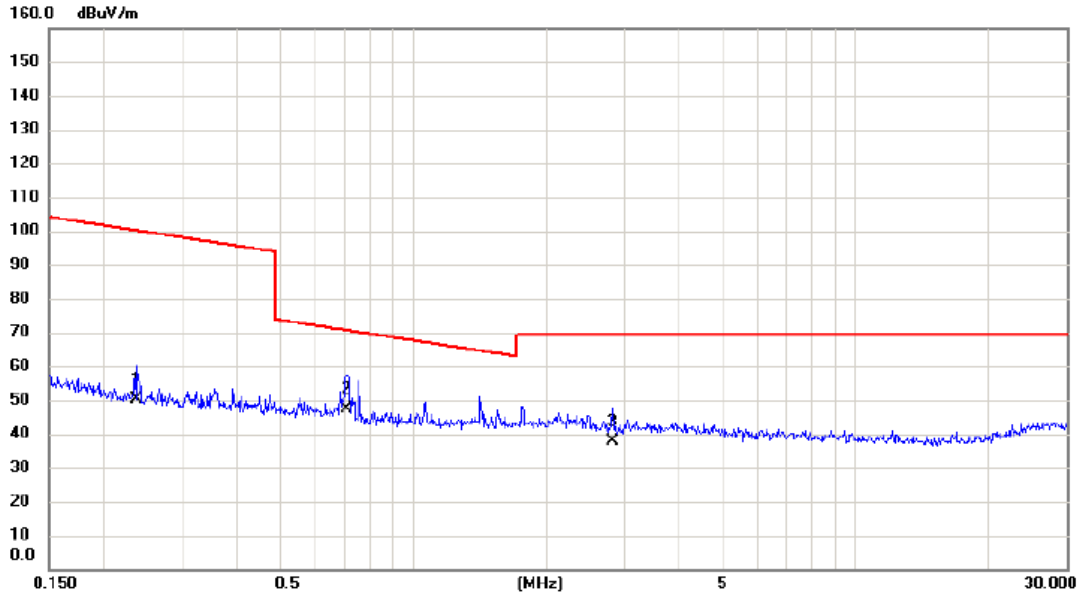


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.0170	33.71	20.01	53.72	123.00	-69.28	AVG	
2		0.0256	32.07	19.45	51.52	119.44	-67.92	AVG	
3	*	0.0588	28.50	18.55	47.05	112.22	-65.17	AVG	



Test Mode: TX MODE

Ant 90°



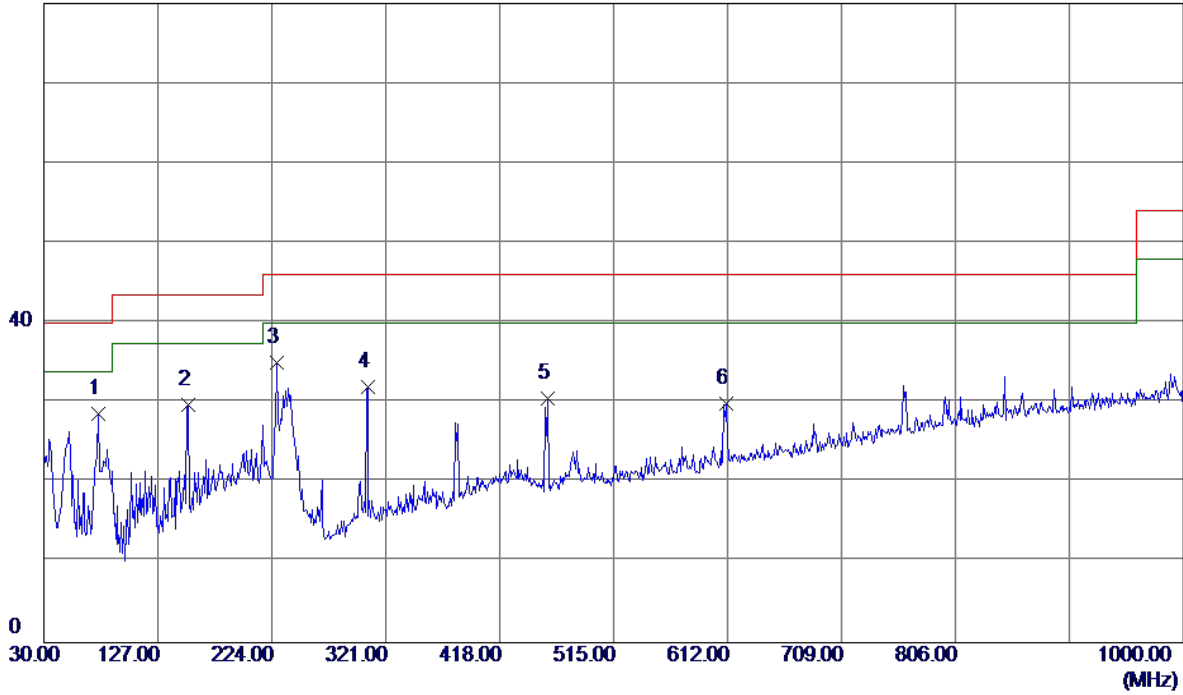
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2366	33.70	16.69	50.39	100.13	-49.74	AVG	
2	*	0.7084	31.08	16.23	47.31	70.60	-23.29	QP	
3		2.8240	22.64	15.28	37.92	69.54	-31.62	QP	

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

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

**Vertical**

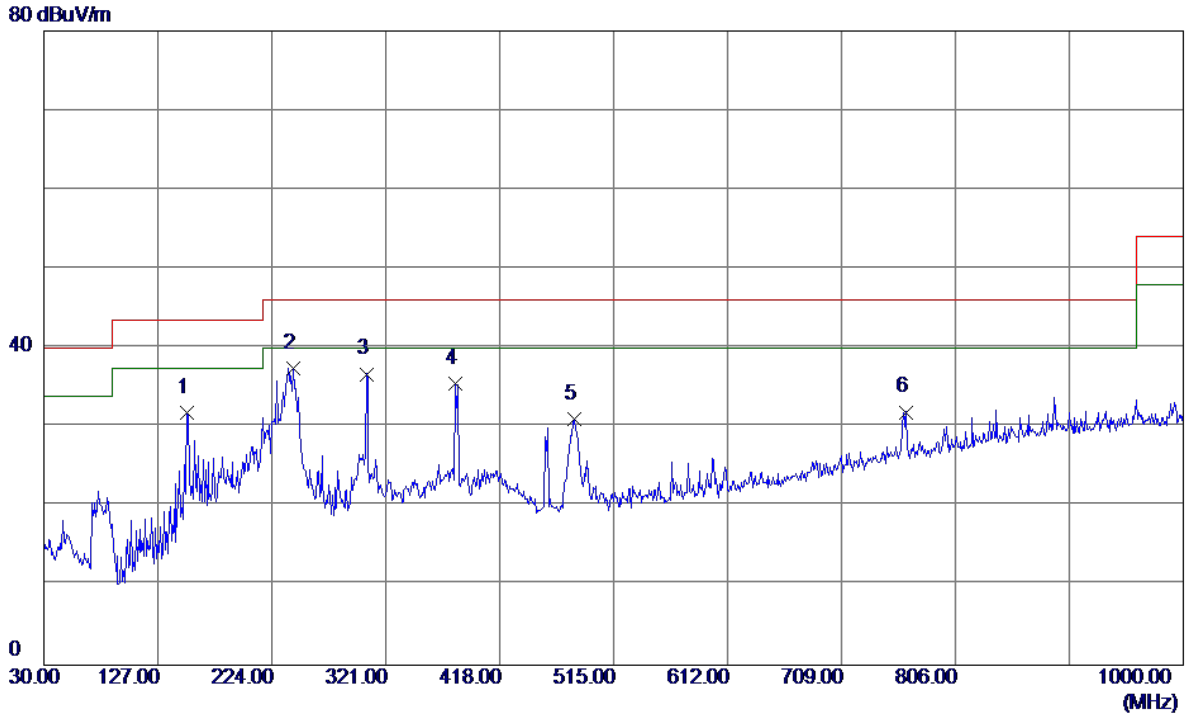
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	76.5600	46.11	-17.44	28.67	40.00	-11.33	Peak	
2	153.1900	43.06	-13.34	29.72	43.50	-13.78	Peak	
3 *	227.8800	49.19	-14.08	35.11	46.00	-10.89	Peak	
4	305.4800	44.68	-12.73	31.95	46.00	-14.05	Peak	
5	458.7400	40.33	-9.73	30.60	46.00	-15.40	Peak	
6	611.0300	36.13	-6.21	29.92	46.00	-16.08	Peak	

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

**Horizontal**

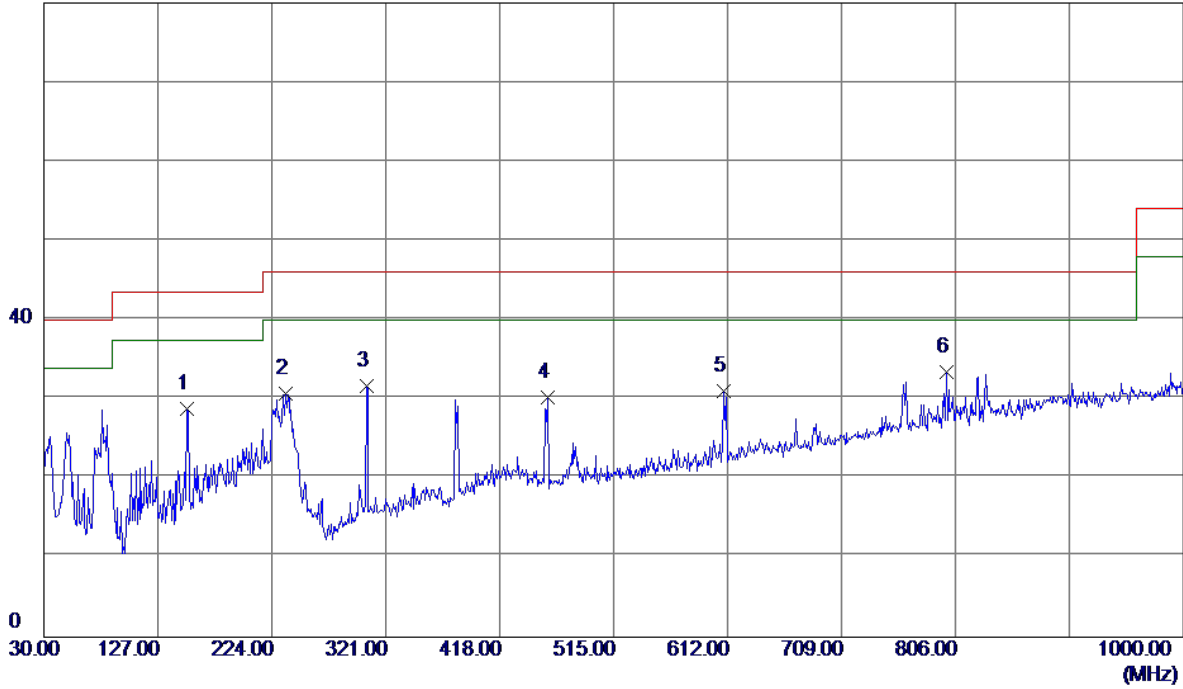


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	152.2200	45.26	-13.39	31.87	43.50	-11.63	Peak	
2 *	242.4300	51.96	-14.49	37.47	46.00	-8.53	Peak	
3	304.5100	49.47	-12.75	36.72	46.00	-9.28	Peak	
4	380.1700	47.06	-11.60	35.46	46.00	-10.54	Peak	
5	482.0200	40.13	-9.16	30.97	46.00	-15.03	Peak	
6	764.2900	34.05	-2.13	31.92	46.00	-14.08	Peak	

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

**Vertical**

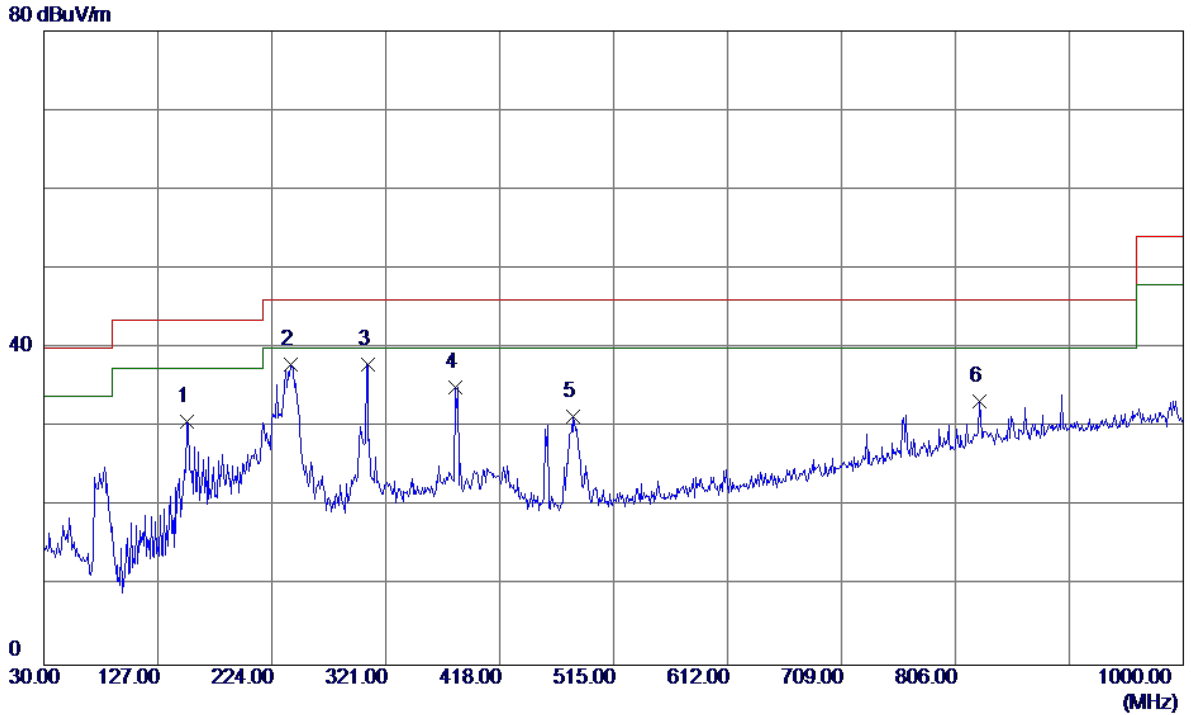
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	152.2200	42.20	-13.39	28.81	43.50	-14.69	Peak	
2	235.6400	45.00	-14.26	30.74	46.00	-15.26	Peak	
3	304.5100	44.40	-12.75	31.65	46.00	-14.35	Peak	
4	458.7400	39.92	-9.73	30.19	46.00	-15.81	Peak	
5	609.0900	37.32	-6.25	31.07	46.00	-14.93	Peak	
6 *	798.2400	34.86	-1.40	33.46	46.00	-12.54	Peak	

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

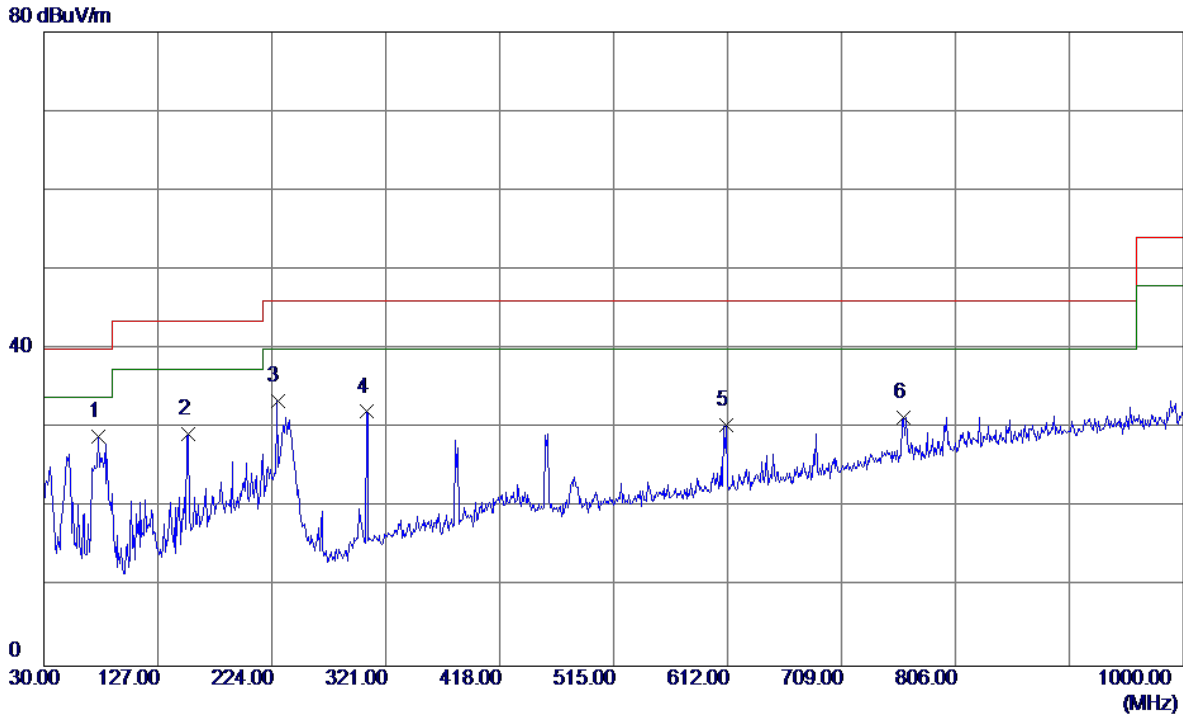
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	152.2200	44.05	-13.39	30.66	43.50	-12.84	Peak	
2 *	240.4900	52.36	-14.38	37.98	46.00	-8.02	Peak	
3	305.4800	50.58	-12.73	37.85	46.00	-8.15	Peak	
4	380.1700	46.61	-11.60	35.01	46.00	-10.99	Peak	
5	480.0800	40.57	-9.21	31.36	46.00	-14.64	Peak	
6	826.3700	33.97	-0.64	33.33	46.00	-12.67	Peak	

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

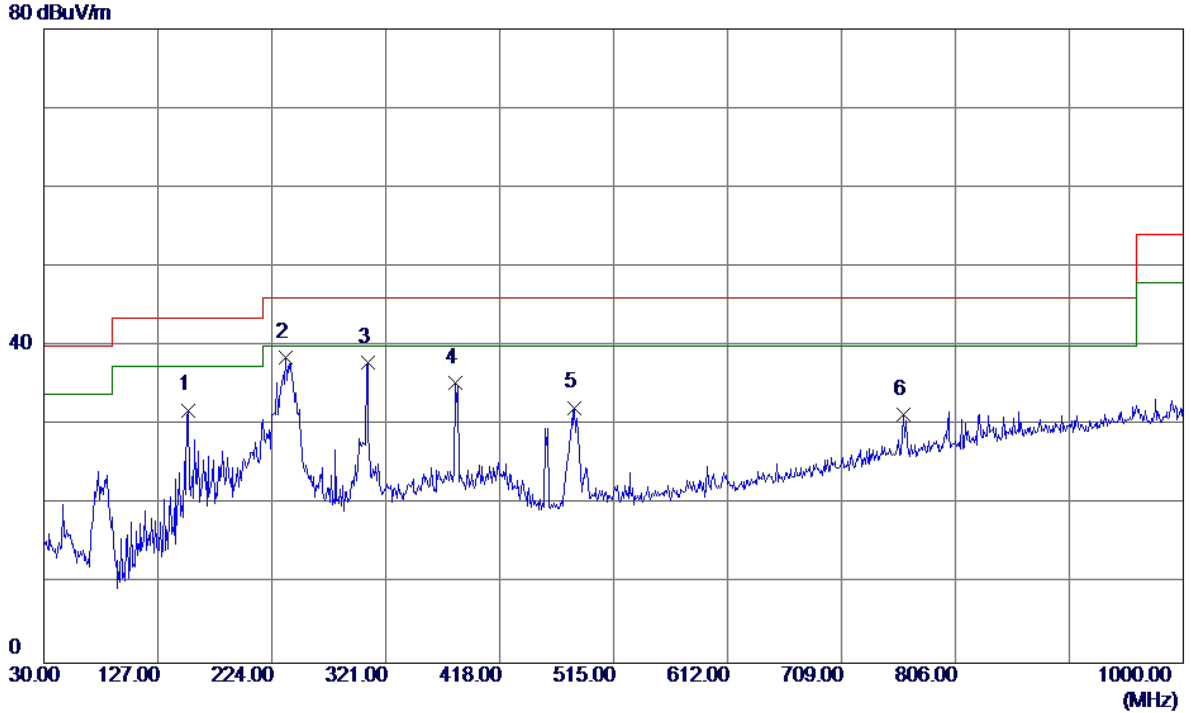
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	76.5600	46.42	-17.44	28.98	40.00	-11.02	Peak	
2	153.1900	42.66	-13.34	29.32	43.50	-14.18	Peak	
3	228.8500	47.54	-14.10	33.44	46.00	-12.56	Peak	
4	304.5100	44.83	-12.75	32.08	46.00	-13.92	Peak	
5	611.0300	36.67	-6.21	30.46	46.00	-15.54	Peak	
6	761.3800	33.63	-2.20	31.43	46.00	-14.57	Peak	

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

**Horizontal**

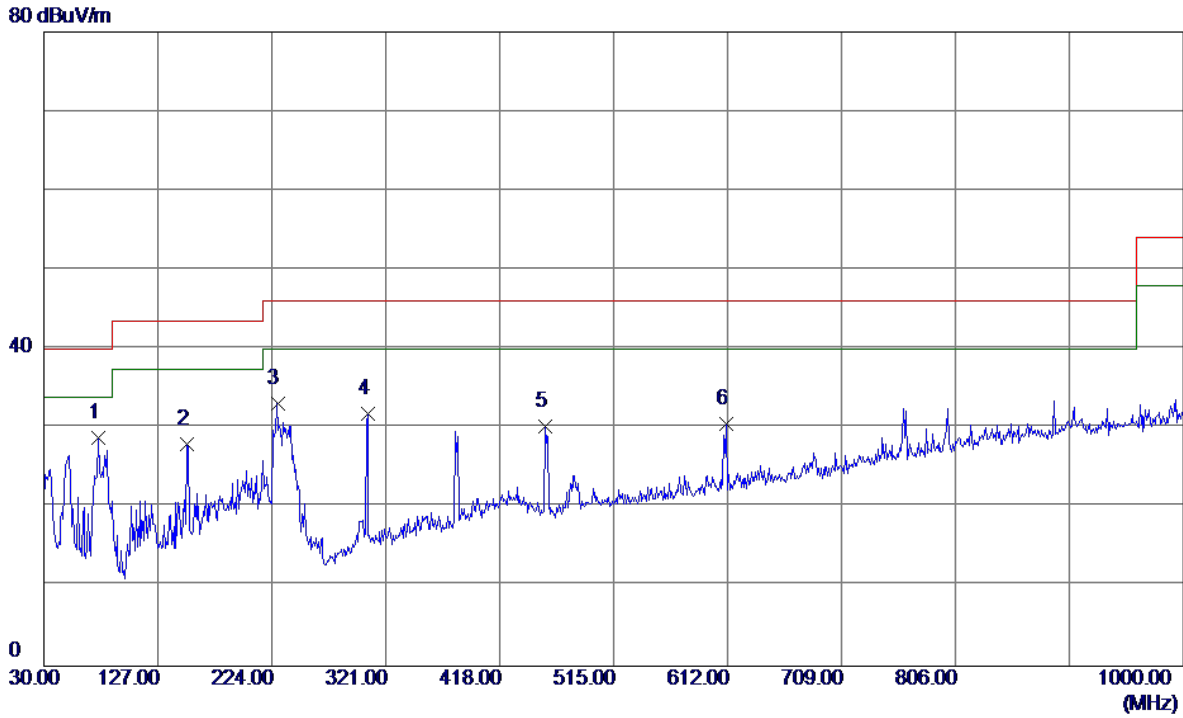


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	45.26	-13.34	31.92	43.50	-11.58	Peak	
2 *	235.6400	52.76	-14.26	38.50	46.00	-7.50	Peak	
3	305.4800	50.61	-12.73	37.88	46.00	-8.12	Peak	
4	380.1700	47.00	-11.60	35.40	46.00	-10.60	Peak	
5	482.0200	41.40	-9.16	32.24	46.00	-13.76	Peak	
6	761.3800	33.52	-2.20	31.32	46.00	-14.68	Peak	



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

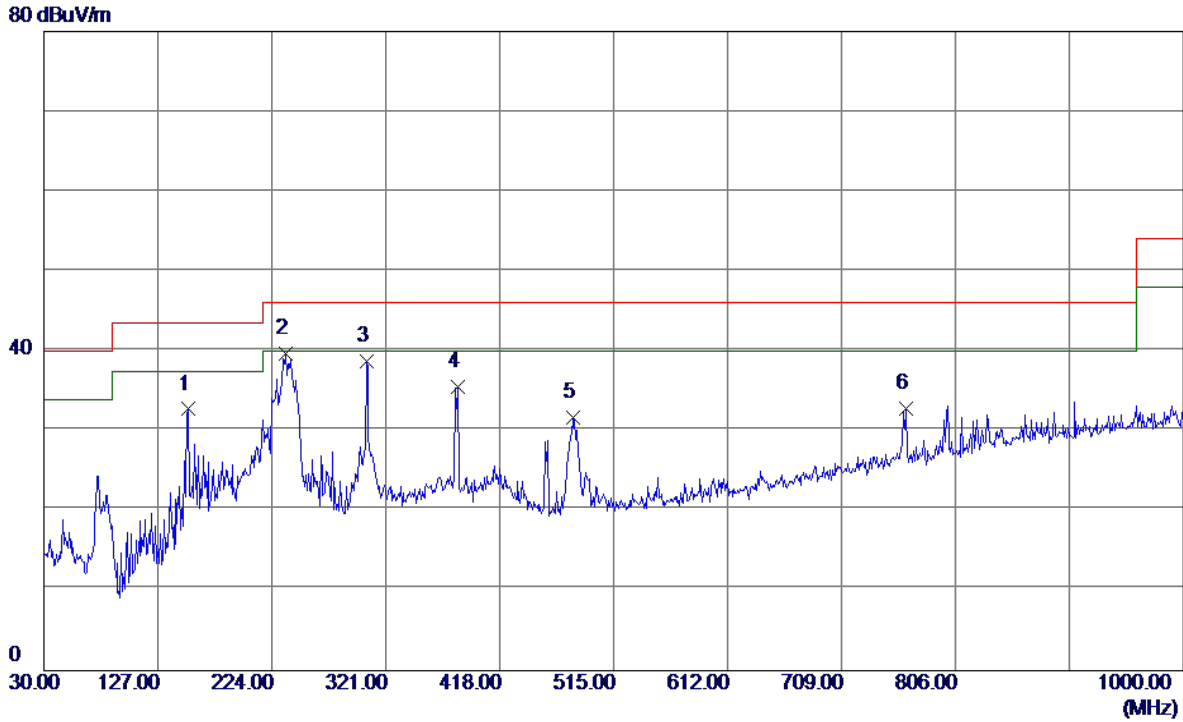
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	76.5600	46.29	-17.44	28.85	40.00	-11.15	Peak	
2	152.2200	41.40	-13.39	28.01	43.50	-15.49	Peak	
3	228.8500	47.22	-14.10	33.12	46.00	-12.88	Peak	
4	305.4800	44.54	-12.73	31.81	46.00	-14.19	Peak	
5	456.8000	39.95	-9.77	30.18	46.00	-15.82	Peak	
6	611.0300	36.77	-6.21	30.56	46.00	-15.44	Peak	

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

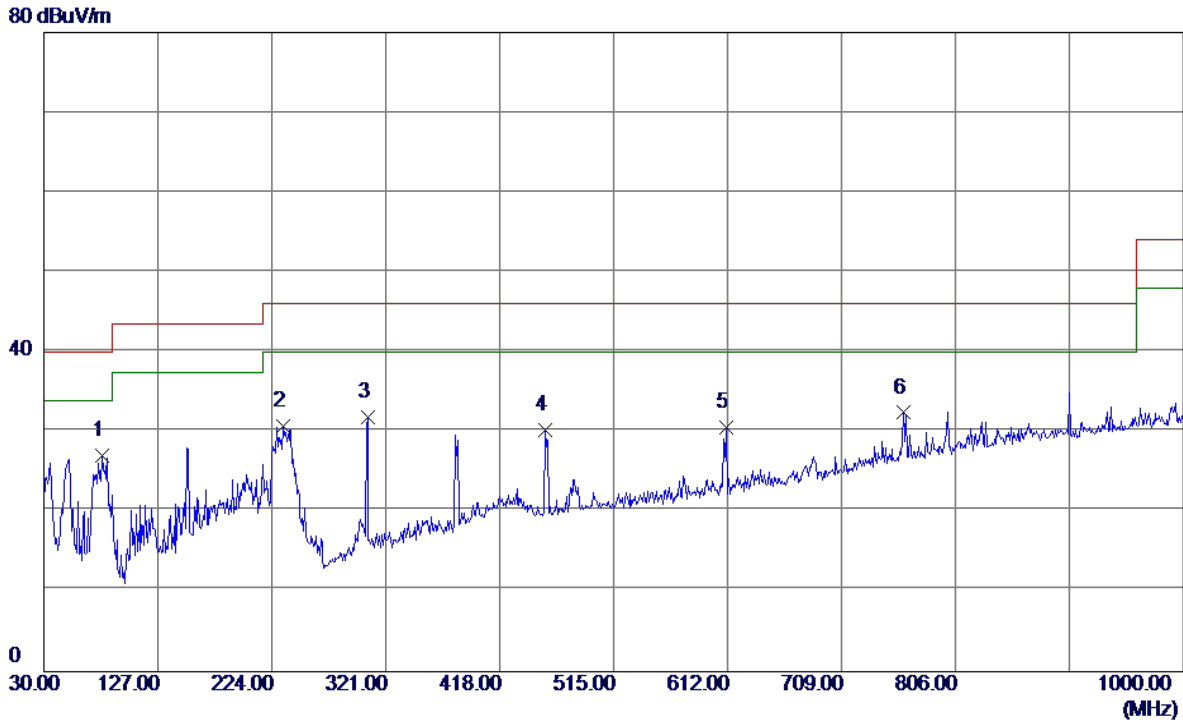
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	46.06	-13.34	32.72	43.50	-10.78	Peak	
2 *	235.6400	53.95	-14.26	39.69	46.00	-6.31	Peak	
3	304.5100	51.47	-12.75	38.72	46.00	-7.28	Peak	
4	382.1099	47.10	-11.57	35.53	46.00	-10.47	Peak	
5	480.0800	40.83	-9.21	31.62	46.00	-14.38	Peak	
6	764.2900	34.89	-2.13	32.76	46.00	-13.24	Peak	

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

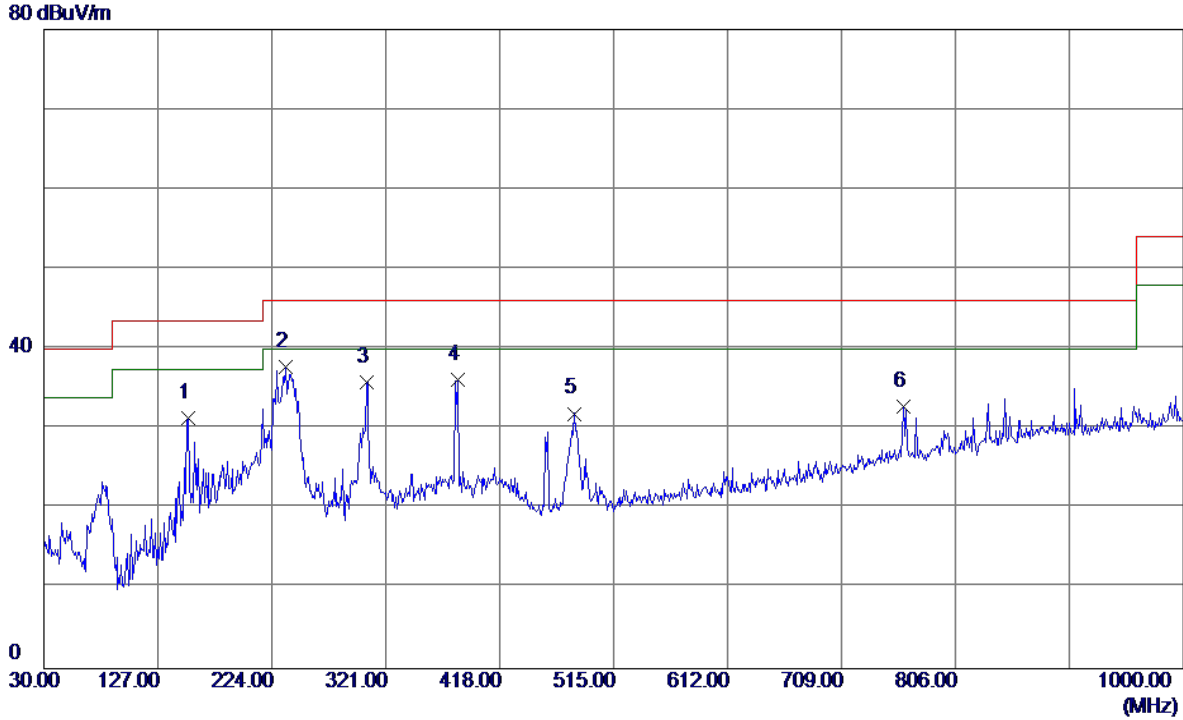
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	79.4700	45.14	-18.12	27.02	40.00	-12.98	Peak	
2	233.7000	44.97	-14.22	30.75	46.00	-15.25	Peak	
3	305.4800	44.54	-12.73	31.81	46.00	-14.19	Peak	
4	456.8000	39.95	-9.77	30.18	46.00	-15.82	Peak	
5	611.0300	36.77	-6.21	30.56	46.00	-15.44	Peak	
6	761.3800	34.60	-2.20	32.40	46.00	-13.60	Peak	

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

**Horizontal**

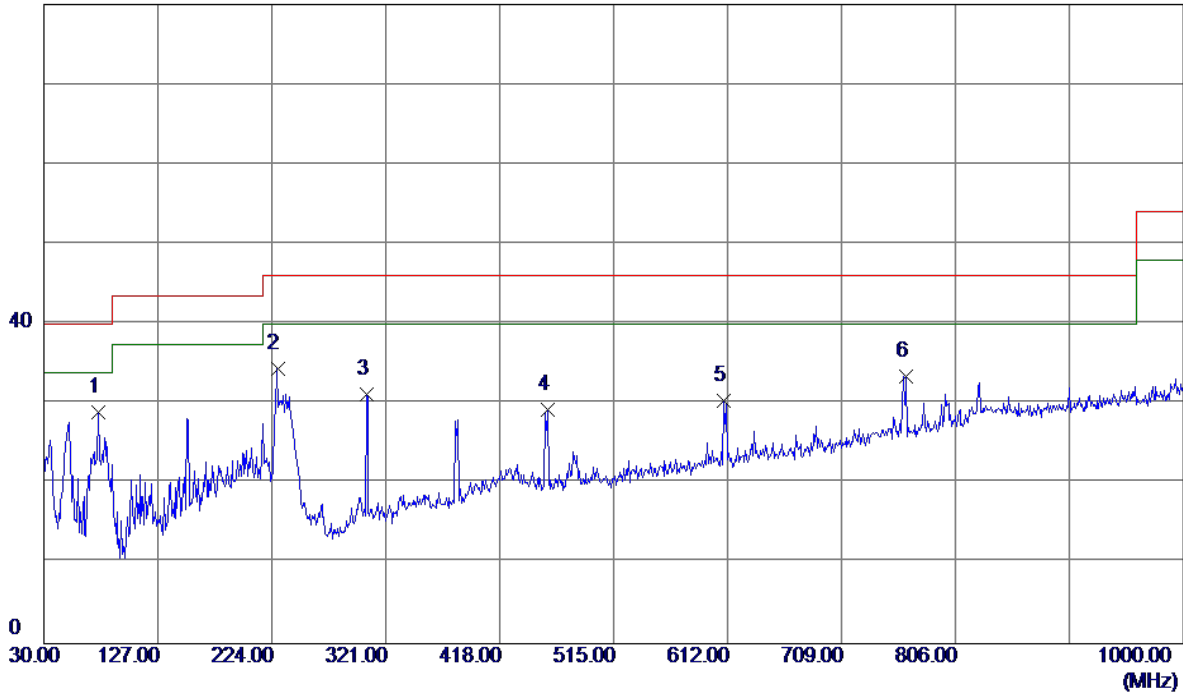


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	44.72	-13.34	31.38	43.50	-12.12	Peak	
2 *	235.6400	52.07	-14.26	37.81	46.00	-8.19	Peak	
3	304.5100	48.54	-12.75	35.79	46.00	-10.21	Peak	
4	382.1099	47.69	-11.57	36.12	46.00	-9.88	Peak	
5	482.0200	41.08	-9.16	31.92	46.00	-14.08	Peak	
6	761.3800	34.93	-2.20	32.73	46.00	-13.27	Peak	

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

**Vertical**

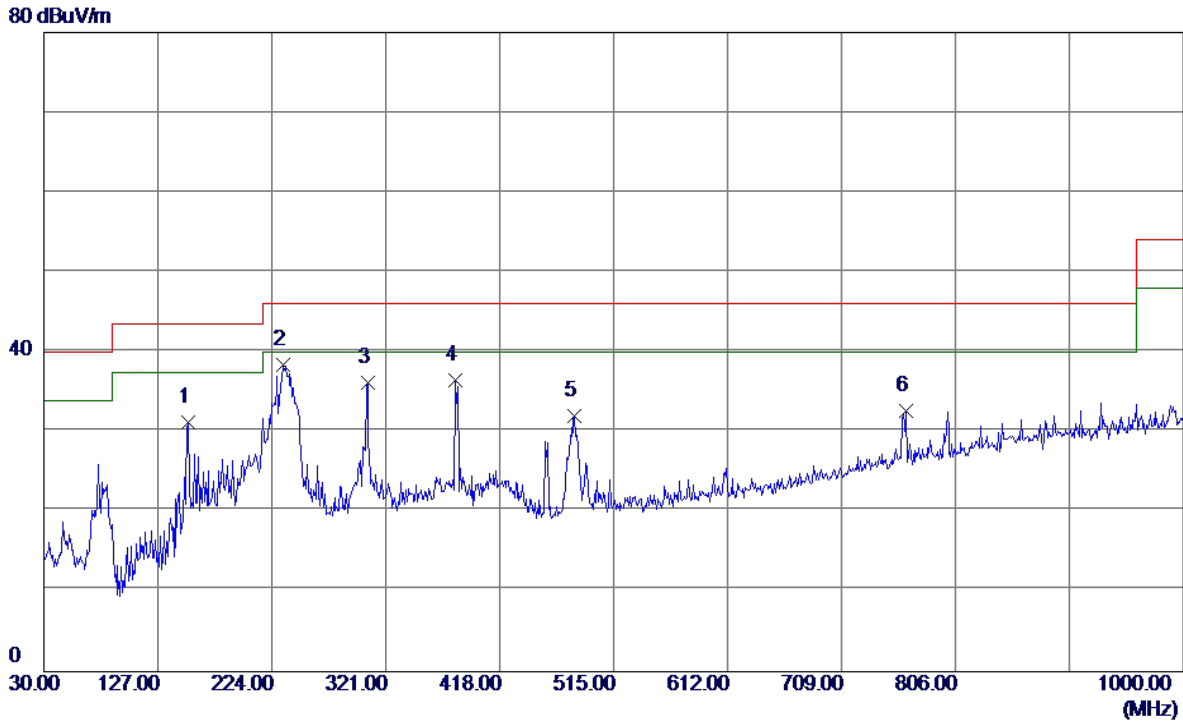
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	76.5600	46.36	-17.44	28.92	40.00	-11.08	Peak	
2	228.8500	48.45	-14.10	34.35	46.00	-11.65	Peak	
3	304.5100	43.92	-12.75	31.17	46.00	-14.83	Peak	
4	458.7400	39.02	-9.73	29.29	46.00	-16.71	Peak	
5	609.0900	36.61	-6.25	30.36	46.00	-15.64	Peak	
6	764.2900	35.57	-2.13	33.44	46.00	-12.56	Peak	

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

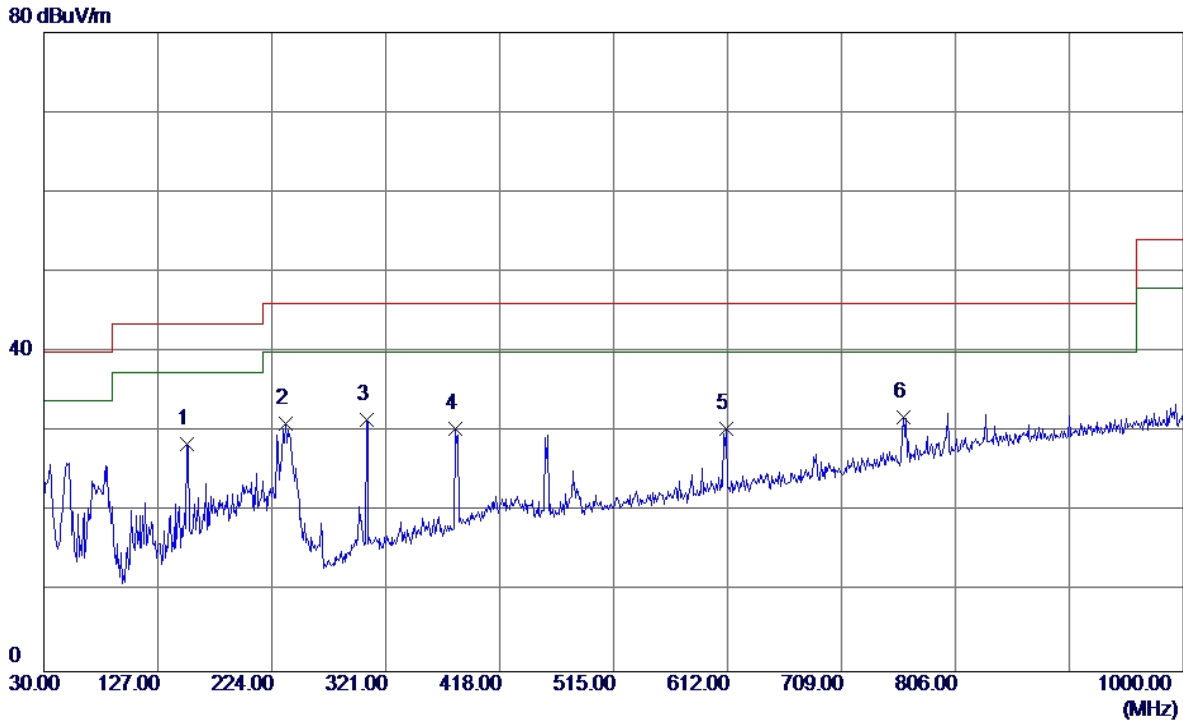
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	44.61	-13.34	31.27	43.50	-12.23	Peak	
2 *	233.7000	52.65	-14.22	38.43	46.00	-7.57	Peak	
3	305.4800	48.86	-12.73	36.13	46.00	-9.87	Peak	
4	380.1700	48.06	-11.60	36.46	46.00	-9.54	Peak	
5	482.0200	41.19	-9.16	32.03	46.00	-13.97	Peak	
6	764.2900	34.71	-2.13	32.58	46.00	-13.42	Peak	

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

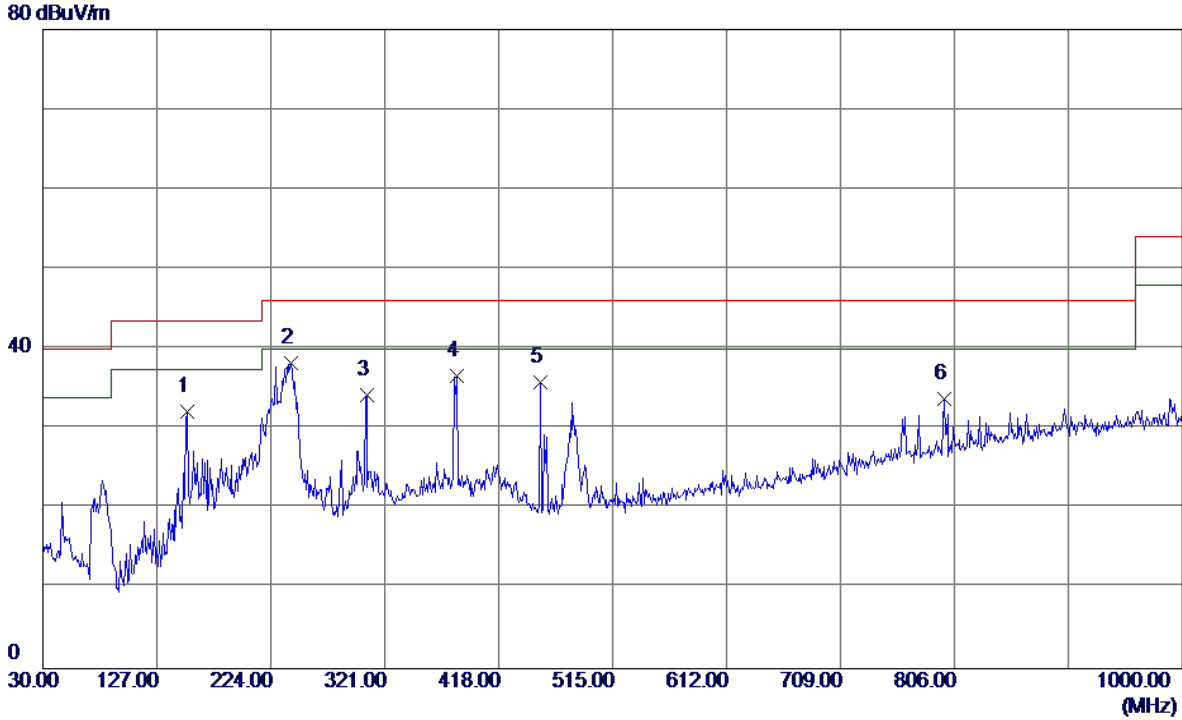
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	152.2200	41.94	-13.39	28.55	43.50	-14.95	Peak	
2	235.6400	45.32	-14.26	31.06	46.00	-14.94	Peak	
3	304.5100	44.24	-12.75	31.49	46.00	-14.51	Peak	
4	380.1700	42.07	-11.60	30.47	46.00	-15.53	Peak	
5	611.0300	36.59	-6.21	30.38	46.00	-15.62	Peak	
6 *	761.3800	34.07	-2.20	31.87	46.00	-14.13	Peak	

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

**Horizontal**

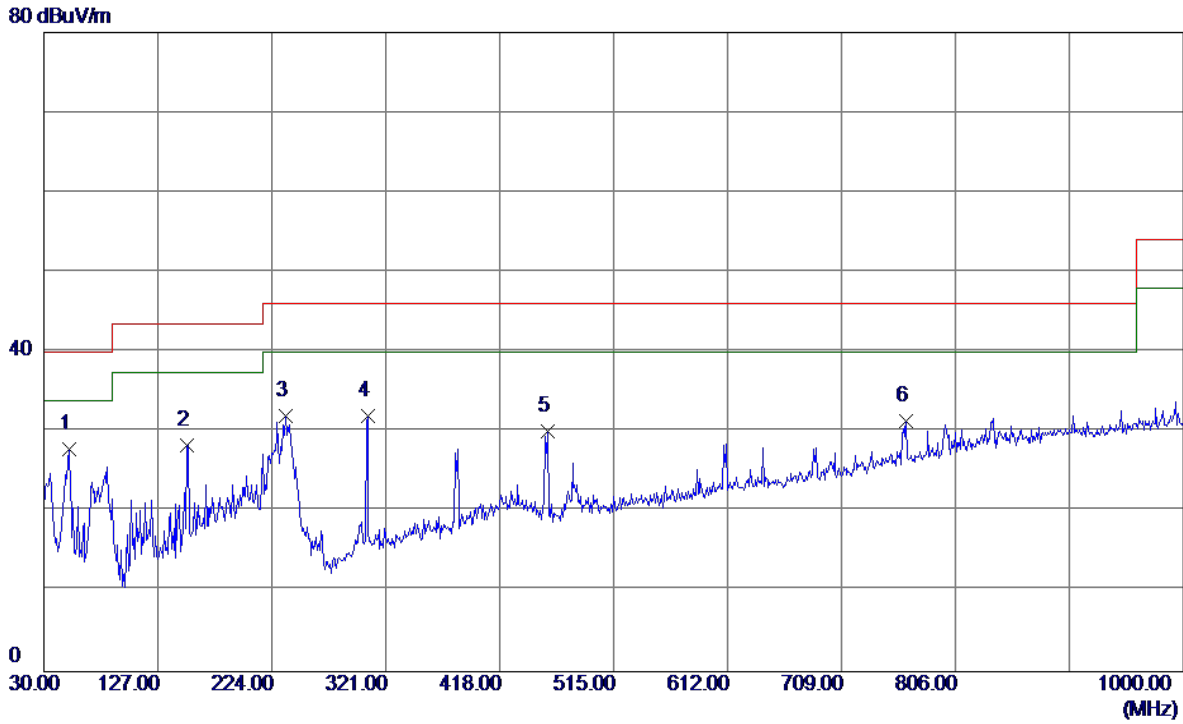


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	45.53	-13.34	32.19	43.50	-11.31	Peak	
2 *	241.4600	52.74	-14.44	38.30	46.00	-7.70	Peak	
3	305.4800	46.90	-12.73	34.17	46.00	-11.83	Peak	
4	382.1099	48.28	-11.57	36.71	46.00	-9.29	Peak	
5	453.8900	45.69	-9.85	35.84	46.00	-10.16	Peak	
6	797.2700	35.21	-1.42	33.79	46.00	-12.21	Peak	



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

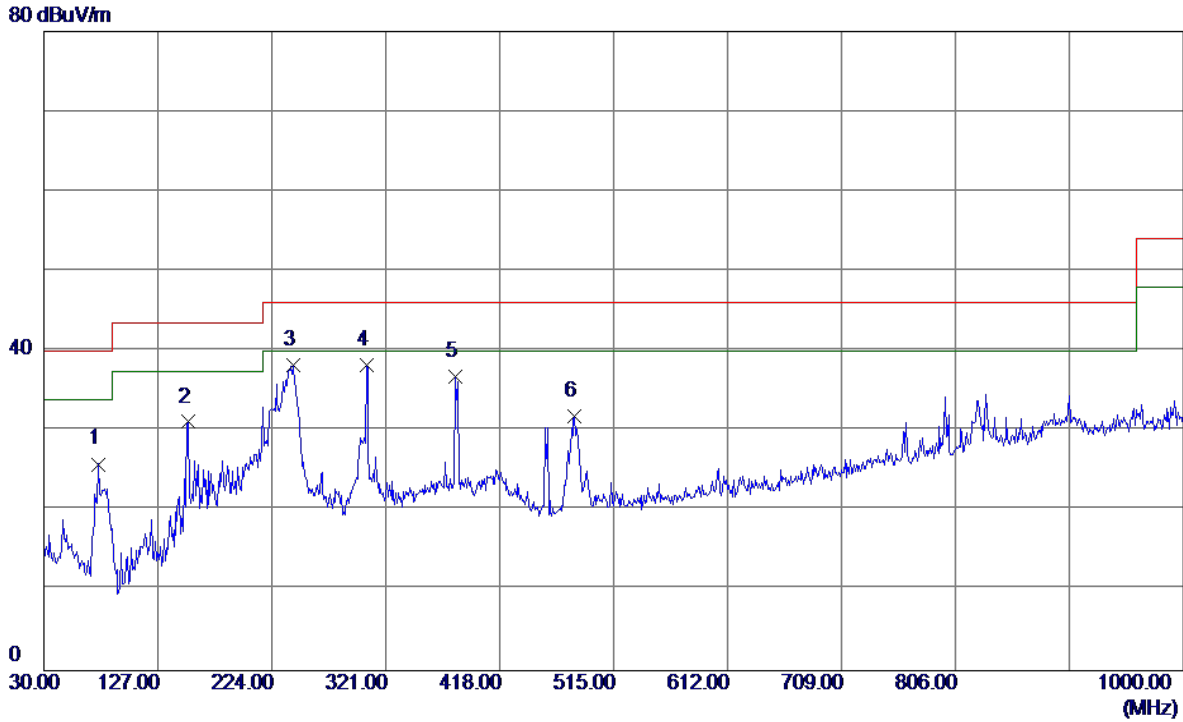
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	51.3400	41.57	-13.70	27.87	40.00	-12.13	Peak	
2	152.2200	41.67	-13.39	28.28	43.50	-15.22	Peak	
3	235.6400	46.20	-14.26	31.94	46.00	-14.06	Peak	
4	305.4800	44.77	-12.73	32.04	46.00	-13.96	Peak	
5	458.7400	39.84	-9.73	30.11	46.00	-15.89	Peak	
6	764.2900	33.52	-2.13	31.39	46.00	-14.61	Peak	

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

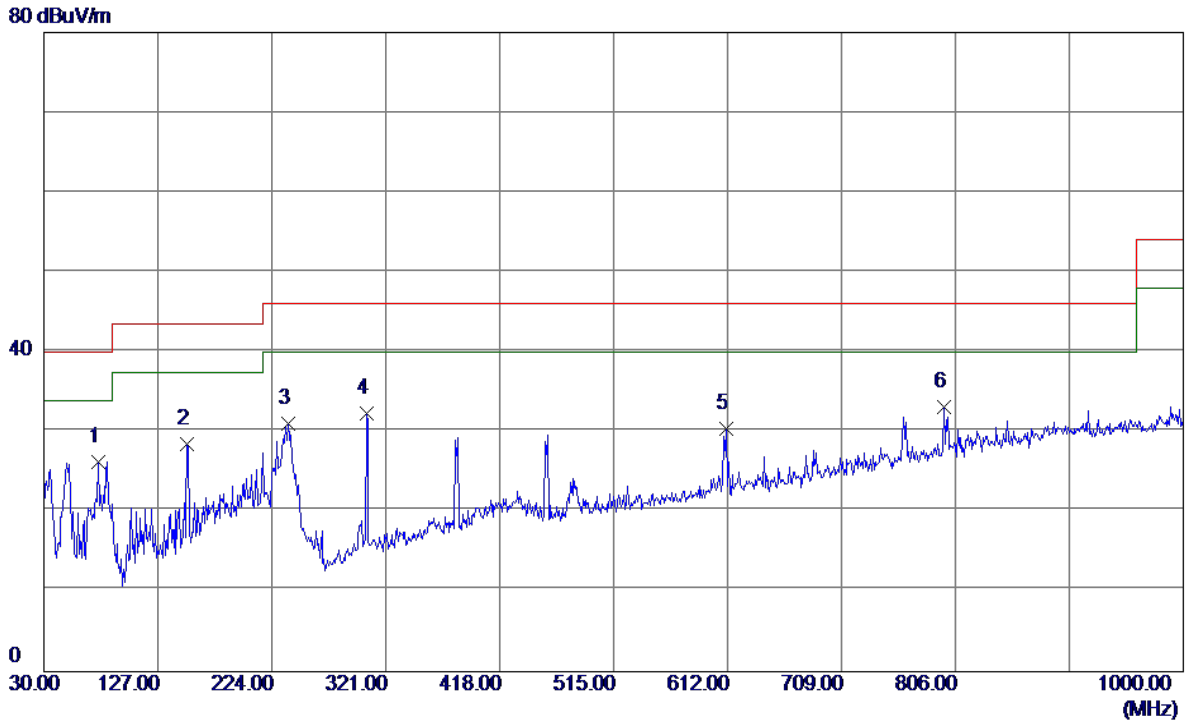
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	76.5600	43.28	-17.44	25.84	40.00	-14.16	Peak	
2	153.1900	44.46	-13.34	31.12	43.50	-12.38	Peak	
3 *	242.4300	52.71	-14.49	38.22	46.00	-7.78	Peak	
4	304.5100	50.93	-12.75	38.18	46.00	-7.82	Peak	
5	380.1700	48.39	-11.60	36.79	46.00	-9.21	Peak	
6	482.0200	40.94	-9.16	31.78	46.00	-14.22	Peak	

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

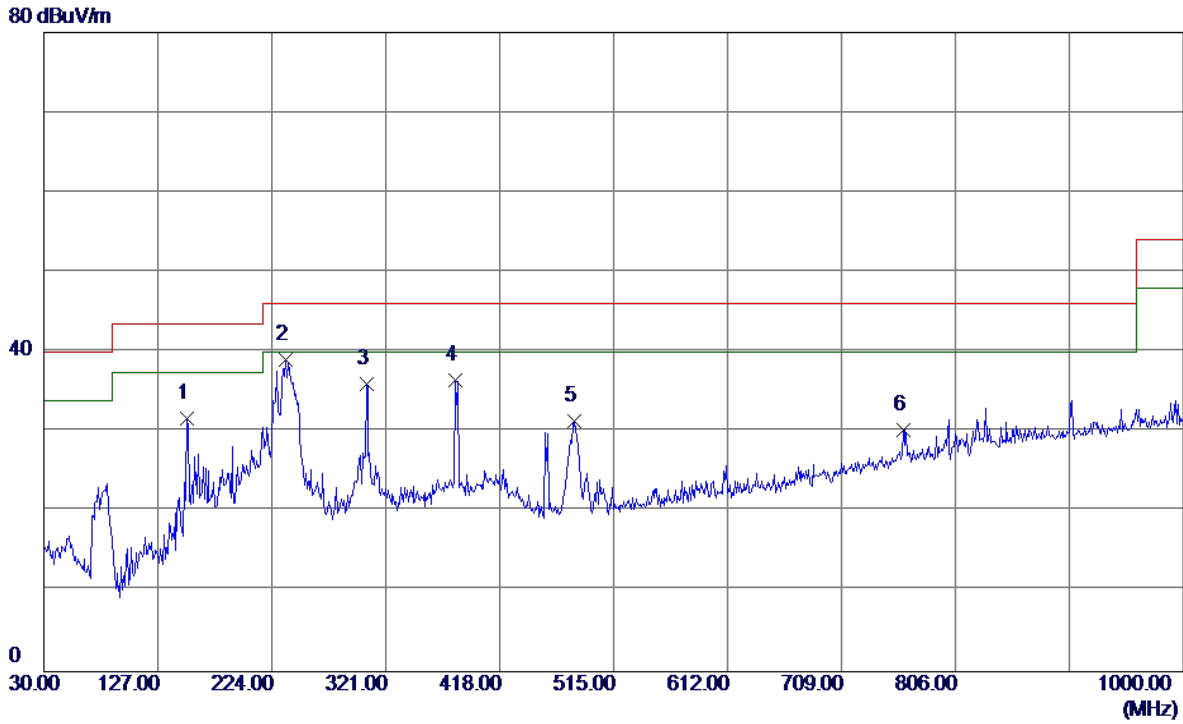
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	76.5600	43.75	-17.44	26.31	40.00	-13.69	Peak	
2	152.2200	41.89	-13.39	28.50	43.50	-15.00	Peak	
3	237.5800	45.30	-14.30	31.00	46.00	-15.00	Peak	
4	304.5100	45.06	-12.75	32.31	46.00	-13.69	Peak	
5	611.0300	36.67	-6.21	30.46	46.00	-15.54	Peak	
6 *	796.3000	34.58	-1.44	33.14	46.00	-12.86	Peak	

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

**Horizontal**

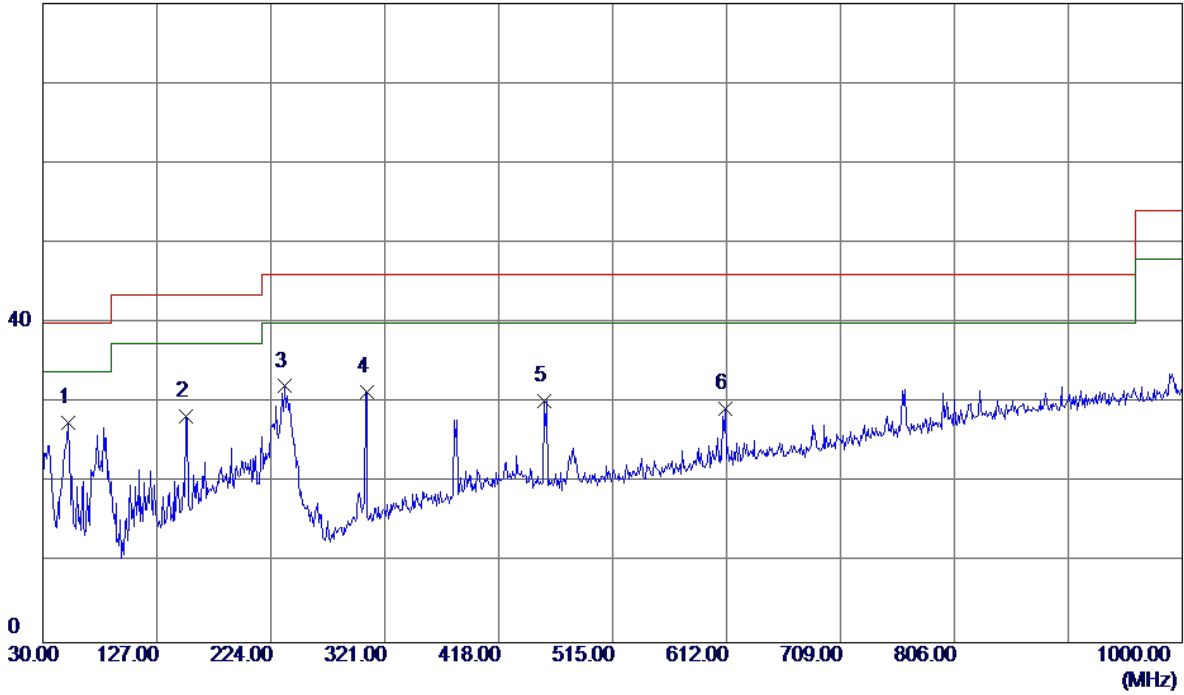


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	152.2200	45.00	-13.39	31.61	43.50	-11.89	Peak	
2 *	235.6400	53.26	-14.26	39.00	46.00	-7.00	Peak	
3	304.5100	48.68	-12.75	35.93	46.00	-10.07	Peak	
4	380.1700	48.03	-11.60	36.43	46.00	-9.57	Peak	
5	482.0200	40.48	-9.16	31.32	46.00	-14.68	Peak	
6	761.3800	32.44	-2.20	30.24	46.00	-15.76	Peak	

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

**Vertical**

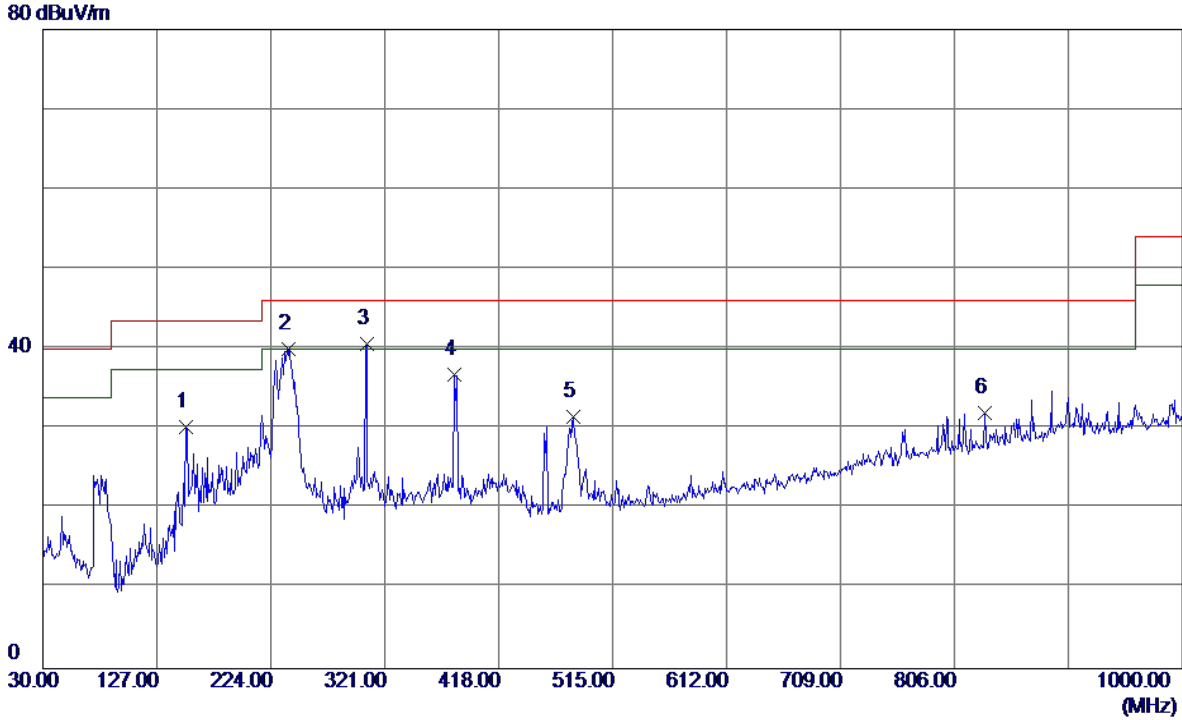
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	51.3400	41.26	-13.70	27.56	40.00	-12.44	Peak	
2	152.2200	41.76	-13.39	28.37	43.50	-15.13	Peak	
3	235.6400	46.34	-14.26	32.08	46.00	-13.92	Peak	
4	305.4800	44.15	-12.73	31.42	46.00	-14.58	Peak	
5	456.8000	40.03	-9.77	30.26	46.00	-15.74	Peak	
6	611.0300	35.51	-6.21	29.30	46.00	-16.70	Peak	

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

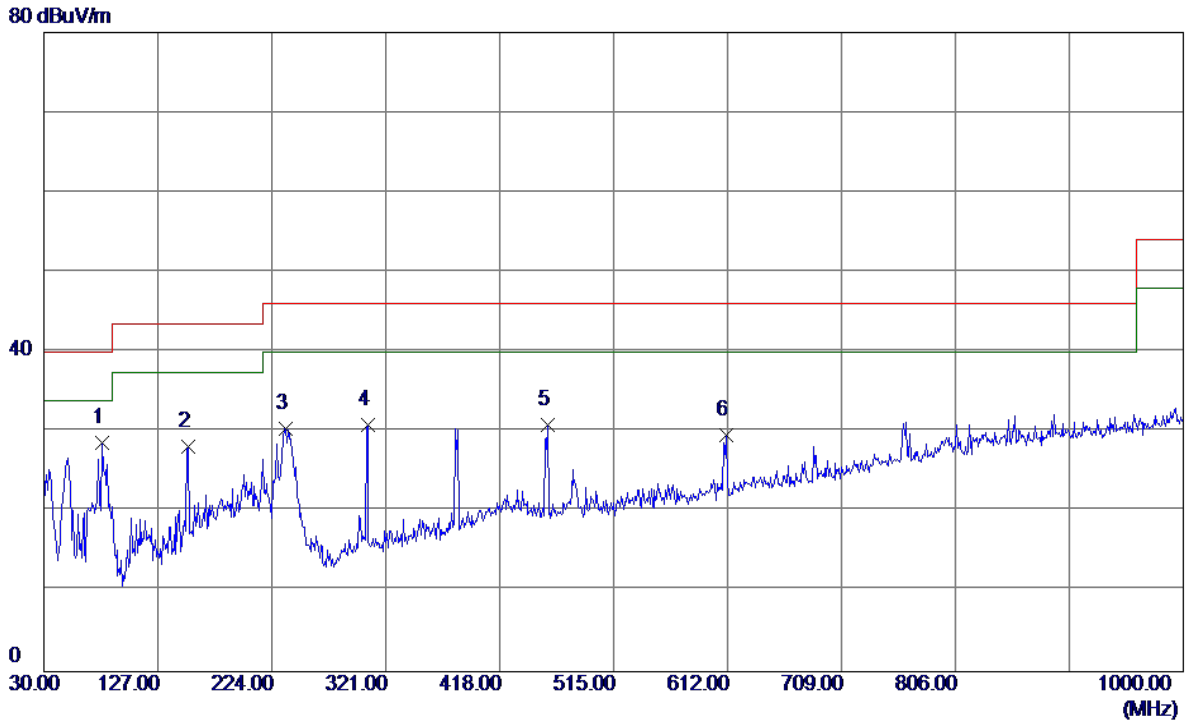
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	152.2200	43.70	-13.39	30.31	43.50	-13.19	Peak	
2	239.5200	54.30	-14.35	39.95	46.00	-6.05	Peak	
3 *	305.4800	53.30	-12.73	40.57	46.00	-5.43	Peak	
4	380.1700	48.36	-11.60	36.76	46.00	-9.24	Peak	
5	482.0200	40.74	-9.16	31.58	46.00	-14.42	Peak	
6	832.1900	32.46	-0.48	31.98	46.00	-14.02	Peak	

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

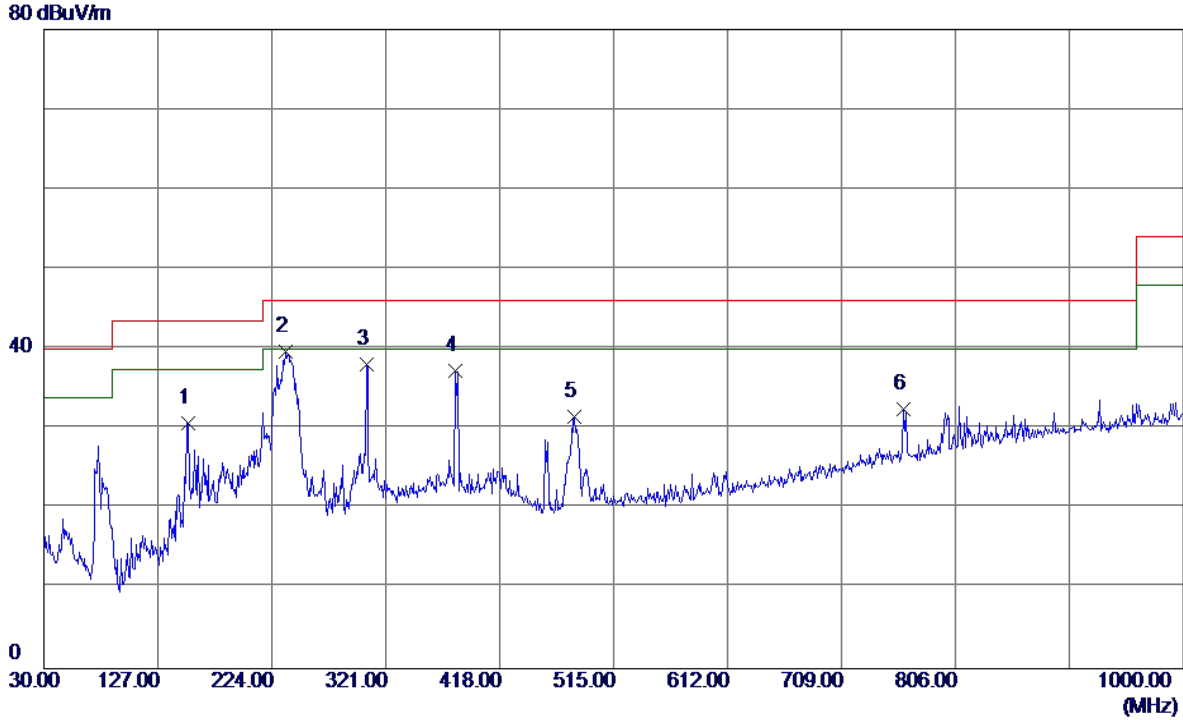
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	79.4700	46.80	-18.12	28.68	40.00	-11.32	Peak	
2	153.1900	41.53	-13.34	28.19	43.50	-15.31	Peak	
3	235.6400	44.69	-14.26	30.43	46.00	-15.57	Peak	
4	305.4800	43.59	-12.73	30.86	46.00	-15.14	Peak	
5	458.7400	40.56	-9.73	30.83	46.00	-15.17	Peak	
6	611.0300	35.79	-6.21	29.58	46.00	-16.42	Peak	

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

**Horizontal**

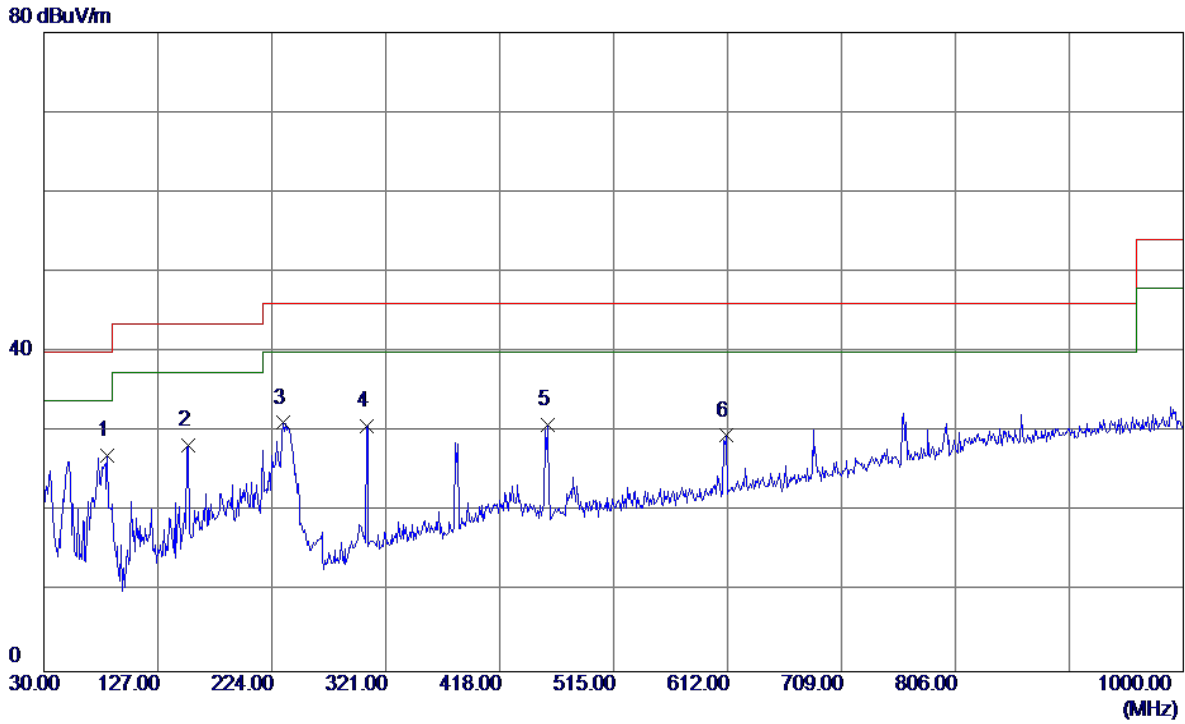


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	44.11	-13.34	30.77	43.50	-12.73	Peak	
2 *	235.6400	53.95	-14.26	39.69	46.00	-6.31	Peak	
3	304.5100	50.81	-12.75	38.06	46.00	-7.94	Peak	
4	380.1700	48.85	-11.60	37.25	46.00	-8.75	Peak	
5	482.0200	40.62	-9.16	31.46	46.00	-14.54	Peak	
6	761.3800	34.67	-2.20	32.47	46.00	-13.53	Peak	



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

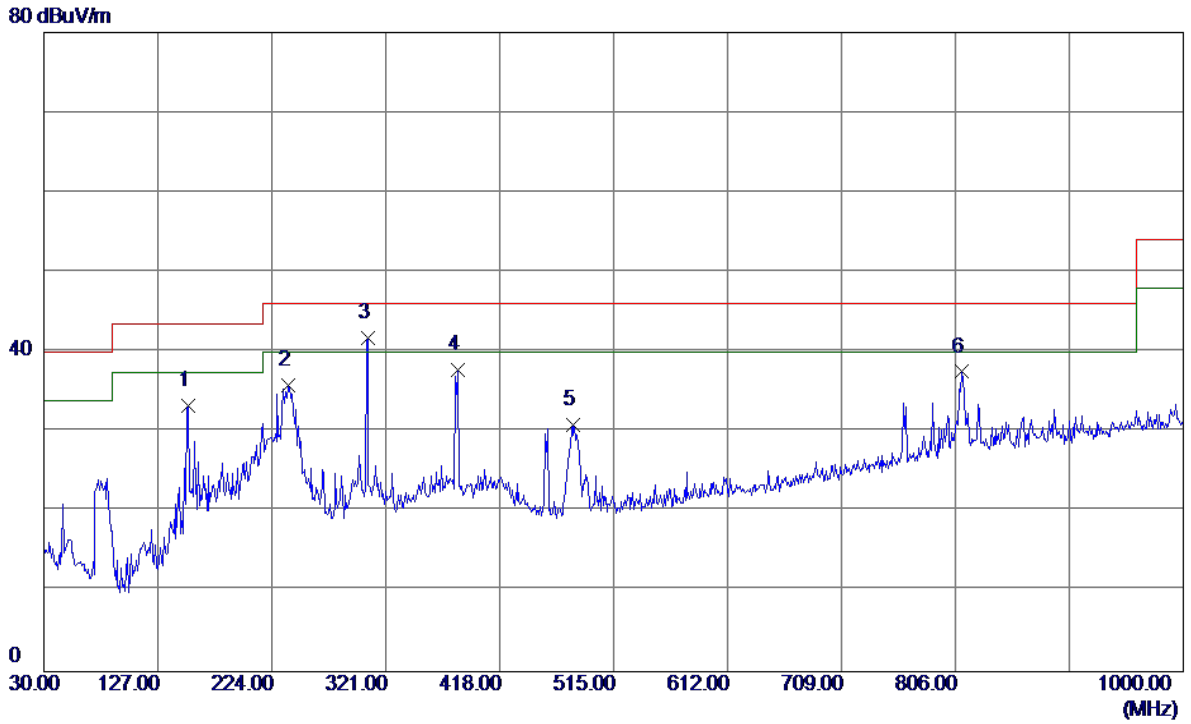
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	84.3200	45.40	-18.37	27.03	40.00	-12.97	Peak	
2	153.1900	41.69	-13.34	28.35	43.50	-15.15	Peak	
3	233.7000	45.34	-14.22	31.12	46.00	-14.88	Peak	
4	304.5100	43.44	-12.75	30.69	46.00	-15.31	Peak	
5	458.7400	40.65	-9.73	30.92	46.00	-15.08	Peak	
6	611.0300	35.73	-6.21	29.52	46.00	-16.48	Peak	

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

**Horizontal**



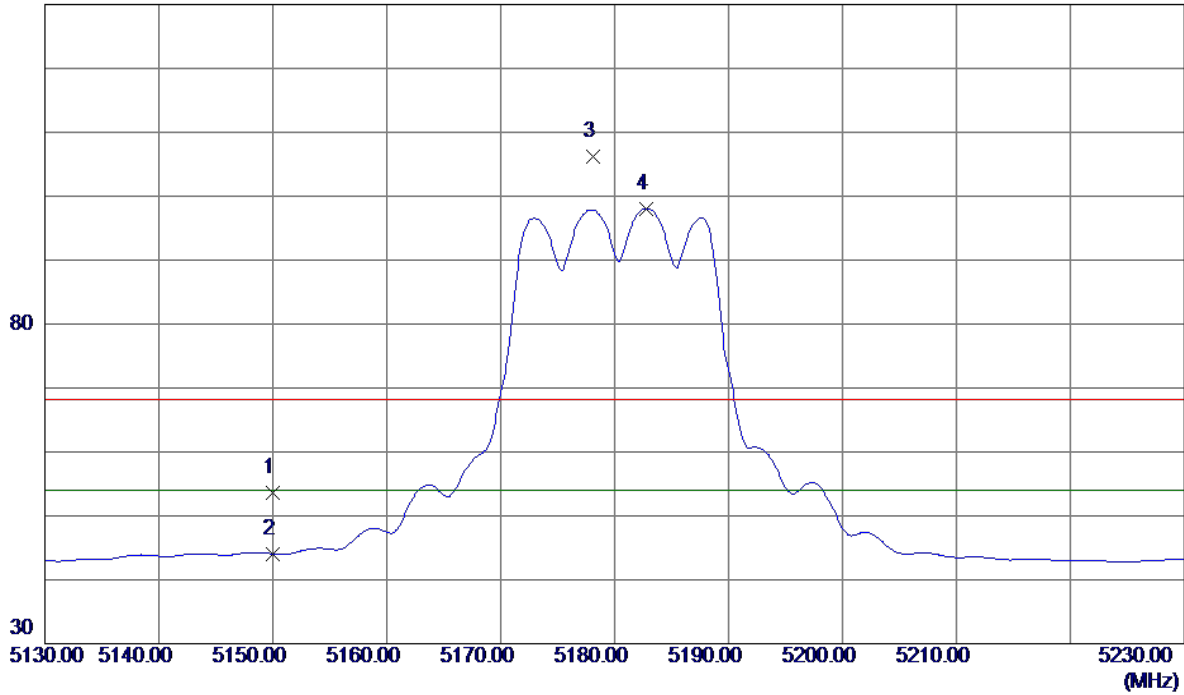
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	46.58	-13.34	33.24	43.50	-10.26	Peak	
2	237.5800	50.11	-14.30	35.81	46.00	-10.19	Peak	
3 *	305.4800	54.46	-12.73	41.73	46.00	-4.27	Peak	
4	382.1099	49.27	-11.57	37.70	46.00	-8.30	Peak	
5	480.0800	40.07	-9.21	30.86	46.00	-15.14	Peak	
6	811.8200	38.56	-1.04	37.52	46.00	-8.48	Peak	

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

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

### Vertical

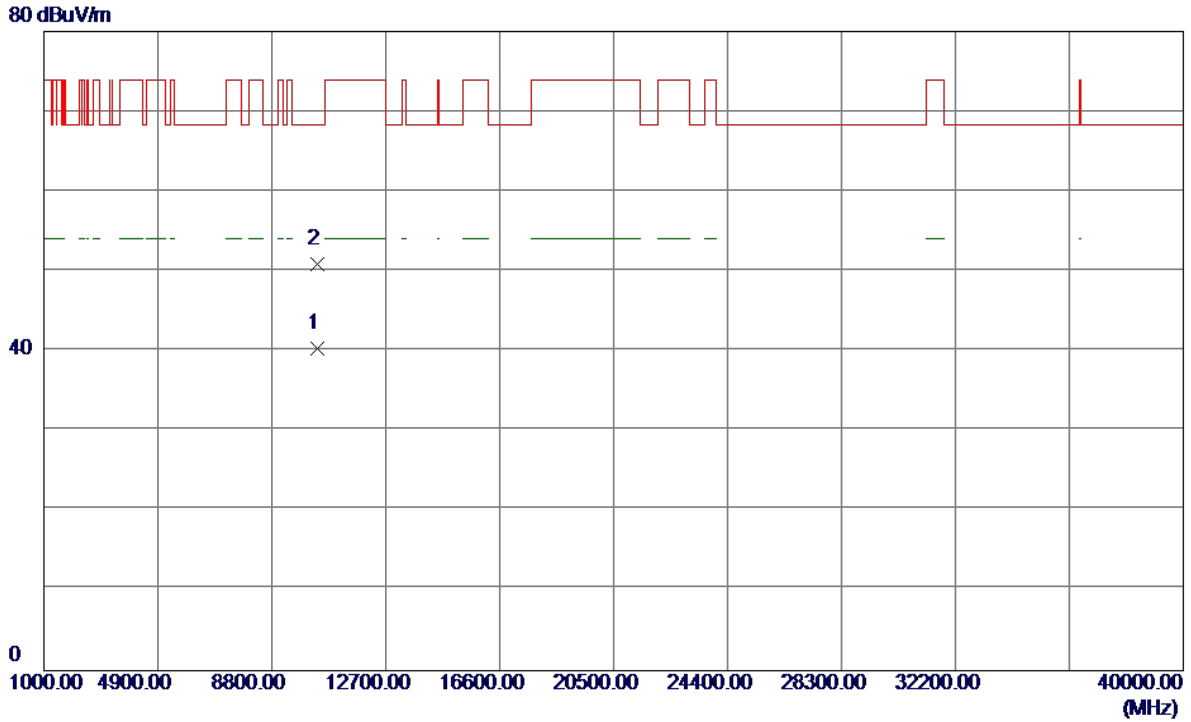
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	12.50	41.10	53.60	68.30	-14.70	Peak	
2	5150.0000	2.98	41.10	44.08	54.00	-9.92	AVG	
3	5178.1000	65.05	41.24	106.29	68.30	37.99	Peak	No Limit
4 *	5182.8000	56.82	41.27	98.09	54.00	44.09	AVG	No Limit

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

**Vertical**

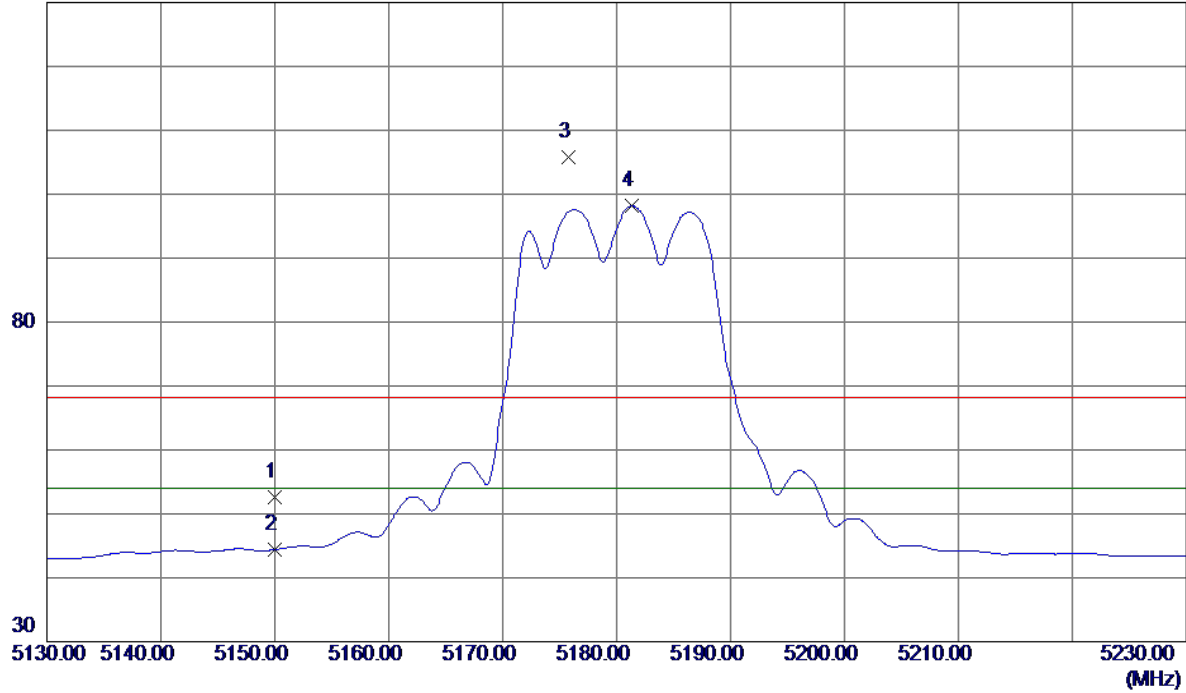


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10358.2400	25.51	14.82	40.33	999.00	-958.67	AVG	
2 *	10358.4000	36.11	14.82	50.93	68.30	-17.37	Peak	

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

### Horizontal

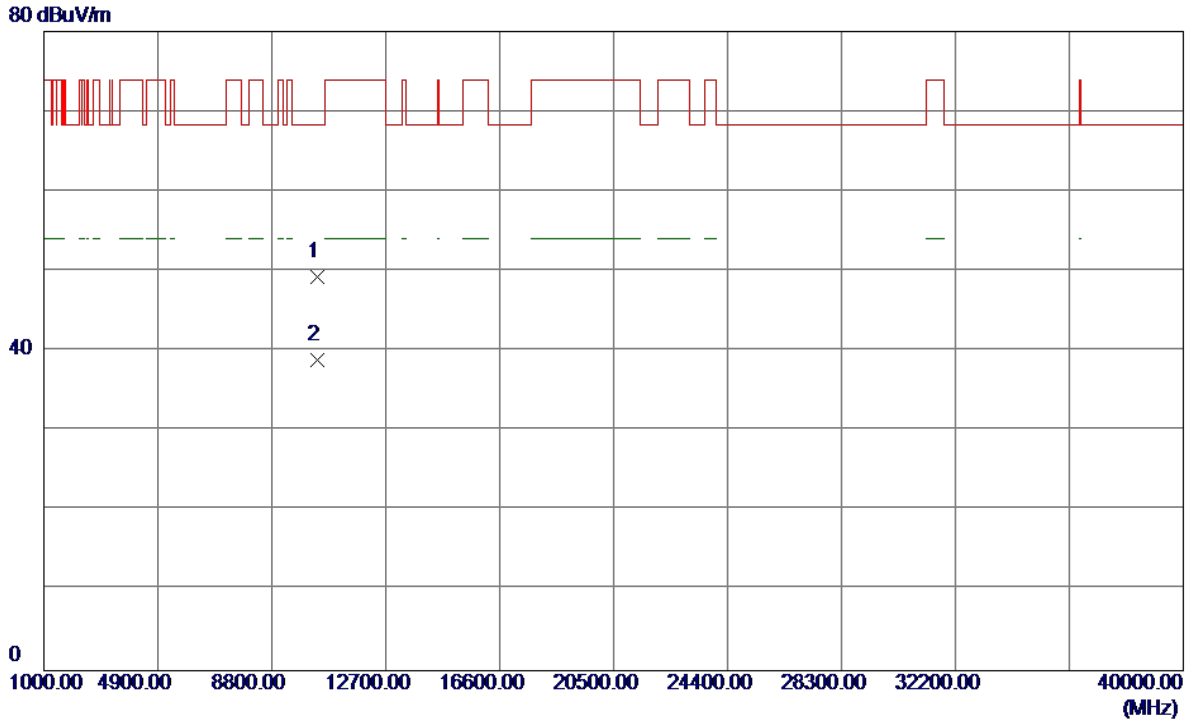
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	11.48	41.10	52.58	68.30	-15.72	Peak	
2	5150.0000	3.31	41.10	44.41	54.00	-9.59	AVG	
3	5175.8000	64.59	41.23	105.82	68.30	37.52	Peak	No Limit
4 *	5181.3000	56.91	41.26	98.17	54.00	44.17	AVG	No Limit

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

**Horizontal**

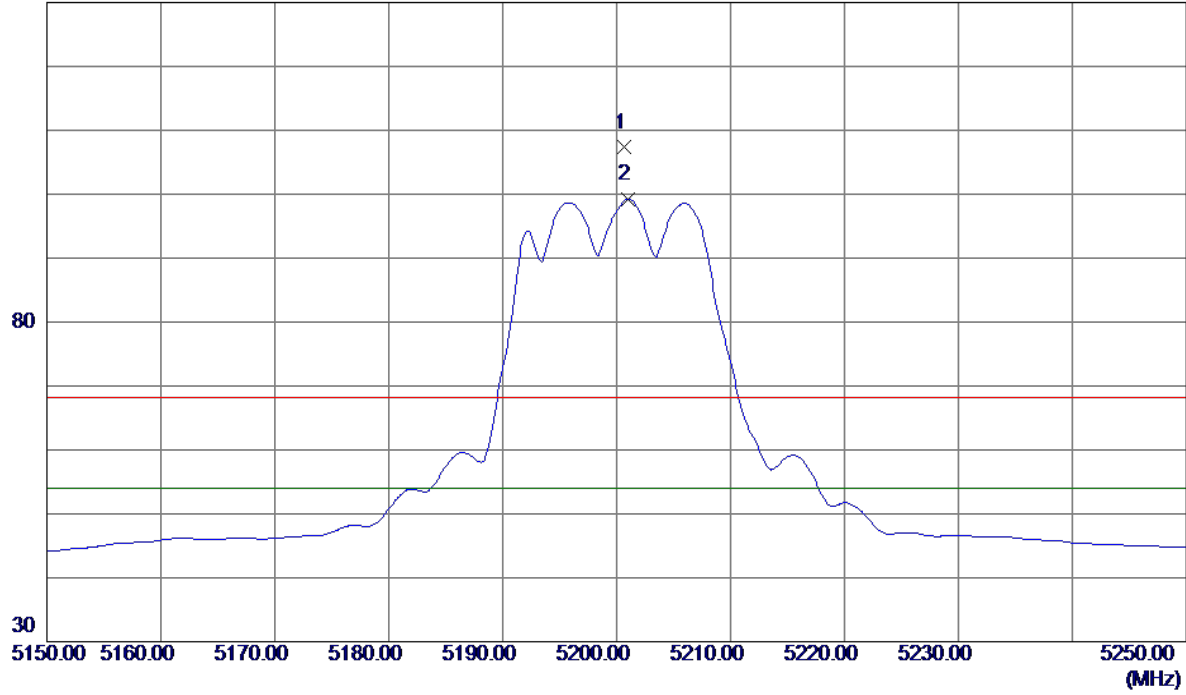


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10356.5400	34.42	14.81	49.23	68.30	-19.07	Peak	
2	10358.1000	24.08	14.82	38.90	999.00	-960.10	AVG	

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

**Vertical**

130 dBuV/m

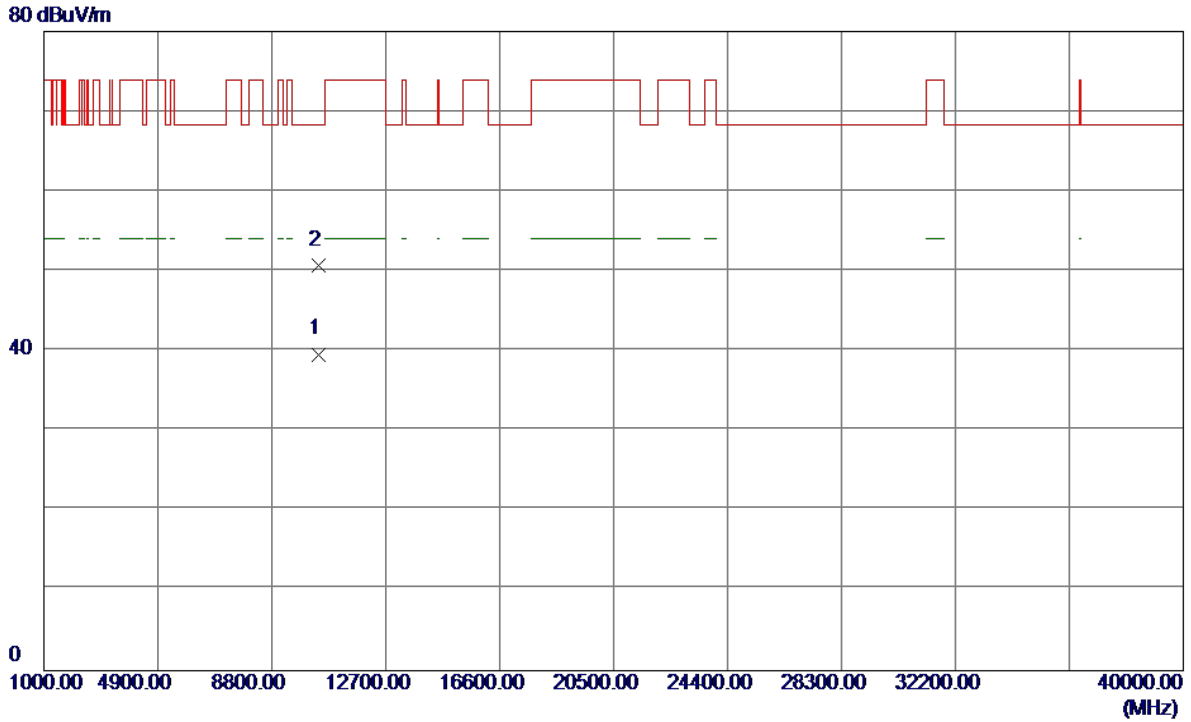


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5200.7000	65.94	41.36	107.30	68.30	39.00	Peak	No Limit
2 *	5201.0000	57.87	41.36	99.23	54.00	45.23	AVG	No Limit



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

**Vertical**

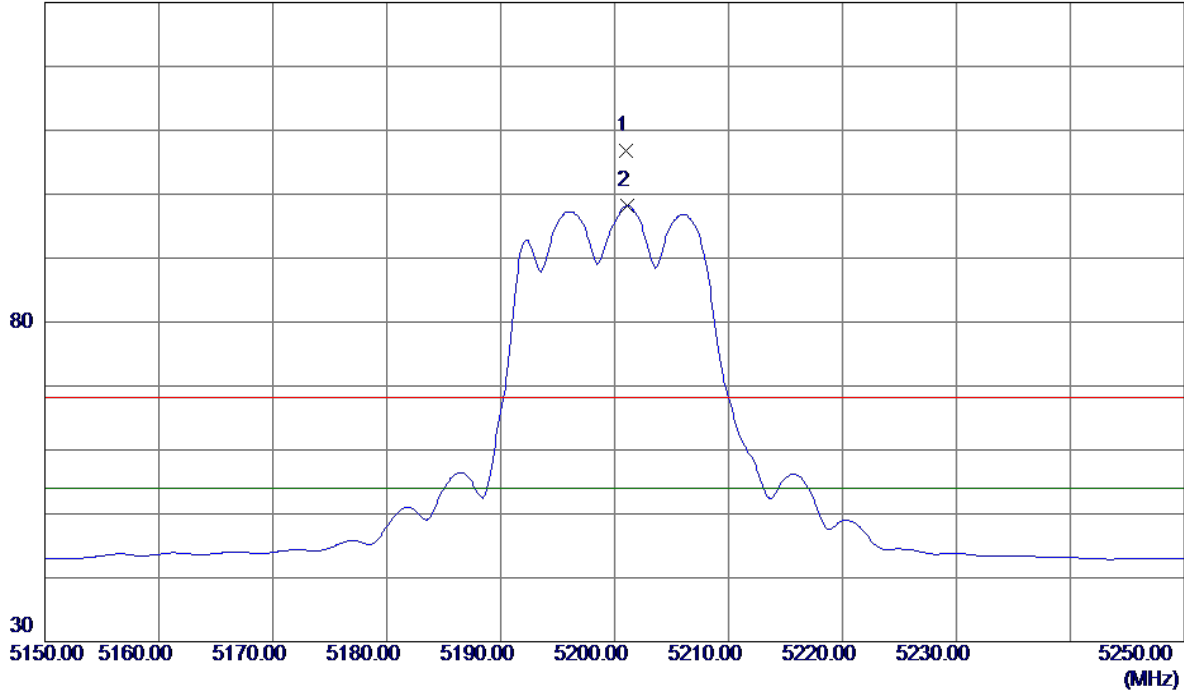


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10399.0199	24.70	14.90	39.60	999.00	-959.40	AVG	
2 *	10403.1000	35.77	14.90	50.67	68.30	-17.63	Peak	

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

**Horizontal**

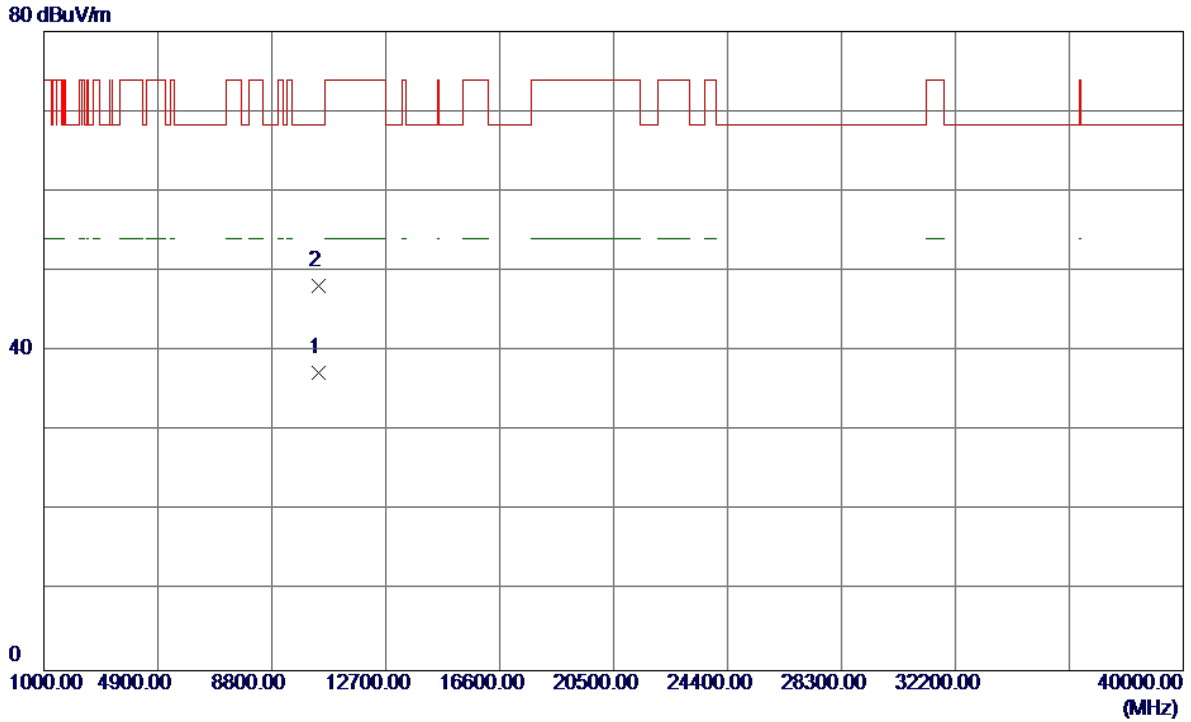
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5201.0000	65.41	41.36	106.77	68.30	38.47	Peak	No Limit
2 *	5201.1000	56.80	41.36	98.16	54.00	44.16	AVG	No Limit

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

**Horizontal**

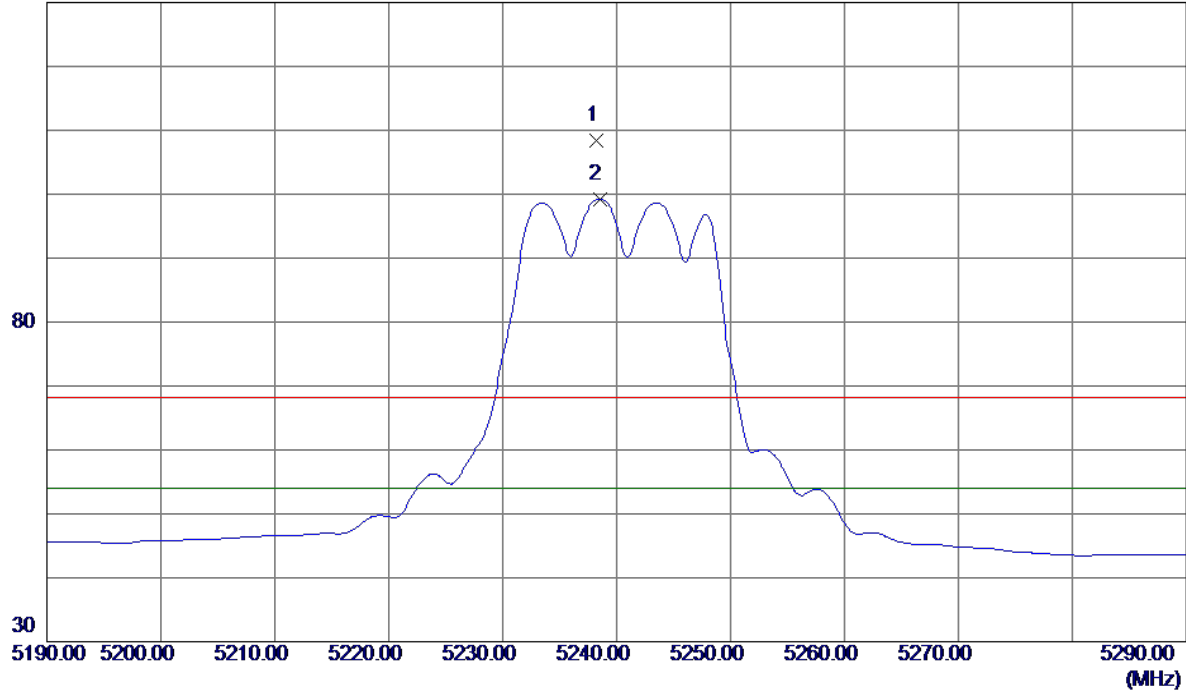


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.3400	22.43	14.90	37.33	999.00	-961.67	AVG	
2 *	10403.9600	33.18	14.91	48.09	68.30	-20.21	Peak	

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

**Vertical**

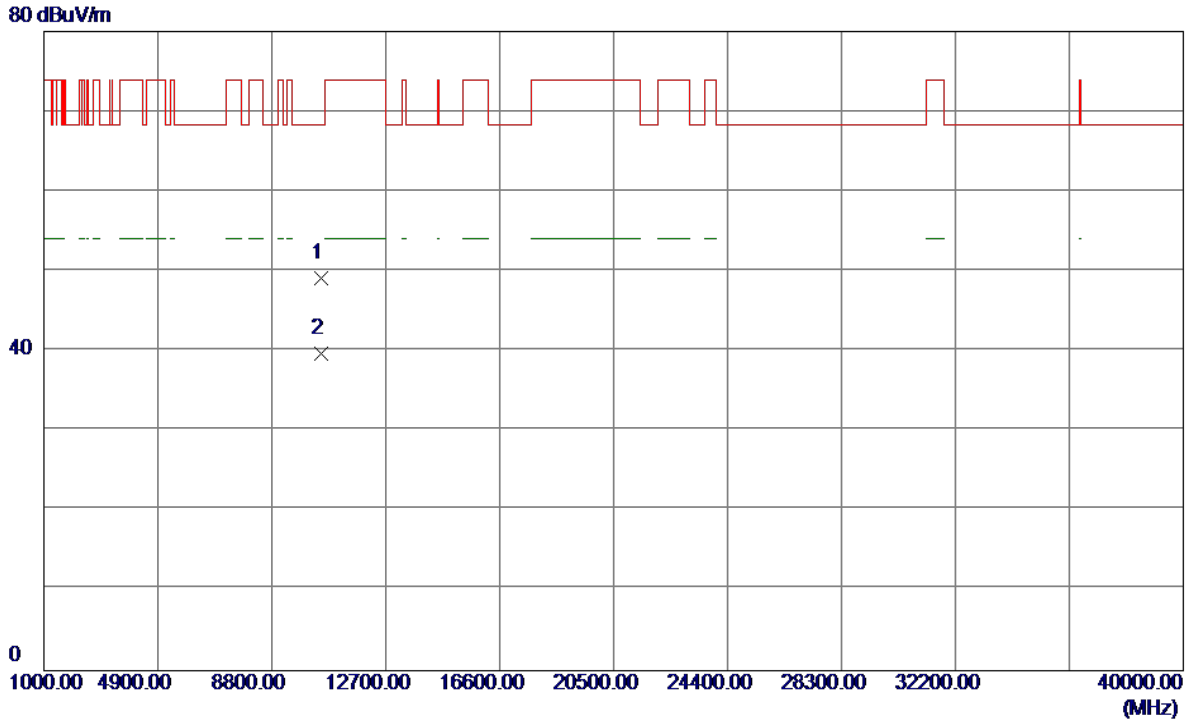
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5238.2000	66.82	41.55	108.37	68.30	40.07	Peak	No Limit
2 *	5238.5000	57.69	41.55	99.24	54.00	45.24	AVG	No Limit

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

**Vertical**

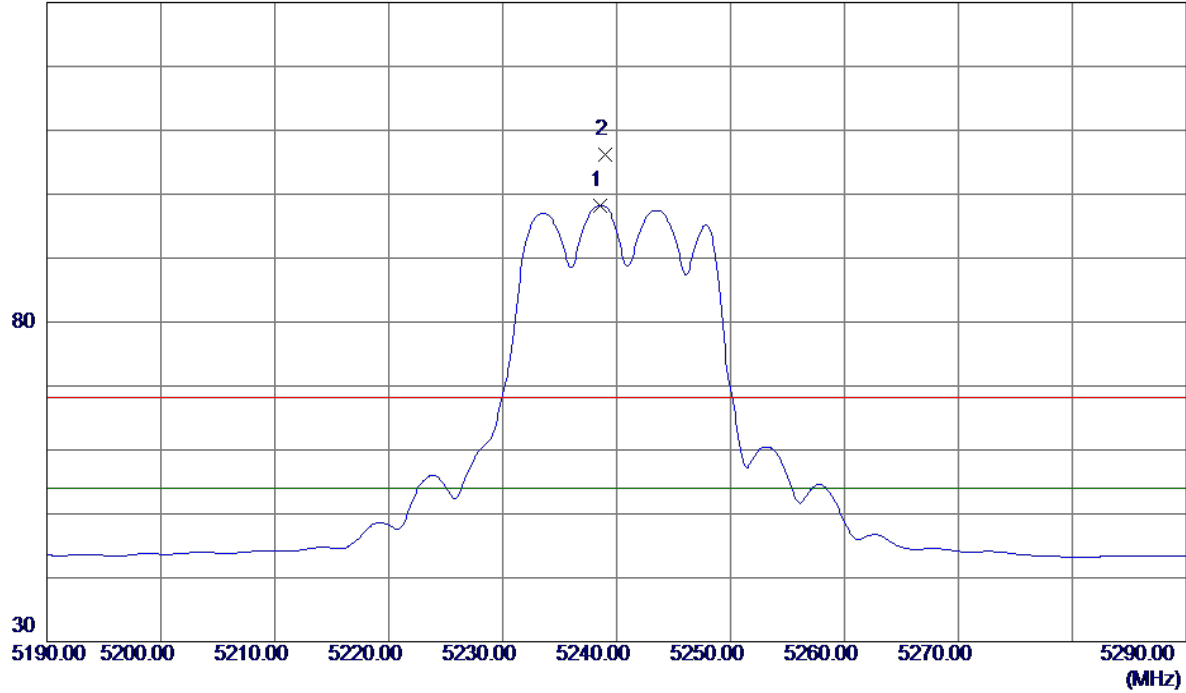


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10474.4800	34.07	15.04	49.11	68.30	-19.19	Peak	
2	10478.3400	24.61	15.05	39.66	999.00	-959.34	AVG	

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

### Horizontal

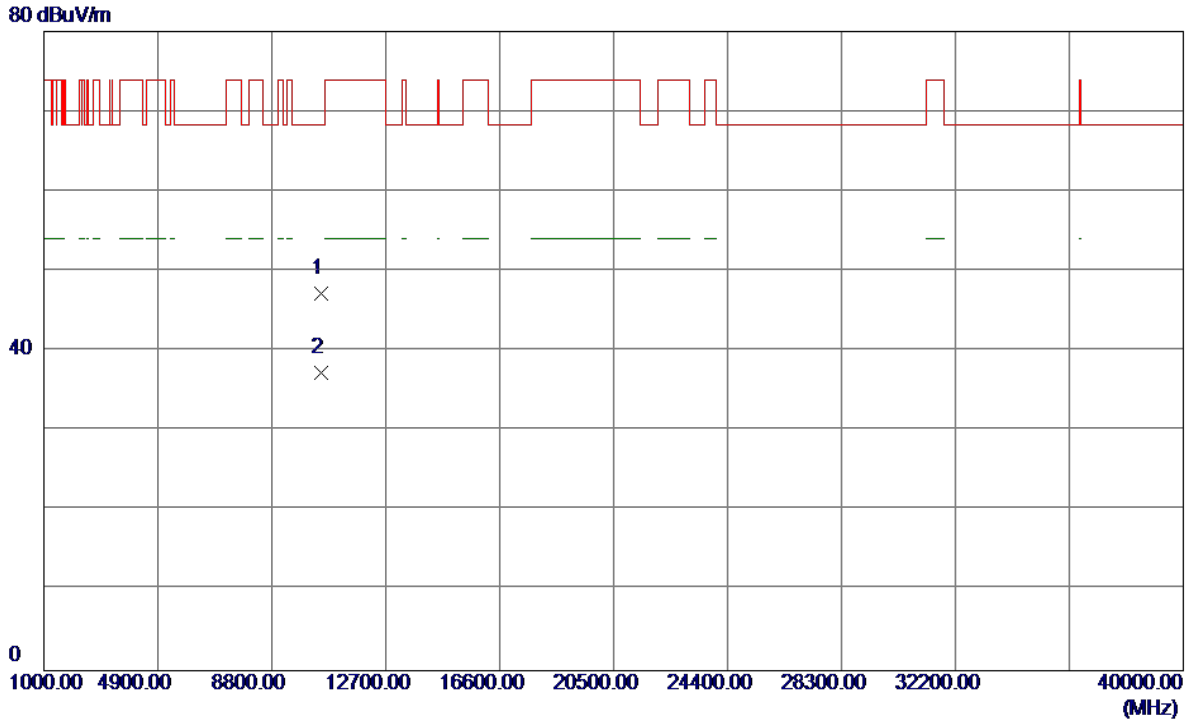
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5238.6000	56.70	41.55	98.25	54.00	44.25	AVG	No Limit
2	5239.0000	64.74	41.55	106.29	68.30	37.99	Peak	No Limit

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

**Horizontal**

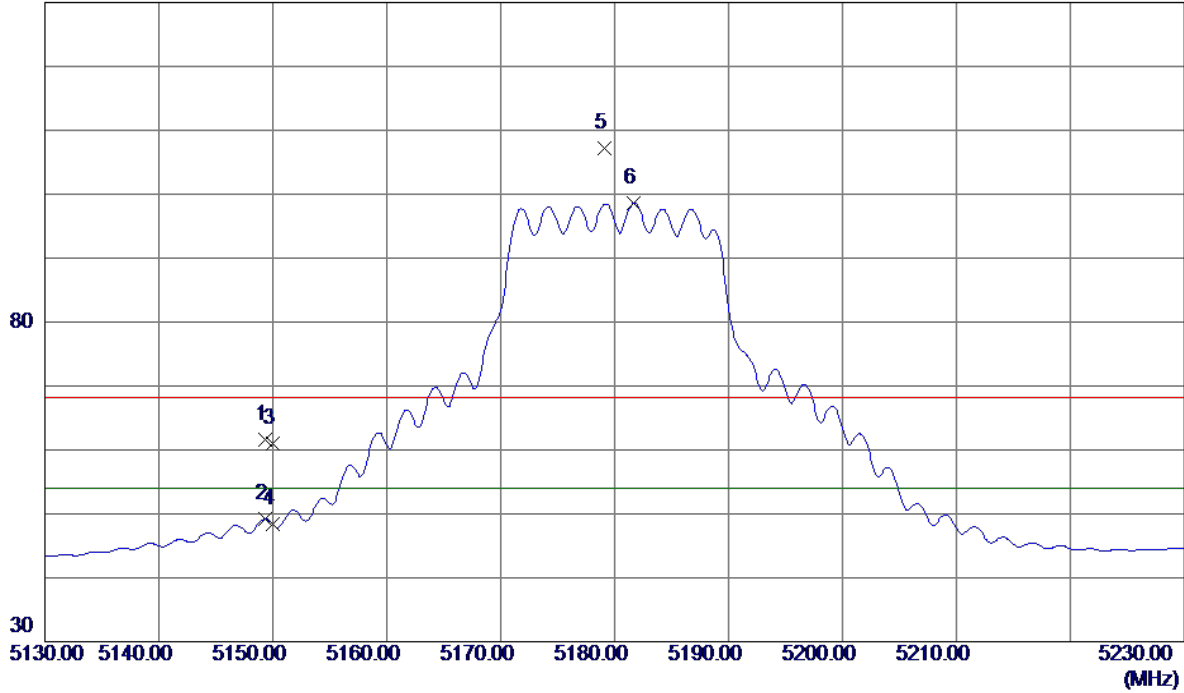


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.0400	32.20	15.06	47.26	68.30	-21.04	Peak	
2	10480.2200	22.28	15.06	37.34	999.00	-961.66	AVG	

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

**Vertical**

130 dBuV/m

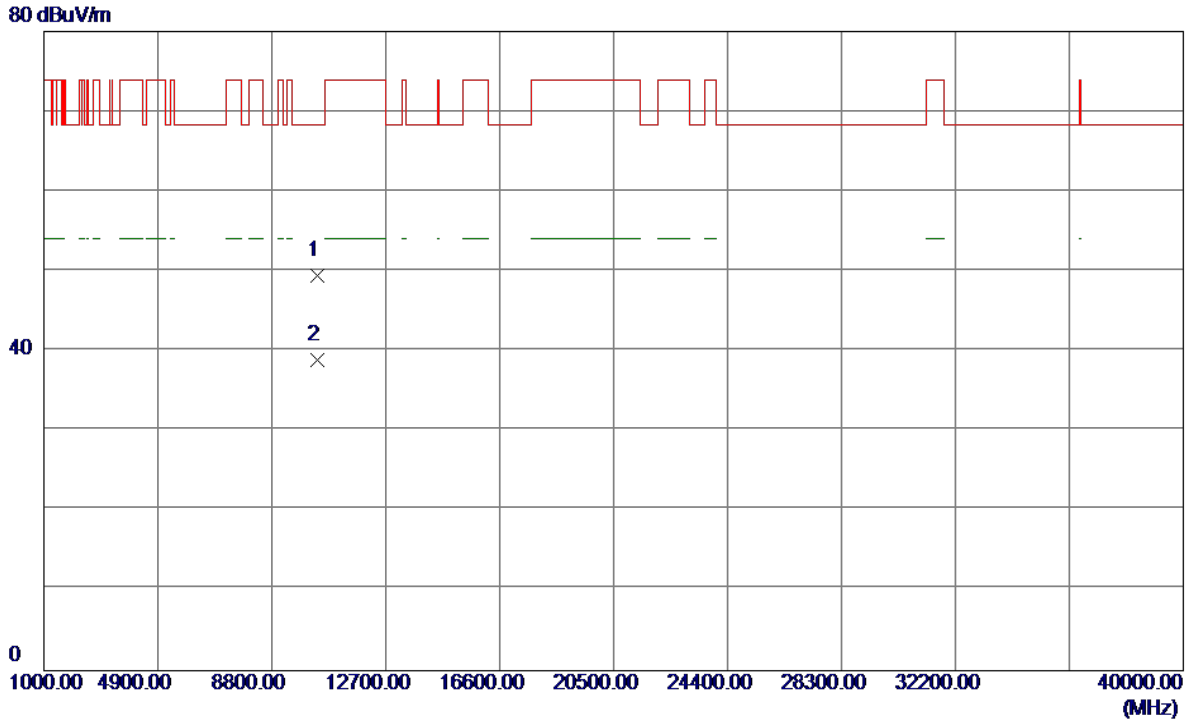


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5149.3000	20.51	41.10	61.61	68.30	-6.69	Peak	
2	5149.3000	8.02	41.10	49.12	54.00	-4.88	AVG	
3	5150.0000	19.96	41.10	61.06	68.30	-7.24	Peak	
4	5150.0000	7.23	41.10	48.33	54.00	-5.67	AVG	
5	5179.1000	65.86	41.25	107.11	68.30	38.81	Peak	No Limit
6 *	5181.7000	57.37	41.26	98.63	54.00	44.63	AVG	No Limit



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

**Vertical**

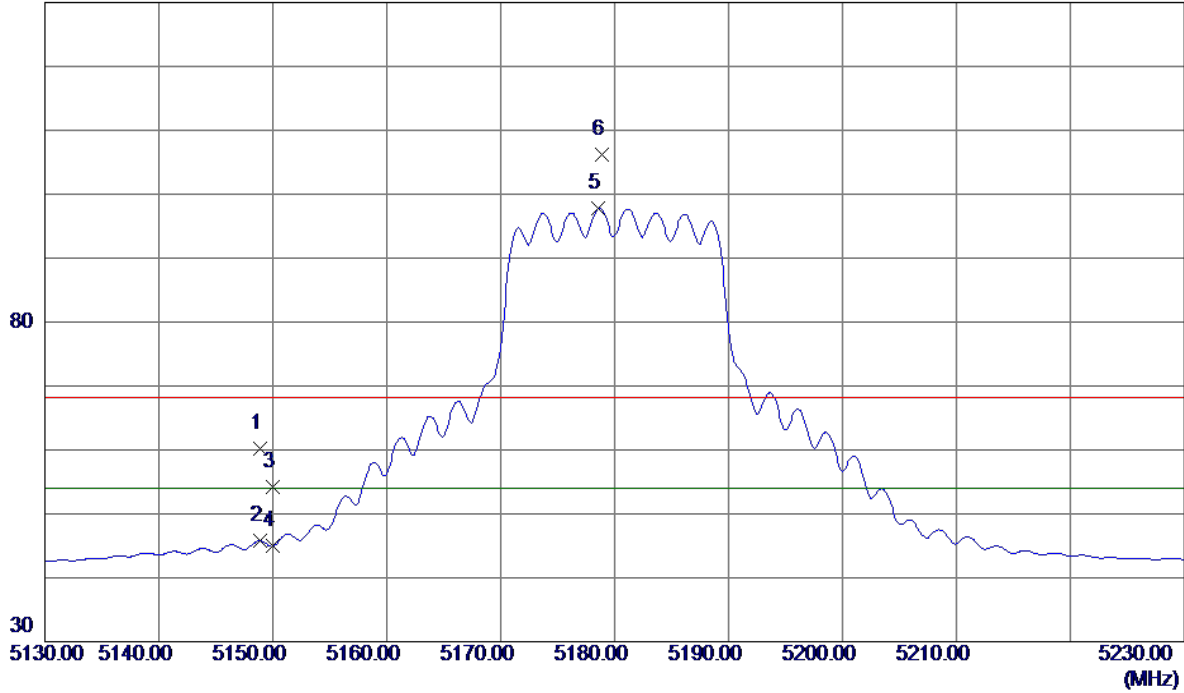


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10357.1600	34.61	14.81	49.42	68.30	-18.88	Peak	
2	10359.7000	24.05	14.82	38.87	999.00	-960.13	AVG	

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

### Horizontal

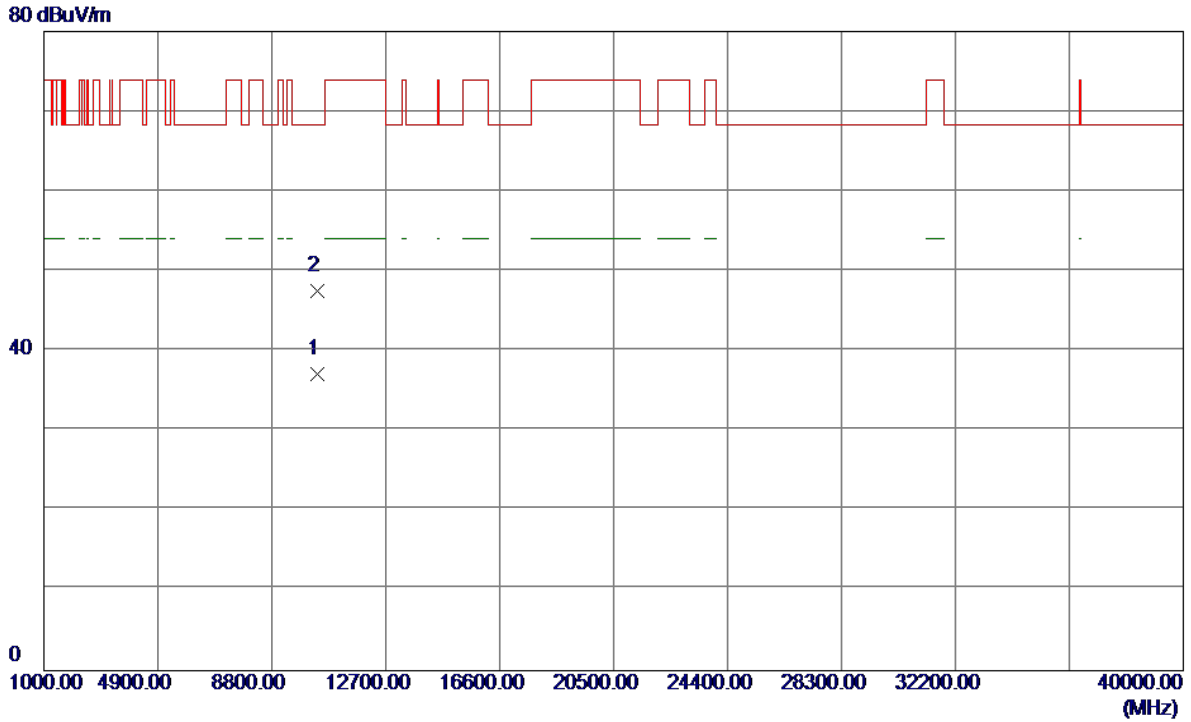
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5148.9000	19.02	41.10	60.12	68.30	-8.18	Peak	
2	5148.9000	4.63	41.10	45.73	54.00	-8.27	AVG	
3	5150.0000	13.09	41.10	54.19	68.30	-14.11	Peak	
4	5150.0000	3.81	41.10	44.91	54.00	-9.09	AVG	
5 *	5178.6000	56.54	41.25	97.79	54.00	43.79	AVG	No Limit
6	5178.9000	64.91	41.25	106.16	68.30	37.86	Peak	No Limit

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

**Horizontal**

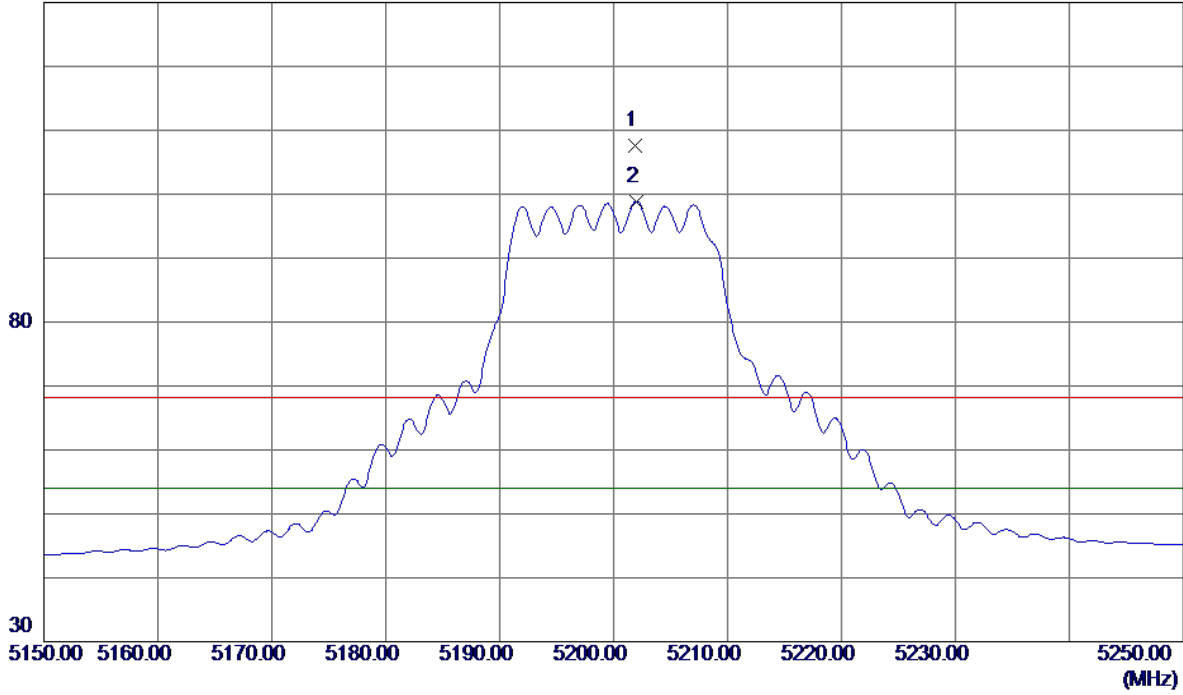


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10359.2200	22.27	14.82	37.09	999.00	-961.91	AVG	
2 *	10361.2200	32.63	14.82	47.45	68.30	-20.85	Peak	

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

**Vertical**

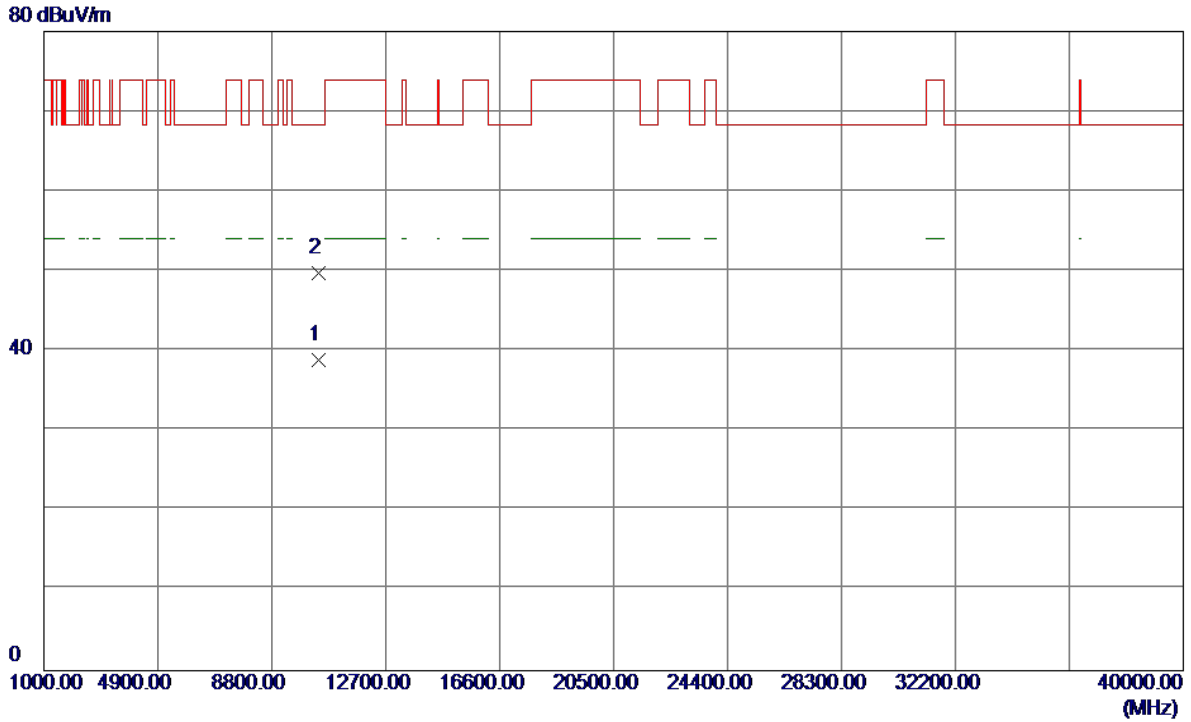
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5201.9000	66.22	41.37	107.59	68.30	39.29	Peak	No Limit
2 *	5202.0000	57.46	41.37	98.83	54.00	44.83	AVG	No Limit

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

**Vertical**

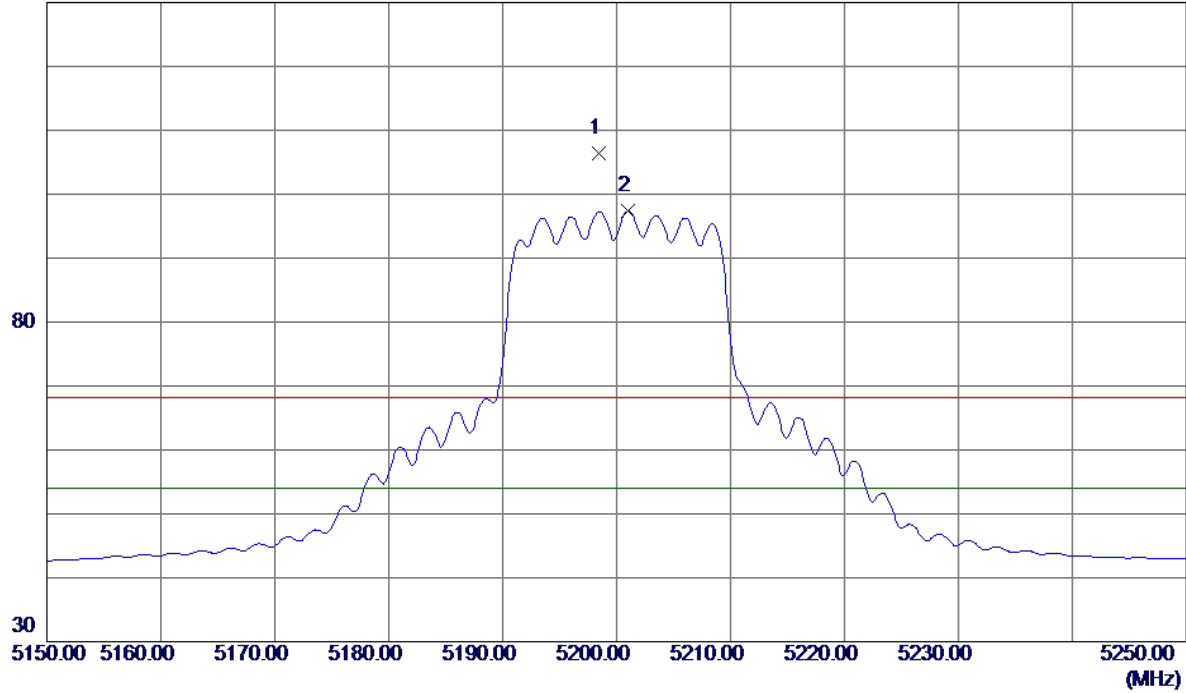


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10399.2200	23.99	14.90	38.89	999.00	-960.11	AVG	
2 *	10399.4600	34.85	14.90	49.75	68.30	-18.55	Peak	

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

**Horizontal**

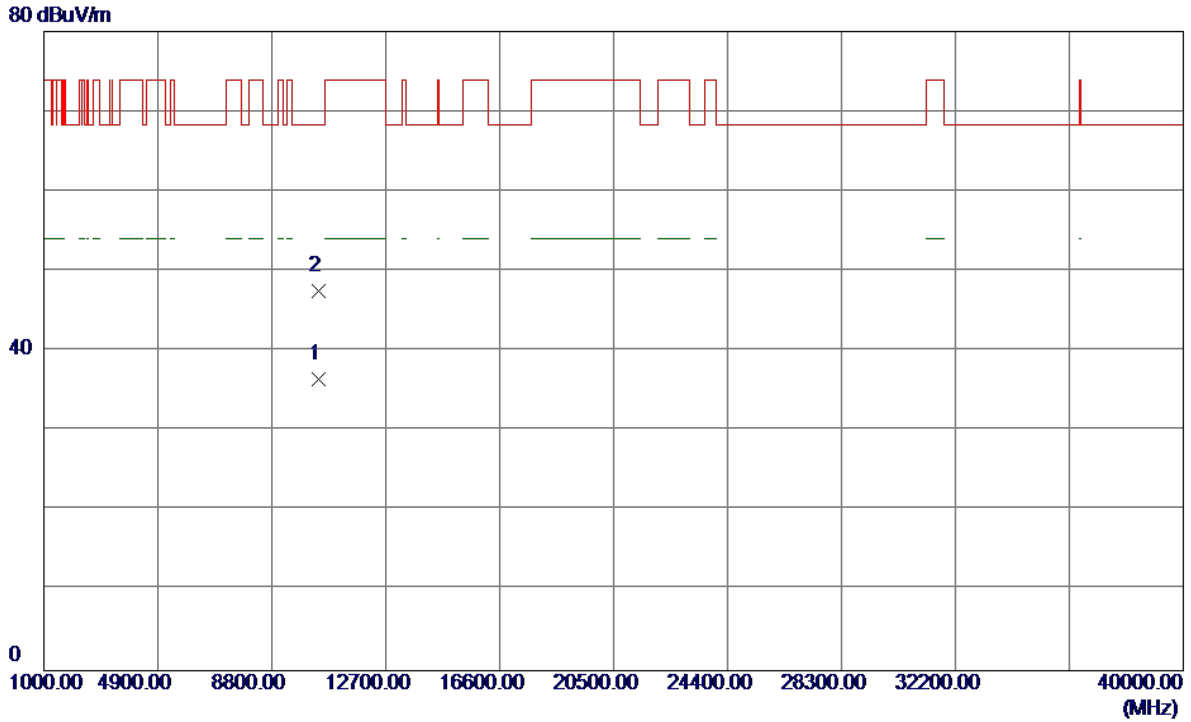
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5198.4000	65.05	41.35	106.40	68.30	38.10	Peak	No Limit
2 *	5201.0000	55.95	41.36	97.31	54.00	43.31	AVG	No Limit

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

**Horizontal**

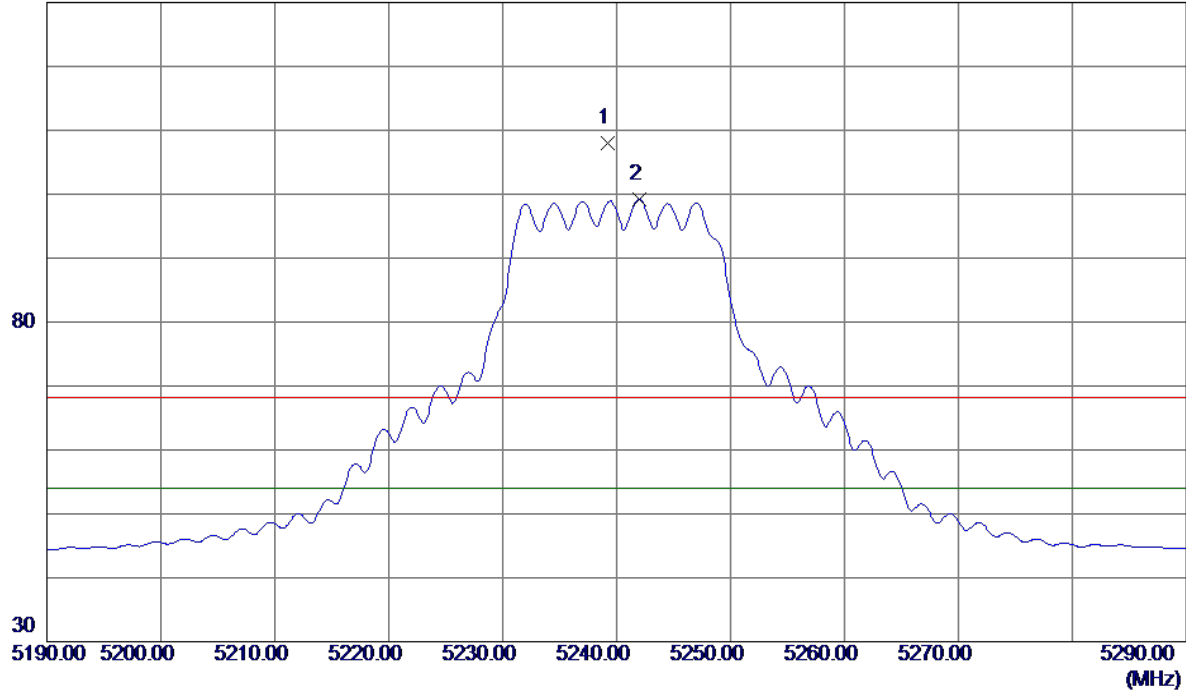


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.1800	21.58	14.90	36.48	999.00	-962.52	AVG	
2 *	10401.5000	32.67	14.90	47.57	68.30	-20.73	Peak	

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

**Vertical**

130 dBuV/m

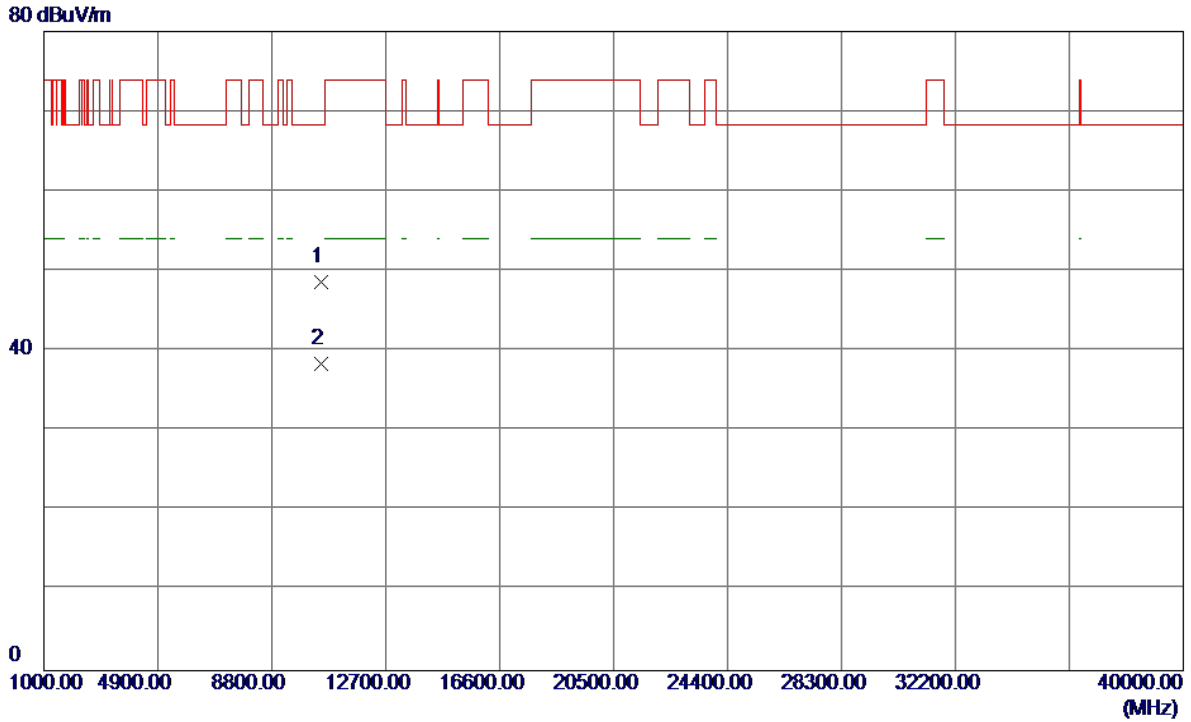


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5239.2000	66.53	41.56	108.09	68.30	39.79	Peak	No Limit
2 *	5242.0000	57.59	41.57	99.16	54.00	45.16	AVG	No Limit



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

**Vertical**

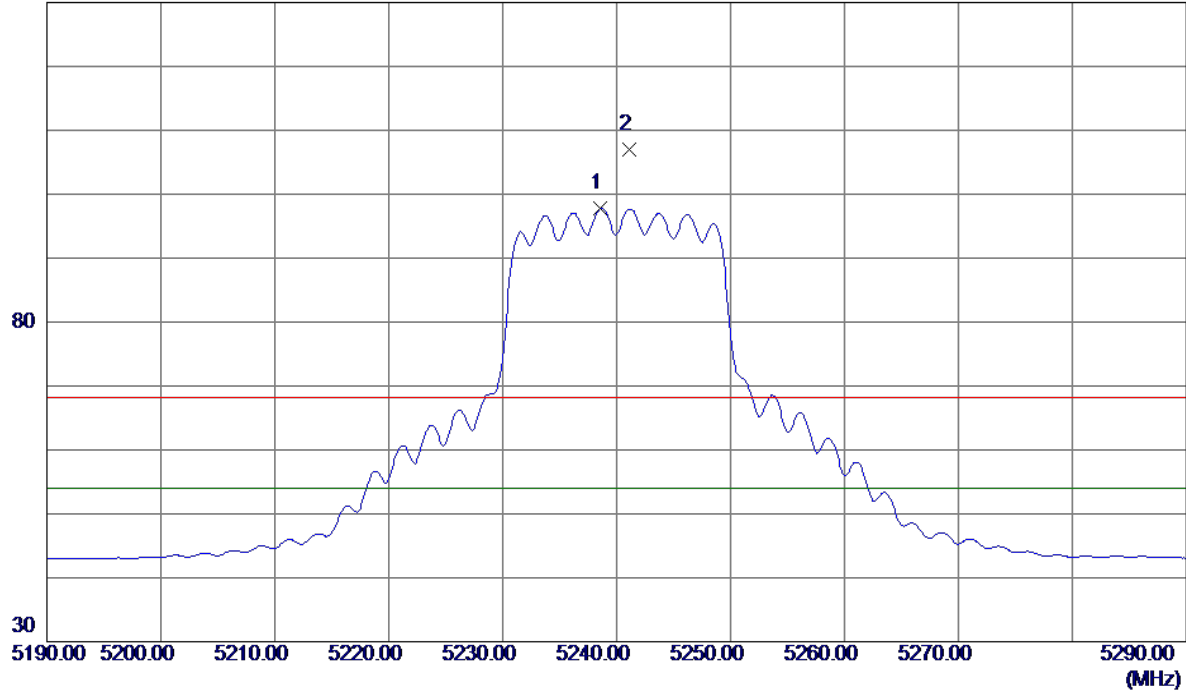


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10476.7800	33.55	15.05	48.60	68.30	-19.70	Peak	
2	10477.1200	23.42	15.05	38.47	999.00	-960.53	AVG	

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

**Horizontal**

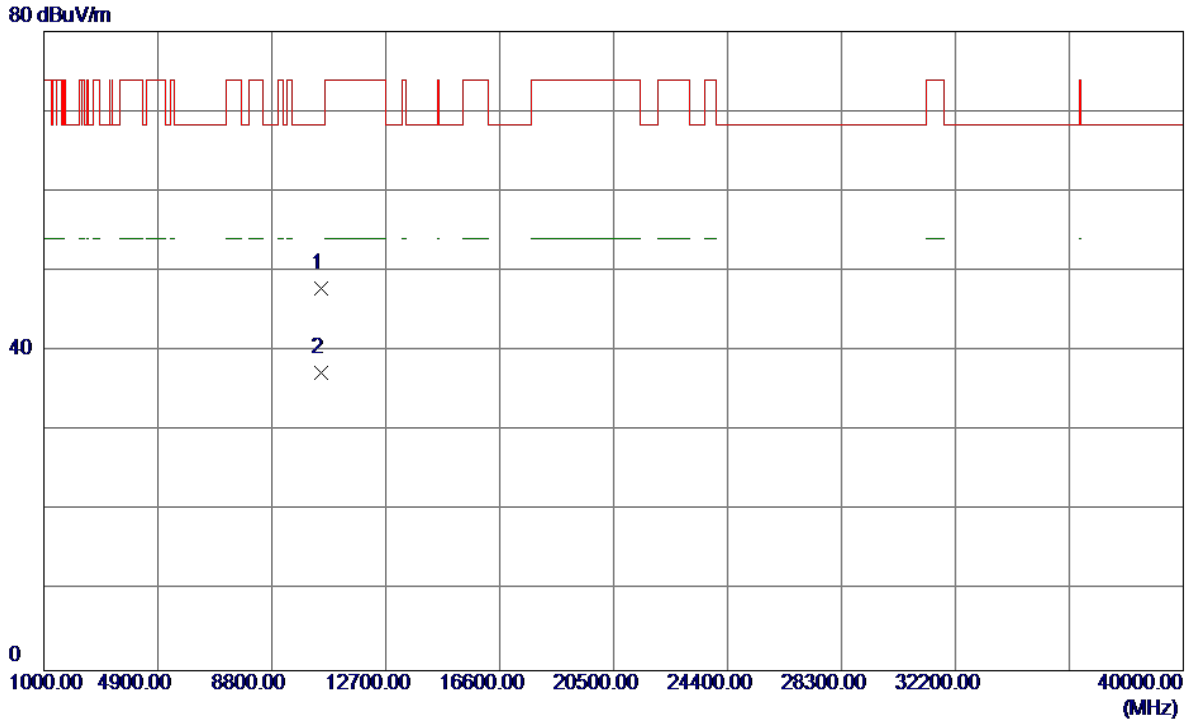
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5238.6000	56.24	41.55	97.79	54.00	43.79	AVG	No Limit
2	5241.1000	65.39	41.56	106.95	68.30	38.65	Peak	No Limit

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

**Horizontal**

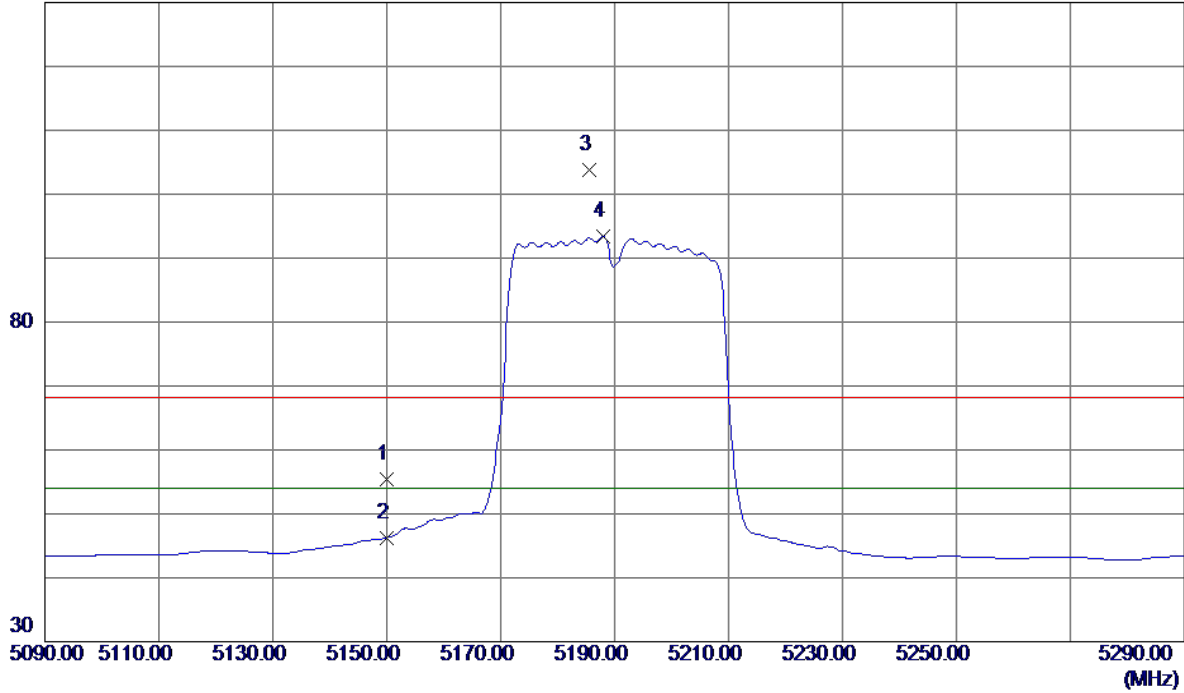


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10475.7000	32.84	15.05	47.89	68.30	-20.41	Peak	
2	10478.9800	22.16	15.05	37.21	999.00	-961.79	AVG	

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

**Vertical**

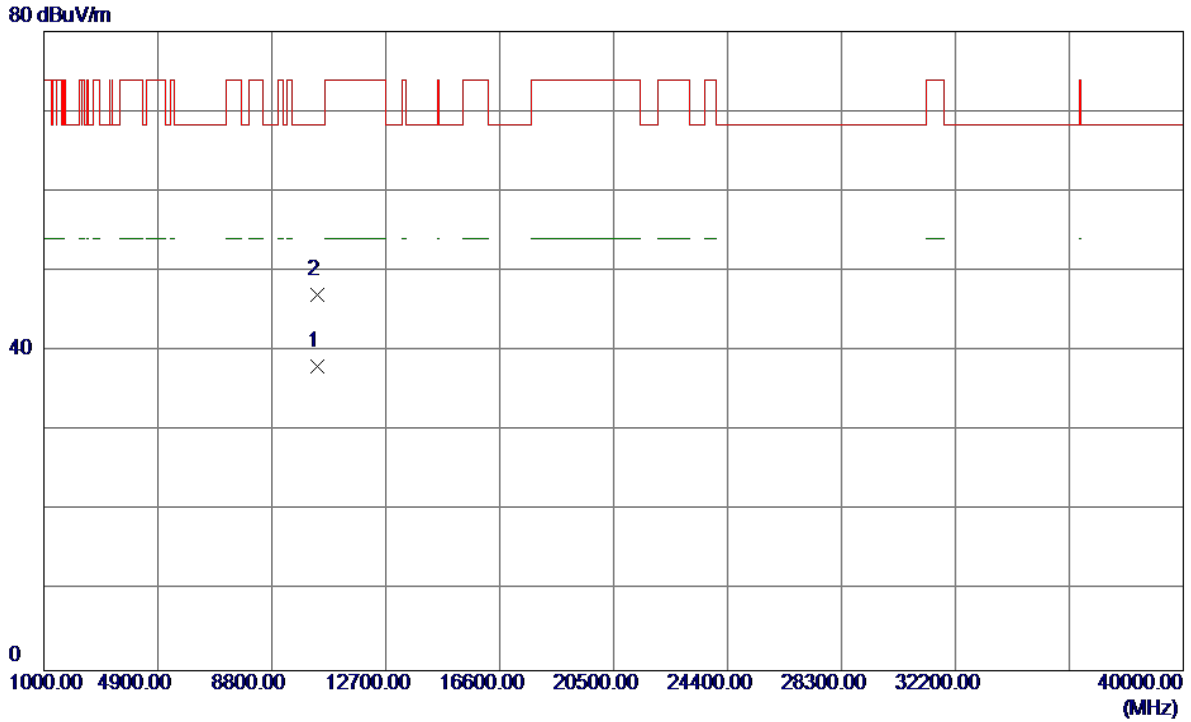
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	14.26	41.10	55.36	68.30	-12.94	Peak	
2	5150.0000	5.16	41.10	46.26	54.00	-7.74	AVG	
3	5185.6000	62.58	41.28	103.86	68.30	35.56	Peak	No Limit
4 *	5188.0000	52.07	41.29	93.36	54.00	39.36	AVG	No Limit

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

**Vertical**

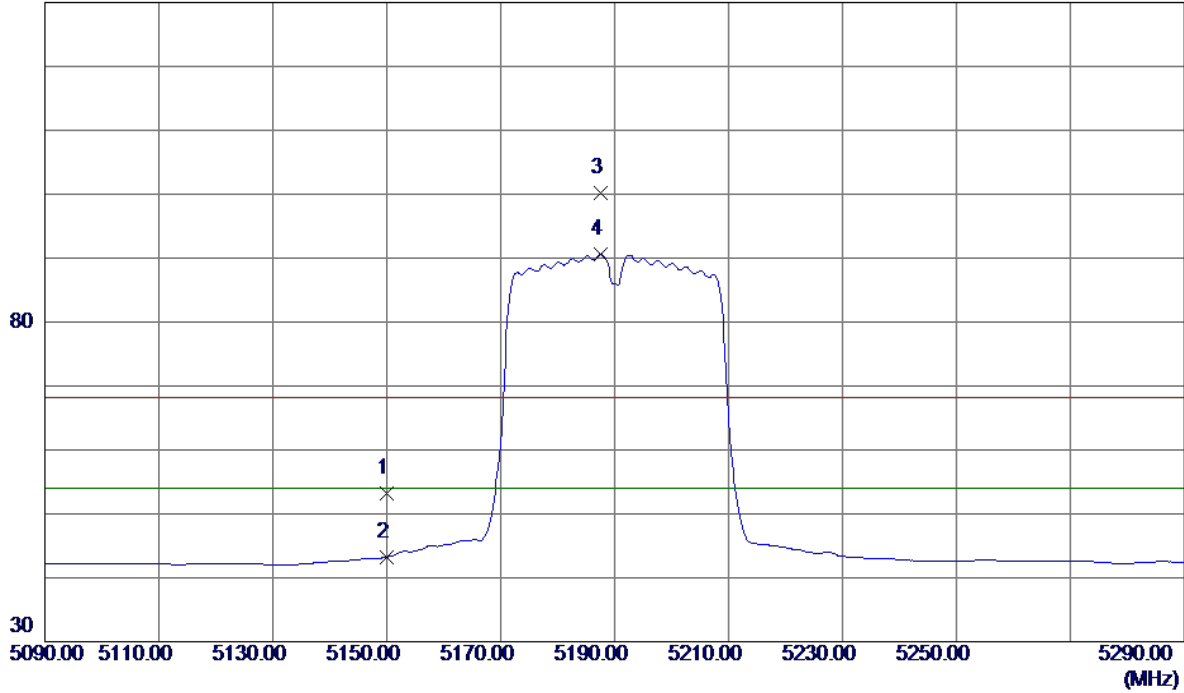


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10374.2000	23.28	14.85	38.13	999.00	-960.87	AVG	
2 *	10378.5000	32.16	14.86	47.02	68.30	-21.28	Peak	

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

### Horizontal

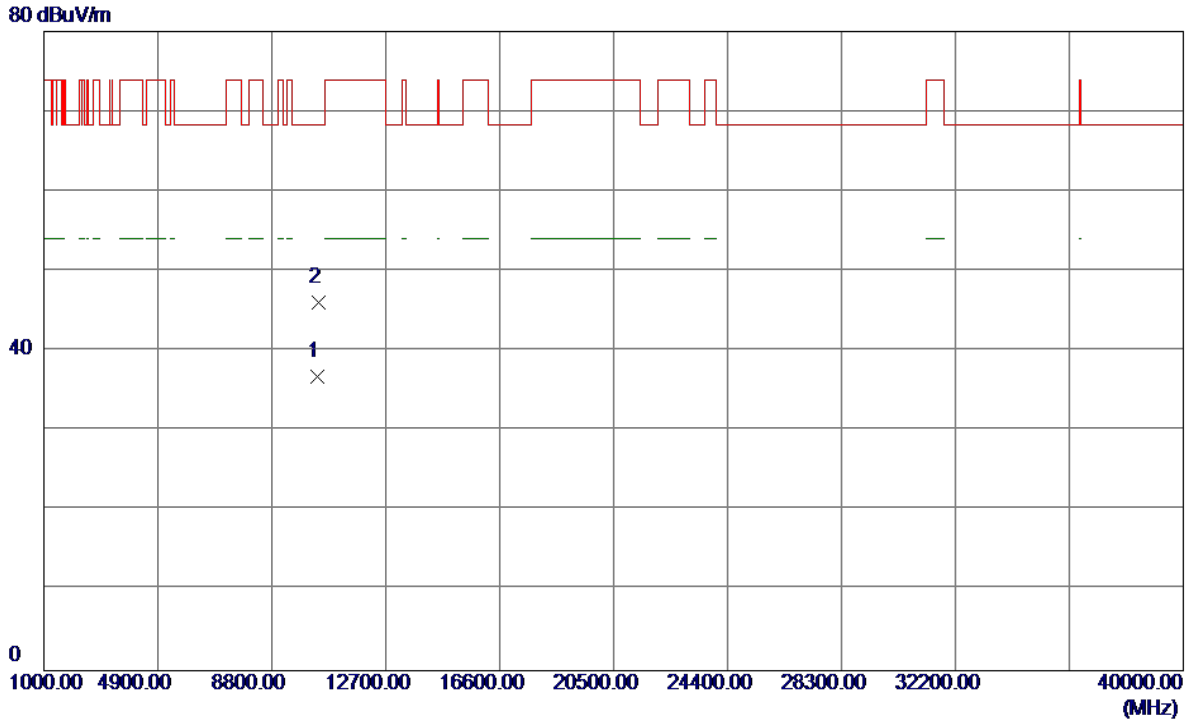
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	12.04	41.10	53.14	68.30	-15.16	Peak	
2	5150.0000	2.17	41.10	43.27	54.00	-10.73	AVG	
3	5187.6000	58.86	41.29	100.15	68.30	31.85	Peak	No Limit
4 *	5187.6000	49.29	41.29	90.58	54.00	36.58	AVG	No Limit

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

**Horizontal**

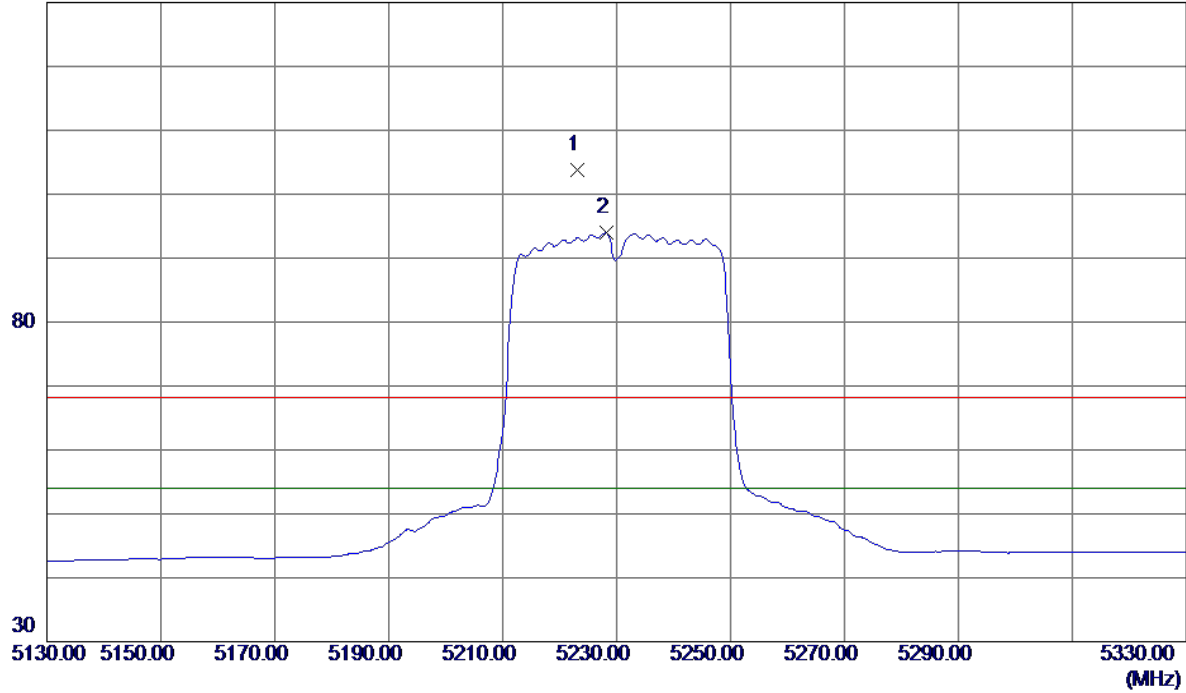


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10381.0400	21.95	14.86	36.81	999.00	-962.19	AVG	
2 *	10383.8600	31.26	14.87	46.13	68.30	-22.17	Peak	

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

**Vertical**

130 dBuV/m

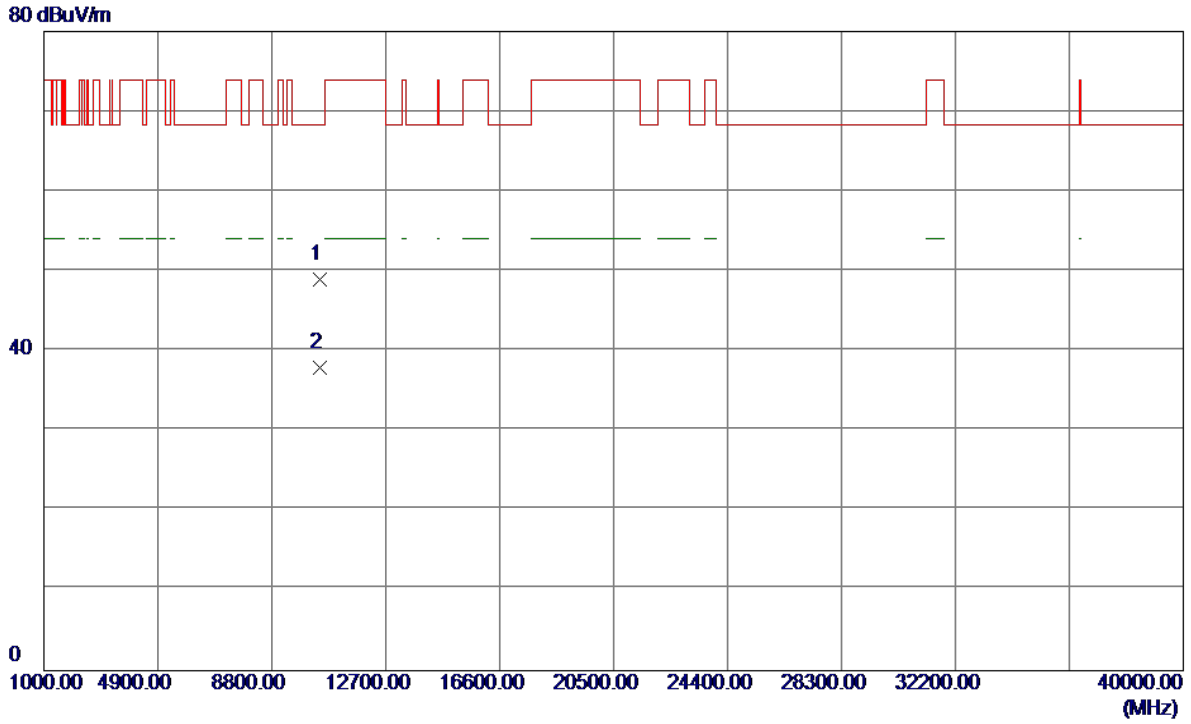


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5223.2000	62.27	41.47	103.74	68.30	35.44	Peak	No Limit
2 *	5228.2000	52.45	41.50	93.95	54.00	39.95	AVG	No Limit



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

**Vertical**

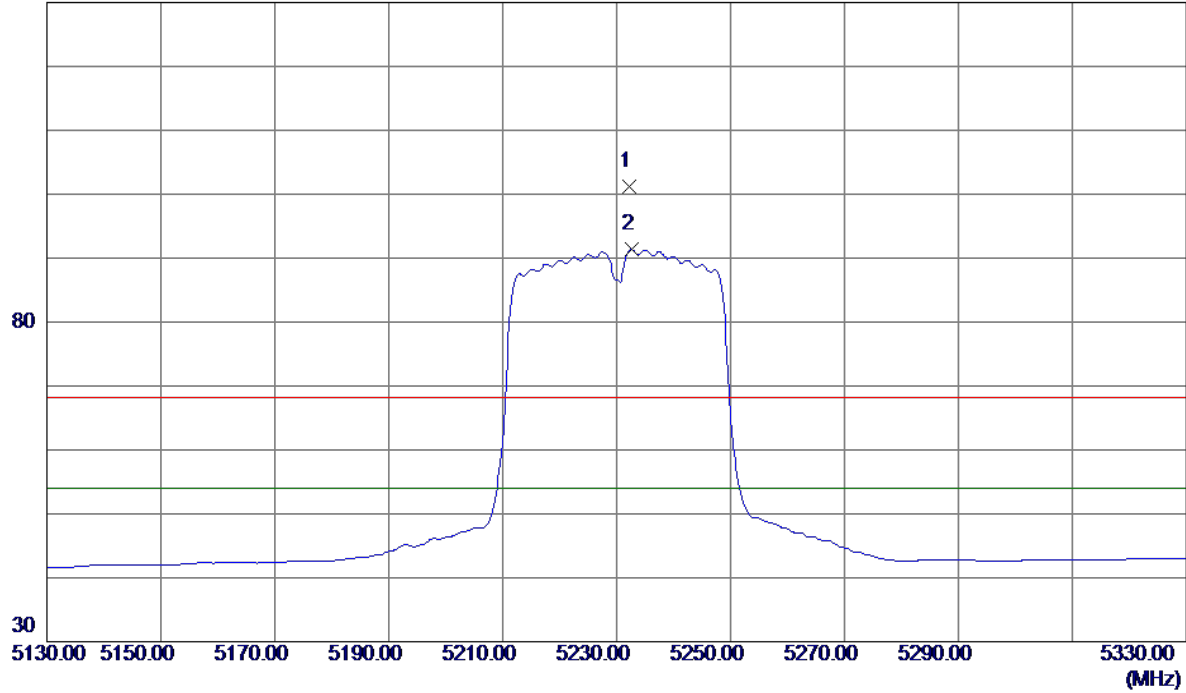


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10458.8600	33.99	15.01	49.00	68.30	-19.30	Peak	
2	10459.8600	22.86	15.02	37.88	999.00	-961.12	AVG	

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

**Horizontal**

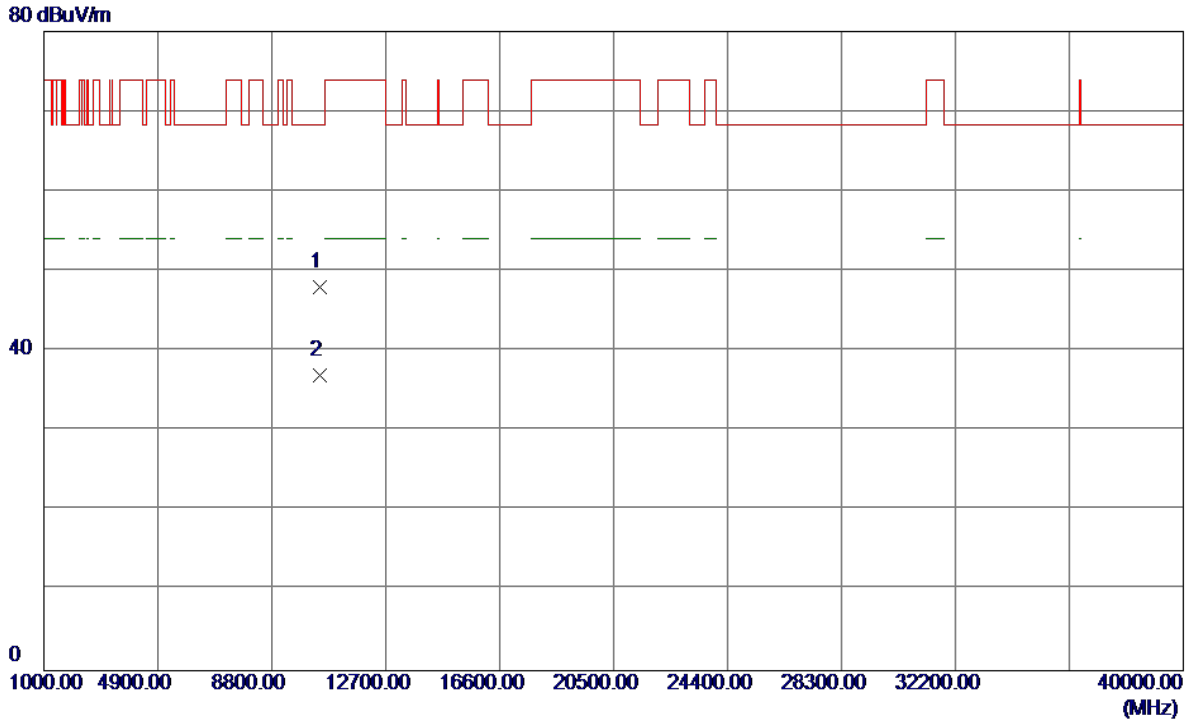
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.2000	59.63	41.52	101.15	68.30	32.85	Peak	No Limit
2 *	5232.6000	49.79	41.52	91.31	54.00	37.31	AVG	No Limit

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

**Horizontal**

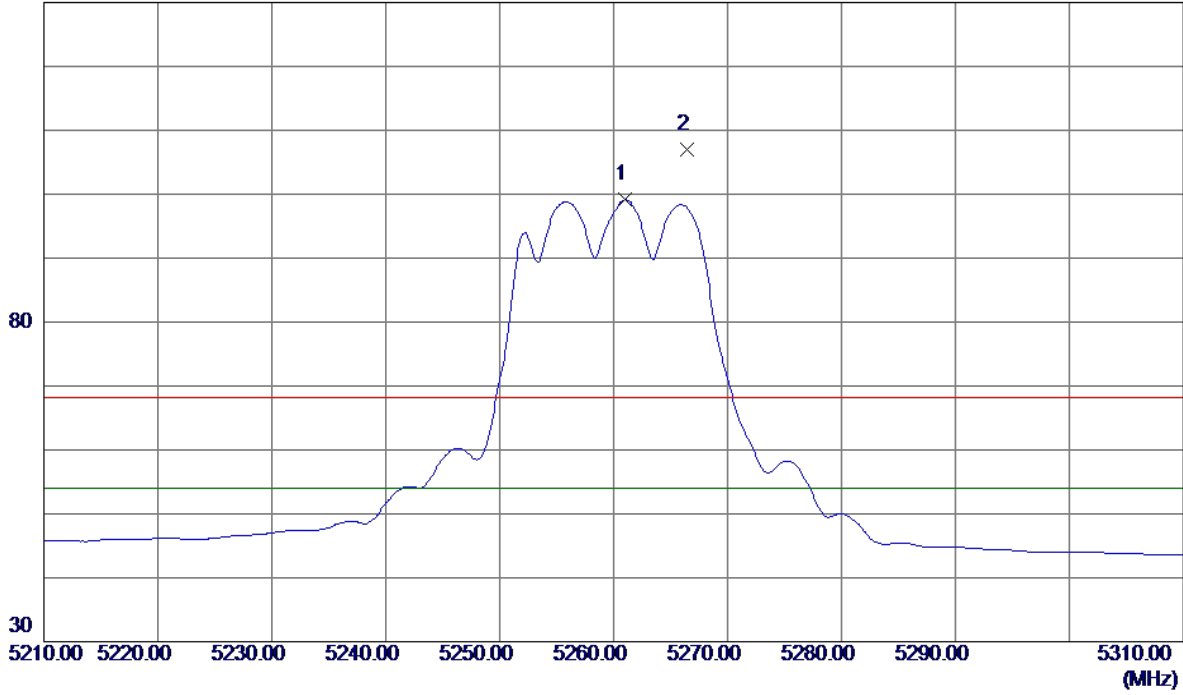


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10455.9200	32.98	15.01	47.99	68.30	-20.31	Peak	
2	10459.2300	21.99	15.01	37.00	999.00	-962.00	AVG	

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

**Vertical**

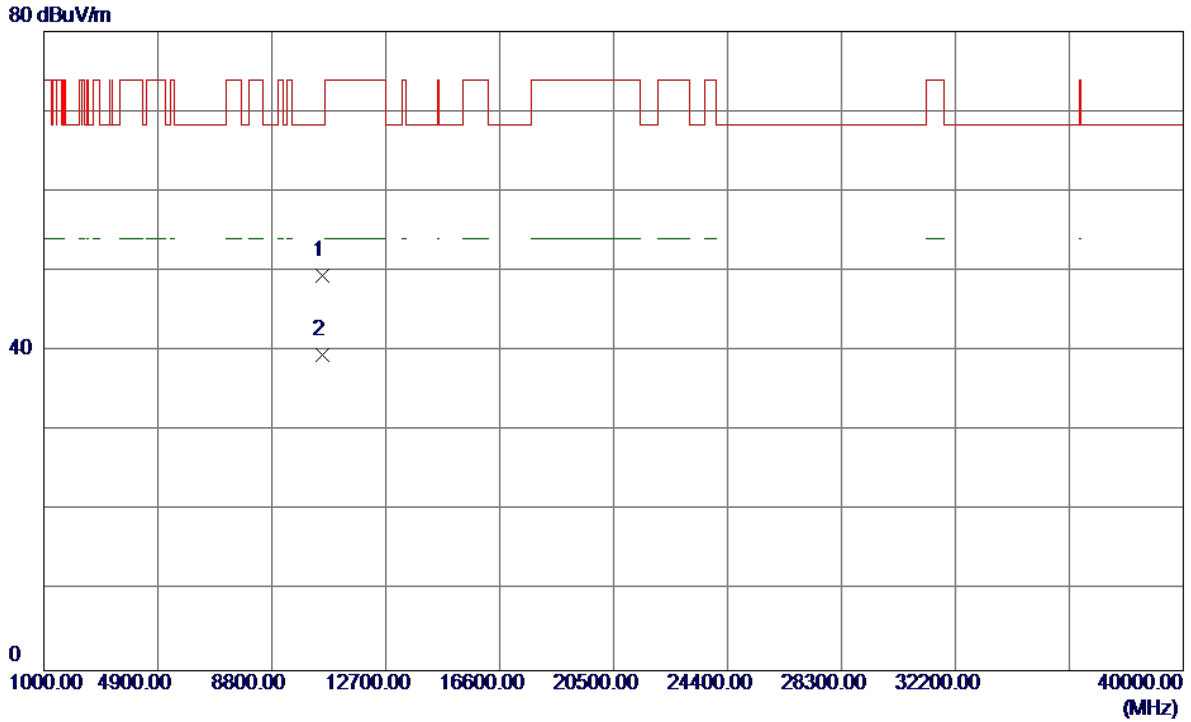
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5261.0000	57.45	41.67	99.12	54.00	45.12	AVG	No Limit
2	5266.4000	65.27	41.69	106.96	68.30	38.66	Peak	No Limit

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

**Vertical**

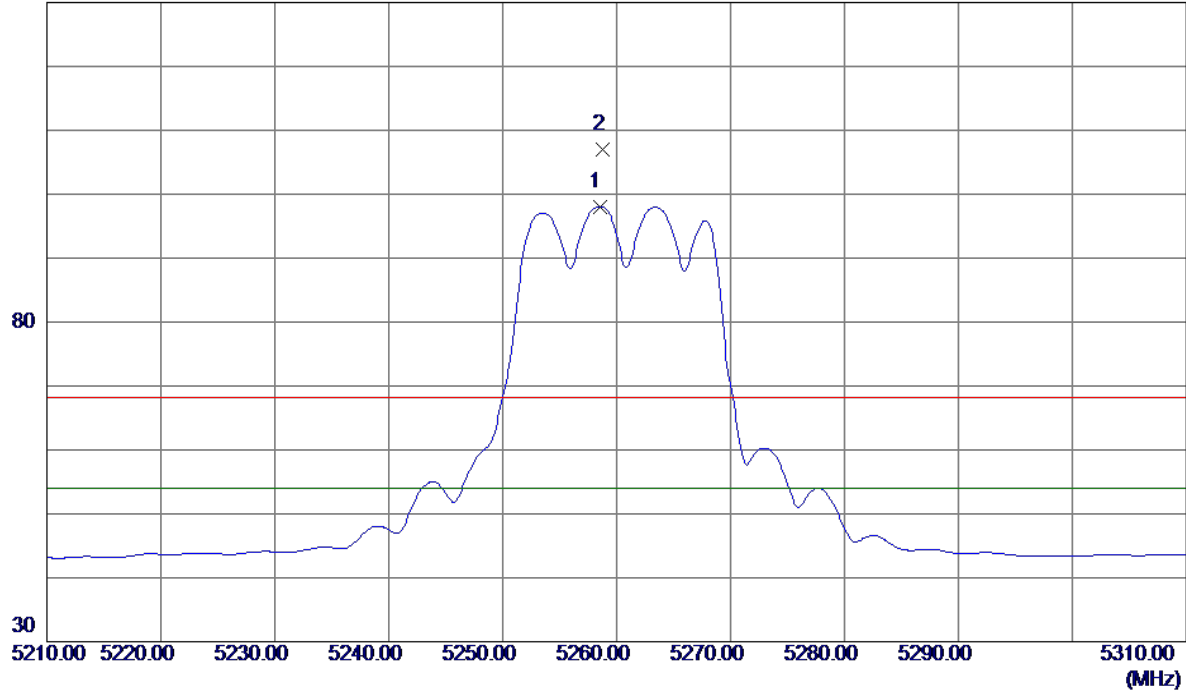


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10519.1400	34.37	15.08	49.45	68.30	-18.85	Peak	
2	10523.6400	24.37	15.08	39.45	999.00	-959.55	AVG	

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

**Horizontal**

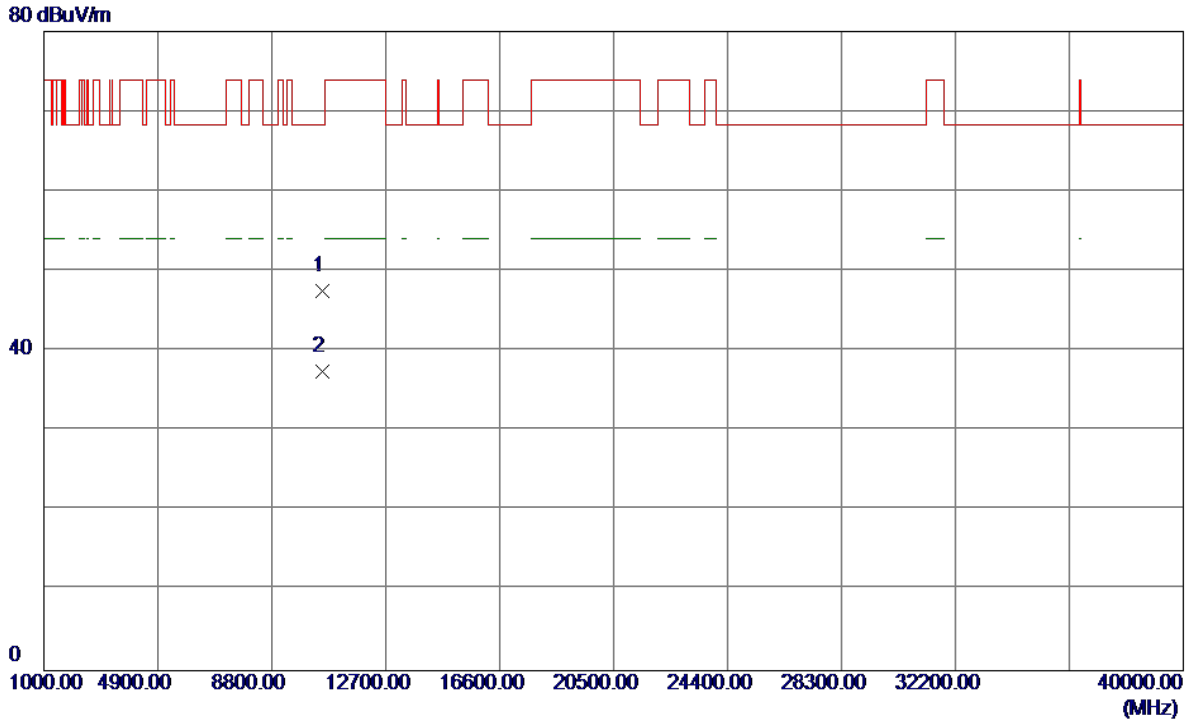
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5258.5000	56.42	41.65	98.07	54.00	44.07	AVG	No Limit
2	5258.8000	65.29	41.65	106.94	68.30	38.64	Peak	No Limit

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

**Horizontal**

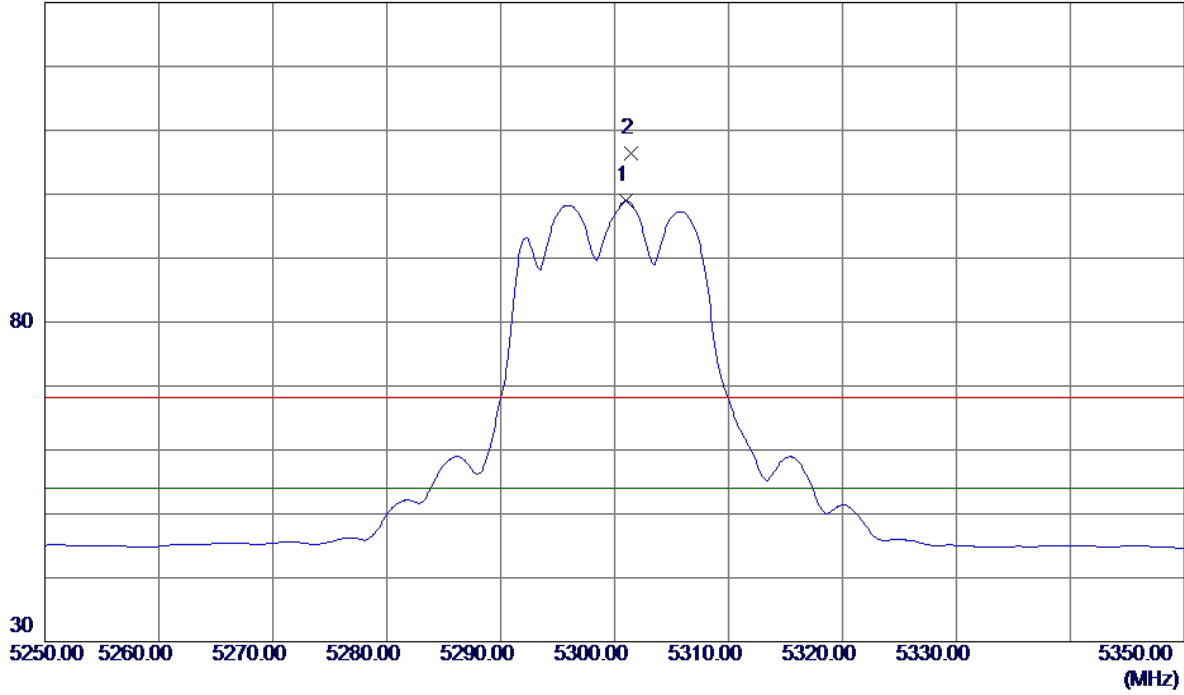


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10518.6600	32.40	15.08	47.48	68.30	-20.82	Peak	
2	10520.5199	22.40	15.08	37.48	999.00	-961.52	AVG	

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

**Vertical**

130 dBuV/m

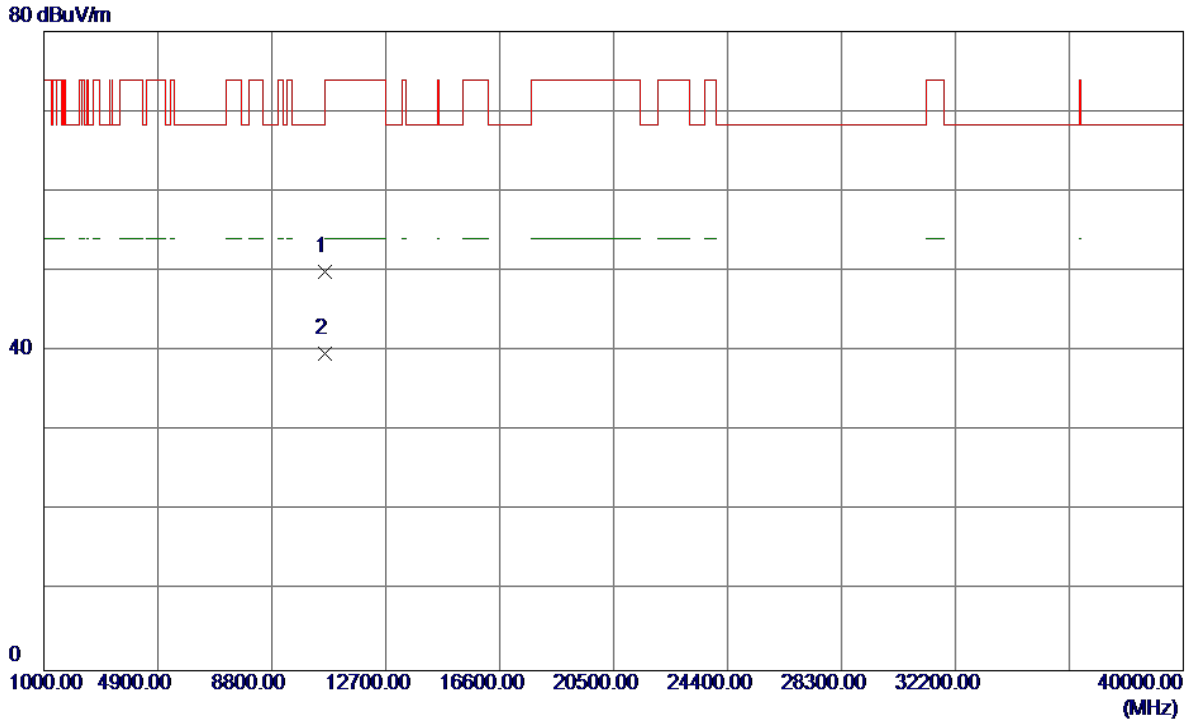


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.0000	57.05	41.87	98.92	54.00	44.92	AVG	No Limit
2	5301.4000	64.51	41.87	106.38	68.30	38.08	Peak	No Limit



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

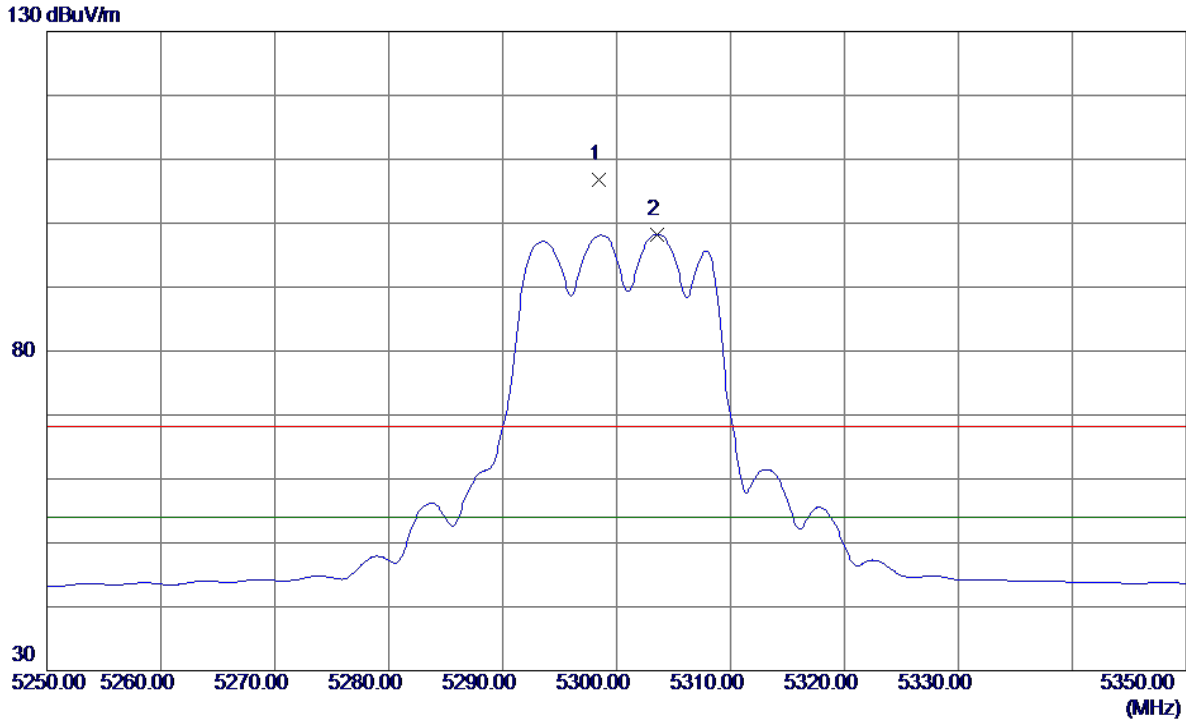
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10598.4400	34.89	15.02	49.91	68.30	-18.39	Peak	
2	10598.5199	24.59	15.02	39.61	999.00	-959.39	AVG	

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

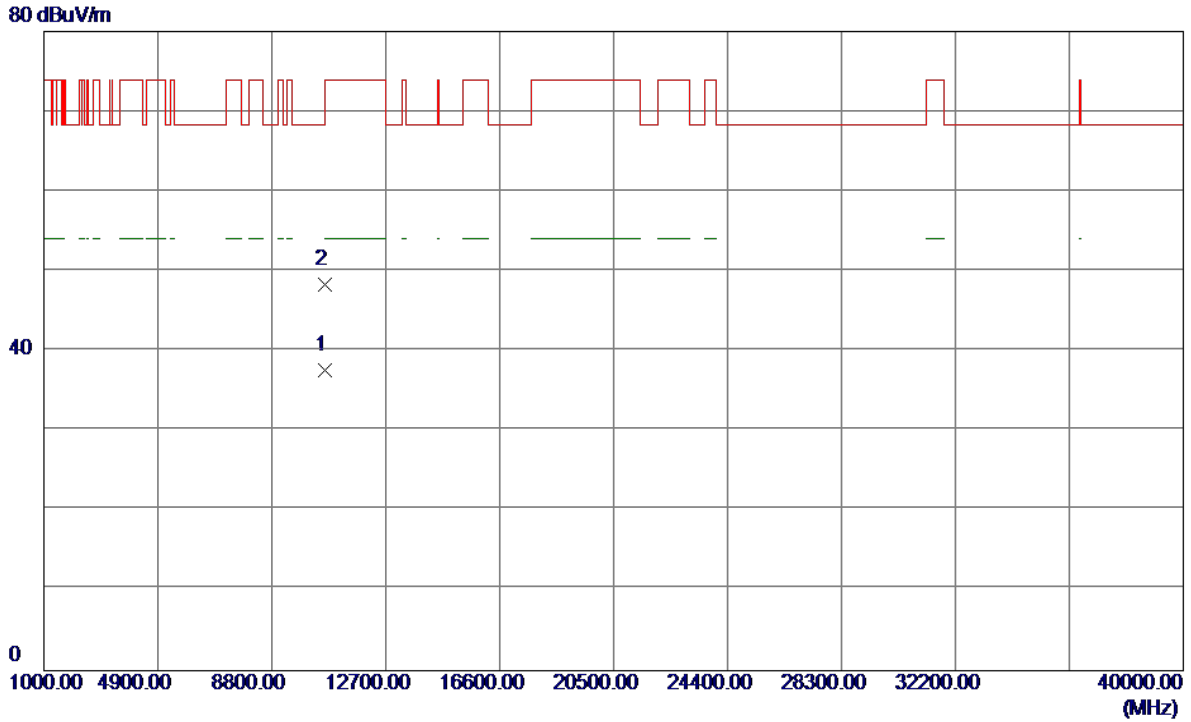
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5298.4000	64.92	41.86	106.78	68.30	38.48	Peak	No Limit
2 *	5303.6000	56.41	41.88	98.29	54.00	44.29	AVG	No Limit

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

**Horizontal**

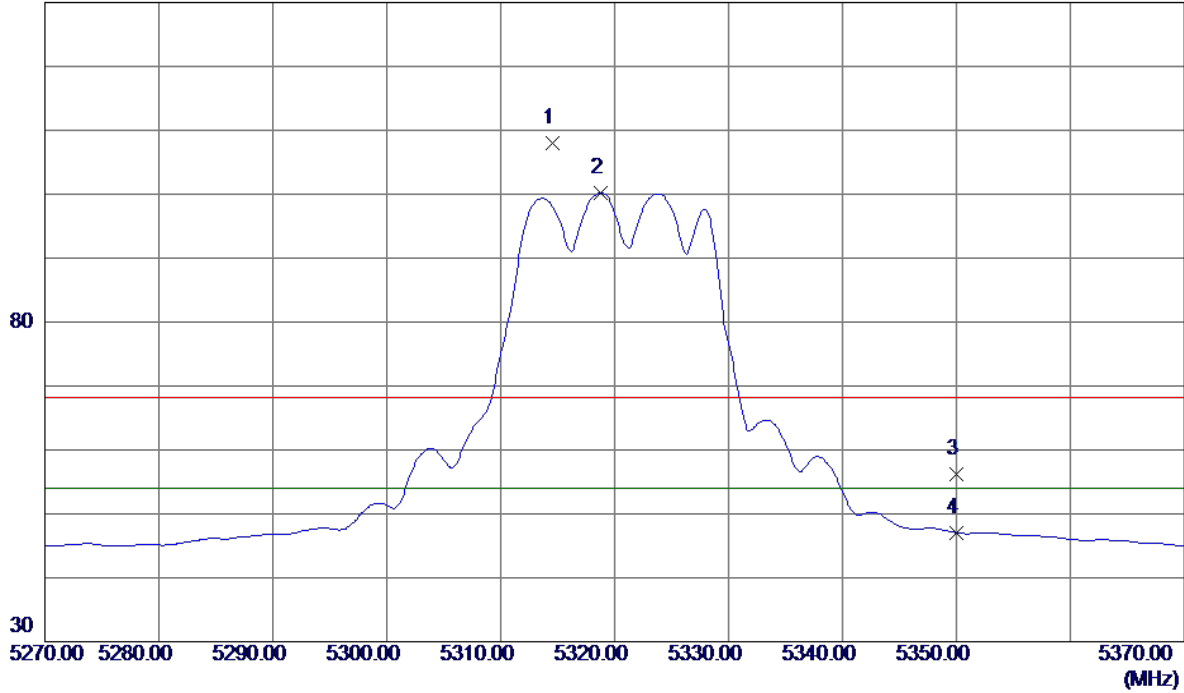


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10600.2400	22.60	15.02	37.62	54.00	-16.38	AVG	
2	10600.5800	33.26	15.02	48.28	74.00	-25.72	Peak	

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

**Vertical**

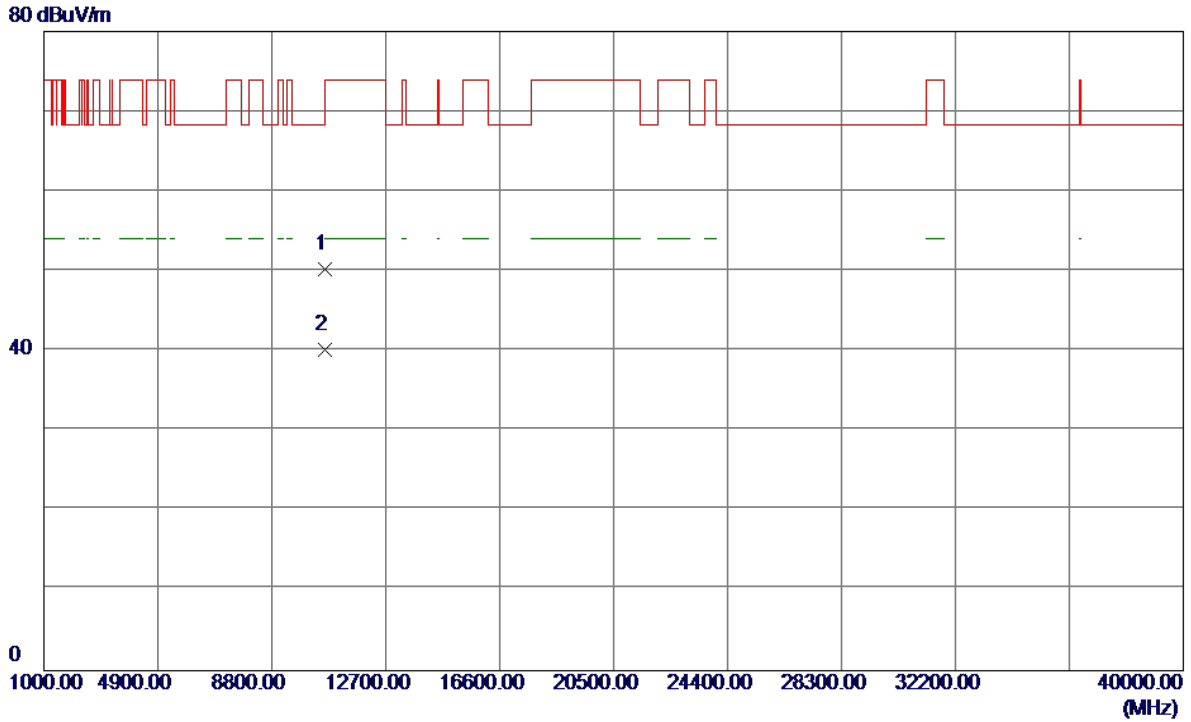
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5314.6000	66.13	41.94	108.07	68.30	39.77	Peak	No Limit
2 *	5318.8000	58.22	41.96	100.18	54.00	46.18	AVG	No Limit
3	5350.0000	14.01	42.12	56.13	68.30	-12.17	Peak	
4	5350.0000	4.92	42.12	47.04	54.00	-6.96	AVG	

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

**Vertical**

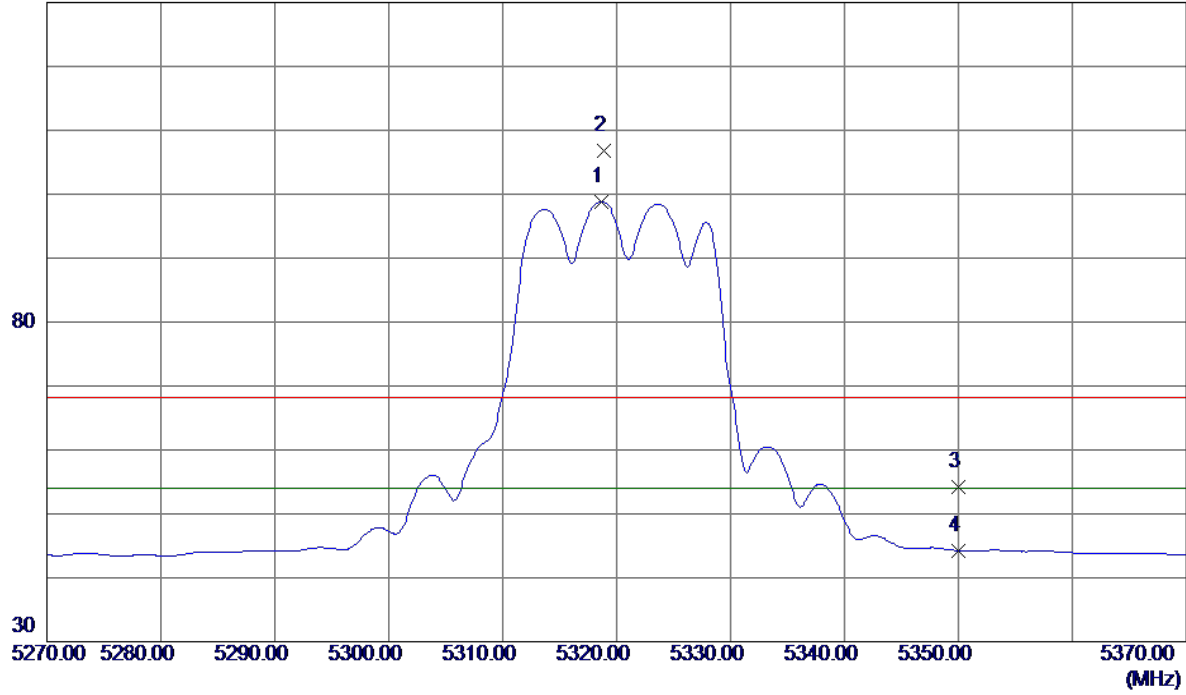


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10638.0400	35.22	14.99	50.21	74.00	-23.79	Peak	
2 *	10638.4400	25.14	14.99	40.13	54.00	-13.87	AVG	

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

**Horizontal**

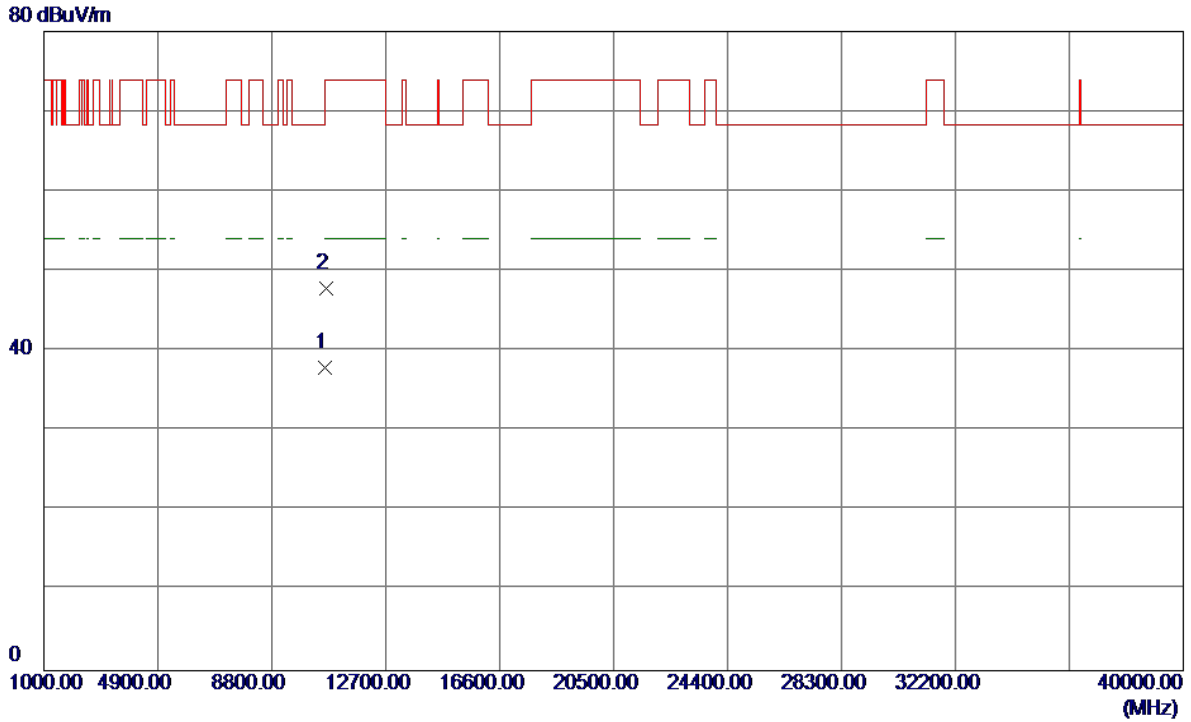
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5318.7000	56.82	41.96	98.78	54.00	44.78	AVG	No Limit
2	5318.9000	64.85	41.96	106.81	68.30	38.51	Peak	No Limit
3	5350.0000	12.11	42.12	54.23	68.30	-14.07	Peak	
4	5350.0000	2.11	42.12	44.23	54.00	-9.77	AVG	

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

**Horizontal**

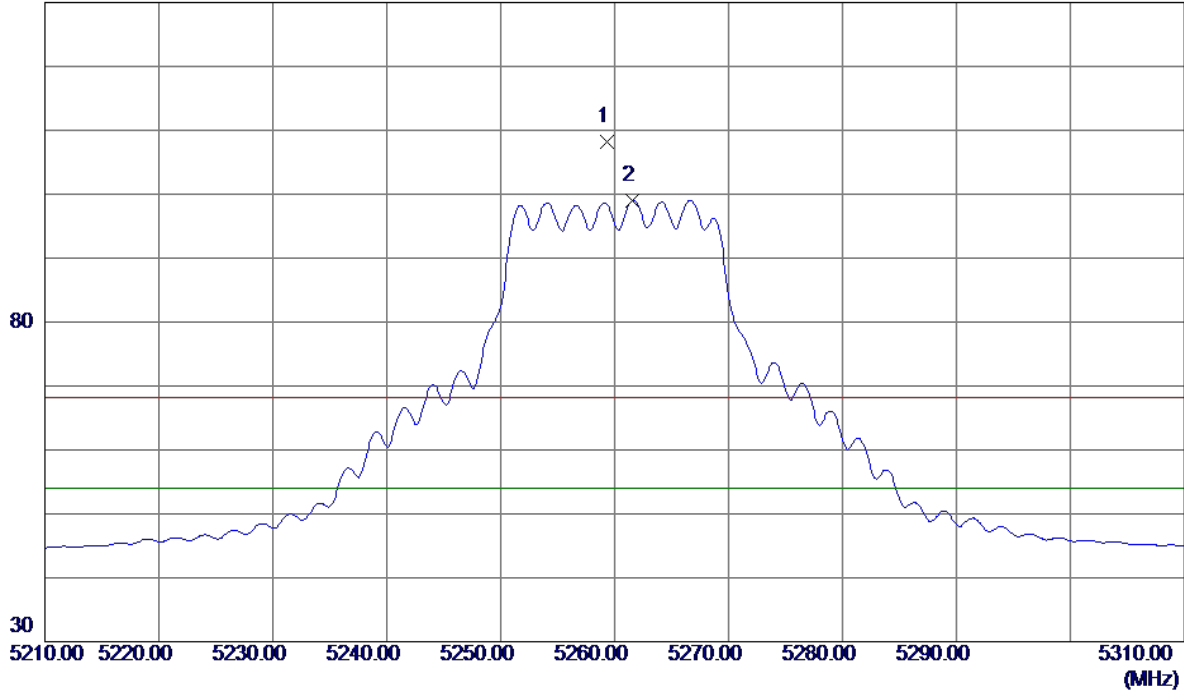


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10638.2000	22.97	14.99	37.96	54.00	-16.04	AVG	
2	10643.9800	32.86	14.99	47.85	74.00	-26.15	Peak	

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

**Vertical**

130 dBuV/m

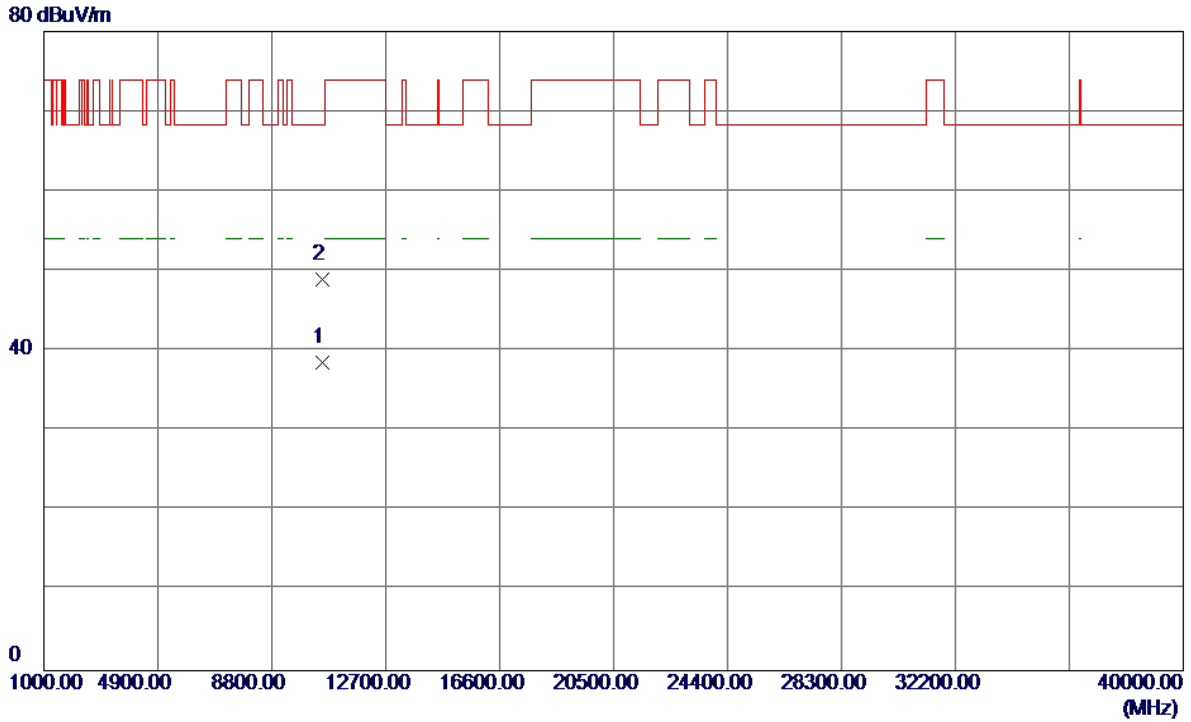


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5259.3000	66.55	41.66	108.21	68.30	39.91	Peak	No Limit
2 *	5261.6000	57.39	41.67	99.06	54.00	45.06	AVG	No Limit



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

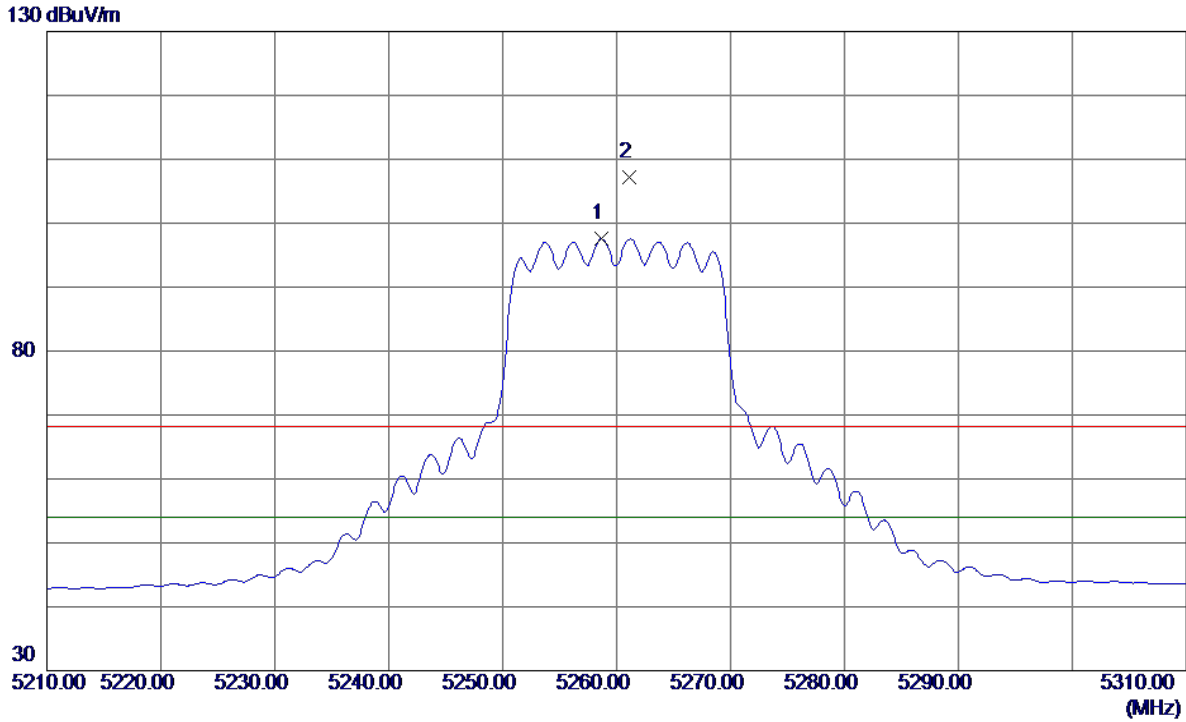
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10519.9000	23.46	15.08	38.54	999.00	-960.46	AVG	
2 *	10524.8200	33.95	15.08	49.03	68.30	-19.27	Peak	

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

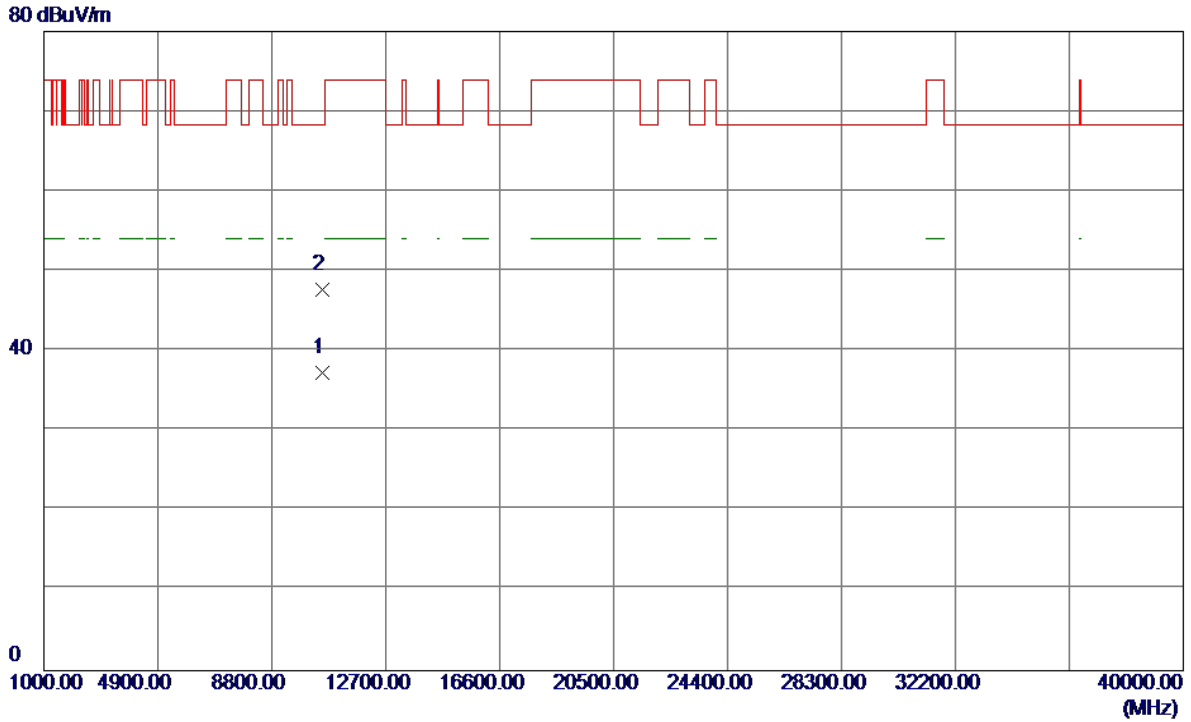
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5258.7000	55.87	41.65	97.52	54.00	43.52	AVG	No Limit
2	5261.1000	65.50	41.67	107.17	68.30	38.87	Peak	No Limit

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

**Horizontal**

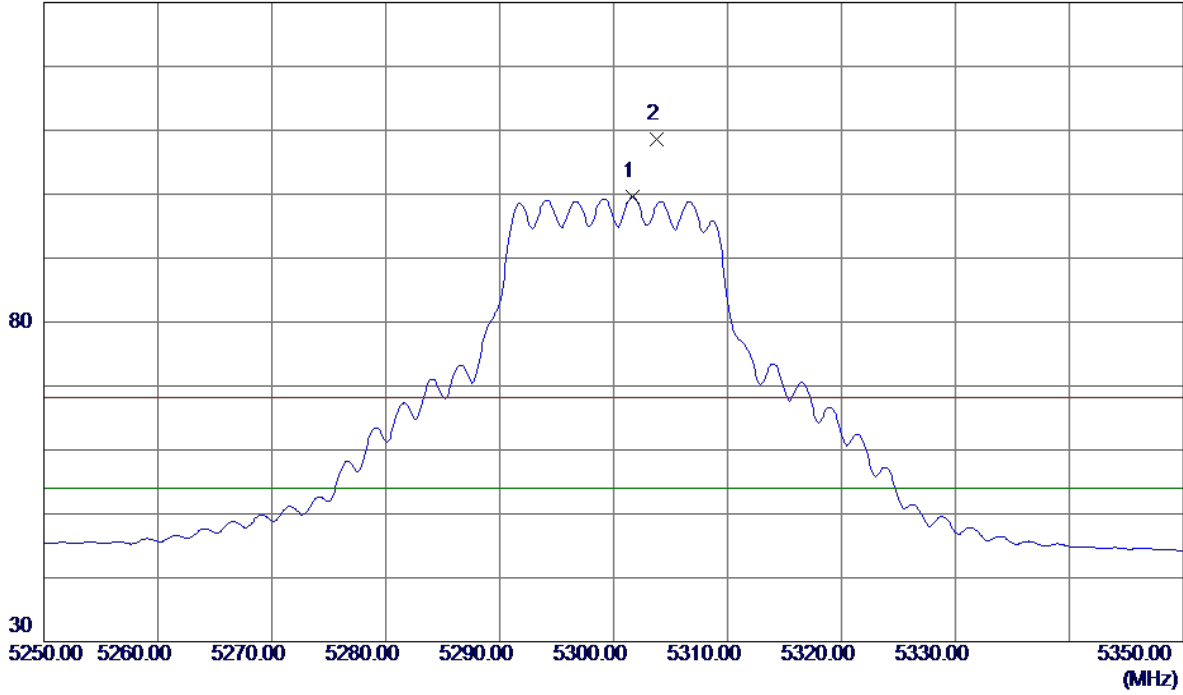


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10516.5800	22.26	15.08	37.34	999.00	-961.66	AVG	
2 *	10520.6200	32.56	15.08	47.64	68.30	-20.66	Peak	

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

**Vertical**

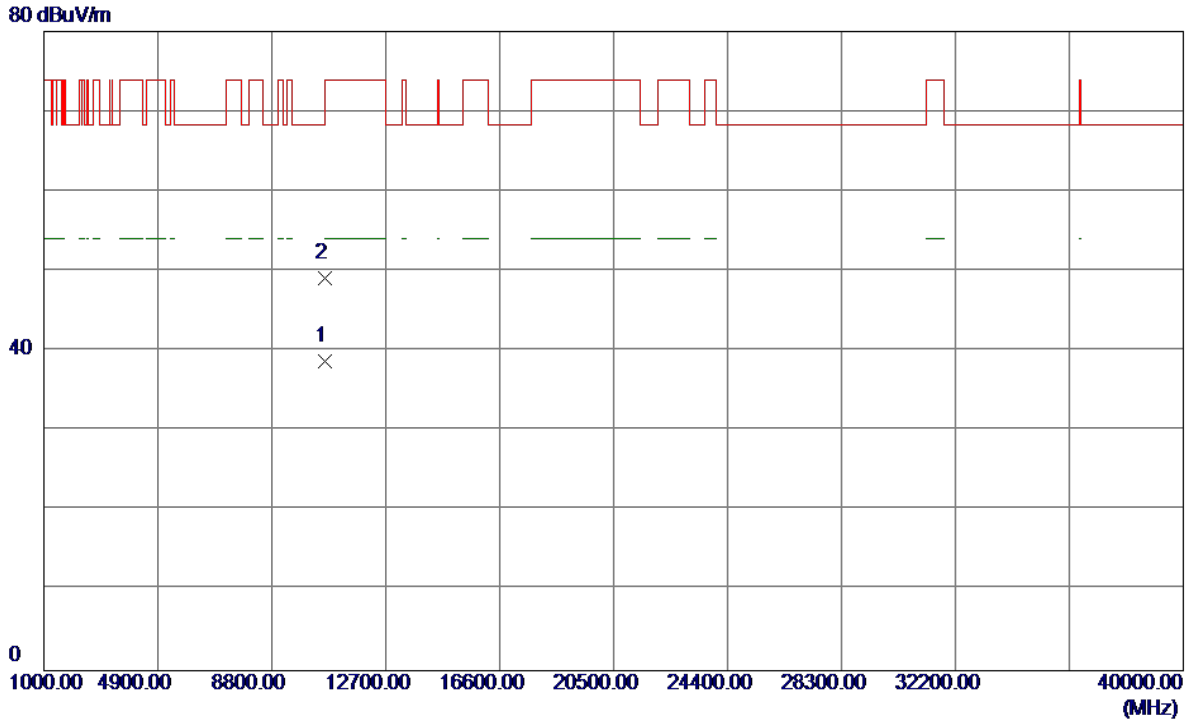
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.7000	57.75	41.87	99.62	54.00	45.62	AVG	No Limit
2	5303.8000	66.74	41.88	108.62	68.30	40.32	Peak	No Limit

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

**Vertical**

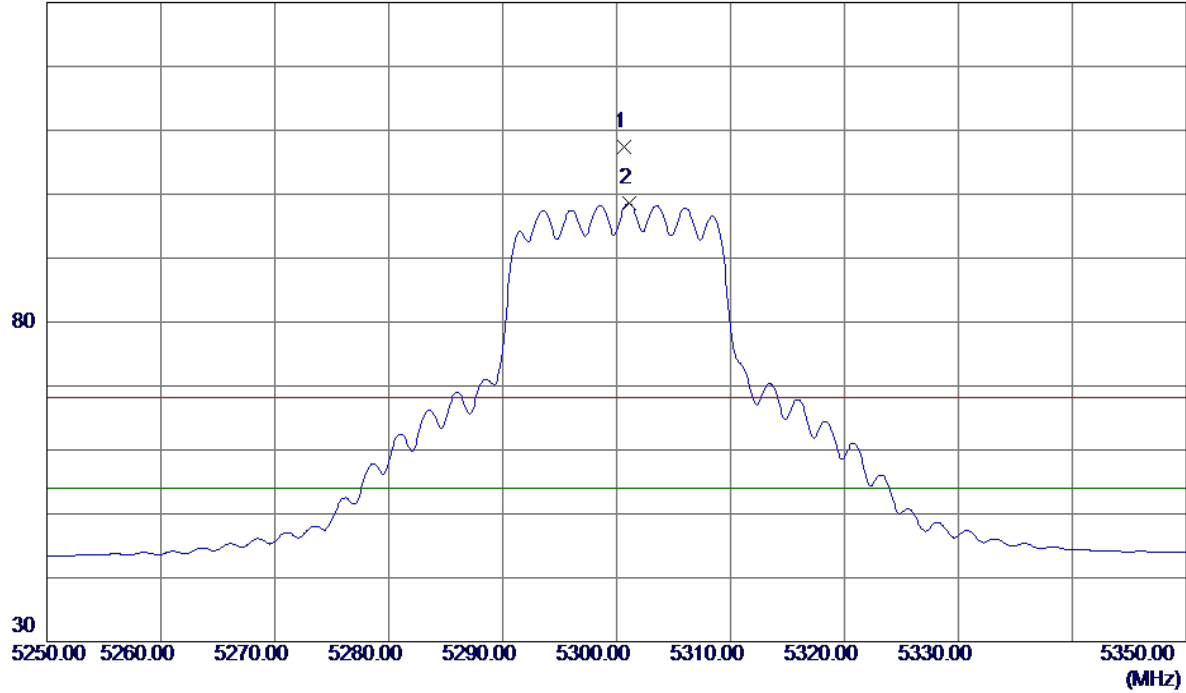


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10599.6600	23.70	15.02	38.72	999.00	-960.28	AVG	
2 *	10604.5400	34.16	15.02	49.18	74.00	-24.82	Peak	

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

### Horizontal

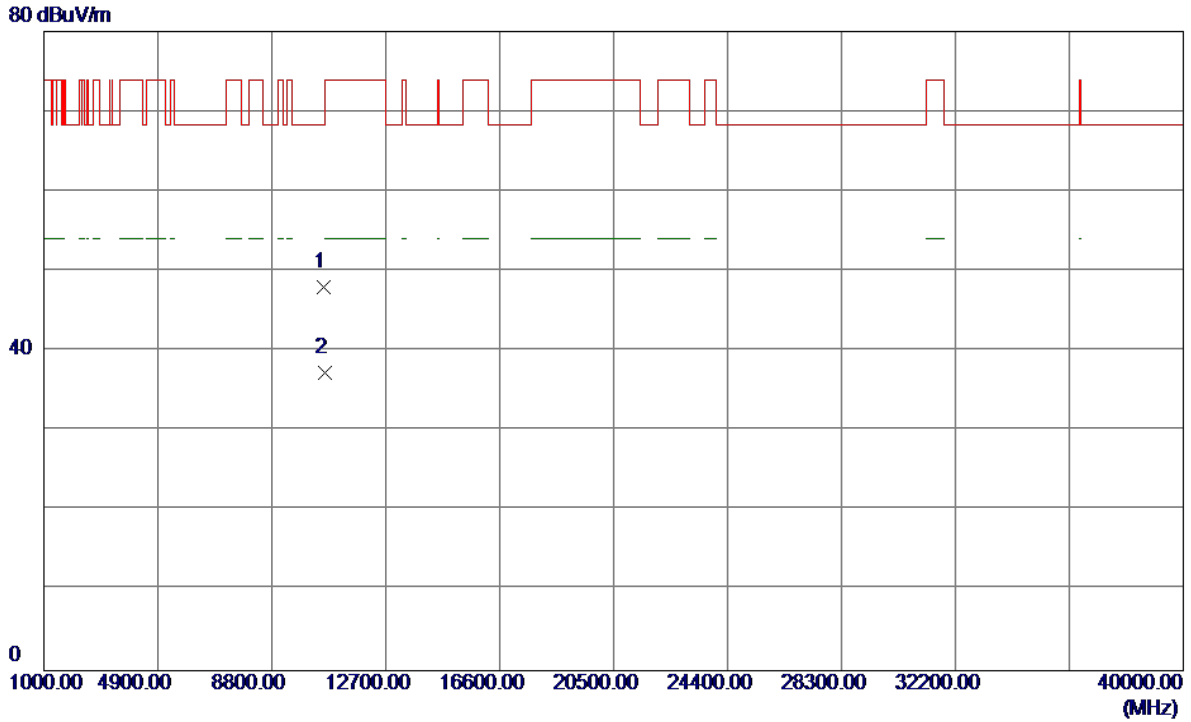
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5300.7000	65.54	41.87	107.41	68.30	39.11	Peak	No Limit
2 *	5301.1000	56.64	41.87	98.51	54.00	44.51	AVG	No Limit

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

**Horizontal**

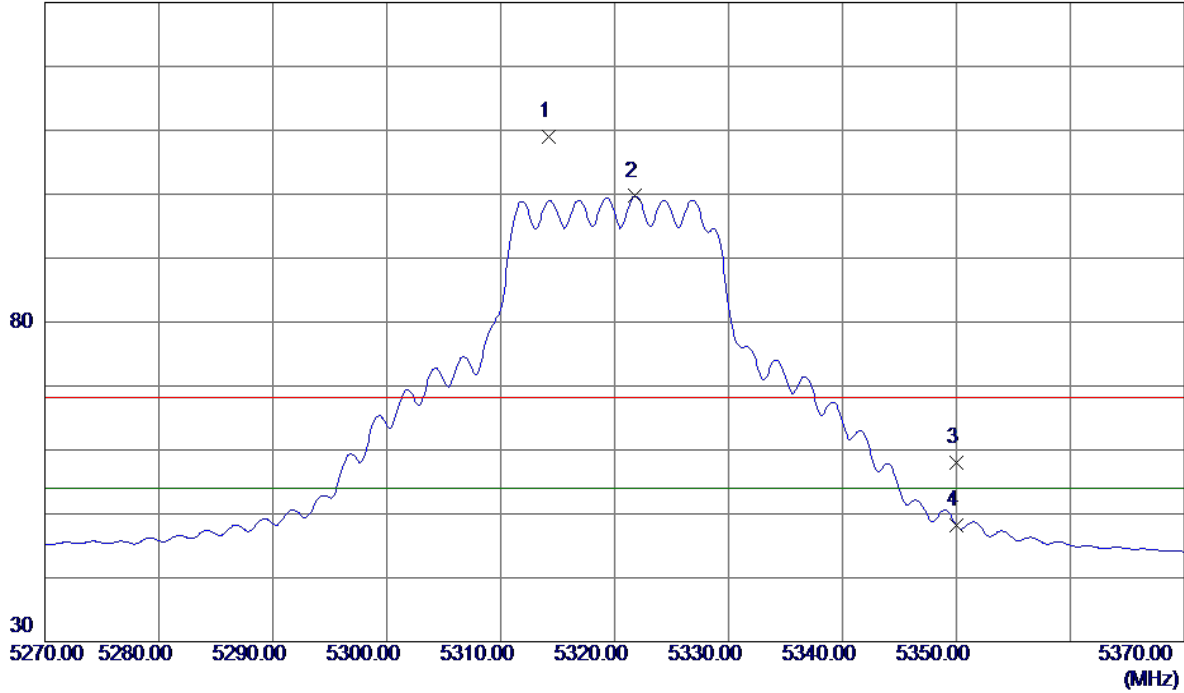


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10596.4000	32.93	15.02	47.95	68.30	-20.35	Peak	
2	10599.0400	22.29	15.02	37.31	999.00	-961.69	AVG	

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

**Vertical**

130 dBuV/m

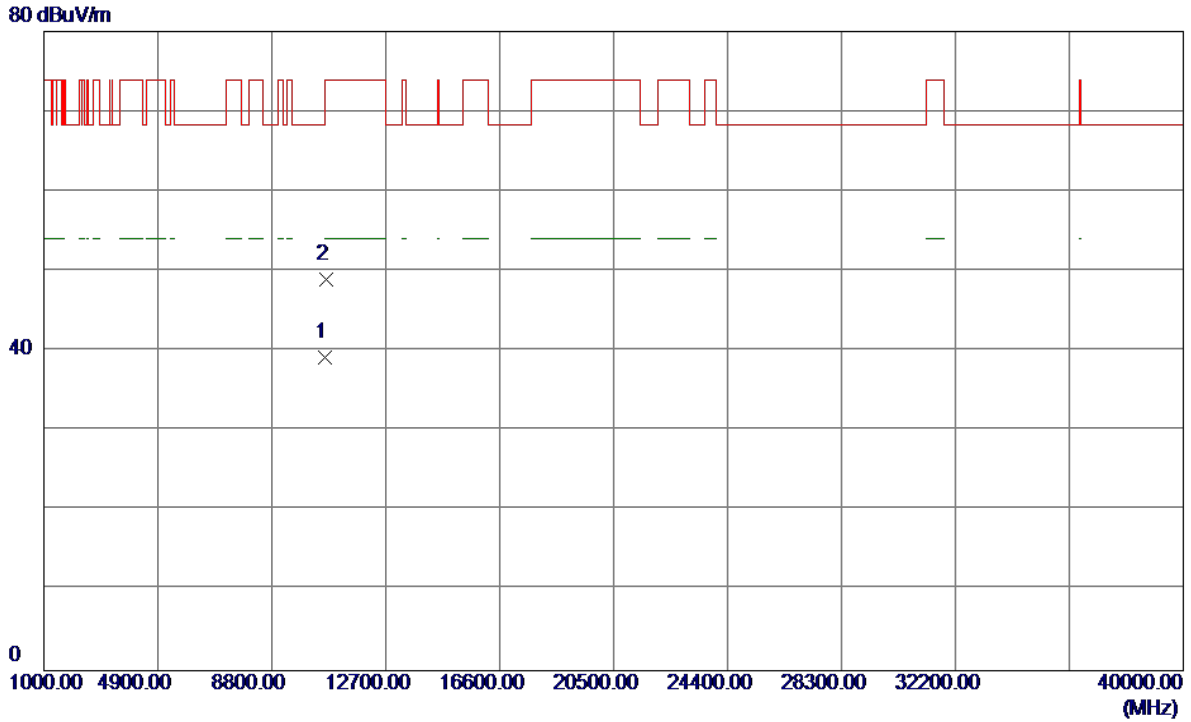


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5314.2000	67.03	41.94	108.97	68.30	40.67	Peak	No Limit
2 *	5321.8000	57.73	41.97	99.70	54.00	45.70	AVG	No Limit
3	5350.0000	15.90	42.12	58.02	68.30	-10.28	Peak	
4	5350.0000	6.15	42.12	48.27	54.00	-5.73	AVG	



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

**Vertical**

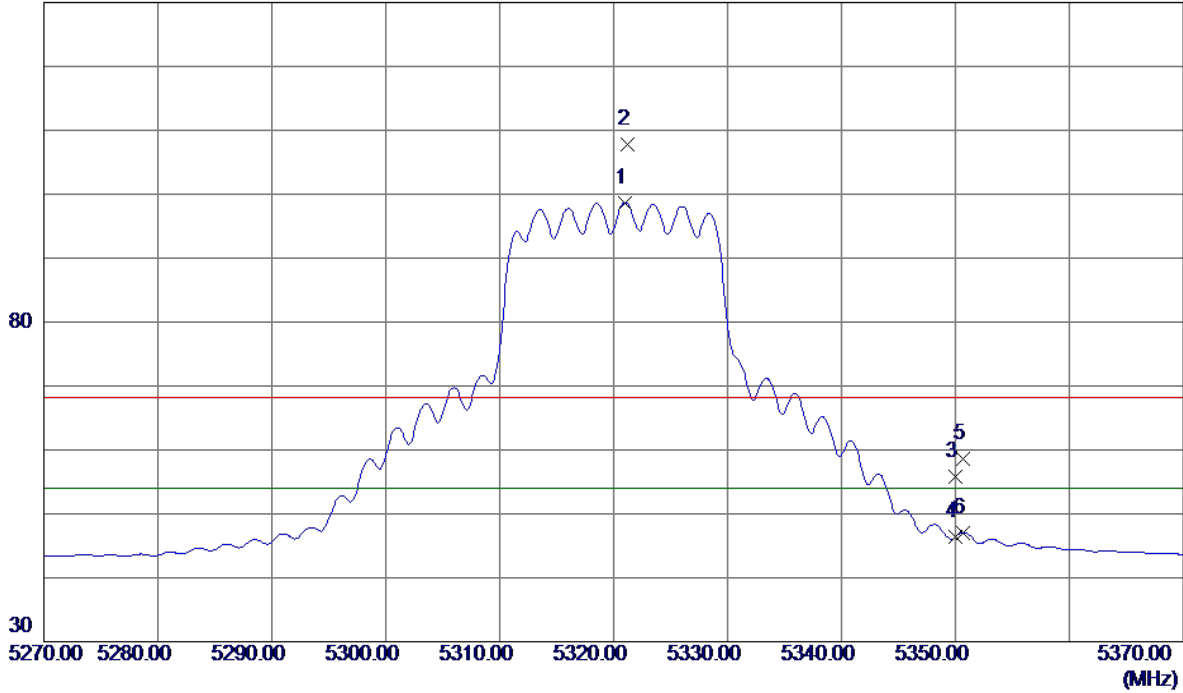


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10639.4600	24.17	14.99	39.16	54.00	-14.84	AVG	
2	10644.0400	33.92	14.99	48.91	74.00	-25.09	Peak	

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

### Horizontal

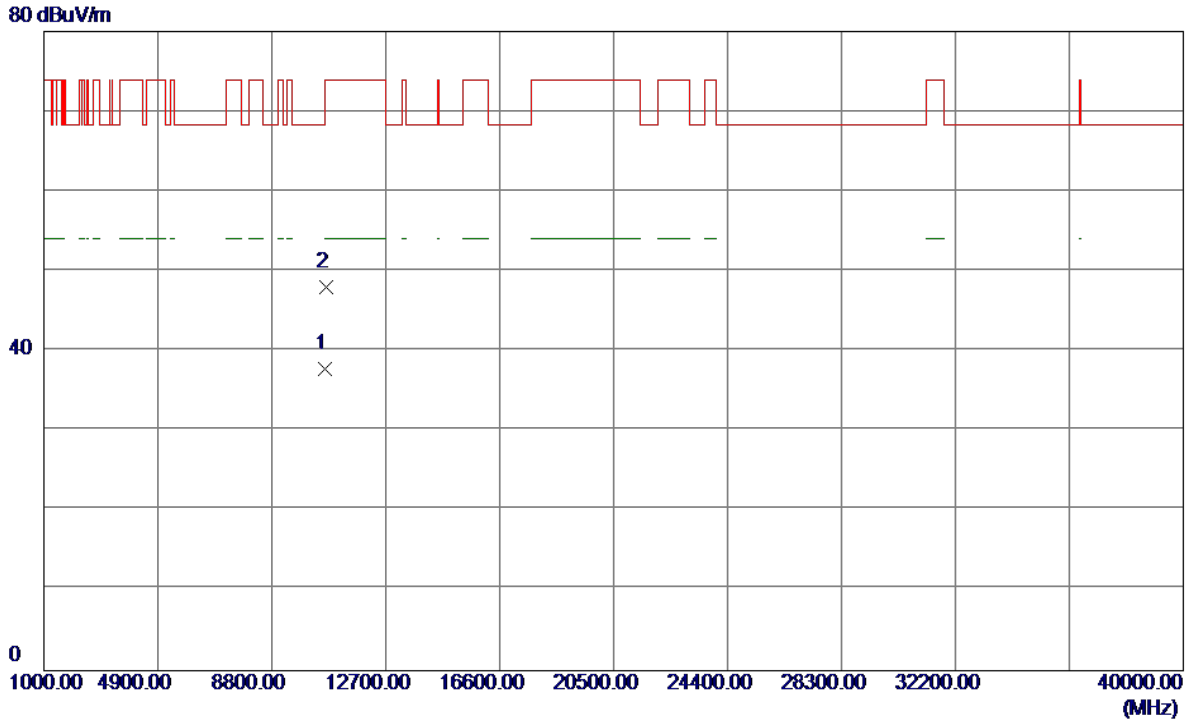
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5321.0000	56.70	41.97	98.67	54.00	44.67	AVG	No Limit
2	5321.2000	65.76	41.97	107.73	68.30	39.43	Peak	No Limit
3	5350.0000	13.69	42.12	55.81	68.30	-12.49	Peak	
4	5350.0000	4.27	42.12	46.39	54.00	-7.61	AVG	
5	5350.7000	16.43	42.12	58.55	68.30	-9.75	Peak	
6	5350.7000	4.97	42.12	47.09	54.00	-6.91	AVG	

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

**Horizontal**

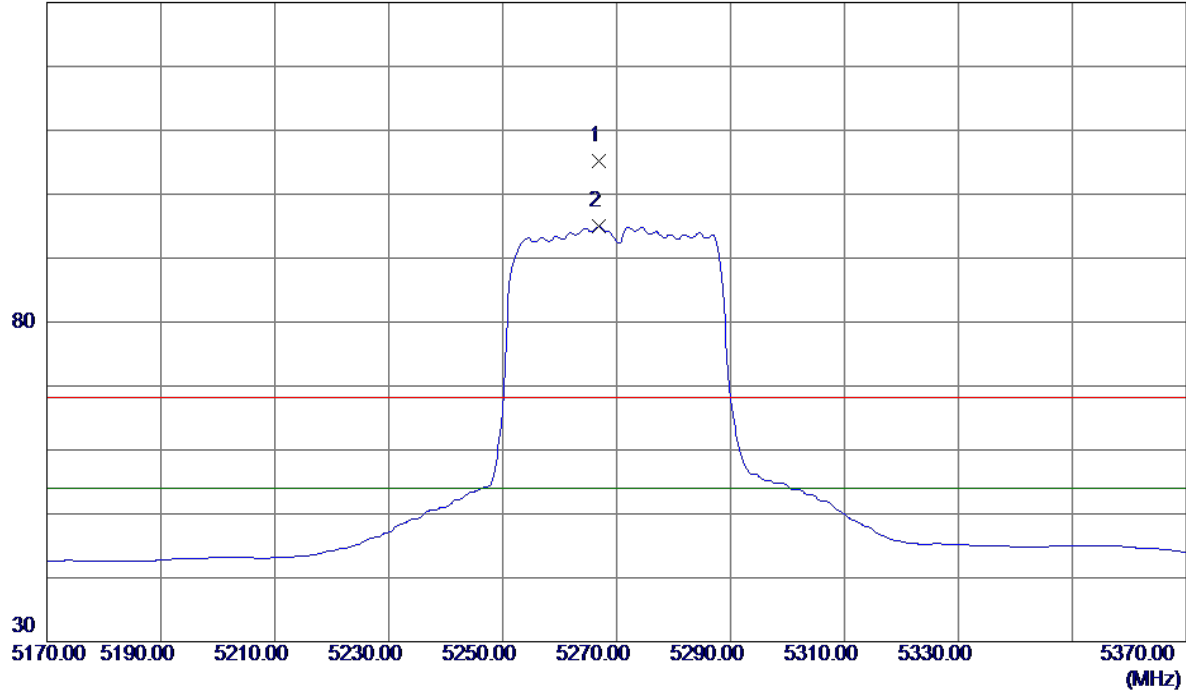


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10639.2400	22.74	14.99	37.73	54.00	-16.27	AVG	
2	10647.5800	33.08	14.99	48.07	74.00	-25.93	Peak	

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

### Vertical

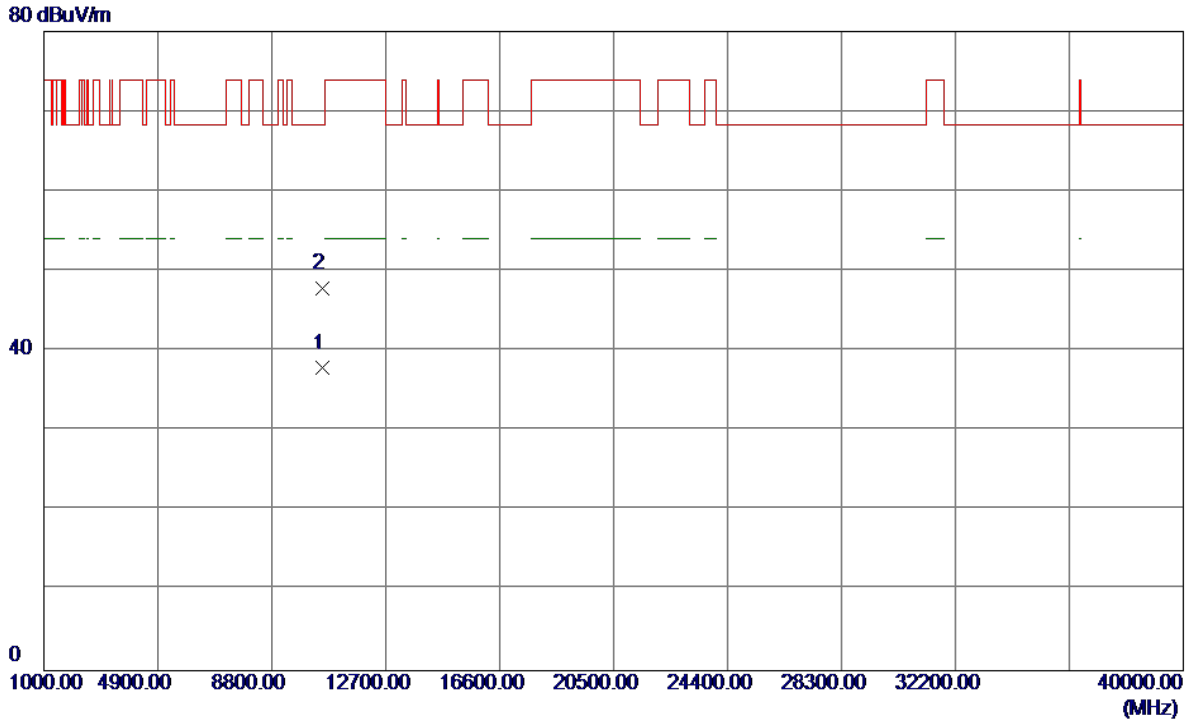
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5266.8000	63.55	41.70	105.25	68.30	36.95	Peak	No Limit
2 *	5266.8000	53.28	41.70	94.98	54.00	40.98	AVG	No Limit

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

**Vertical**

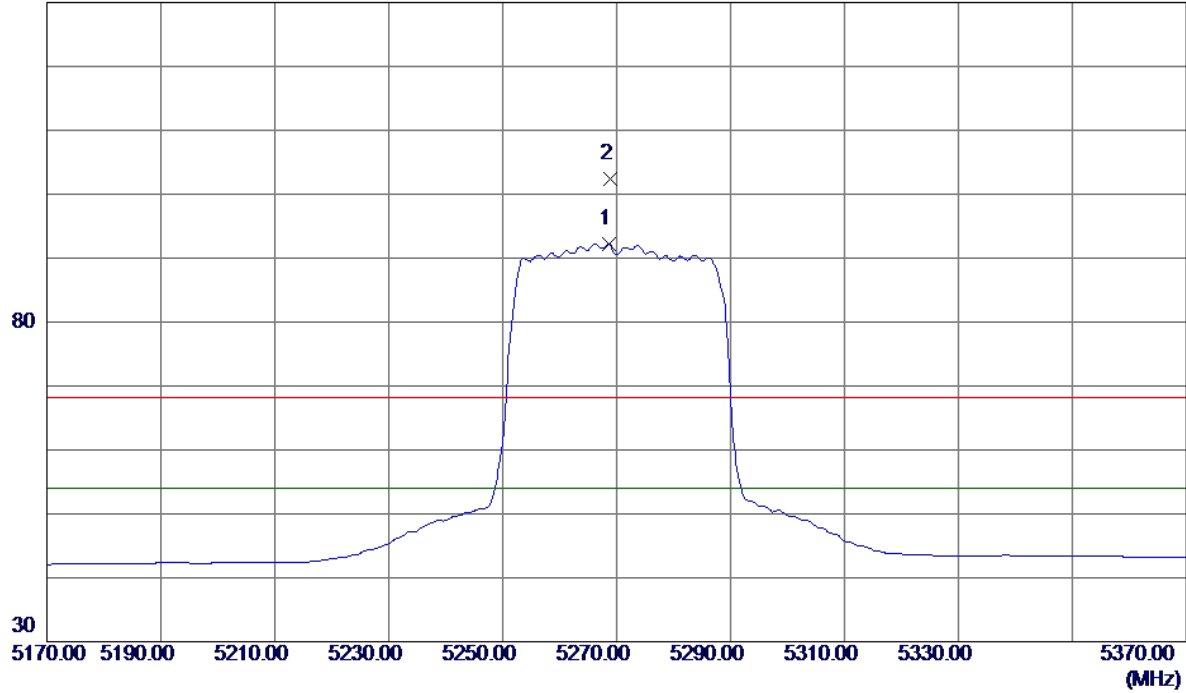


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10539.8500	22.77	15.07	37.84	999.00	-961.16	AVG	
2 *	10540.7400	32.75	15.07	47.82	68.30	-20.48	Peak	

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

**Horizontal**

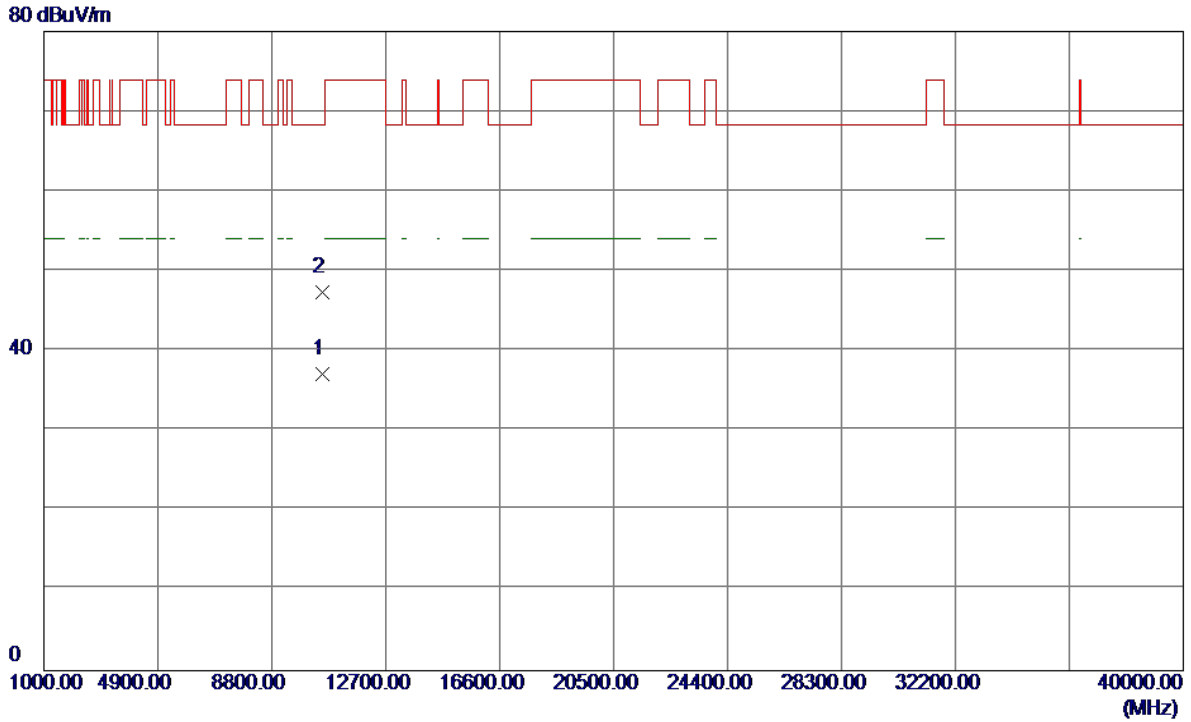
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5268.6000	50.52	41.70	92.22	54.00	38.22	AVG	No Limit
2	5268.8000	60.69	41.71	102.40	68.30	34.10	Peak	No Limit

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

**Horizontal**

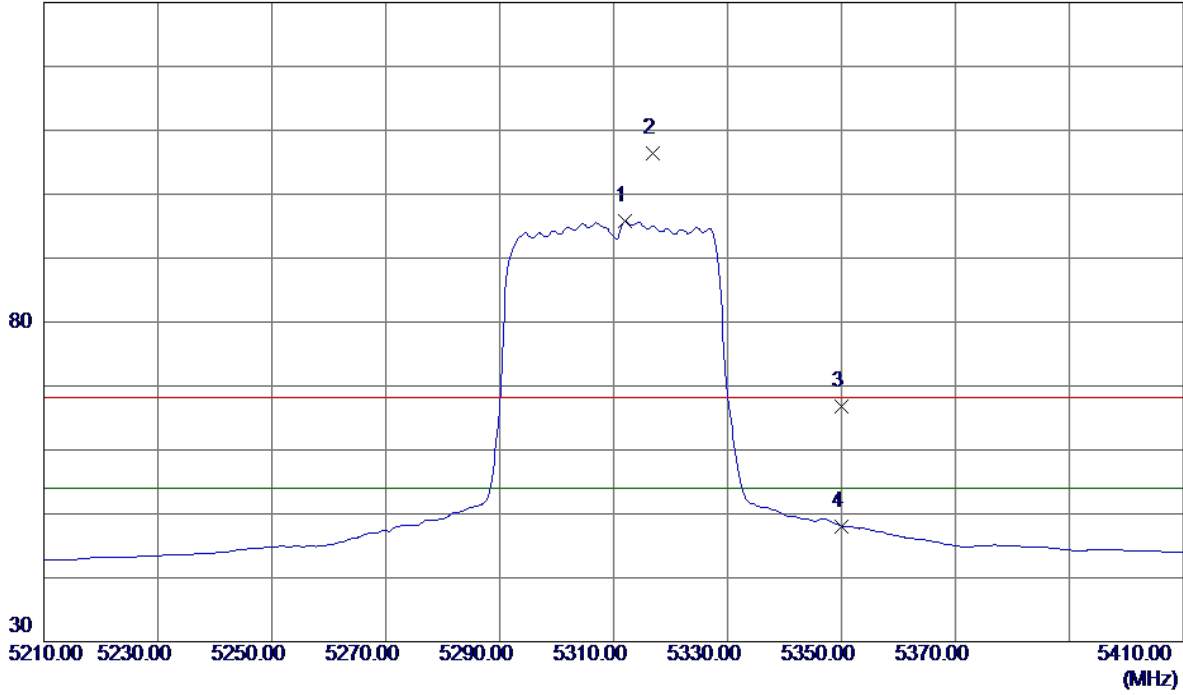


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10539.2600	21.99	15.07	37.06	999.00	-961.94	AVG	
2 *	10543.1300	32.34	15.06	47.40	68.30	-20.90	Peak	

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

**Vertical**

130 dBuV/m

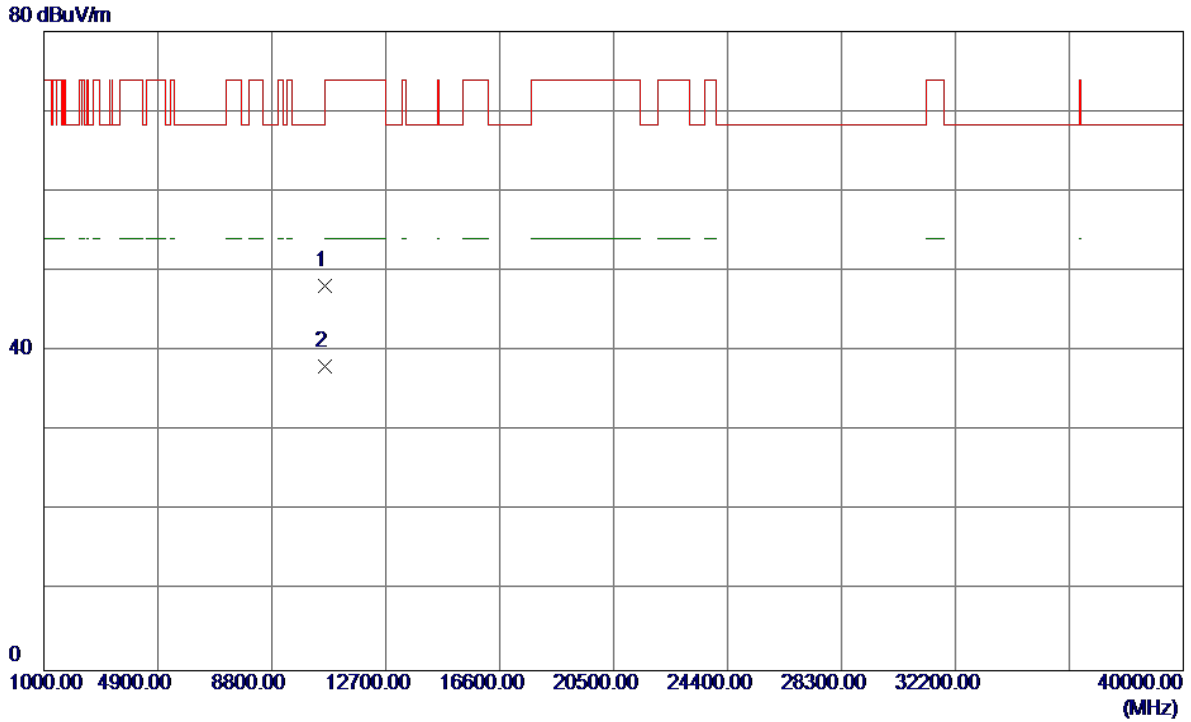


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5312.0000	53.81	41.92	95.73	54.00	41.73	AVG	No Limit
2	5316.8000	64.51	41.95	106.46	68.30	38.16	Peak	No Limit
3	5350.0000	24.72	42.12	66.84	68.30	-1.46	Peak	
4	5350.0000	5.97	42.12	48.09	54.00	-5.91	AVG	



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

**Vertical**

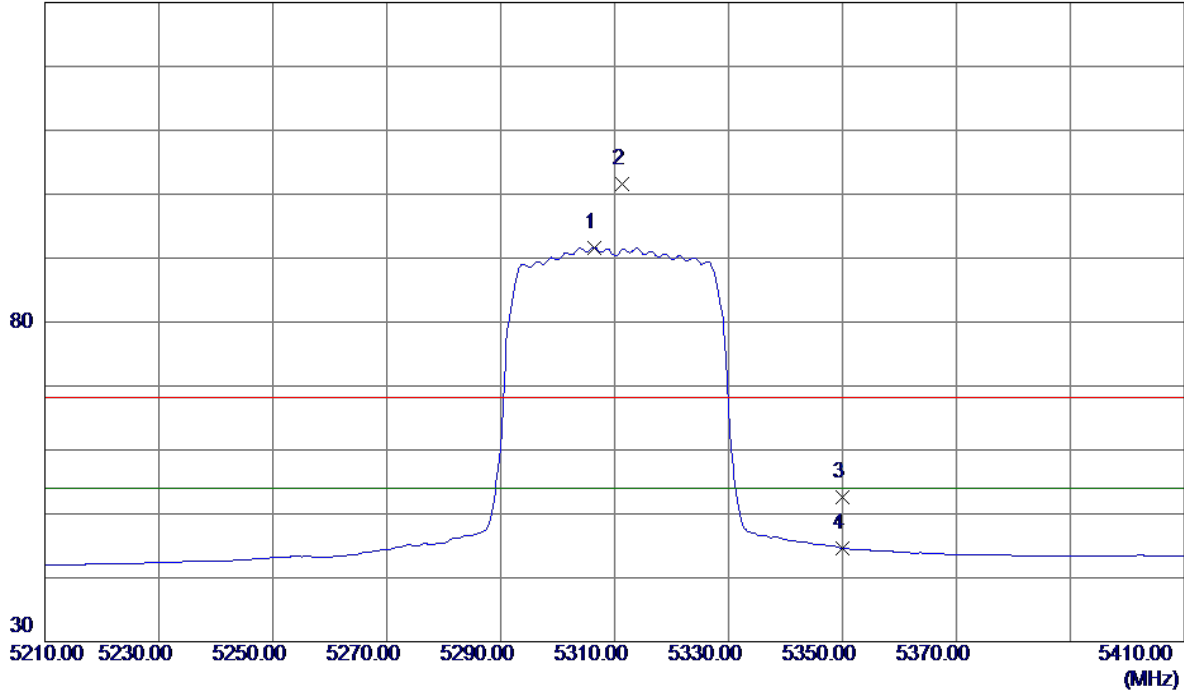


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10618.8900	33.16	15.01	48.17	74.00	-25.83	Peak	
2 *	10619.8900	23.09	15.01	38.10	54.00	-15.90	AVG	

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

**Horizontal**

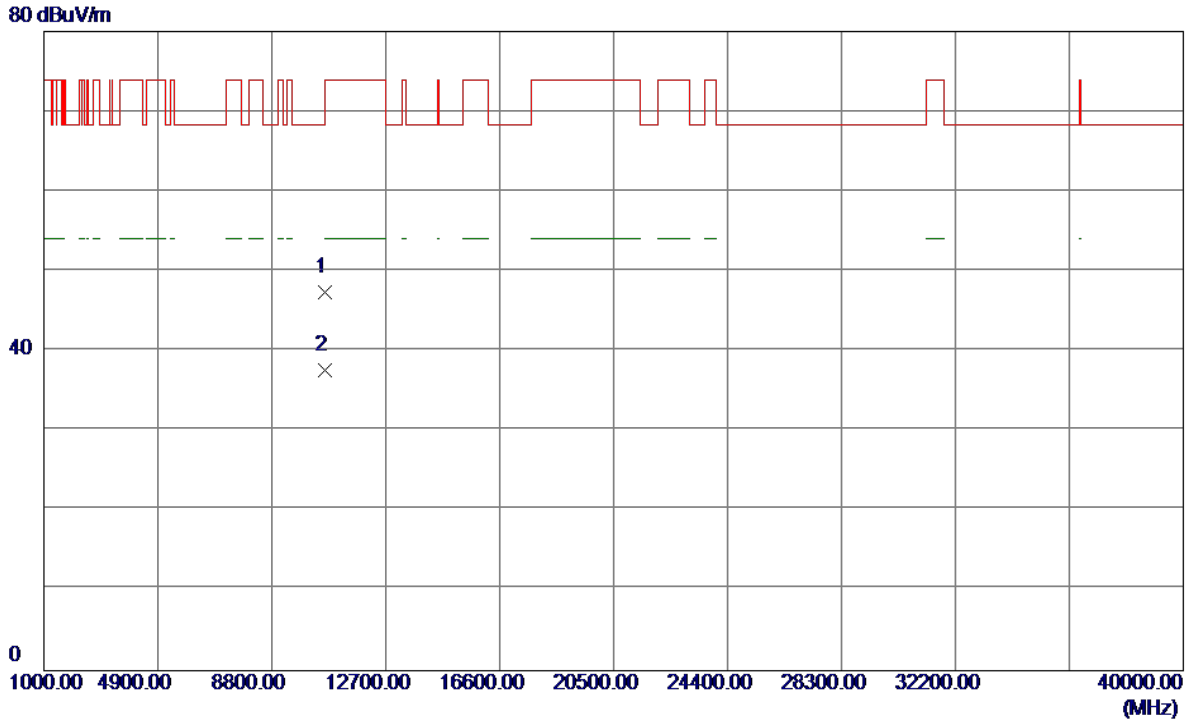
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5306.4000	49.79	41.90	91.69	54.00	37.69	AVG	No Limit
2	5311.4000	59.76	41.92	101.68	68.30	33.38	Peak	No Limit
3	5350.0000	10.44	42.12	52.56	68.30	-15.74	Peak	
4	5350.0000	2.46	42.12	44.58	54.00	-9.42	AVG	

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

**Horizontal**

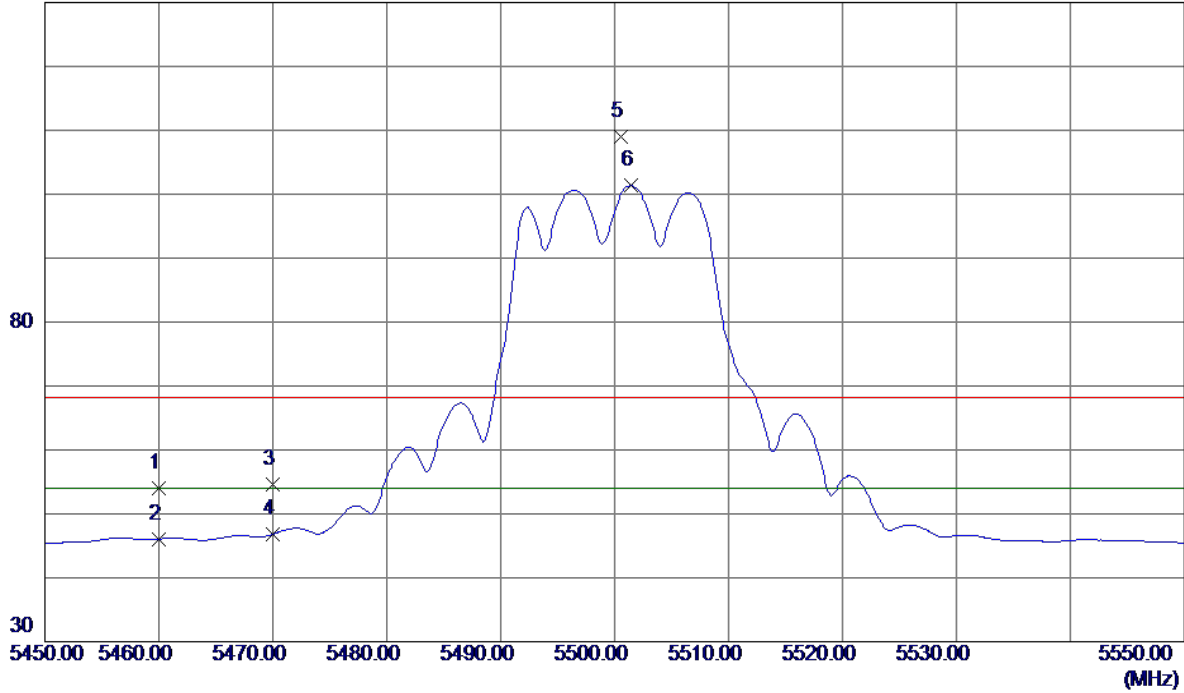


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10618.7300	32.30	15.01	47.31	74.00	-26.69	Peak	
2 *	10618.9900	22.65	15.01	37.66	54.00	-16.34	AVG	

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

**Vertical**

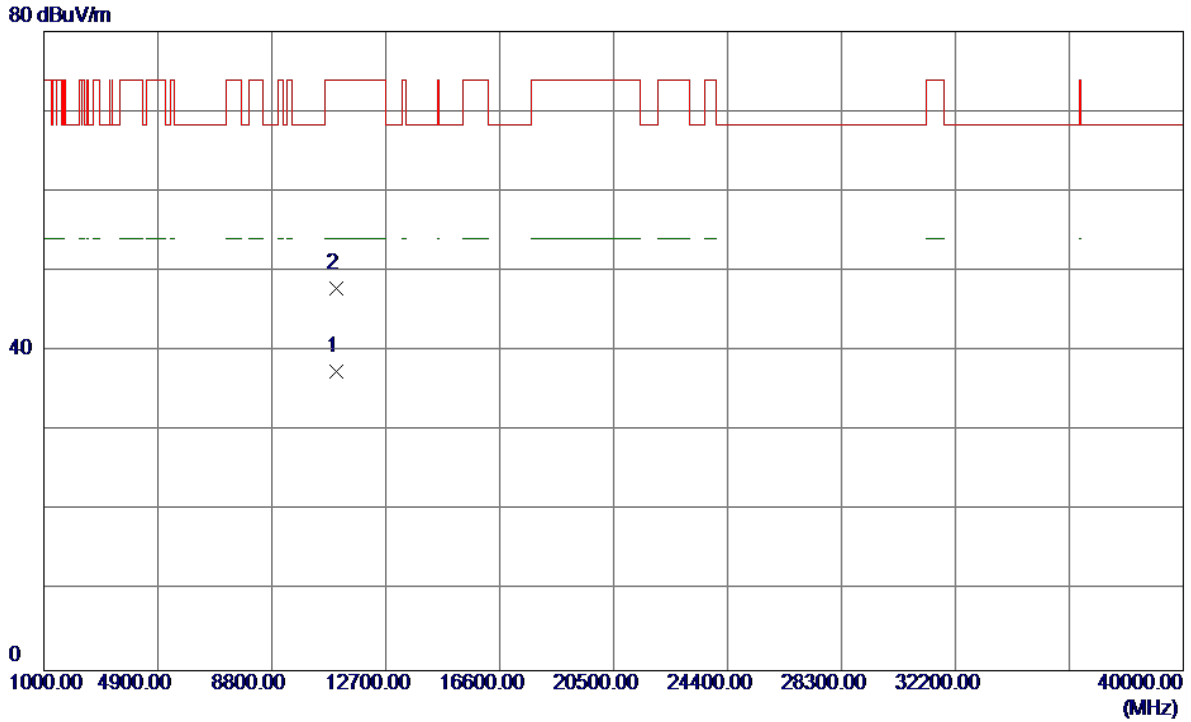
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	11.25	42.68	53.93	68.30	-14.37	Peak	
2	5460.0000	3.38	42.68	46.06	54.00	-7.94	AVG	
3	5470.0000	11.80	42.73	54.53	68.30	-13.77	Peak	
4	5470.0000	4.07	42.73	46.80	54.00	-7.20	AVG	
5	5500.6000	66.17	42.88	109.05	68.30	40.75	Peak	No Limit
6 *	5501.4000	58.43	42.88	101.31	54.00	47.31	AVG	No Limit

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

**Vertical**

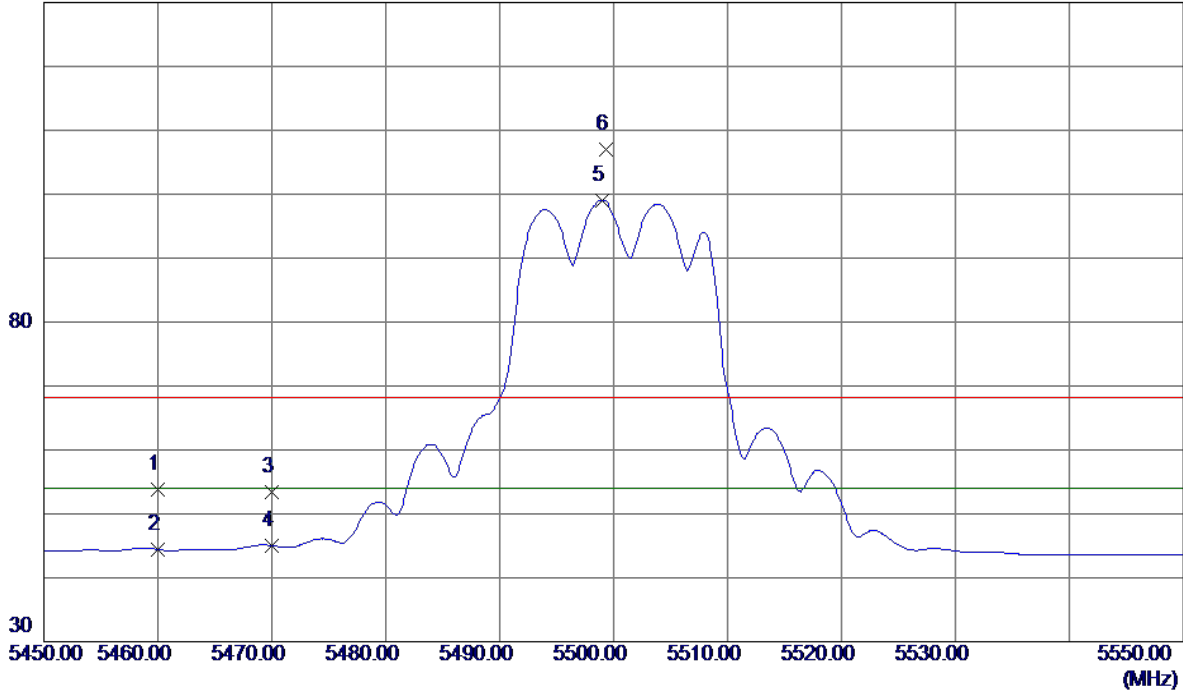


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11000.1200	22.69	14.73	37.42	54.00	-16.58	AVG	
2	11001.1700	33.05	14.73	47.78	74.00	-26.22	Peak	

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

### Horizontal

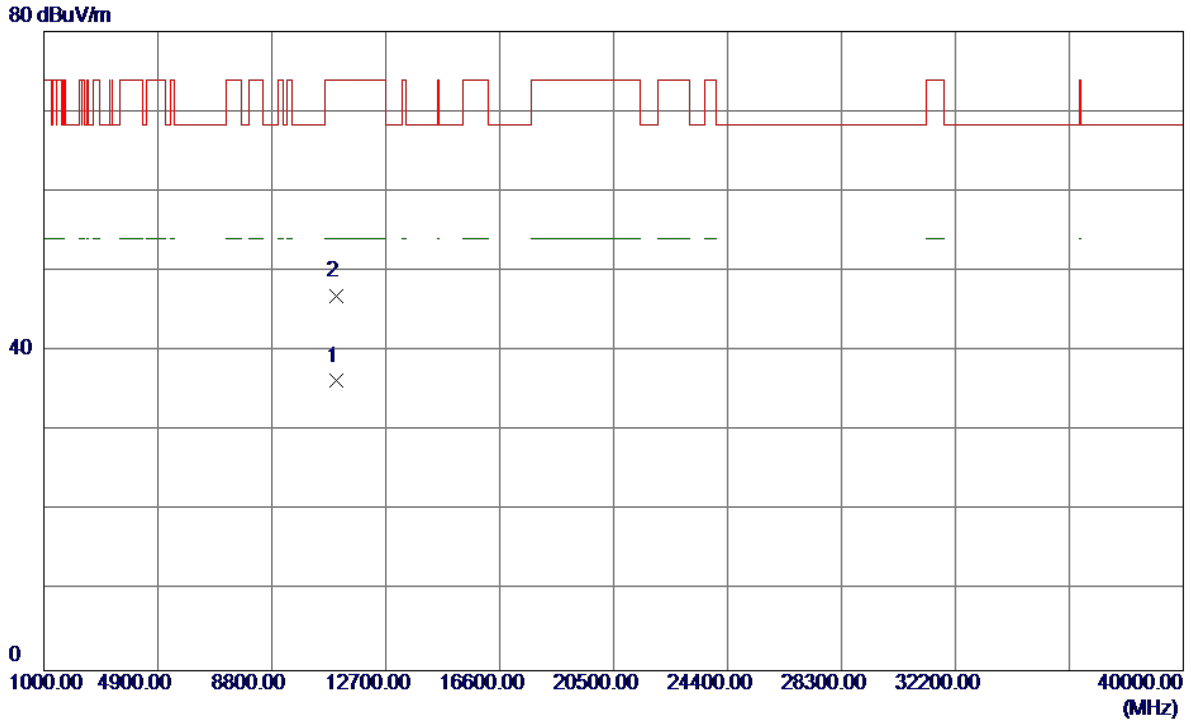
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	11.14	42.68	53.82	68.30	-14.48	Peak	
2	5460.0000	1.75	42.68	44.43	54.00	-9.57	AVG	
3	5470.0000	10.65	42.73	53.38	68.30	-14.92	Peak	
4	5470.0000	2.30	42.73	45.03	54.00	-8.97	AVG	
5 *	5499.0000	56.19	42.87	99.06	54.00	45.06	AVG	No Limit
6	5499.3000	64.04	42.88	106.92	68.30	38.62	Peak	No Limit

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

**Horizontal**

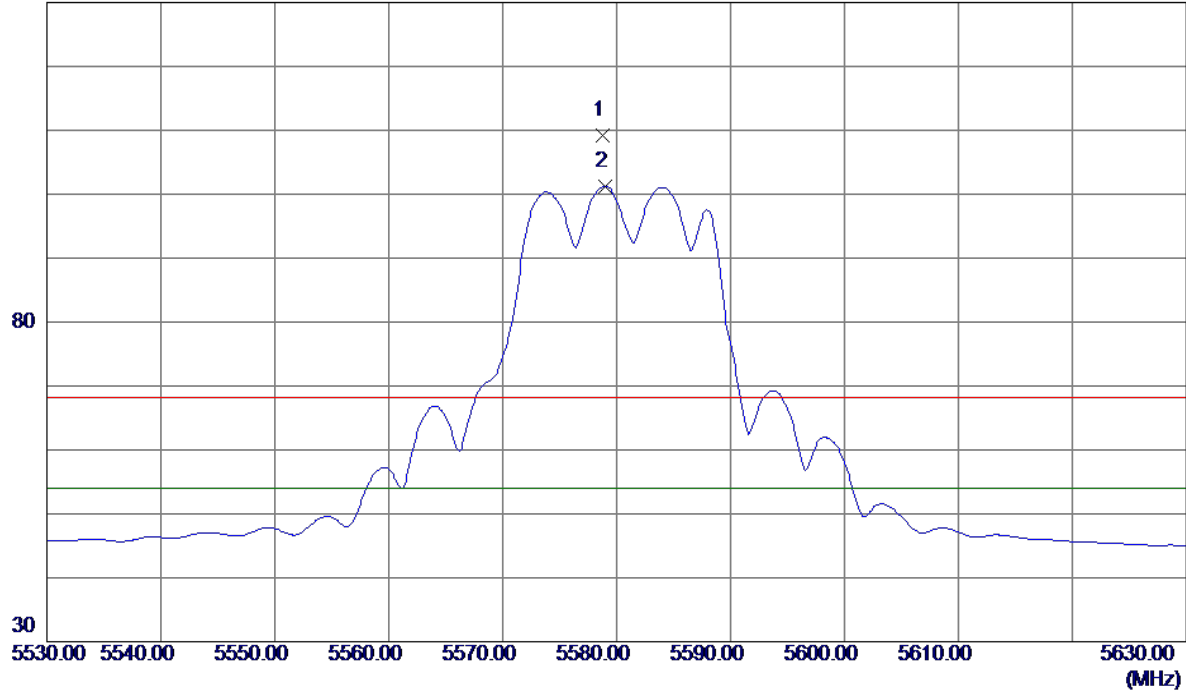


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11000.6700	21.51	14.73	36.24	54.00	-17.76	AVG	
2	11003.2500	32.10	14.74	46.84	74.00	-27.16	Peak	

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

### Vertical

130 dBuV/m

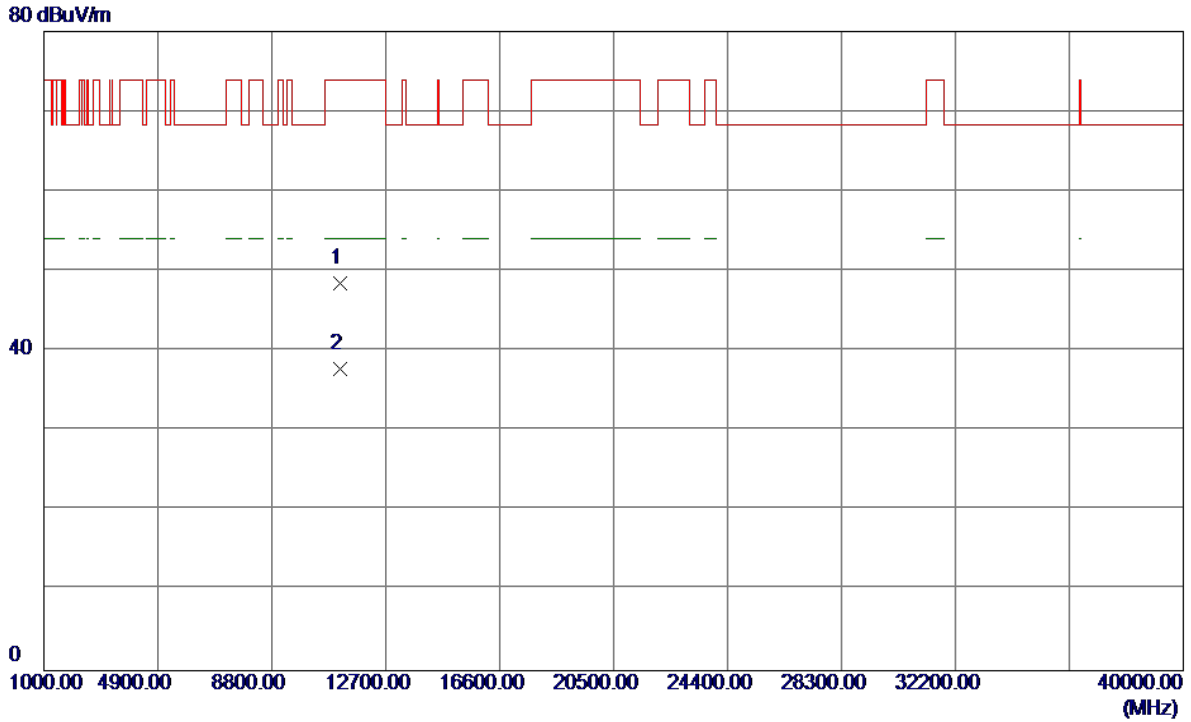


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5578.8000	66.14	43.12	109.26	68.30	40.96	Peak	No Limit
2 *	5579.0000	58.11	43.12	101.23	54.00	47.23	AVG	No Limit



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

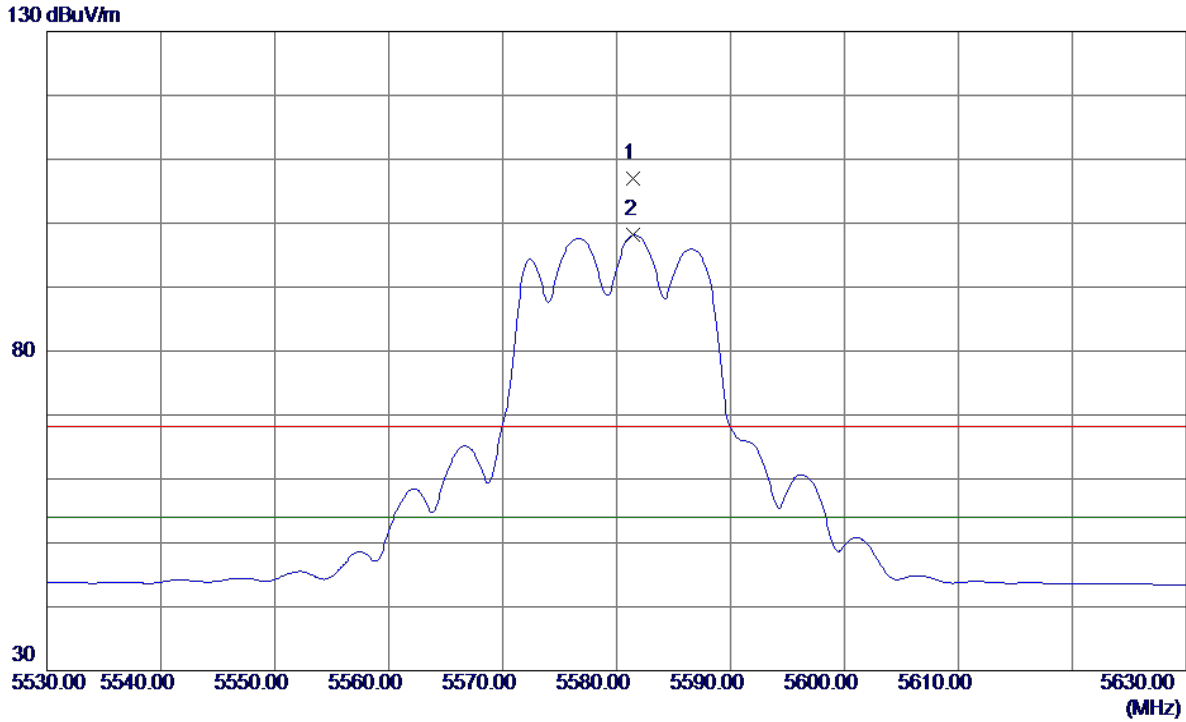
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11156.0900	33.39	15.11	48.50	74.00	-25.50	Peak	
2 *	11159.9600	22.68	15.12	37.80	54.00	-16.20	AVG	

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

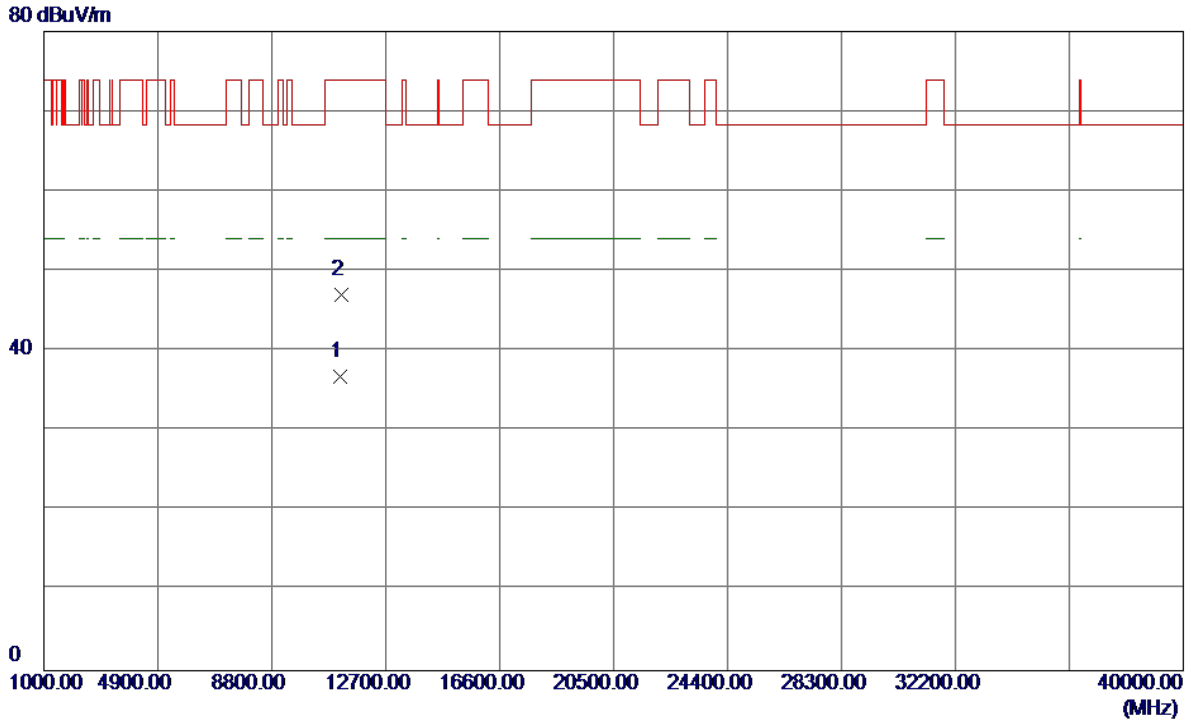
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5581.4000	63.88	43.13	107.01	68.30	38.71	Peak	No Limit
2 *	5581.5000	55.00	43.13	98.13	54.00	44.13	AVG	No Limit

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

**Horizontal**

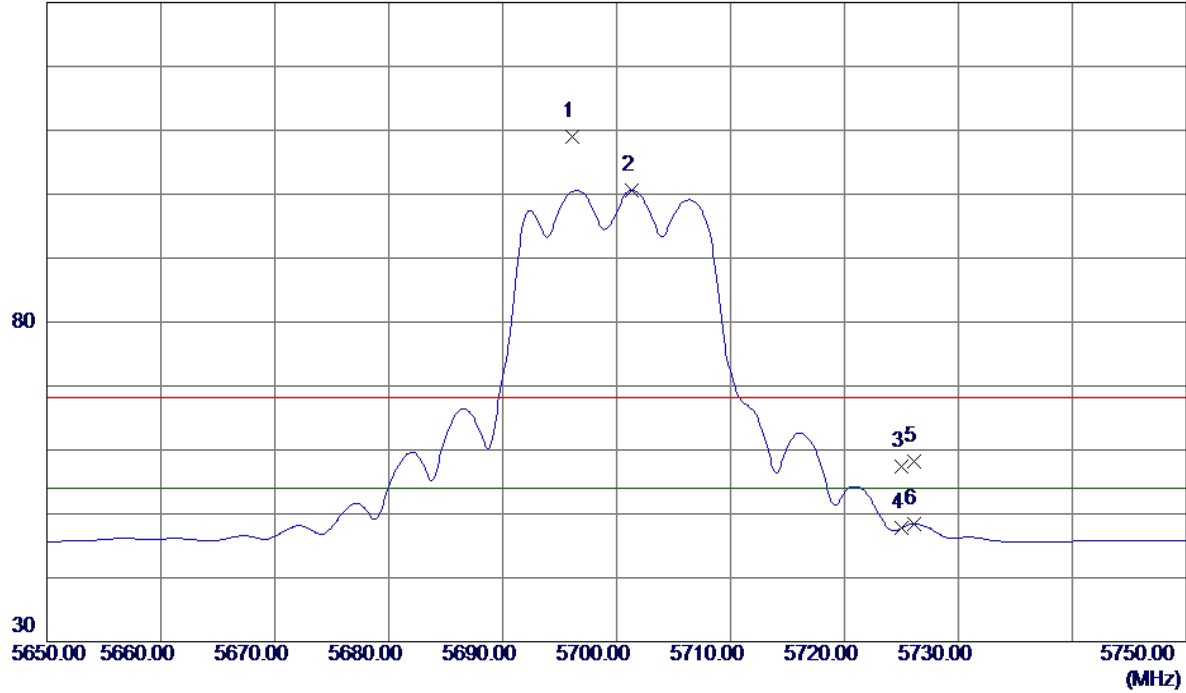


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11159.9200	21.61	15.12	36.73	54.00	-17.27	AVG	
2	11162.2000	31.85	15.13	46.98	74.00	-27.02	Peak	

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

**Vertical**

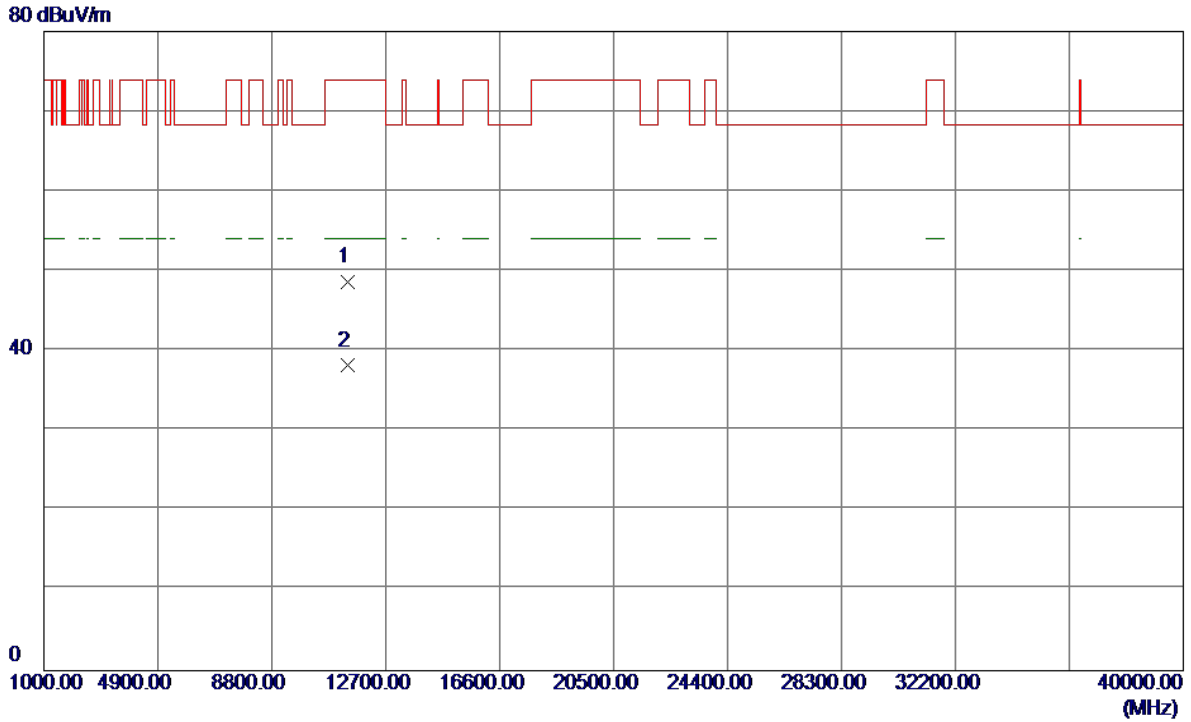
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5696.1000	65.48	43.47	108.95	68.30	40.65	Peak	No Limit
2 *	5701.3000	57.11	43.49	100.60	54.00	46.60	AVG	No Limit
3	5725.0000	13.82	43.56	57.38	68.30	-10.92	Peak	
4	5725.0000	4.17	43.56	47.73	54.00	-6.27	AVG	
5	5726.1000	14.63	43.56	58.19	68.30	-10.11	Peak	
6	5726.1000	4.84	43.56	48.40	54.00	-5.60	AVG	

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

**Vertical**

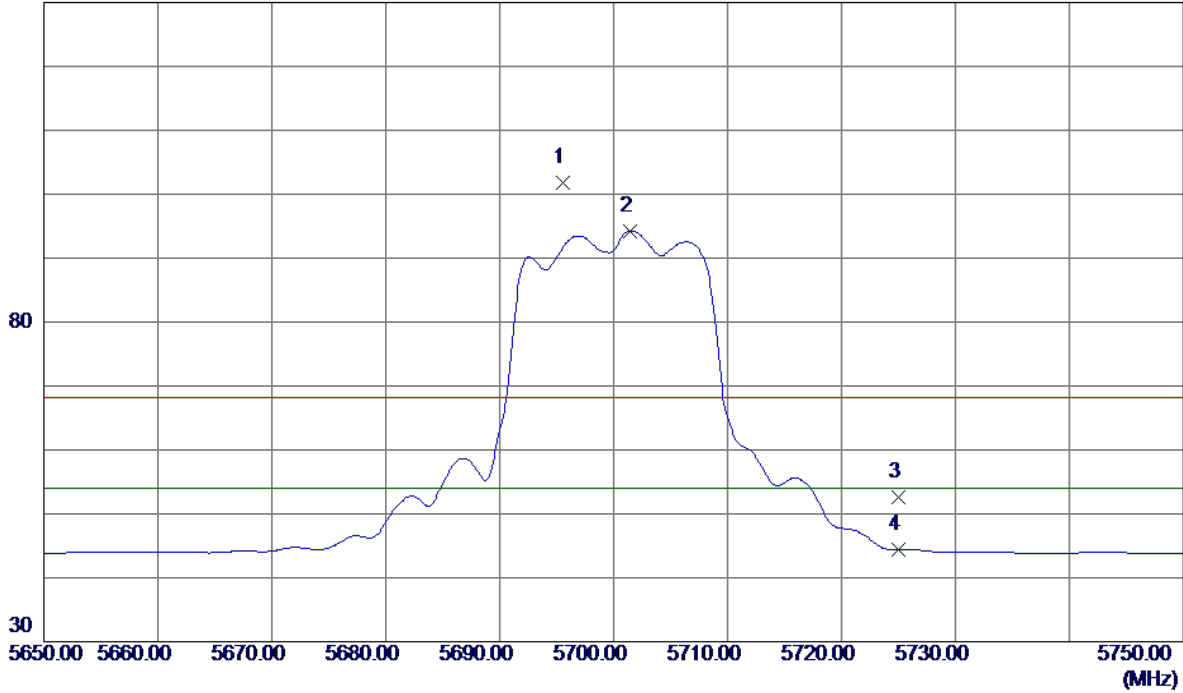


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11396.7600	32.89	15.70	48.59	74.00	-25.41	Peak	
2 *	11402.1300	22.44	15.72	38.16	54.00	-15.84	AVG	

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

**Horizontal**

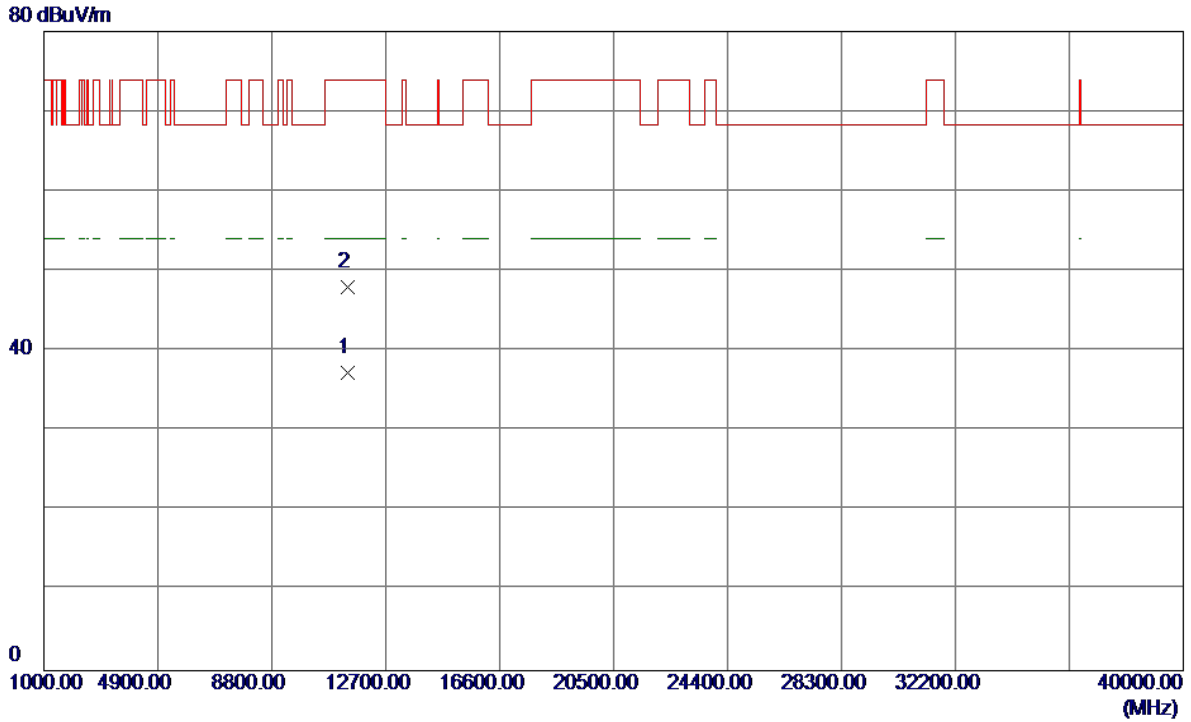
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5695.6000	58.26	43.47	101.73	68.30	33.43	Peak	No Limit
2 *	5701.4000	50.76	43.49	94.25	54.00	40.25	AVG	No Limit
3	5725.0000	9.12	43.56	52.68	68.30	-15.62	Peak	
4	5725.0000	0.78	43.56	44.34	54.00	-9.66	AVG	

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

**Horizontal**

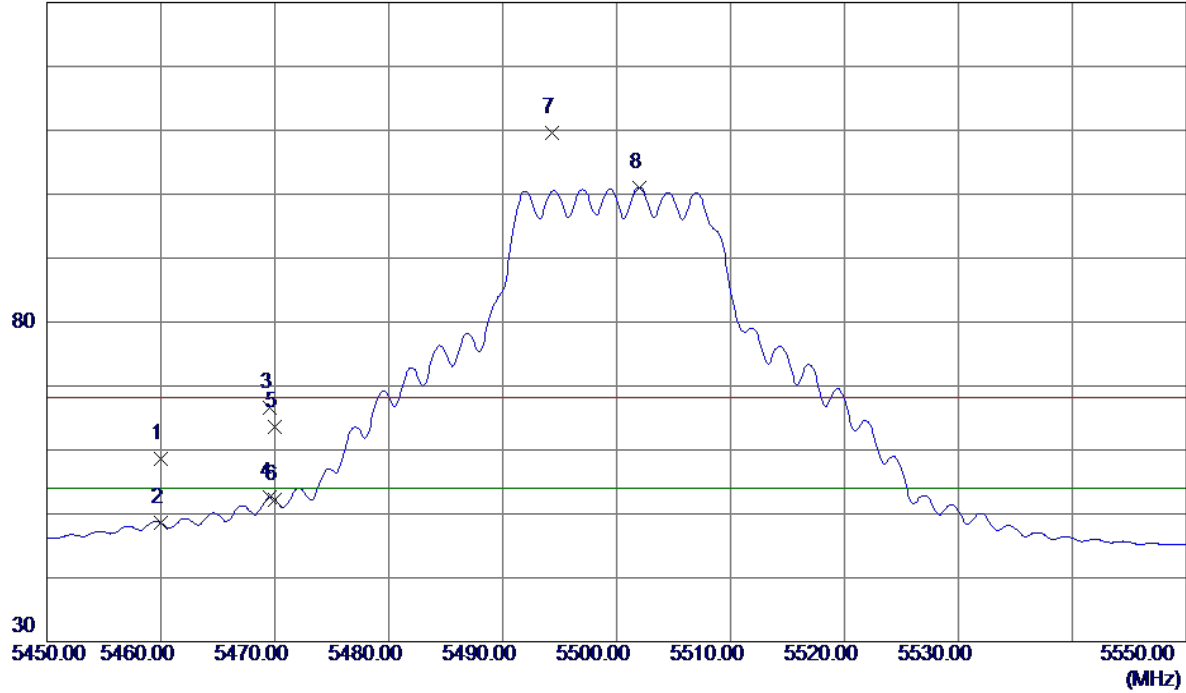


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11400.1300	21.63	15.71	37.34	54.00	-16.66	AVG	
2	11404.0800	32.23	15.72	47.95	74.00	-26.05	Peak	

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

### Vertical

130 dBuV/m

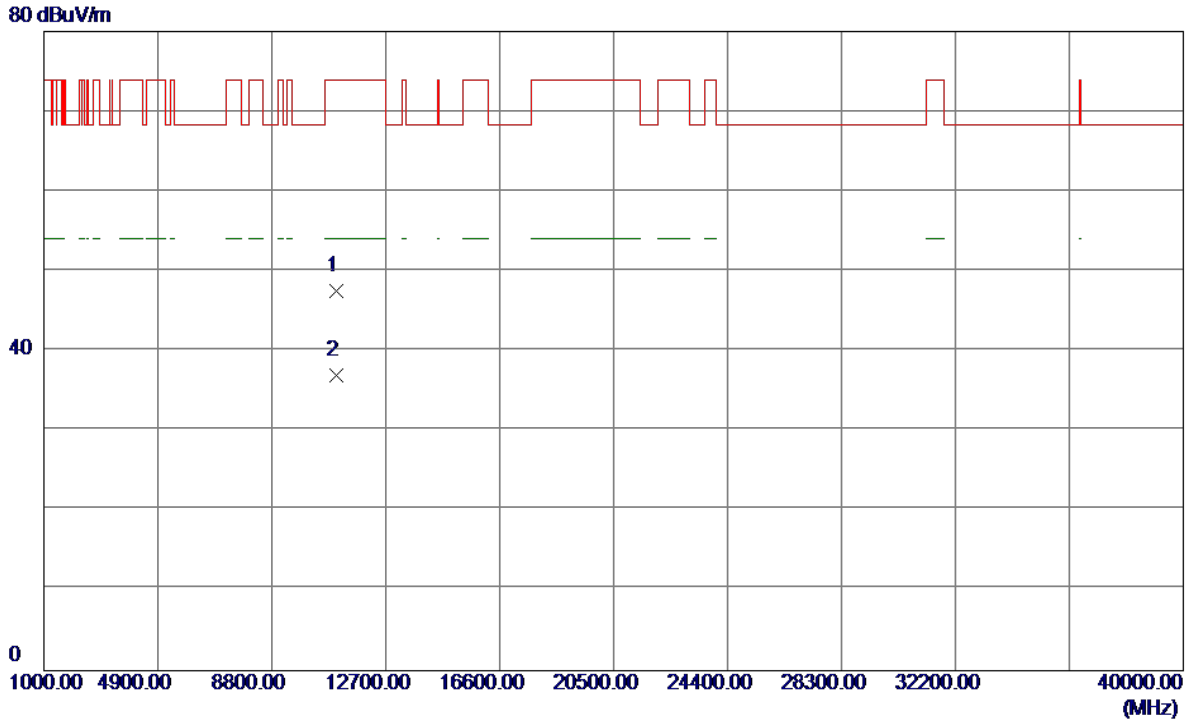


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	16.00	42.68	58.68	68.30	-9.62	Peak	
2	5460.0000	5.89	42.68	48.57	54.00	-5.43	AVG	
3	5469.6000	23.93	42.73	66.66	68.30	-1.64	Peak	
4	5469.6000	9.89	42.73	52.62	54.00	-1.38	AVG	
5	5470.0000	20.83	42.73	63.56	68.30	-4.74	Peak	
6	5470.0000	9.56	42.73	52.29	54.00	-1.71	AVG	
7	5494.3000	66.78	42.85	109.63	68.30	41.33	Peak	No Limit
8 *	5502.0000	58.19	42.89	101.08	54.00	47.08	AVG	No Limit



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

**Vertical**

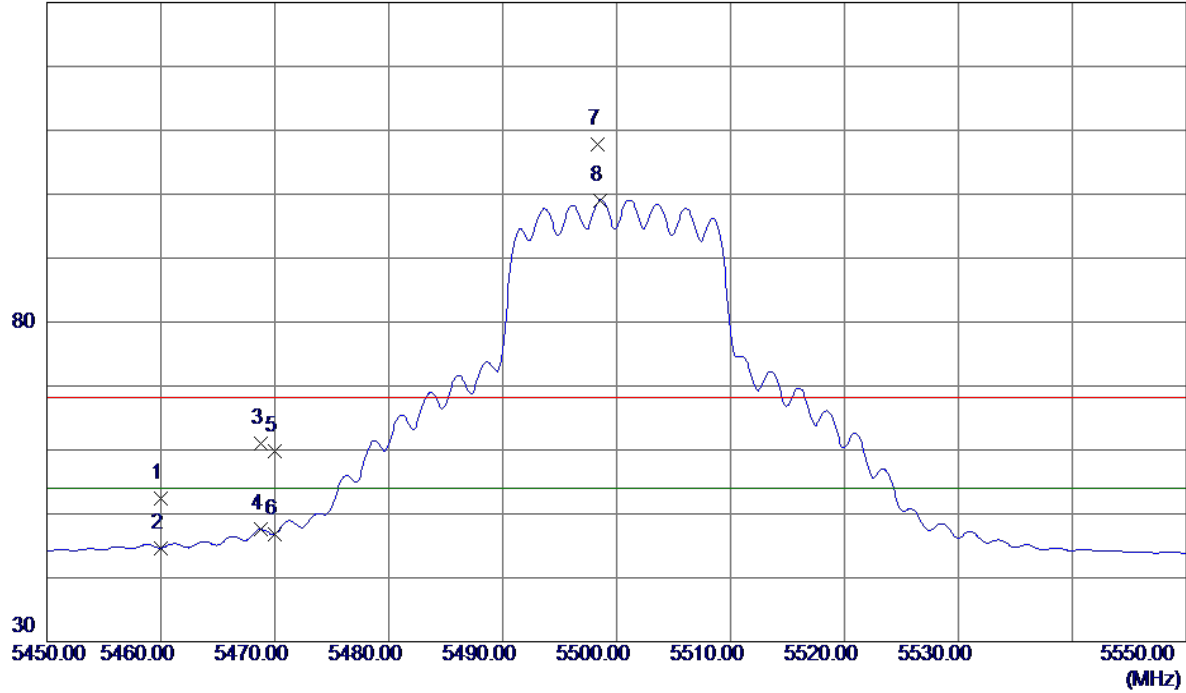


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10995.6900	32.86	14.73	47.59	74.00	-26.41	Peak	
2 *	11000.0900	22.16	14.73	36.89	54.00	-17.11	AVG	

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

### Horizontal

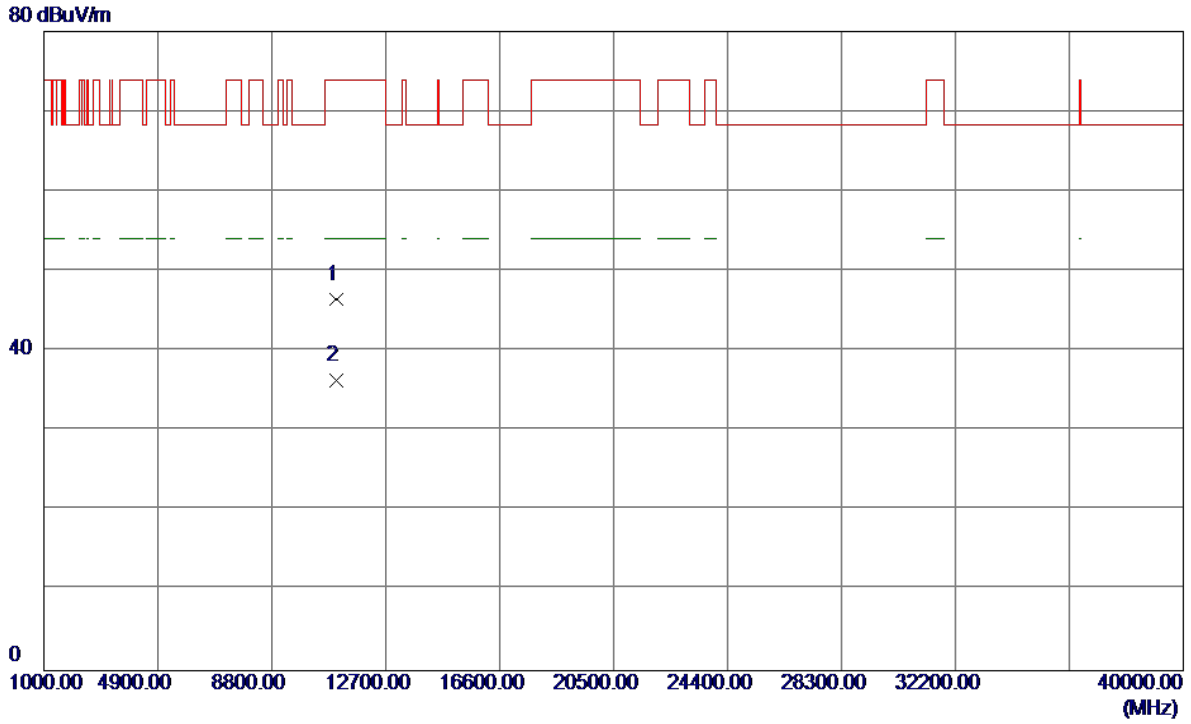
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	9.77	42.68	52.45	68.30	-15.85	Peak	
2	5460.0000	1.96	42.68	44.64	54.00	-9.36	AVG	
3	5468.8000	18.37	42.72	61.09	68.30	-7.21	Peak	
4	5468.8000	4.82	42.72	47.54	54.00	-6.46	AVG	
5	5470.0000	17.05	42.73	59.78	68.30	-8.52	Peak	
6	5470.0000	4.08	42.73	46.81	54.00	-7.19	AVG	
7	5498.3000	65.00	42.87	107.87	68.30	39.57	Peak	No Limit
8 *	5498.6000	56.23	42.87	99.10	54.00	45.10	AVG	No Limit

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

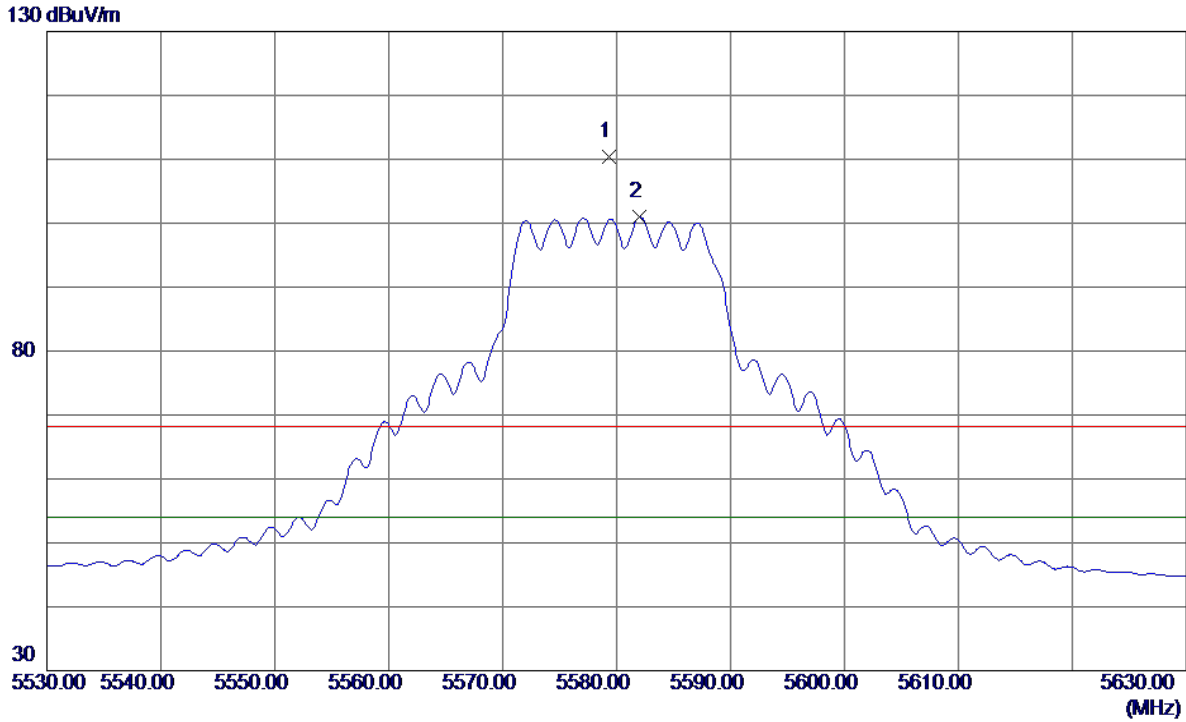
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10999.7500	31.75	14.73	46.48	74.00	-27.52	Peak	
2 *	11002.1600	21.58	14.74	36.32	54.00	-17.68	AVG	

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

**Vertical**

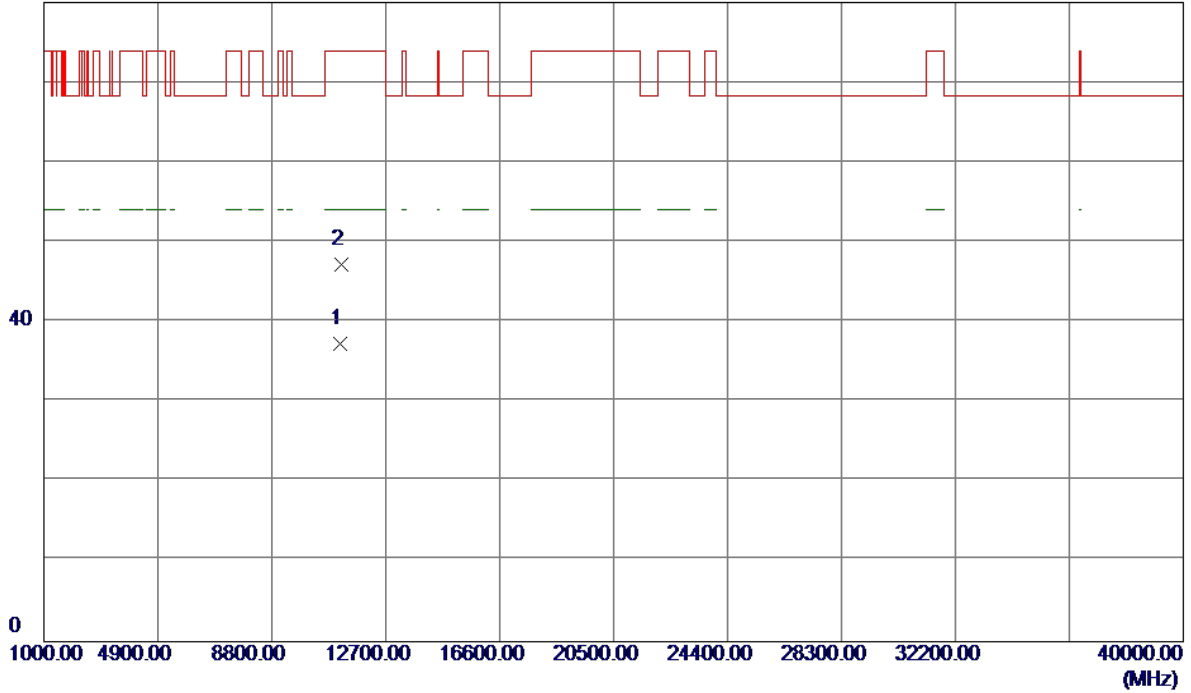


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5579.3000	67.31	43.12	110.43	68.30	42.13	Peak	No Limit
2 *	5582.0000	57.80	43.13	100.93	54.00	46.93	AVG	No Limit

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

**Vertical**

80 dBuV/m

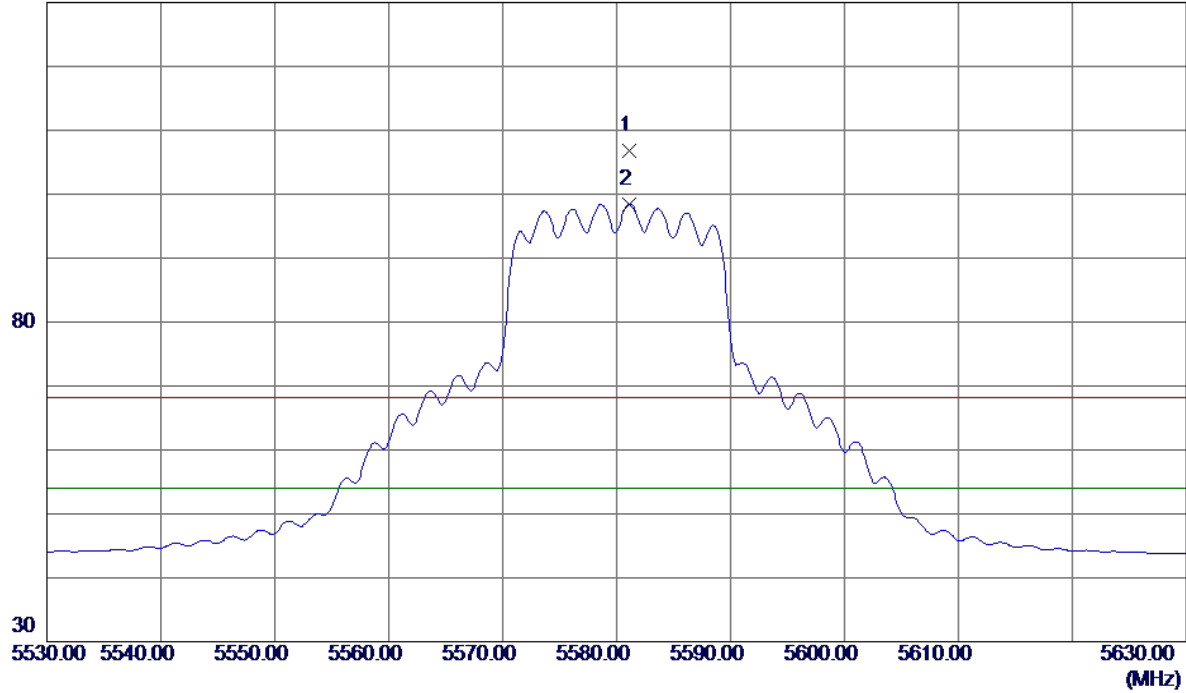


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11159.7500	22.20	15.12	37.32	54.00	-16.68	AVG	
2	11164.2000	32.09	15.13	47.22	74.00	-26.78	Peak	

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

### Horizontal

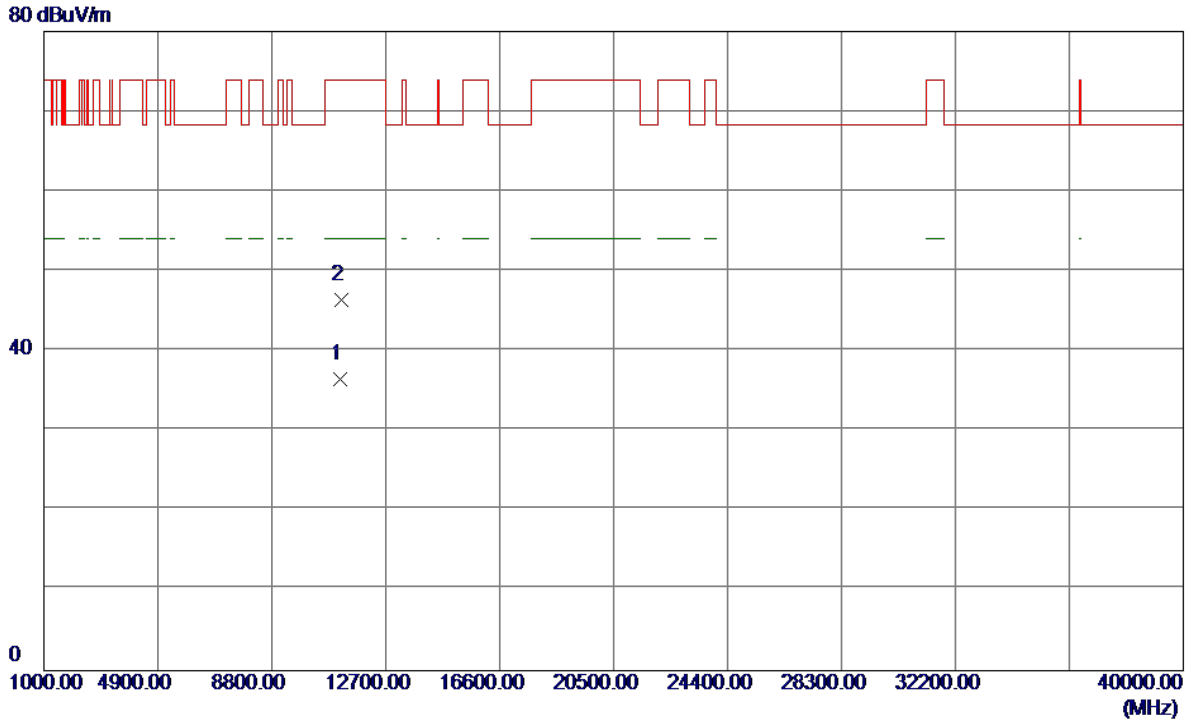
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5581.1000	63.64	43.12	106.76	68.30	38.46	Peak	No Limit
2 *	5581.1000	55.28	43.12	98.40	54.00	44.40	AVG	No Limit

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

**Horizontal**

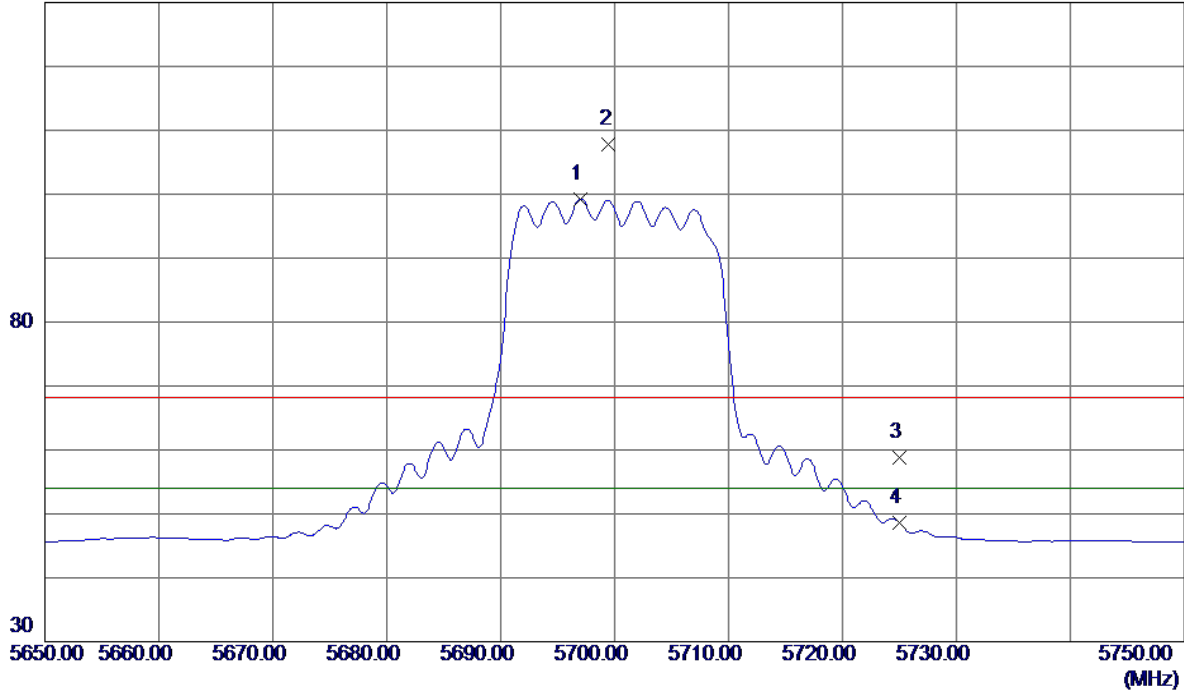


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11160.4000	21.31	15.12	36.43	54.00	-17.57	AVG	
2	11163.6700	31.31	15.13	46.44	74.00	-27.56	Peak	

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

**Vertical**

130 dBuV/m

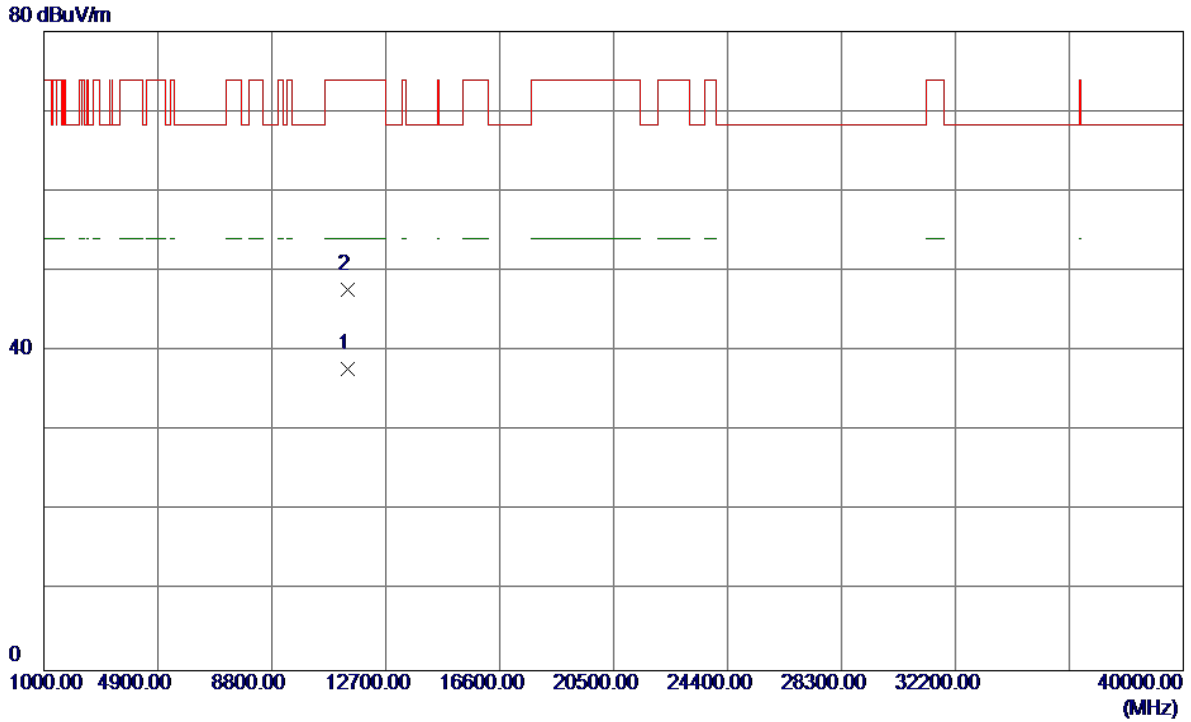


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5697.0000	55.77	43.47	99.24	54.00	45.24	AVG	No Limit
2	5699.5000	64.25	43.48	107.73	68.30	39.43	Peak	No Limit
3	5725.0000	15.22	43.56	58.78	68.30	-9.52	Peak	
4	5725.0000	5.02	43.56	48.58	54.00	-5.42	AVG	



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

**Vertical**

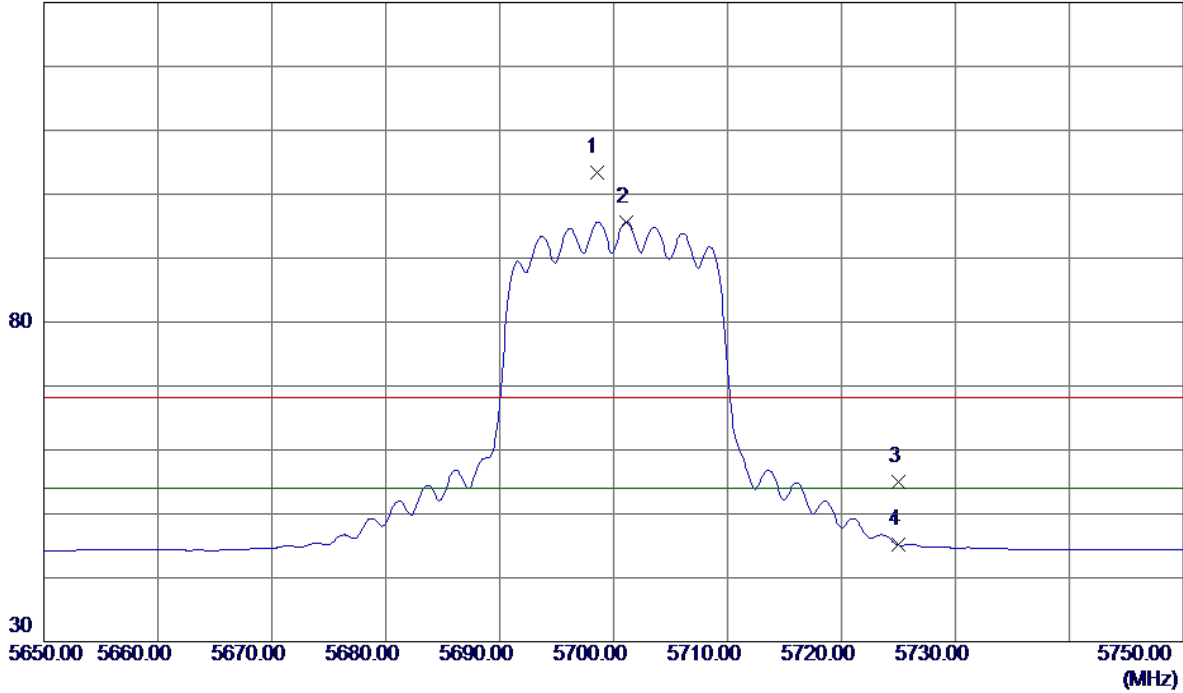


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11397.1700	22.09	15.70	37.79	54.00	-16.21	AVG	
2	11404.5599	31.91	15.72	47.63	74.00	-26.37	Peak	

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

### Horizontal

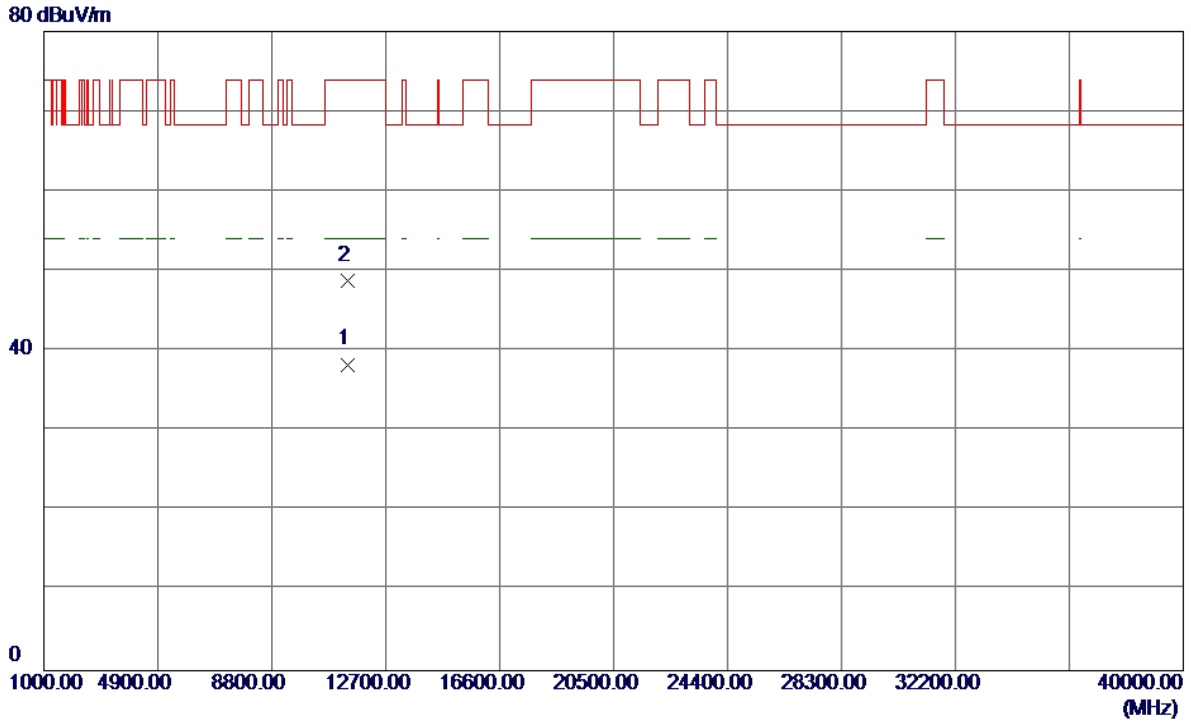
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5698.5000	59.99	43.48	103.47	68.30	35.17	Peak	No Limit
2 *	5701.1000	52.17	43.49	95.66	54.00	41.66	AVG	No Limit
3	5725.0000	11.43	43.56	54.99	68.30	-13.31	Peak	
4	5725.0000	1.55	43.56	45.11	54.00	-8.89	AVG	

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

**Horizontal**

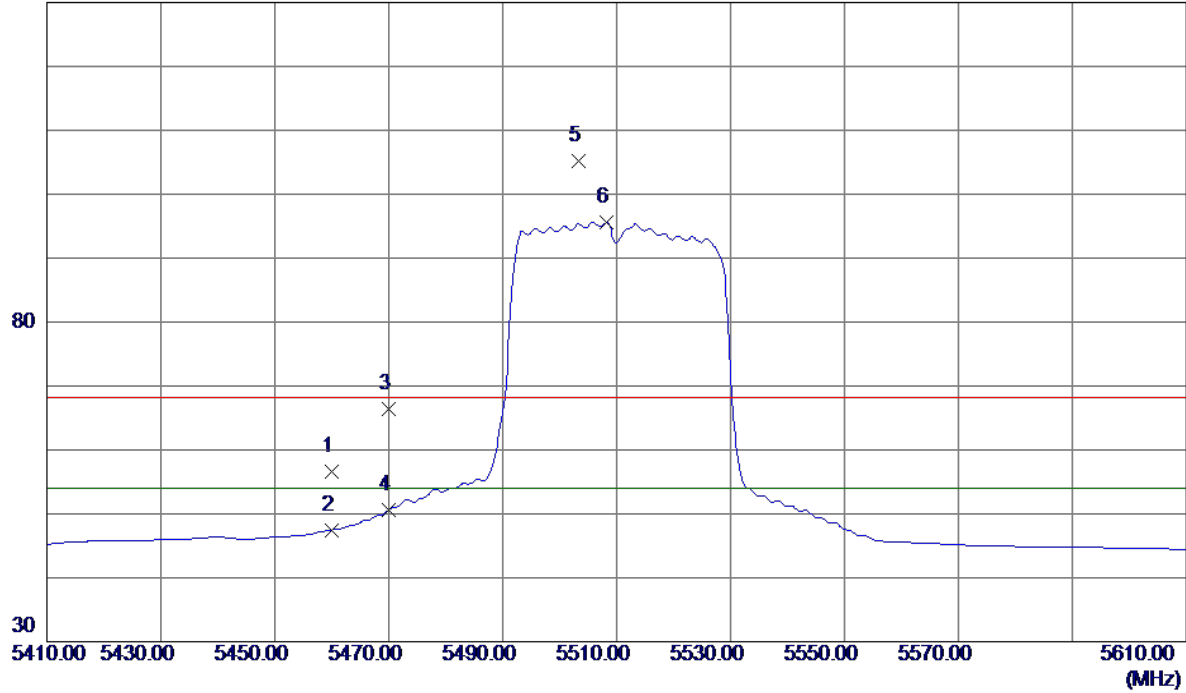


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11400.0700	22.61	15.71	38.32	54.00	-15.68	AVG	
2	11401.4000	33.12	15.71	48.83	74.00	-25.17	Peak	

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

**Vertical**

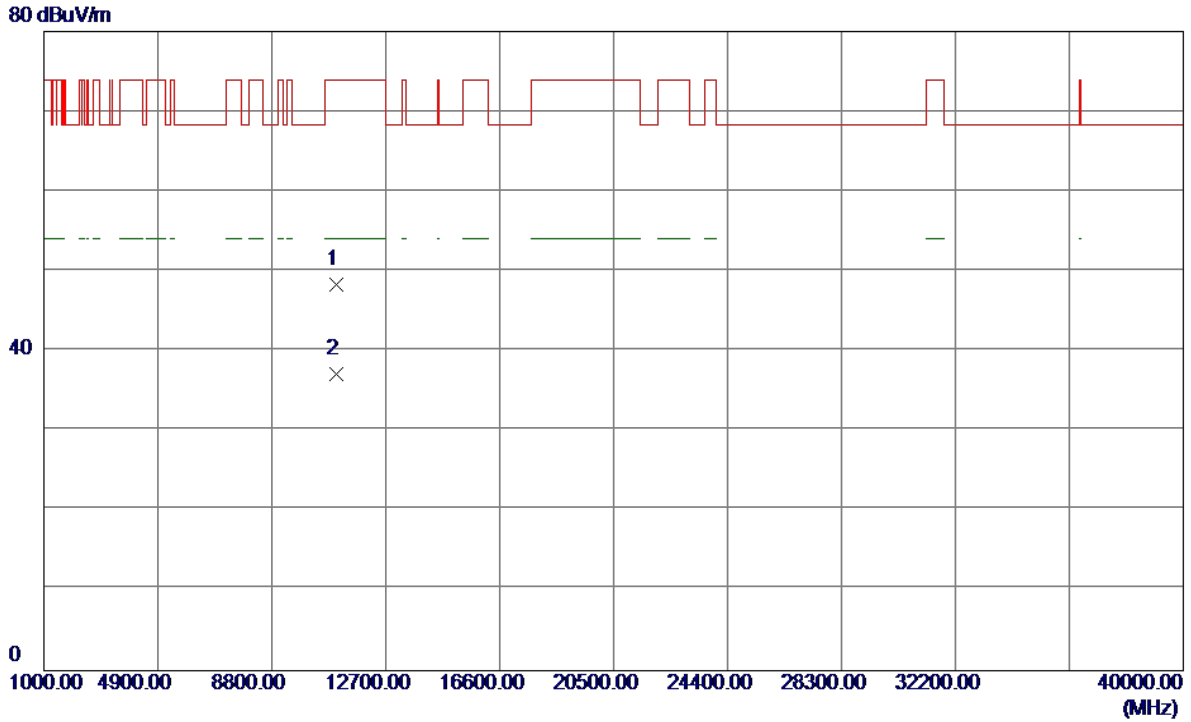
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	13.91	42.68	56.59	68.30	-11.71	Peak	
2	5460.0000	4.79	42.68	47.47	54.00	-6.53	AVG	
3	5470.0000	23.61	42.73	66.34	68.30	-1.96	Peak	
4	5470.0000	7.92	42.73	50.65	54.00	-3.35	AVG	
5	5503.4000	62.30	42.89	105.19	68.30	36.89	Peak	No Limit
6 *	5508.2000	52.66	42.90	95.56	54.00	41.56	AVG	No Limit

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

**Vertical**

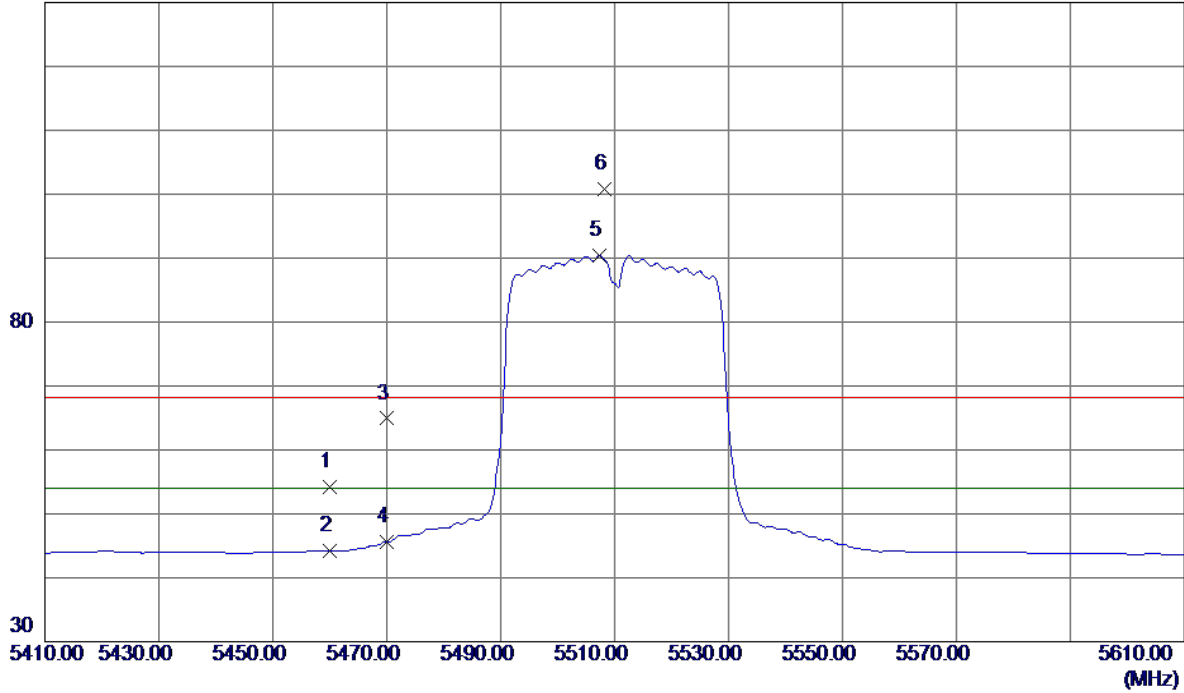


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11016.0300	33.51	14.77	48.28	74.00	-25.72	Peak	
2 *	11019.7000	22.36	14.78	37.14	54.00	-16.86	AVG	

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

**Horizontal**

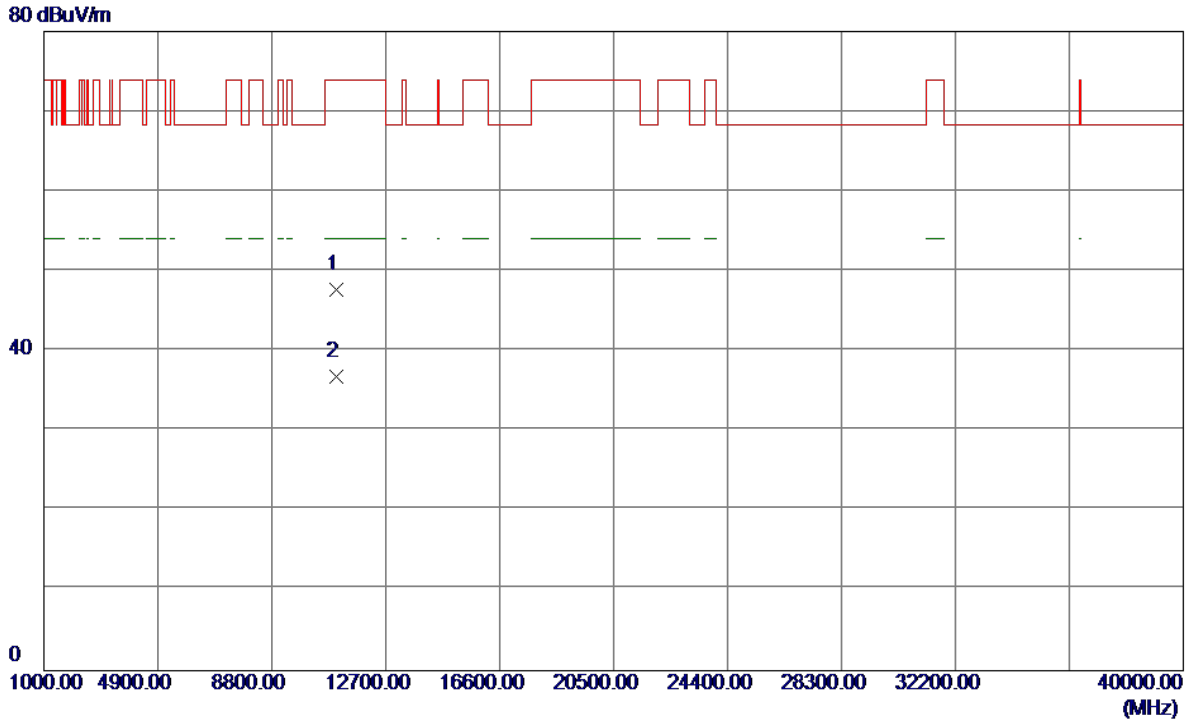
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	11.49	42.68	54.17	68.30	-14.13	Peak	
2	5460.0000	1.55	42.68	44.23	54.00	-9.77	AVG	
3	5470.0000	22.17	42.73	64.90	68.30	-3.40	Peak	
4	5470.0000	2.88	42.73	45.61	54.00	-8.39	AVG	
5 *	5507.4000	47.46	42.90	90.36	54.00	36.36	AVG	No Limit
6	5508.2000	57.84	42.90	100.74	68.30	32.44	Peak	No Limit

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

**Horizontal**

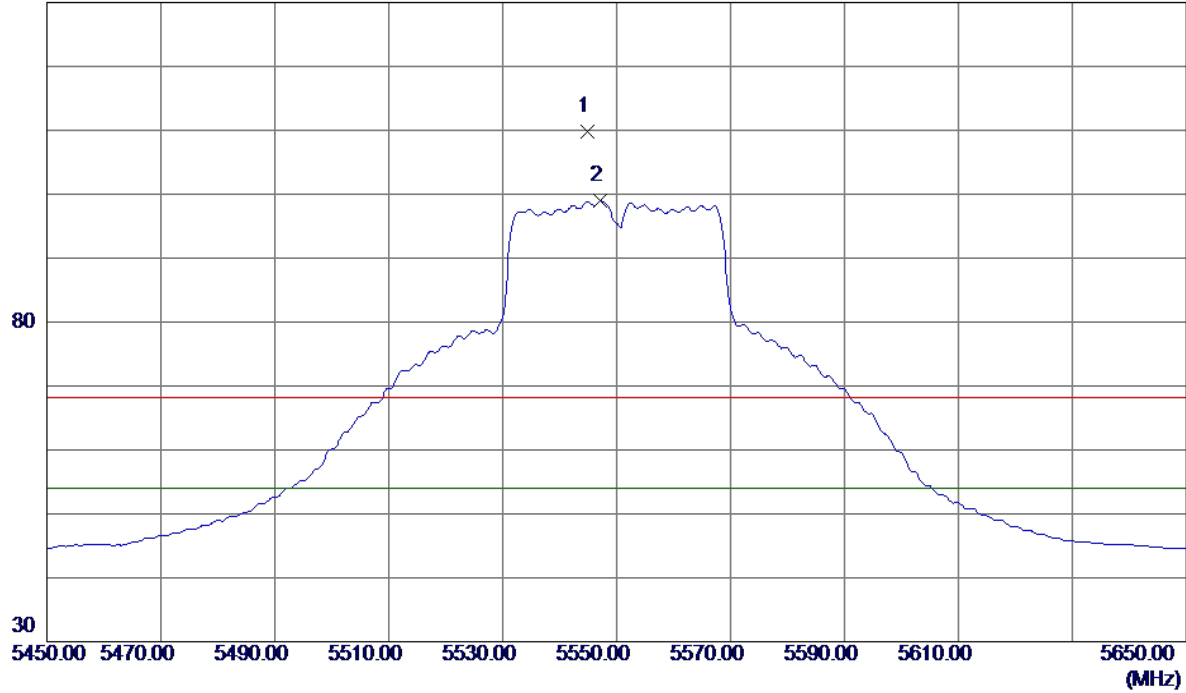


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11020.9300	32.84	14.78	47.62	74.00	-26.38	Peak	
2 *	11021.0100	21.98	14.78	36.76	54.00	-17.24	AVG	

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

**Vertical**

130 dBuV/m

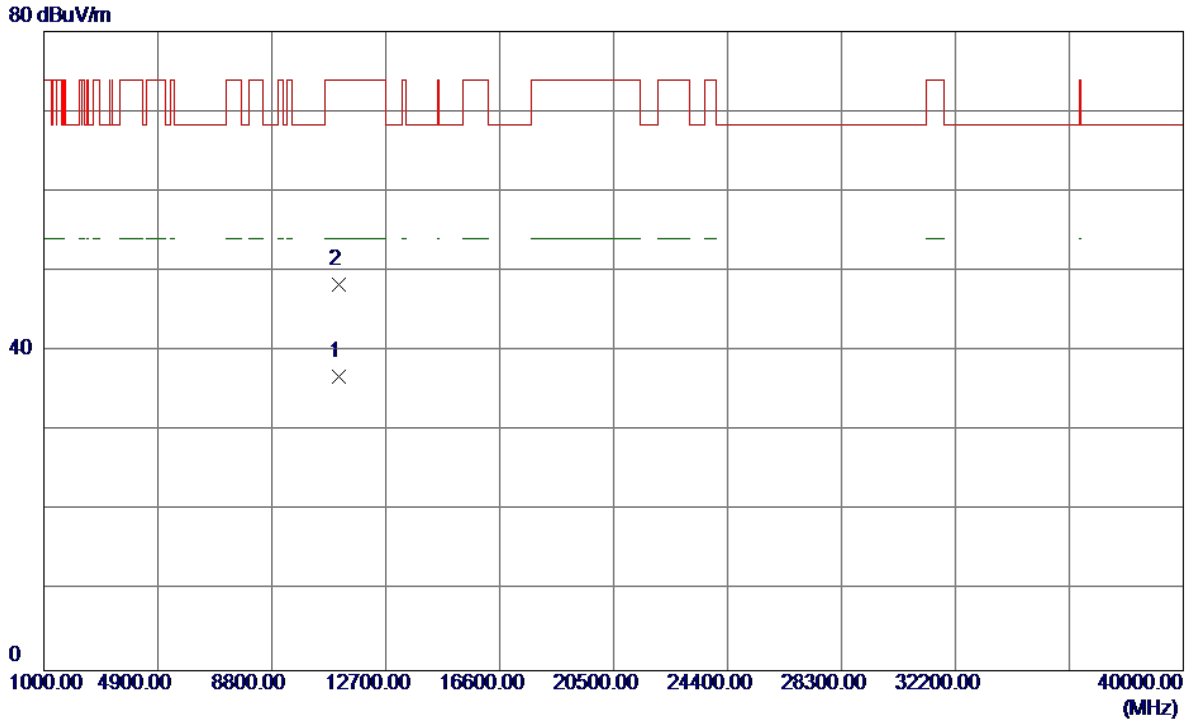


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5544.8000	66.76	43.02	109.78	68.30	41.48	Peak	No Limit
2 *	5547.2000	55.93	43.02	98.95	54.00	44.95	AVG	No Limit



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

**Vertical**

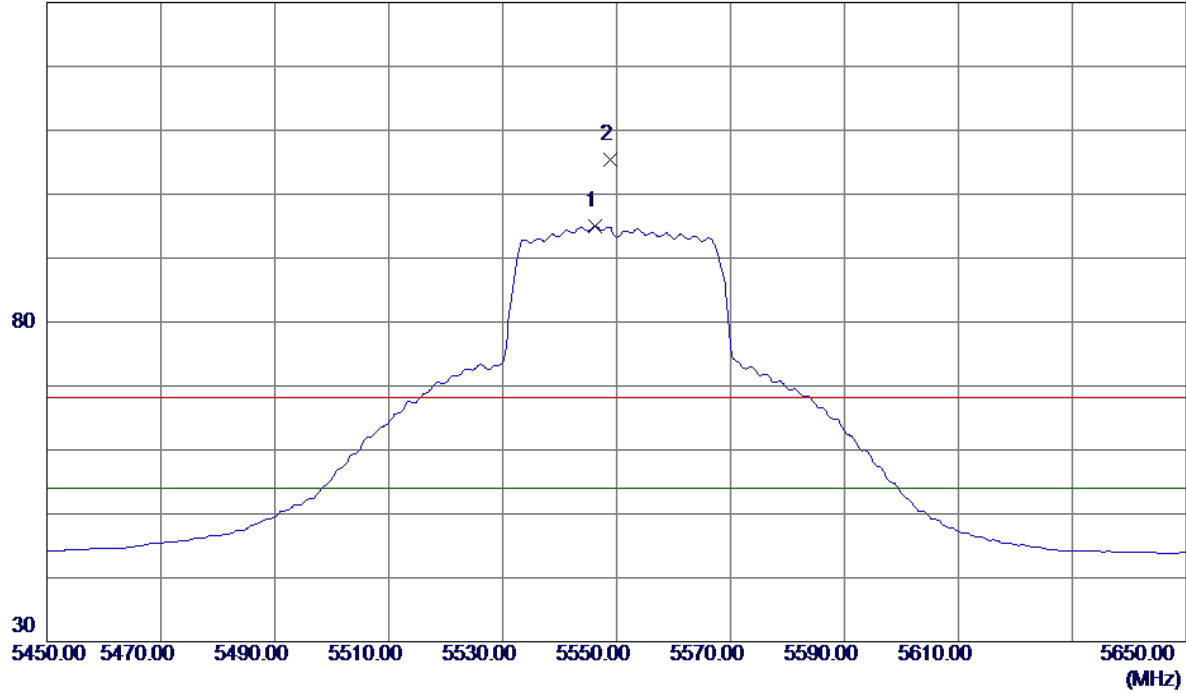


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11099.9400	21.89	14.97	36.86	54.00	-17.14	AVG	
2	11103.8000	33.40	14.98	48.38	74.00	-25.62	Peak	

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

### Horizontal

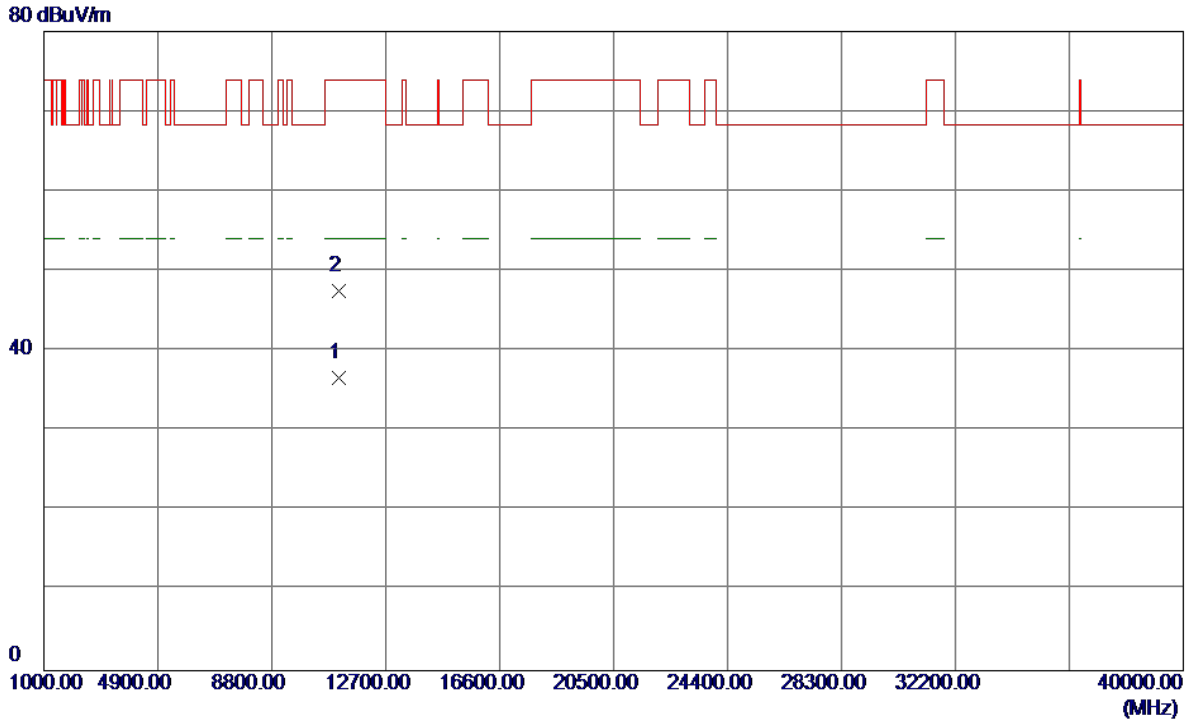
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5546.2000	51.98	43.02	95.00	54.00	41.00	AVG	No Limit
2	5548.8000	62.30	43.03	105.33	68.30	37.03	Peak	No Limit

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

**Horizontal**

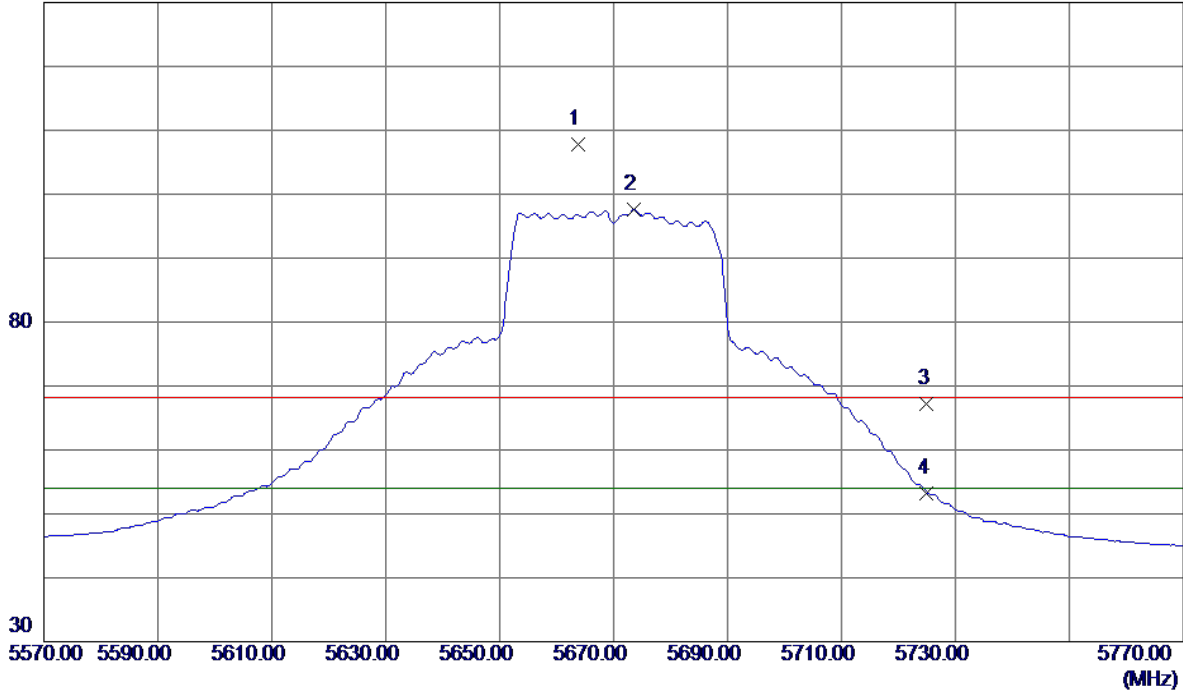


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11100.0199	21.68	14.97	36.65	54.00	-17.35	AVG	
2	11099.5599	32.59	14.97	47.56	74.00	-26.44	Peak	

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

### Vertical

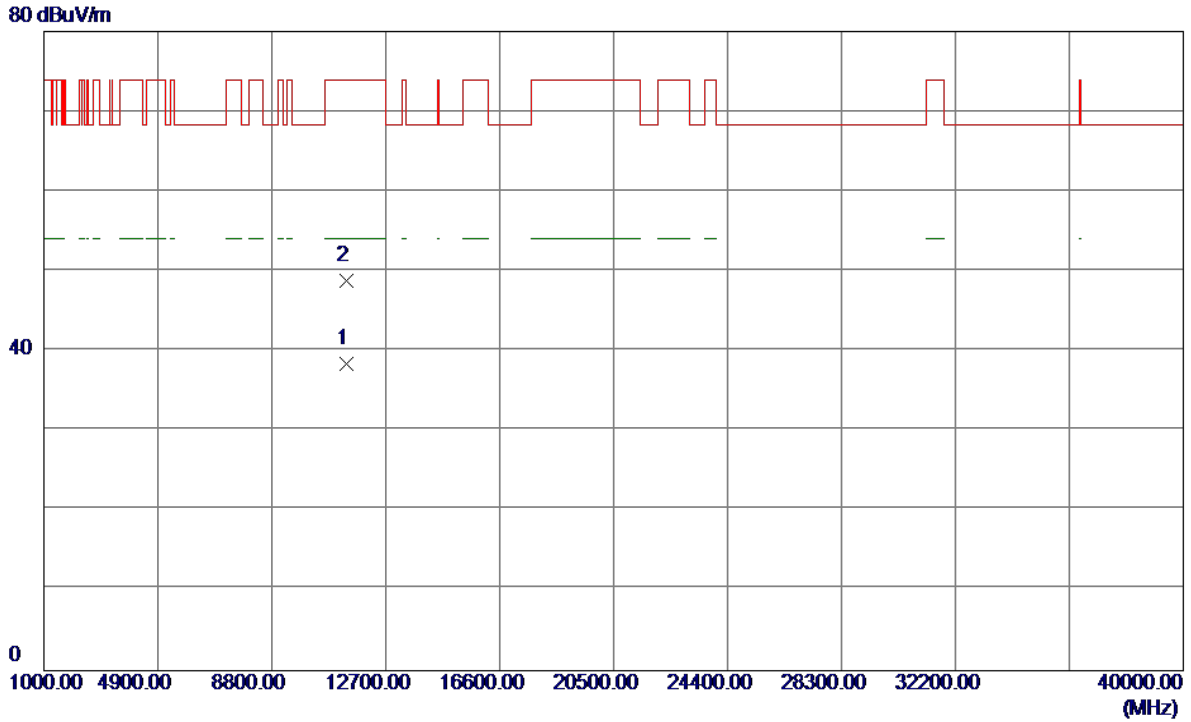
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5663.8000	64.48	43.37	107.85	68.30	39.55	Peak	No Limit
2 *	5673.6000	54.15	43.40	97.55	54.00	43.55	AVG	No Limit
3	5725.0000	23.67	43.56	67.23	68.30	-1.07	Peak	
4	5725.0000	9.56	43.56	53.12	54.00	-0.88	AVG	

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

**Vertical**

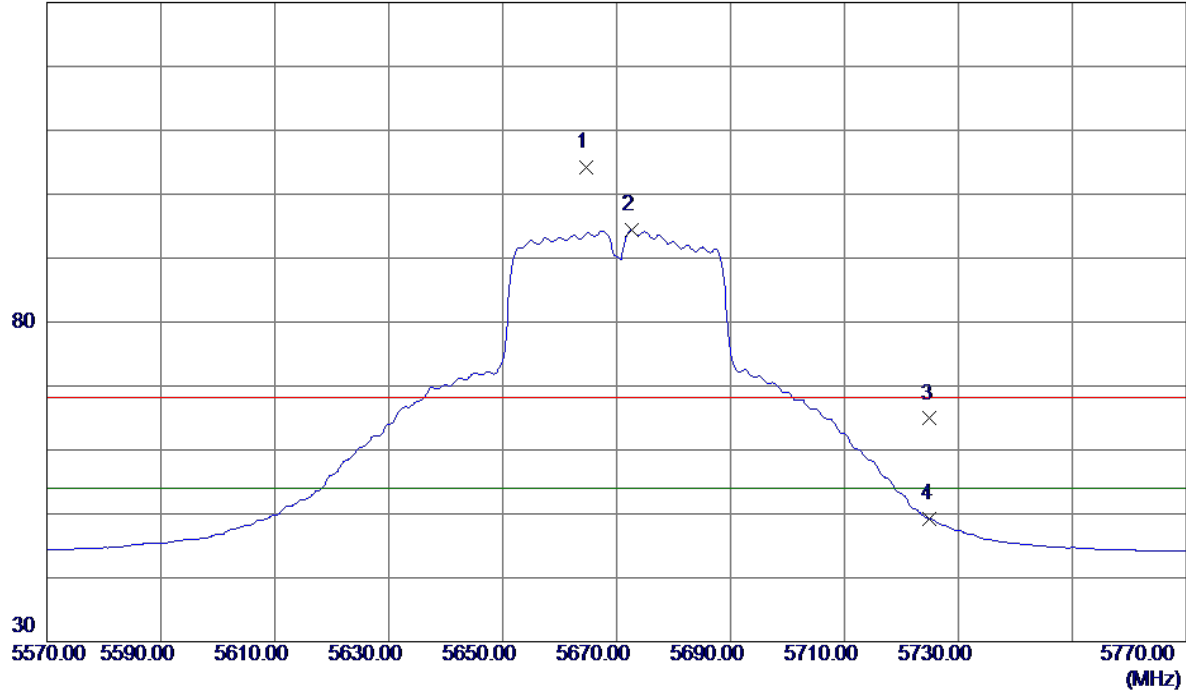


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11339.5599	22.86	15.56	38.42	54.00	-15.58	AVG	
2	11343.0800	33.19	15.57	48.76	74.00	-25.24	Peak	

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

### Horizontal

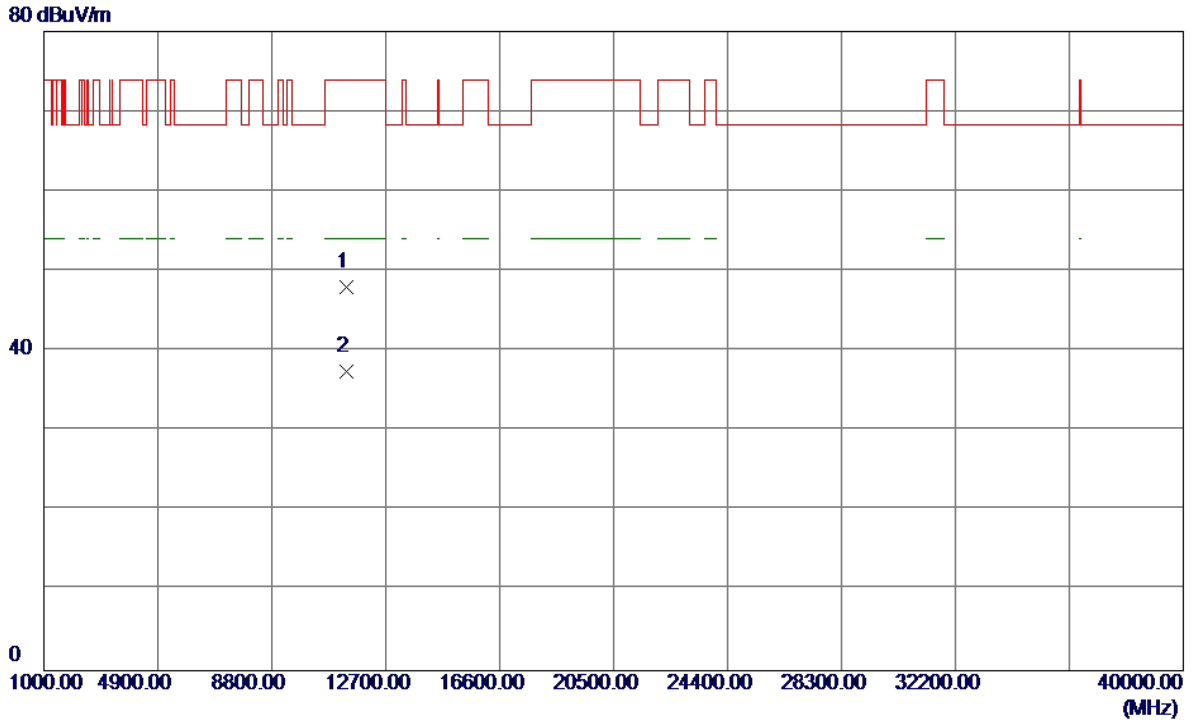
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5664.6000	60.91	43.38	104.29	68.30	35.99	Peak	No Limit
2 *	5672.6000	50.91	43.40	94.31	54.00	40.31	AVG	No Limit
3	5725.0000	21.34	43.56	64.90	68.30	-3.40	Peak	
4	5725.0000	5.66	43.56	49.22	54.00	-4.78	AVG	

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

**Horizontal**

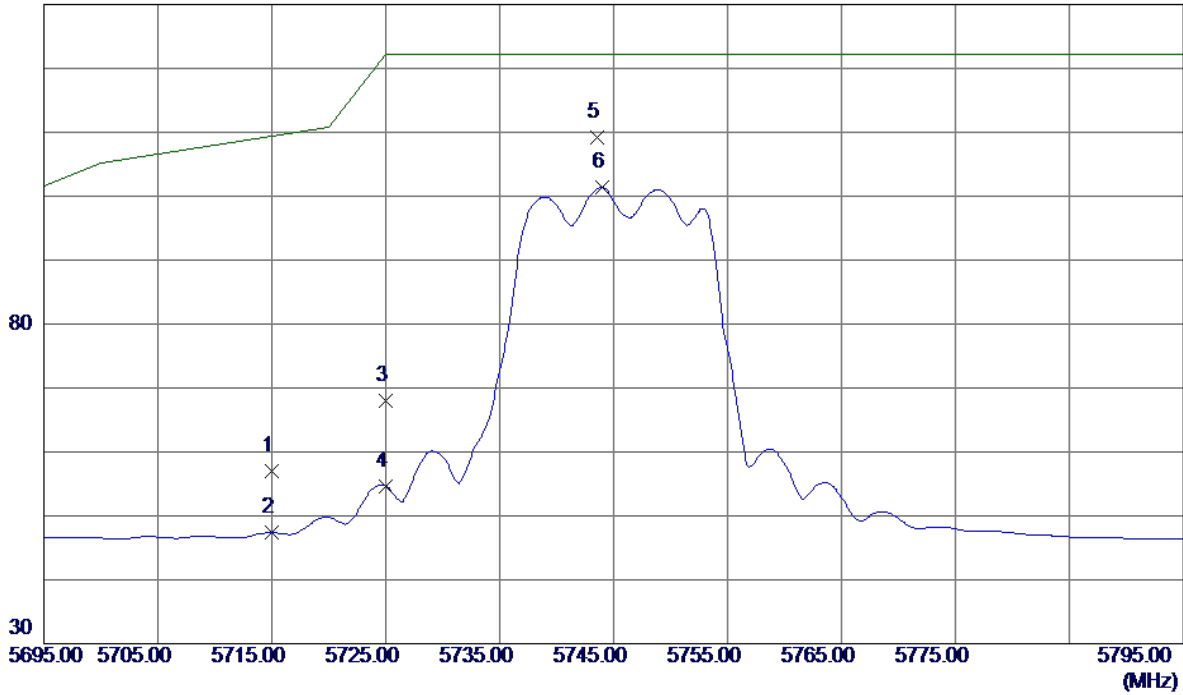


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11335.1500	32.38	15.55	47.93	74.00	-26.07	Peak	
2 *	11338.8900	21.86	15.56	37.42	54.00	-16.58	AVG	

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

**Vertical**

130 dBuV/m

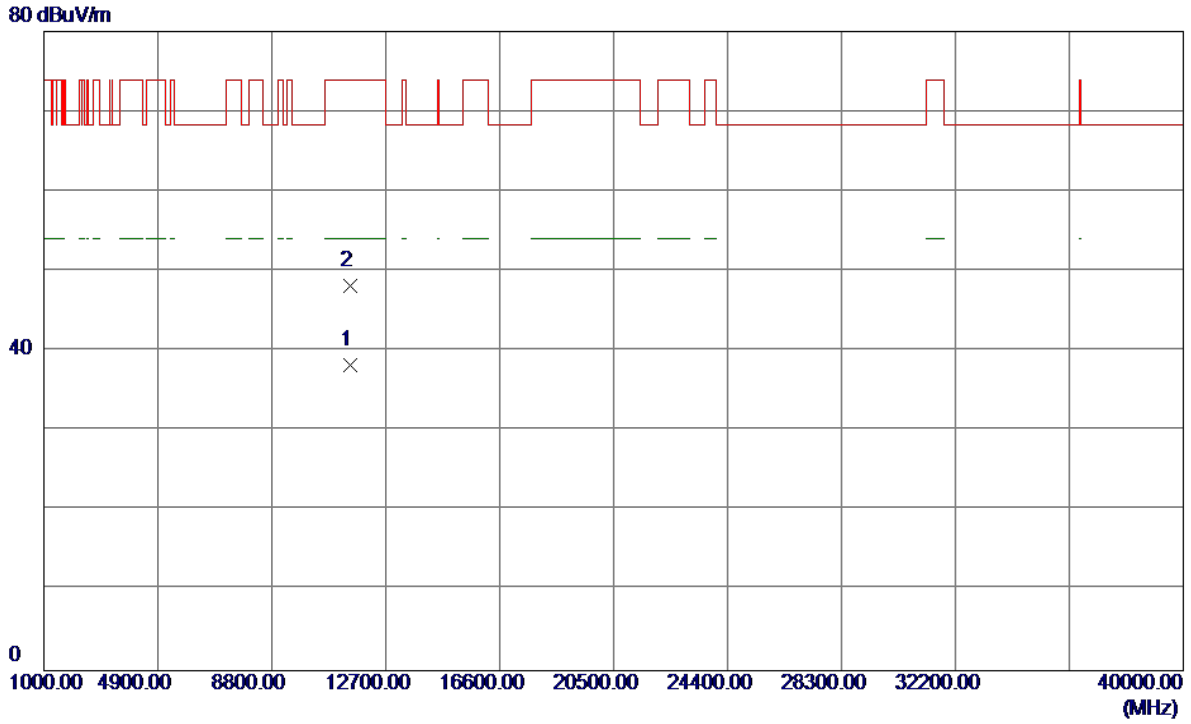


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	13.52	43.53	57.05	109.40	-52.35	Peak	
2	5715.0000	3.85	43.53	47.38	109.40	-62.02	AVG	
3	5725.0000	24.48	43.56	68.04	122.20	-54.16	Peak	
4	5725.0000	11.10	43.56	54.66	122.20	-67.54	AVG	
5 *	5743.6000	65.56	43.62	109.18	122.20	-13.02	Peak	
6	5744.0000	57.71	43.62	101.33	122.20	-20.87	AVG	



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

**Vertical**

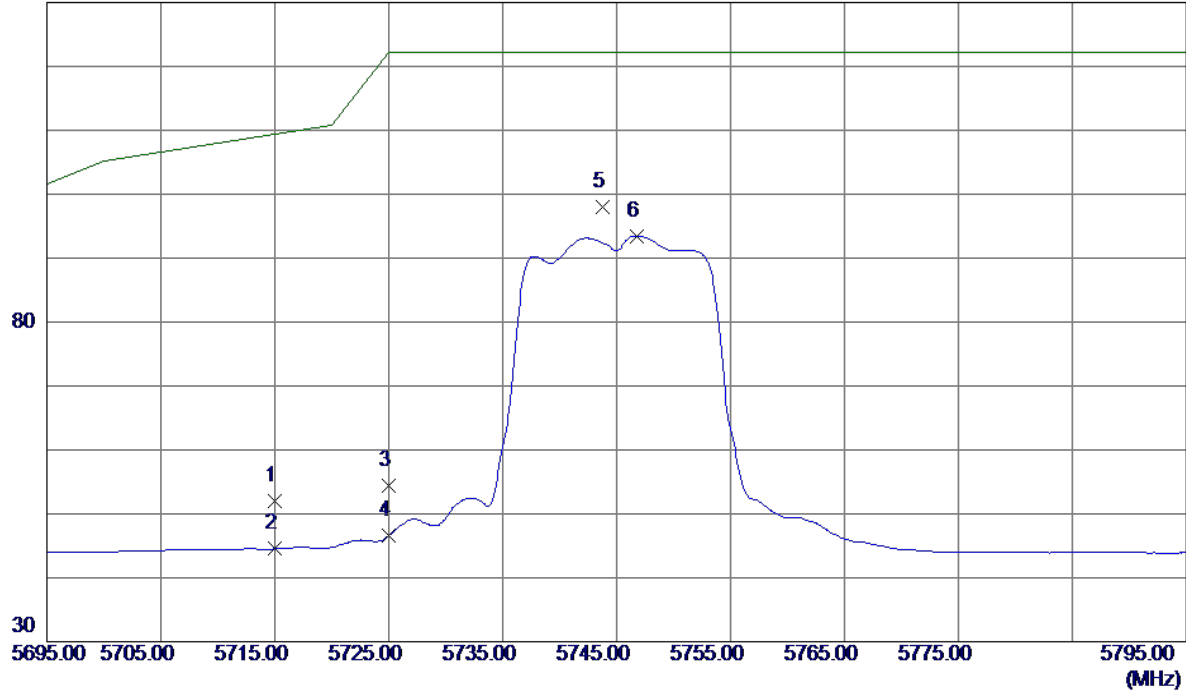


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11491.2000	22.37	15.93	38.30	54.00	-15.70	AVG	
2	11491.7600	32.19	15.93	48.12	74.00	-25.88	Peak	

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

### Horizontal

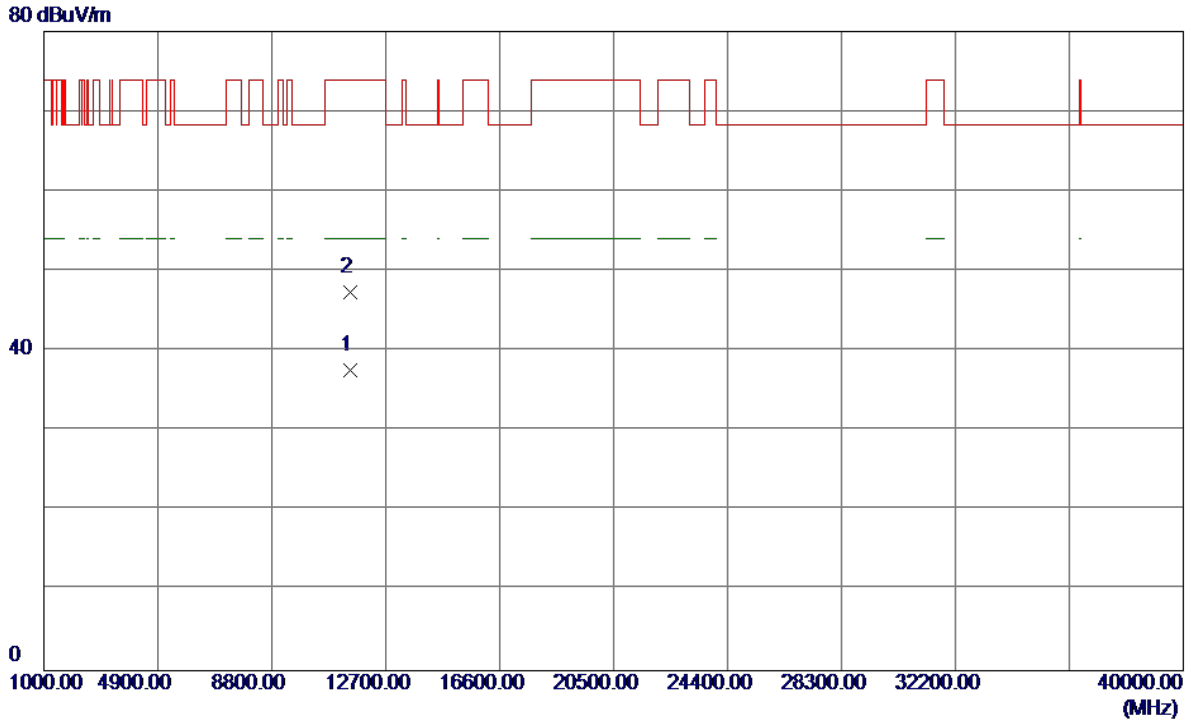
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	8.44	43.53	51.97	109.40	-57.43	Peak	
2	5715.0000	0.98	43.53	44.51	109.40	-64.89	AVG	
3	5725.0000	10.85	43.56	54.41	122.20	-67.79	Peak	
4	5725.0000	3.02	43.56	46.58	122.20	-75.62	AVG	
5 *	5743.8000	54.46	43.62	98.08	122.20	-24.12	Peak	
6	5746.8000	49.84	43.63	93.47	122.20	-28.73	AVG	

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

**Horizontal**

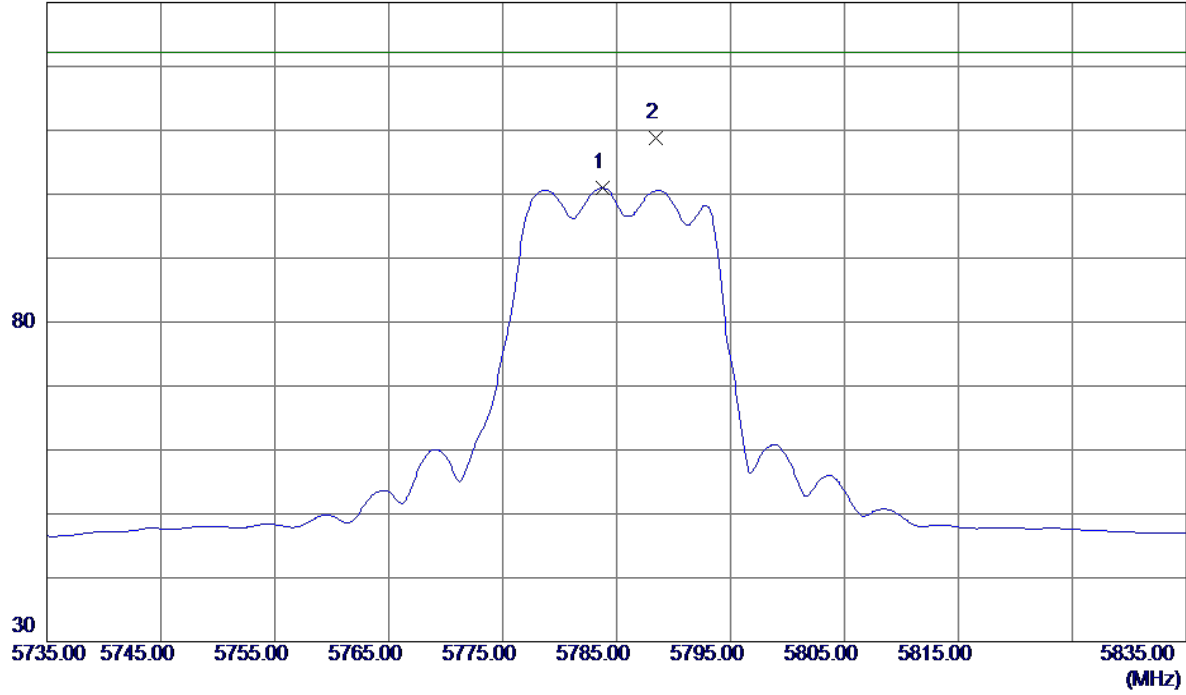


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11490.4000	21.60	15.93	37.53	54.00	-16.47	AVG	
2	11490.4800	31.36	15.93	47.29	74.00	-26.71	Peak	

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

**Vertical**

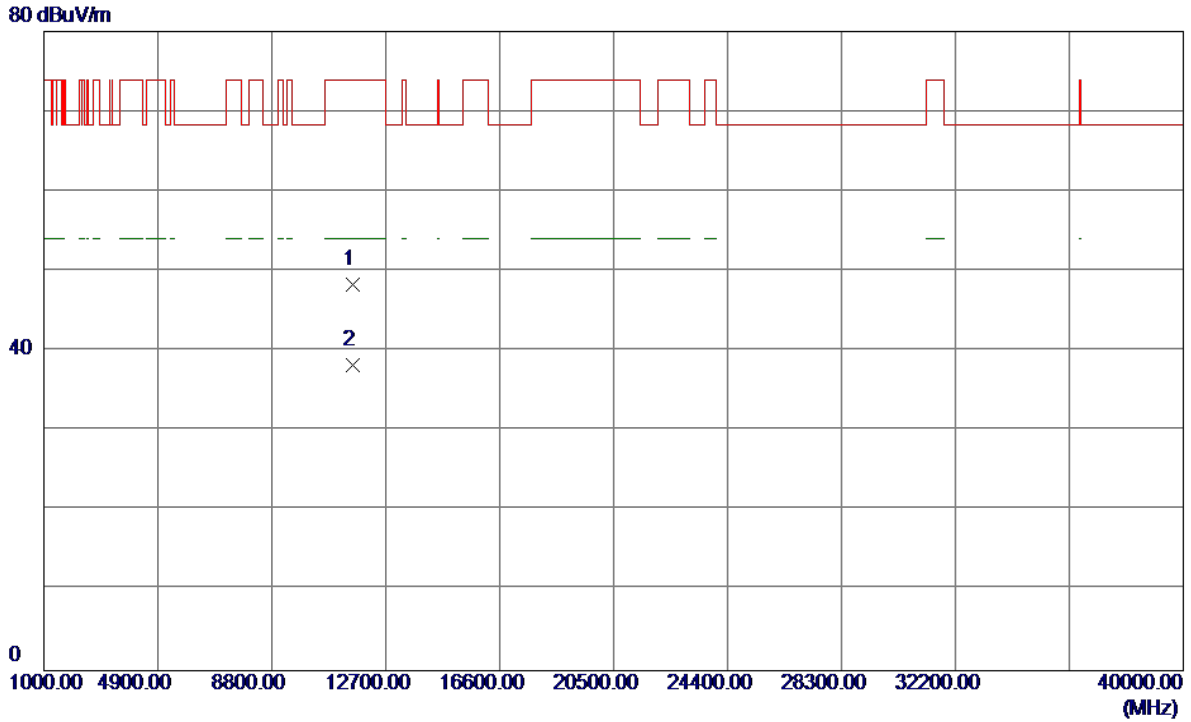
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5783.8000	57.20	43.74	100.94	122.20	-21.26	AVG	
2 *	5788.4000	65.07	43.75	108.82	122.20	-13.38	Peak	

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

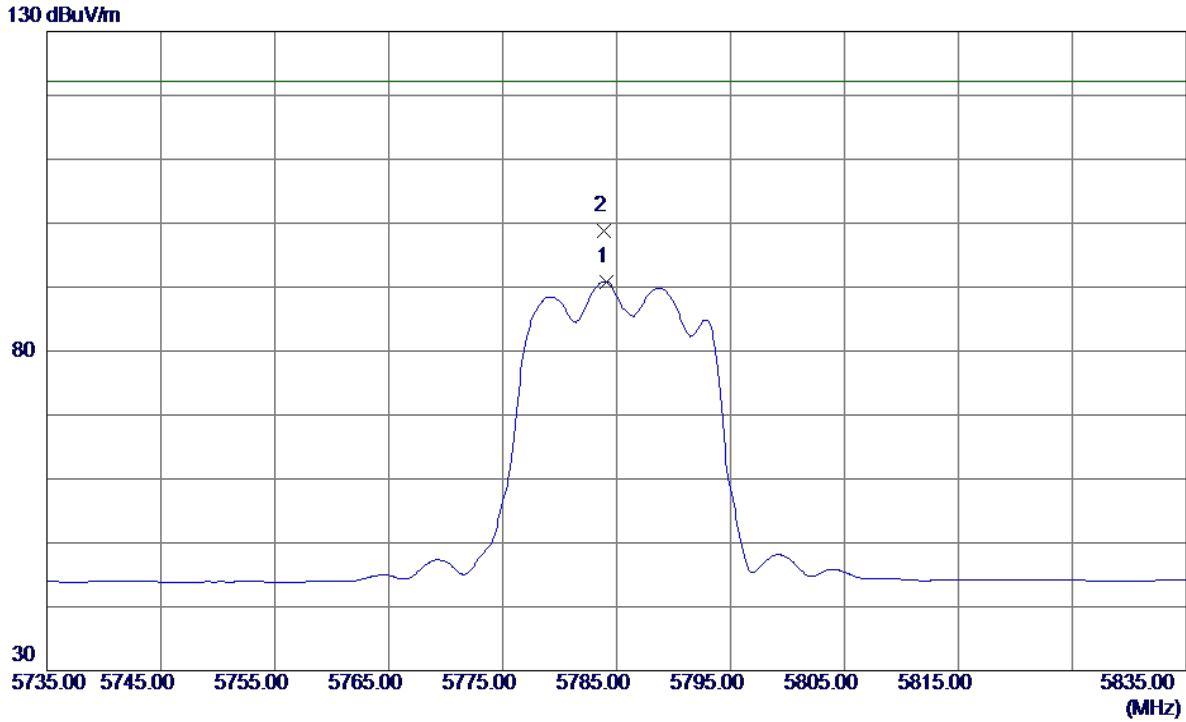
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11567.8900	32.32	16.03	48.35	74.00	-25.65	Peak	
2 *	11569.9200	22.22	16.03	38.25	54.00	-15.75	AVG	

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

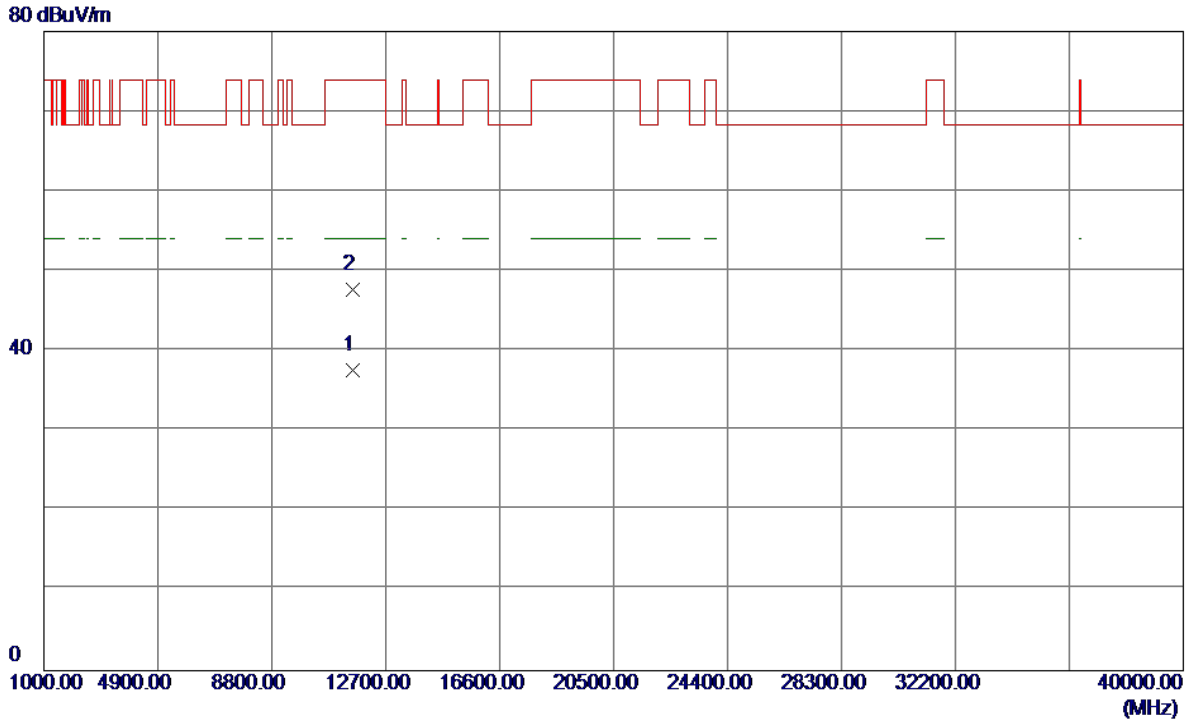
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5784.1000	47.13	43.74	90.87	122.20	-31.33	AVG	
2 *	5783.9000	55.04	43.74	98.78	122.20	-23.42	Peak	

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

**Horizontal**

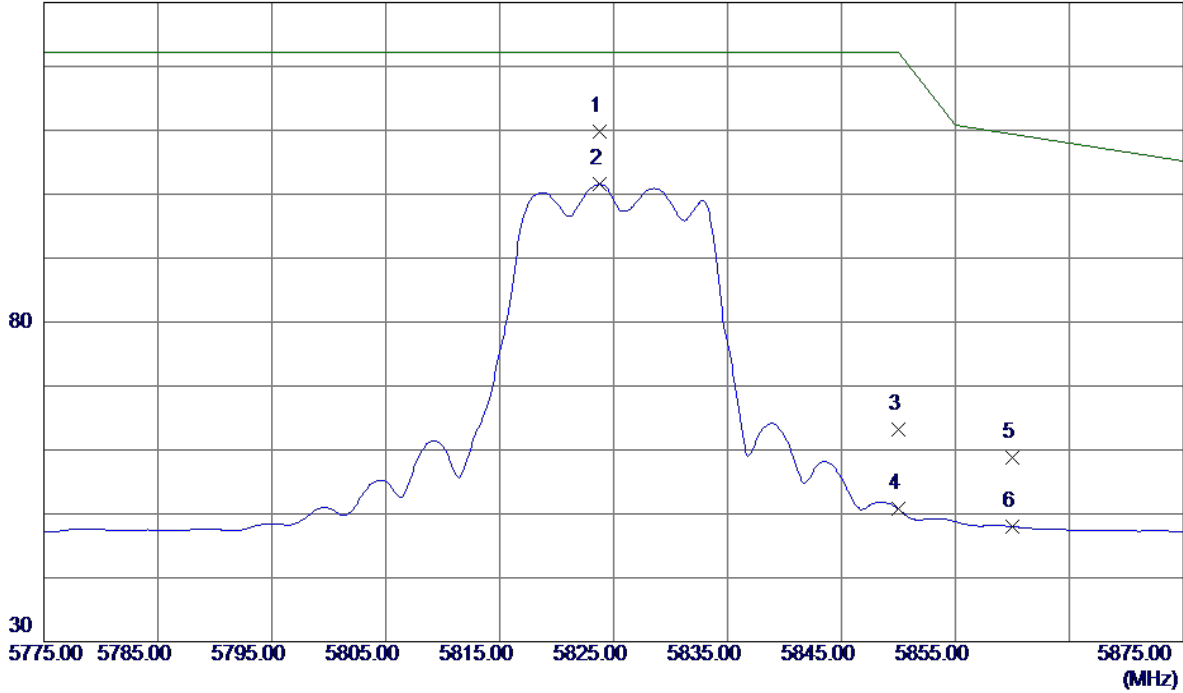


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11570.1200	21.57	16.03	37.60	54.00	-16.40	AVG	
2	11571.4400	31.68	16.04	47.72	74.00	-26.28	Peak	

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

**Vertical**

130 dBuV/m

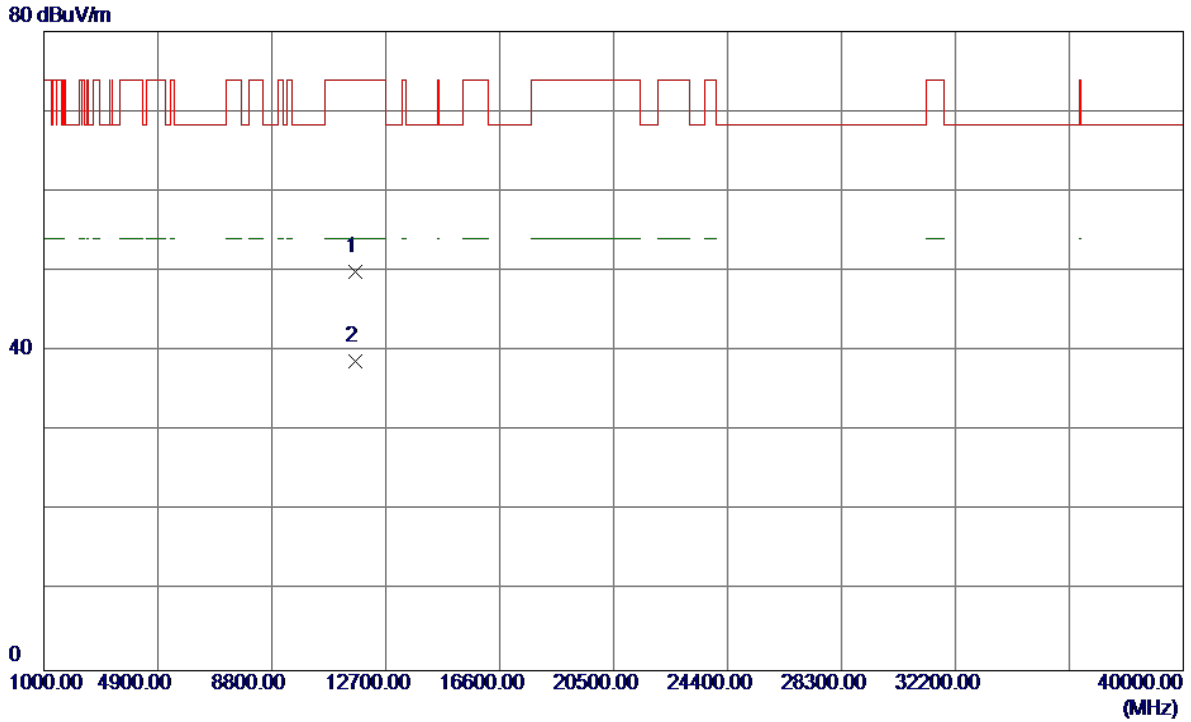


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5823.8000	65.94	43.86	109.80	122.20	-12.40	Peak	
2	5823.8000	57.65	43.86	101.51	122.20	-20.69	AVG	
3	5850.0000	19.23	43.94	63.17	122.20	-59.03	Peak	
4	5850.0000	6.79	43.94	50.73	122.20	-71.47	AVG	
5	5860.0000	14.89	43.97	58.86	109.40	-50.54	Peak	
6	5860.0000	4.04	43.97	48.01	109.40	-61.39	AVG	



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

**Vertical**

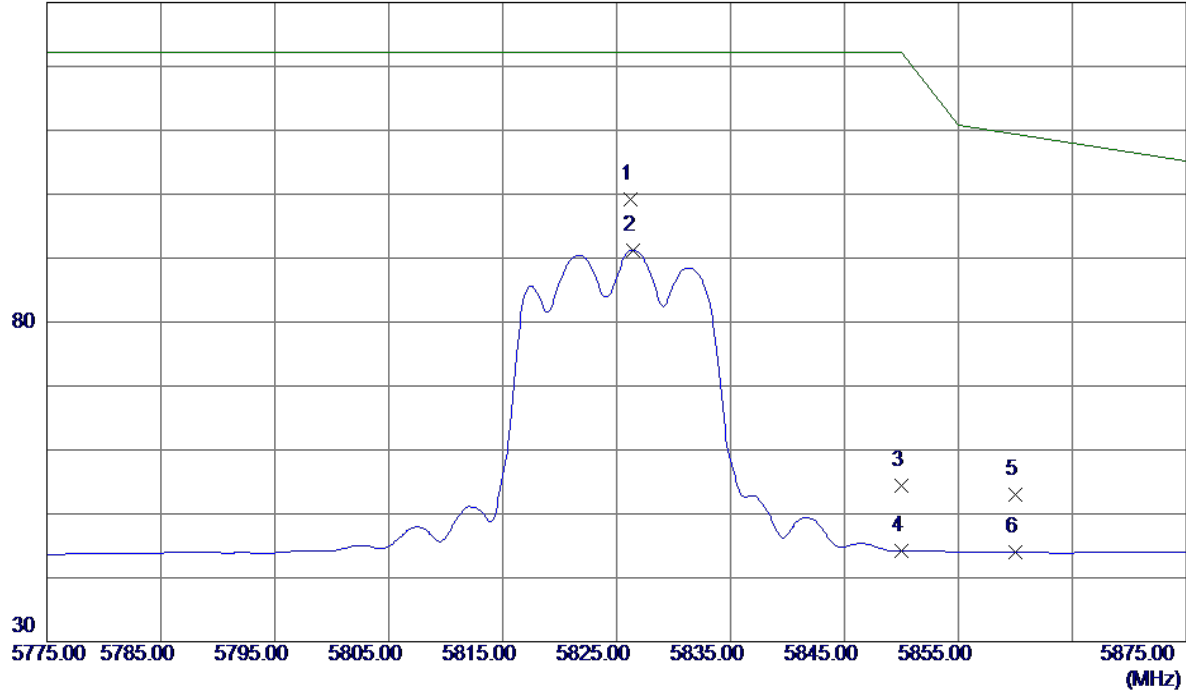


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11649.3900	33.73	16.12	49.85	74.00	-24.15	Peak	
2 *	11649.9800	22.63	16.12	38.75	54.00	-15.25	AVG	

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

### Horizontal

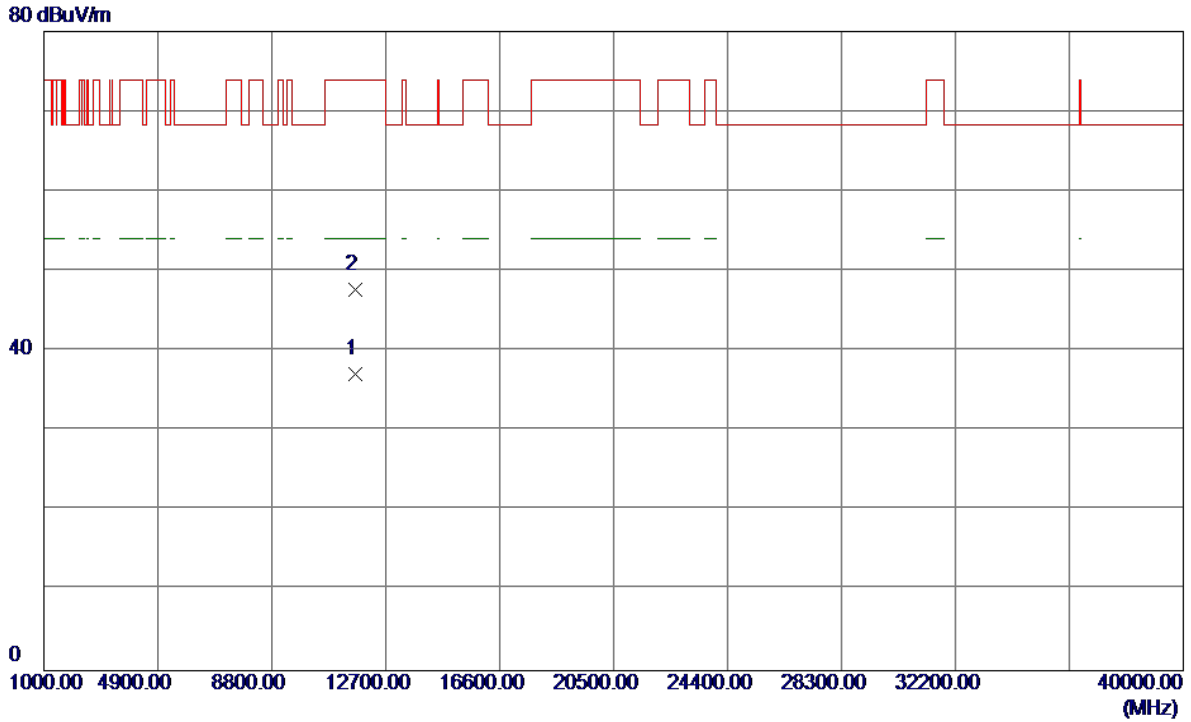
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5826.2000	55.40	43.87	99.27	122.20	-22.93	Peak	
2	5826.4000	47.41	43.87	91.28	122.20	-30.92	AVG	
3	5850.0000	10.44	43.94	54.38	122.20	-67.82	Peak	
4	5850.0000	0.22	43.94	44.16	122.20	-78.04	AVG	
5	5860.0000	9.06	43.97	53.03	109.40	-56.37	Peak	
6	5860.0000	-0.05	43.97	43.92	109.40	-65.48	AVG	

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

**Horizontal**

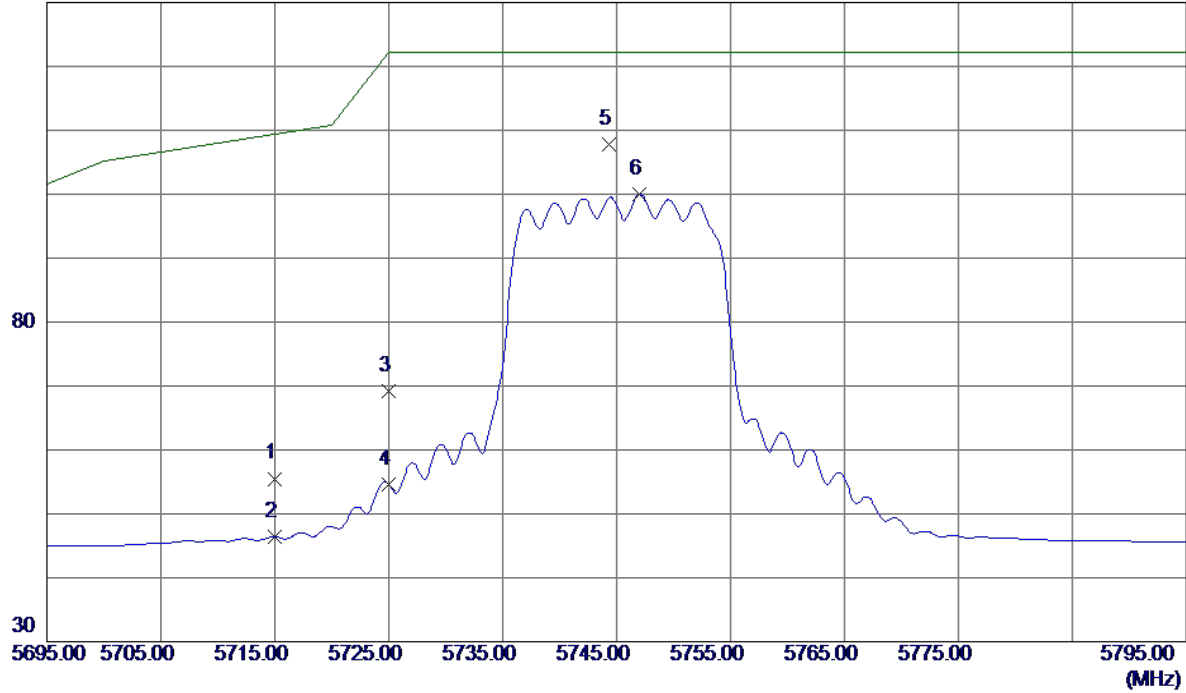


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11648.3000	21.07	16.12	37.19	54.00	-16.81	AVG	
2	11653.7699	31.49	16.13	47.62	74.00	-26.38	Peak	

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

**Vertical**

130 dBuV/m

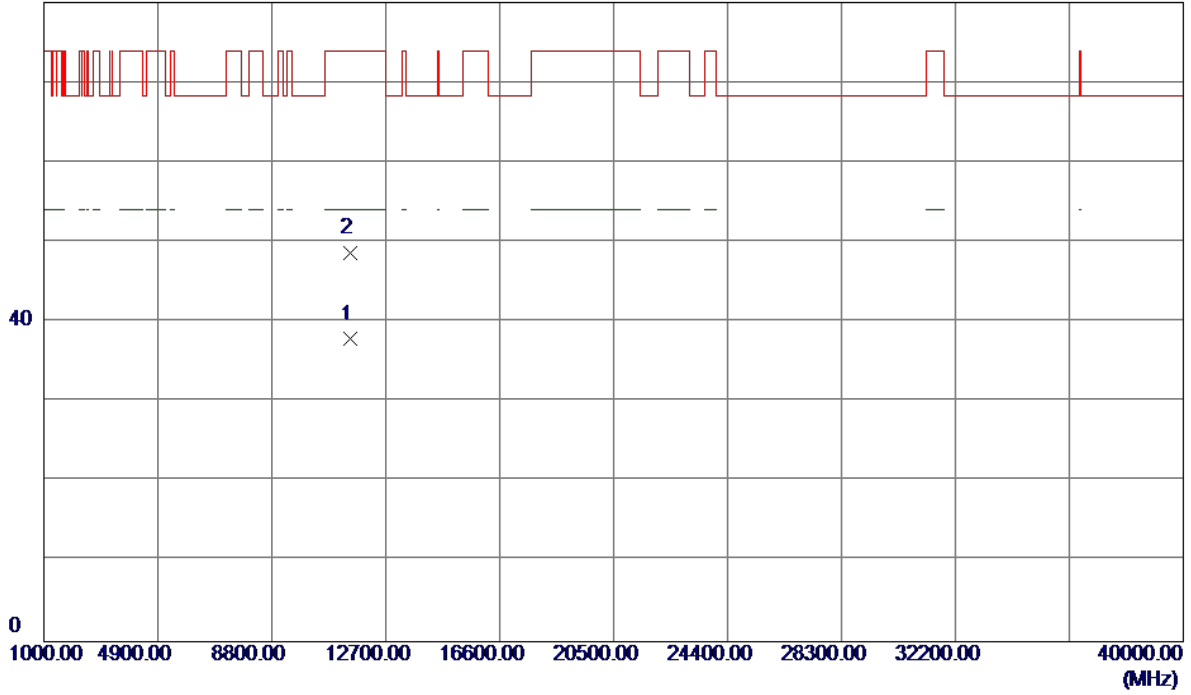


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	11.97	43.53	55.50	109.40	-53.90	Peak	
2	5715.0000	2.86	43.53	46.39	109.40	-63.01	AVG	
3	5725.0000	25.73	43.56	69.29	122.20	-52.91	Peak	
4	5725.0000	11.08	43.56	54.64	122.20	-67.56	AVG	
5 *	5744.3000	64.12	43.62	107.74	122.20	-14.46	Peak	
6	5747.0000	56.28	43.63	99.91	122.20	-22.29	AVG	

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

**Vertical**

80 dBuV/m

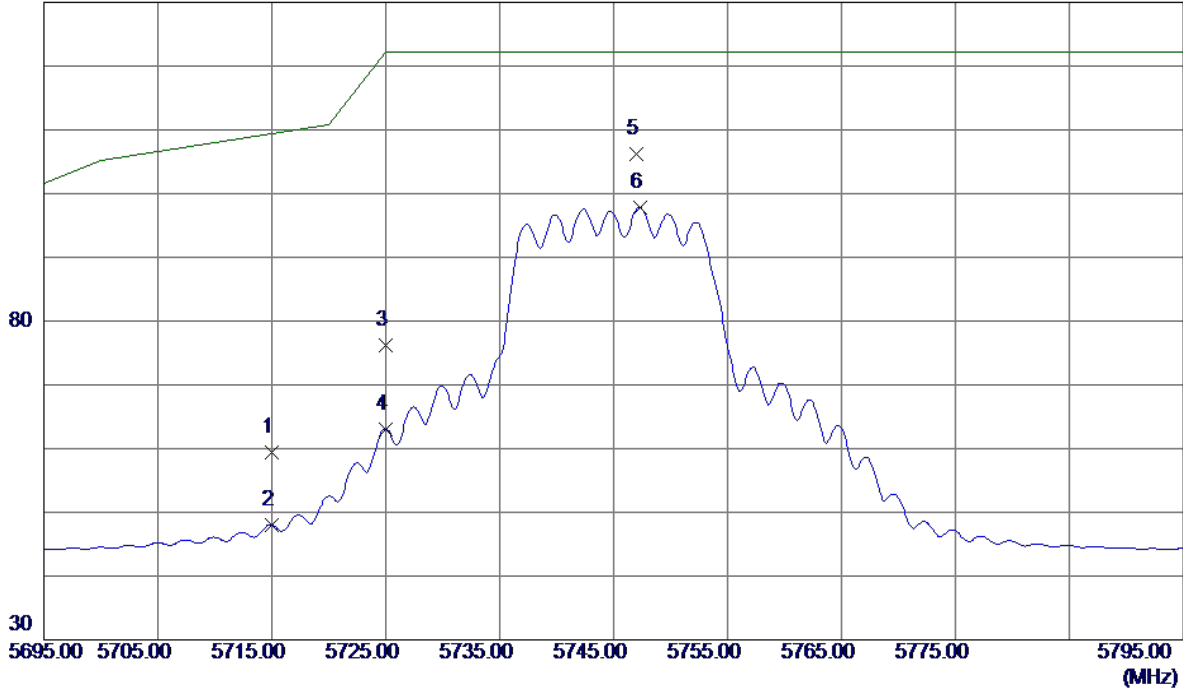


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11490.1400	21.91	15.93	37.84	54.00	-16.16	AVG	
2	11491.4700	32.70	15.93	48.63	74.00	-25.37	Peak	

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

### Horizontal

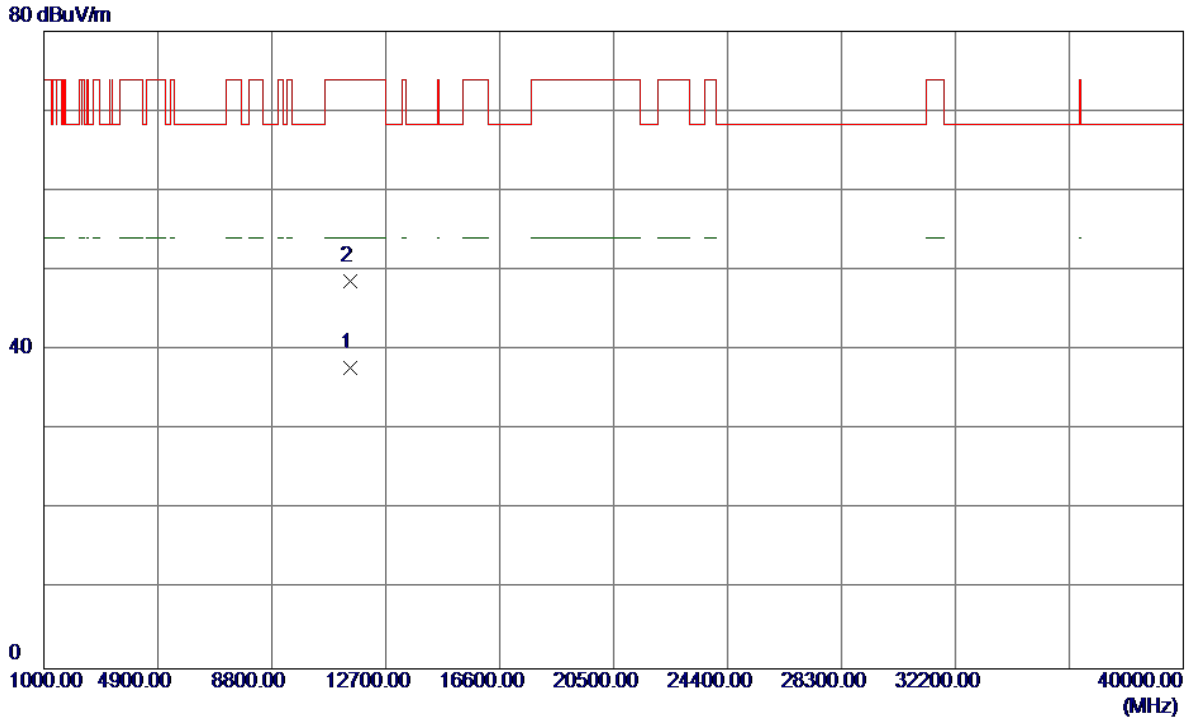
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	15.93	43.53	59.46	109.40	-49.94	Peak	
2	5715.0000	4.49	43.53	48.02	109.40	-61.38	AVG	
3	5725.0000	32.62	43.56	76.18	122.20	-46.02	Peak	
4	5725.0000	19.46	43.56	63.02	122.20	-59.18	AVG	
5 *	5747.0000	62.64	43.63	106.27	122.20	-15.93	Peak	
6	5747.3000	54.26	43.63	97.89	122.20	-24.31	AVG	

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

**Horizontal**

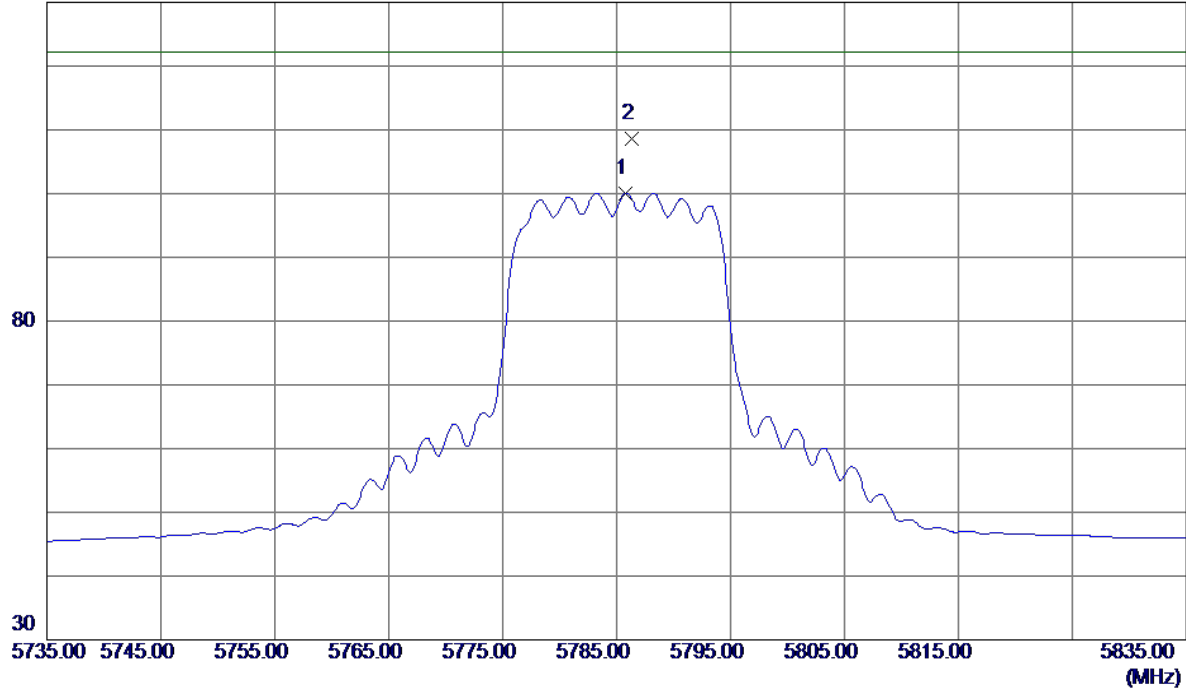


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11489.4300	21.83	15.93	37.76	54.00	-16.24	AVG	
2	11490.2800	32.67	15.93	48.60	74.00	-25.40	Peak	

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

**Vertical**

130 dBuV/m

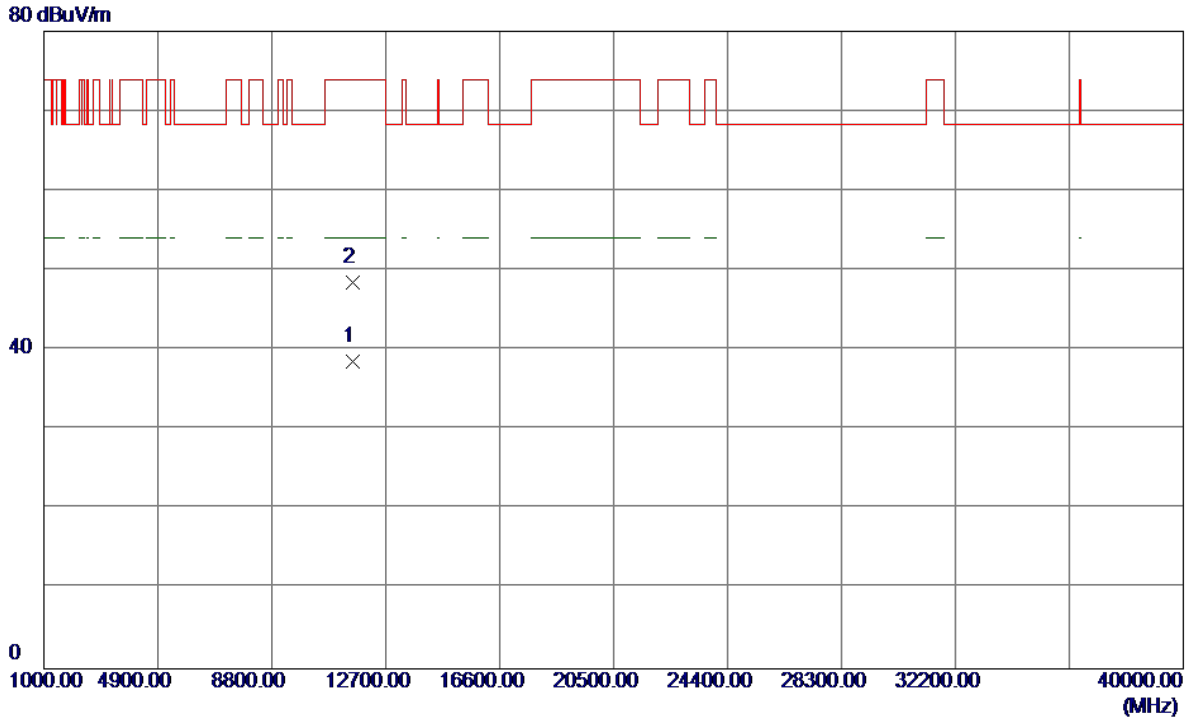


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5785.8000	56.31	43.74	100.05	122.20	-22.15	AVG	
2 *	5786.3000	64.82	43.74	108.56	122.20	-13.64	Peak	



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

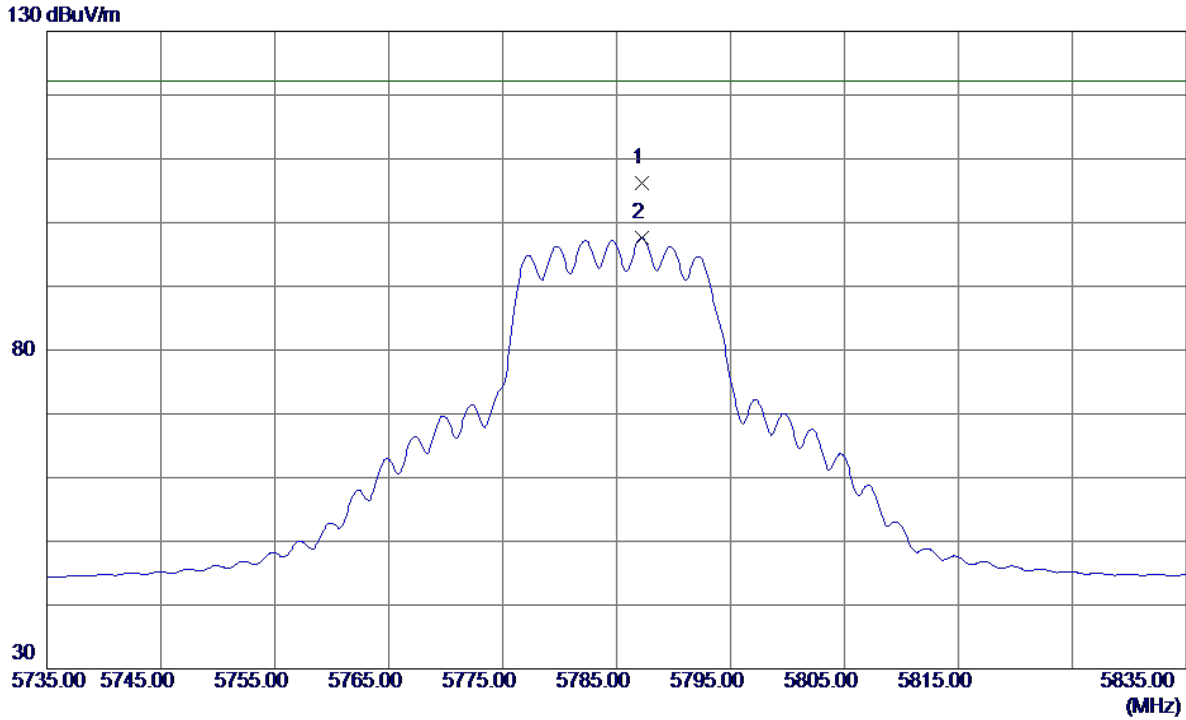
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11570.8000	22.48	16.03	38.51	54.00	-15.49	AVG	
2	11574.4600	32.45	16.04	48.49	74.00	-25.51	Peak	

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

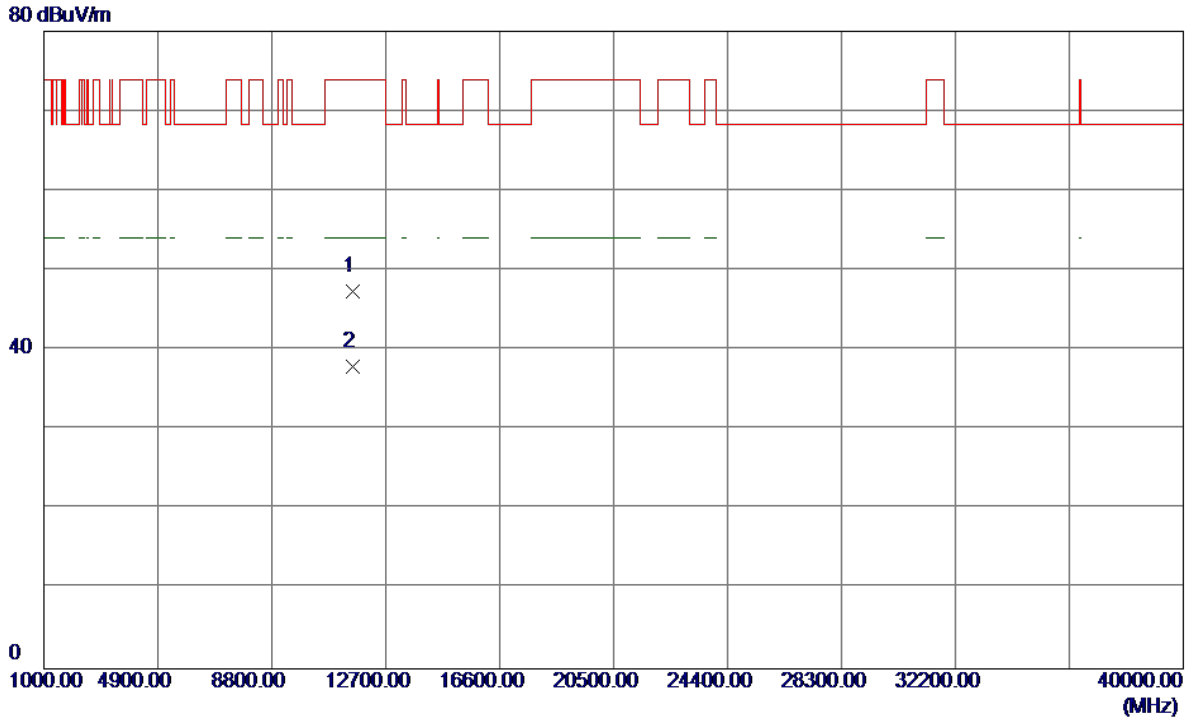
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5787.2000	62.43	43.75	106.18	122.20	-16.02	Peak	
2	5787.2000	53.85	43.75	97.60	122.20	-24.60	AVG	

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

**Horizontal**

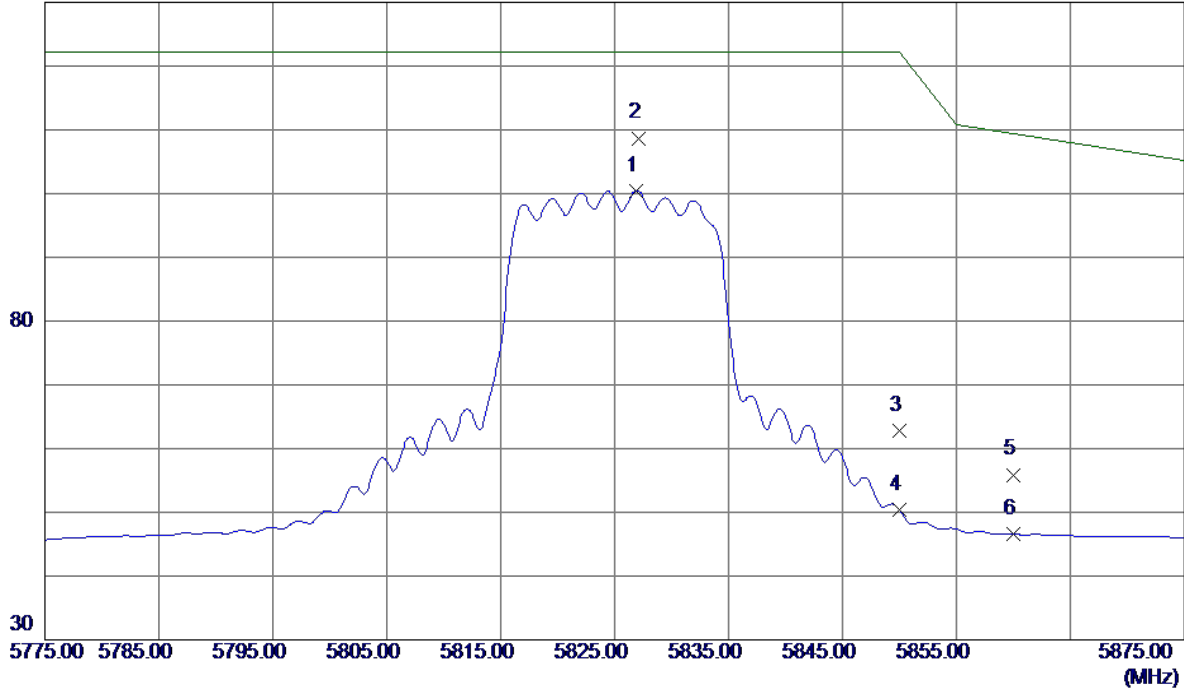


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11566.4200	31.26	16.03	47.29	74.00	-26.71	Peak	
2 *	11570.1100	21.93	16.03	37.96	54.00	-16.04	AVG	

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

**Vertical**

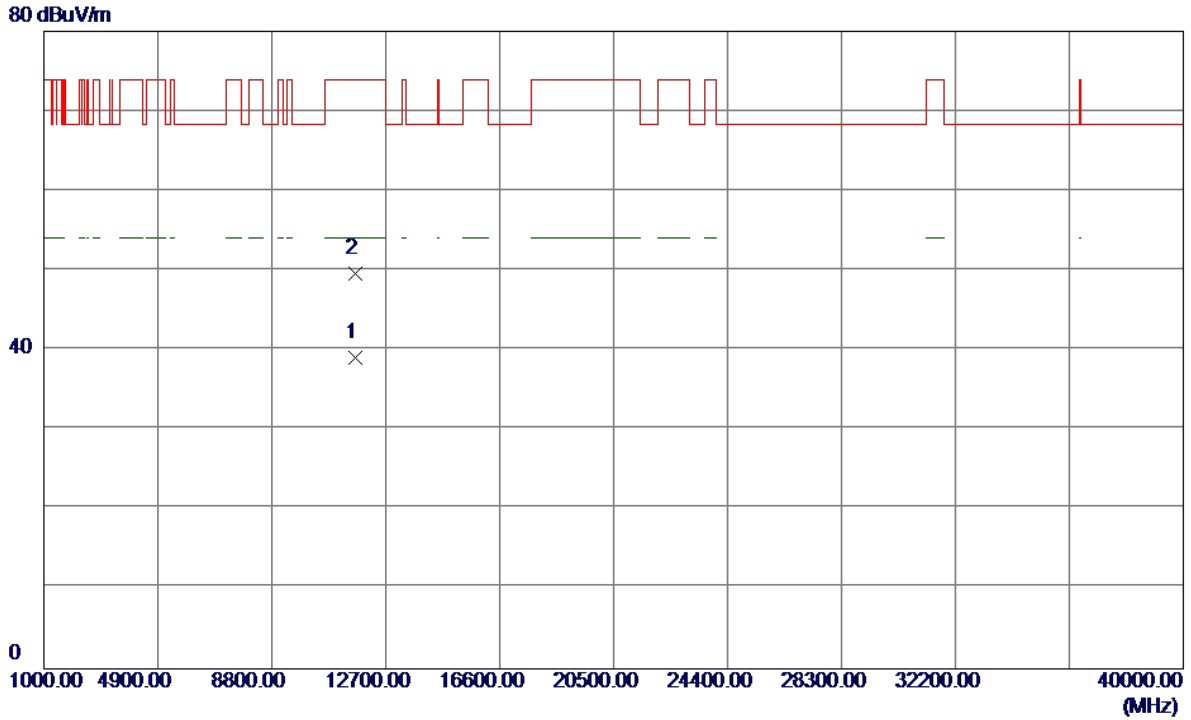
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5826.9000	56.59	43.87	100.46	122.20	-21.74	AVG	
2 *	5827.1000	64.83	43.87	108.70	122.20	-13.50	Peak	
3	5850.0000	18.81	43.94	62.75	122.20	-59.45	Peak	
4	5850.0000	6.45	43.94	50.39	122.20	-71.81	AVG	
5	5860.0000	11.93	43.97	55.90	109.40	-53.50	Peak	
6	5860.0000	2.68	43.97	46.65	109.40	-62.75	AVG	

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

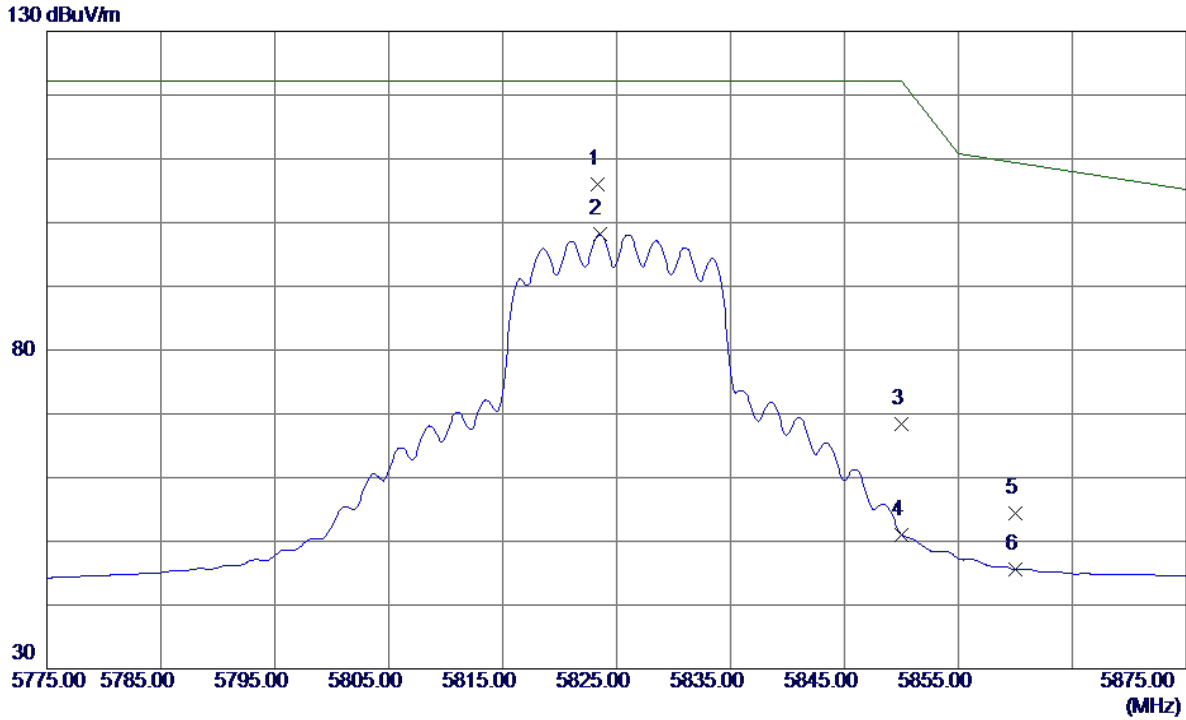
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11651.7500	22.94	16.13	39.07	54.00	-14.93	AVG	
2	11652.2300	33.43	16.13	49.56	74.00	-24.44	Peak	

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

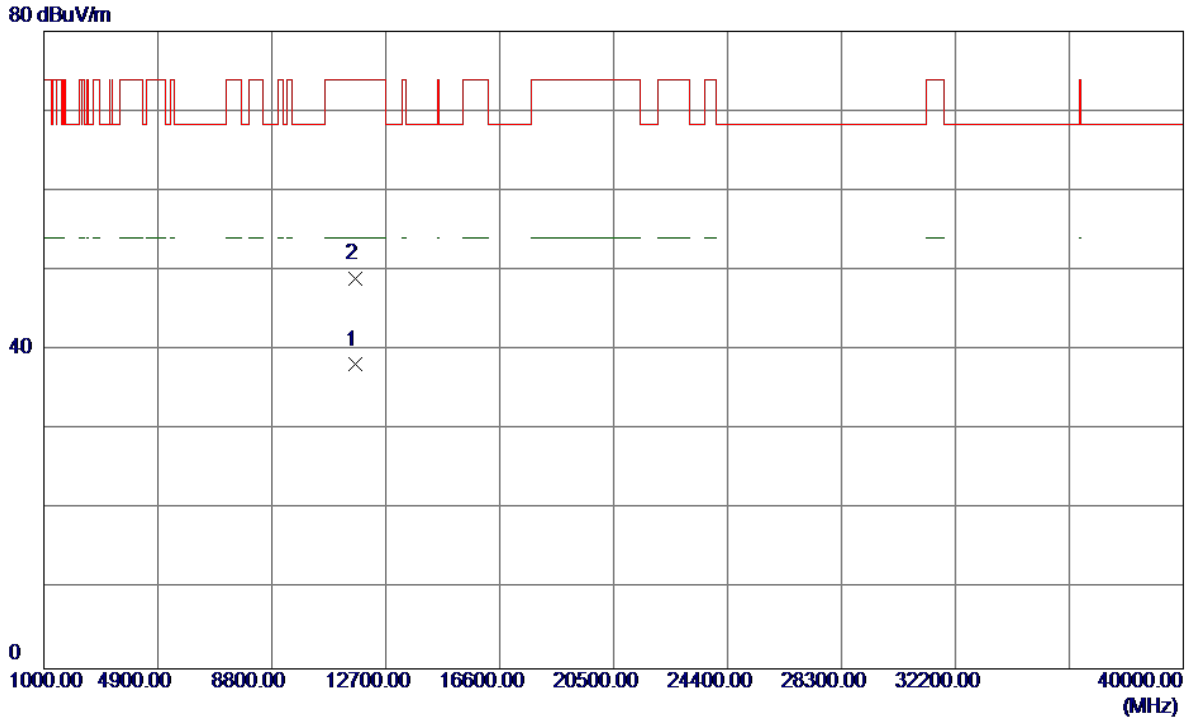
**Horizontal**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5823.3000	62.21	43.86	106.07	122.20	-16.13	Peak	
2	5823.5000	54.26	43.86	98.12	122.20	-24.08	AVG	
3	5850.0000	24.52	43.94	68.46	122.20	-53.74	Peak	
4	5850.0000	7.12	43.94	51.06	122.20	-71.14	AVG	
5	5860.0000	10.48	43.97	54.45	109.40	-54.95	Peak	
6	5860.0000	1.58	43.97	45.55	109.40	-63.85	AVG	

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

**Horizontal**

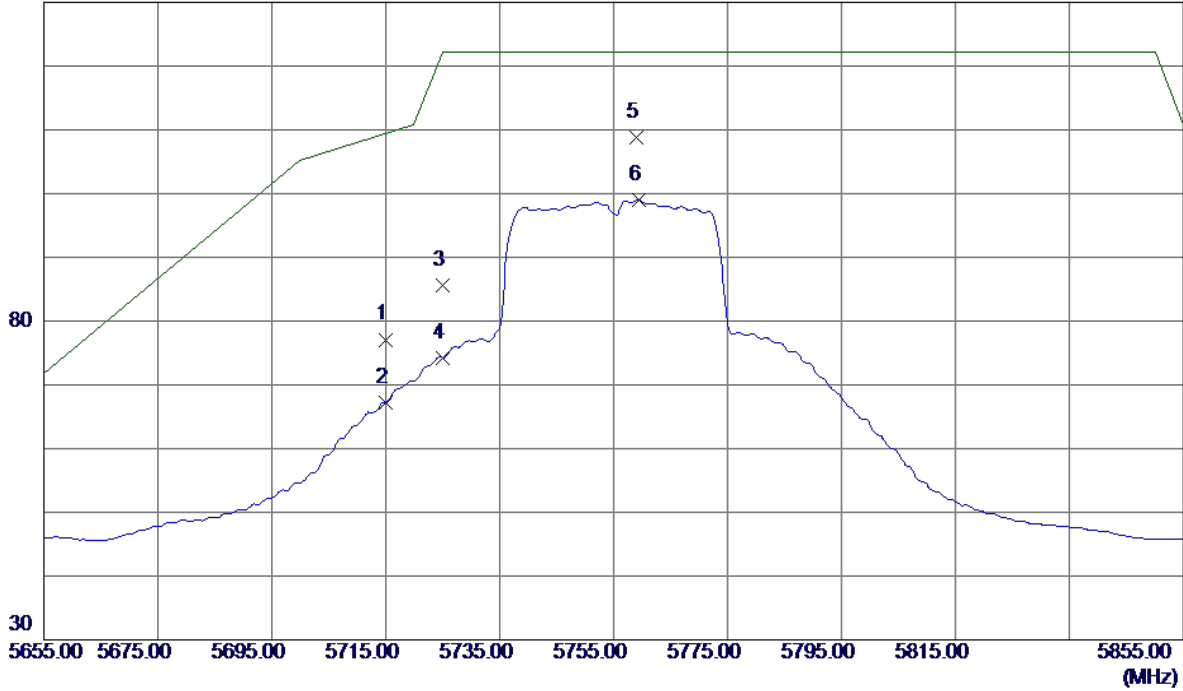


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11648.7500	22.04	16.12	38.16	54.00	-15.84	AVG	
2	11651.5599	32.83	16.13	48.96	74.00	-25.04	Peak	

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

**Vertical**

130 dBuV/m

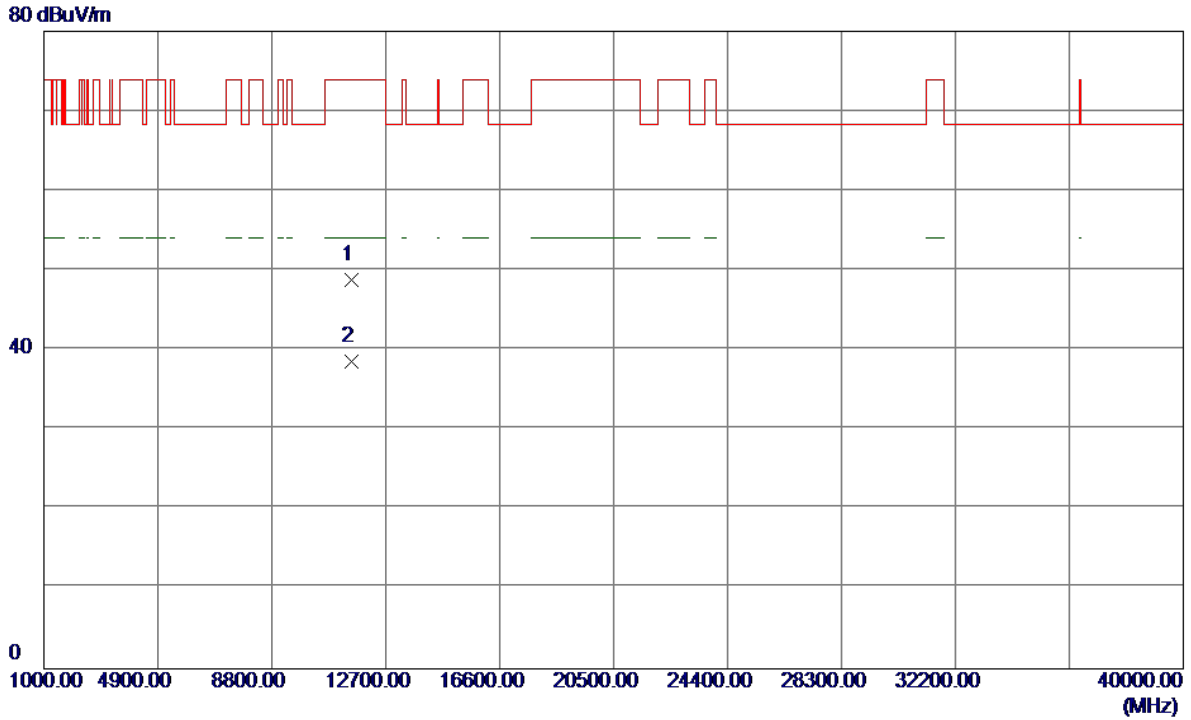


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	33.57	43.53	77.10	109.40	-32.30	Peak	
2	5715.0000	23.66	43.53	67.19	109.40	-42.21	AVG	
3	5725.0000	42.02	43.56	85.58	122.20	-36.62	Peak	
4	5725.0000	30.71	43.56	74.27	122.20	-47.93	AVG	
5 *	5759.0000	65.21	43.66	108.87	122.20	-13.33	Peak	
6	5759.4000	55.32	43.66	98.98	122.20	-23.22	AVG	



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

**Vertical**

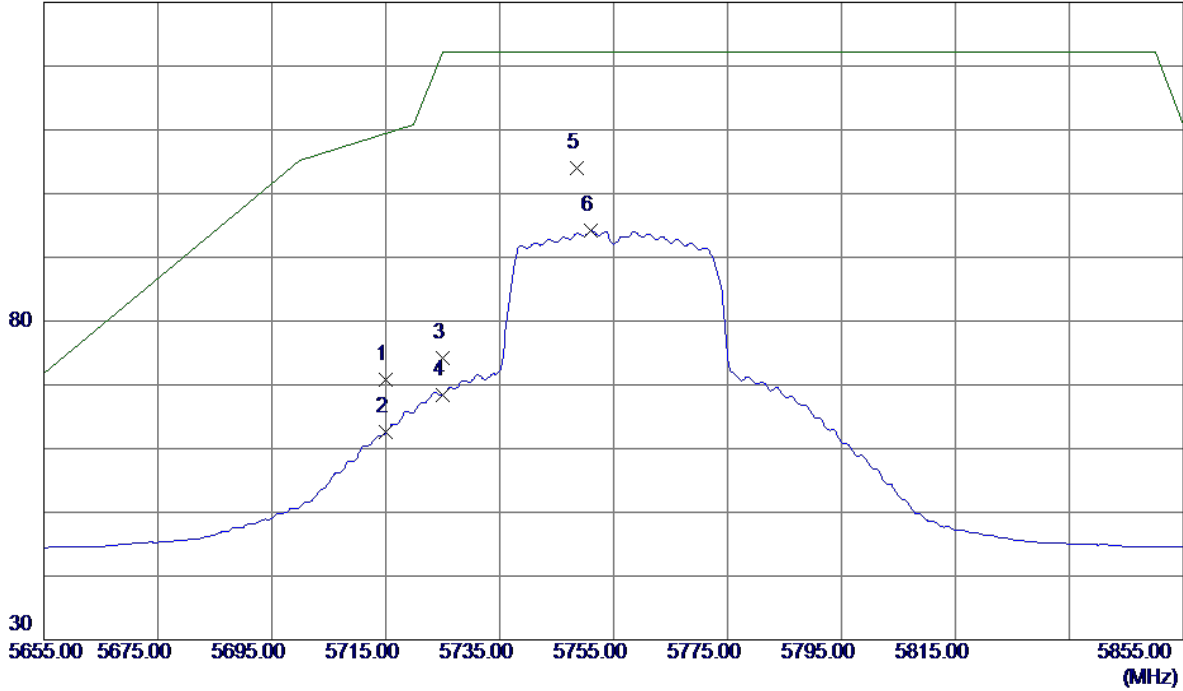


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11508.8099	32.82	15.96	48.78	74.00	-25.22	Peak	
2 *	11510.7000	22.54	15.97	38.51	54.00	-15.49	AVG	

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

**Horizontal**

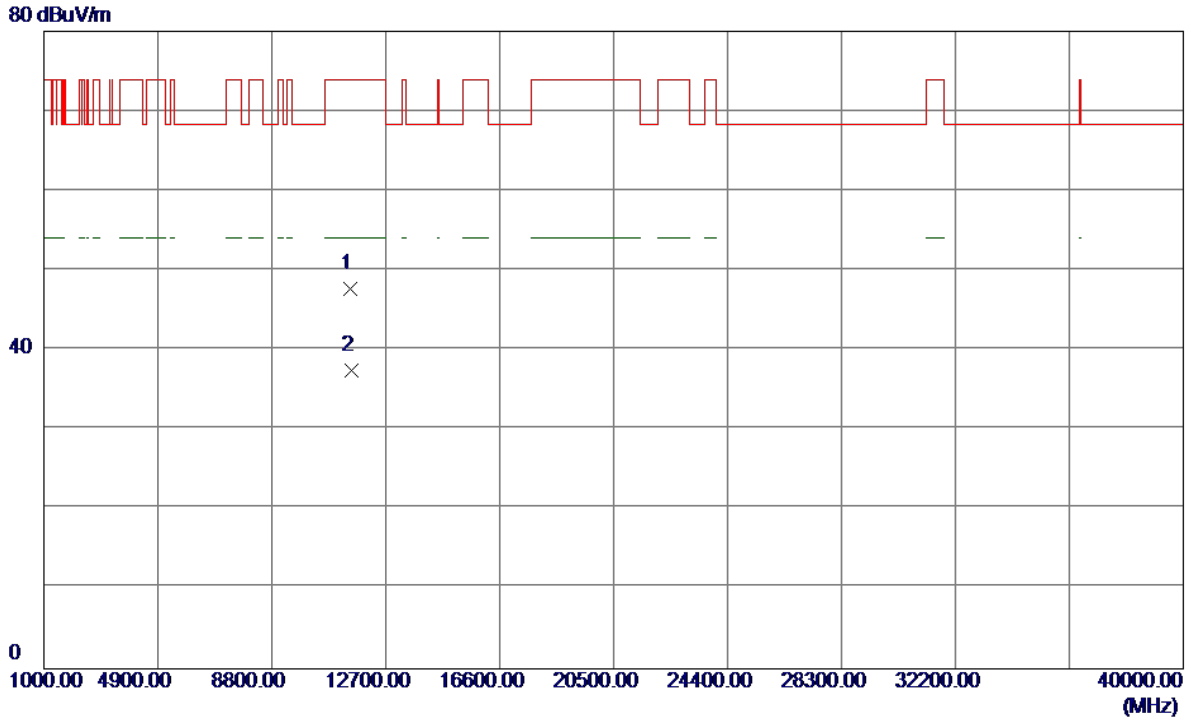
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	27.26	43.53	70.79	109.40	-38.61	Peak	
2	5715.0000	18.99	43.53	62.52	109.40	-46.88	AVG	
3	5725.0000	30.70	43.56	74.26	122.20	-47.94	Peak	
4	5725.0000	24.87	43.56	68.43	122.20	-53.77	AVG	
5 *	5748.6000	60.28	43.63	103.91	122.20	-18.29	Peak	
6	5751.0000	50.51	43.64	94.15	122.20	-28.05	AVG	

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

**Horizontal**

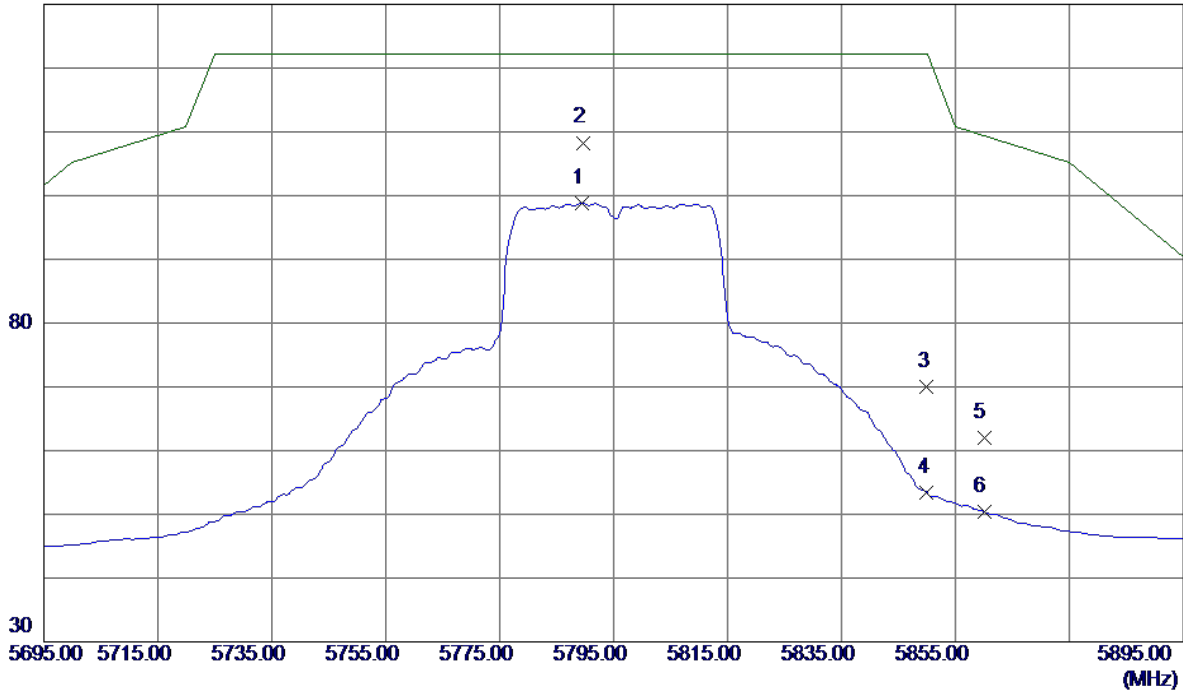


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11506.3900	31.68	15.96	47.64	74.00	-26.36	Peak	
2 *	11510.4000	21.46	15.97	37.43	54.00	-16.57	AVG	

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

**Vertical**

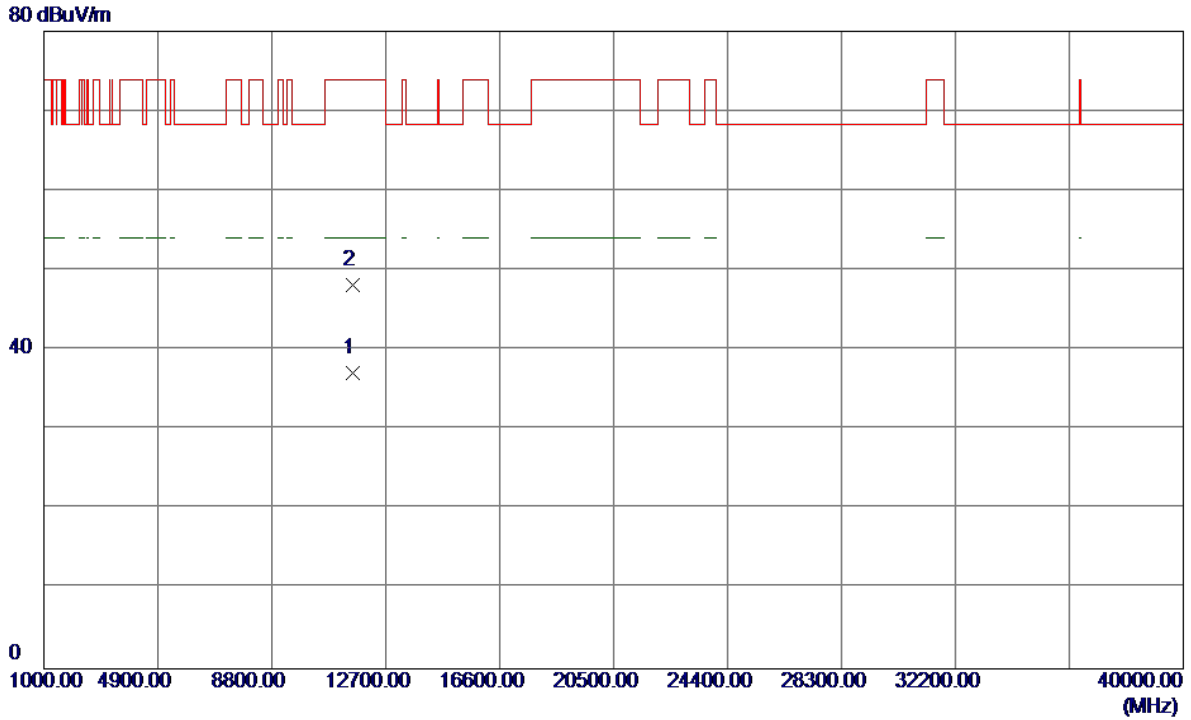
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5789.4000	55.02	43.75	98.77	122.20	-23.43	AVG	
2 *	5789.6000	64.55	43.75	108.30	122.20	-13.90	Peak	
3	5850.0000	26.11	43.94	70.05	122.20	-52.15	Peak	
4	5850.0000	9.45	43.94	53.39	122.20	-68.81	AVG	
5	5860.0000	18.06	43.97	62.03	109.40	-47.37	Peak	
6	5860.0000	6.48	43.97	50.45	109.40	-58.95	AVG	

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

**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11589.6600	21.11	16.06	37.17	54.00	-16.83	AVG	
2	11594.9800	32.06	16.06	48.12	74.00	-25.88	Peak	