

FCC Radio Test Report

FCC ID: QISR250D

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

Project No. : 1609C073
Equipment : Remote Unit
Model Name : R250D
Applicant : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,Bantian, Longgang District, Shenzhen 518129 China

Date of Receipt : Sep. 19, 2016
Date of Test : Sep. 19, 2016 ~ Nov. 07, 2016
Issued Date : Nov. 08, 2016
Tested by : BTL Inc.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1609C073	Original Issue.	Nov. 08, 2016

1. CERTIFICATION

Equipment : Remote Unit
Brand Name : HUAWEI
Model Name : R250D
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen
518129, P.R.China
Factory : CIG Shanghai Co., Ltd., Shanghai Branch.
Address : F/2,3 Building 1, No. 505 Jiangyue Road, Minhang District, Shanghai, P.R.China
Date of Test : Sep. 19, 2016 ~ Nov. 07, 2016
Test Sample : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1609C073) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz~30MHz	V	3.79
		9kHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.60
		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	Remote Unit	
Brand Name	HUAWEI	
Model Name	R250D	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	867Mbps
Power Source	Supplied from PoE.	
Power Rating	DC -48V, 0.35A	
Output Power	Output Power (Max.)for UNII-1 (1TX) Non-Beamforming	802.11a: 18.48dBm 802.11n (20M): 18.40dBm 802.11n (40M): 16.52dBm 802.11ac wave2(20 MHz): 18.45dBm 802.11ac wave2(40 MHz): 16.36dBm 802.11ac wave2(80 MHz): 15.75dBm
	Output Power (Max.)for UNII-3 (1TX) Non-Beamforming	802.11a: 18.04dBm 802.11n (20M): 17.96dBm 802.11n (40M): 16.19dBm 802.11ac wave2(20 MHz): 17.99dBm 802.11ac wave2(40 MHz): 16.06dBm 802.11ac wave2(80 MHz): 14.73dBm
	Output Power (Max.)for UNII-1 (2TX) Non-Beamforming	802.11a: 21.28dBm 802.11n (20M): 21.32dBm 802.11n (40M): 19.78dBm 802.11ac wave2(20 MHz): 21.24dBm 802.11ac wave2(40 MHz): 19.38dBm 802.11ac wave2(80 MHz): 17.01dBm
	Output Power (Max.)for UNII-3 (2TX) Non-Beamforming	802.11a: 21.04dBm 802.11n (20M): 21.36dBm 802.11n (40M): 19.76dBm 802.11ac wave2(20 MHz): 21.06dBm 802.11ac wave2(40 MHz): 19.13dBm 802.11ac wave2(80 MHz): 17.94dBm
	Output Power (Max.)for UNII-1 (2TX) Beamforming	802.11n (20M): 21.06dBm 802.11n (40M): 19.20dBm 802.11ac wave2(20 MHz): 21.09dBm 802.11ac wave2(40 MHz): 19.17dBm 802.11ac wave2(80 MHz): 17.23dBm
	Output Power (Max.)for UNII-3 (2TX) Beamforming	802.11n (20M): 20.83dBm 802.11n (40M): 19.19dBm 802.11ac wave2(20 MHz): 20.99dBm 802.11ac wave2(40 MHz): 19.12dBm 802.11ac wave2(80 MHz): 17.91dBm

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

3. Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	泓林微电子(昆山)有限公司	N/A	Internal	U.FL	6.3
2	HUAWEI	N/A	Internal	N/A	6.3

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}** , that is Directional gain=6.3.
 The UNII-1 out power limit is $30-6.30+6=29.70$, UNII-3 out power limit is $30-6.30+6=29.70$
 the UNII-1 power density limit is $17-6.30+6=16.70$,
 UNII-3 power density limit is $30-6.30+6=29.70$

(2) **For 2TX with beamforming:**

The EUT with beamforming function, then, Direction gain = $G_{ANT}+10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.

For 2TX with beamforming: Directional gain= $6.3+10\log(2/2)=6.3+0=6.3$ dBi.

The UNII-1 out power limit is $30-6.30+6=29.70$, UNII-3 out power limit is $30-6.30+6=29.70$
 the UNII-1 power density limit is $17-6.30+6=16.70$,
 UNII-3 power density limit is $30-6.30+6=29.70$

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)
802.11ac80MHz)	V (Ant 1+Ant 2)

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)
Mode 13	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 13	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 / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)

Note:

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1 - 1TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5180	5200	5240
802.11a	17	17	17
Frequency (MHz)	5180	5200	5240
802.11n (20MHz)	17	17	17
Frequency (MHz)	5190	5230	
802.11n (40MHz)	15	15	

UNII-3 - 1TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5745	5785	5825
802.11a	17	17	17
Frequency (MHz)	5745	5785	5825
802.11n (20MHz)	17	17	17
Frequency (MHz)	5755	5795	
802.11n (40MHz)	15	15	

UNII-1 - 1TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5180	5200	5240
802.11n ac(20MHz)	17	17	17
Frequency (MHz)	5190	5230	
802.11n ac(40MHz)	15	15	
Frequency (MHz)	5210		
802.11n ac(80MHz)	14		

UNII-3 - 1TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5745	5785	5825
802.11n ac(20MHz)	17	17	17
Frequency (MHz)	5755	5795	
802.11n ac(40MHz)	15	15	
Frequency (MHz)	5775		
802.11n ac(80MHz)	14		

UNII-1 - 2TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5180	5200	5240
802.11a	17	17	17
Frequency (MHz)	5180	5200	5240
802.11n (20MHz)	17	17	17
Frequency (MHz)	5190	5230	
802.11n (40MHz)	15	15	

UNII-3 - 2TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5745	5785	5825
802.11a	17	17	17
Frequency (MHz)	5745	5785	5825
802.11n (20MHz)	17	17	17
Frequency (MHz)	5755	5795	
802.11n (40MHz)	15	15	

UNII-1 - 2TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5180	5200	5240
802.11n ac(20MHz)	17	17	17
Frequency (MHz)	5190	5230	
802.11n ac(40MHz)	15	15	
Frequency (MHz)	5210		
802.11n ac(80MHz)	14		

UNII-3 - 2TX Non-Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5745	5785	5825
802.11n ac(20MHz)	17	17	17
Frequency (MHz)	5755	5795	
802.11n ac(40MHz)	15	15	
Frequency (MHz)	5775		
802.11n ac(80MHz)	14		

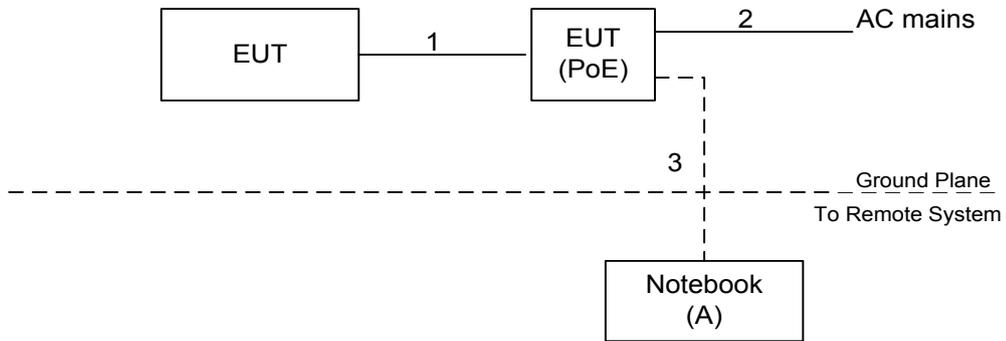
UNII-1 - 2TX Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5180	5200	5240
802.11n (20MHz)	17	17	17
Frequency (MHz)	5190	5230	
802.11n (40MHz)	15	15	

UNII-3 - 2TX Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5745	5785	5825
802.11n (20MHz)	17	17	17
Frequency (MHz)	5755	5795	
802.11n (40MHz)	15	15	

UNII-1 - 2TX Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5180	5200	5240
802.11n ac(20MHz)	17	17	17
Frequency (MHz)	5190	5230	
802.11n ac(40MHz)	15	15	
Frequency (MHz)	5210		
802.11n ac(80MHz)	14		

UNII-3 - 2TX Beamforming			
Test Software Version	QSPR		
Frequency (MHz)	5745	5785	5825
802.11n ac(20MHz)	17	17	17
Frequency (MHz)	5755	5795	
802.11n ac(40MHz)	15	15	
Frequency (MHz)	5775		
802.11n ac(80MHz)	14		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

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

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	10M	RJ45 Cable
2	NO	NO	2M	DC Cable
3	NO	NO	1M	RJ45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

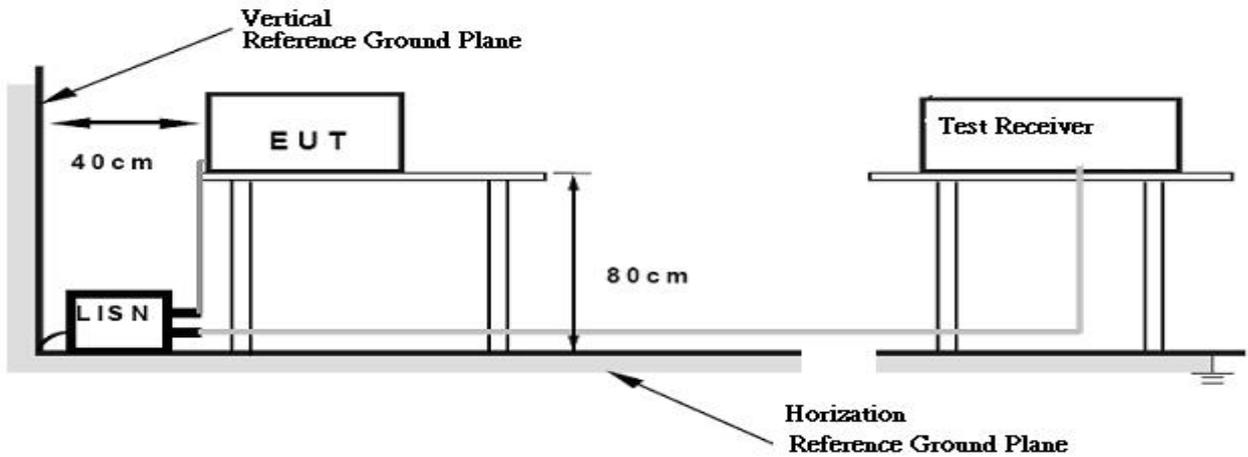
4.1.2 TEST PROCEDURE

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

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

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: $E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m}$, 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

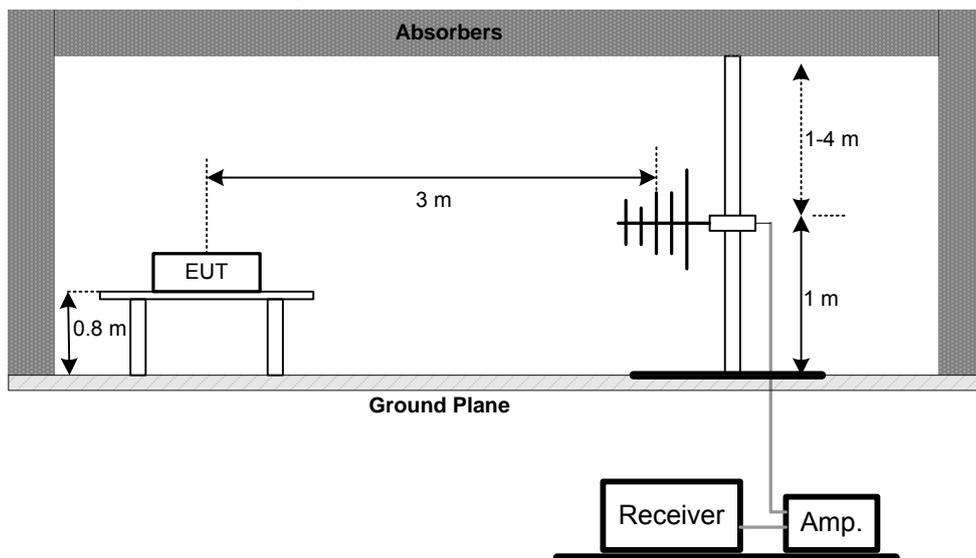
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

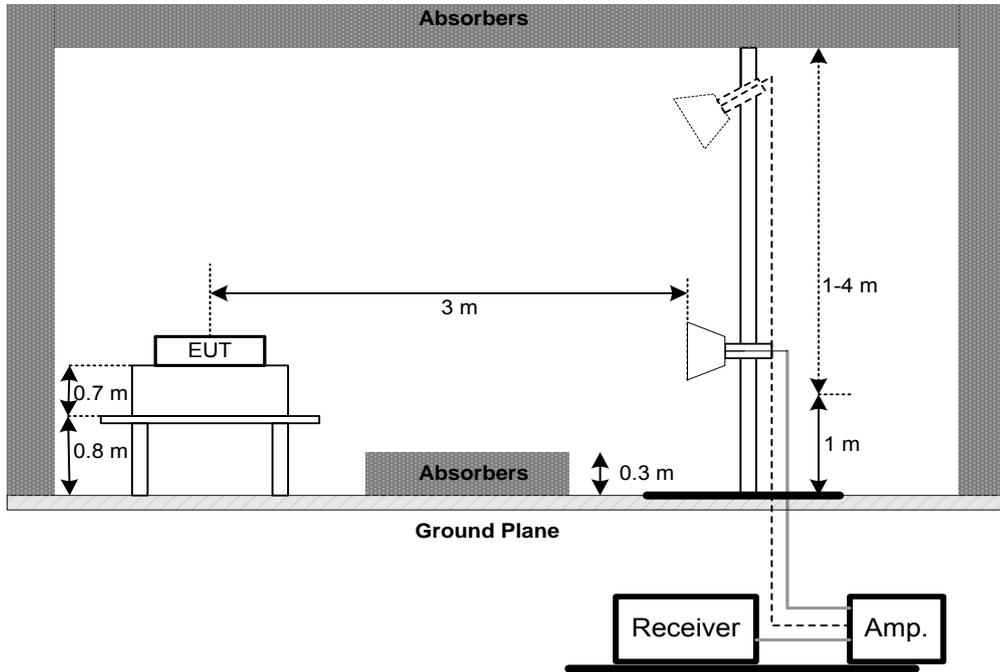
No deviation

4.2.4 TEST SETUP

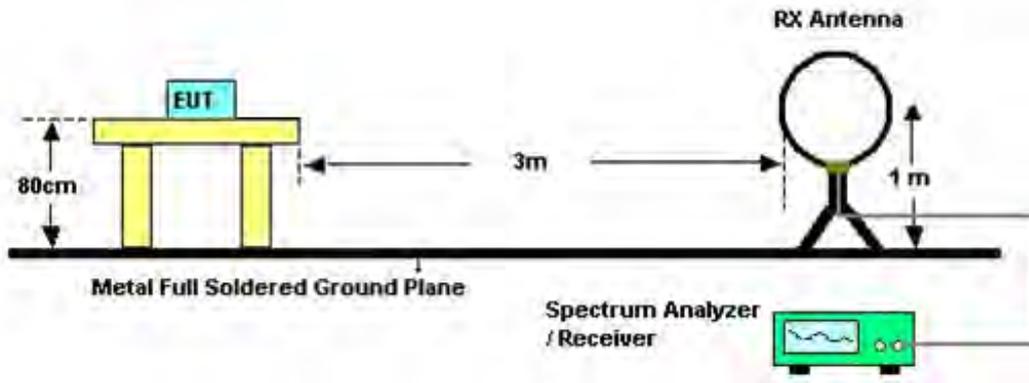
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(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 Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. 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
	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 v01r03, 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 Attachment H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
FSpecified in the user's manual Specified in the user's manual frequency Stability	Specified in the user's manual	5150-5250	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

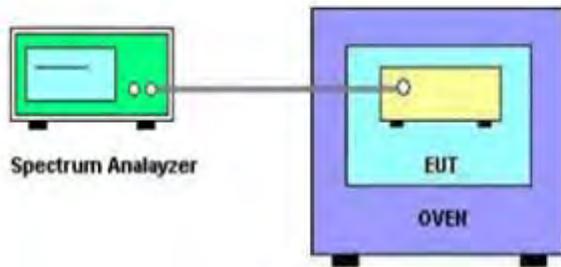
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -10°C~50°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 Attachment I.

8.1.7. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 27, 2017
8	Amplifier	Agilent	8449B	3008A02274	Mar. 10, 2017
9	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
10	Test Cable	emci	EMC104-SM-S M-10000(1GHz-26.5GHz)	C-68	Jun. 26, 2017
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Pre-amplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 06, 2017
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Sep. 04, 2017
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Sep. 04, 2017

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

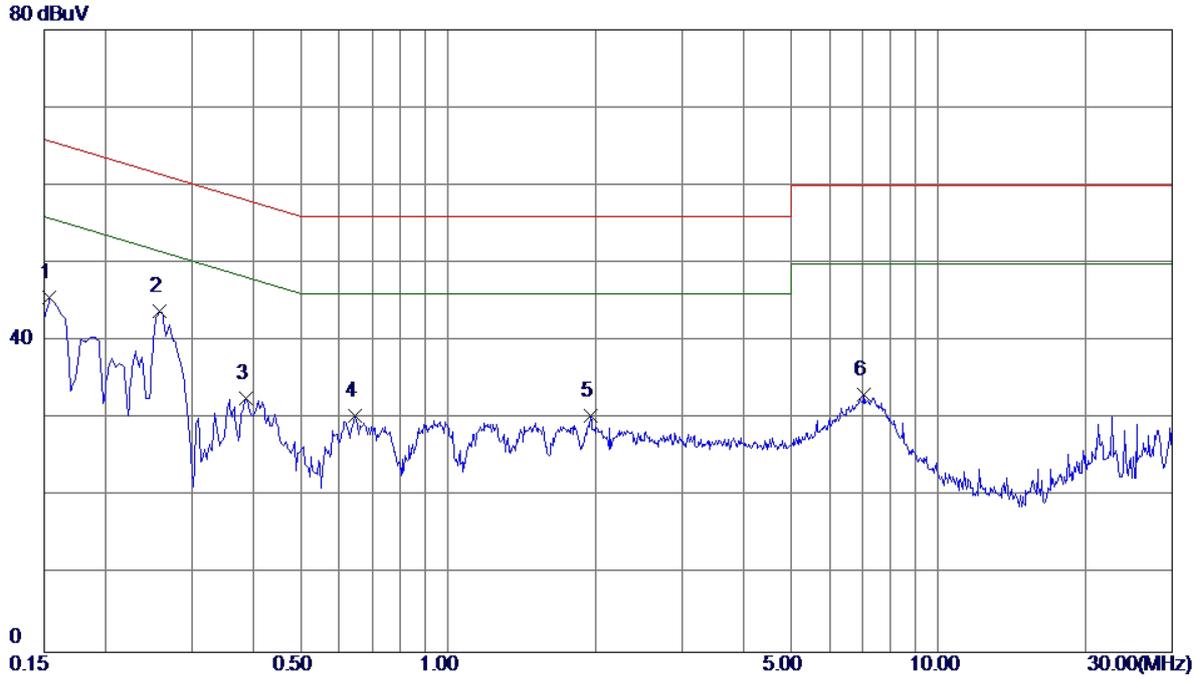
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE

Line

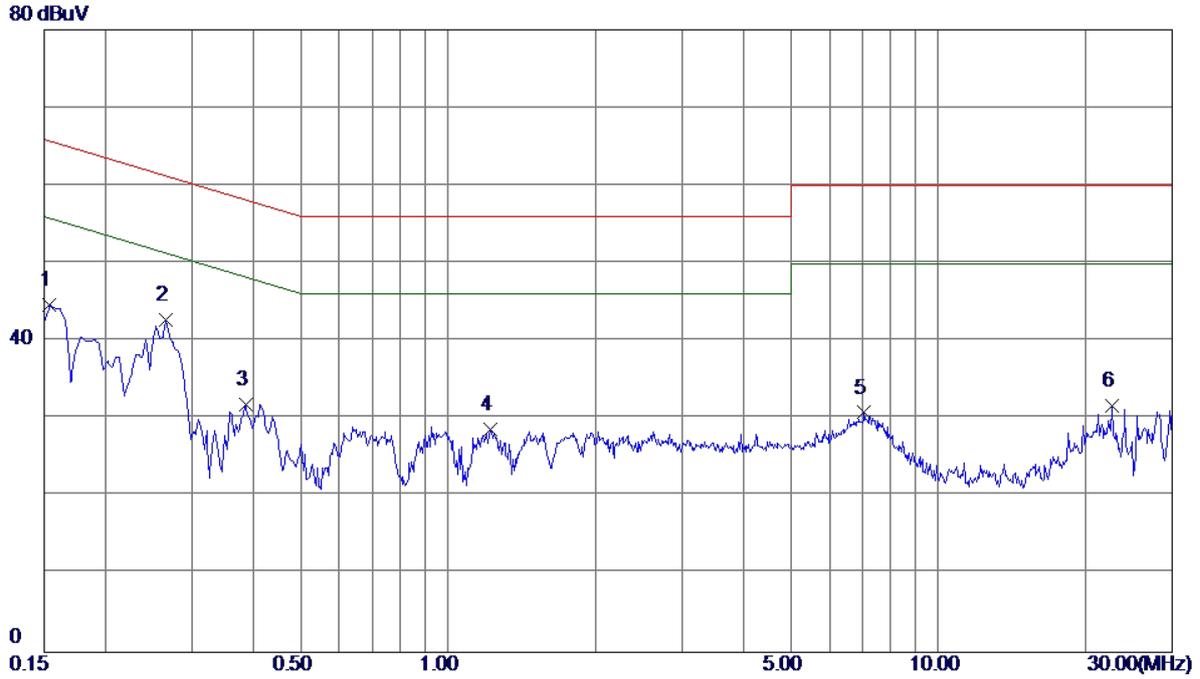


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1539	36.01	9.52	45.53	65.79	-20.26	Peak	
2 *	0.2580	34.31	9.53	43.84	61.50	-17.66	Peak	
3	0.3860	23.05	9.54	32.59	58.15	-25.56	Peak	
4	0.6460	20.74	9.64	30.38	56.00	-25.62	Peak	
5	1.9540	20.47	9.89	30.36	56.00	-25.64	Peak	
6	7.0660	22.96	10.15	33.11	60.00	-26.89	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



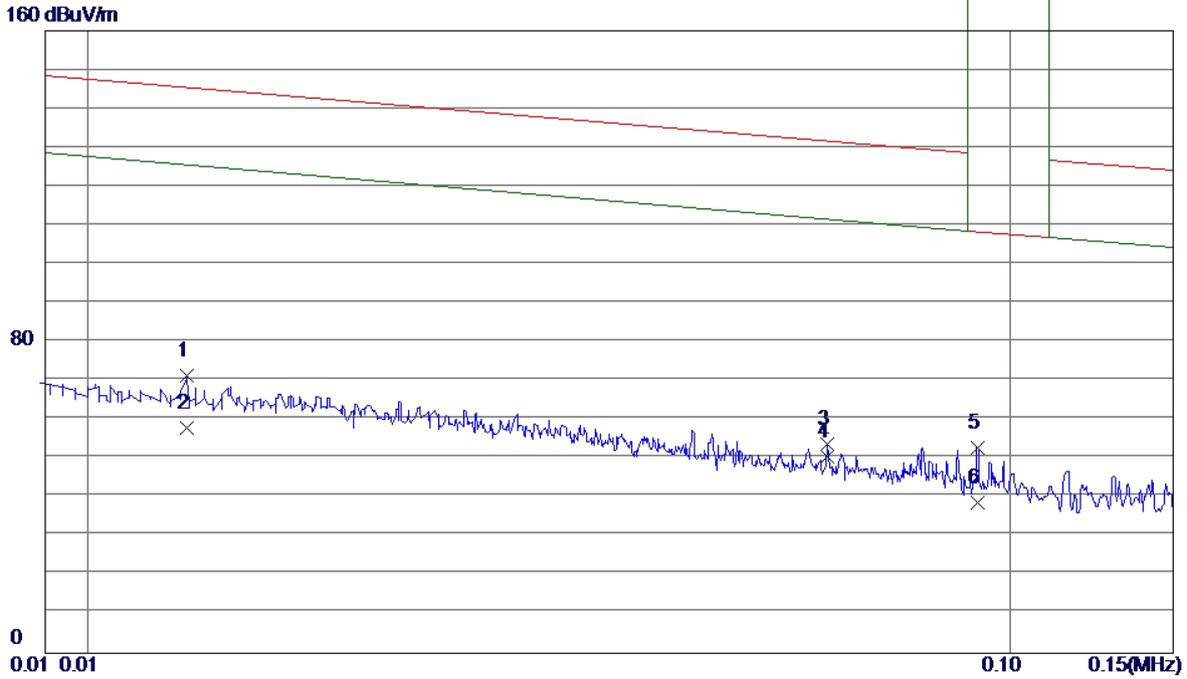
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1539	35.18	9.50	44.68	65.79	-21.11	Peak	
2 *	0.2660	33.20	9.53	42.73	61.24	-18.51	Peak	
3	0.3860	22.38	9.46	31.84	58.15	-26.31	Peak	
4	1.2180	19.04	9.67	28.71	56.00	-27.29	Peak	
5	7.0660	20.84	9.96	30.80	60.00	-29.20	Peak	
6	22.6100	21.18	10.52	31.70	60.00	-28.30	Peak	

Note : The test result has included the cable loss.

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

Test Mode: TX MODE

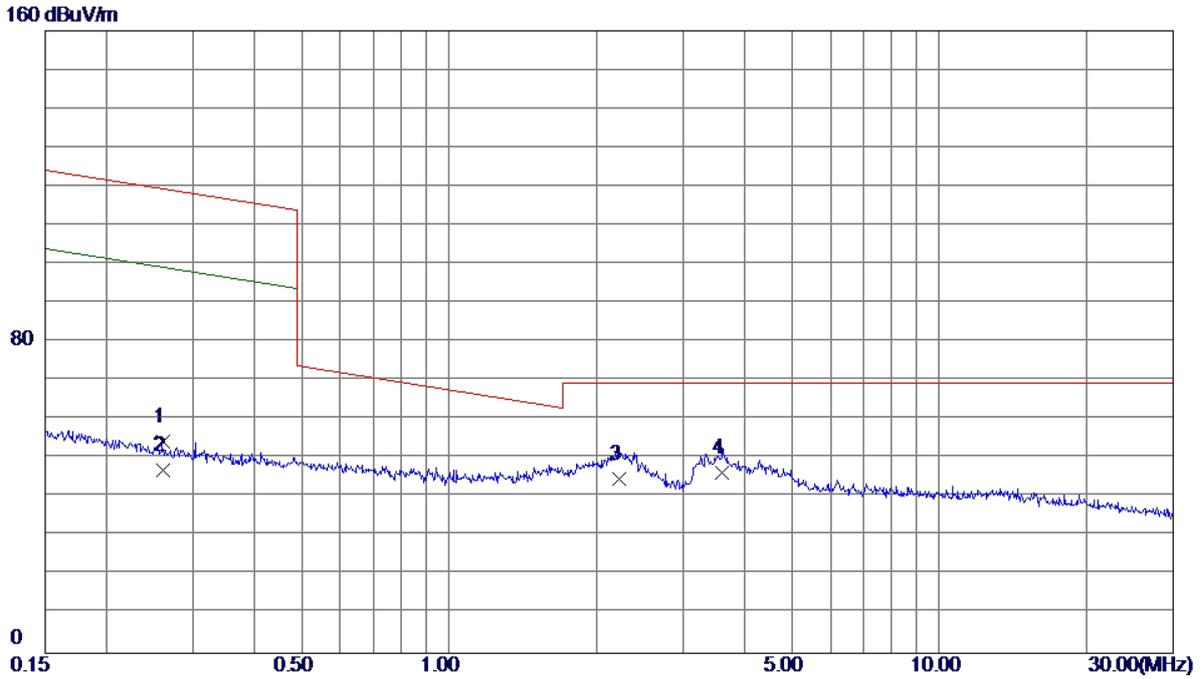
Ant 0°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0128	47.28	23.95	71.23	147.56	-76.33	Peak	
2	0.0128	34.10	23.95	58.05	127.56	-69.51	AVG	
3	0.0632	34.11	19.67	53.78	135.11	-81.33	Peak	
4	0.0632	30.90	19.67	50.57	115.11	-64.54	AVG	
5 *	0.0920	33.87	18.78	52.65	108.34	-55.69	Peak	
6	0.0920	19.91	18.78	38.69	999.00	-960.31	AVG	

Test Mode: TX MODE

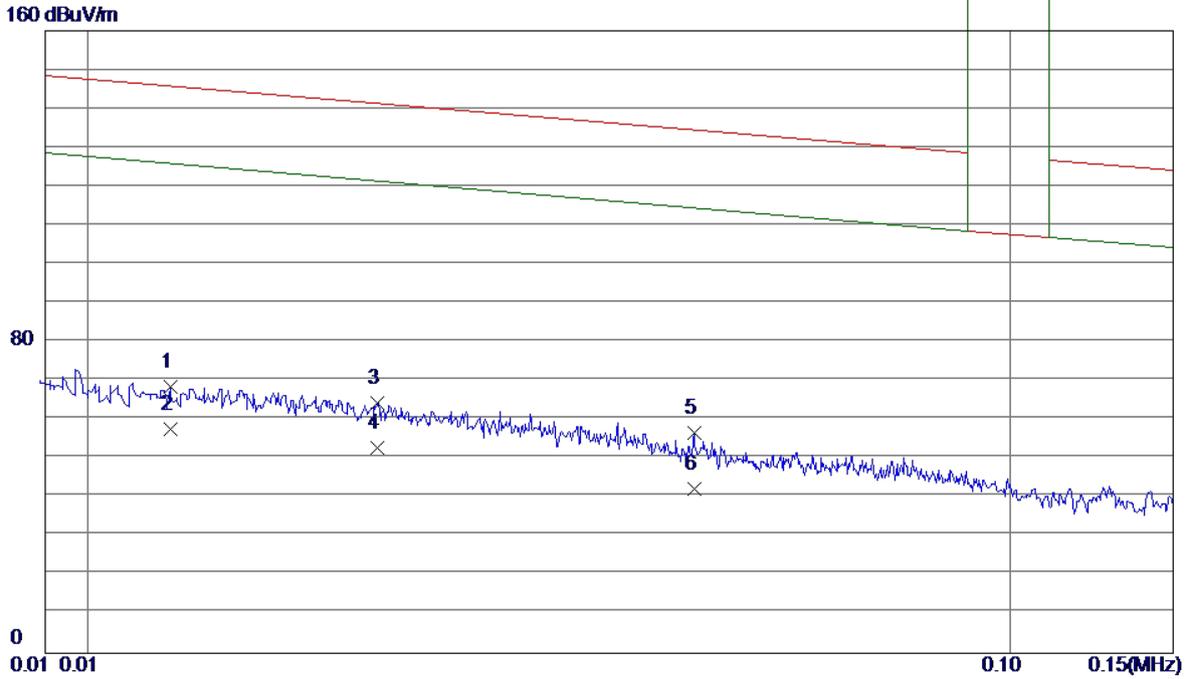
Ant 0°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.2603	35.79	18.64	54.43	121.64	-67.21	Peak	
2	0.2603	28.30	18.64	46.94	101.64	-54.70	AVG	
3	2.2250	27.30	17.62	44.92	69.54	-24.62	QP	
4 *	3.6034	28.61	17.91	46.52	69.54	-23.02	QP	

Test Mode: TX MODE

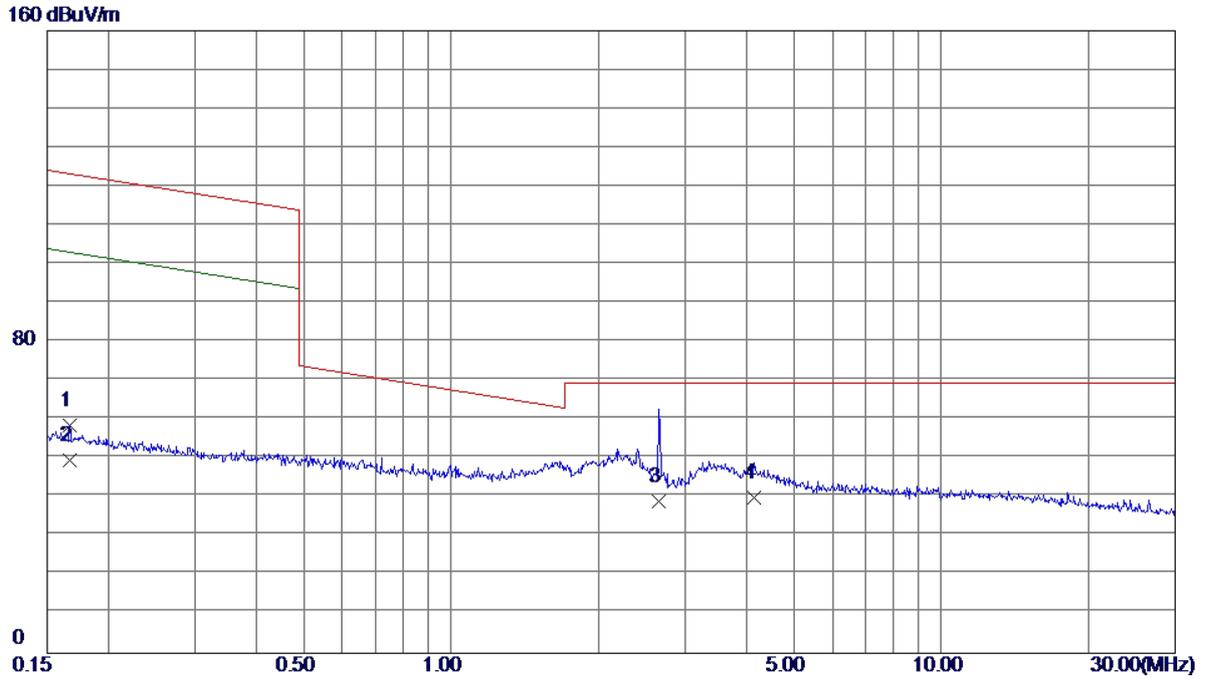
Ant 90°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0123	44.47	23.98	68.45	147.68	-79.23	Peak	
2 *	0.0123	33.50	23.98	57.48	127.68	-70.20	AVG	
3	0.0206	40.93	23.45	64.38	145.63	-81.25	Peak	
4	0.0206	29.50	23.45	52.95	125.63	-72.68	AVG	
5	0.0454	36.20	20.39	56.59	139.51	-82.92	Peak	
6	0.0454	22.00	20.39	42.39	119.51	-77.12	AVG	

Test Mode: TX MODE

Ant 90°

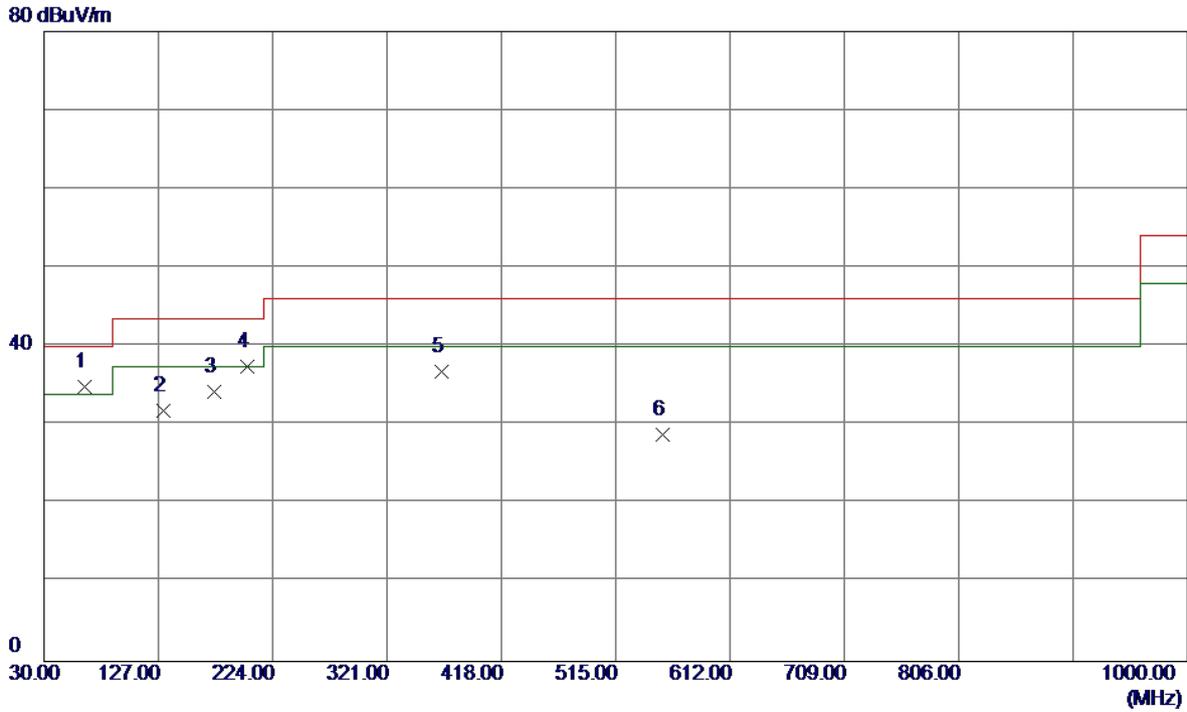


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.1667	39.71	18.72	58.43	124.84	-66.41	Peak	
2	0.1667	31.00	18.72	49.72	104.84	-55.12	AVG	
3	2.6500	22.10	17.08	39.18	69.54	-30.36	QP	
4 *	4.1574	21.50	18.43	39.93	69.54	-29.61	QP	

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

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

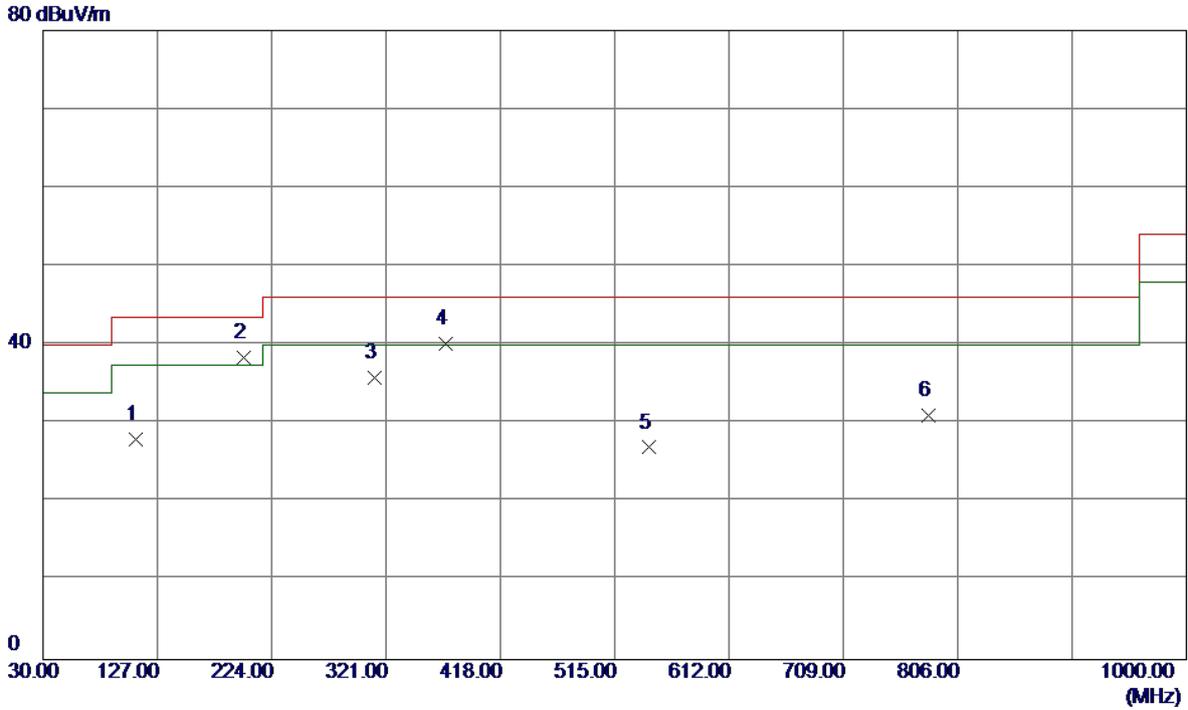
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	64.4350	49.90	-15.01	34.89	40.00	-5.11	QP	
2	130.8800	44.27	-12.48	31.79	43.50	-11.71	Peak	
3	174.0450	46.66	-12.48	34.18	43.50	-9.32	Peak	
4	202.1750	51.94	-14.48	37.46	43.50	-6.04	Peak	
5	367.5600	46.80	-10.01	36.79	46.00	-9.21	Peak	
6	554.7700	33.54	-4.78	28.76	46.00	-17.24	Peak	

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

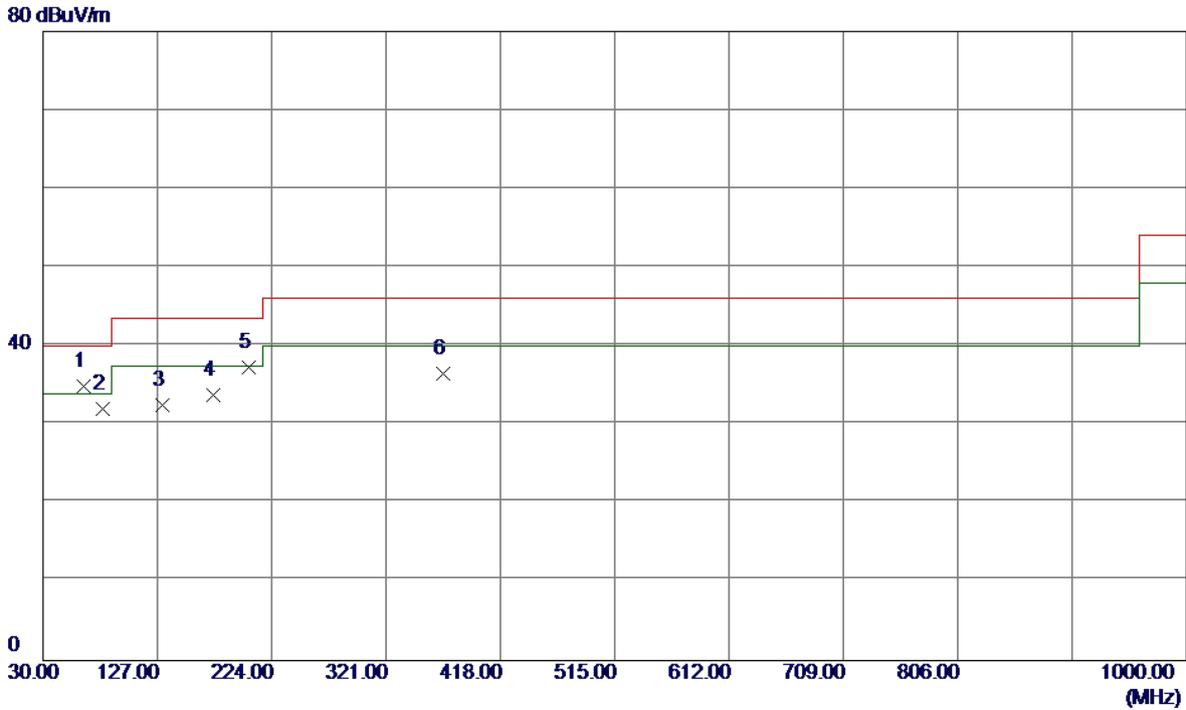
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	109.0550	42.79	-14.73	28.06	43.50	-15.44	Peak	
2 *	200.7200	52.83	-14.45	38.38	43.50	-5.12	Peak	
3	310.8150	46.31	-10.39	35.92	46.00	-10.08	Peak	
4	371.4400	49.90	-9.74	40.16	46.00	-5.84	Peak	
5	544.5850	32.06	-5.10	26.96	46.00	-19.04	Peak	
6	781.2650	31.57	-0.58	30.99	46.00	-15.01	Peak	

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

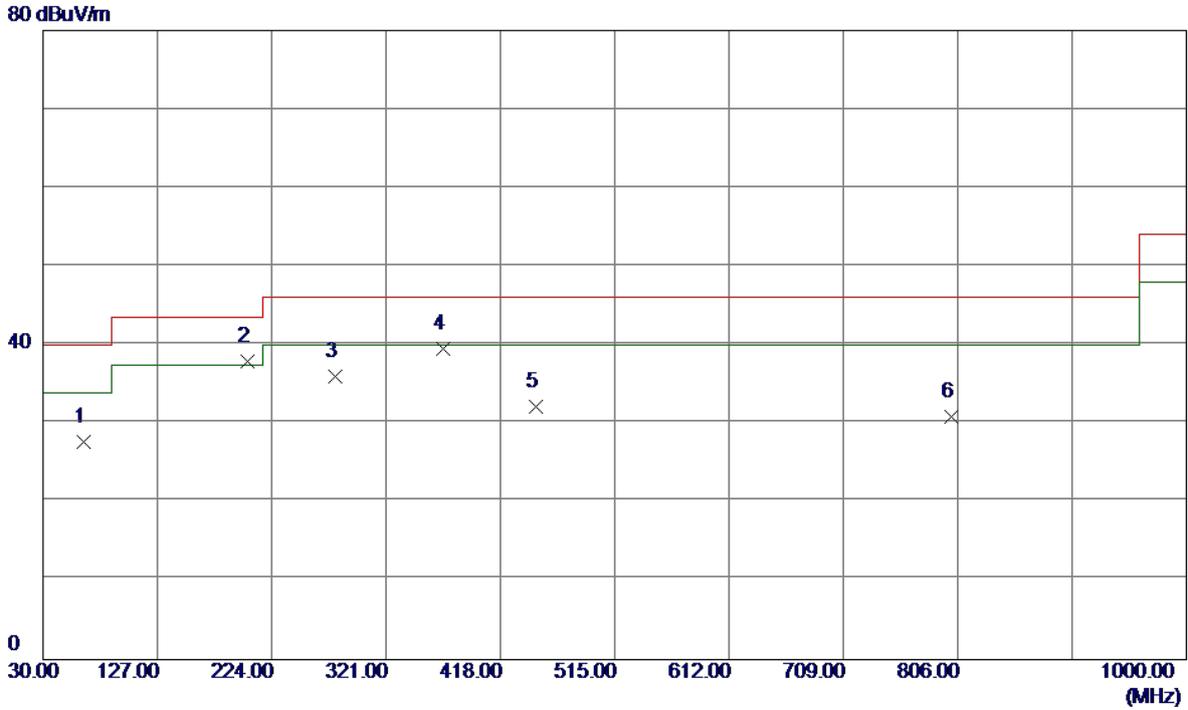
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	64.4350	49.82	-15.01	34.81	40.00	-5.19	QP	
2	80.4400	48.19	-16.16	32.03	40.00	-7.97	Peak	
3	131.3650	45.01	-12.54	32.47	43.50	-11.03	Peak	
4	174.0450	46.29	-12.48	33.81	43.50	-9.69	Peak	
5	205.0850	51.82	-14.54	37.28	43.50	-6.22	Peak	
6	369.0150	46.46	-9.91	36.55	46.00	-9.45	Peak	

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

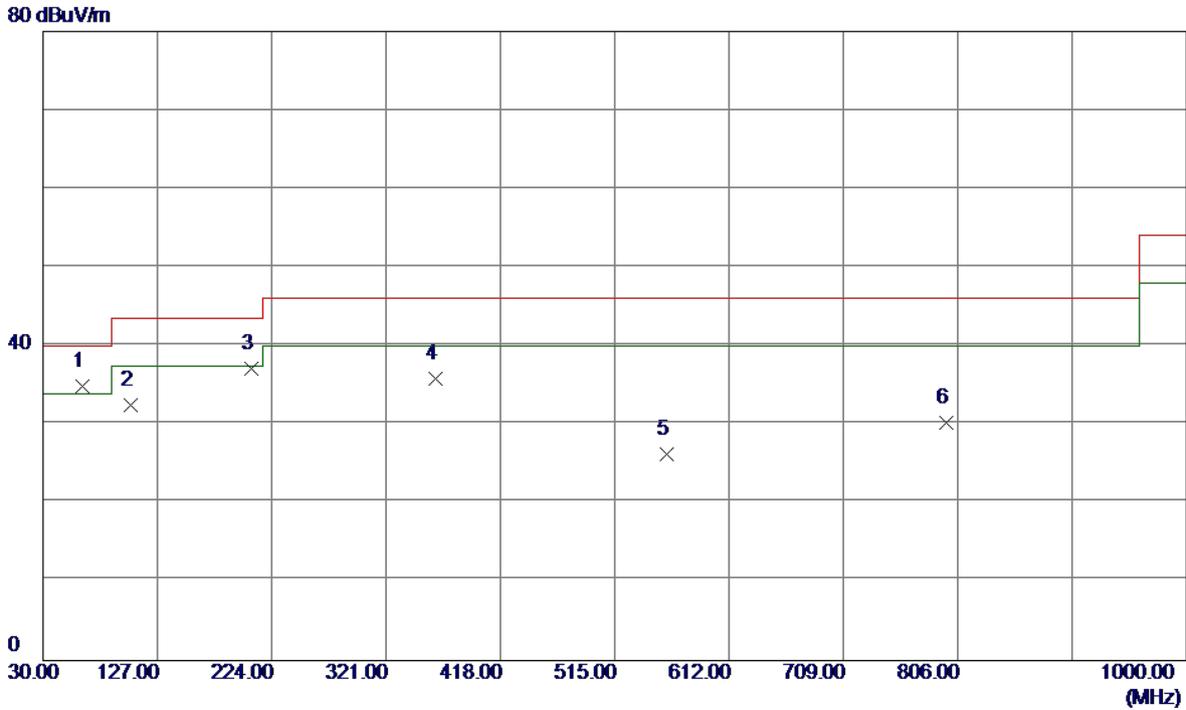
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	64.9200	42.87	-15.15	27.72	40.00	-12.28	Peak	
2 *	203.6300	52.49	-14.51	37.98	43.50	-5.52	Peak	
3	278.3200	48.28	-12.27	36.01	46.00	-9.99	Peak	
4	369.0150	49.48	-9.91	39.57	46.00	-6.43	Peak	
5	448.5550	40.15	-7.99	32.16	46.00	-13.84	Peak	
6	800.1800	30.56	0.25	30.81	46.00	-15.19	Peak	

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

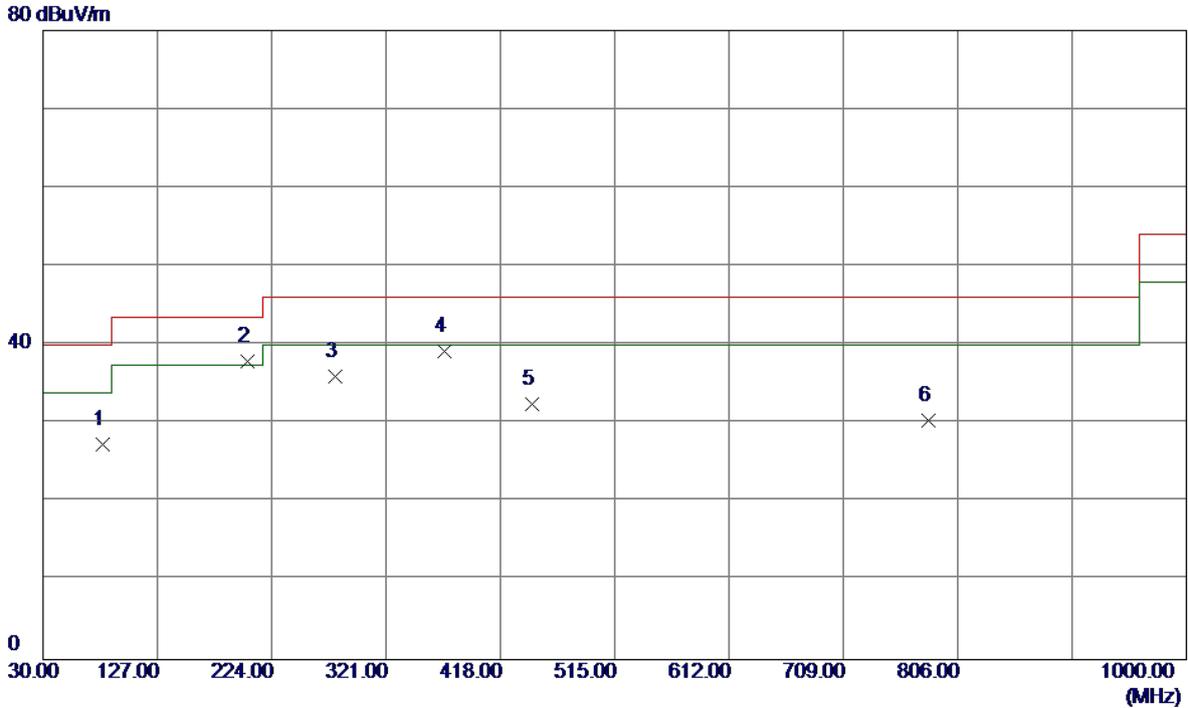
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.4650	49.65	-14.73	34.92	40.00	-5.08	QP	
2	104.6900	47.54	-15.08	32.46	43.50	-11.04	Peak	
3	206.5399	51.65	-14.57	37.08	43.50	-6.42	Peak	
4	363.1950	46.21	-10.31	35.90	46.00	-10.10	Peak	
5	559.6200	31.32	-5.02	26.30	46.00	-19.70	Peak	
6	795.8150	30.16	0.07	30.23	46.00	-15.77	Peak	

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

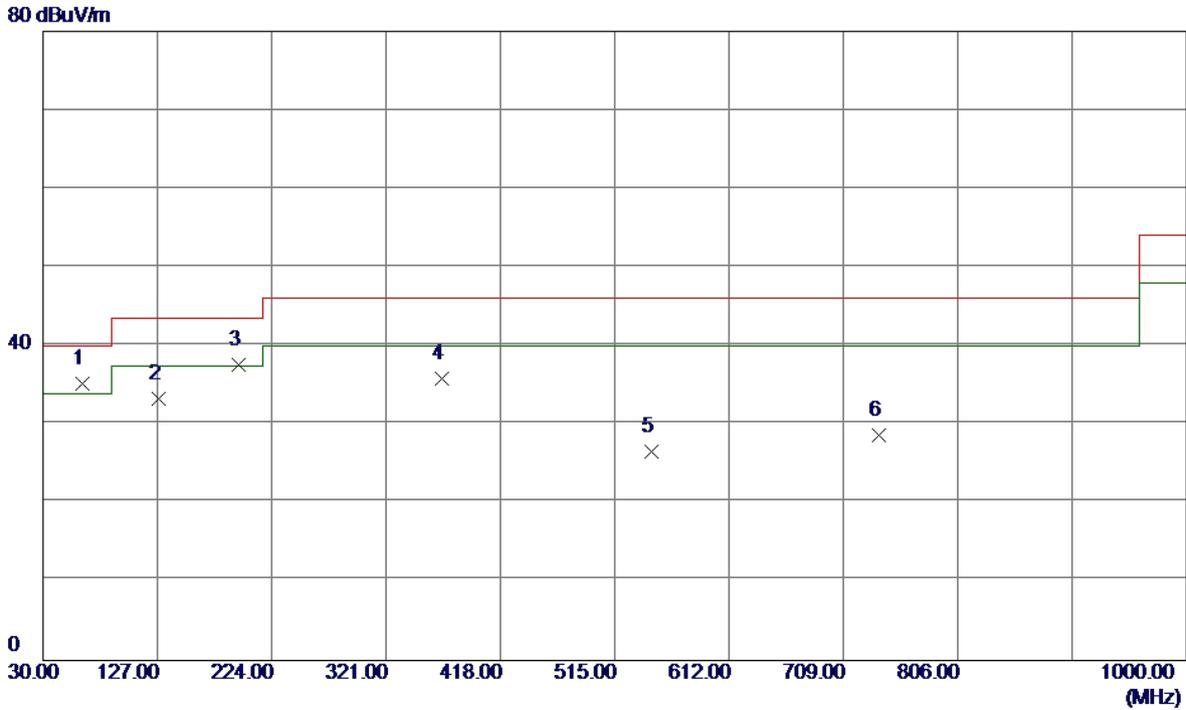
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	80.4400	43.59	-16.16	27.43	40.00	-12.57	Peak	
2 *	203.1450	52.39	-14.50	37.89	43.50	-5.61	Peak	
3	278.3200	48.27	-12.27	36.00	46.00	-10.00	Peak	
4	370.4700	48.96	-9.81	39.15	46.00	-6.85	Peak	
5	445.1600	40.53	-7.98	32.55	46.00	-13.45	Peak	
6	781.2650	30.94	-0.58	30.36	46.00	-15.64	Peak	

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

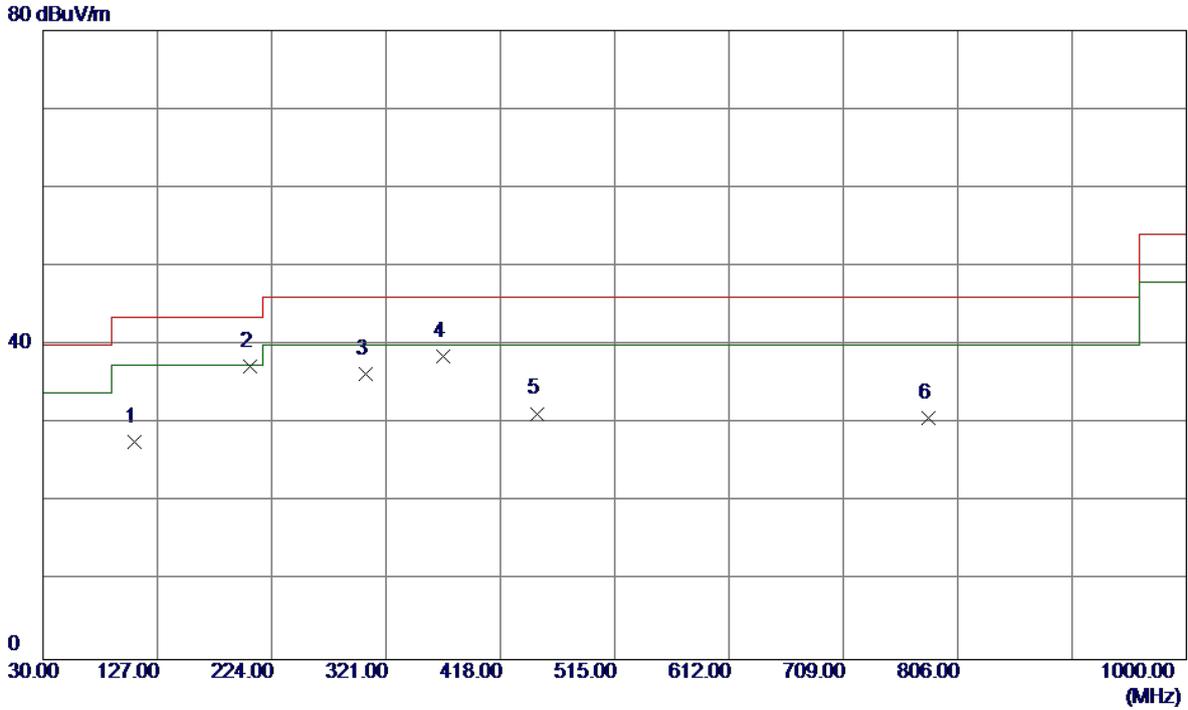
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.4650	49.90	-14.73	35.17	40.00	-4.83	QP	
2	128.4550	45.81	-12.52	33.29	43.50	-10.21	Peak	
3	196.3550	51.86	-14.25	37.61	43.50	-5.89	Peak	
4	368.5300	45.73	-9.95	35.78	46.00	-10.22	Peak	
5	546.5250	31.40	-4.90	26.50	46.00	-19.50	Peak	
6	739.5550	30.65	-2.00	28.65	46.00	-17.35	Peak	

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

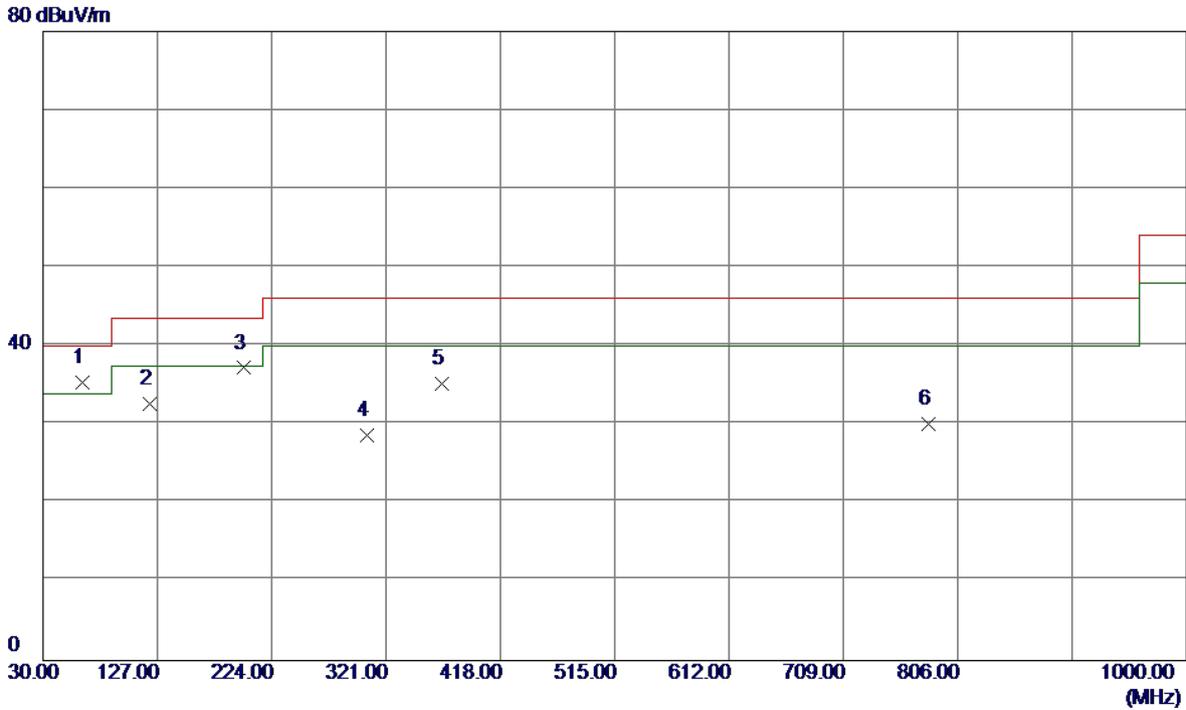
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	107.1150	42.58	-14.89	27.69	43.50	-15.81	Peak	
2 *	205.5700	51.83	-14.55	37.28	43.50	-6.22	Peak	
3	303.5400	46.50	-10.24	36.26	46.00	-9.74	Peak	
4	369.9849	48.40	-9.85	38.55	46.00	-7.45	Peak	
5	449.5250	39.28	-8.00	31.28	46.00	-14.72	Peak	
6	781.2650	31.31	-0.58	30.73	46.00	-15.27	Peak	

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

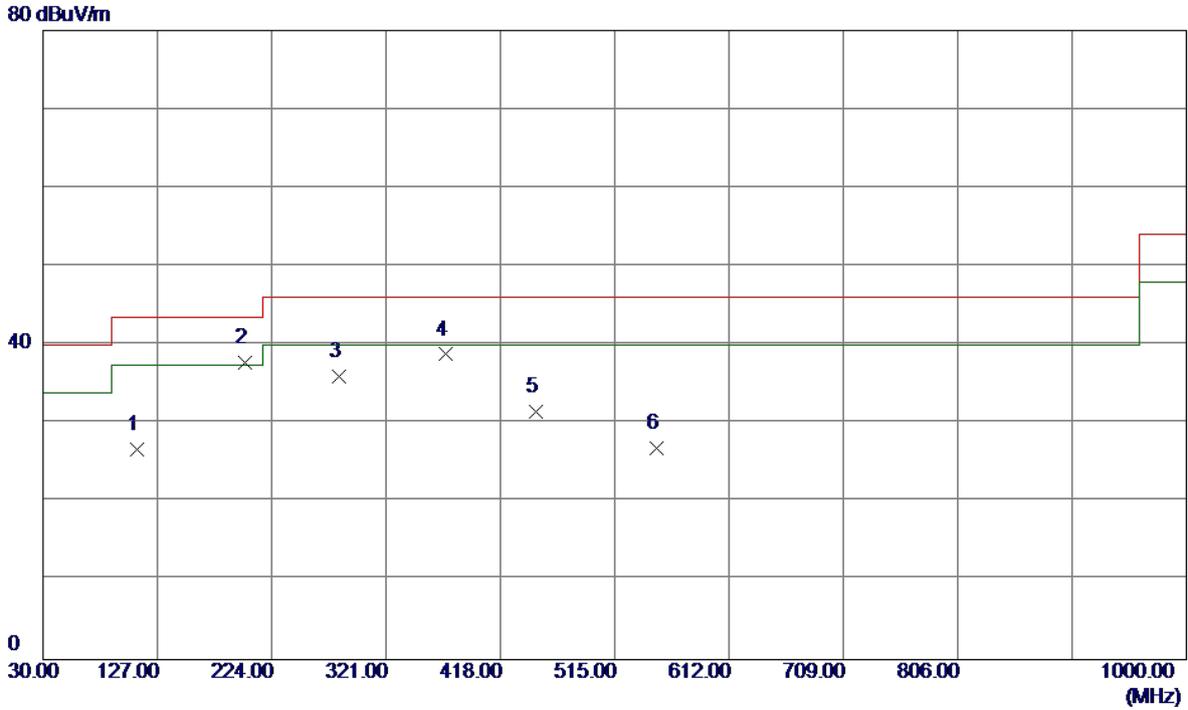
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	62.9800	49.88	-14.58	35.30	40.00	-4.70	QP	
2	120.2100	46.00	-13.43	32.57	43.50	-10.93	Peak	
3	200.7200	51.65	-14.45	37.20	43.50	-6.30	Peak	
4	304.9950	38.93	-10.27	28.66	46.00	-17.34	Peak	
5	368.5300	45.15	-9.95	35.20	46.00	-10.80	Peak	
6	781.2650	30.73	-0.58	30.15	46.00	-15.85	Peak	

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

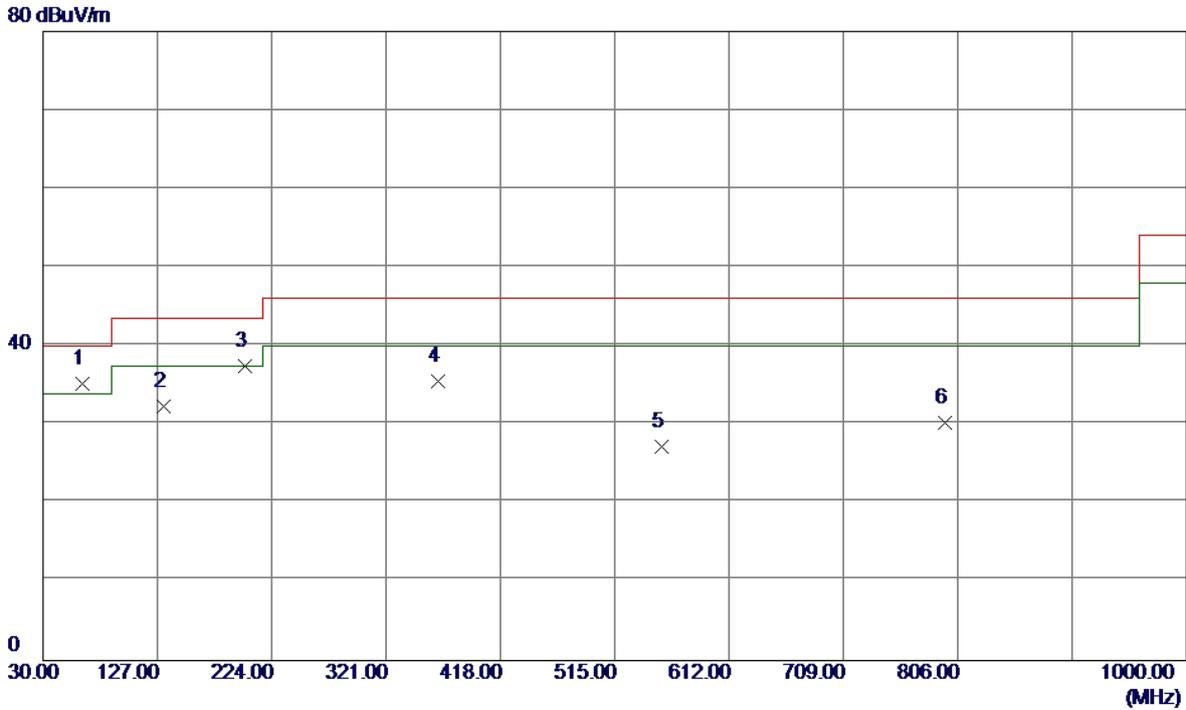
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	109.5400	41.37	-14.69	26.68	43.50	-16.82	Peak	
2 *	201.6900	52.17	-14.47	37.70	43.50	-5.80	Peak	
3	280.7450	47.92	-11.98	35.94	46.00	-10.06	Peak	
4	371.4400	48.54	-9.74	38.80	46.00	-7.20	Peak	
5	448.0700	39.54	-7.99	31.55	46.00	-14.45	Peak	
6	550.8900	31.50	-4.58	26.92	46.00	-19.08	Peak	

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

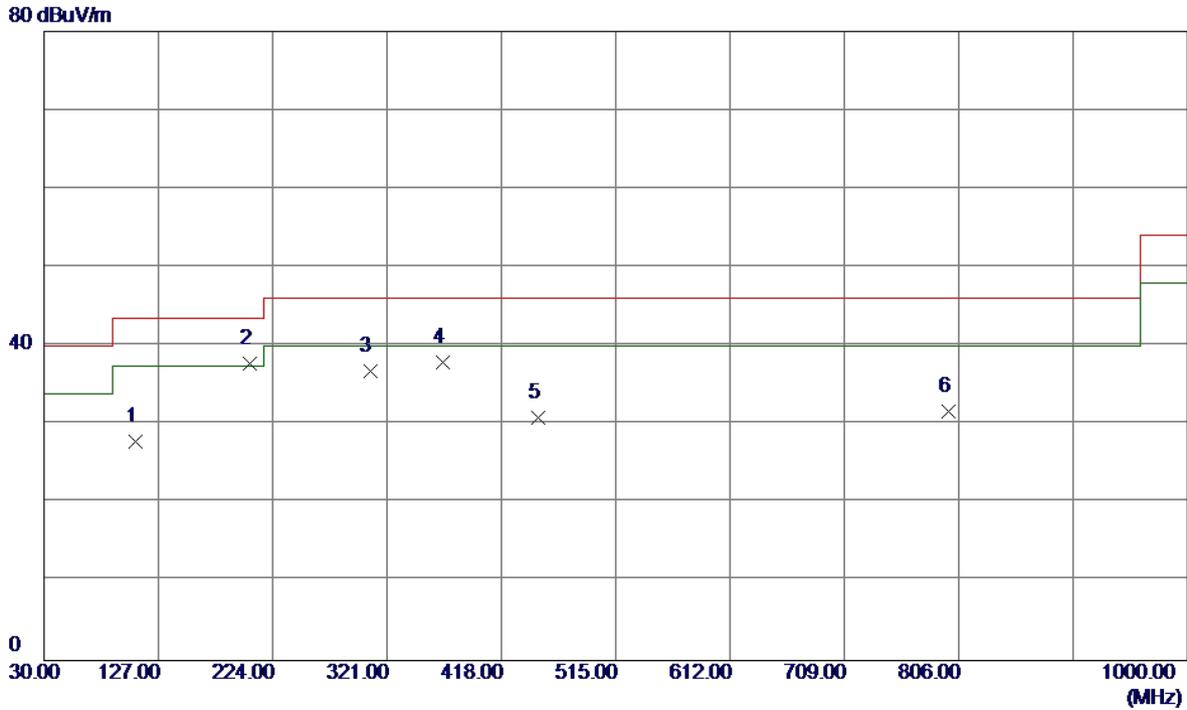
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.4650	49.92	-14.73	35.19	40.00	-4.81	QP	
2	132.8200	45.10	-12.75	32.35	43.50	-11.15	Peak	
3	201.6900	51.92	-14.47	37.45	43.50	-6.05	Peak	
4	365.6200	45.63	-10.15	35.48	46.00	-10.52	Peak	
5	554.7700	31.96	-4.78	27.18	46.00	-18.82	Peak	
6	794.8449	30.18	0.03	30.21	46.00	-15.79	Peak	

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

Horizontal

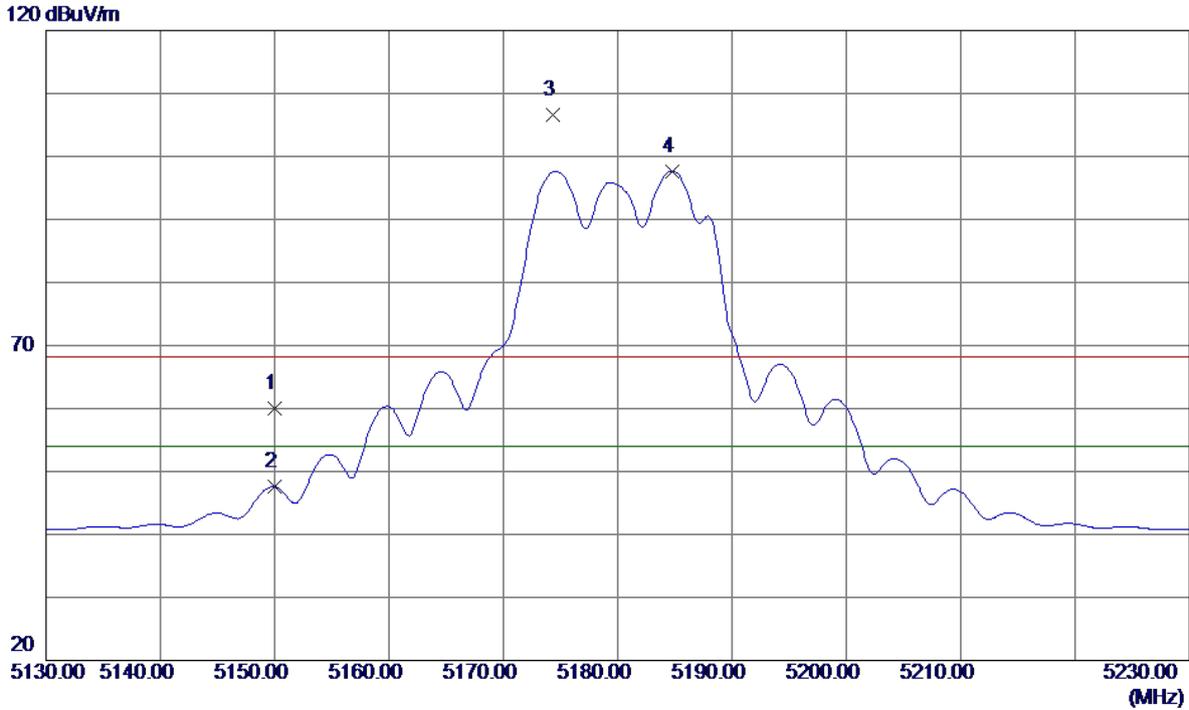


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	107.1150	42.70	-14.89	27.81	43.50	-15.69	Peak	
2 *	204.6000	52.29	-14.53	37.76	43.50	-5.74	Peak	
3	306.4500	47.06	-10.30	36.76	46.00	-9.24	Peak	
4	368.5300	47.85	-9.95	37.90	46.00	-8.10	Peak	
5	449.5250	38.84	-8.00	30.84	46.00	-15.16	Peak	
6	797.7550	31.45	0.16	31.61	46.00	-14.39	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

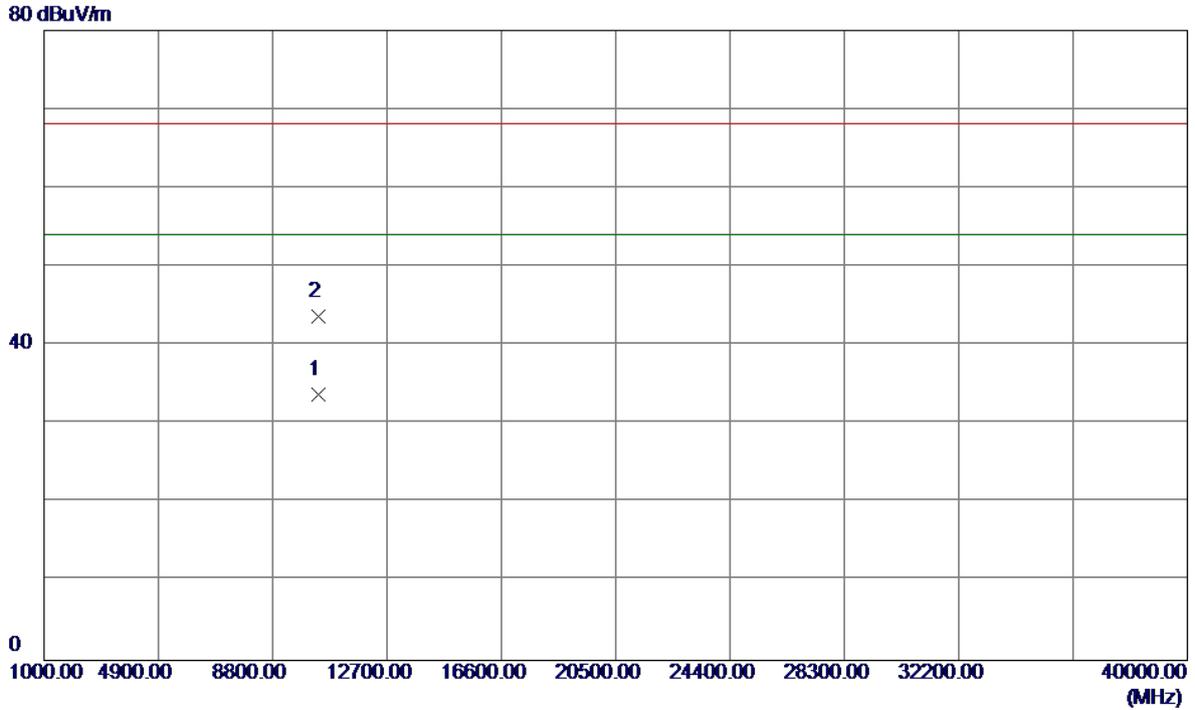
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	19.43	40.62	60.05	68.20	-8.15	Peak	
2	5150.0000	6.94	40.62	47.56	54.00	-6.44	AVG	
3	5174.3500	65.91	40.71	106.62	68.20	38.42	Peak	NO LIMIT
4 *	5184.7500	56.91	40.74	97.65	54.00	43.65	AVG	NO LIMIT

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

Vertical

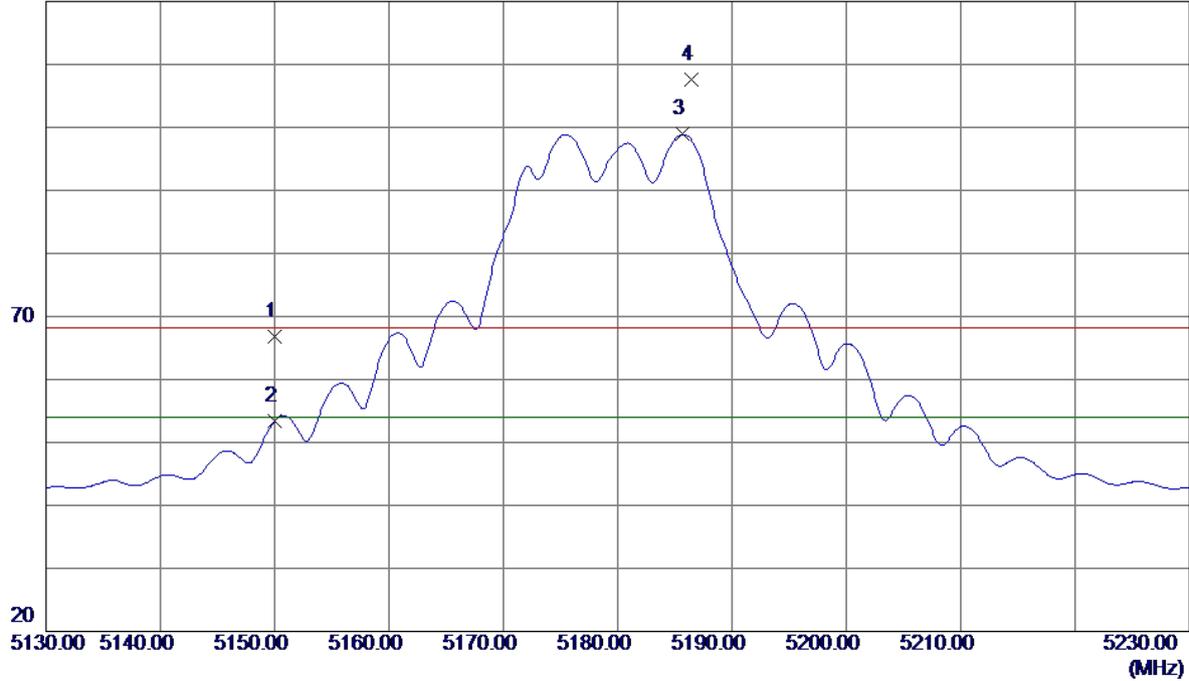


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10359.1500	18.86	14.96	33.82	54.00	-20.18	AVG	
2	10359.5000	28.73	14.96	43.69	68.20	-24.51	Peak	

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

Horizontal

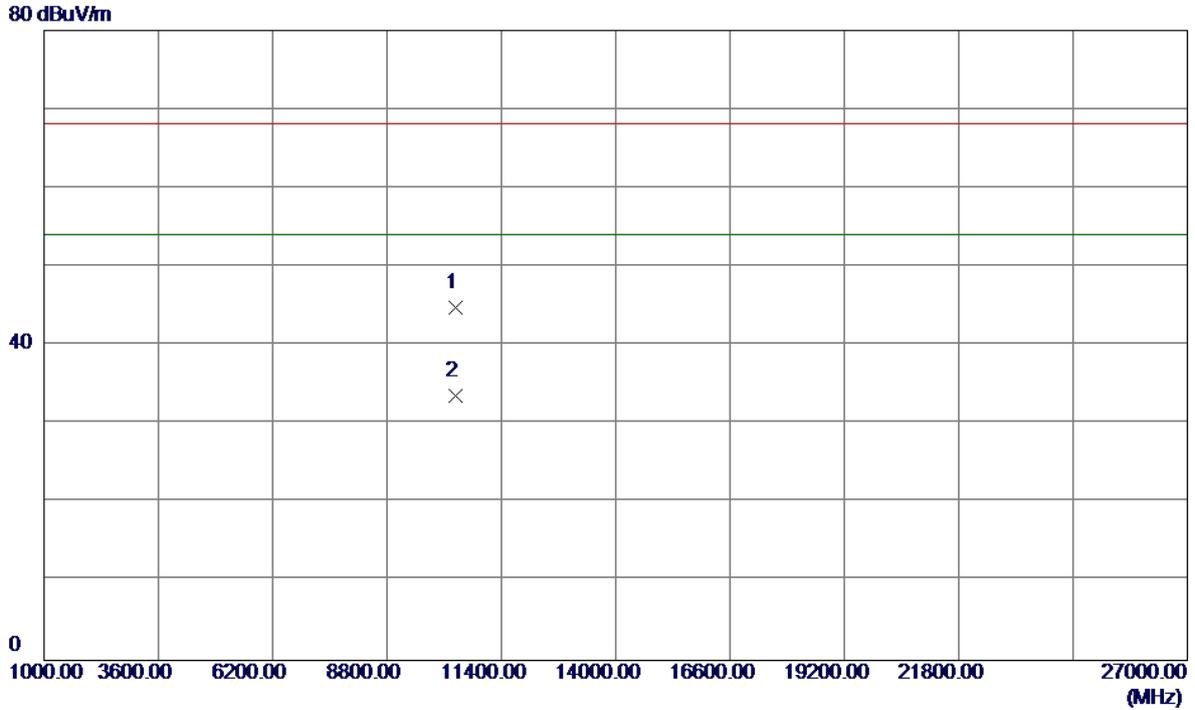
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	26.22	40.62	66.84	68.20	-1.36	Peak	
2	5150.0000	12.87	40.62	53.49	54.00	-0.51	AVG	
3 *	5185.7000	58.16	40.74	98.90	54.00	44.90	AVG	NO LIMIT
4	5186.4000	66.81	40.75	107.56	68.20	39.36	Peak	NO LIMIT

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

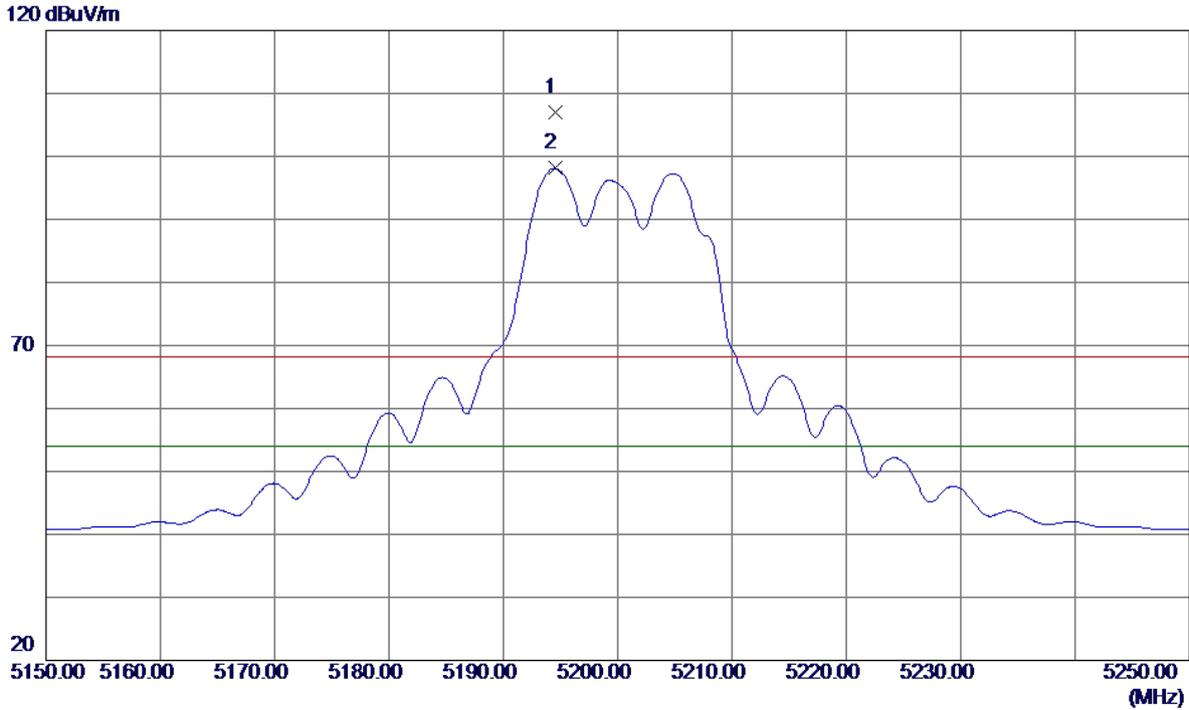
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10359.4250	29.88	14.96	44.84	68.20	-23.36	Peak	
2 *	10360.4000	18.67	14.96	33.63	54.00	-20.37	AVG	

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

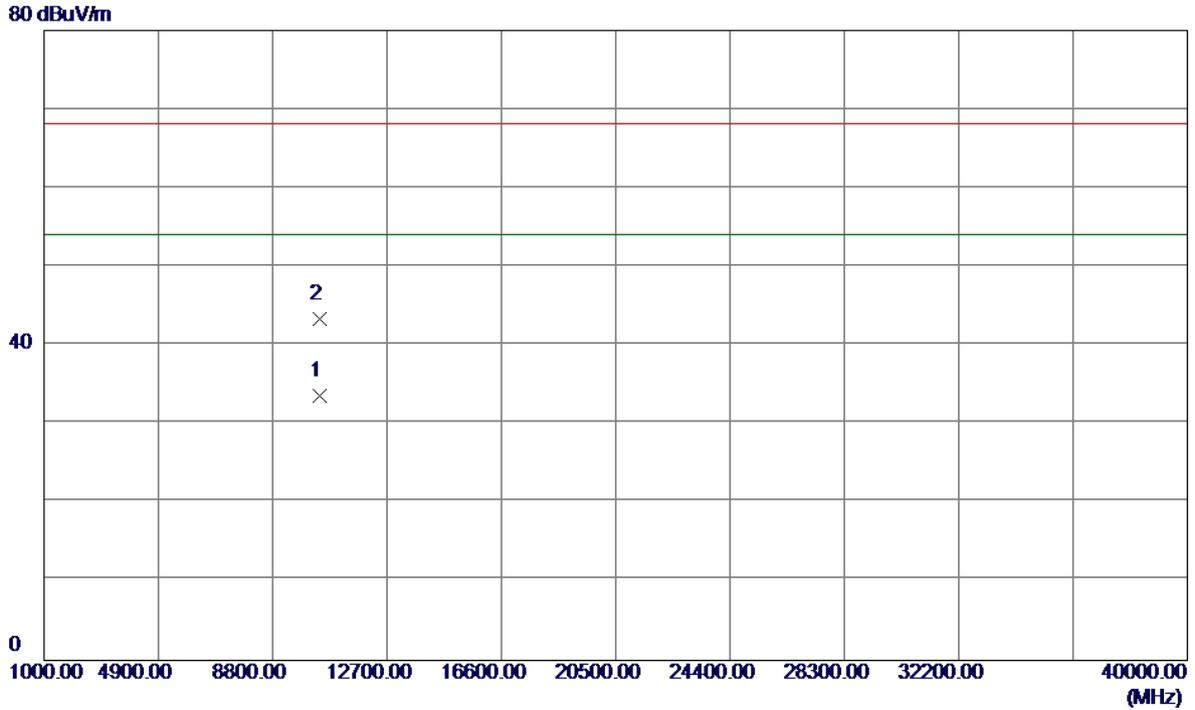
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5194.5000	66.16	40.77	106.93	68.20	38.73	Peak	NO LIMIT
2 *	5194.5000	57.34	40.77	98.11	54.00	44.11	AVG	NO LIMIT

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

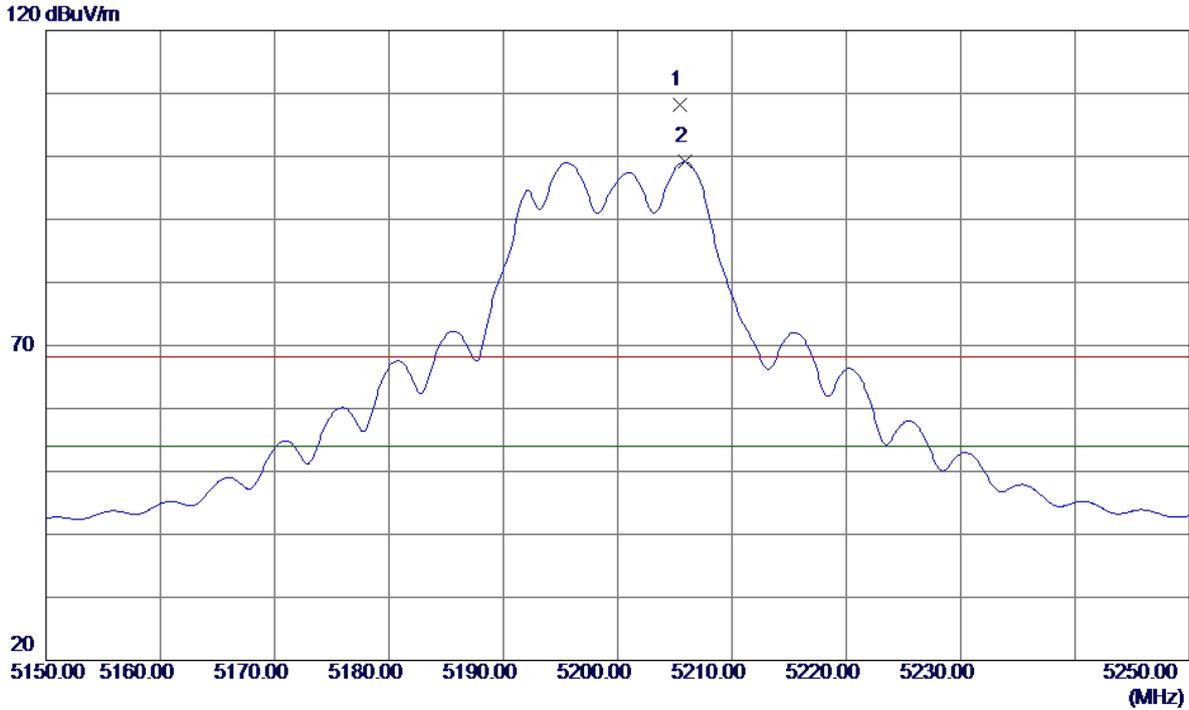
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10399.1300	18.52	15.05	33.57	54.00	-20.43	AVG	
2	10400.4100	28.25	15.06	43.31	68.20	-24.89	Peak	

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

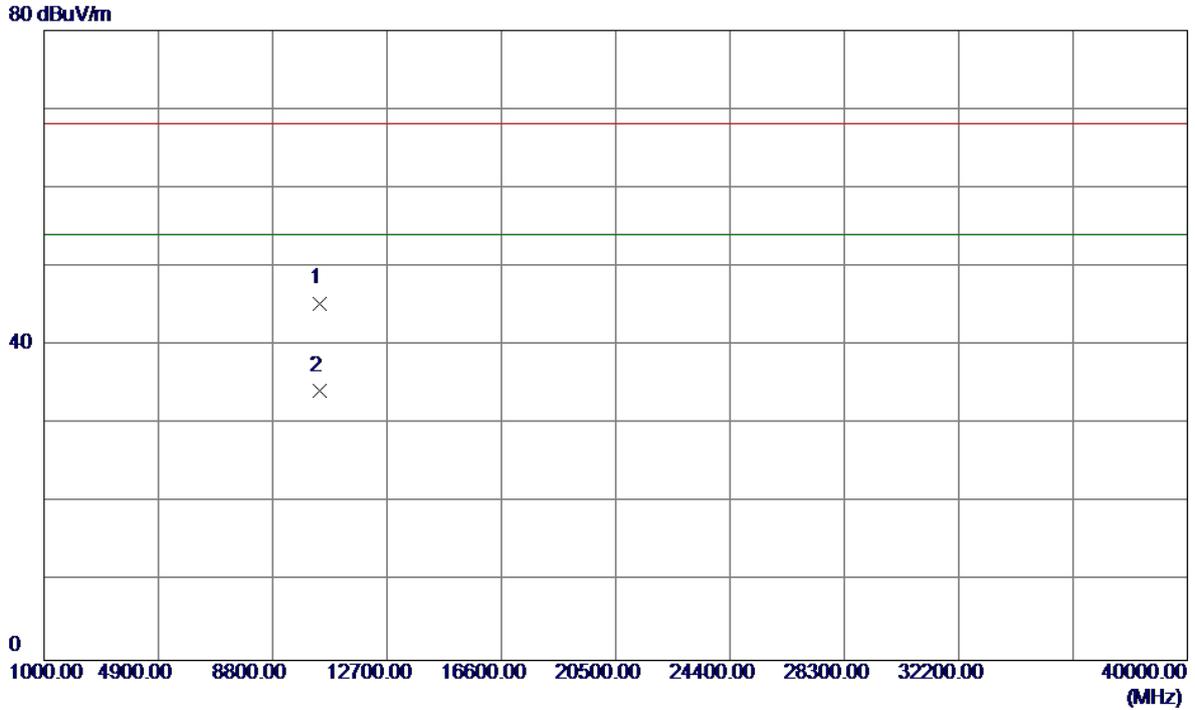
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5205.4000	67.35	40.81	108.16	68.20	39.96	Peak	NO LIMIT
2 *	5205.8500	58.31	40.81	99.12	54.00	45.12	AVG	NO LIMIT

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

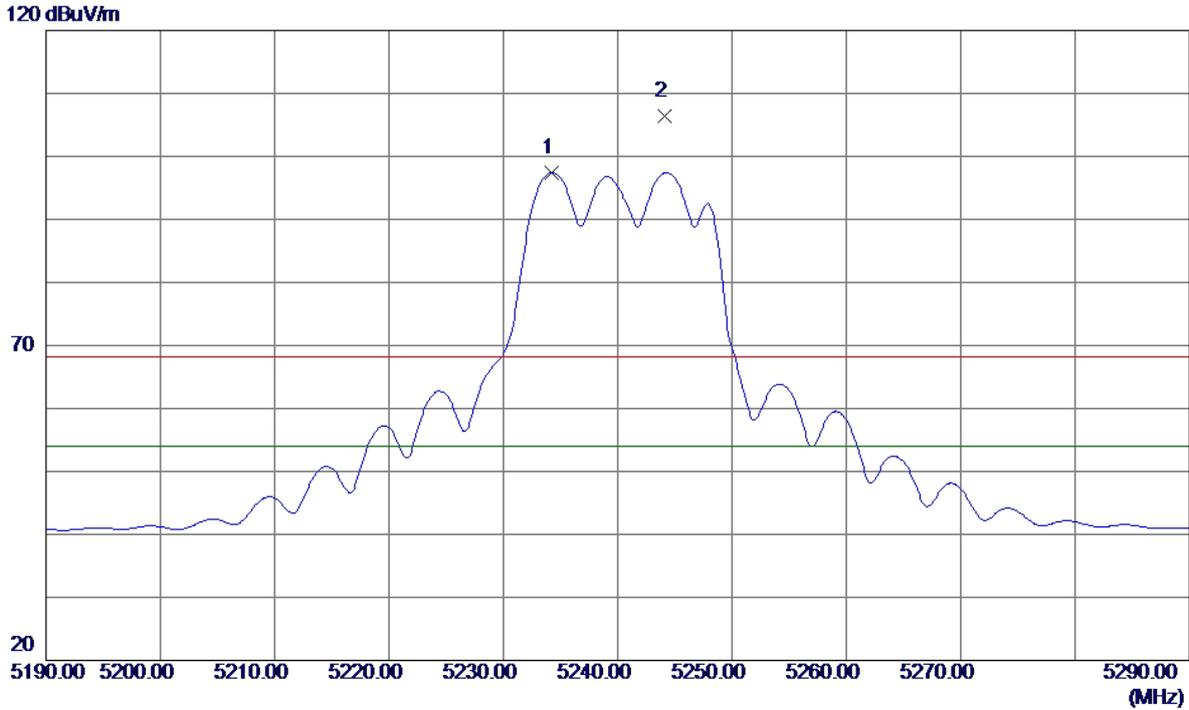
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10400.1500	30.30	15.06	45.36	68.20	-22.84	Peak	
2 *	10400.8000	19.24	15.06	34.30	54.00	-19.70	AVG	

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

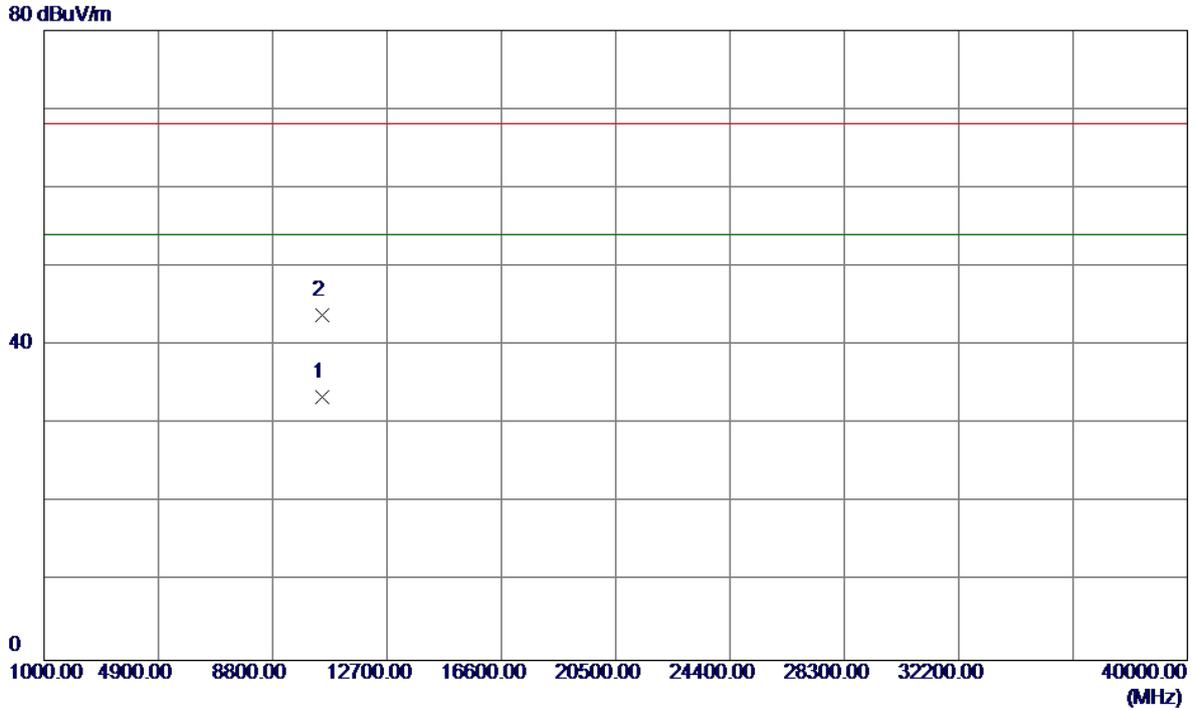
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5234.2500	56.56	40.90	97.46	54.00	43.46	AVG	NO LIMIT
2	5244.1500	65.42	40.94	106.36	68.20	38.16	Peak	NO LIMIT

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

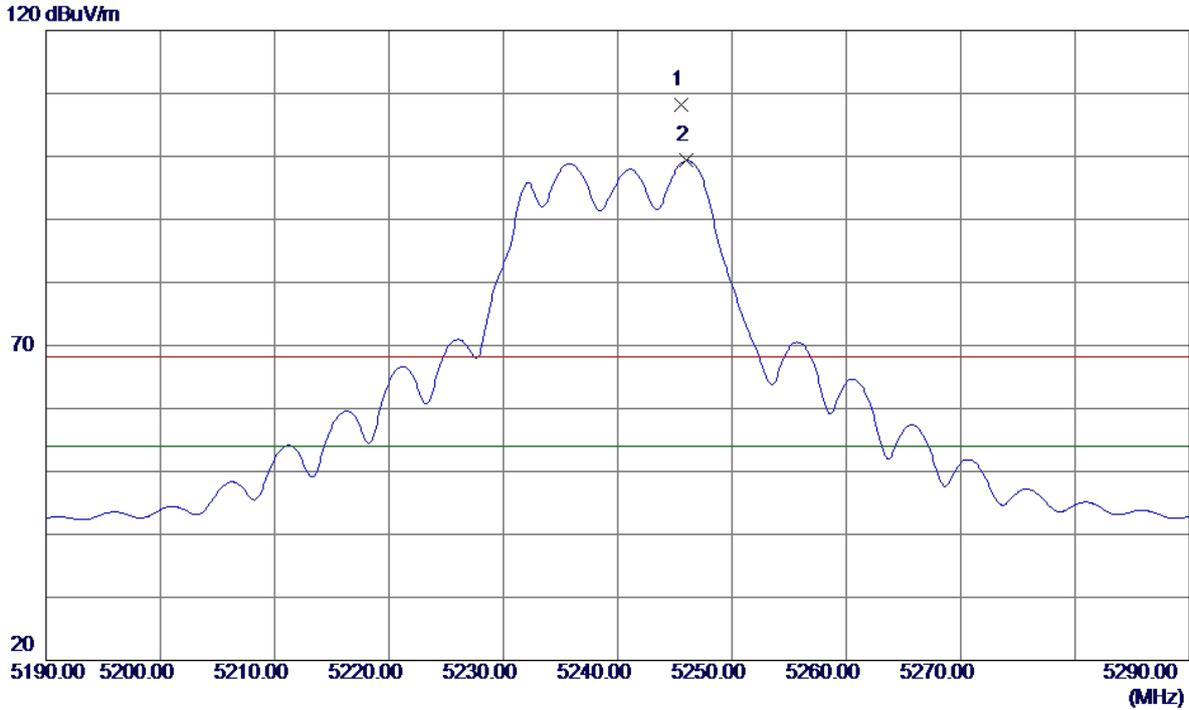
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.2000	18.23	15.24	33.47	54.00	-20.53	AVG	
2	10479.4200	28.57	15.24	43.81	68.20	-24.39	Peak	

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

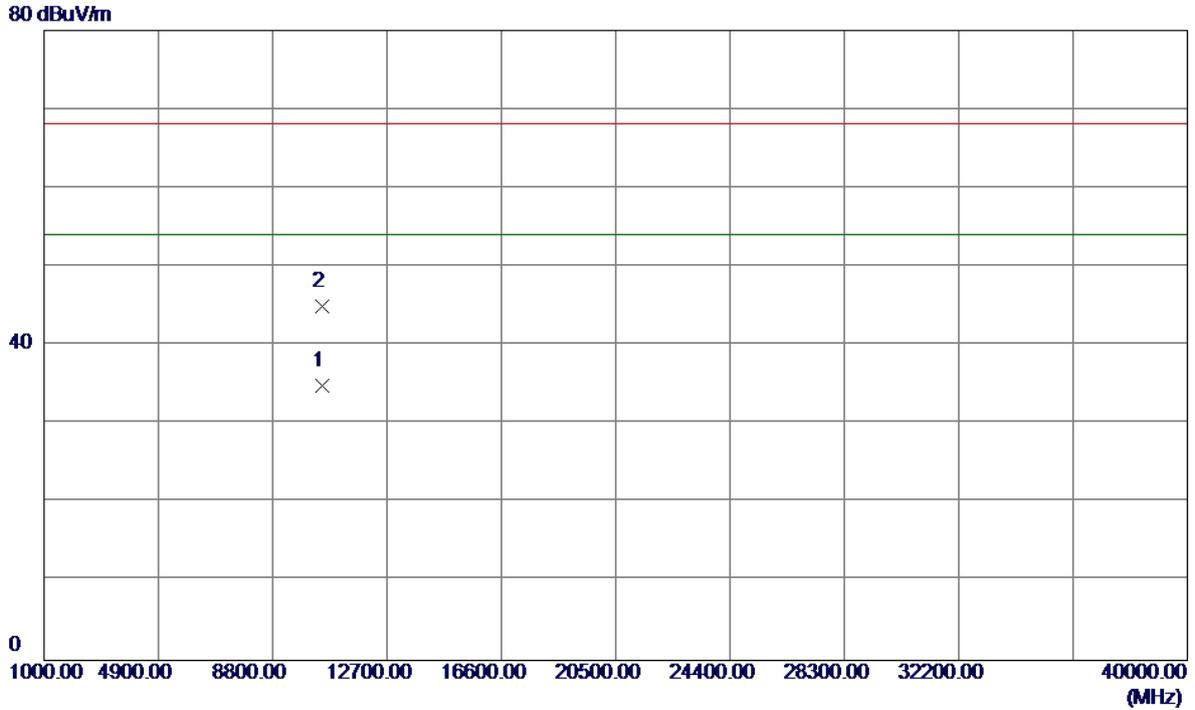
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5245.6000	67.27	40.94	108.21	68.20	40.01	Peak	NO LIMIT
2 *	5246.0500	58.39	40.94	99.33	54.00	45.33	AVG	NO LIMIT

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

Horizontal

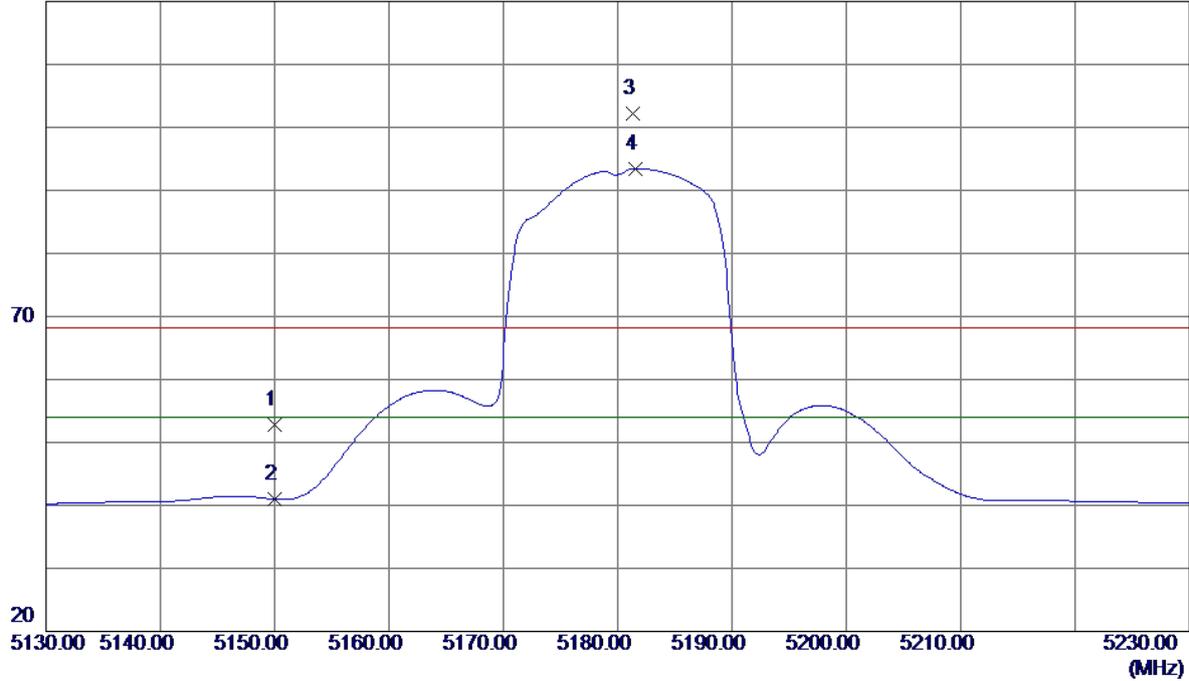


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10478.6000	19.70	15.24	34.94	54.00	-19.06	AVG	
2	10480.1500	29.71	15.24	44.95	68.20	-23.25	Peak	

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

Vertical

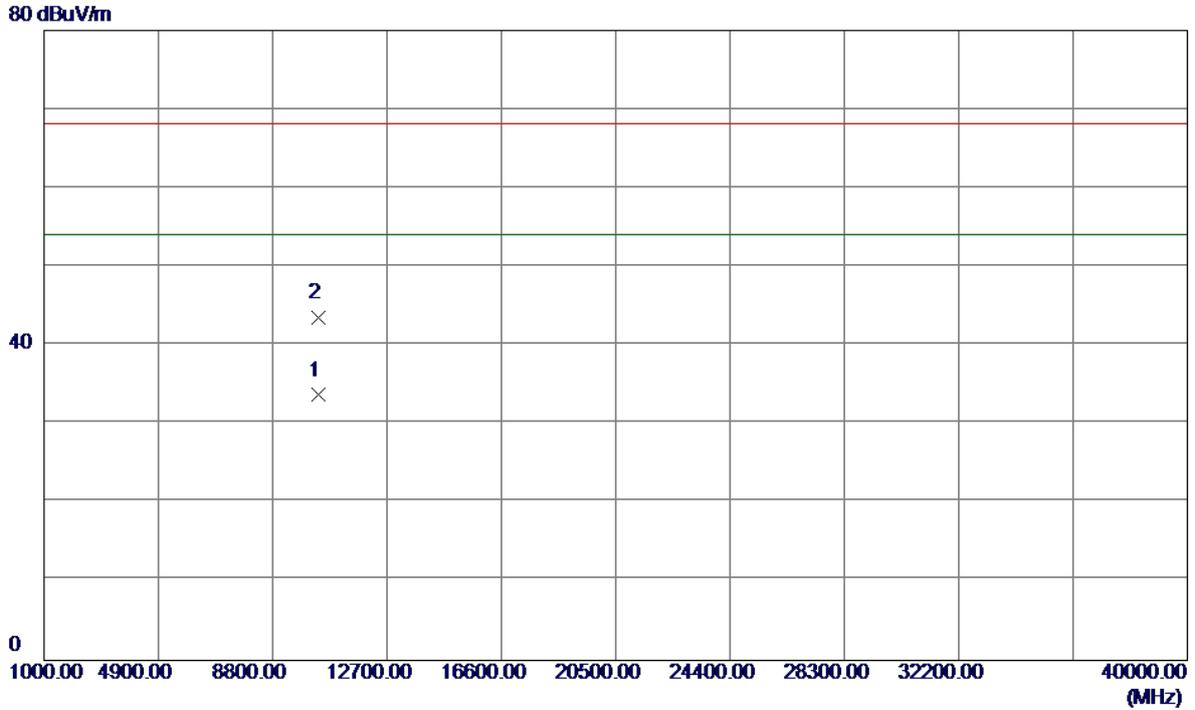
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	12.25	40.62	52.87	68.20	-15.33	Peak	
2	5150.0000	0.35	40.62	40.97	54.00	-13.03	AVG	
3	5181.3000	61.55	40.73	102.28	68.20	34.08	Peak	NO LIMIT
4 *	5181.5500	52.76	40.73	93.49	54.00	39.49	AVG	NO LIMIT

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

Vertical

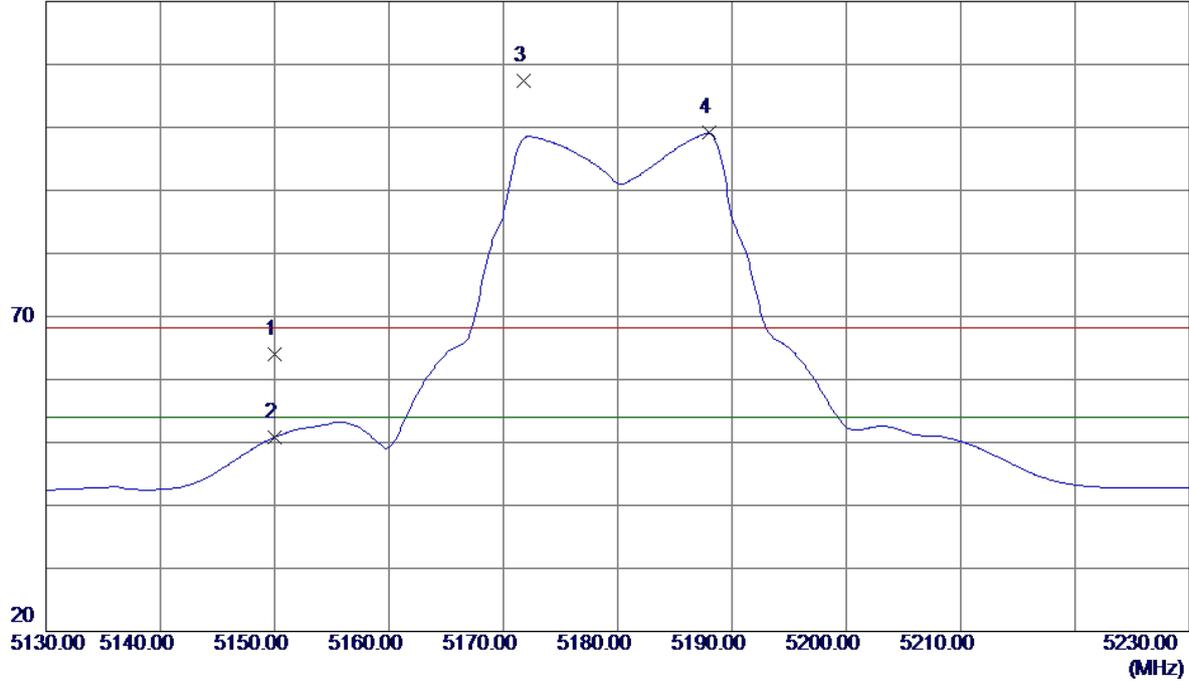


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10360.2100	18.72	14.96	33.68	54.00	-20.32	AVG	
2	10359.4800	28.56	14.96	43.52	68.20	-24.68	Peak	

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

Horizontal

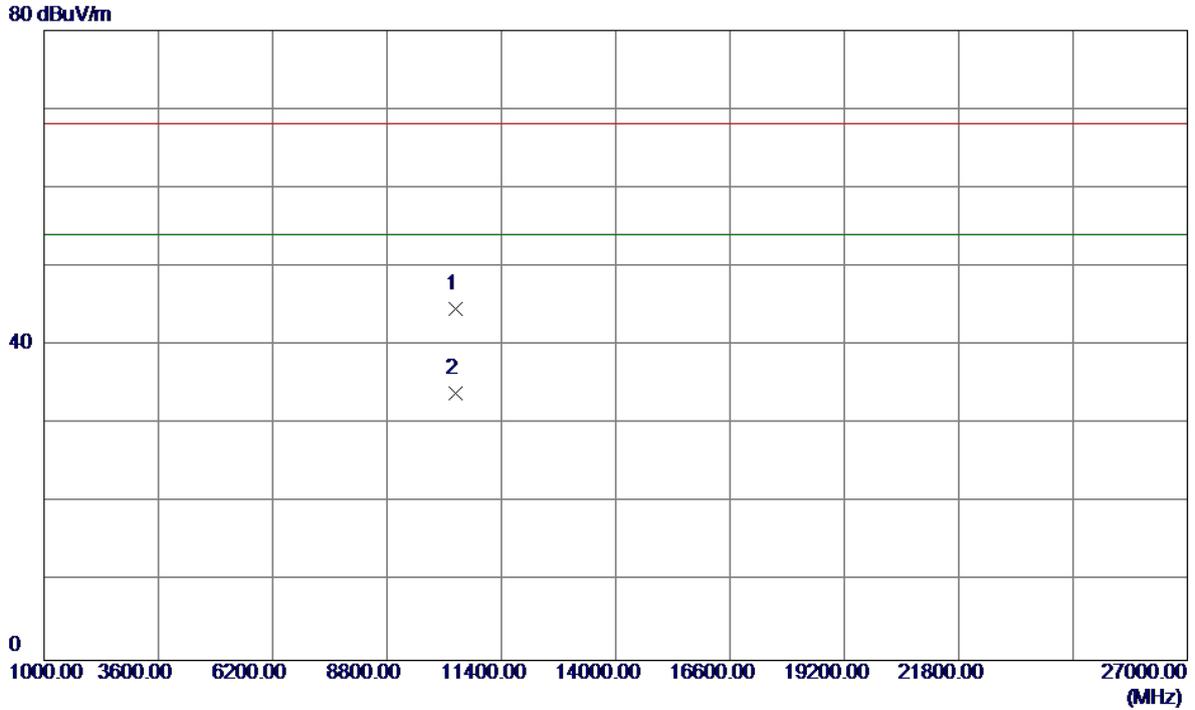
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	23.30	40.62	63.92	68.20	-4.28	Peak	
2	5150.0000	10.23	40.62	50.85	54.00	-3.15	AVG	
3	5171.7500	66.76	40.70	107.46	68.20	39.26	Peak	NO LIMIT
4 *	5187.9500	58.36	40.75	99.11	54.00	45.11	AVG	NO LIMIT

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

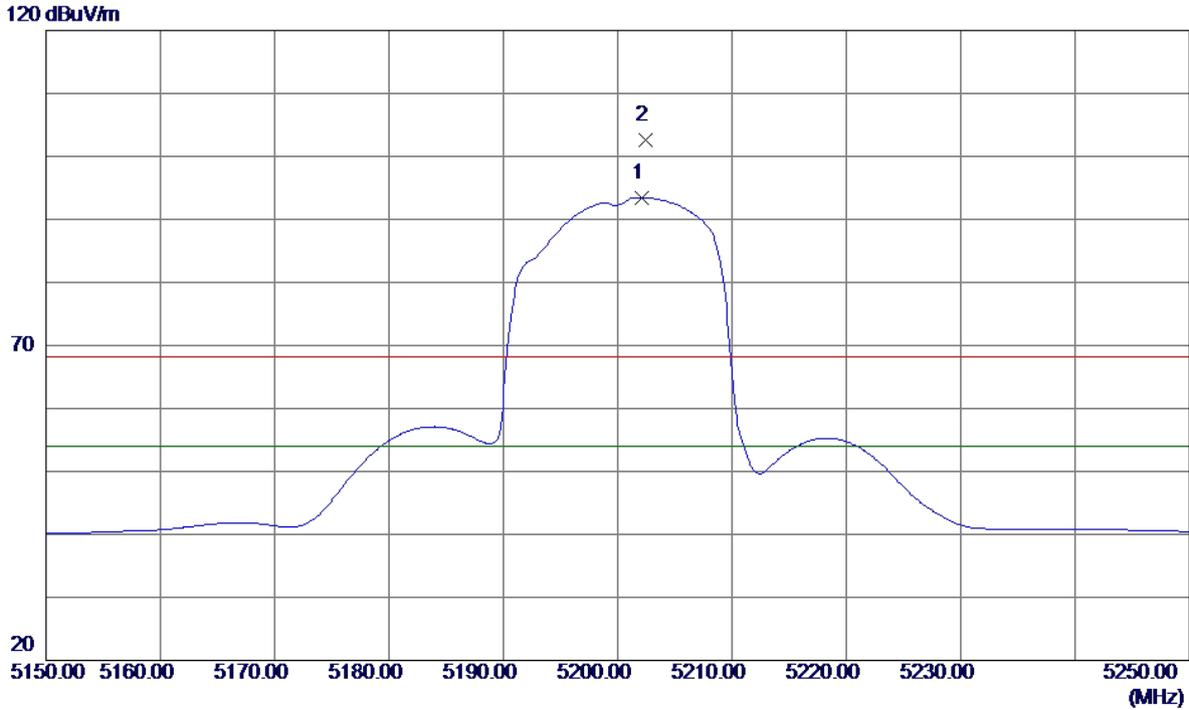
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10359.3650	29.75	14.96	44.71	68.20	-23.49	Peak	
2 *	10360.4100	18.89	14.96	33.85	54.00	-20.15	AVG	

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

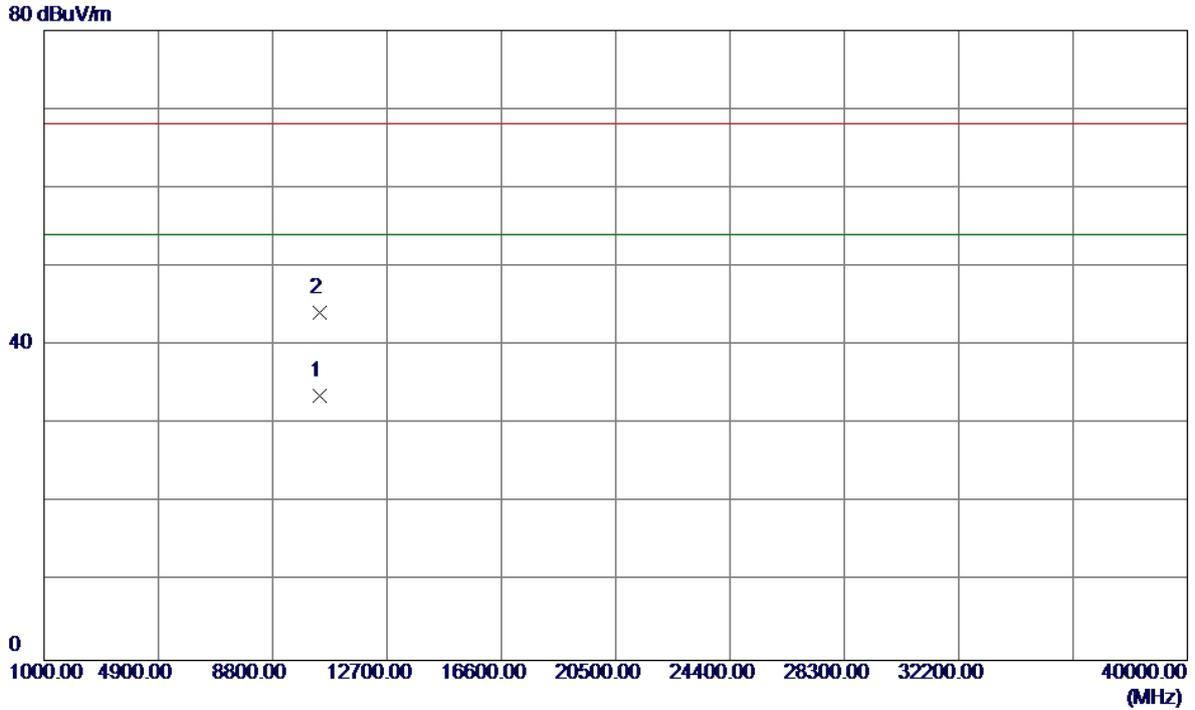
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5202.1000	52.63	40.80	93.43	54.00	39.43	AVG	NO LIMIT
2	5202.4500	61.83	40.80	102.63	68.20	34.43	Peak	NO LIMIT

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

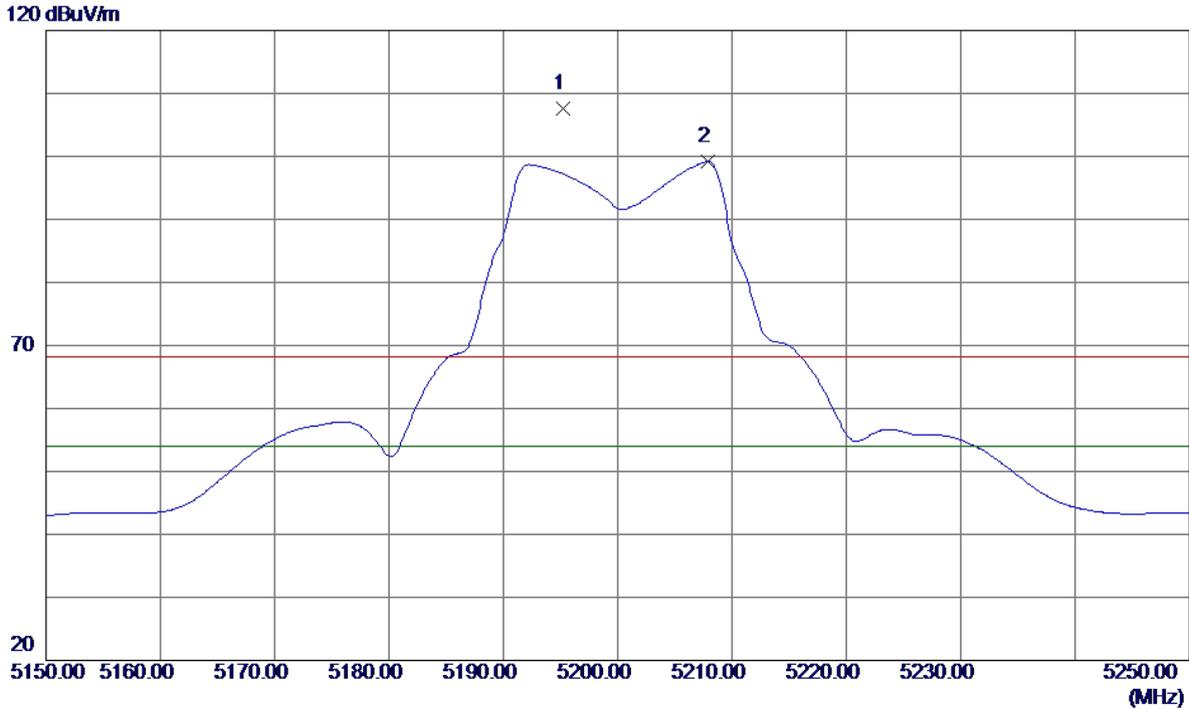
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10400.2600	18.51	15.06	33.57	54.00	-20.43	AVG	
2	10400.3900	29.13	15.06	44.19	68.20	-24.01	Peak	

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

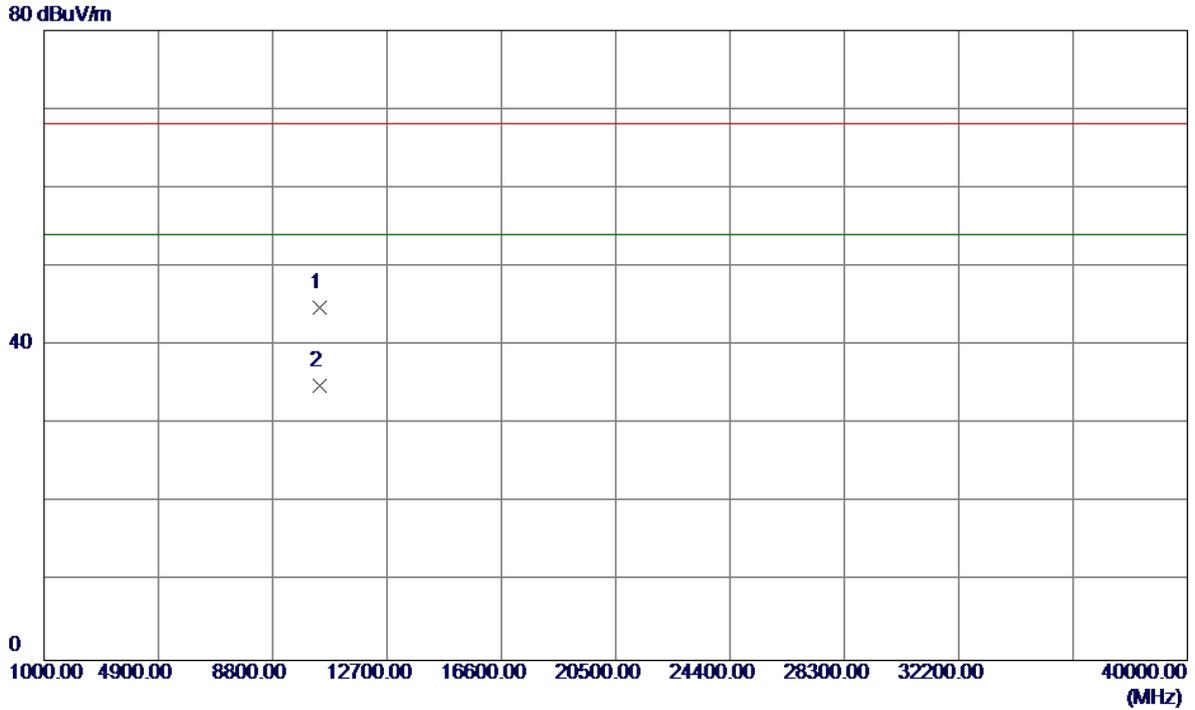
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5195.2500	66.86	40.77	107.63	68.20	39.43	Peak	NO LIMIT
2 *	5207.9000	58.40	40.82	99.22	54.00	45.22	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	10399.2600	29.75	15.05	44.80	68.20	-23.40	Peak	
2 *	10400.7500	19.80	15.06	34.86	54.00	-19.14	AVG	

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

Vertical

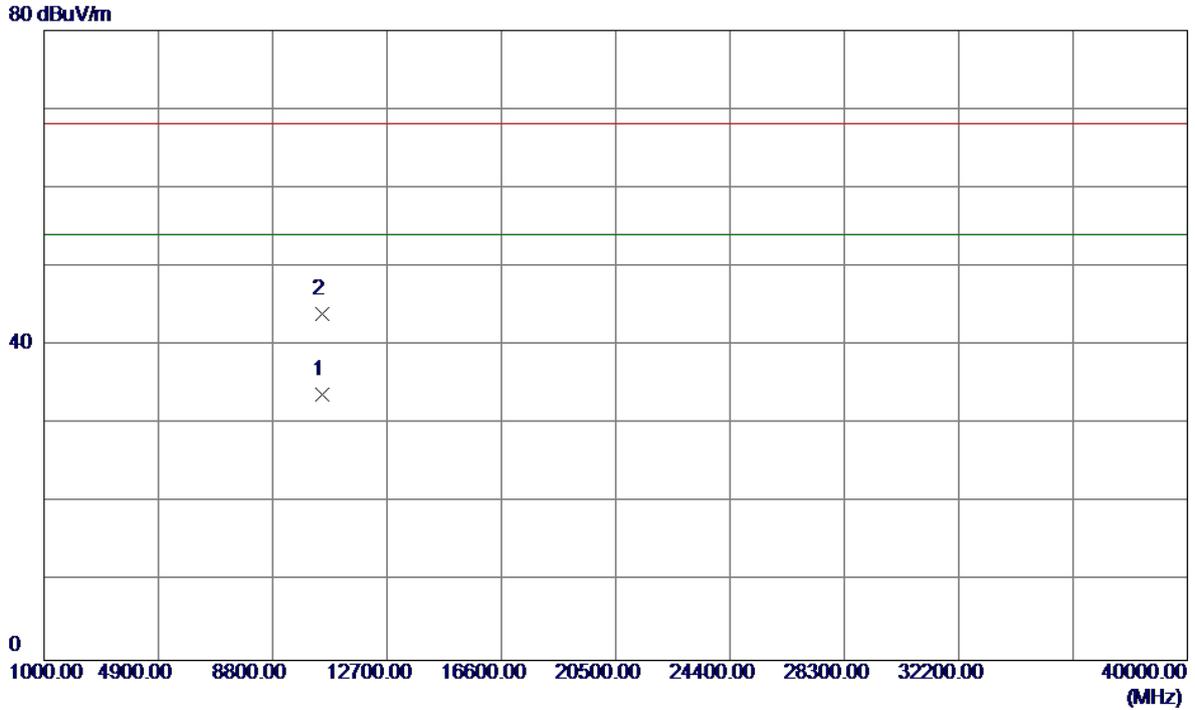
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5244.1000	53.59	40.94	94.53	54.00	40.53	AVG	NO LIMIT
2	5245.5500	62.25	40.94	103.19	68.20	34.99	Peak	NO LIMIT

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

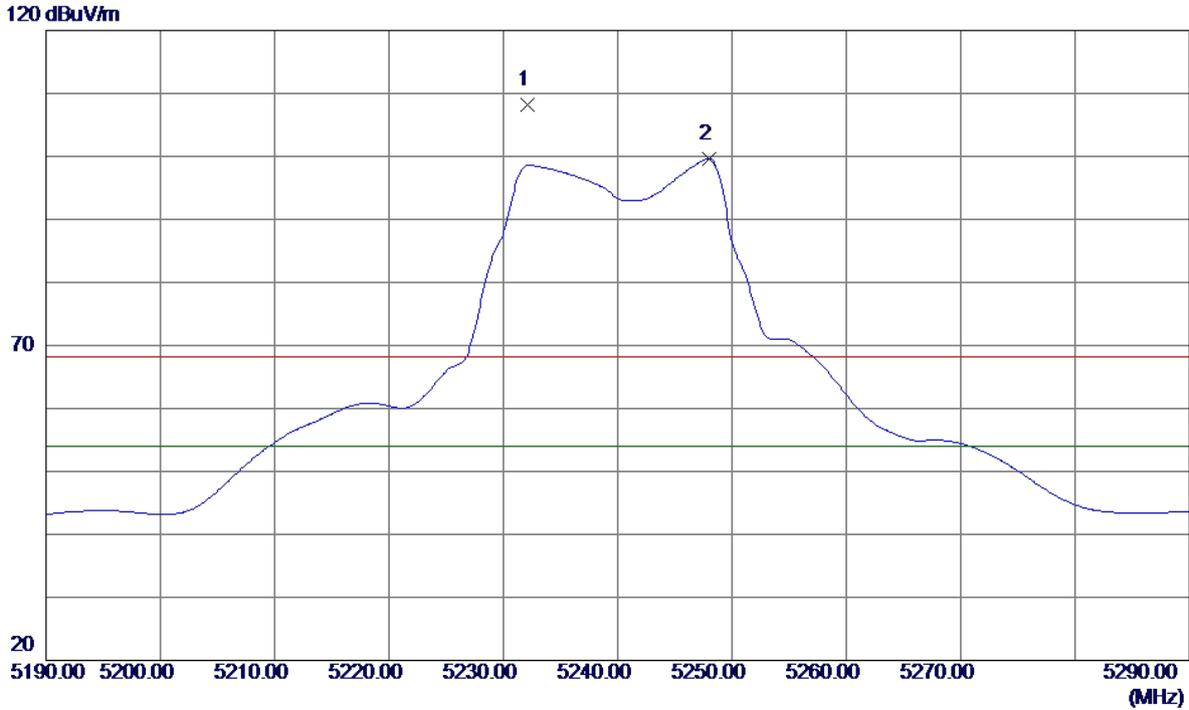
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.2200	18.45	15.24	33.69	54.00	-20.31	AVG	
2	10481.1000	28.73	15.25	43.98	68.20	-24.22	Peak	

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

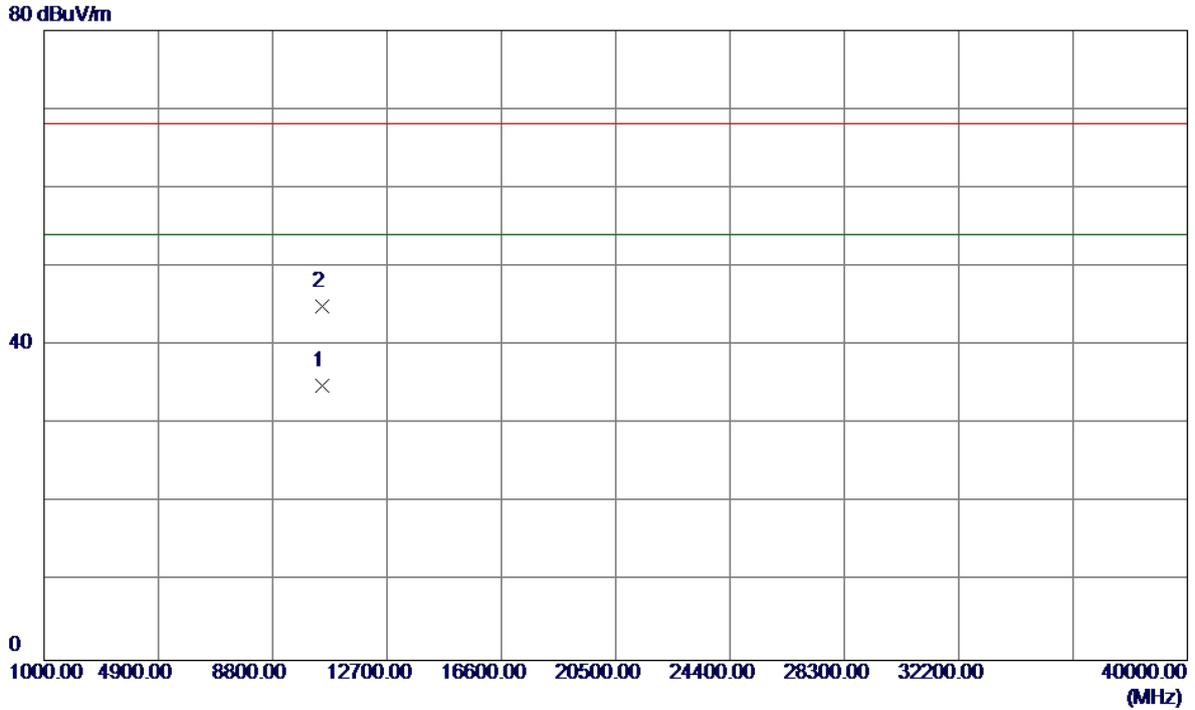
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.1500	67.37	40.90	108.27	68.20	40.07	Peak	NO LIMIT
2 *	5248.0000	58.72	40.95	99.67	54.00	45.67	AVG	NO LIMIT

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

Horizontal

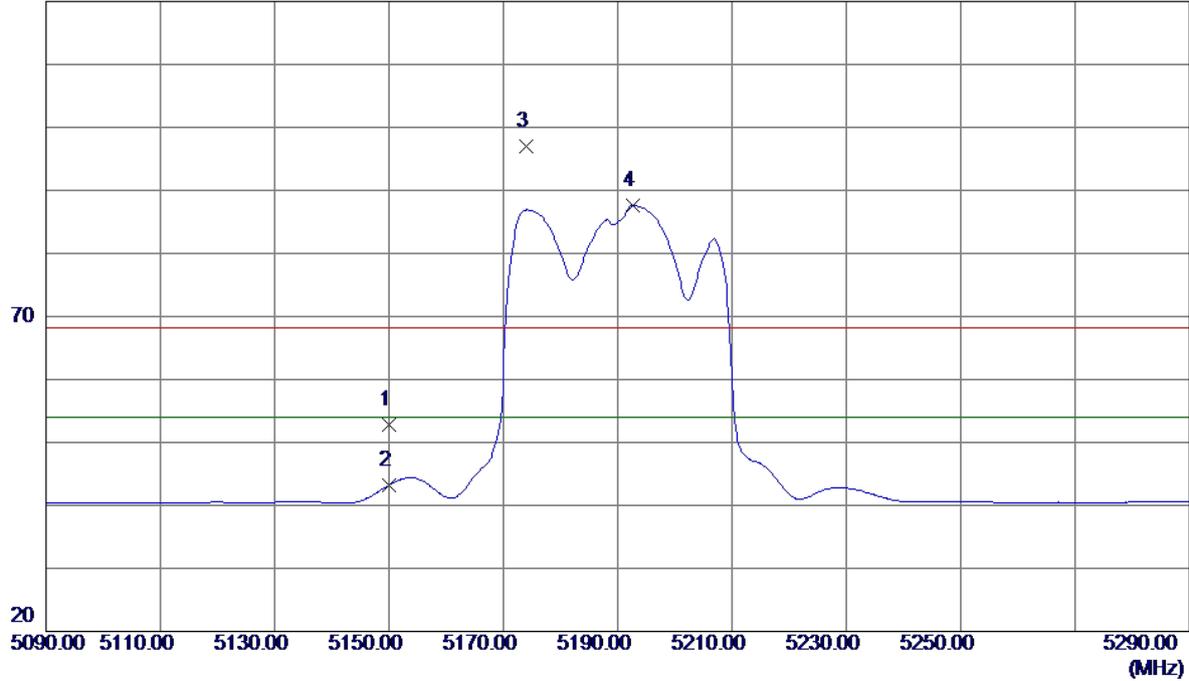


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.5199	19.65	15.24	34.89	54.00	-19.11	AVG	
2	10480.1700	29.76	15.24	45.00	68.20	-23.20	Peak	

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

Vertical

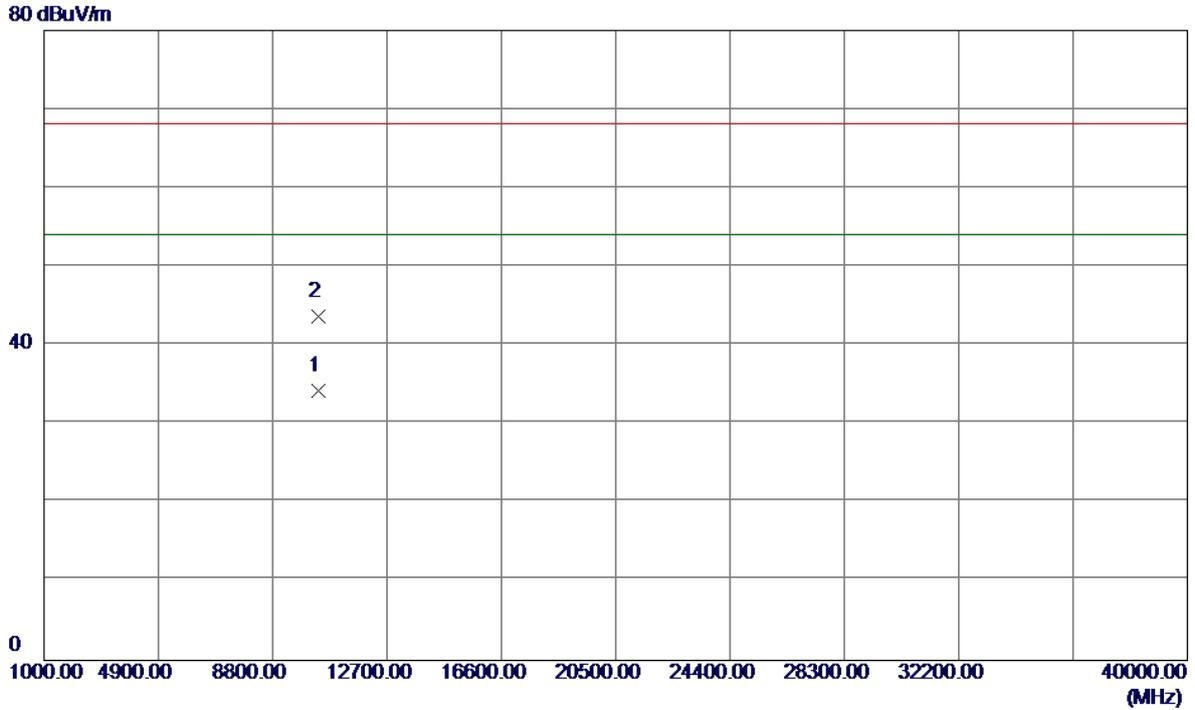
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	12.10	40.62	52.72	68.20	-15.48	Peak	
2	5150.0000	2.65	40.62	43.27	54.00	-10.73	AVG	
3	5174.0000	56.28	40.70	96.98	68.20	28.78	Peak	NO LIMIT
4 *	5192.7000	46.81	40.77	87.58	54.00	33.58	AVG	NO LIMIT

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

Vertical

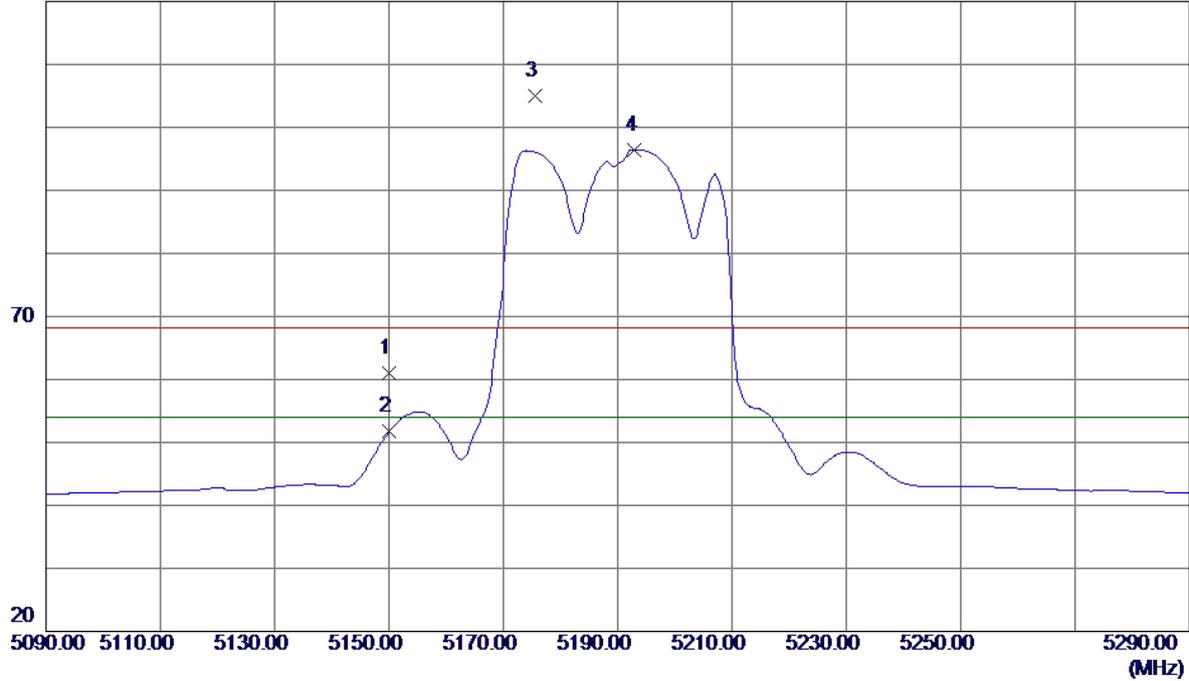


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10378.6000	19.27	15.01	34.28	54.00	-19.72	AVG	
2	10380.2000	28.65	15.01	43.66	68.20	-24.54	Peak	

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

Horizontal

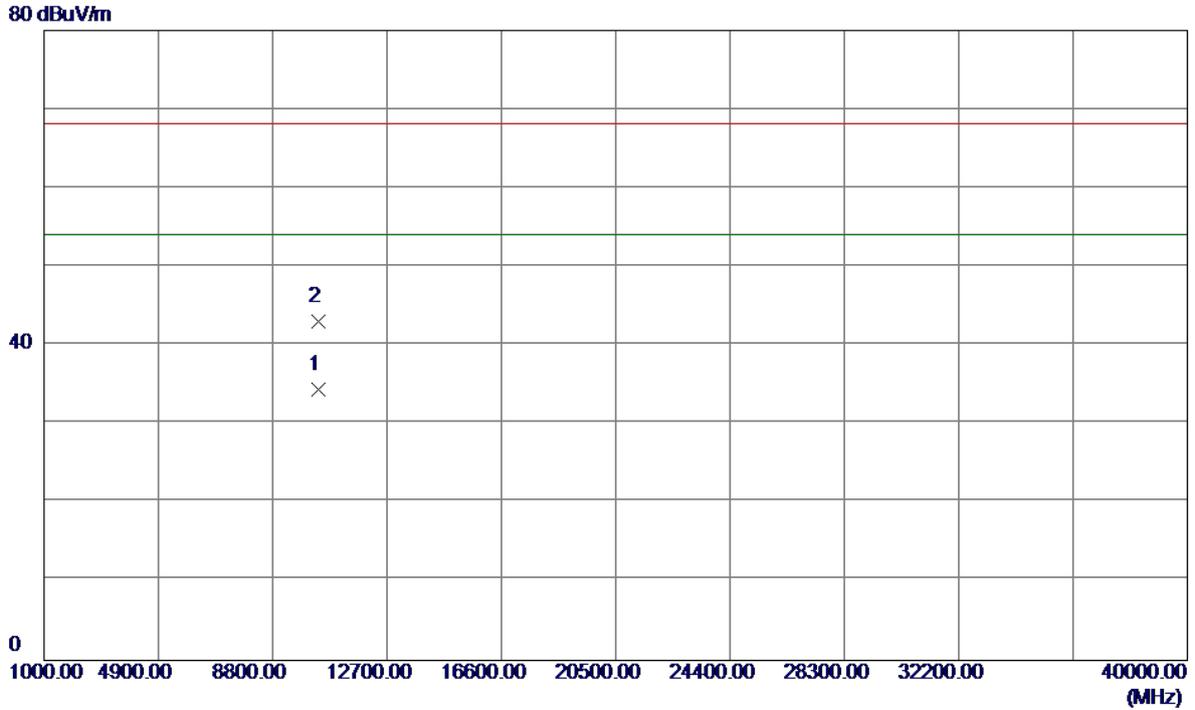
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	20.43	40.62	61.05	68.20	-7.15	Peak	
2	5150.0000	11.19	40.62	51.81	54.00	-2.19	AVG	
3	5175.6000	64.33	40.71	105.04	68.20	36.84	Peak	NO LIMIT
4 *	5193.0000	55.70	40.77	96.47	54.00	42.47	AVG	NO LIMIT

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

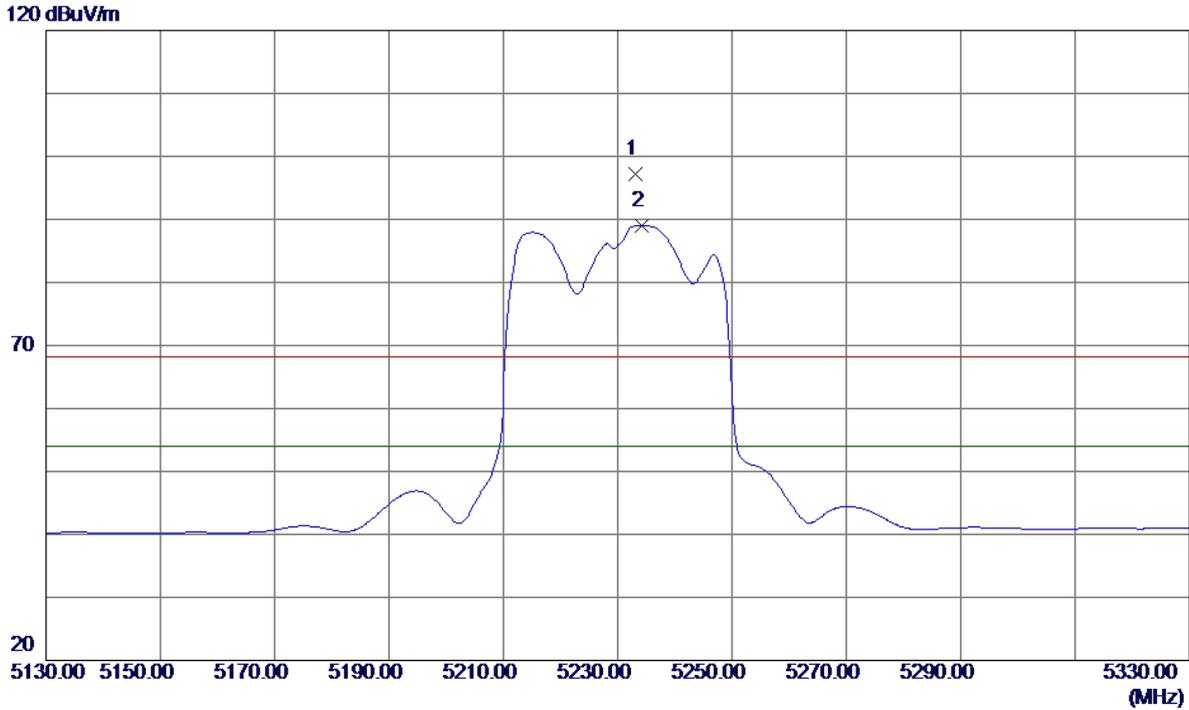
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10378.8000	19.37	15.01	34.38	54.00	-19.62	AVG	
2	10379.0000	28.07	15.01	43.08	68.20	-25.12	Peak	

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

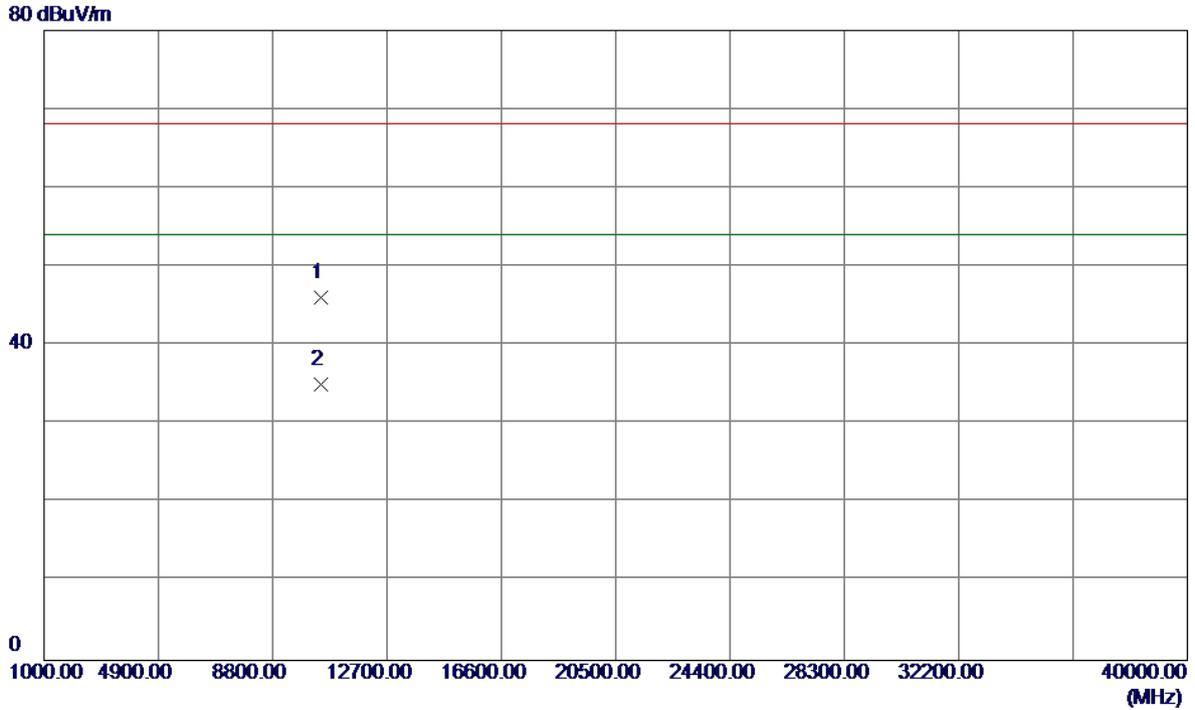
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5233.2000	56.37	40.90	97.27	68.20	29.07	Peak	NO LIMIT
2 *	5234.2000	48.13	40.90	89.03	54.00	35.03	AVG	NO LIMIT

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

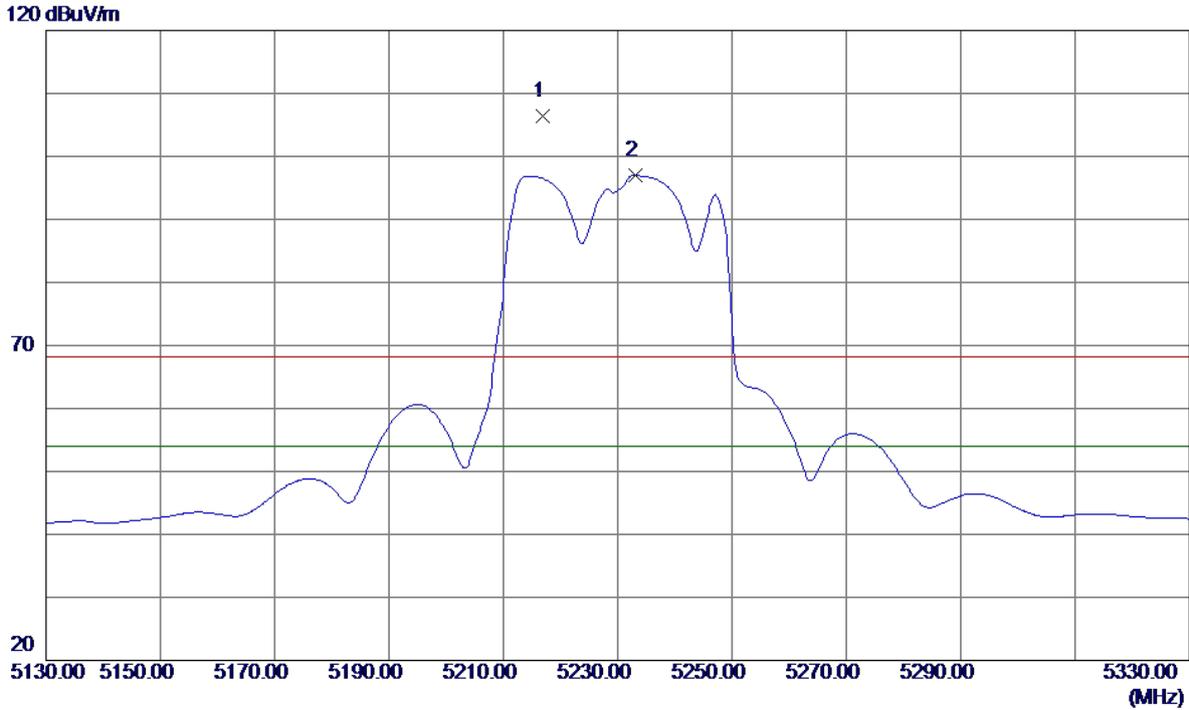
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10458.0000	30.84	15.19	46.03	68.20	-22.17	Peak	
2 *	10459.3500	19.84	15.19	35.03	54.00	-18.97	AVG	

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

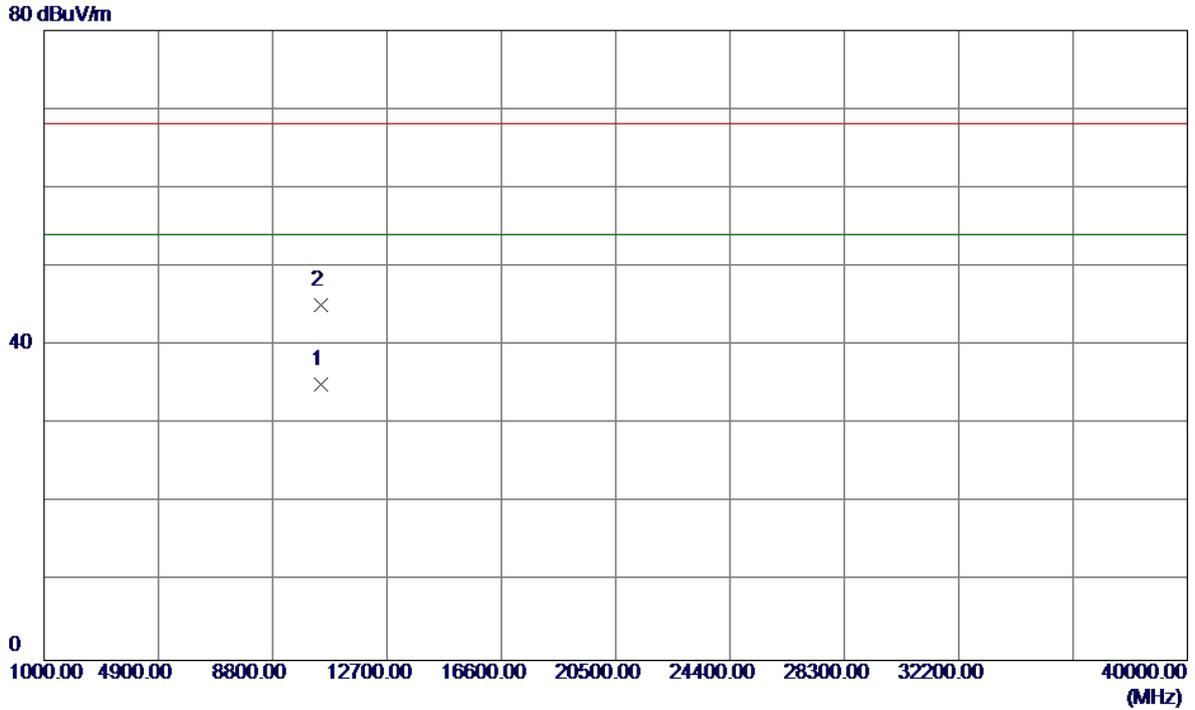
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5216.8000	65.53	40.85	106.38	68.20	38.18	Peak	NO LIMIT
2 *	5233.2000	56.03	40.90	96.93	54.00	42.93	AVG	NO LIMIT

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

Horizontal

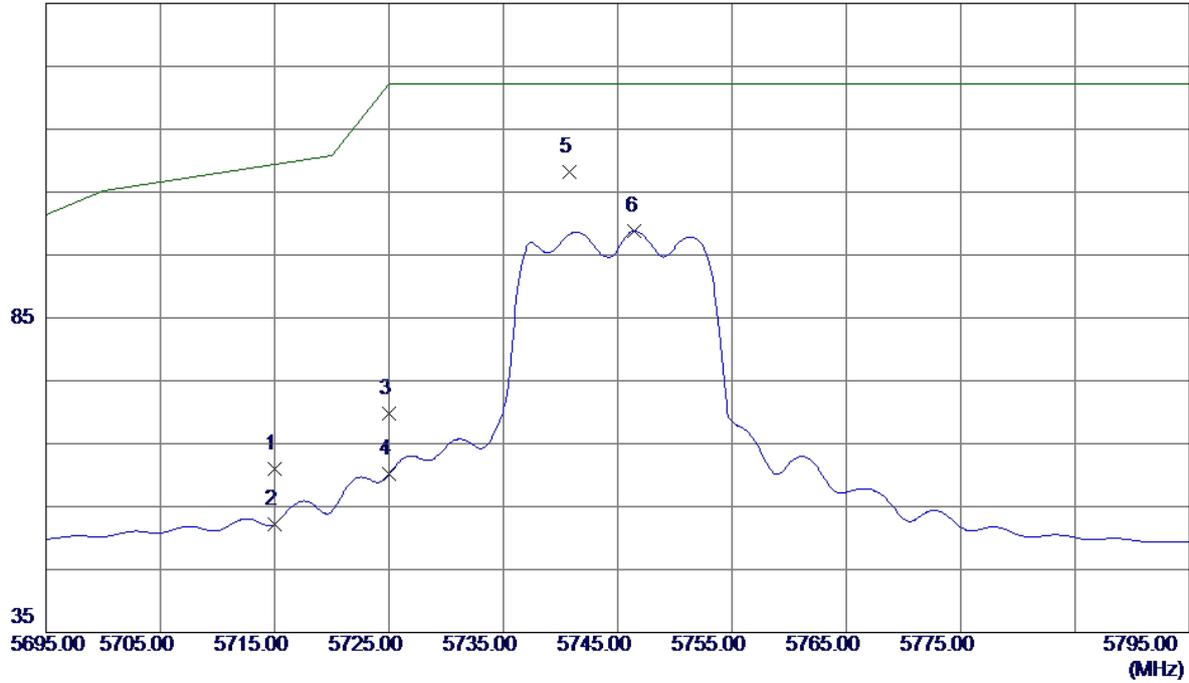


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10459.2000	19.86	15.19	35.05	54.00	-18.95	AVG	
2	10459.9500	29.87	15.20	45.07	68.20	-23.13	Peak	

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

Vertical

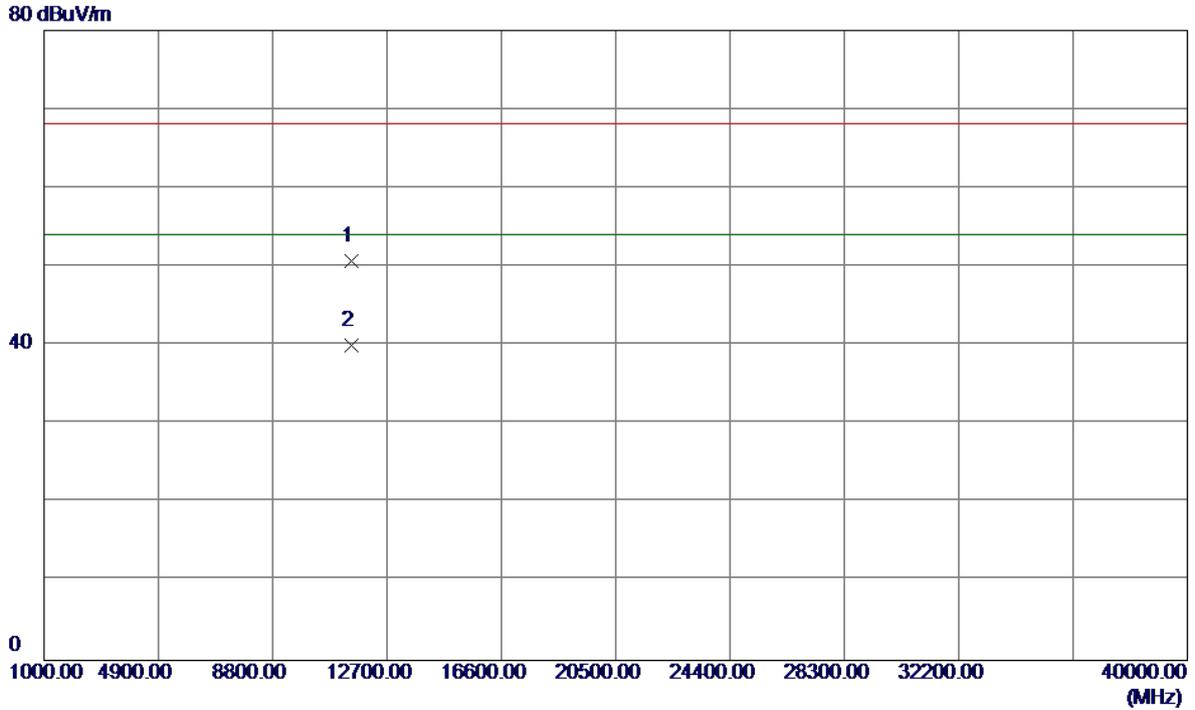
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	18.42	42.55	60.97	109.40	-48.43	Peak	
2	5715.0000	9.73	42.55	52.28	109.40	-57.12	AVG	
3	5725.0000	27.23	42.58	69.81	122.20	-52.39	Peak	
4	5725.0000	17.70	42.58	60.28	122.20	-61.92	AVG	
5 *	5740.7500	65.65	42.64	108.29	122.20	-13.91	Peak	
6	5746.5000	56.14	42.66	98.80	122.20	-23.40	AVG	

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

Vertical

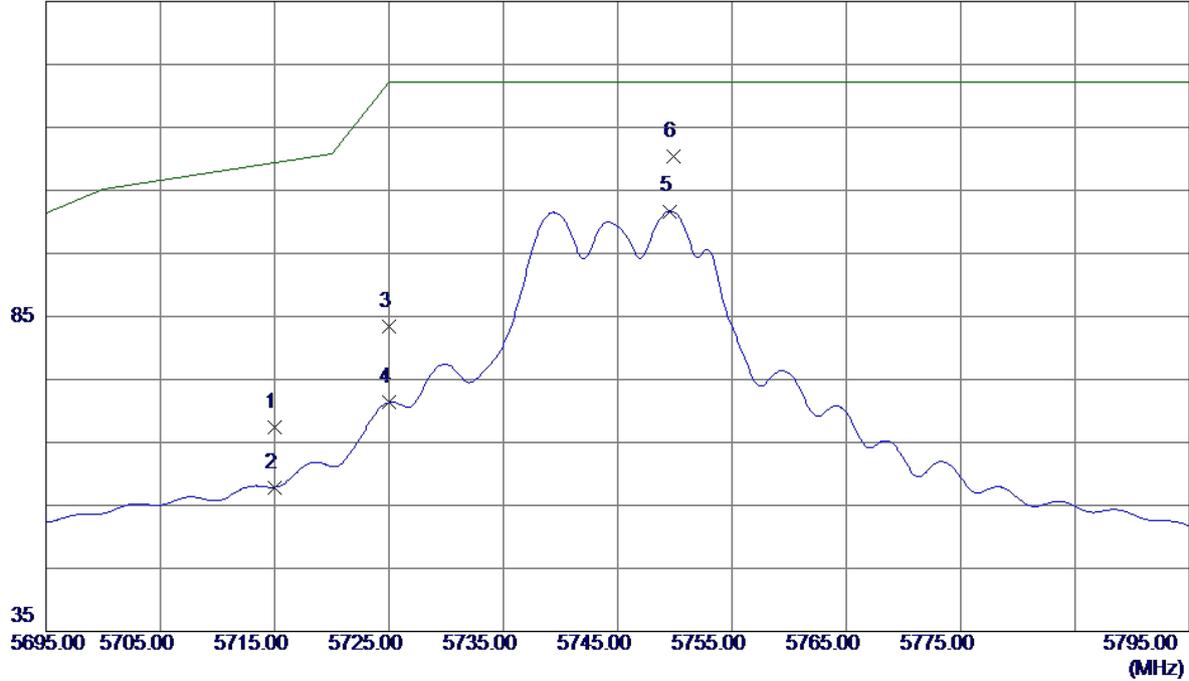


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11488.6500	35.22	15.49	50.71	68.20	-17.49	Peak	
2 *	11490.1000	24.45	15.49	39.94	54.00	-14.06	AVG	

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

Horizontal

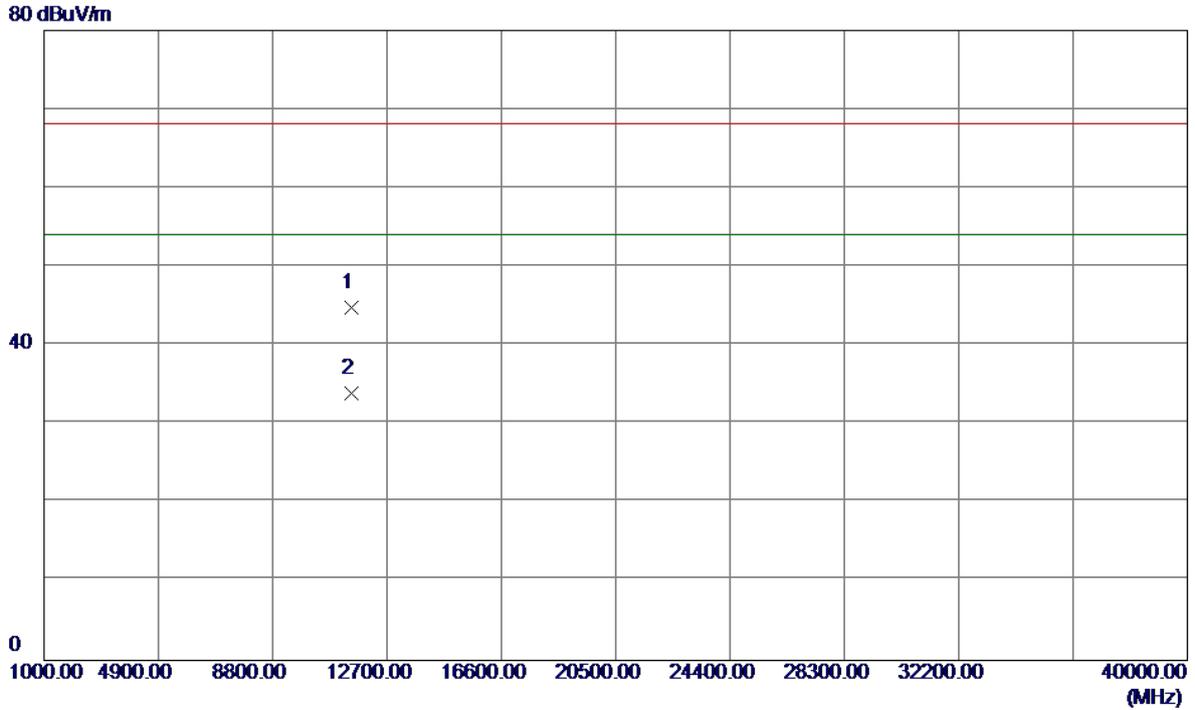
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	24.82	42.55	67.37	109.40	-42.03	Peak	
2	5715.0000	15.31	42.55	57.86	109.40	-51.54	AVG	
3	5725.0000	40.90	42.58	83.48	122.20	-38.72	Peak	
4	5725.0000	28.80	42.58	71.38	122.20	-50.82	AVG	
5	5749.6000	59.03	42.67	101.70	122.20	-20.50	AVG	
6 *	5749.8500	67.78	42.67	110.45	122.20	-11.75	Peak	

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

Horizontal

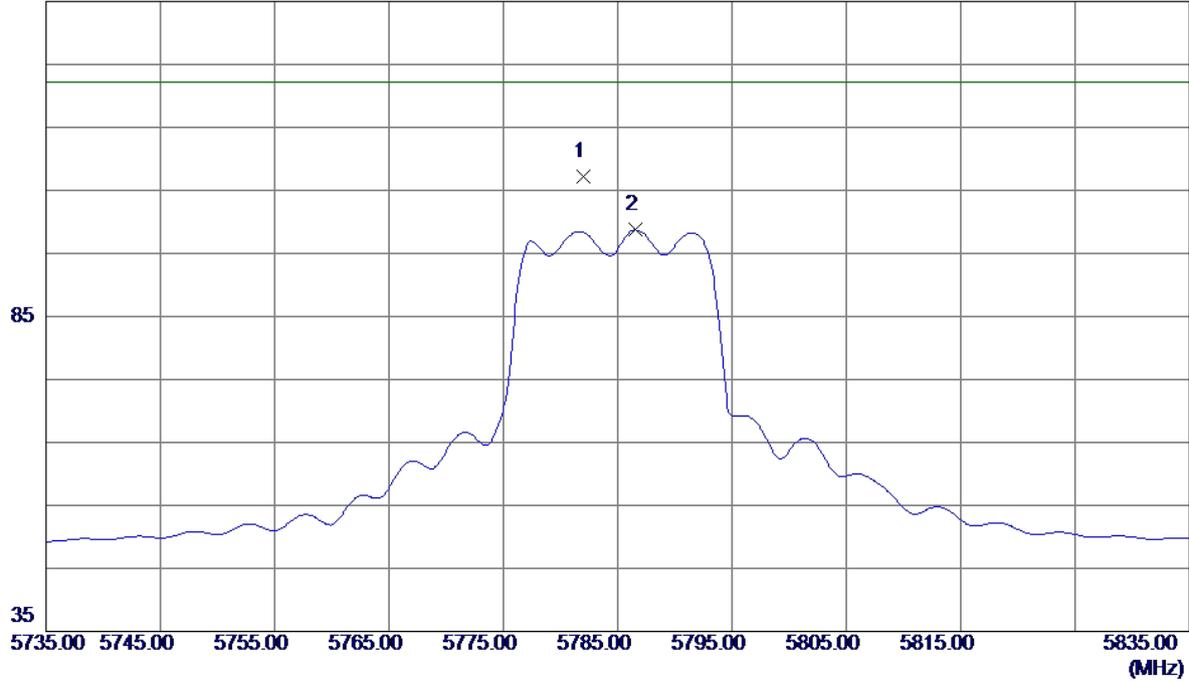


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.2800	29.29	15.49	44.78	68.20	-23.42	Peak	
2 *	11490.3700	18.46	15.49	33.95	54.00	-20.05	AVG	

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

Vertical

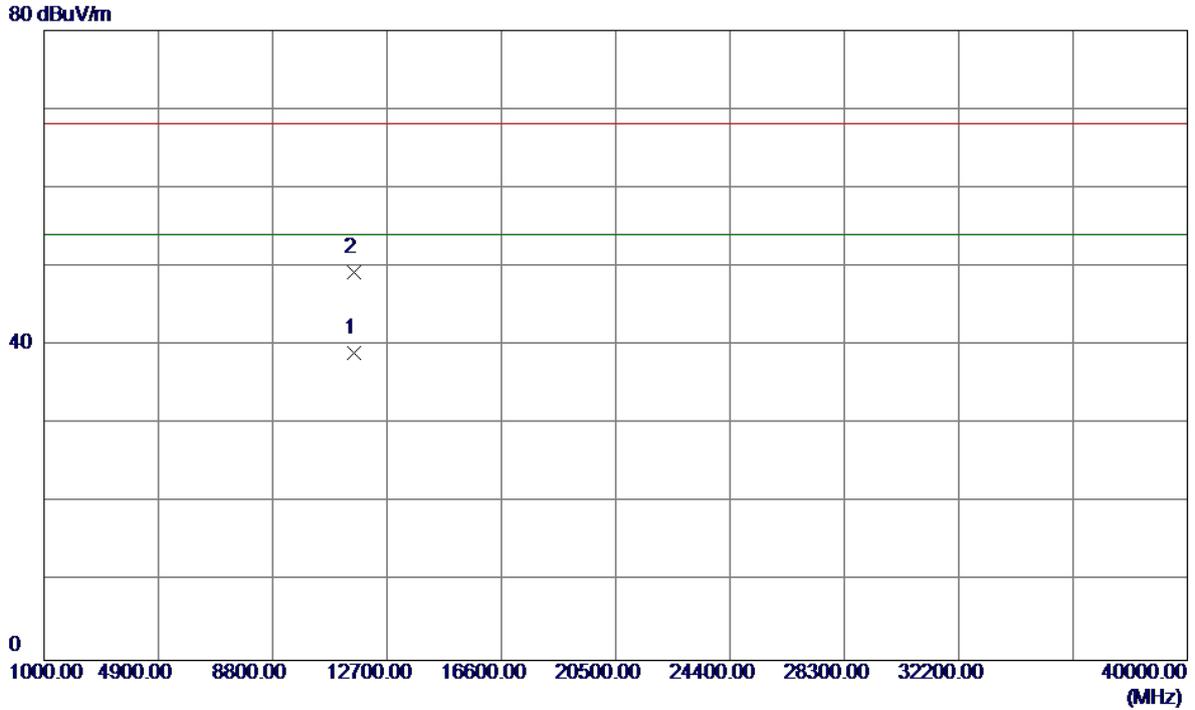
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5782.0000	64.33	42.78	107.11	122.20	-15.09	Peak	
2	5786.5500	55.93	42.80	98.73	122.20	-23.47	AVG	

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

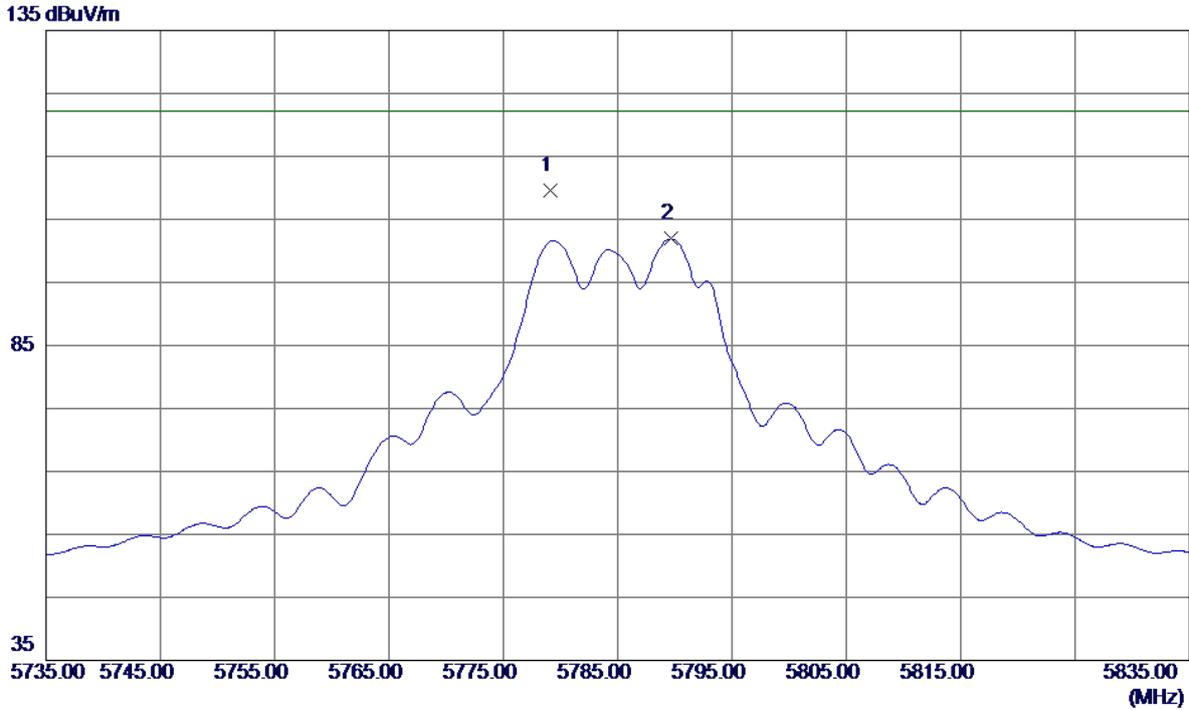
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11569.9500	23.51	15.48	38.99	54.00	-15.01	AVG	
2	11570.4000	33.85	15.48	49.33	68.20	-18.87	Peak	

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

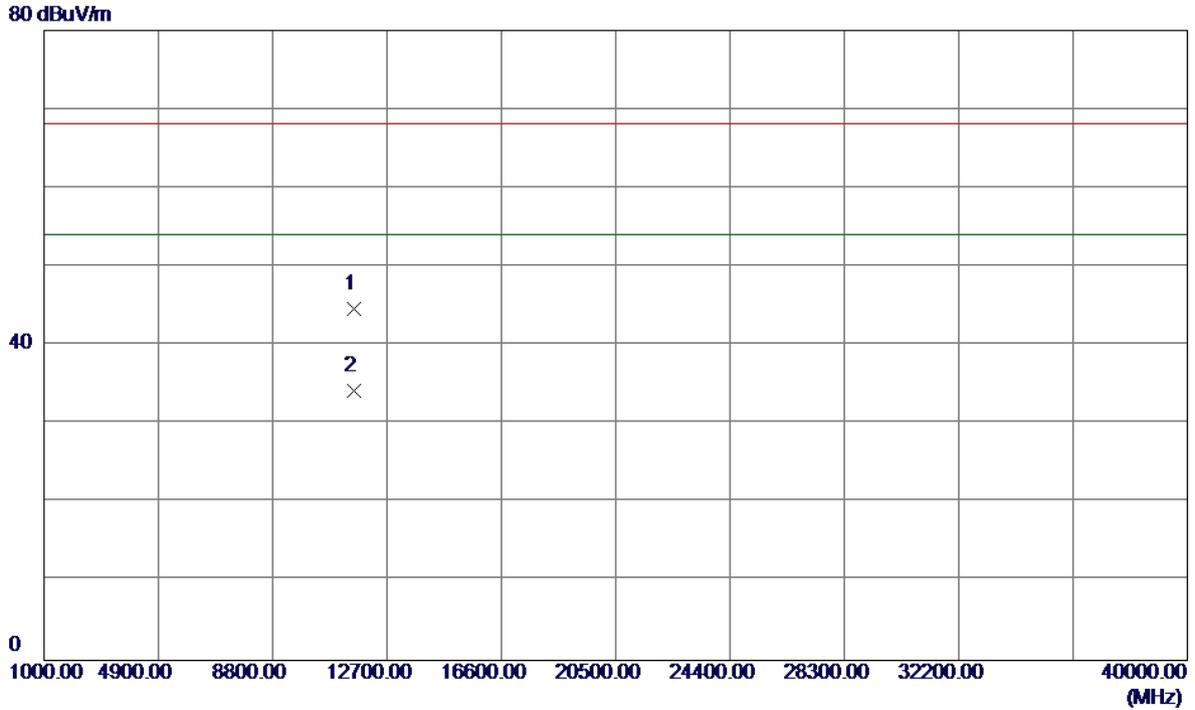
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5779.1000	66.86	42.77	109.63	122.20	-12.57	Peak	
2	5789.6500	59.11	42.81	101.92	122.20	-20.28	AVG	

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

Horizontal

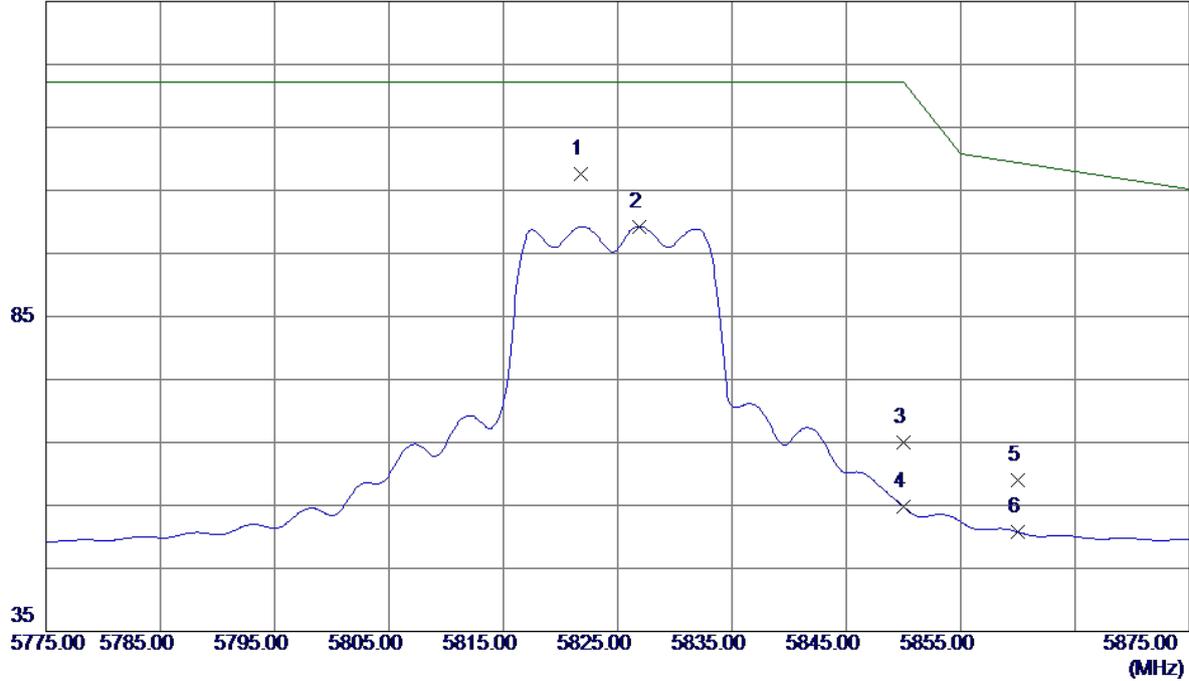


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11569.2300	29.19	15.48	44.67	68.20	-23.53	Peak	
2 *	11570.1600	18.76	15.48	34.24	54.00	-19.76	AVG	

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

Vertical

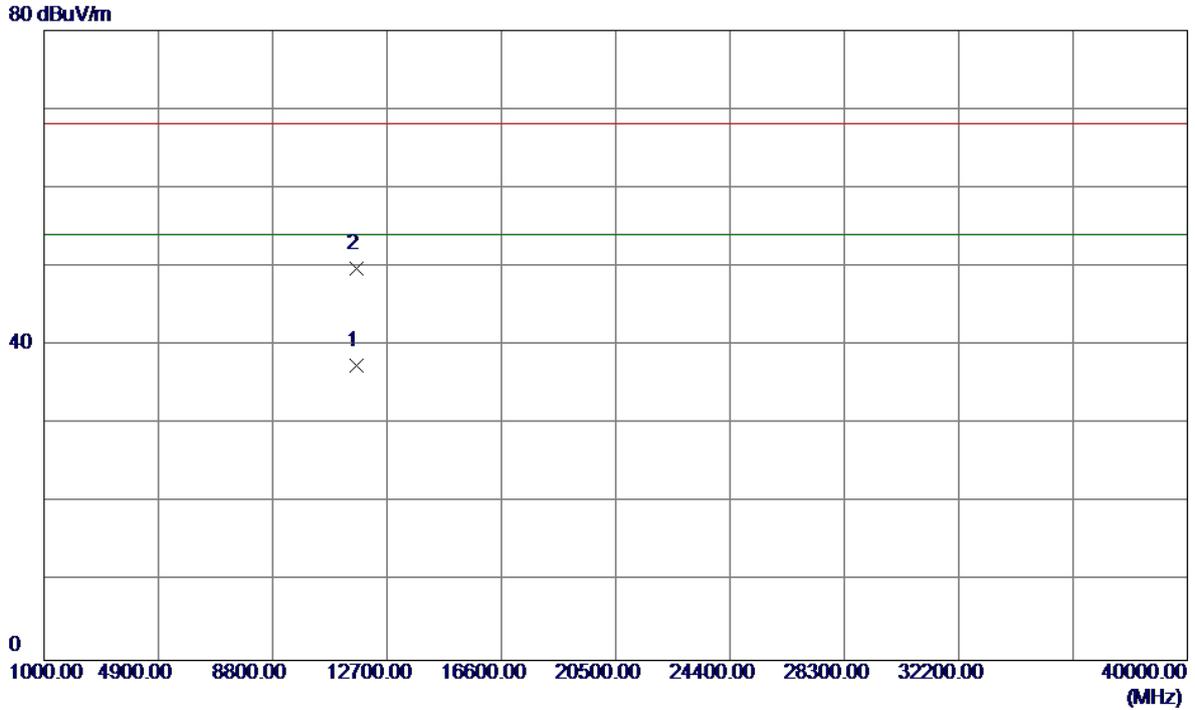
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5821.8000	64.69	42.93	107.62	122.20	-14.58	Peak	
2	5826.9000	56.33	42.94	99.27	122.20	-22.93	AVG	
3	5850.0000	21.93	43.03	64.96	122.20	-57.24	Peak	
4	5850.0000	11.75	43.03	54.78	122.20	-67.42	AVG	
5	5860.0000	15.87	43.06	58.93	109.40	-50.47	Peak	
6	5860.0000	7.72	43.06	50.78	109.40	-58.62	AVG	

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

Vertical

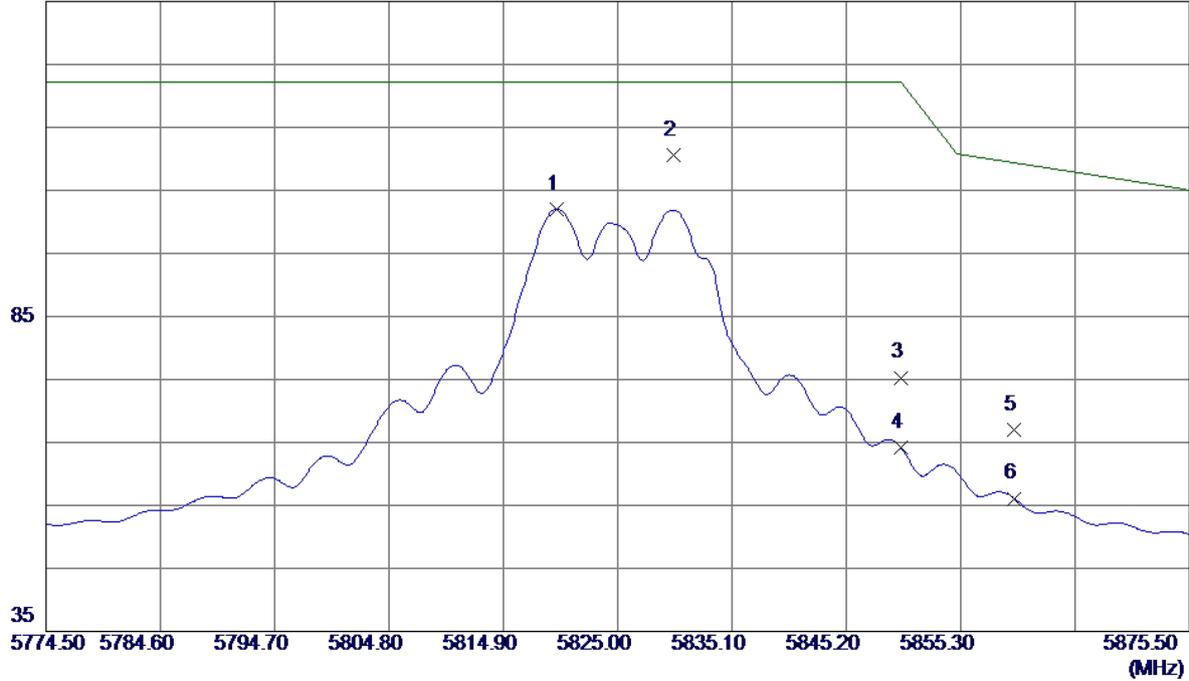


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11650.1500	21.91	15.48	37.39	54.00	-16.61	AVG	
2	11650.5500	34.30	15.48	49.78	68.20	-18.42	Peak	

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

Horizontal

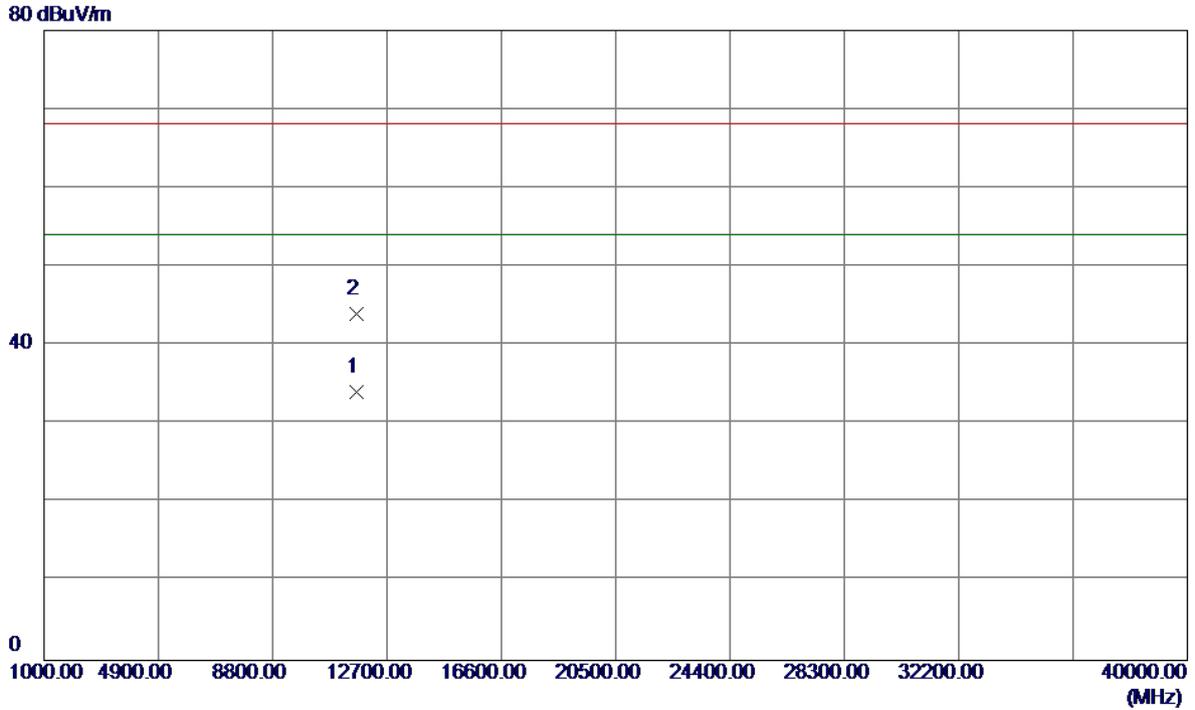
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5819.5960	59.10	42.92	102.02	122.20	-20.18	AVG	
2 *	5829.8990	67.58	42.95	110.53	122.20	-11.67	Peak	
3	5850.0000	32.27	43.03	75.30	122.20	-46.90	Peak	
4	5850.0000	21.08	43.03	64.11	122.20	-58.09	AVG	
5	5860.0000	24.03	43.06	67.09	109.40	-42.31	Peak	
6	5860.0000	13.04	43.06	56.10	109.40	-53.30	AVG	

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

Horizontal

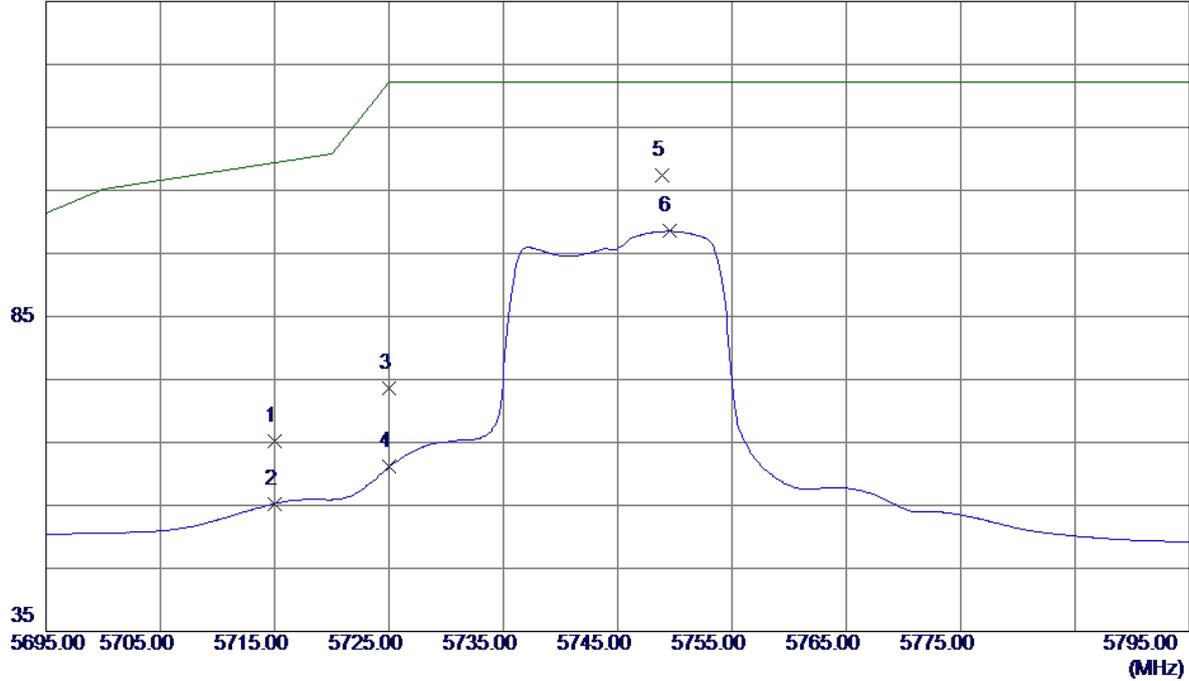


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11649.1700	18.56	15.48	34.04	54.00	-19.96	AVG	
2	11650.2200	28.47	15.48	43.95	68.20	-24.25	Peak	

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

Vertical

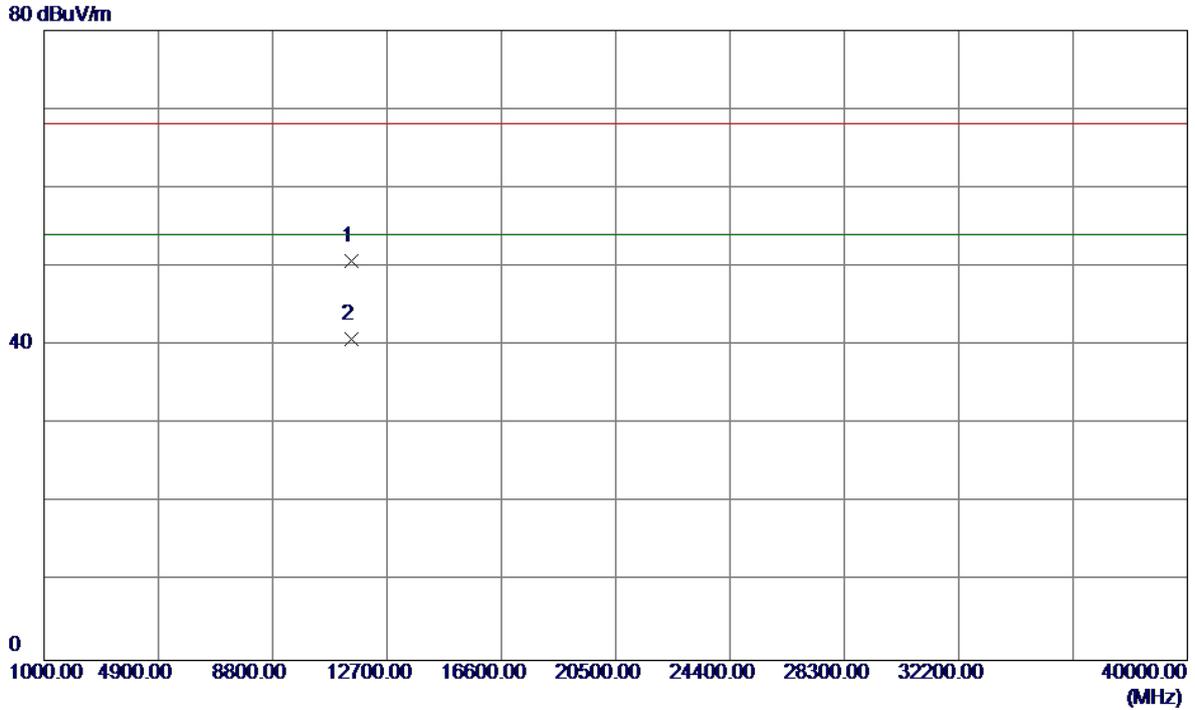
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	22.74	42.55	65.29	109.40	-44.11	Peak	
2	5715.0000	12.74	42.55	55.29	109.40	-54.11	AVG	
3	5725.0000	30.98	42.58	73.56	122.20	-48.64	Peak	
4	5725.0000	18.56	42.58	61.14	122.20	-61.06	AVG	
5 *	5748.9000	64.70	42.67	107.37	122.20	-14.83	Peak	
6	5749.5000	55.84	42.67	98.51	122.20	-23.69	AVG	

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

Vertical

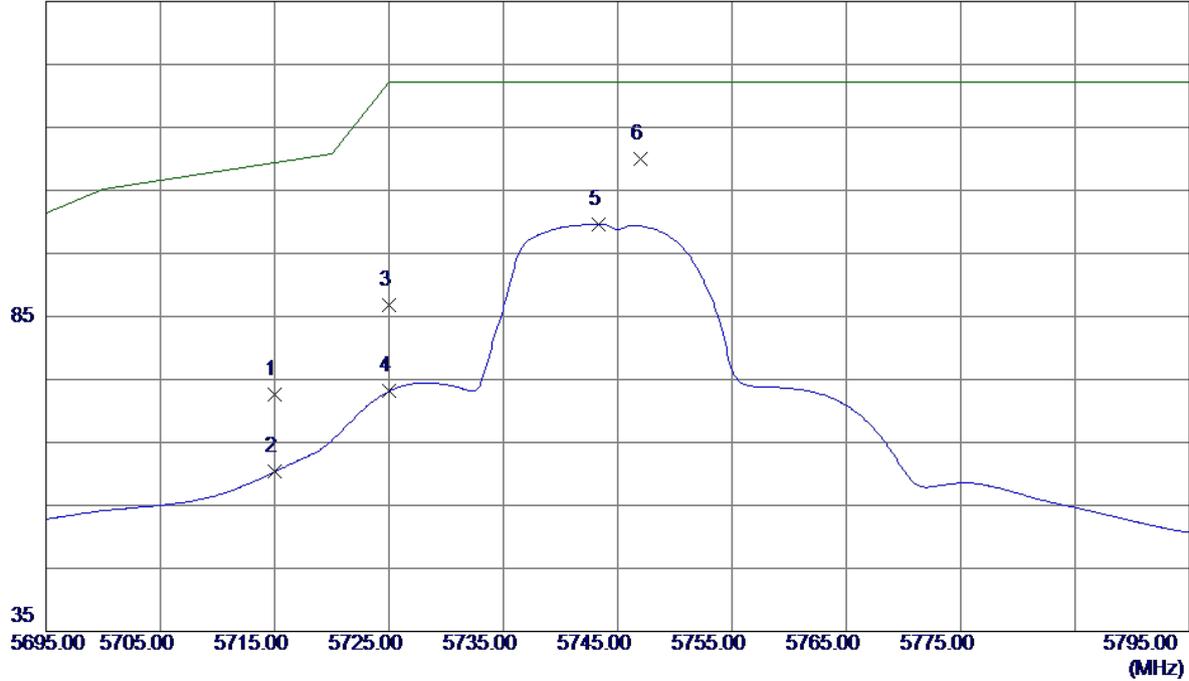


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.6000	35.31	15.49	50.80	68.20	-17.40	Peak	
2 *	11490.2400	25.36	15.49	40.85	54.00	-13.15	AVG	

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

Horizontal

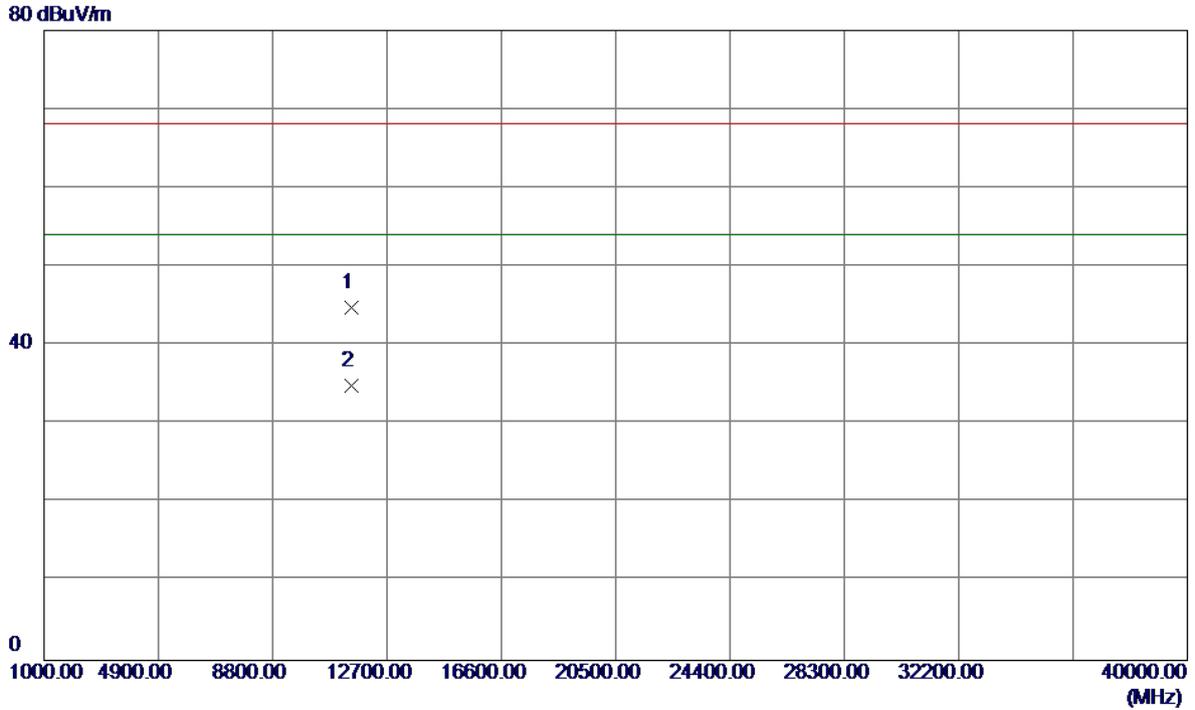
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	30.09	42.55	72.64	109.40	-36.76	Peak	
2	5715.0000	17.84	42.55	60.39	109.40	-49.01	AVG	
3	5725.0000	44.15	42.58	86.73	122.20	-35.47	Peak	
4	5725.0000	30.56	42.58	73.14	122.20	-49.06	AVG	
5	5743.3000	56.98	42.65	99.63	122.20	-22.57	AVG	
6 *	5746.9500	67.26	42.66	109.92	122.20	-12.28	Peak	

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

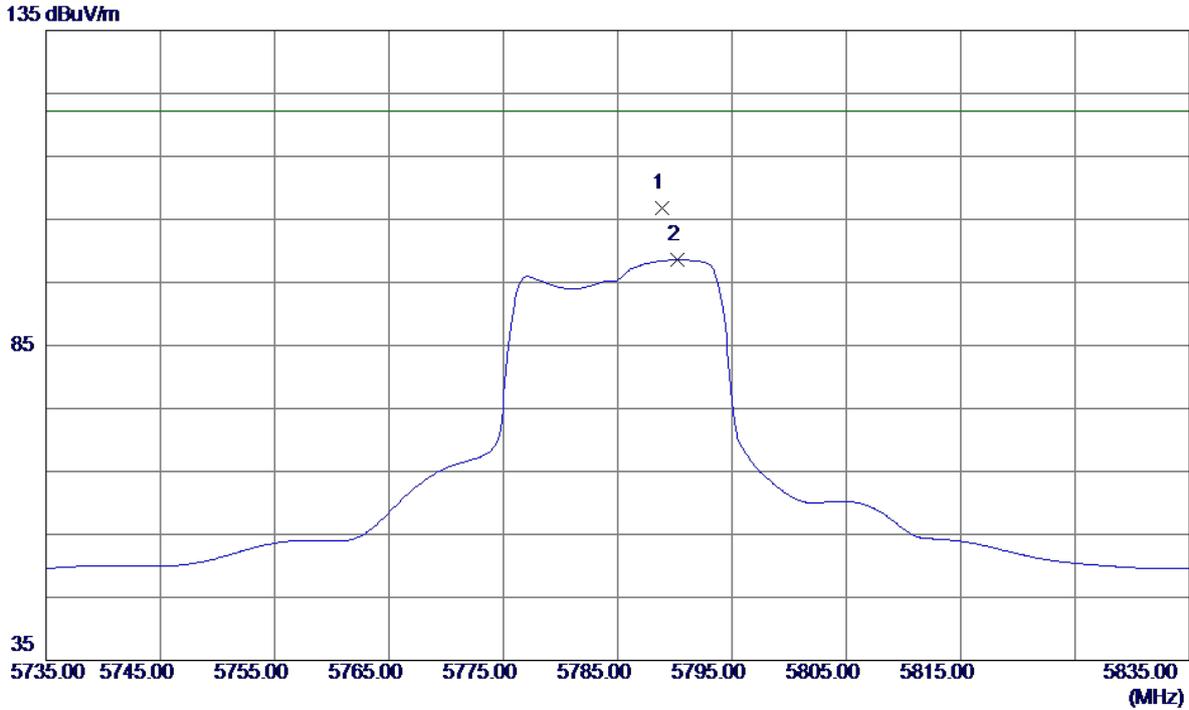
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.2600	29.36	15.49	44.85	68.20	-23.35	Peak	
2 *	11490.3200	19.40	15.49	34.89	54.00	-19.11	AVG	

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

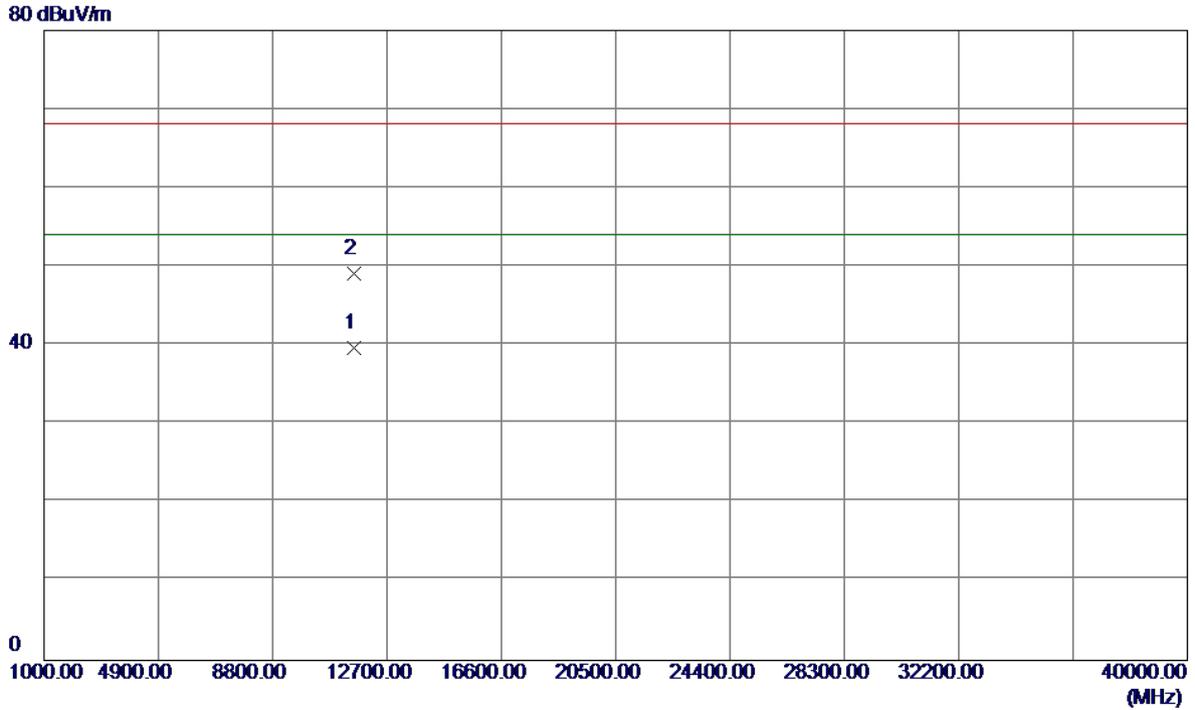
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5788.8500	64.02	42.81	106.83	122.20	-15.37	Peak	
2	5790.2500	55.77	42.81	98.58	122.20	-23.62	AVG	

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

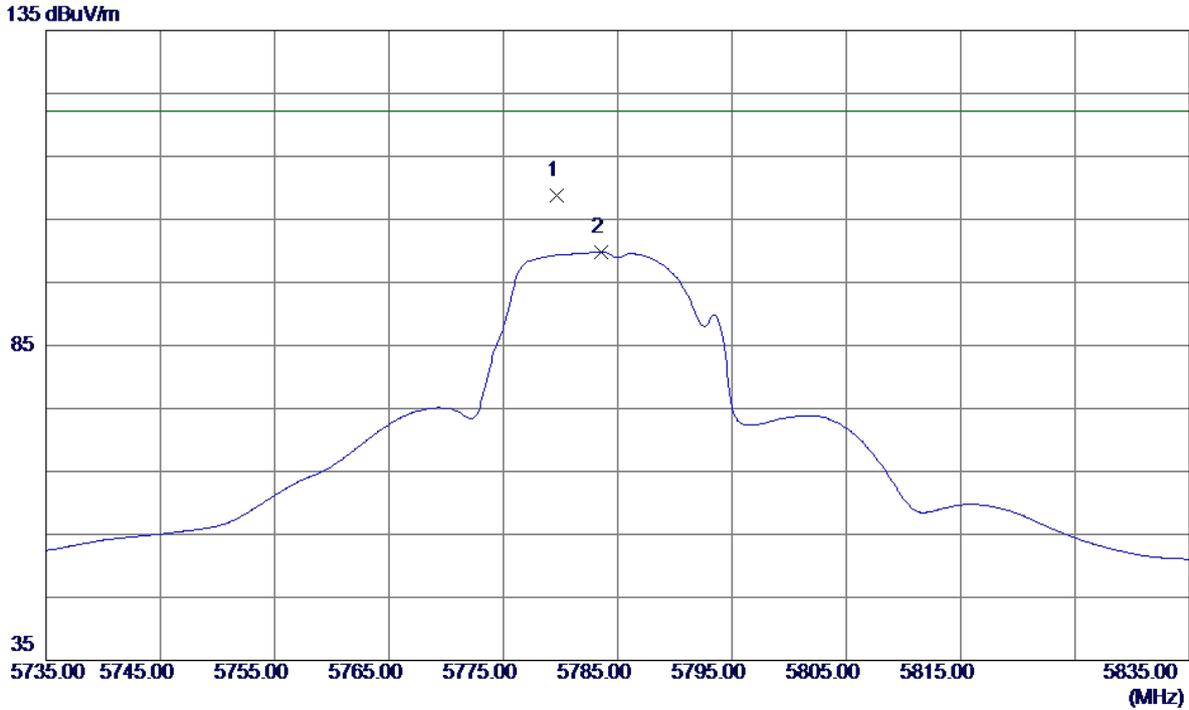
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11569.8500	24.18	15.48	39.66	54.00	-14.34	AVG	
2	11570.4200	33.57	15.48	49.05	68.20	-19.15	Peak	

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

Horizontal

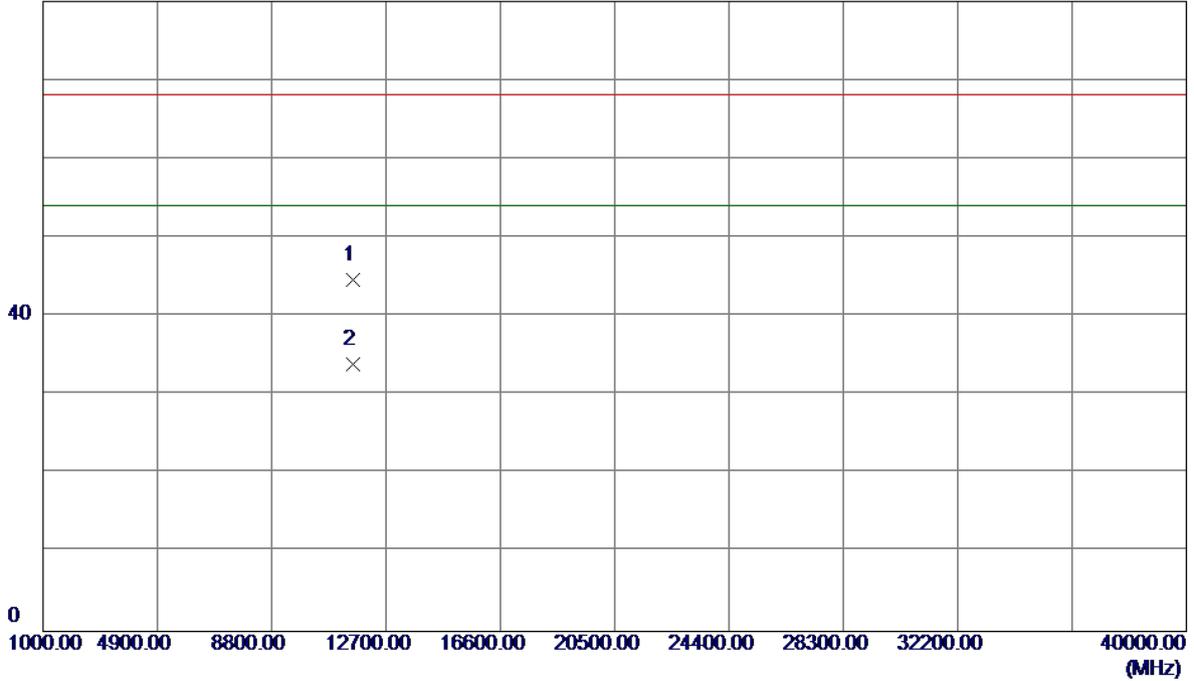


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5779.6500	66.04	42.78	108.82	122.20	-13.38	Peak	
2	5783.5500	56.99	42.79	99.78	122.20	-22.42	AVG	

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

Horizontal

80 dBuV/m

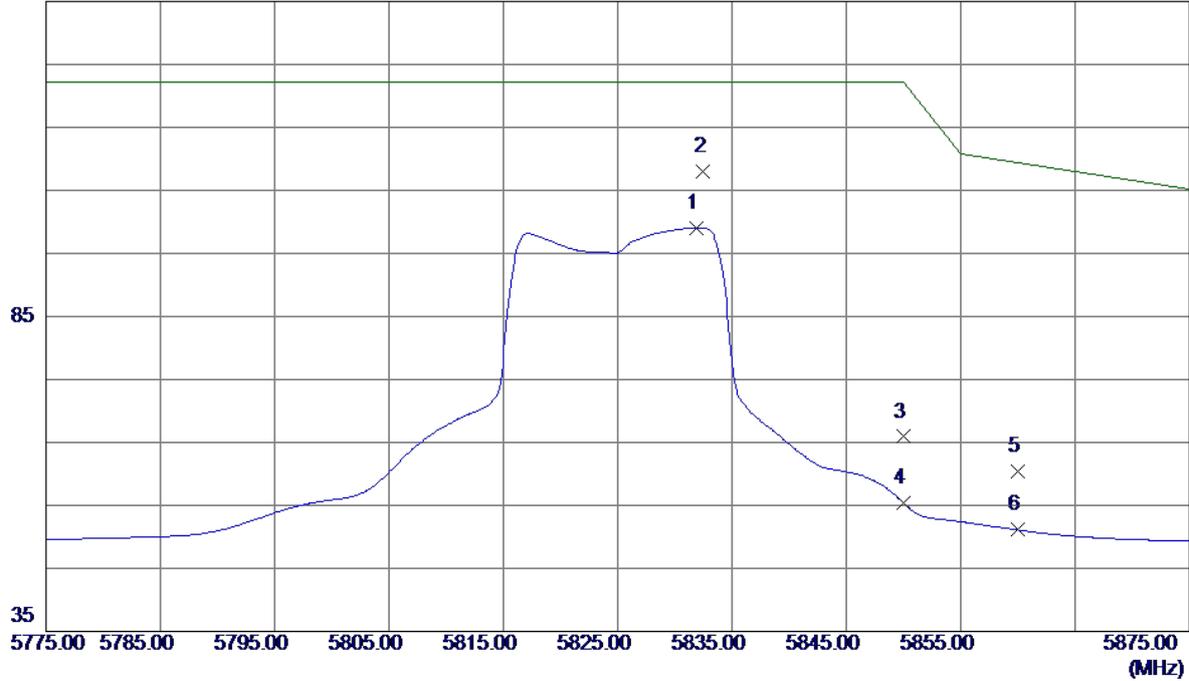


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11569.3400	29.18	15.48	44.66	68.20	-23.54	Peak	
2 *	11570.2600	18.37	15.48	33.85	54.00	-20.15	AVG	

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

Vertical

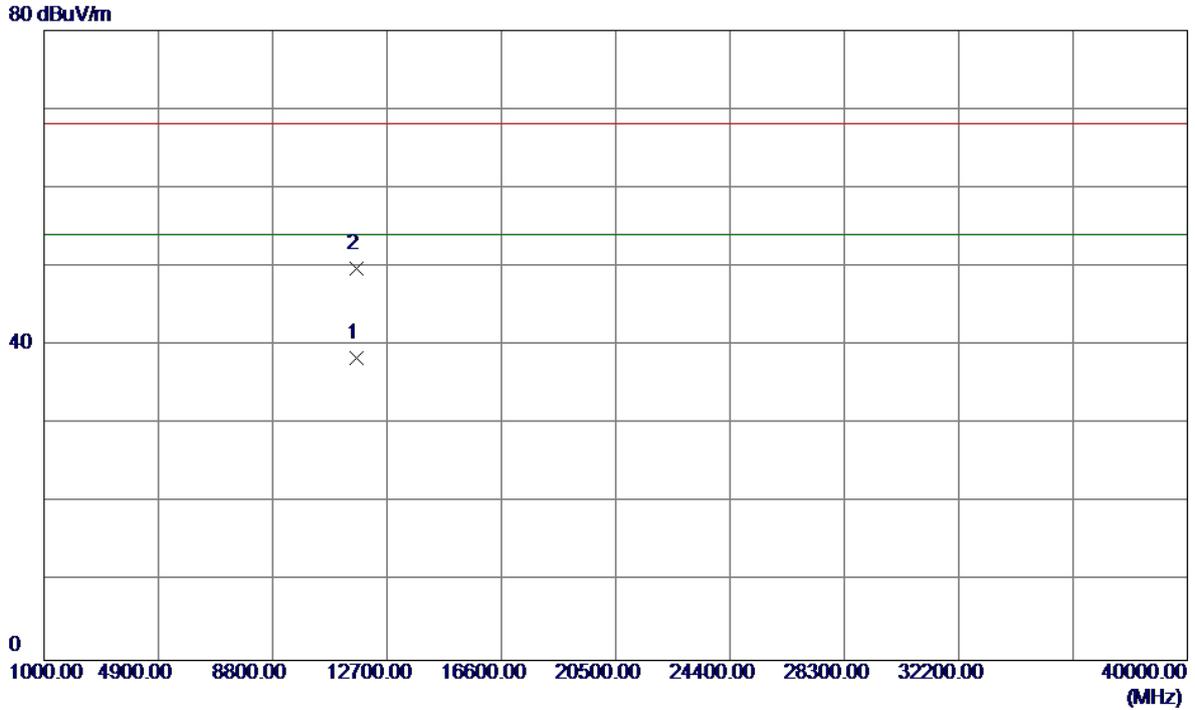
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5831.9000	56.06	42.96	99.02	122.20	-23.18	AVG	
2 *	5832.5000	64.95	42.96	107.91	122.20	-14.29	Peak	
3	5850.0000	22.87	43.03	65.90	122.20	-56.30	Peak	
4	5850.0000	12.38	43.03	55.41	122.20	-66.79	AVG	
5	5860.0000	17.38	43.06	60.44	109.40	-48.96	Peak	
6	5860.0000	8.05	43.06	51.11	109.40	-58.29	AVG	

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

Vertical

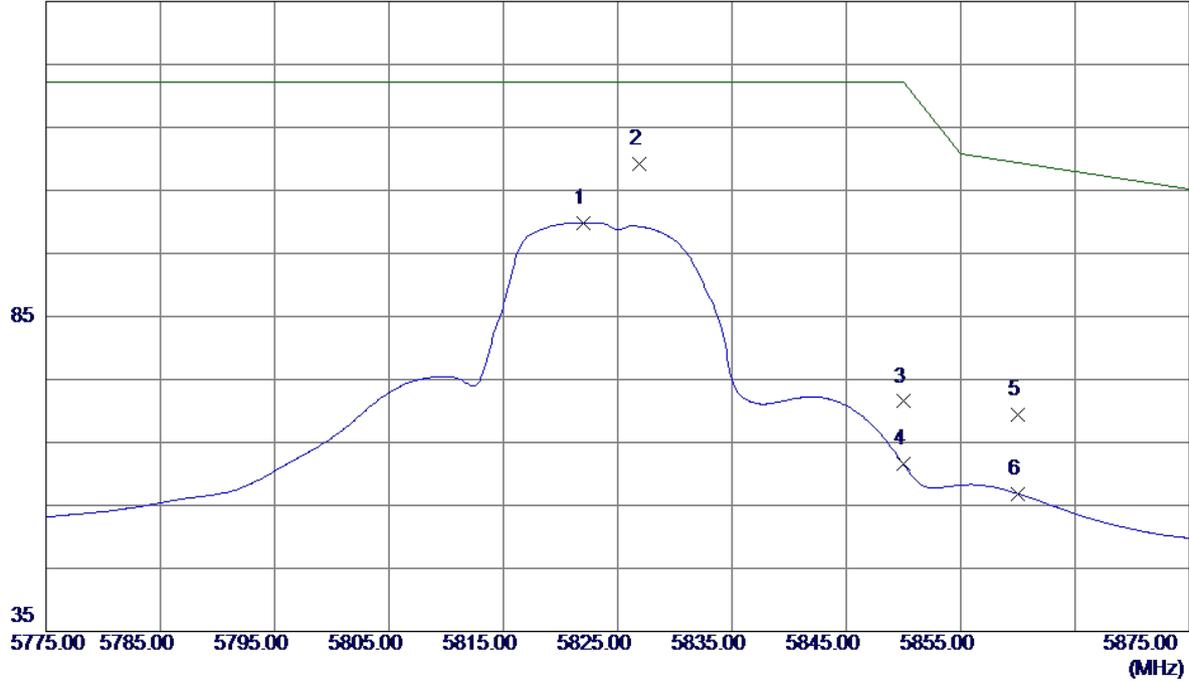


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11650.4800	22.87	15.48	38.35	54.00	-15.65	AVG	
2	11650.5199	34.29	15.48	49.77	68.20	-18.43	Peak	

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

Horizontal

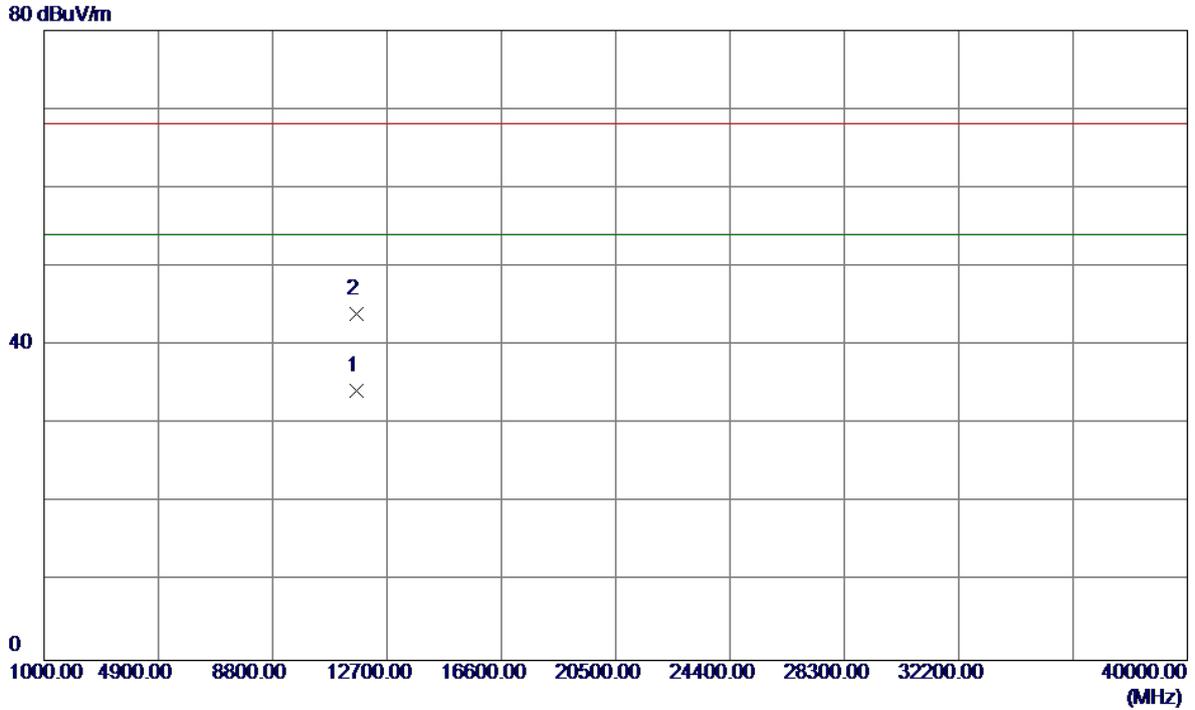
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5822.0000	56.93	42.93	99.86	122.20	-22.34	AVG	
2 *	5826.9000	66.17	42.94	109.11	122.20	-13.09	Peak	
3	5850.0000	28.47	43.03	71.50	122.20	-50.70	Peak	
4	5850.0000	18.49	43.03	61.52	122.20	-60.68	AVG	
5	5860.0000	26.30	43.06	69.36	109.40	-40.04	Peak	
6	5860.0000	13.80	43.06	56.86	109.40	-52.54	AVG	

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

Horizontal

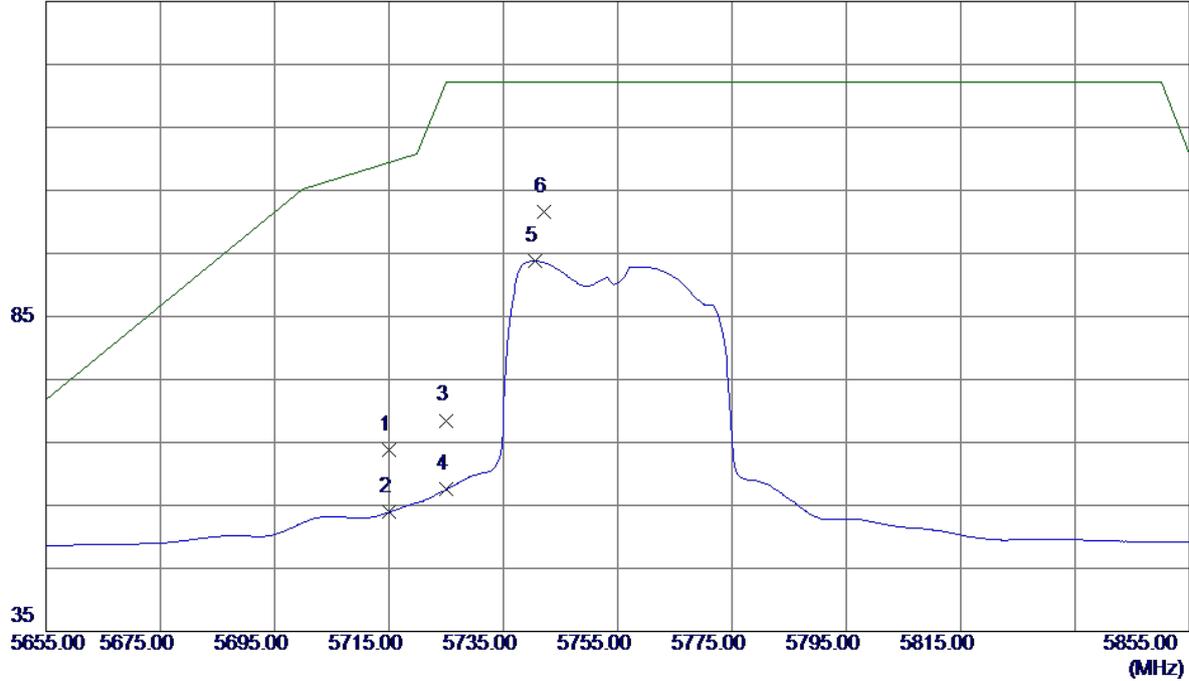


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11649.5700	18.73	15.48	34.21	54.00	-19.79	AVG	
2	11650.2600	28.50	15.48	43.98	68.20	-24.22	Peak	

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

Vertical

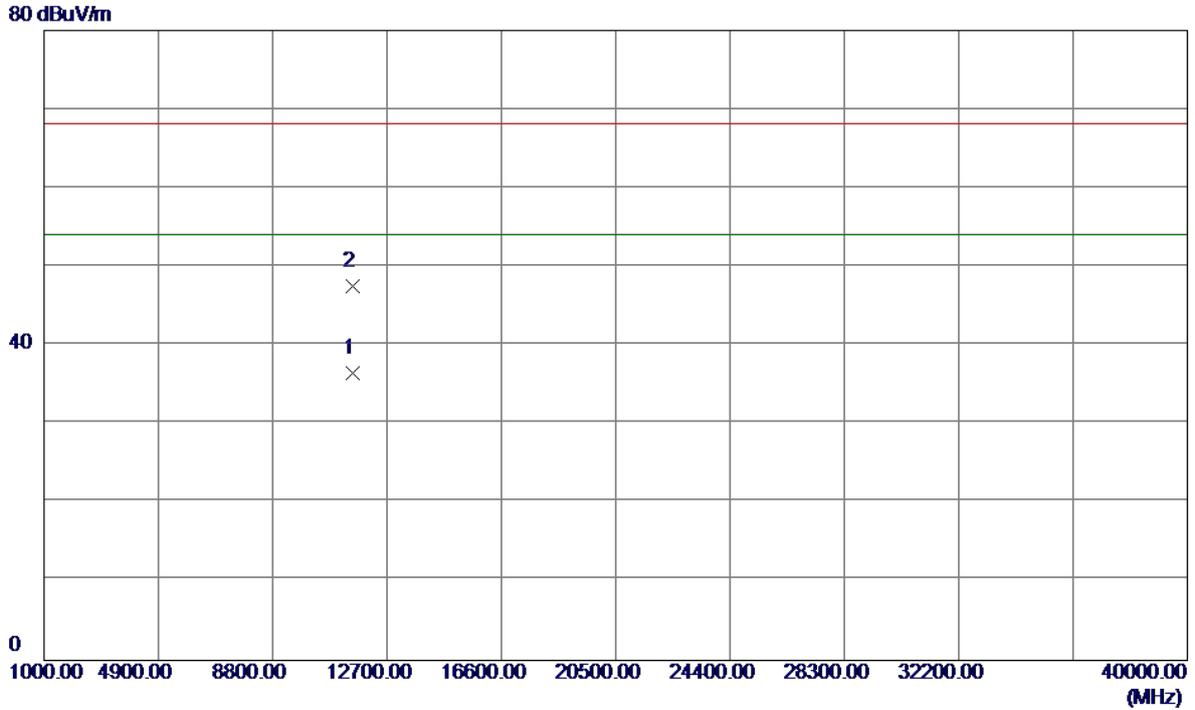
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	21.16	42.55	63.71	109.40	-45.69	Peak	
2	5715.0000	11.40	42.55	53.95	109.40	-55.45	AVG	
3	5725.0000	25.92	42.58	68.50	122.20	-53.70	Peak	
4	5725.0000	14.98	42.58	57.56	122.20	-64.64	AVG	
5	5740.5000	51.13	42.64	93.77	122.20	-28.43	AVG	
6 *	5742.2000	59.04	42.64	101.68	122.20	-20.52	Peak	

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

Vertical

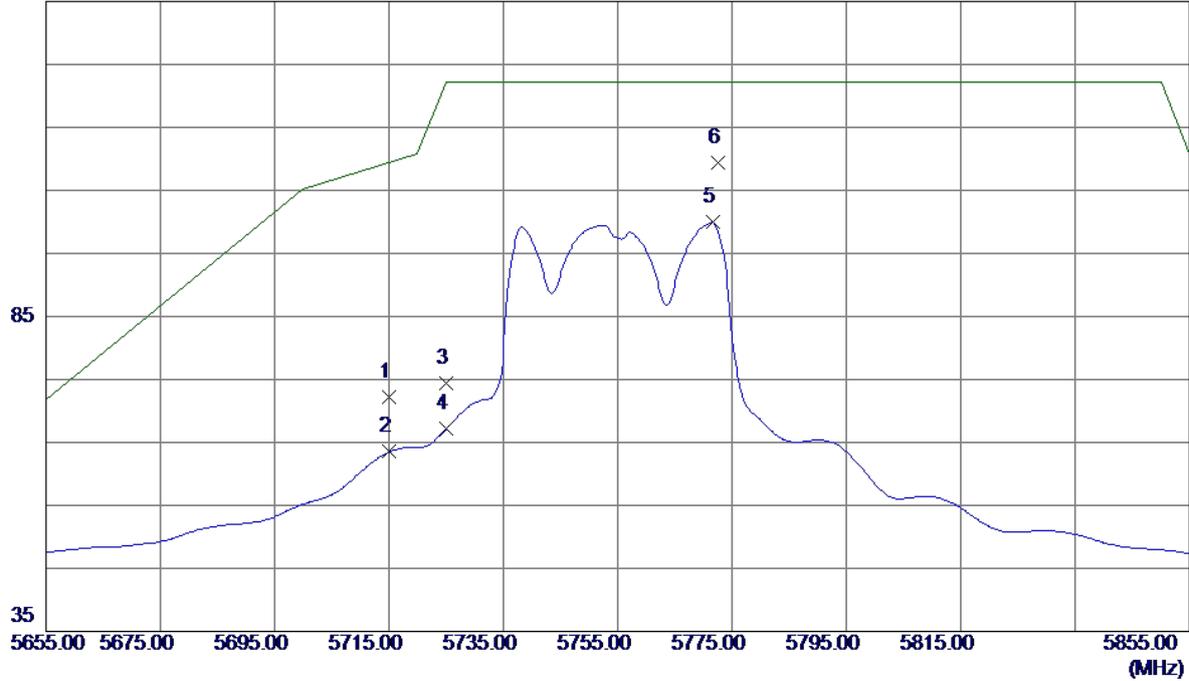


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11509.4500	21.06	15.48	36.54	54.00	-17.46	AVG	
2	11510.2000	31.97	15.48	47.45	68.20	-20.75	Peak	

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

Horizontal

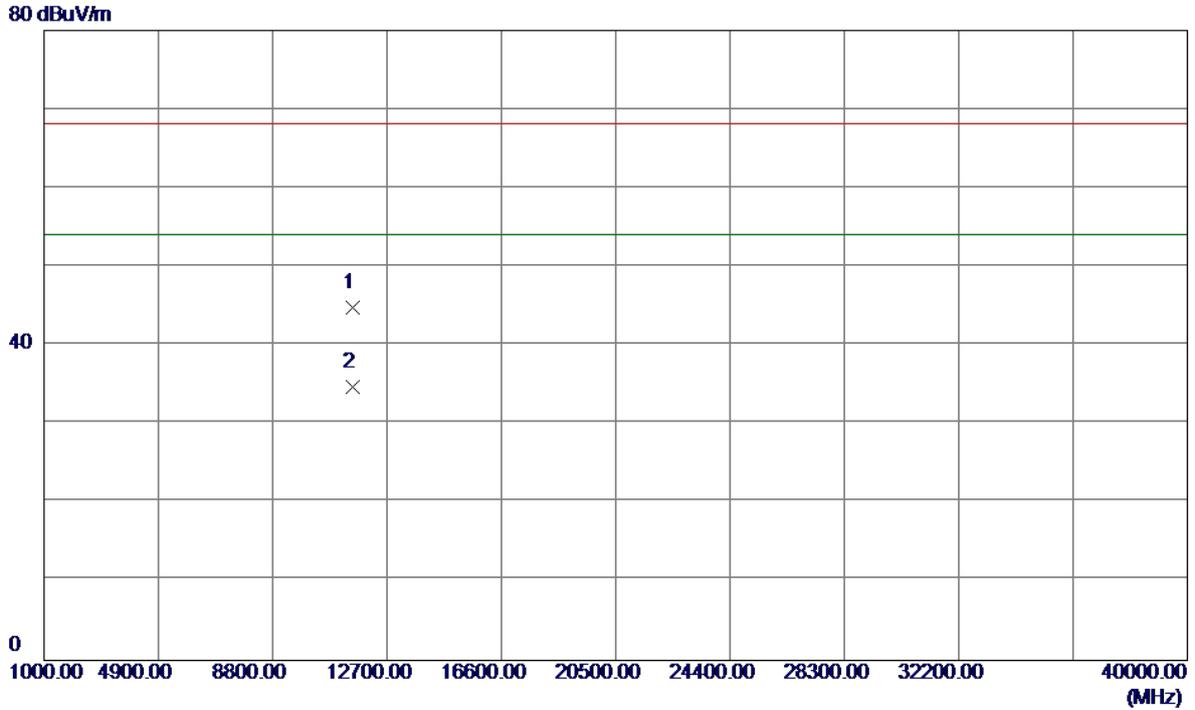
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	29.65	42.55	72.20	109.40	-37.20	Peak	
2	5715.0000	20.98	42.55	63.53	109.40	-45.87	AVG	
3	5725.0000	31.73	42.58	74.31	122.20	-47.89	Peak	
4	5725.0000	24.63	42.58	67.21	122.20	-54.99	AVG	
5	5771.6000	57.16	42.75	99.91	122.20	-22.29	AVG	
6 *	5772.5000	66.60	42.75	109.35	122.20	-12.85	Peak	

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

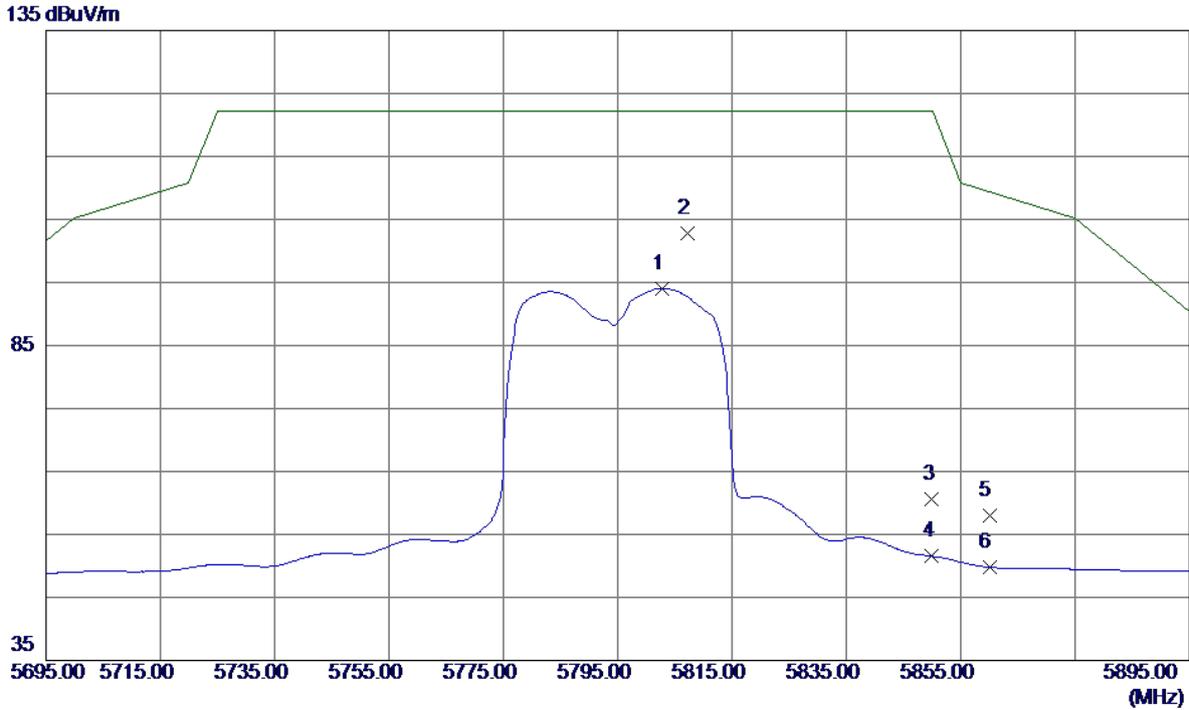
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.3500	29.39	15.48	44.87	68.20	-23.33	Peak	
2 *	11510.4500	19.29	15.48	34.77	54.00	-19.23	AVG	

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

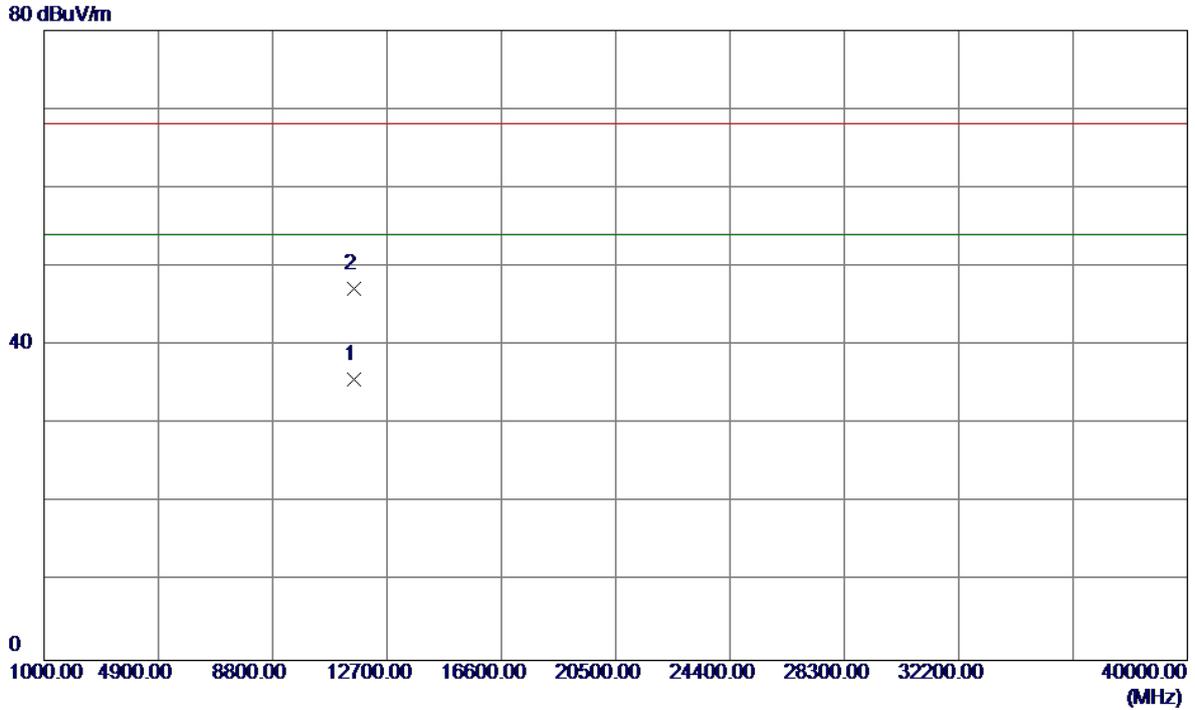
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5802.8000	51.23	42.86	94.09	122.20	-28.11	AVG	
2 *	5807.3000	59.94	42.87	102.81	122.20	-19.39	Peak	
3	5850.0000	17.58	43.03	60.61	122.20	-61.59	Peak	
4	5850.0000	8.53	43.03	51.56	122.20	-70.64	AVG	
5	5860.0000	14.85	43.06	57.91	109.40	-51.49	Peak	
6	5860.0000	6.74	43.06	49.80	109.40	-59.60	AVG	

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

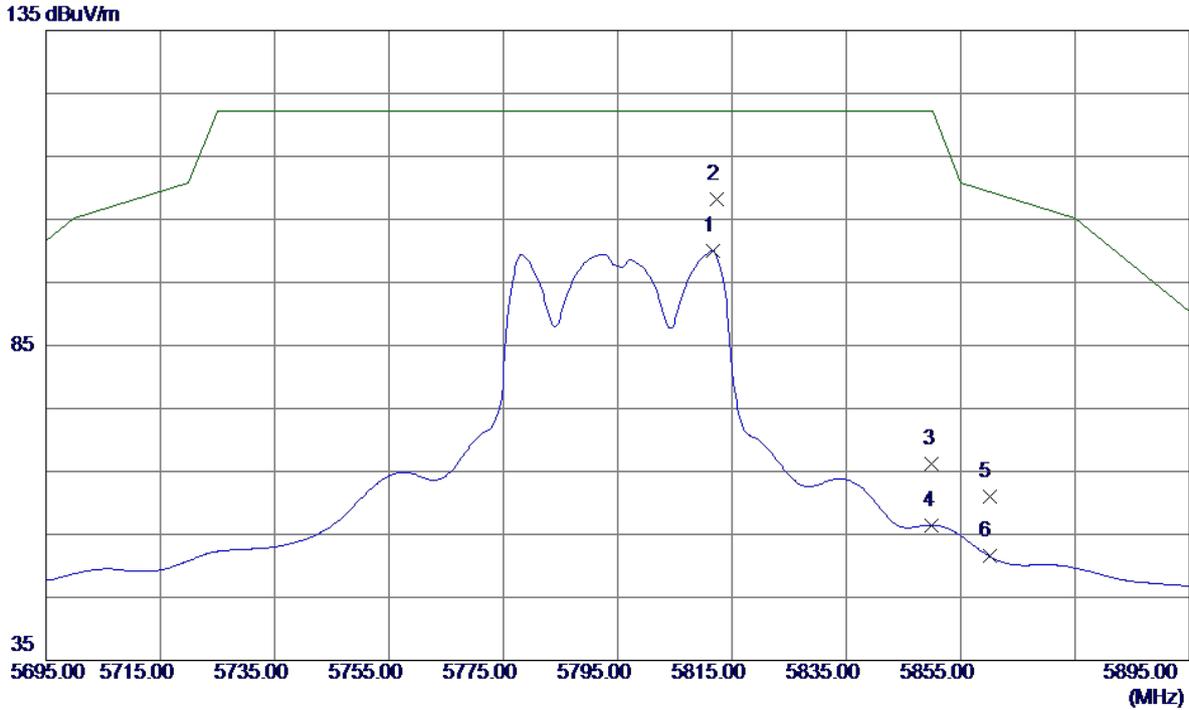
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11590.0000	20.25	15.48	35.73	54.00	-18.27	AVG	
2	11591.6500	31.78	15.48	47.26	68.20	-20.94	Peak	

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

Horizontal

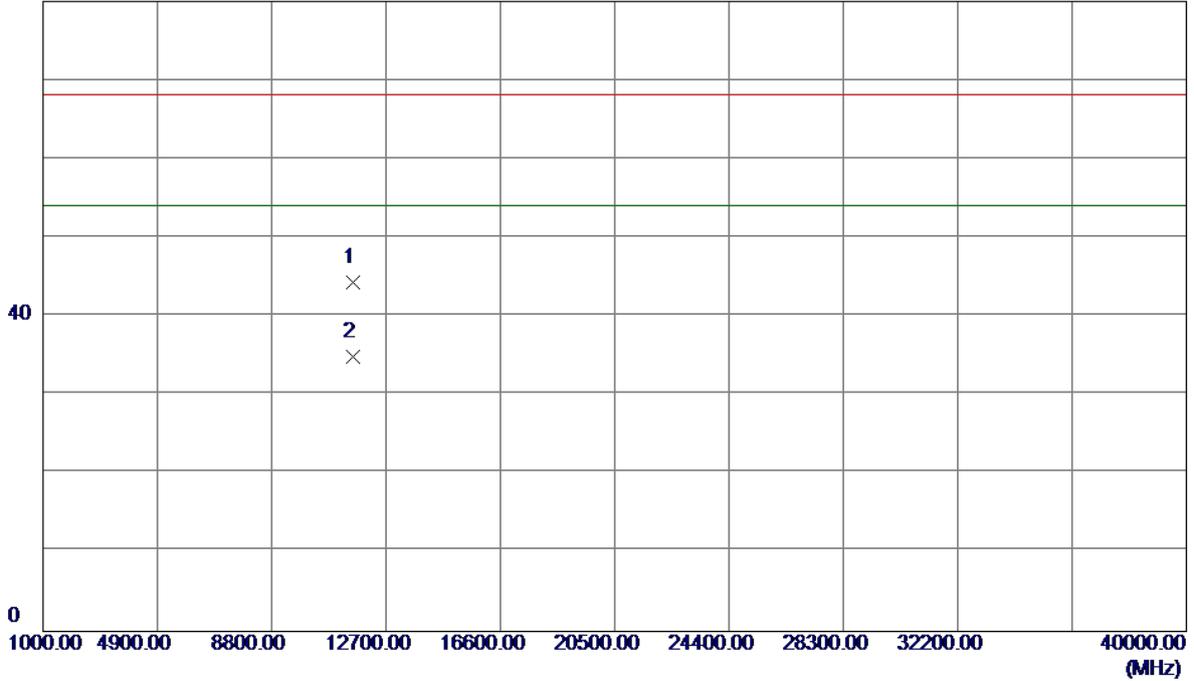


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5811.6000	57.08	42.89	99.97	122.20	-22.23	AVG	
2 *	5812.4000	65.38	42.89	108.27	122.20	-13.93	Peak	
3	5850.0000	23.24	43.03	66.27	122.20	-55.93	Peak	
4	5850.0000	13.43	43.03	56.46	122.20	-65.74	AVG	
5	5860.0000	17.94	43.06	61.00	109.40	-48.40	Peak	
6	5860.0000	8.48	43.06	51.54	109.40	-57.86	AVG	

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

Horizontal

80 dBuV/m

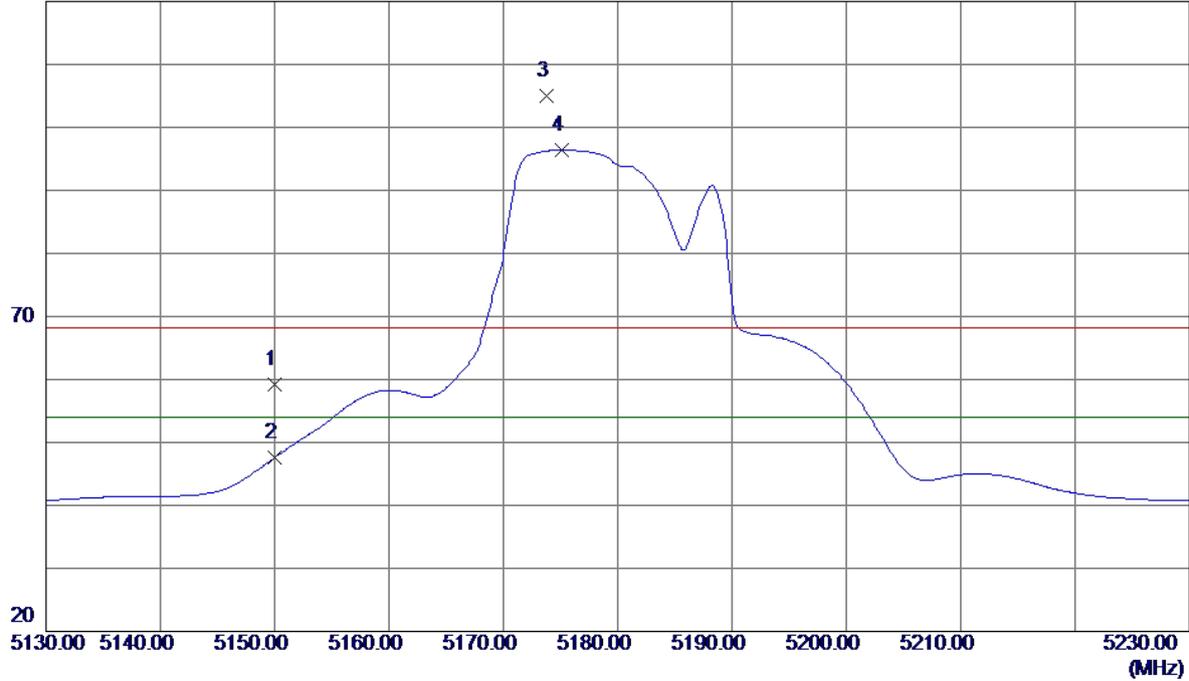


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.4000	28.84	15.48	44.32	68.20	-23.88	Peak	
2 *	11590.4000	19.45	15.48	34.93	54.00	-19.07	AVG	

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

Vertical

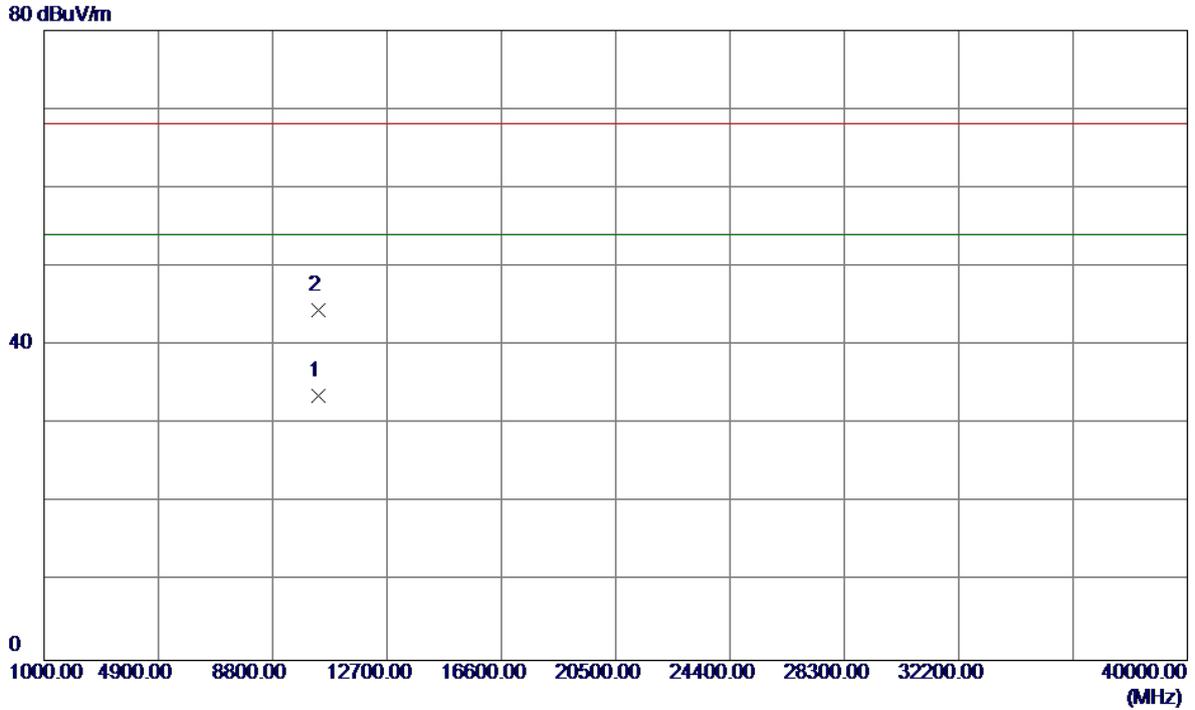
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	18.60	40.62	59.22	68.20	-8.98	Peak	
2	5150.0000	7.03	40.62	47.65	54.00	-6.35	AVG	
3	5173.7500	64.26	40.70	104.96	68.20	36.76	Peak	NO LIMIT
4 *	5175.1500	55.71	40.71	96.42	54.00	42.42	AVG	NO LIMIT

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

Vertical

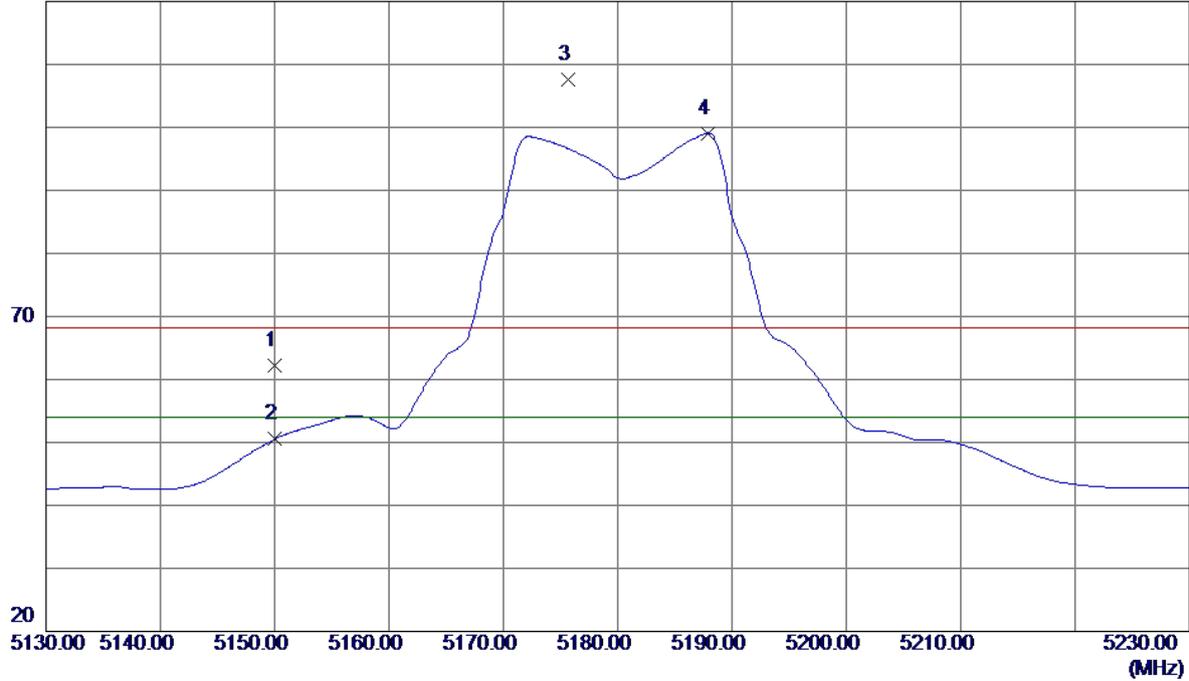


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10359.1900	18.63	14.96	33.59	54.00	-20.41	AVG	
2	10359.3600	29.48	14.96	44.44	68.20	-23.76	Peak	

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

Horizontal

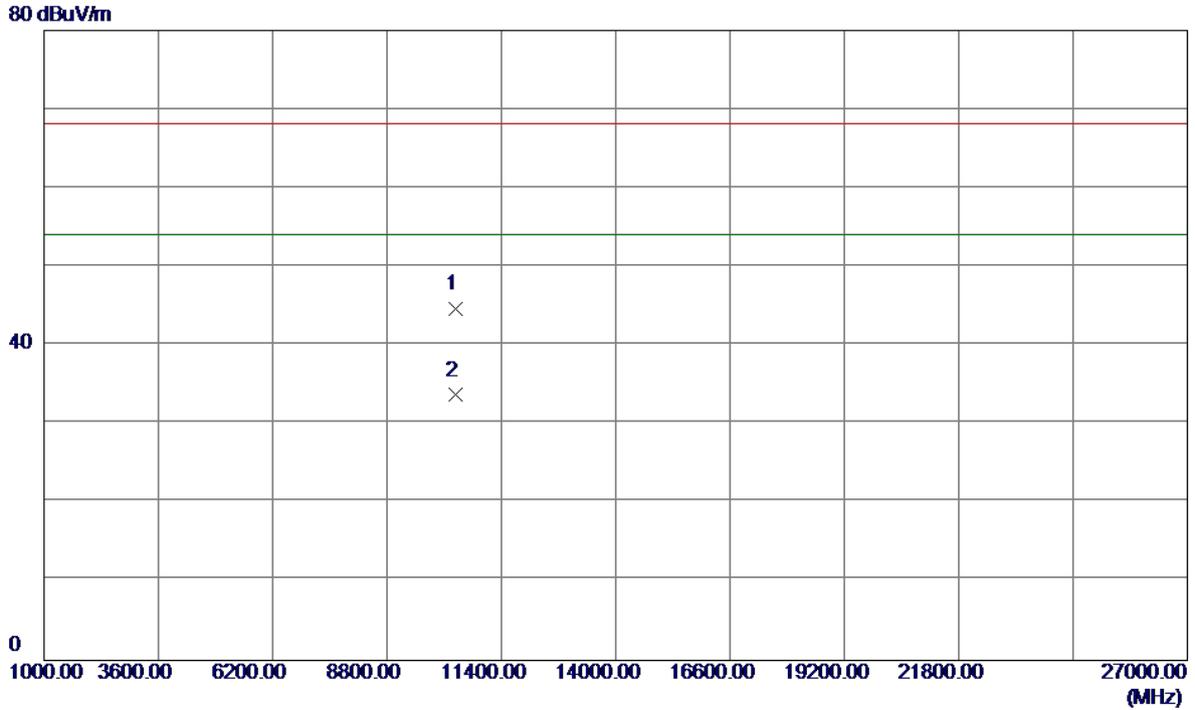
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	21.63	40.62	62.25	68.20	-5.95	Peak	
2	5150.0000	9.94	40.62	50.56	54.00	-3.44	AVG	
3	5175.7000	66.88	40.71	107.59	68.20	39.39	Peak	NO LIMIT
4 *	5187.9000	58.35	40.75	99.10	54.00	45.10	AVG	NO LIMIT

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

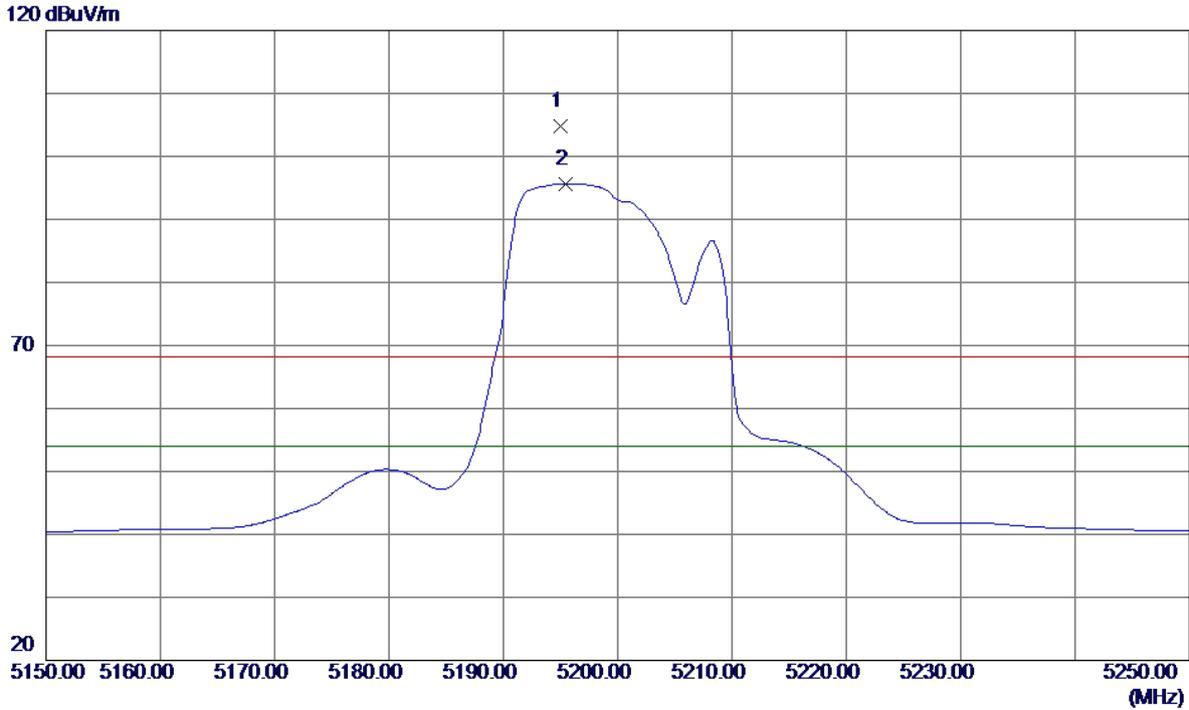
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10360.3140	29.63	14.96	44.59	68.20	-23.61	Peak	
2 *	10360.4250	18.72	14.96	33.68	54.00	-20.32	AVG	

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

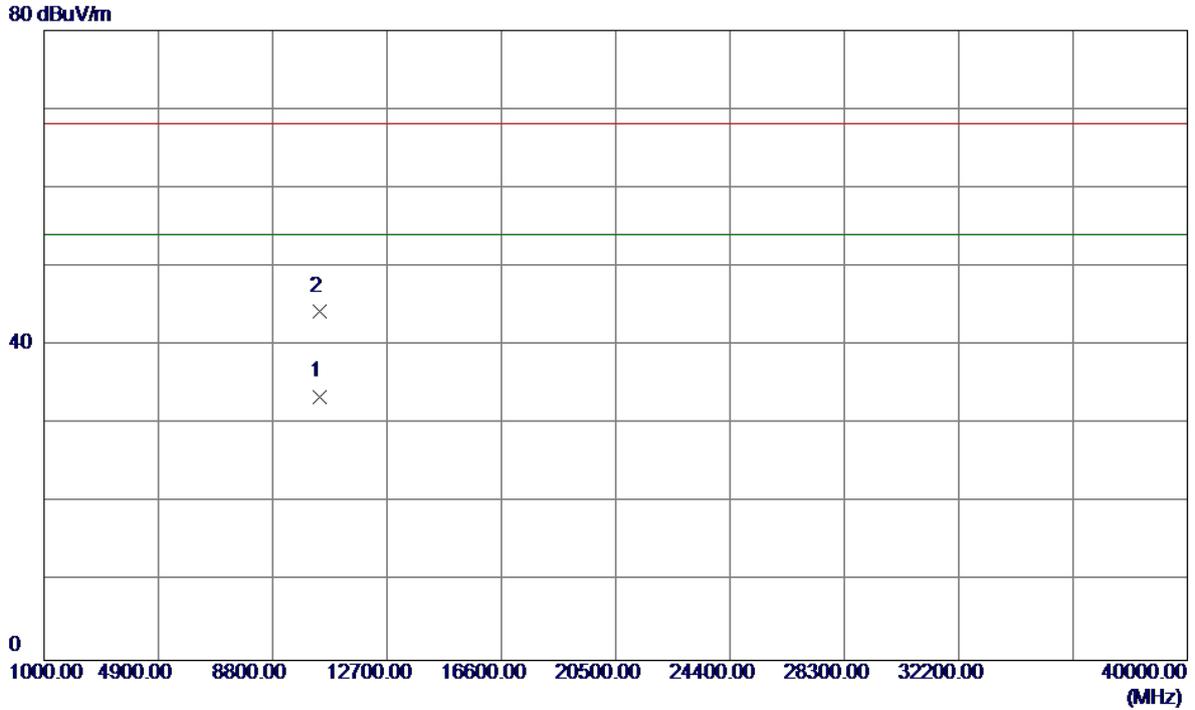
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5195.0500	64.00	40.77	104.77	68.20	36.57	Peak	NO LIMIT
2 *	5195.4500	54.88	40.77	95.65	54.00	41.65	AVG	NO LIMIT

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

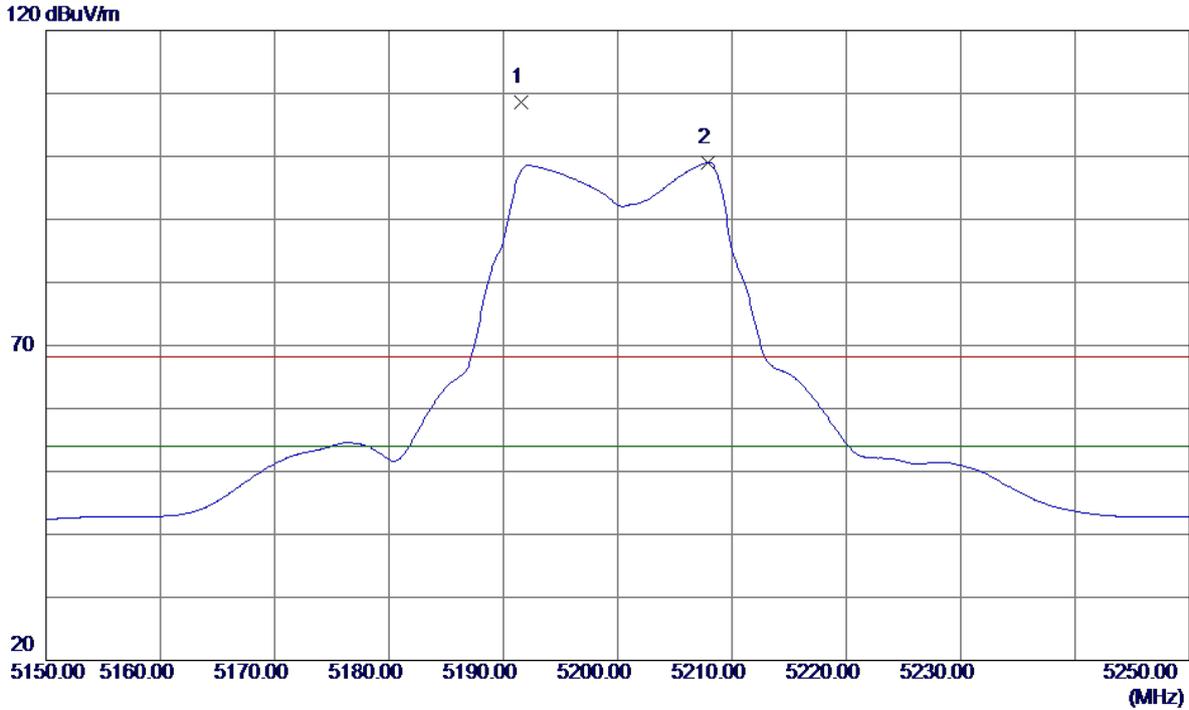
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10400.2100	18.46	15.06	33.52	54.00	-20.48	AVG	
2	10400.2200	29.31	15.06	44.37	68.20	-23.83	Peak	

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

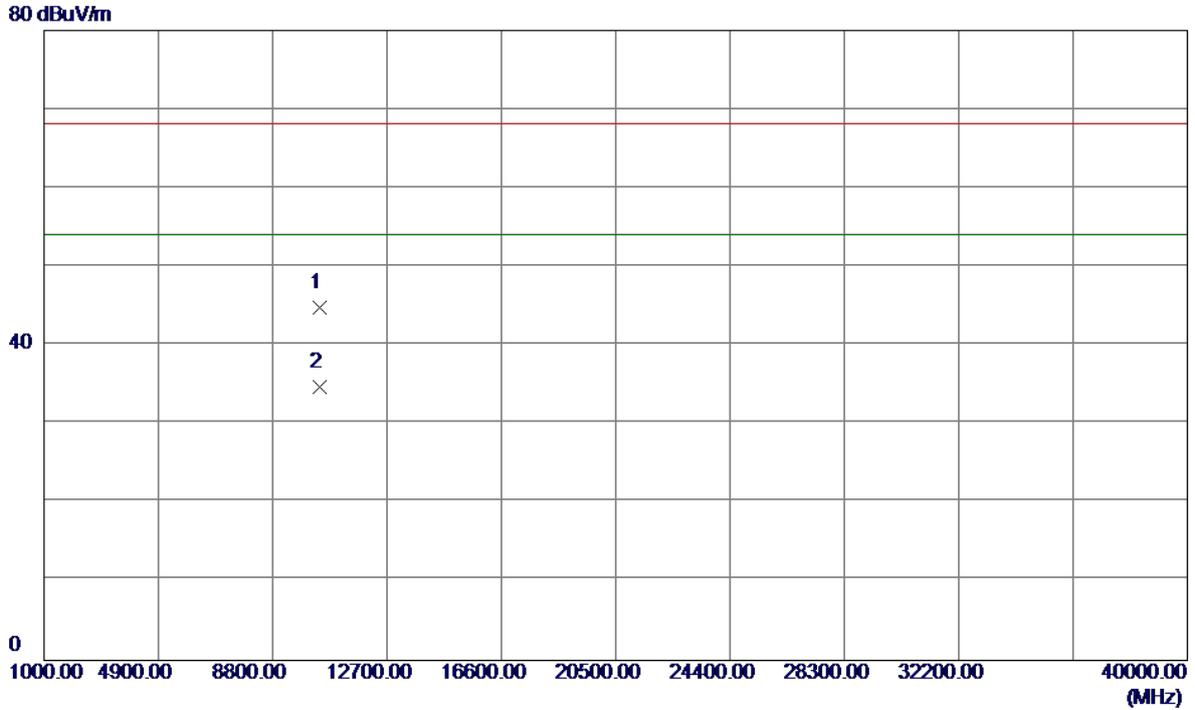
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5191.6000	67.82	40.76	108.58	68.20	40.38	Peak	NO LIMIT
2 *	5207.9000	58.24	40.82	99.06	54.00	45.06	AVG	NO LIMIT

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

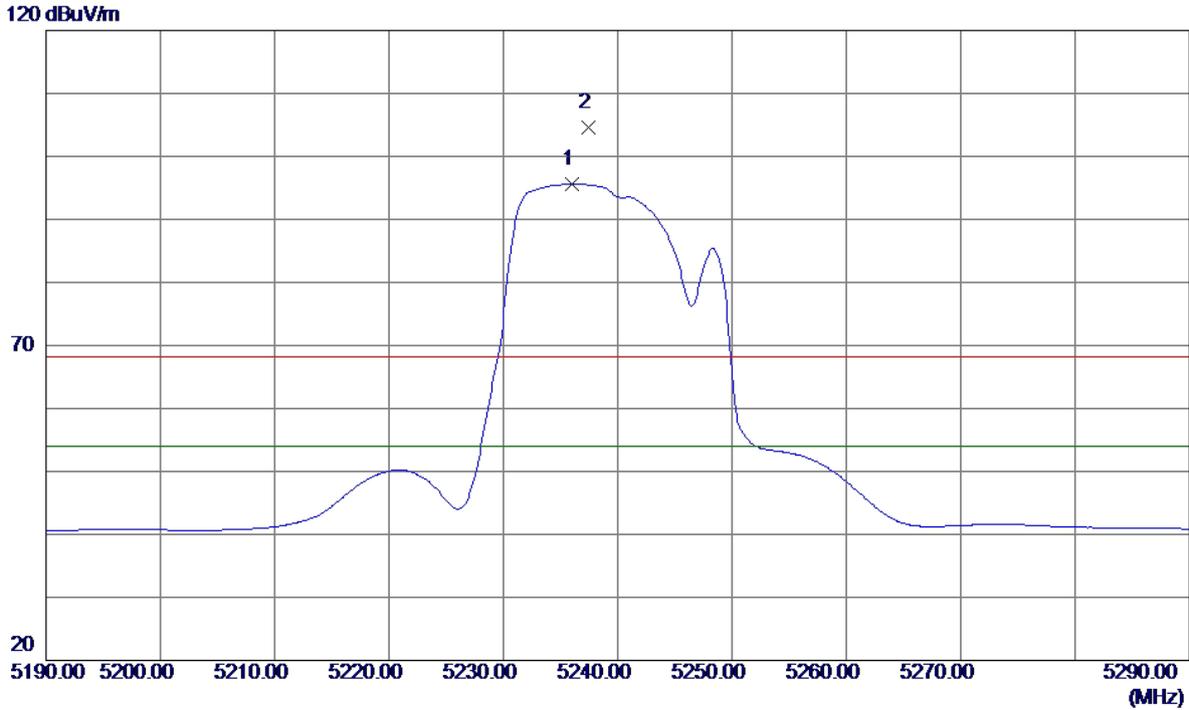
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10399.1600	29.70	15.05	44.75	68.20	-23.45	Peak	
2 *	10400.6500	19.71	15.06	34.77	54.00	-19.23	AVG	

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

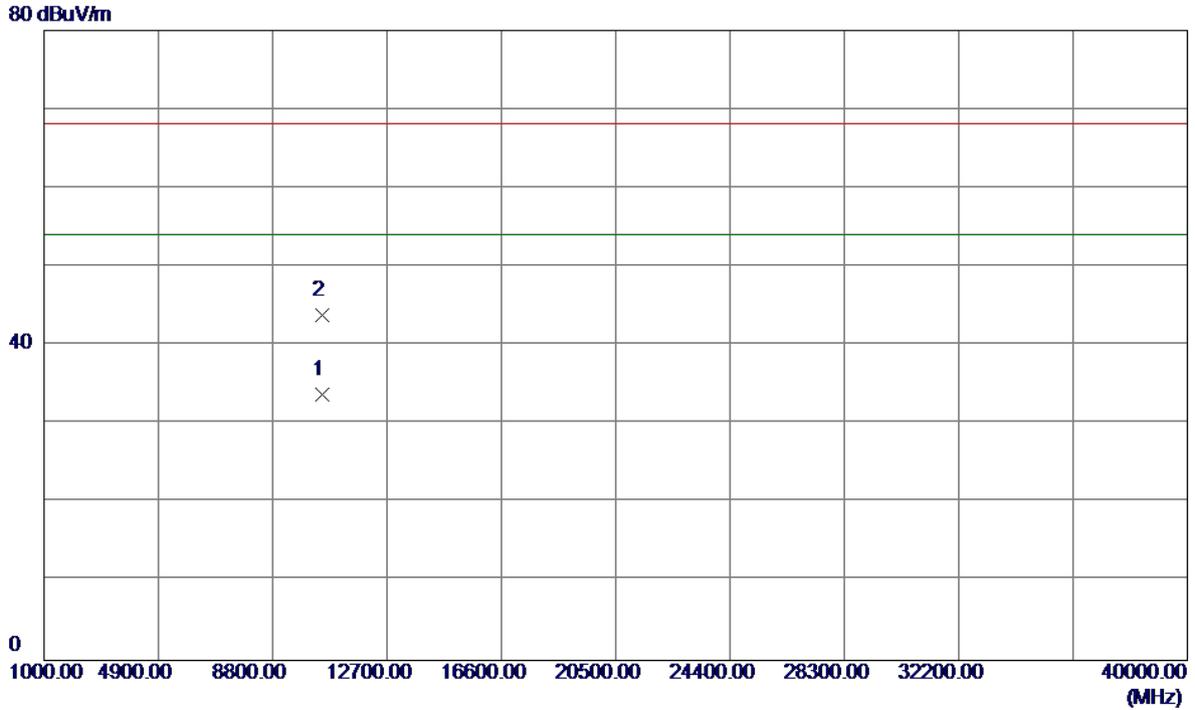
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5236.0500	54.64	40.91	95.55	54.00	41.55	AVG	NO LIMIT
2	5237.4500	63.71	40.91	104.62	68.20	36.42	Peak	NO LIMIT

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

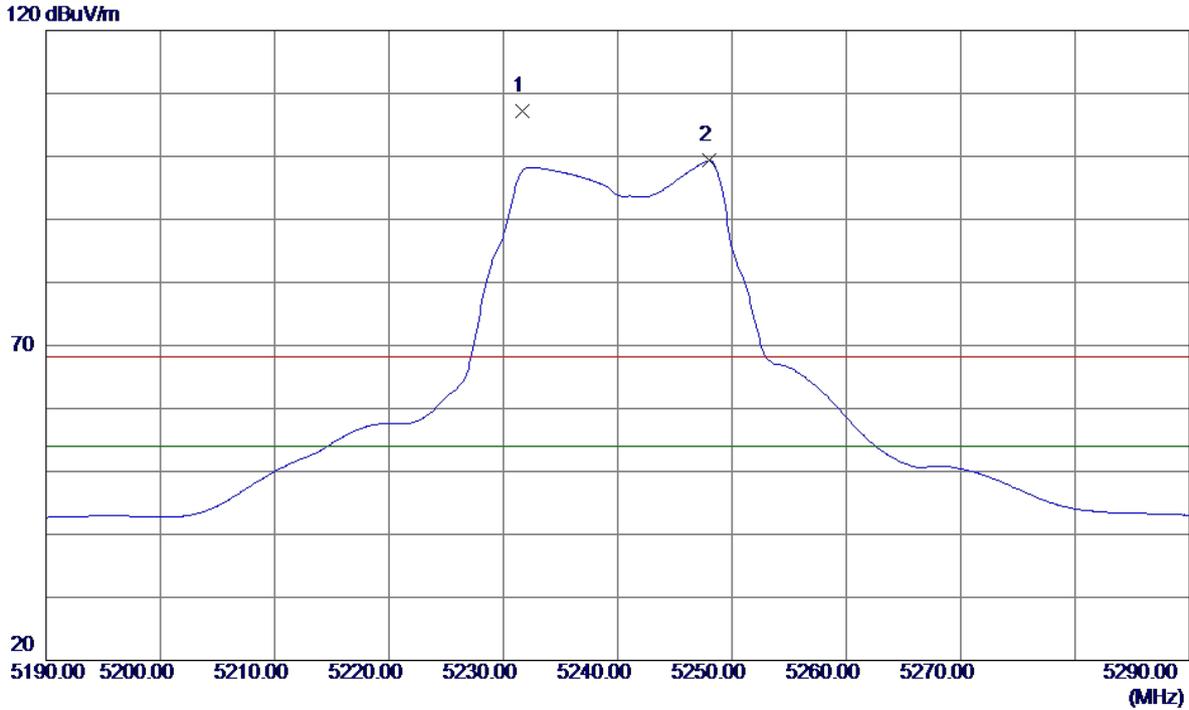
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10480.2500	18.53	15.24	33.77	54.00	-20.23	AVG	
2	10481.1700	28.60	15.25	43.85	68.20	-24.35	Peak	

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

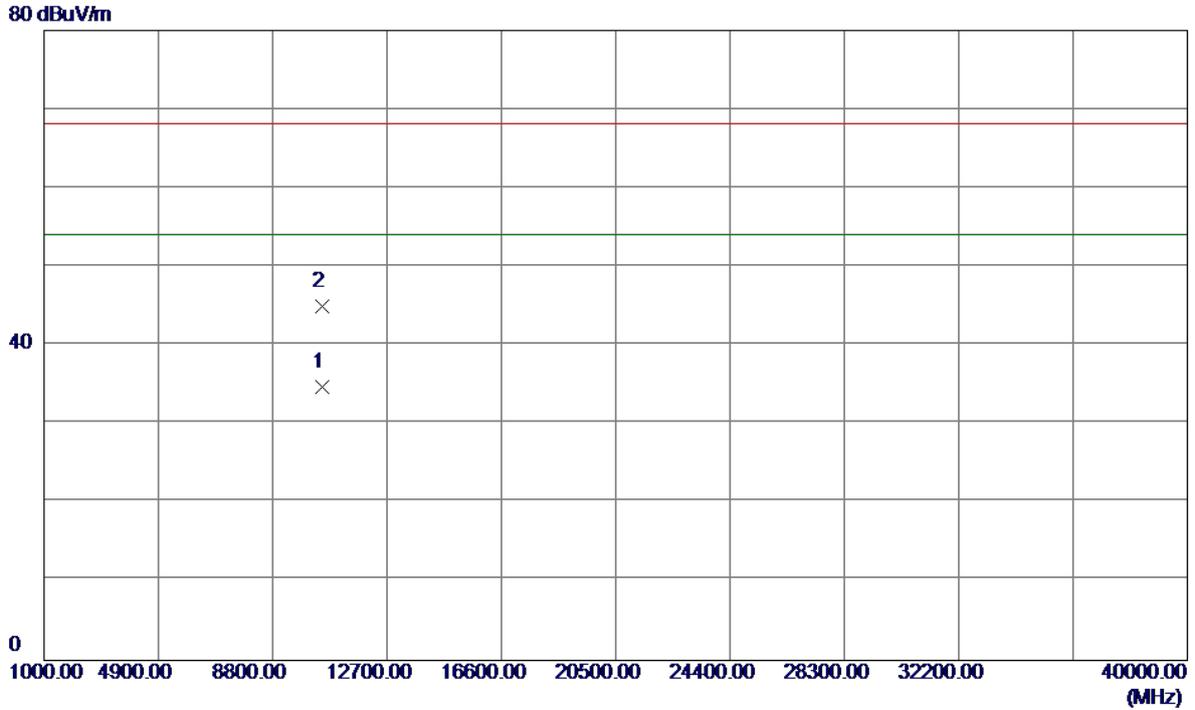
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5231.7000	66.31	40.89	107.20	68.20	39.00	Peak	NO LIMIT
2 *	5248.0000	58.39	40.95	99.34	54.00	45.34	AVG	NO LIMIT

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

Horizontal

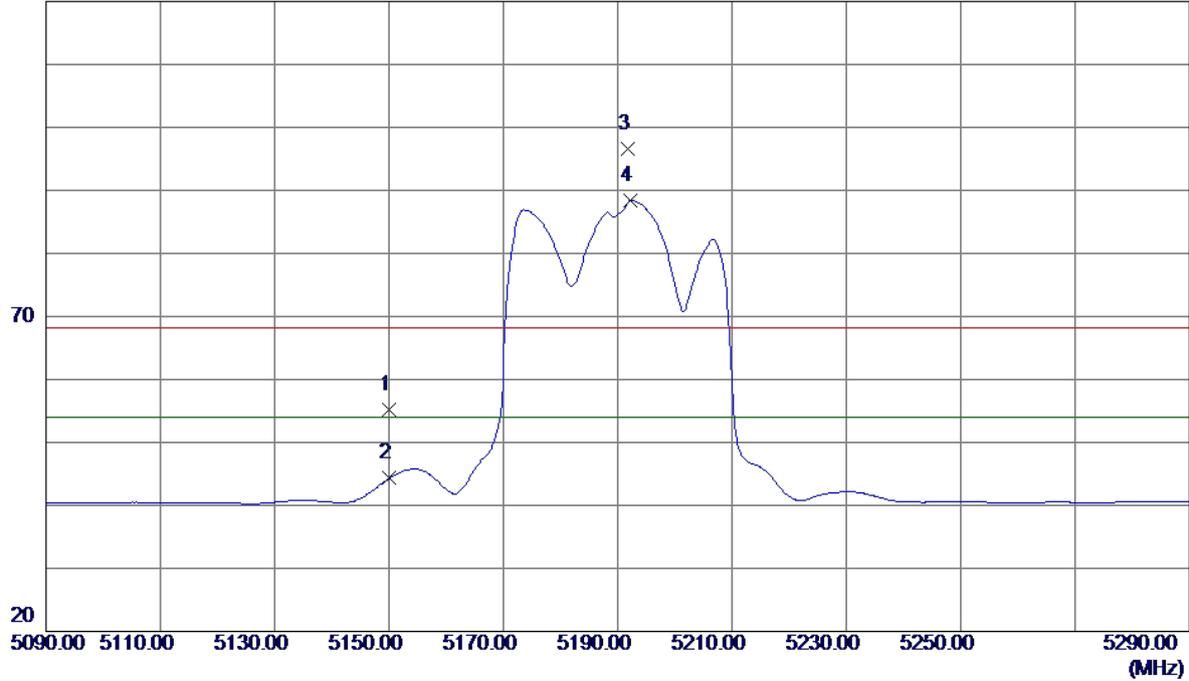


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10479.4800	19.53	15.24	34.77	54.00	-19.23	AVG	
2	10480.2600	29.67	15.24	44.91	68.20	-23.29	Peak	

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

Vertical

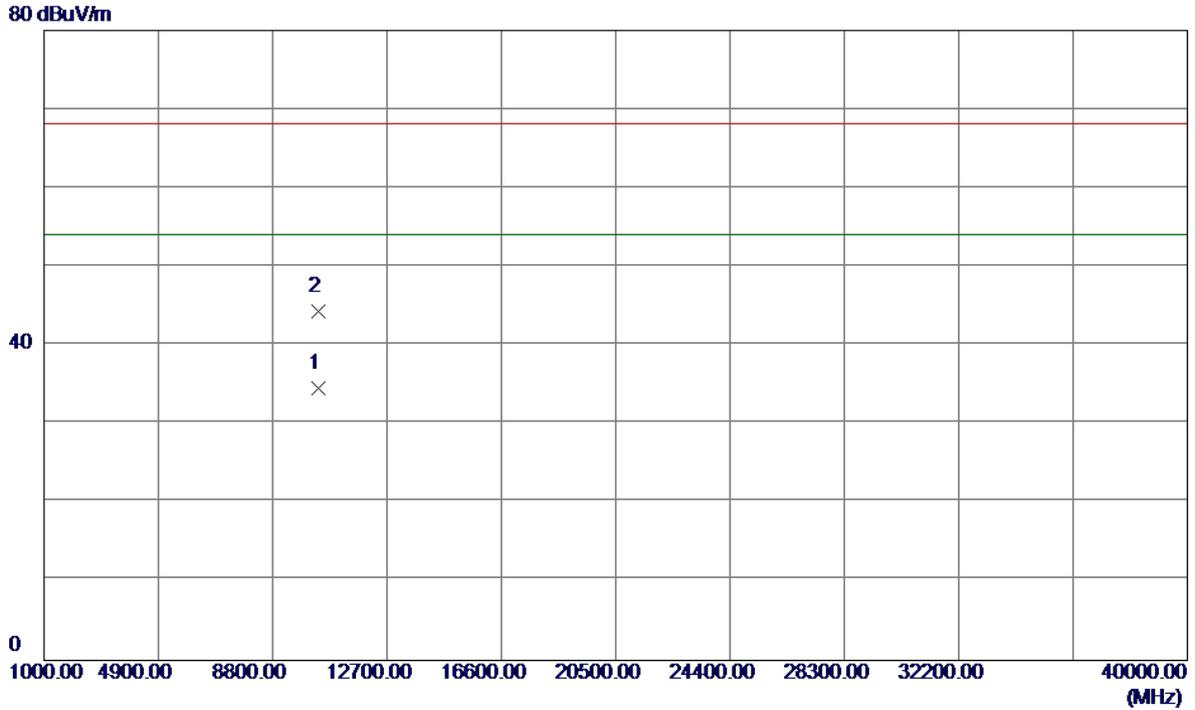
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	14.56	40.62	55.18	68.20	-13.02	Peak	
2	5150.0000	3.72	40.62	44.34	54.00	-9.66	AVG	
3	5191.7000	55.79	40.76	96.55	68.20	28.35	Peak	NO LIMIT
4 *	5192.3000	47.66	40.76	88.42	54.00	34.42	AVG	NO LIMIT

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

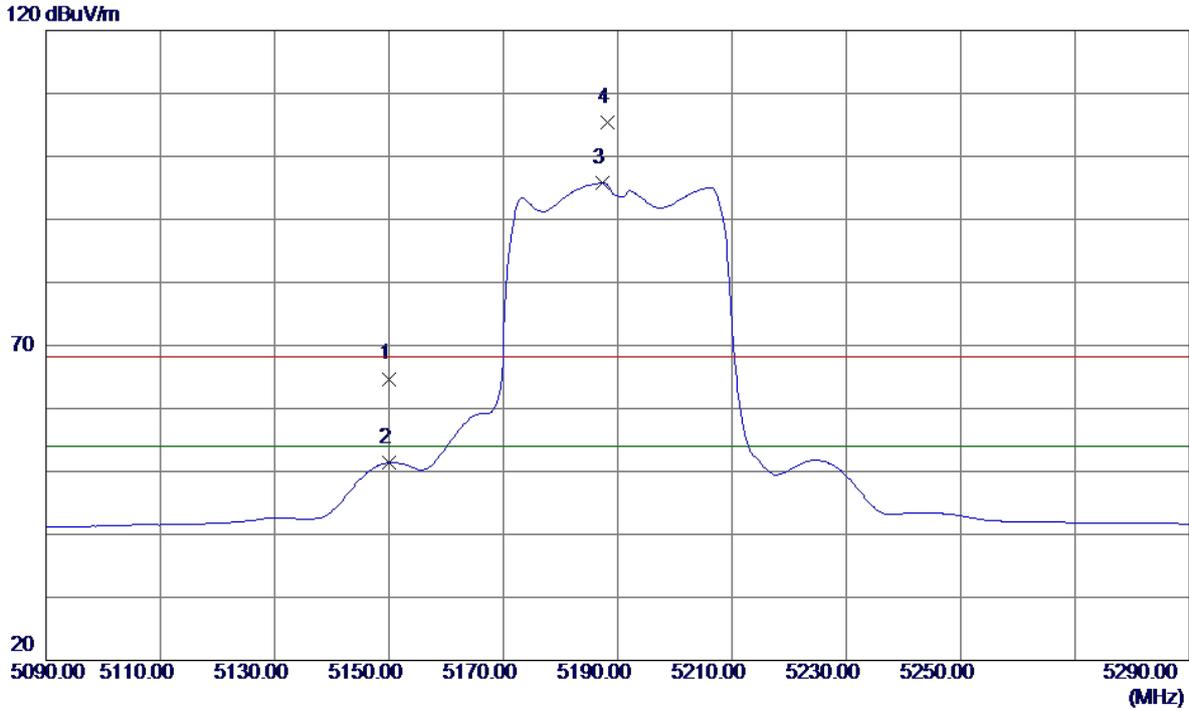
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10380.5100	19.52	15.01	34.53	54.00	-19.47	AVG	
2	10380.3200	29.35	15.01	44.36	68.20	-23.84	Peak	

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

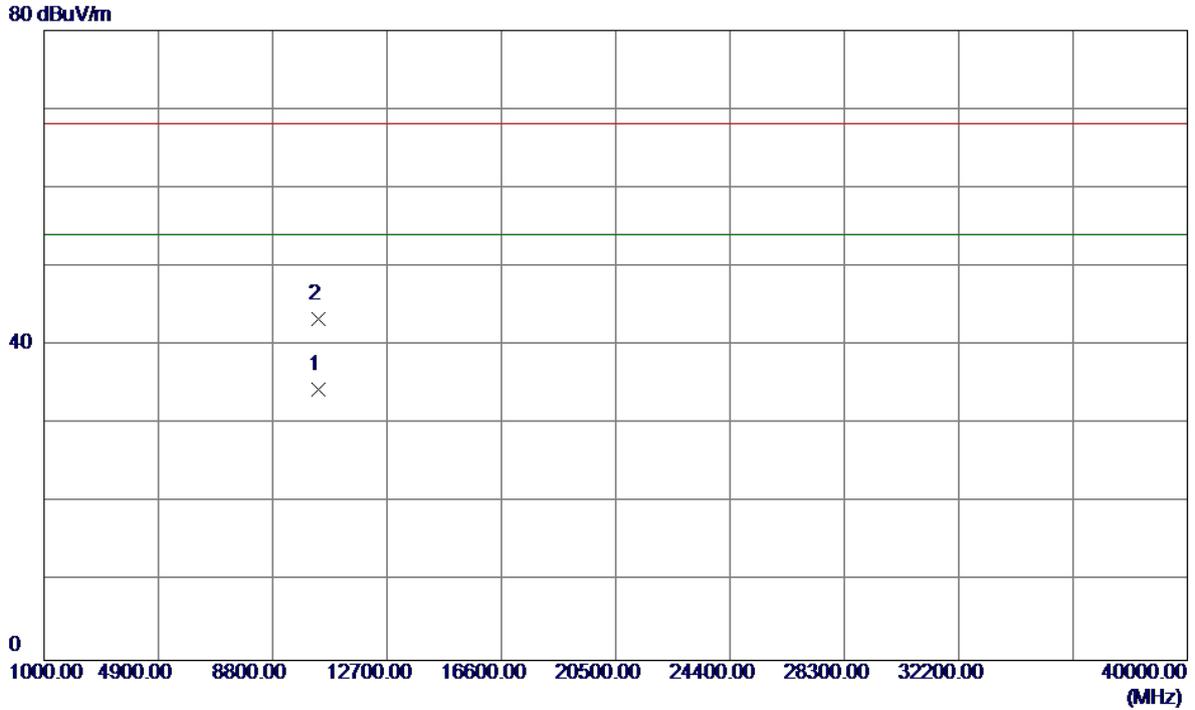
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.08	40.62	64.70	68.20	-3.50	Peak	
2	5150.0000	10.76	40.62	51.38	54.00	-2.62	AVG	
3 *	5187.4000	55.00	40.75	95.75	54.00	41.75	AVG	NO LIMIT
4	5188.3000	64.60	40.75	105.35	68.20	37.15	Peak	NO LIMIT

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

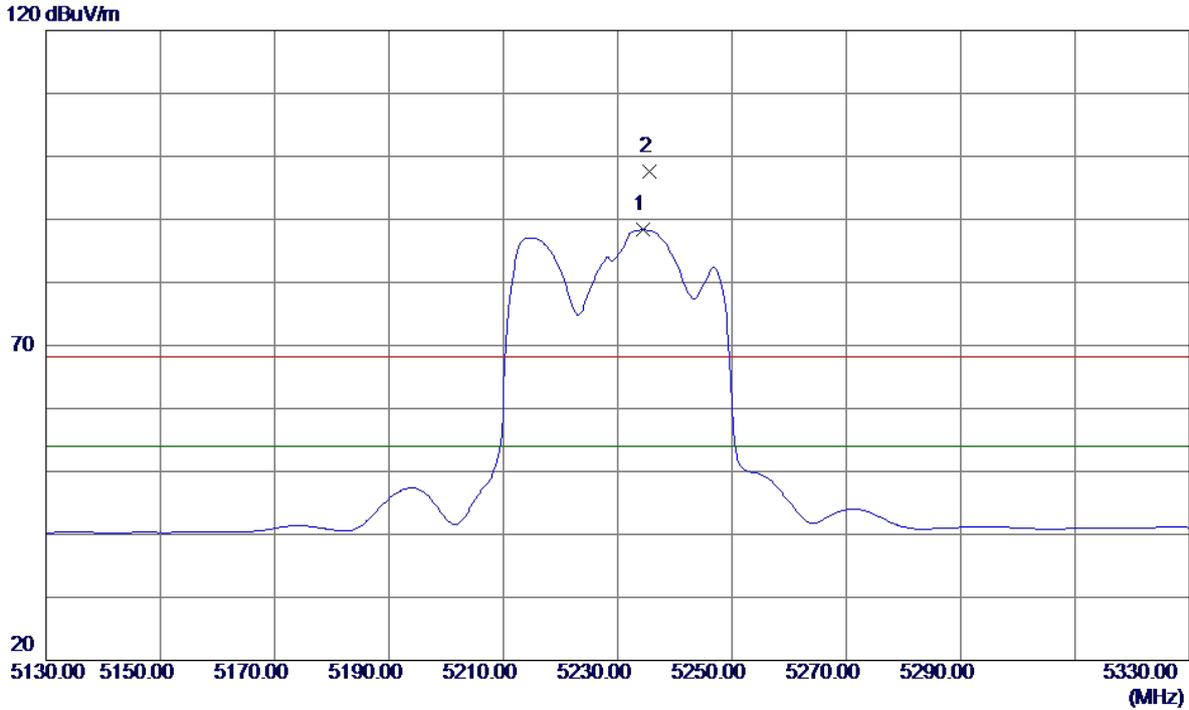
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10379.5599	19.37	15.01	34.38	54.00	-19.62	AVG	
2	10379.2500	28.37	15.01	43.38	68.20	-24.82	Peak	

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

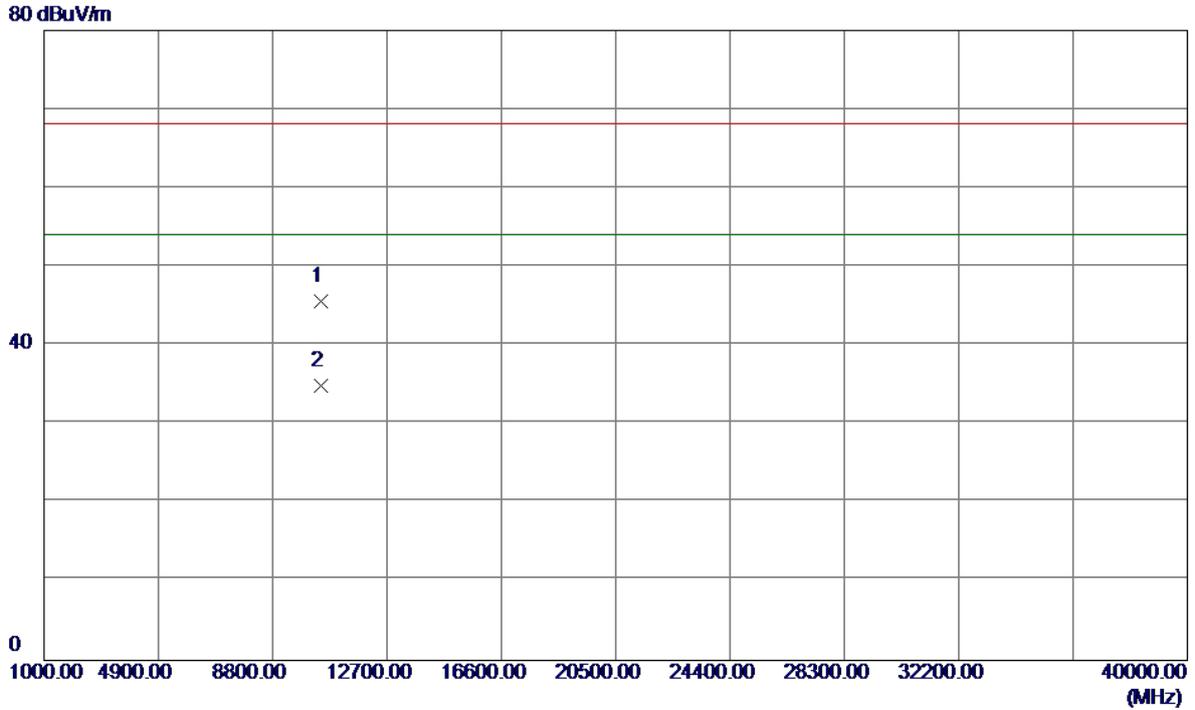
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5234.4000	47.44	40.90	88.34	54.00	34.34	AVG	NO LIMIT
2	5235.5000	56.71	40.91	97.62	68.20	29.42	Peak	NO LIMIT

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

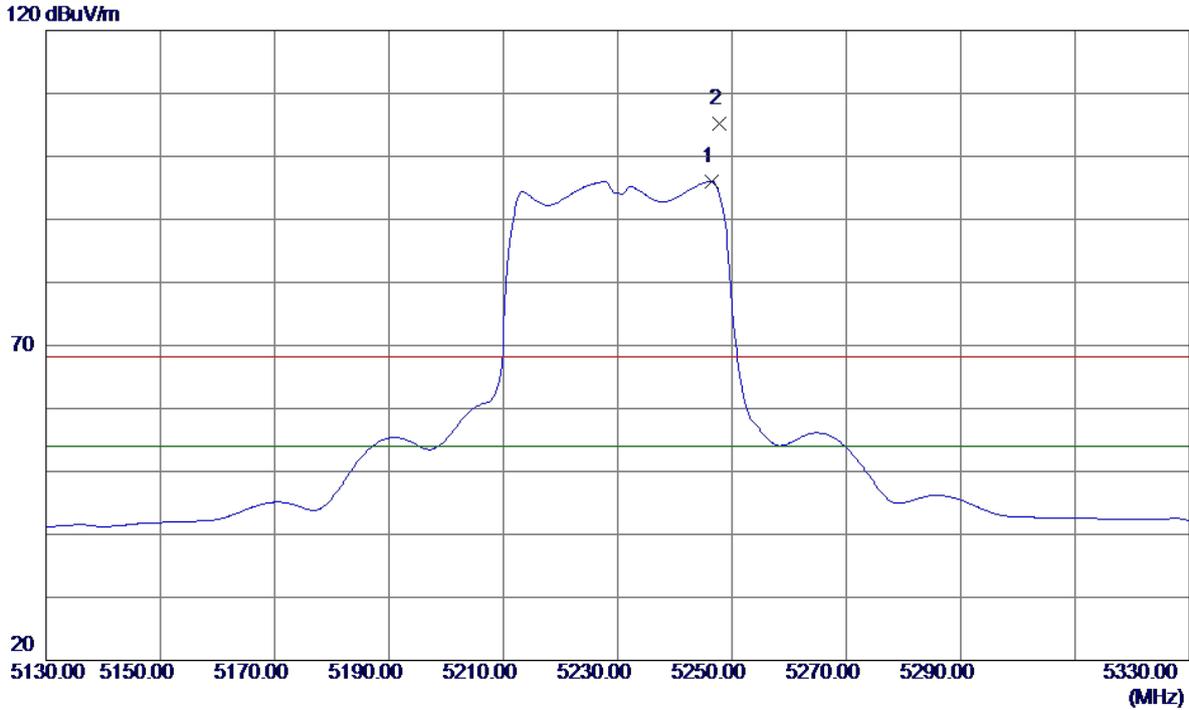
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10459.2100	30.47	15.19	45.66	68.20	-22.54	Peak	
2 *	10459.3500	19.64	15.19	34.83	54.00	-19.17	AVG	

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

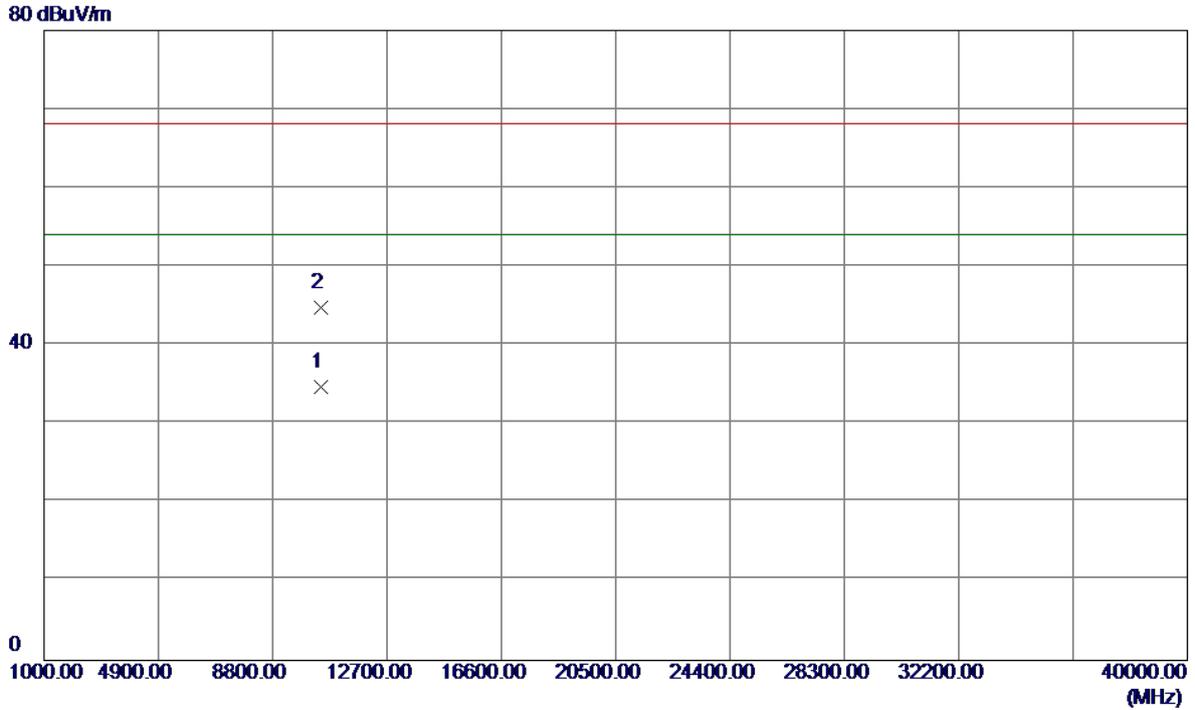
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5246.5000	55.15	40.94	96.09	54.00	42.09	AVG	NO LIMIT
2	5247.7000	64.22	40.95	105.17	68.20	36.97	Peak	NO LIMIT

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

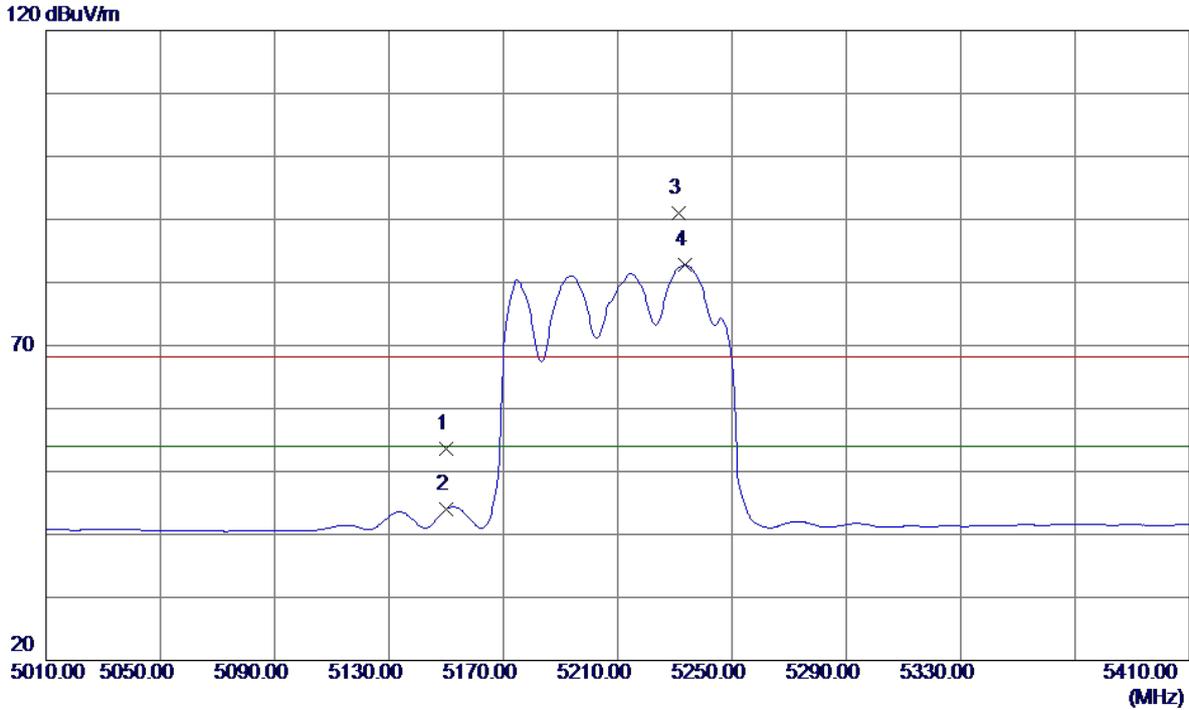
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10459.4100	19.47	15.20	34.67	54.00	-19.33	AVG	
2	10459.5199	29.56	15.20	44.76	68.20	-23.44	Peak	

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

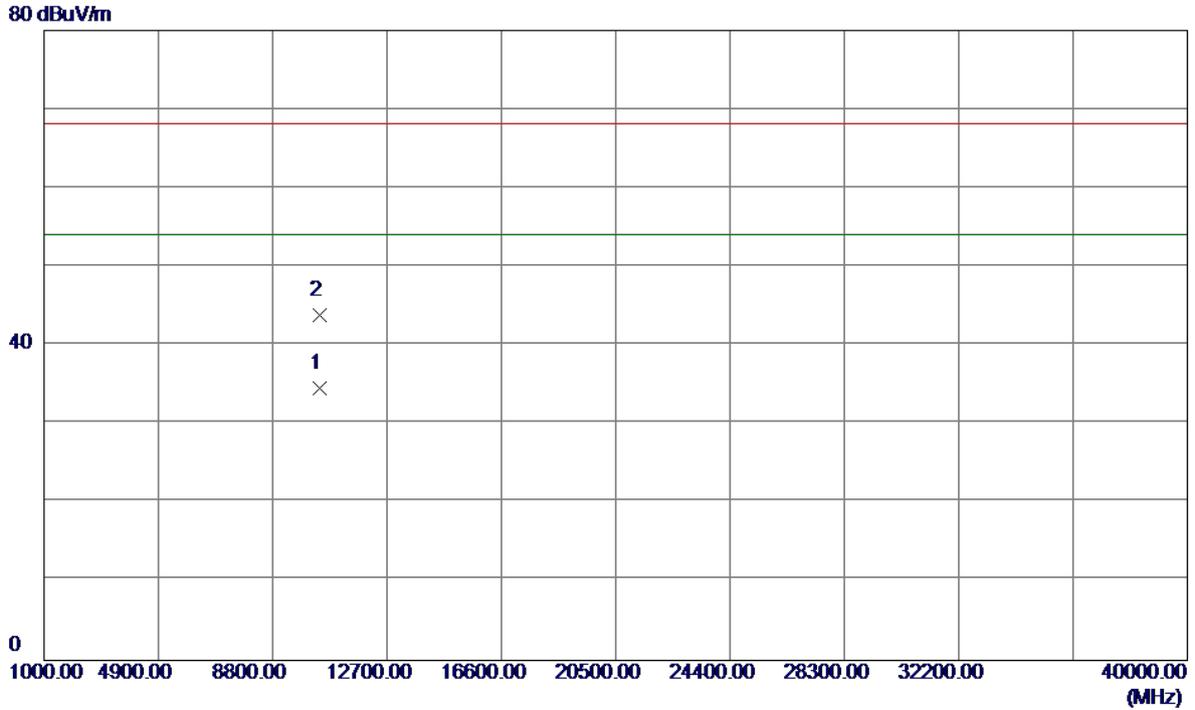
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	13.04	40.62	53.66	68.20	-14.54	Peak	
2	5150.0000	3.41	40.62	44.03	54.00	-9.97	AVG	
3	5231.4000	50.17	40.89	91.06	68.20	22.86	Peak	NO LIMIT
4 *	5233.4000	41.83	40.90	82.73	54.00	28.73	AVG	NO LIMIT

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

Vertical

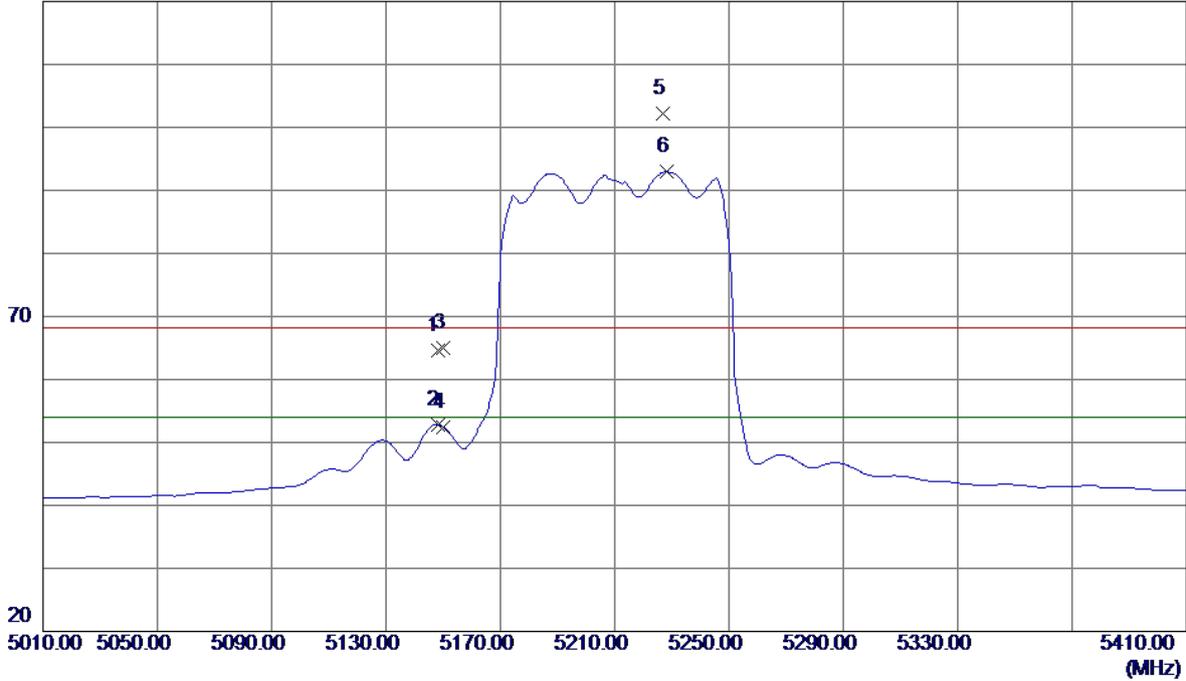


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10418.7500	19.48	15.10	34.58	54.00	-19.42	AVG	
2	10420.5500	28.78	15.10	43.88	68.20	-24.32	Peak	

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

Horizontal

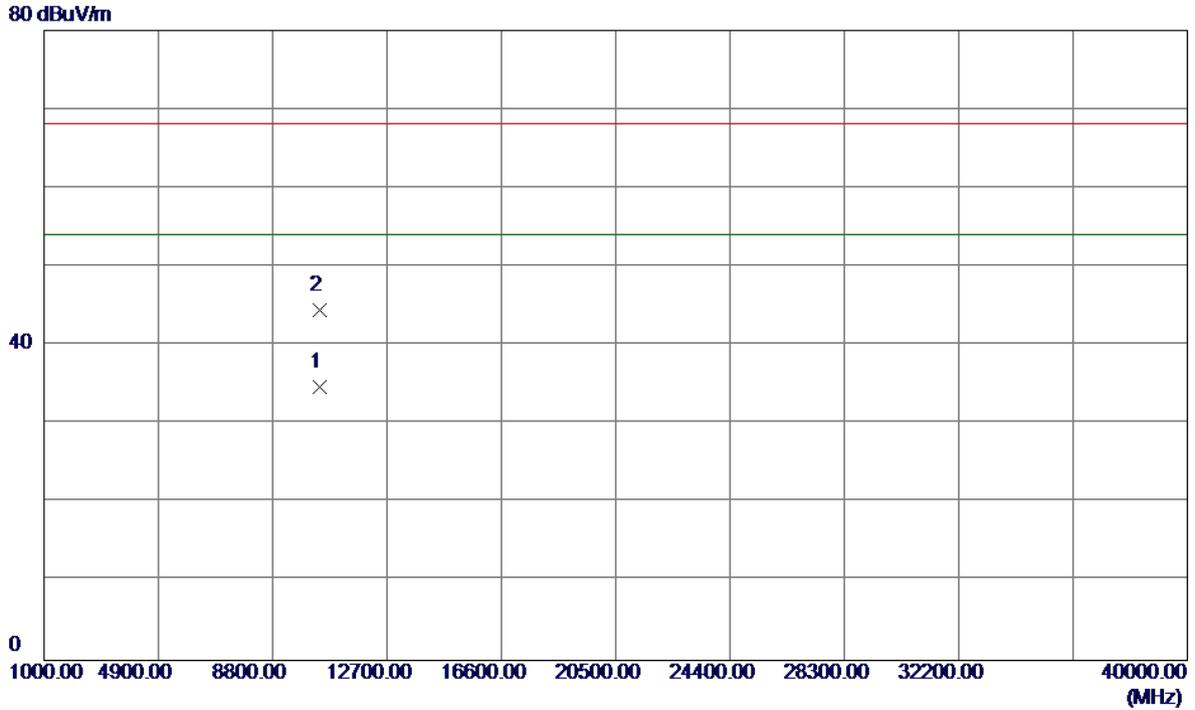
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5148.0000	23.99	40.62	64.61	68.20	-3.59	Peak	
2	5148.0000	12.22	40.62	52.84	54.00	-1.16	AVG	
3	5150.0000	24.36	40.62	64.98	68.20	-3.22	Peak	
4	5150.0000	11.87	40.62	52.49	54.00	-1.51	AVG	
5	5227.0000	61.36	40.88	102.24	68.20	34.04	Peak	NO LIMIT
6 *	5228.2000	52.06	40.88	92.94	54.00	38.94	AVG	NO LIMIT

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

Horizontal

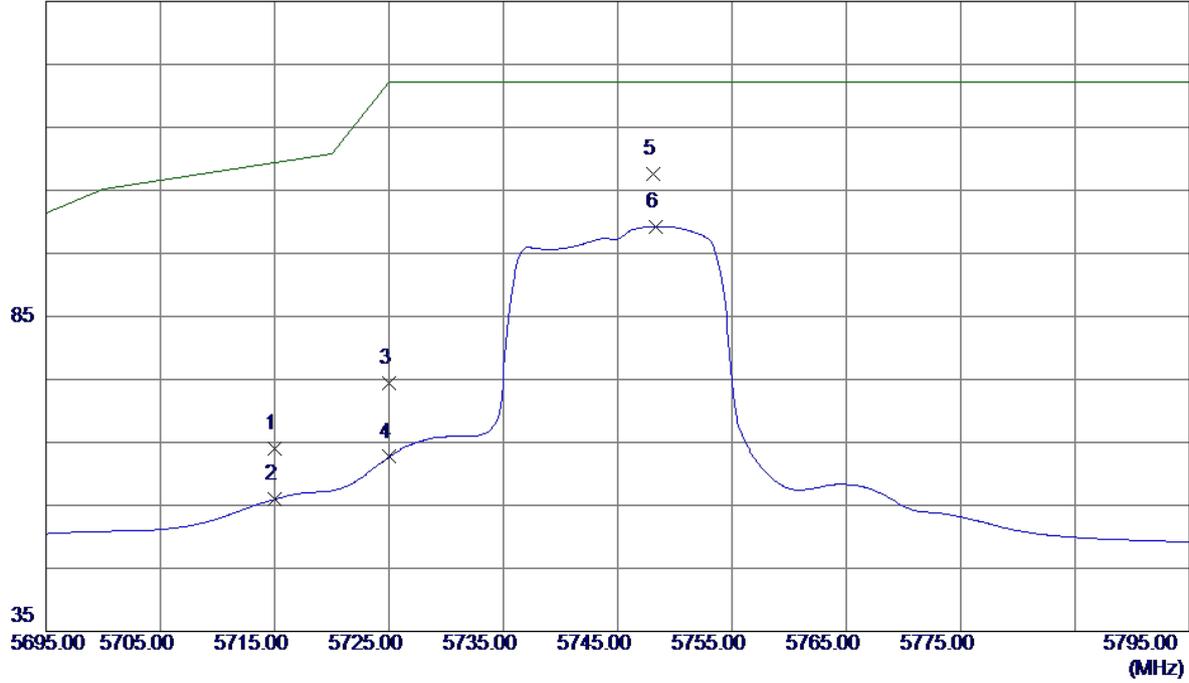


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10419.2500	19.69	15.10	34.79	54.00	-19.21	AVG	
2	10420.4500	29.41	15.10	44.51	68.20	-23.69	Peak	

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

Vertical

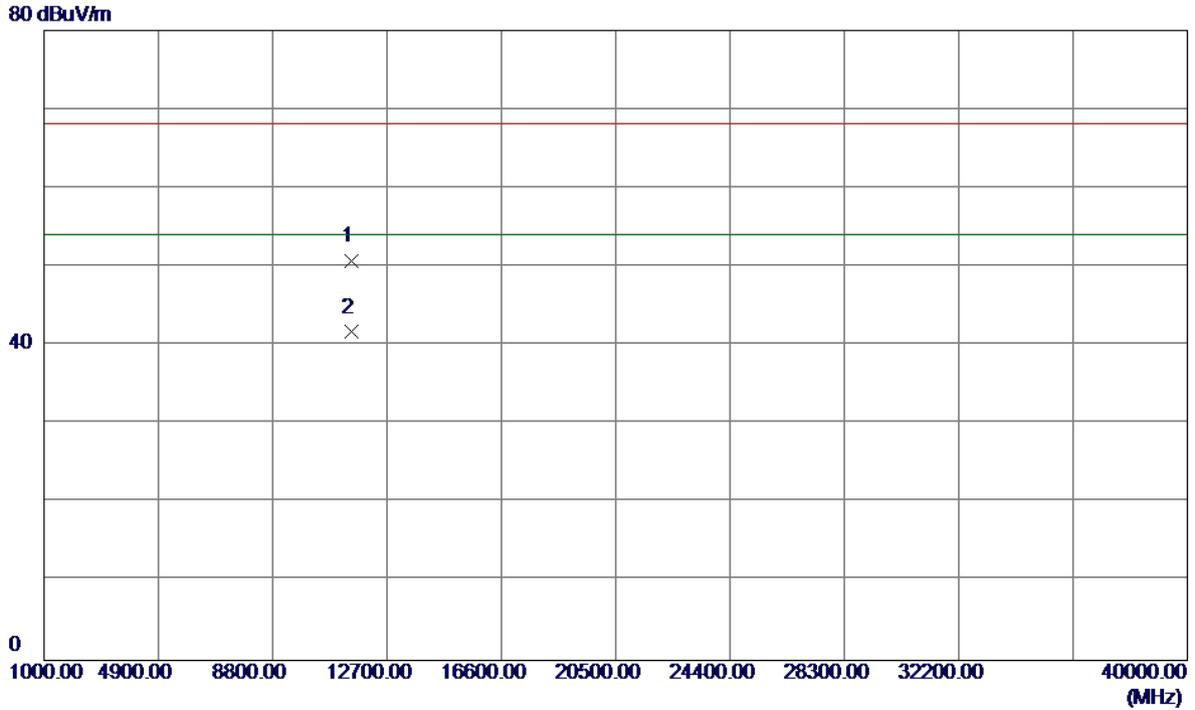
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	21.50	42.55	64.05	109.40	-45.35	Peak	
2	5715.0000	13.43	42.55	55.98	109.40	-53.42	AVG	
3	5725.0000	31.73	42.58	74.31	122.20	-47.89	Peak	
4	5725.0000	20.12	42.58	62.70	122.20	-59.50	AVG	
5 *	5748.1500	64.92	42.66	107.58	122.20	-14.62	Peak	
6	5748.3000	56.61	42.66	99.27	122.20	-22.93	AVG	

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

Vertical

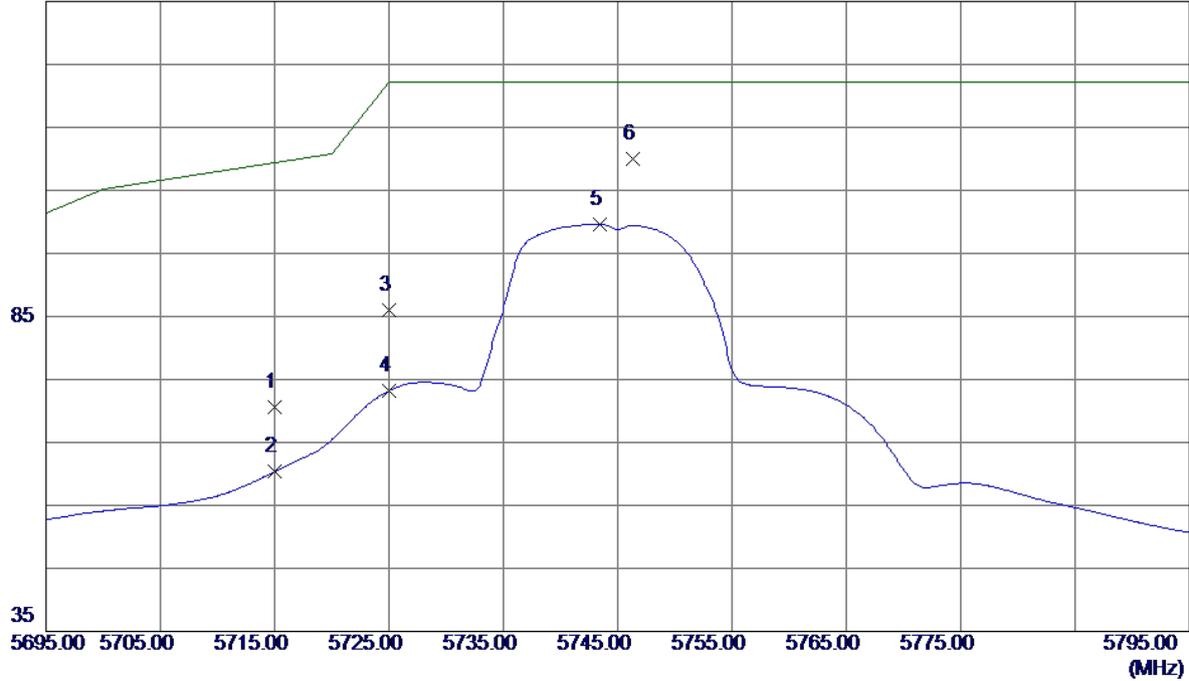


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11489.5199	35.17	15.49	50.66	68.20	-17.54	Peak	
2 *	11490.3600	26.19	15.49	41.68	54.00	-12.32	AVG	

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

Horizontal

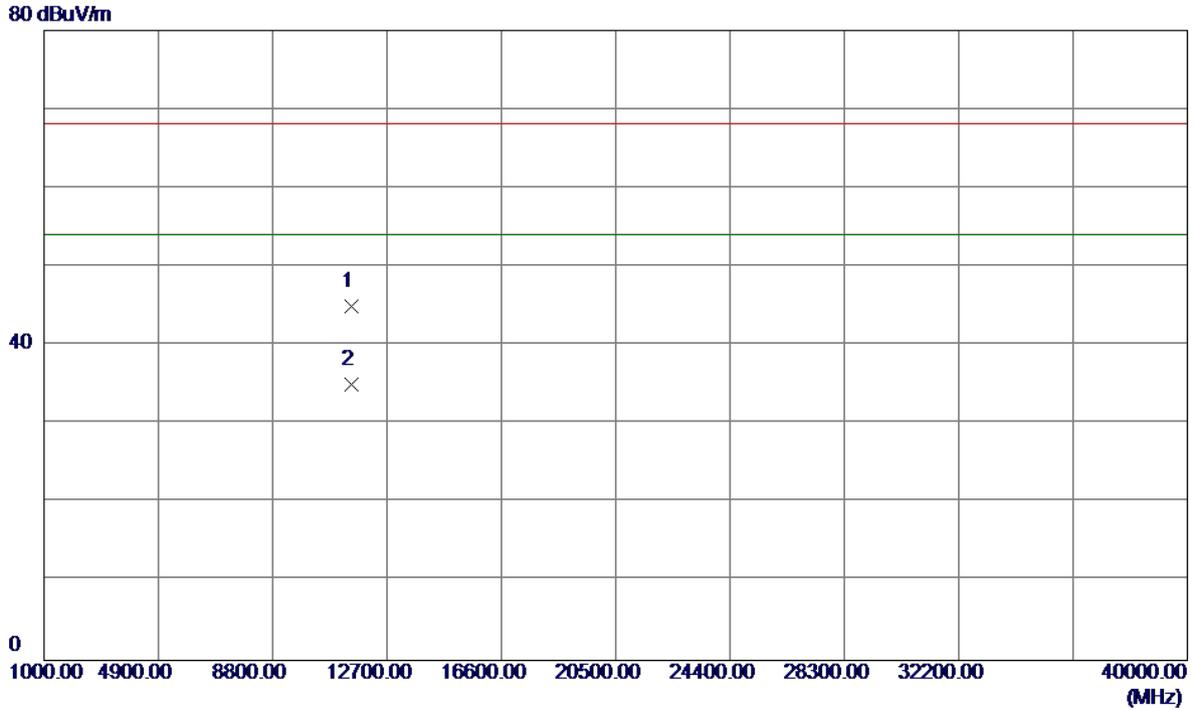
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	28.07	42.55	70.62	109.40	-38.78	Peak	
2	5715.0000	17.85	42.55	60.40	109.40	-49.00	AVG	
3	5725.0000	43.48	42.58	86.06	122.20	-36.14	Peak	
4	5725.0000	30.66	42.58	73.24	122.20	-48.96	AVG	
5	5743.4000	56.96	42.65	99.61	122.20	-22.59	AVG	
6 *	5746.3500	67.29	42.66	109.95	122.20	-12.25	Peak	

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

Horizontal

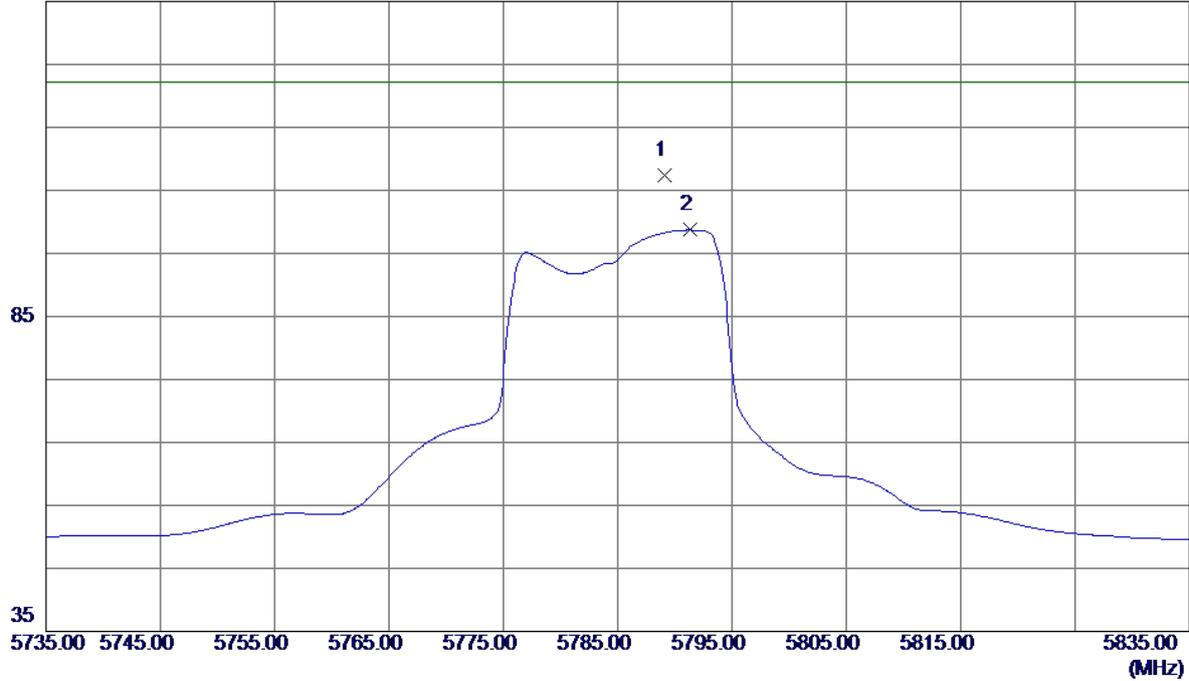


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11490.2900	29.43	15.49	44.92	68.20	-23.28	Peak	
2 *	11490.2600	19.58	15.49	35.07	54.00	-18.93	AVG	

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

Vertical

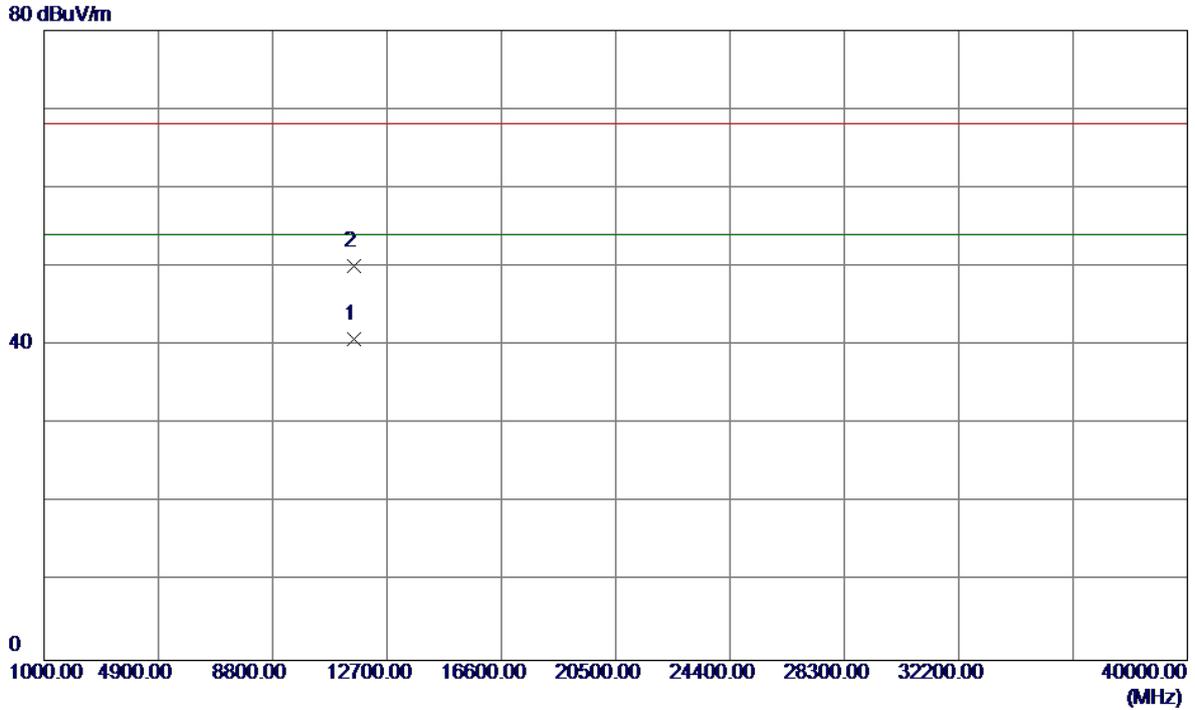
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5789.1000	64.56	42.81	107.37	122.20	-14.83	Peak	
2	5791.3000	55.89	42.82	98.71	122.20	-23.49	AVG	

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

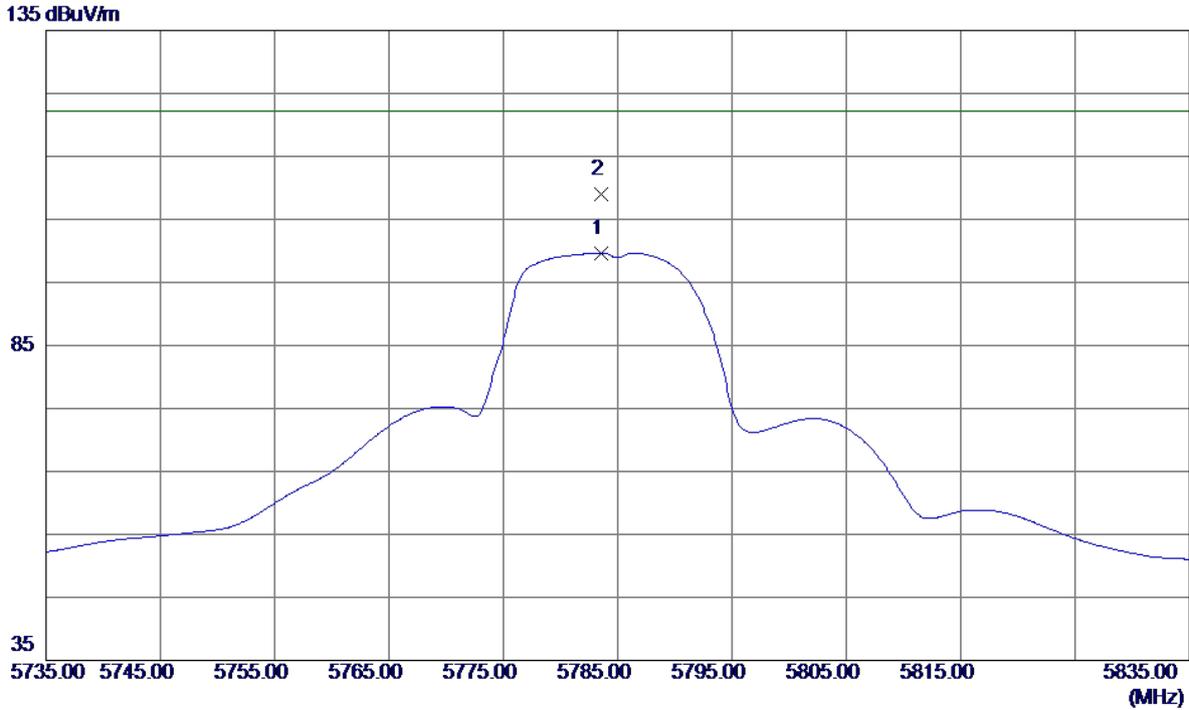
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11569.7600	25.27	15.48	40.75	54.00	-13.25	AVG	
2	11570.5300	34.64	15.48	50.12	68.20	-18.08	Peak	

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

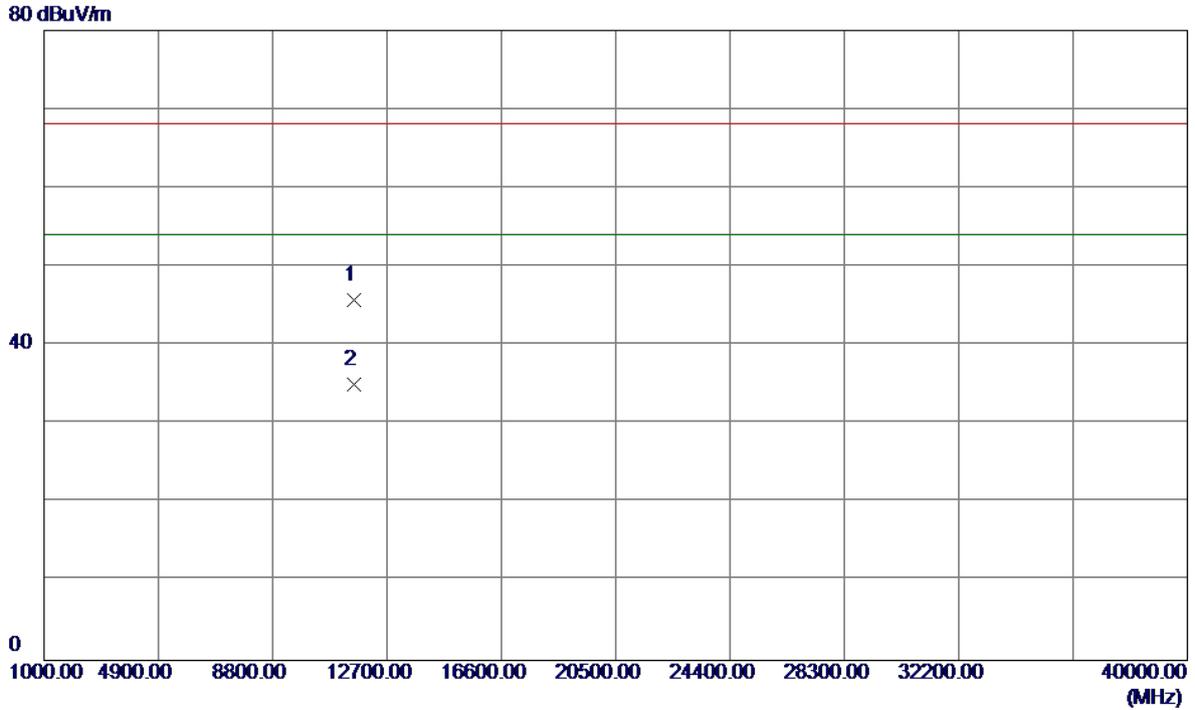
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5783.5500	56.90	42.79	99.69	122.20	-22.51	AVG	
2 *	5783.6000	66.26	42.79	109.05	122.20	-13.15	Peak	

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

Horizontal

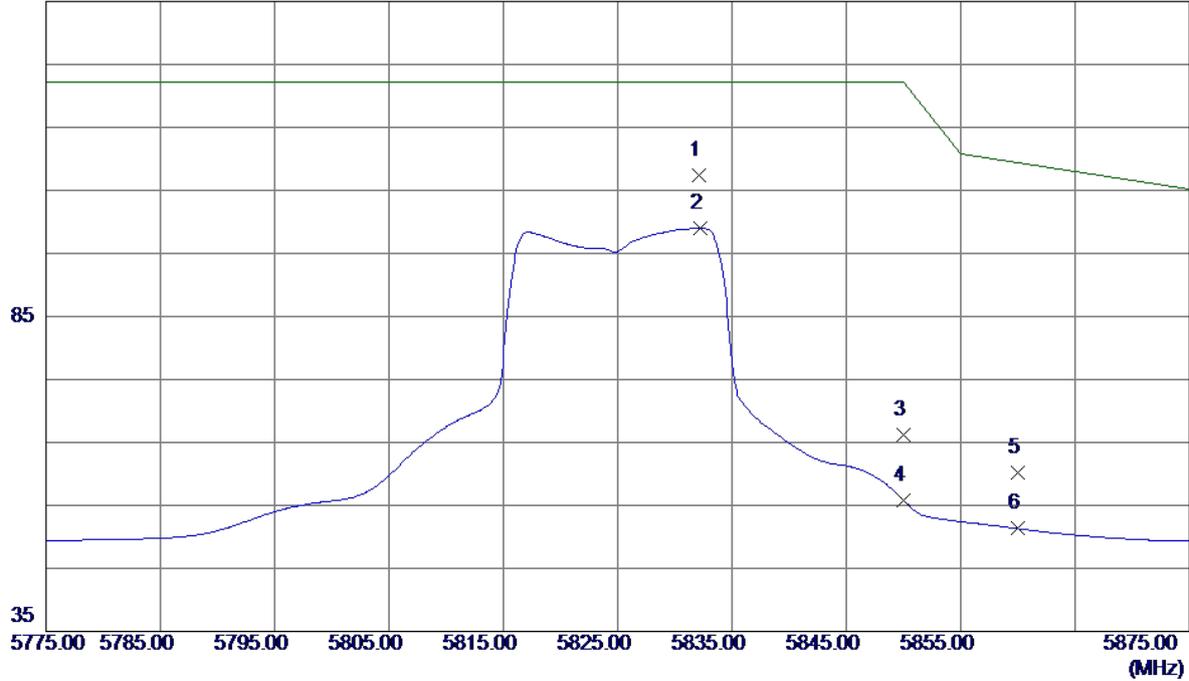


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11570.1200	30.28	15.48	45.76	68.20	-22.44	Peak	
2 *	11570.3000	19.53	15.48	35.01	54.00	-18.99	AVG	

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

Vertical

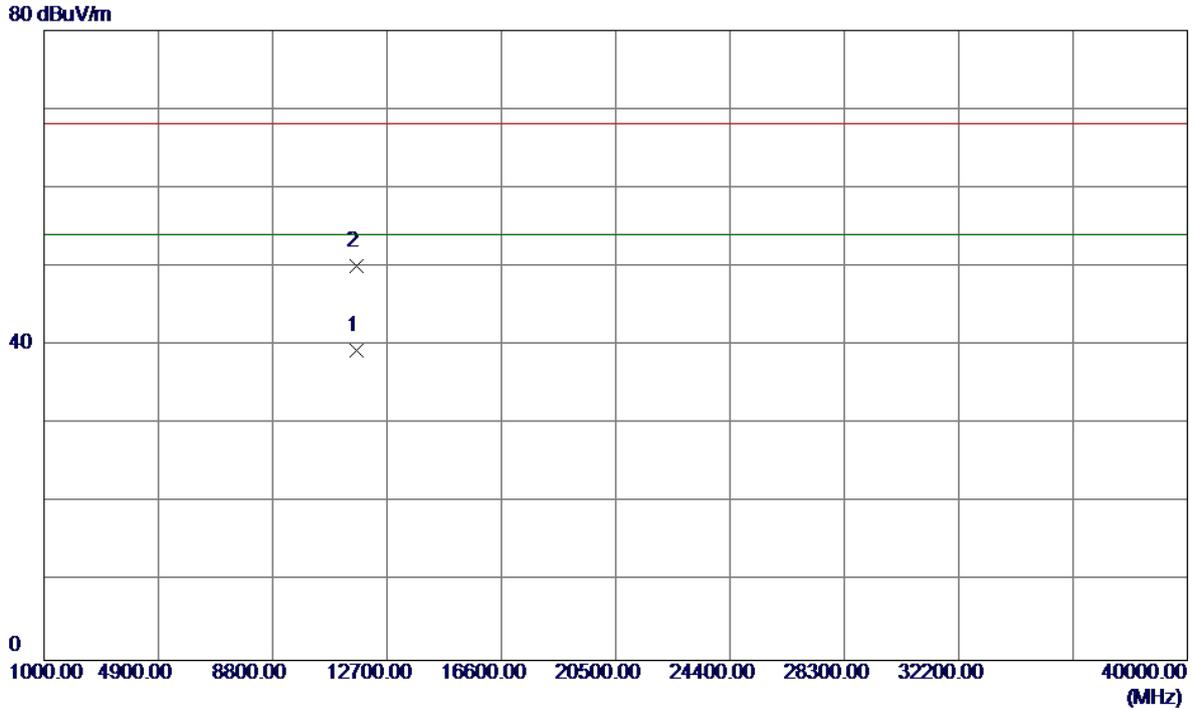
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5832.1500	64.47	42.96	107.43	122.20	-14.77	Peak	
2	5832.2000	55.99	42.96	98.95	122.20	-23.25	AVG	
3	5850.0000	23.25	43.03	66.28	122.20	-55.92	Peak	
4	5850.0000	12.81	43.03	55.84	122.20	-66.36	AVG	
5	5860.0000	17.18	43.06	60.24	109.40	-49.16	Peak	
6	5860.0000	8.25	43.06	51.31	109.40	-58.09	AVG	

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

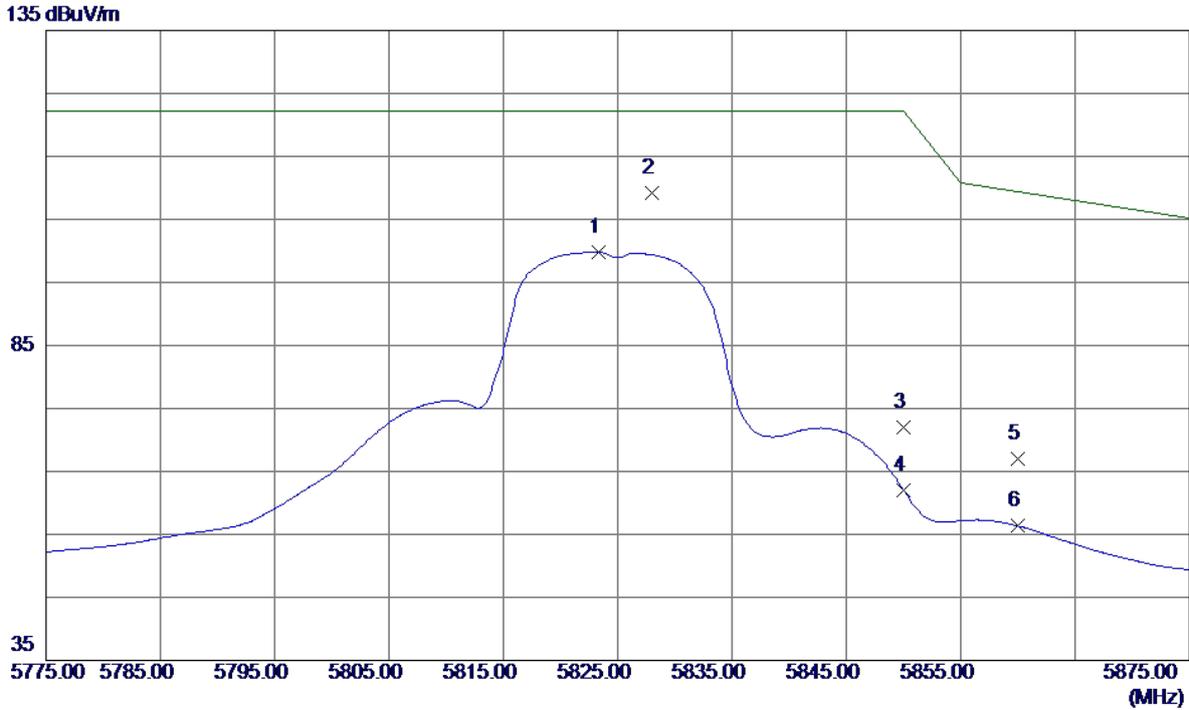
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11650.4200	23.93	15.48	39.41	54.00	-14.59	AVG	
2	11650.4600	34.56	15.48	50.04	68.20	-18.16	Peak	

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

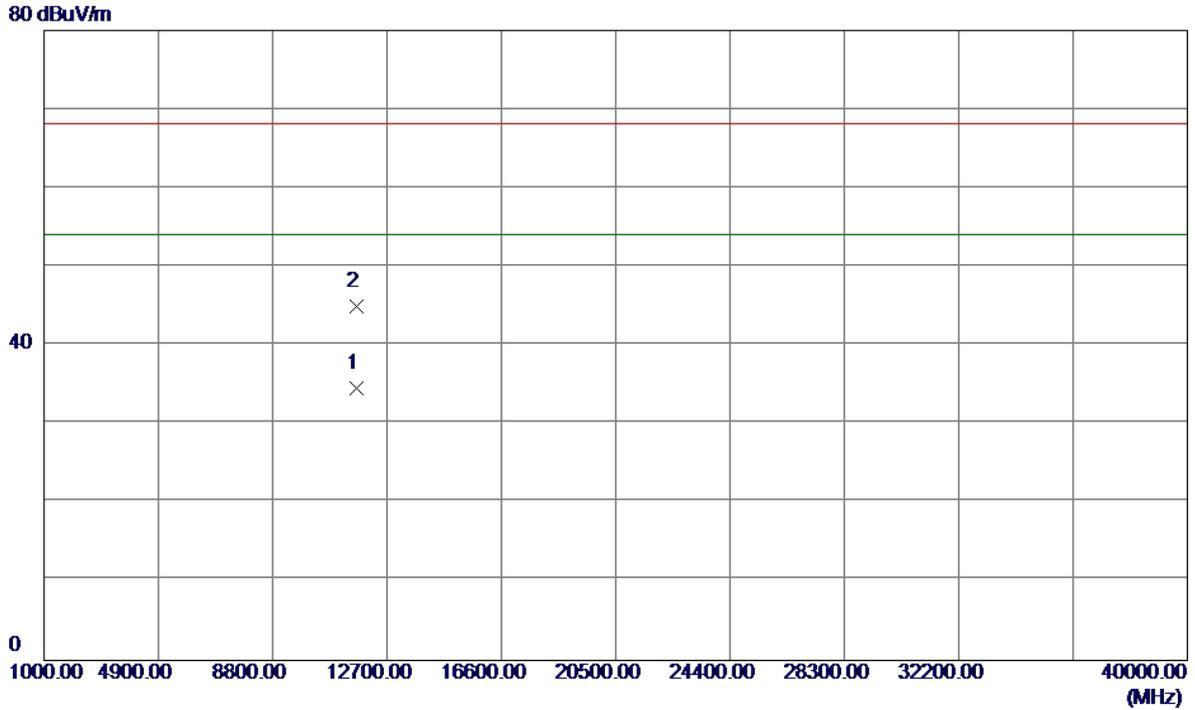
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5823.3000	56.82	42.93	99.75	122.20	-22.45	AVG	
2 *	5827.9500	66.27	42.95	109.22	122.20	-12.98	Peak	
3	5850.0000	29.04	43.03	72.07	122.20	-50.13	Peak	
4	5850.0000	19.05	43.03	62.08	122.20	-60.12	AVG	
5	5860.0000	24.00	43.06	67.06	109.40	-42.34	Peak	
6	5860.0000	13.28	43.06	56.34	109.40	-53.06	AVG	

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

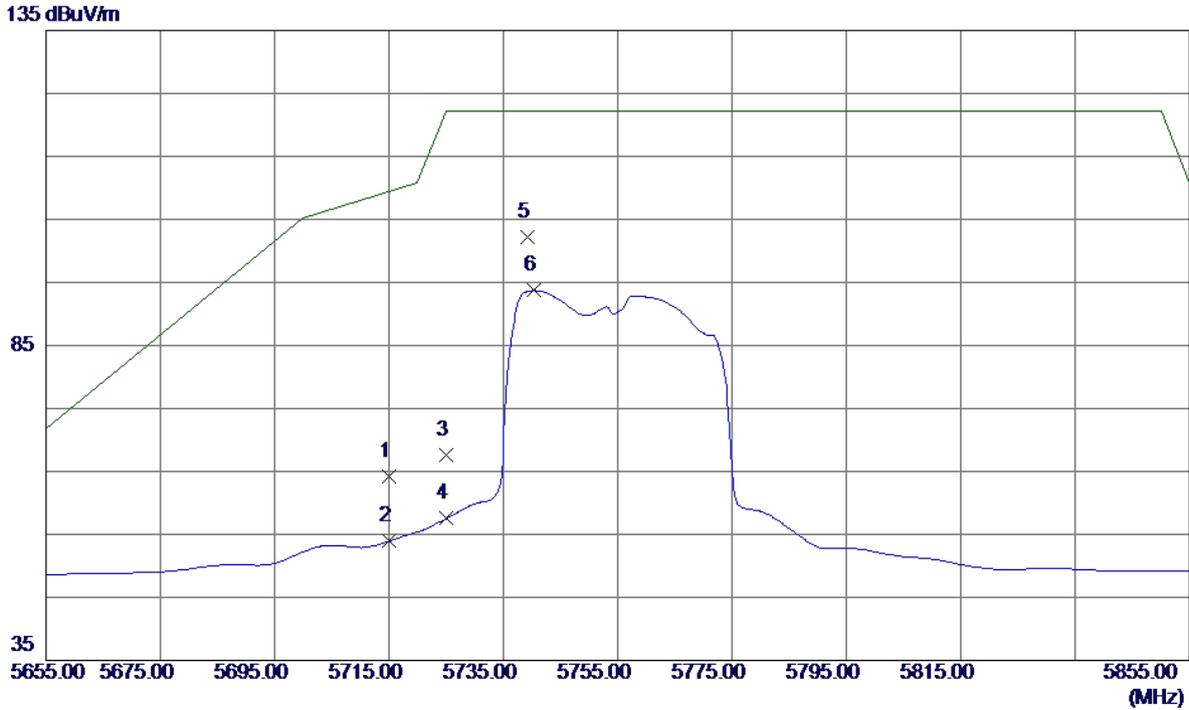
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11649.5199	19.11	15.48	34.59	54.00	-19.41	AVG	
2	11650.3600	29.52	15.48	45.00	68.20	-23.20	Peak	

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

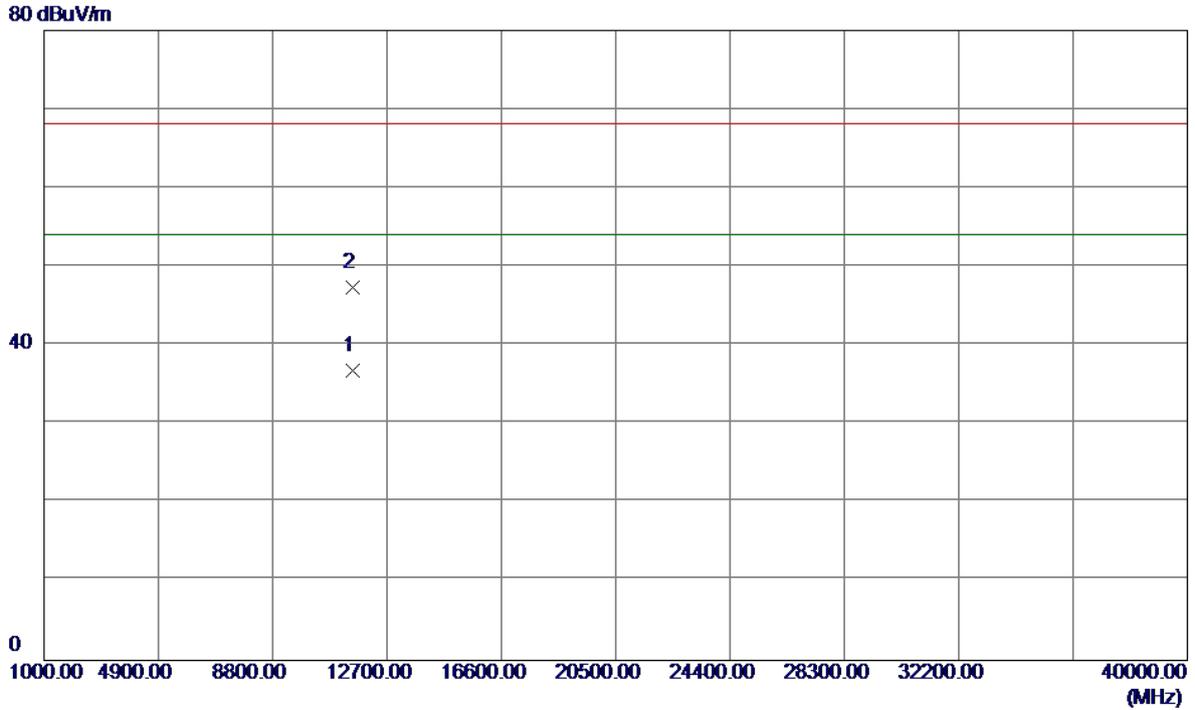
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	21.56	42.55	64.11	109.40	-45.29	Peak	
2	5715.0000	11.40	42.55	53.95	109.40	-55.45	AVG	
3	5725.0000	25.05	42.58	67.63	122.20	-54.57	Peak	
4	5725.0000	14.99	42.58	57.57	122.20	-64.63	AVG	
5 *	5739.3000	59.50	42.63	102.13	122.20	-20.07	Peak	
6	5740.3000	51.07	42.64	93.71	122.20	-28.49	AVG	

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

Vertical

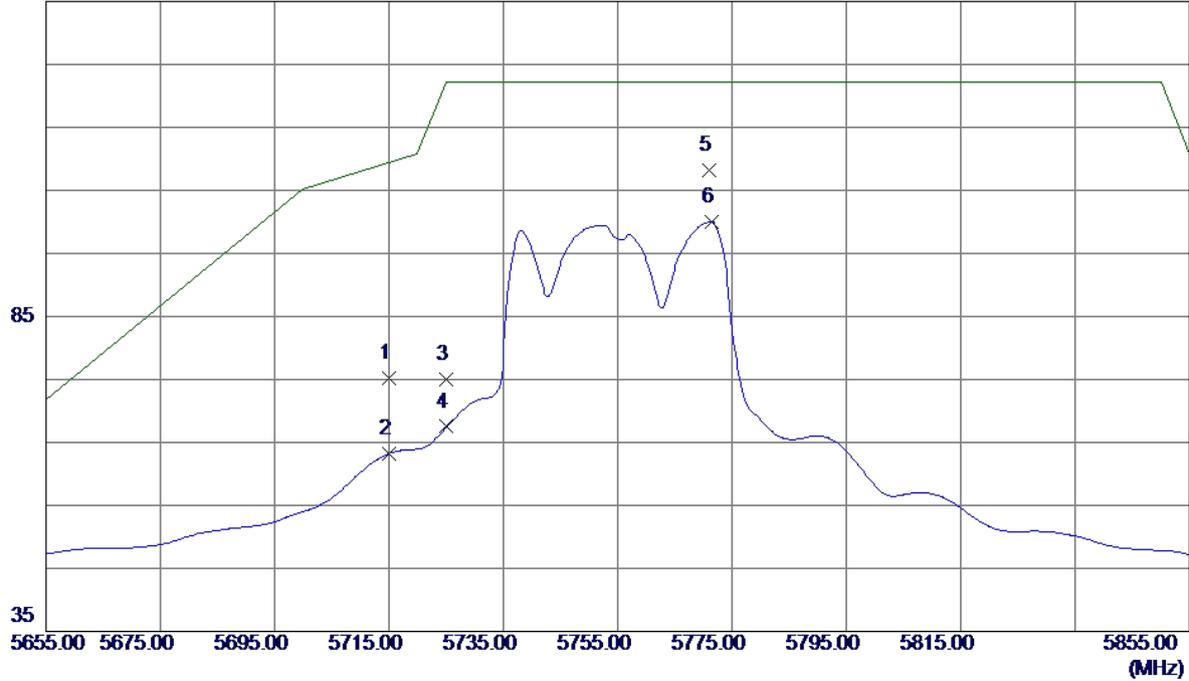


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11509.3600	21.28	15.48	36.76	54.00	-17.24	AVG	
2	11510.2400	31.86	15.48	47.34	68.20	-20.86	Peak	

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

Horizontal

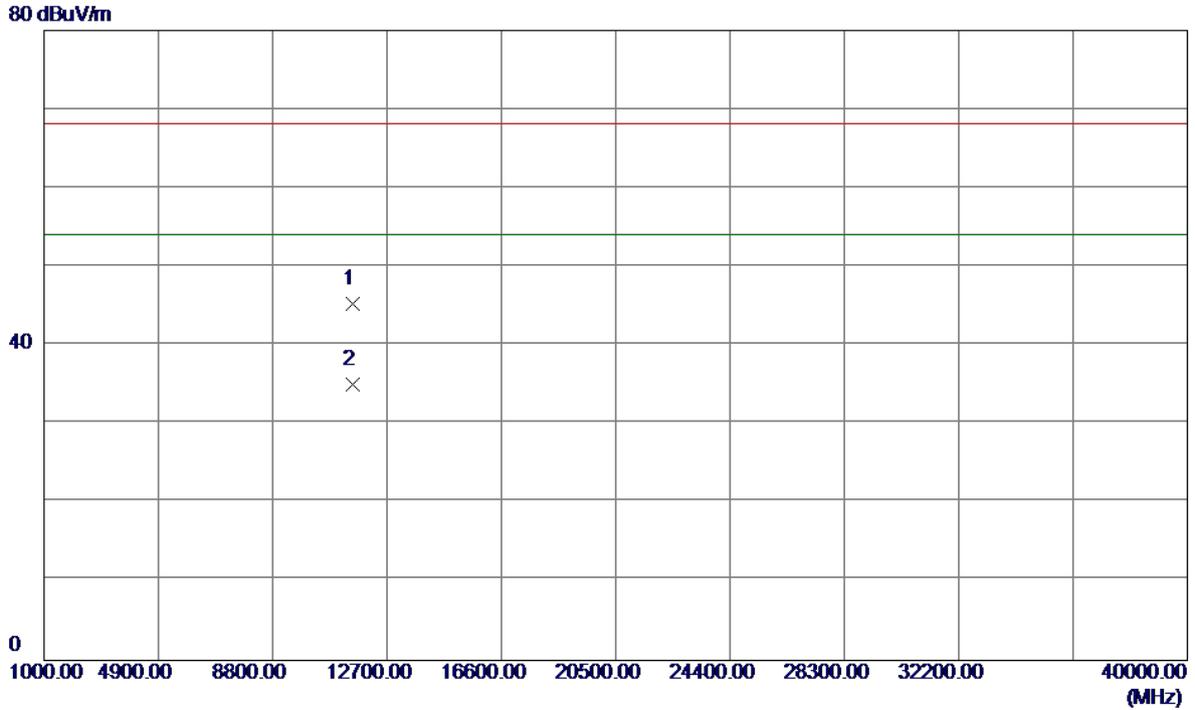
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	32.70	42.55	75.25	109.40	-34.15	Peak	
2	5715.0000	20.72	42.55	63.27	109.40	-46.13	AVG	
3	5725.0000	32.49	42.58	75.07	122.20	-47.13	Peak	
4	5725.0000	24.92	42.58	67.50	122.20	-54.70	AVG	
5 *	5771.1000	65.49	42.74	108.23	122.20	-13.97	Peak	
6	5771.4000	57.31	42.75	100.06	122.20	-22.14	AVG	

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

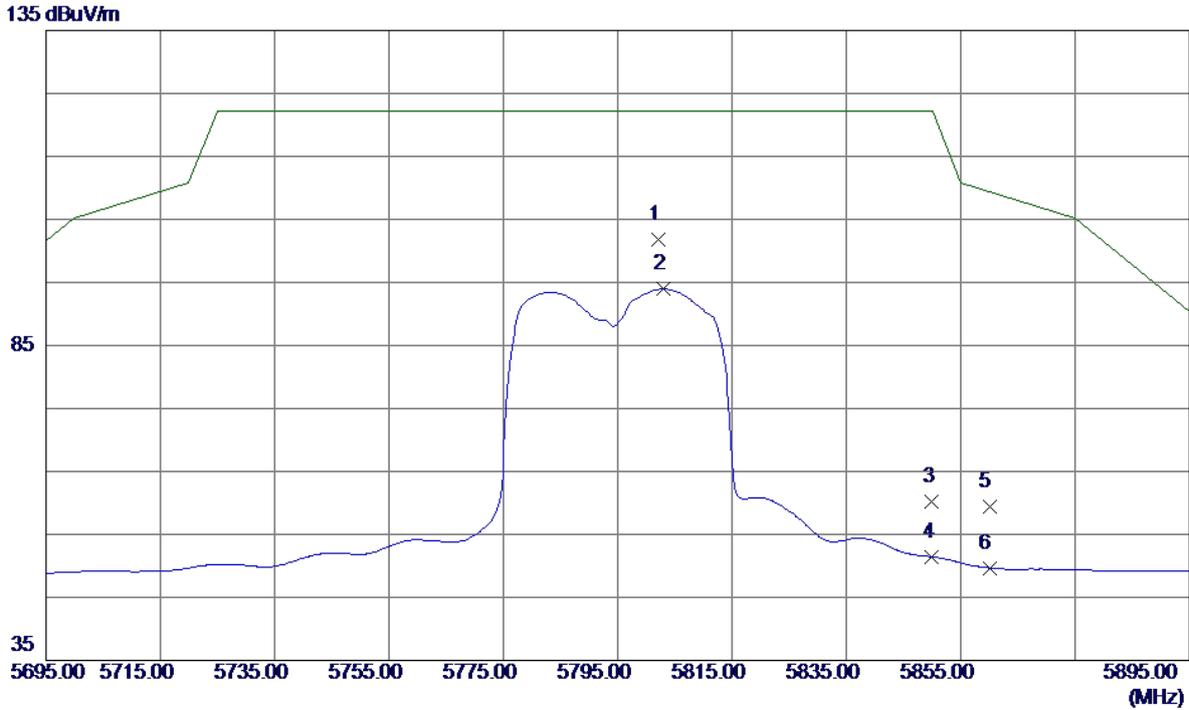
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11510.5700	29.80	15.48	45.28	68.20	-22.92	Peak	
2 *	11510.4200	19.52	15.48	35.00	54.00	-19.00	AVG	

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

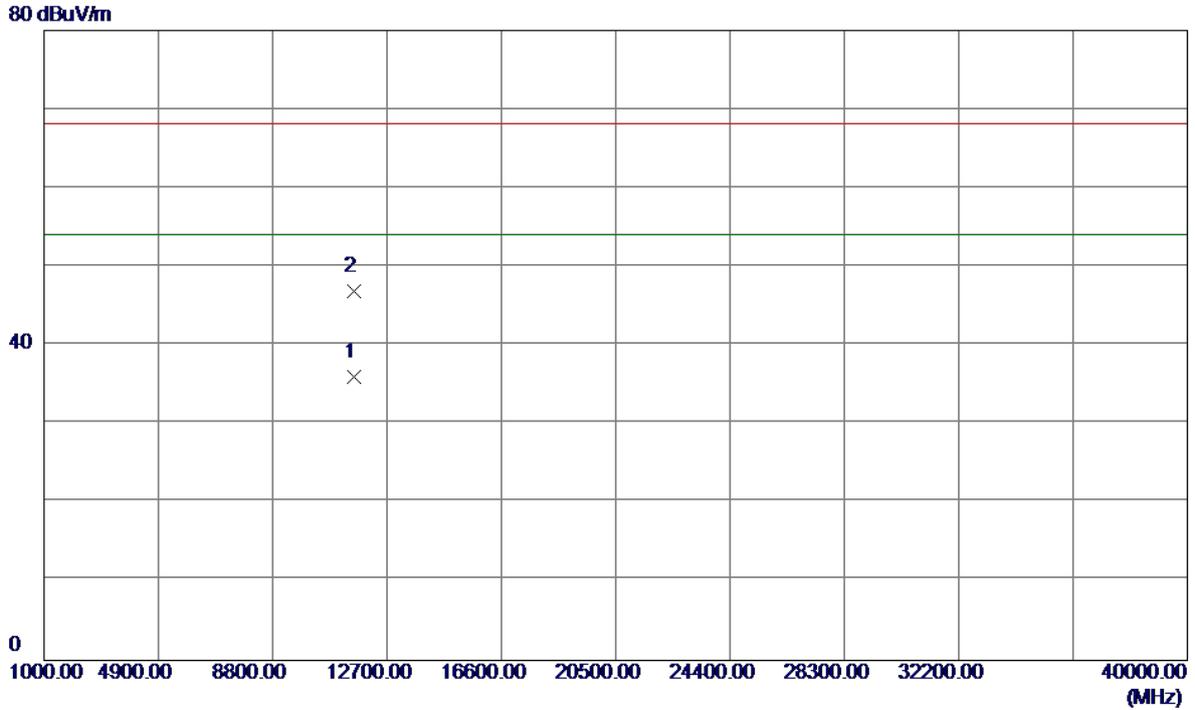
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5802.1000	58.90	42.86	101.76	122.20	-20.44	Peak	
2	5803.0000	51.09	42.86	93.95	122.20	-28.25	AVG	
3	5850.0000	17.25	43.03	60.28	122.20	-61.92	Peak	
4	5850.0000	8.39	43.03	51.42	122.20	-70.78	AVG	
5	5860.0000	16.30	43.06	59.36	109.40	-50.04	Peak	
6	5860.0000	6.61	43.06	49.67	109.40	-59.73	AVG	

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

Vertical

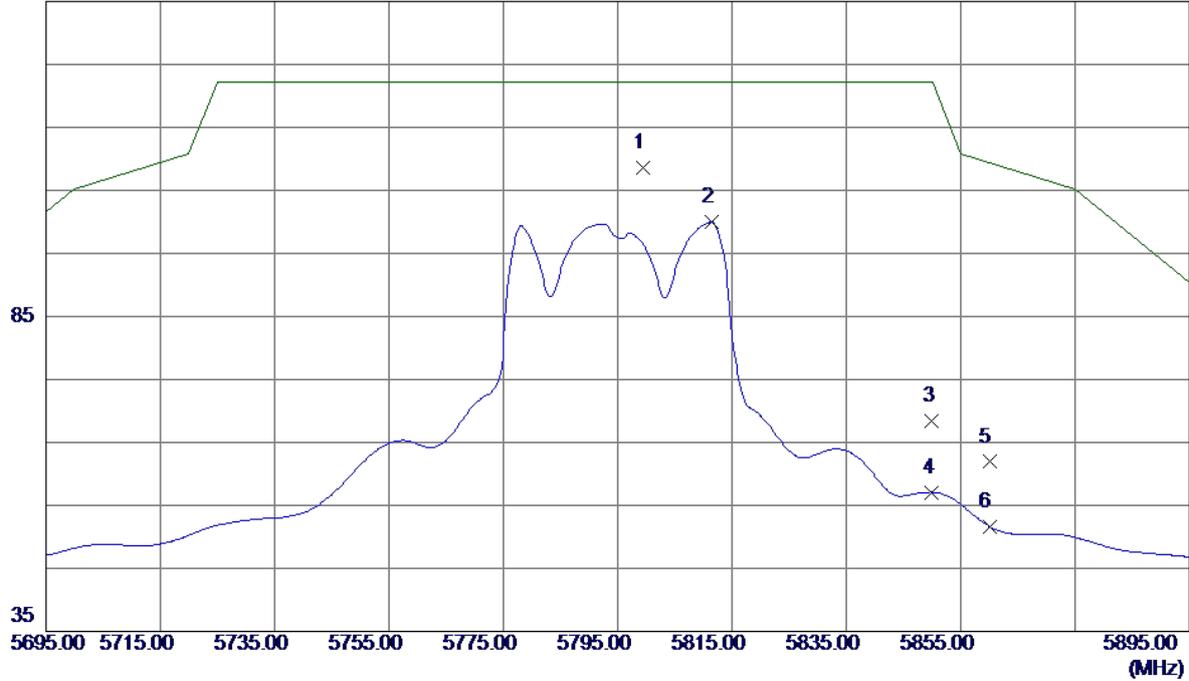


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11590.0500	20.56	15.48	36.04	54.00	-17.96	AVG	
2	11591.4500	31.47	15.48	46.95	68.20	-21.25	Peak	

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

Horizontal

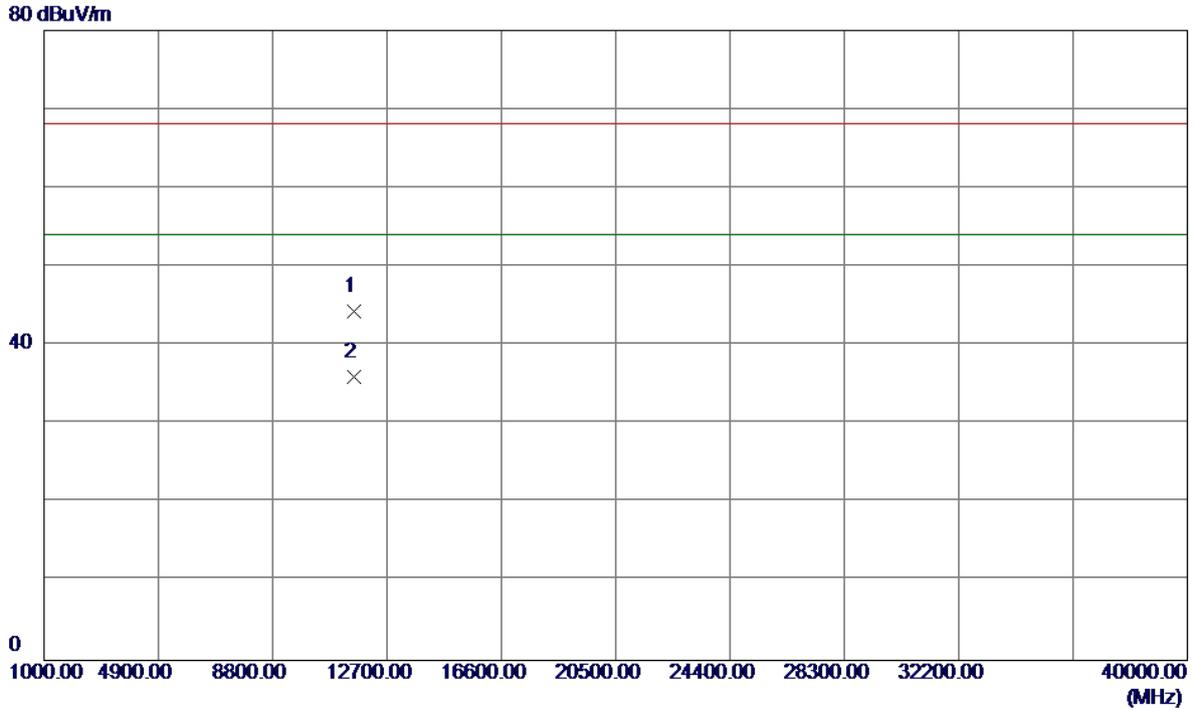
135 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5799.5000	65.83	42.85	108.68	122.20	-13.52	Peak	
2	5811.5000	57.08	42.89	99.97	122.20	-22.23	AVG	
3	5850.0000	25.38	43.03	68.41	122.20	-53.79	Peak	
4	5850.0000	14.06	43.03	57.09	122.20	-65.11	AVG	
5	5860.0000	18.84	43.06	61.90	109.40	-47.50	Peak	
6	5860.0000	8.63	43.06	51.69	109.40	-57.71	AVG	

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

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11590.3800	28.78	15.48	44.26	68.20	-23.94	Peak	
2 *	11590.4200	20.56	15.48	36.04	54.00	-17.96	AVG	