FCC Radio Test Report

FCC ID: ACJ-SU-G30

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

Project No.	:	1510C009A
Equipment	:	Network Audio amplifier
Model Name	:	SU-G30
Applicant	:	Panasonic Corporation of North America
Address	:	Two Riverfront Plaza, 9th Floor Newark New Jersey United States07102-5490

Date of Receipt	:	Oct. 09, 2015
Date of Test	:	Oct. 09, 2015~ Dec. 04, 2015
Issued Date	:	Dec. 07, 2015
Tested by	:	BTL Inc.

Testing Engineer : Niklaus Lai
(Niklaus Lai)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1510C009A	Original Issue.	Dec. 07, 2015

1. CERTIFICATION

Equipment	:	Network Audio amplifier
Brand Name	:	Technics
Model Name	:	SU-G30
Applicant	:	Panasonic Corporation of North America
Manufacturer	:	Panasonic Corporation
Address	:	1-15 Matsuo-cho, Kadoma City, Osaka 571-8504, Japan
Factory	:	Panasonic AVC Networks Johor Malaysia Sdn. Bhd.
Address	:	IE, PLO 460, Jalan Bandar, 81700 PasirGudang, Johor, Malaysia
Date of Test	:	Oct. 09, 2015~ Dec. 04, 2015
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-3-1510C009A) 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 FCC	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9KHz~30MHz	V	3.79
		9KHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Network Audio amplifier	
Brand Name	Technics	
Model Name	SU-G30	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	150Mbps
	Output Power (Max.)for UNII-1 For ANT 1	802.11a: 6.70dBm 802.11n (20M): 6.82dBm 802.11n (40M): 9.67dBm
	Output Power (Max.)for UNII-3 For ANT 1	802.11a: 7.18dBm 802.11n (20M): 7.24dBm 802.11n (40M): 9.55dBm
	Output Power (Max.)for UNII-1 For ANT 2	802.11a: 5.98dBm 802.11n (20M): 6.24dBm 802.11n (40M): 8.61dBm
	Output Power (Max.)for UNII-3 For ANT 2	802.11a: 6.78dBm 802.11n (20M): 6.83dBm 802.11n (40M):8.63dBm
Power Source	AC Mains.	
Power Rating	AC 120V 60Hz 96W	

Note:

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

802.11a 802.11n 20MHz		802.11n 40MHz	
UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220		
48	5240		

802.11a 802.11n 20MHz		802.11n 40MHz	
UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755
153	5765	159	5795
157	5785		
161	5805		
165	5825		

3. Table for Filed Antenna:

Ant.	Manufacture	Model Name	Antenna Type	Connector	Gain (dBi)
1	SANSEI ELECTRIC CO.,Ltd.	N/A	Dipole	N/A	-1.01
2	SANSEI ELECTRIC CO.,Ltd.	N/A	Dipole	N/A	-0.82

Note:
There are two antennas, only one antenna works per time.

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 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 A Mode / CH149,CH157,CH165 (UNII-3)
Mode 5	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 6	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 7	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 7	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 A Mode / CH149,CH157,CH165 (UNII-3)
Mode 5	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 6	TX N40 Mode / CH151,CH159 (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

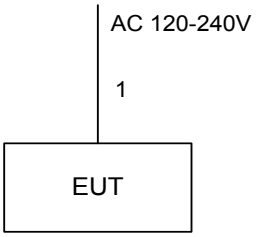
UNII-1_ANT 1			
Test Software Version	Tera Term		
Frequency (MHz)	5180	5200	5240
A Mode	38	38	38
Frequency (MHz)	5180	5200	5240
N20 Mode	38	38	38
Frequency (MHz)	5190	5230	
N40 Mode	38	38	

UNII-3 _ANT 1			
Test Software Version	Tera Term		
Frequency (MHz)	5745	5785	5825
A Mode	38	38	38
Frequency (MHz)	5745	5785	5825
N20 Mode	38	38	38
Frequency (MHz)	5755	5795	
N40 Mode	38	38	

UNII-1_ANT 2			
Test Software Version	Tera Term		
Frequency (MHz)	5180	5200	5240
A Mode	38	38	38
Frequency (MHz)	5180	5200	5240
N20 Mode	38	38	38
Frequency (MHz)	5190	5230	
N40 Mode	38	38	

UNII-3 _ANT 2			
Test Software Version	Tera Term		
Frequency (MHz)	5745	5785	5825
A Mode	38	38	38
Frequency (MHz)	5745	5785	5825
N20 Mode	38	38	38
Frequency (MHz)	5755	5795	
N40 Mode	38	38	

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	AC Main 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.

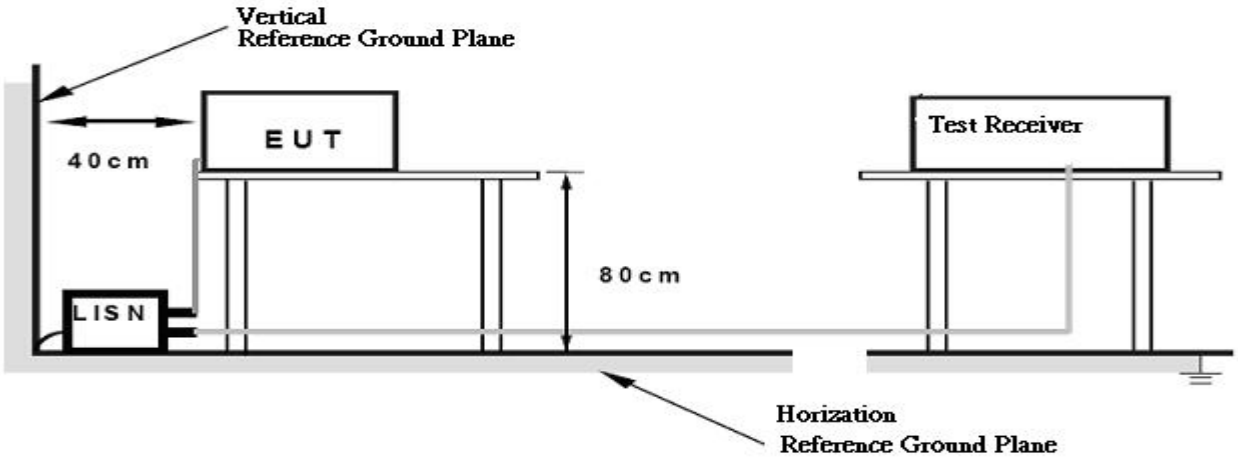
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(2) Measuring frequency range from 150kHz to 30MHz。

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Note:

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

4.2.2 TEST PROCEDURE

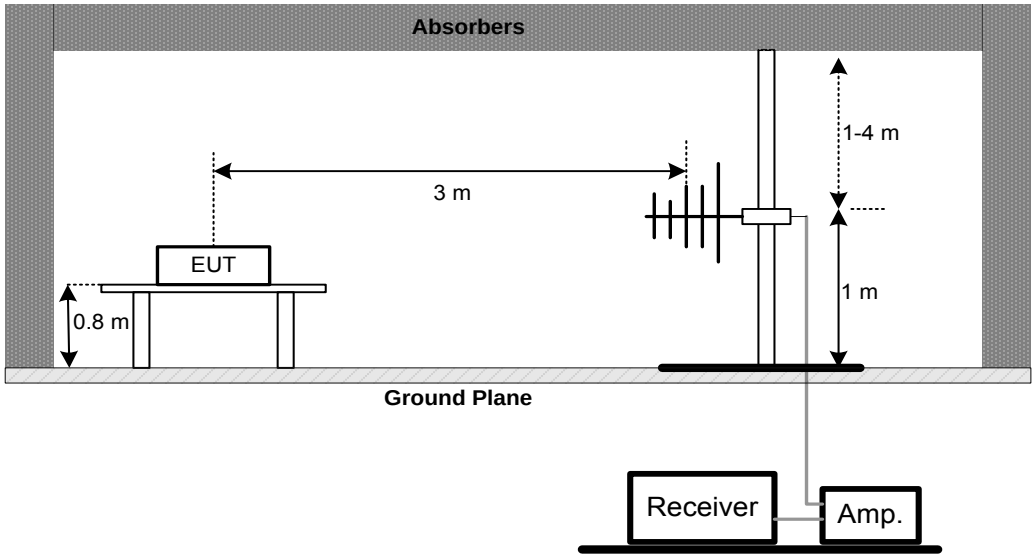
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
f. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

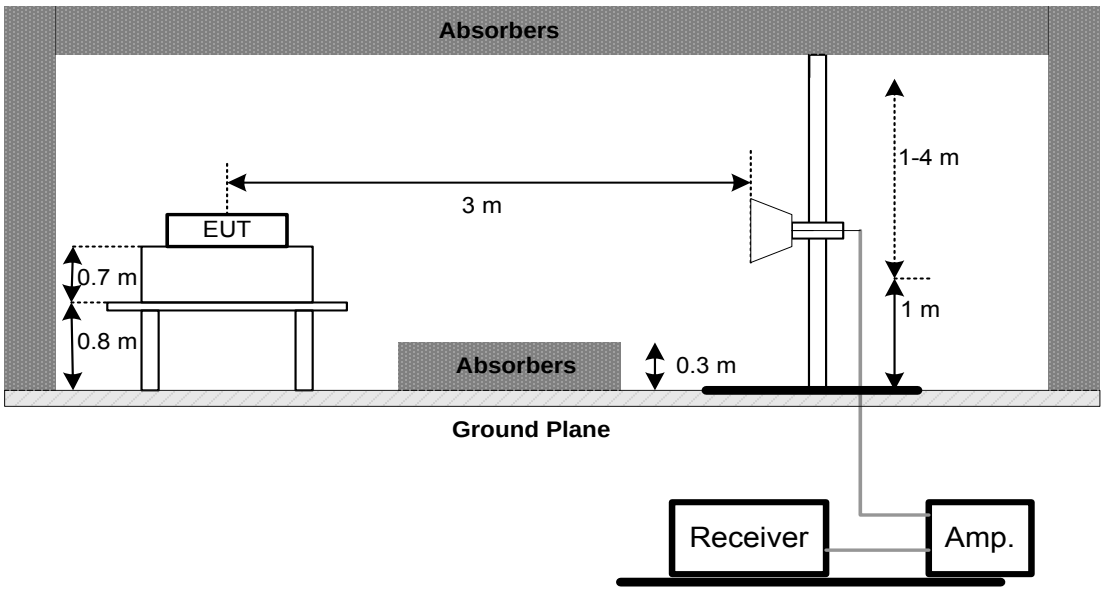
No deviation

4.2.4 TEST SETUP

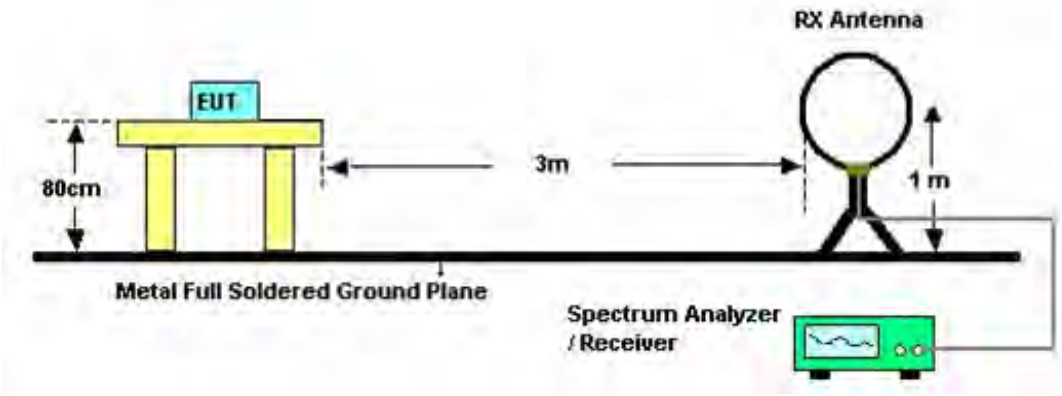
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

(1) Measuring frequency range from 30MHz to 1000MHz ◦
(2) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
(2) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(3) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(4) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(5) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
(6) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
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.

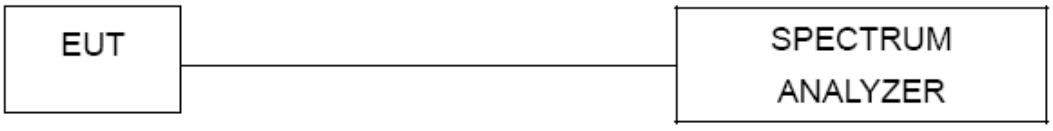
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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: 24°C Relative Humidity: 52% 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.

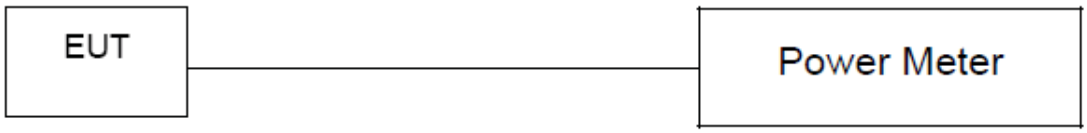
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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: 24°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

b.

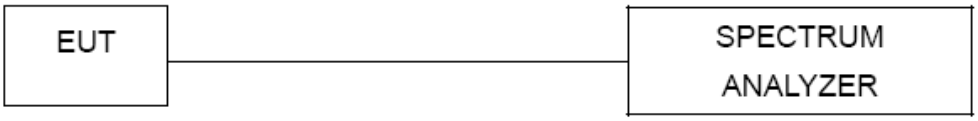
Spectrum Parameter	Setting
Attenuation	Auto
RBW	1000kHz
VBW	1000kHz
Trace	Max Hold
Sweep Time	Auto

c. Offset=antenna gain+cable loss

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

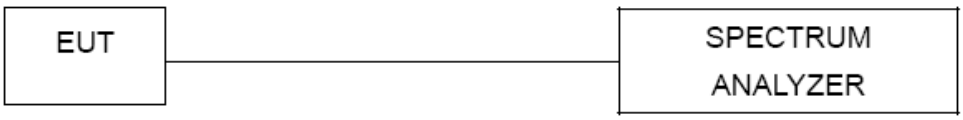
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

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

8.1.4 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 52% Test Voltage: AC 120V/60Hz

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

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

9.1.1 TEST PROCEDURE

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

b.

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

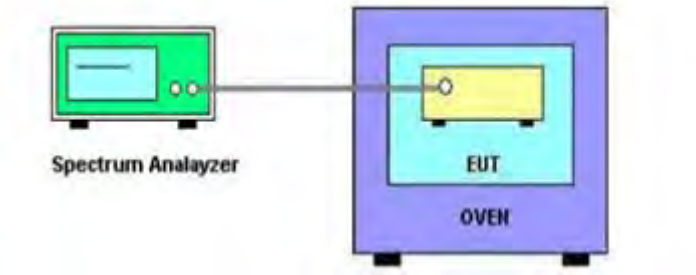
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~50°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

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

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz -30MHz)	C_17	Mar. 13, 2016
4	EMI Test Receiver	R&S	ESCS30	826547/022	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1 -01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	Antenna	ETS	3115	00075789	Mar. 28, 2016
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 28, 2016
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	power Meter	ANRITSU	ML2495A	1128009	Mar. 28, 2016
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 28, 2016

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

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

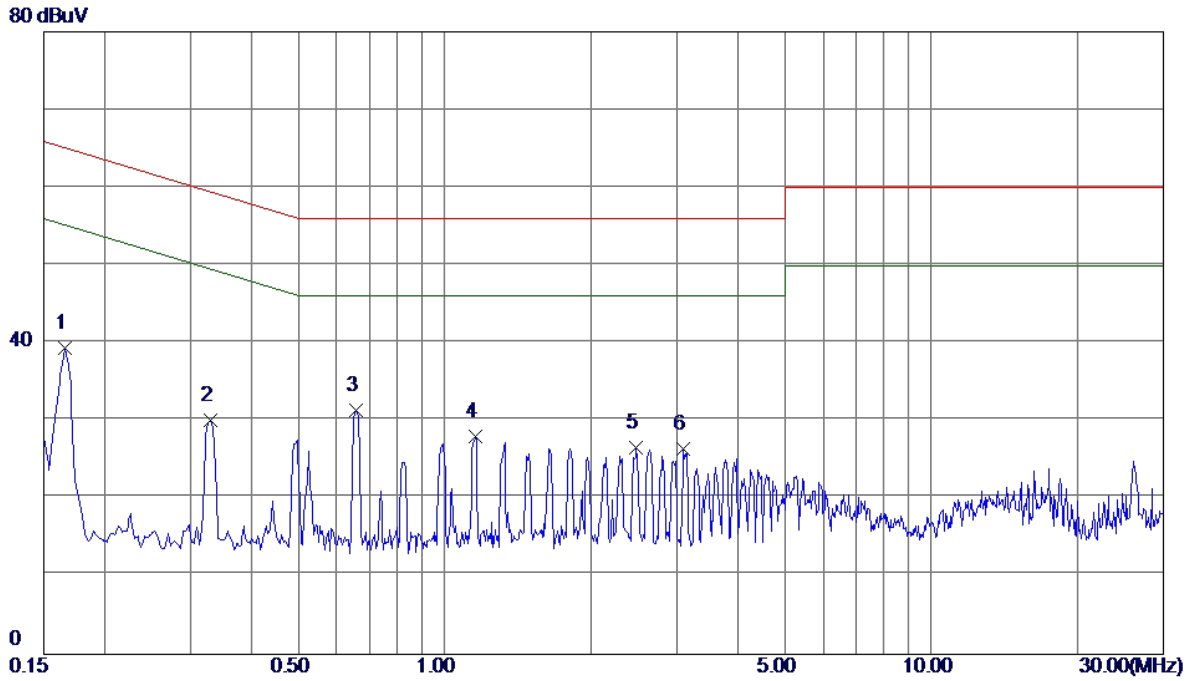
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Const Temp. & Humidity Chamber	Giant Force	ITH-225-20-S	IAB0309-001	Dec.12, 2015

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

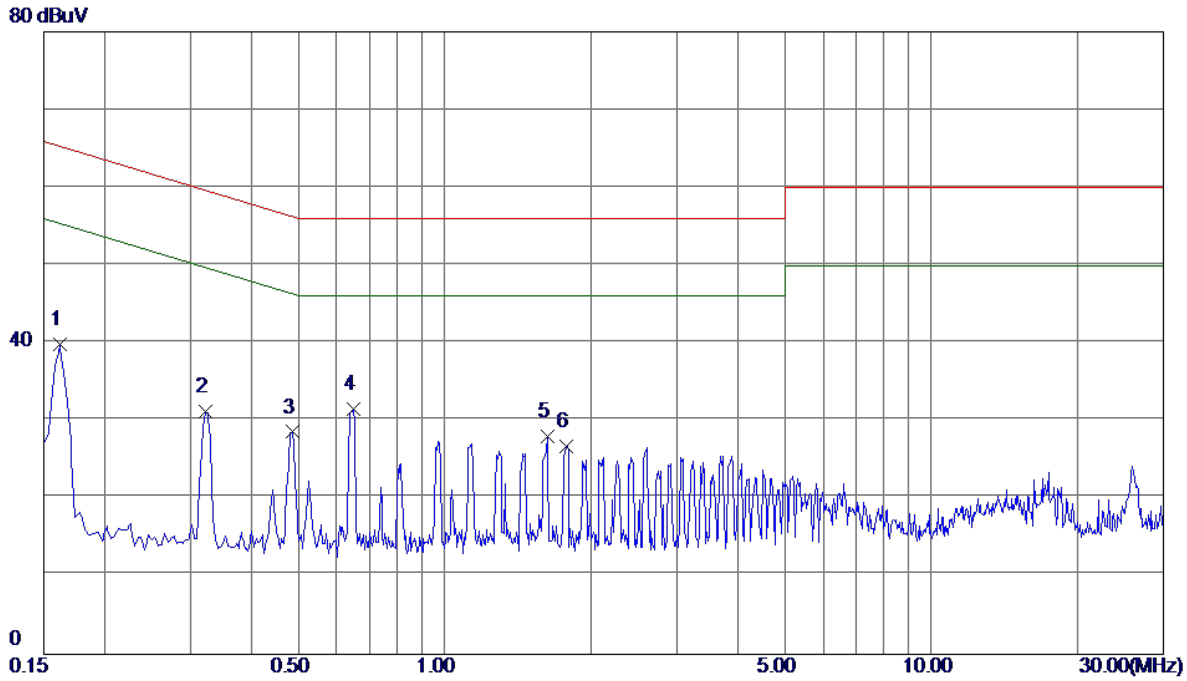


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1660	29.75	9.56	39.31	65.16	-25.85	Peak	
2	0.3300	20.44	9.64	30.08	59.45	-29.37	Peak	
3	0.6580	21.69	9.73	31.42	56.00	-24.58	Peak	
4	1.1539	18.12	9.81	27.93	56.00	-28.07	Peak	
5	2.4780	16.54	9.99	26.53	56.00	-29.47	Peak	
6	3.0980	16.40	10.03	26.43	56.00	-29.57	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1620	30.34	9.48	39.82	65.36	-25.54	Peak	
2	0.3220	21.63	9.53	31.16	59.66	-28.50	Peak	
3	0.4860	19.00	9.56	28.56	56.24	-27.68	Peak	
4	0.6500	22.00	9.54	31.54	56.00	-24.46	Peak	
5	1.6260	18.28	9.68	27.96	56.00	-28.04	Peak	
6	1.7780	17.04	9.69	26.73	56.00	-29.27	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0121	0°	13.54	24.8003	38.3403	125.9485	-87.6082	AVG
0.0121	0°	14.36	24.8003	39.1603	145.9485	-106.7882	PEAK
0.0263	0°	6.31	23.9010	30.2110	119.2051	-88.9941	AVG
0.0263	0°	8.22	23.9010	32.1210	139.2051	-107.0841	PEAK
0.0375	0°	3.27	23.1917	26.4617	116.1236	-89.6619	AVG
0.0375	0°	5.31	23.1917	28.5017	136.1236	-107.6219	PEAK
0.0542	0°	1.23	22.3160	23.5460	112.9242	-89.3782	AVG
0.0542	0°	2.62	22.3160	24.9360	132.9242	-107.9882	PEAK
0.5024	0°	19.31	19.8077	39.1177	73.5832	-34.4656	QP
1.9573	0°	23.63	19.5043	43.1343	69.5400	-26.4057	QP

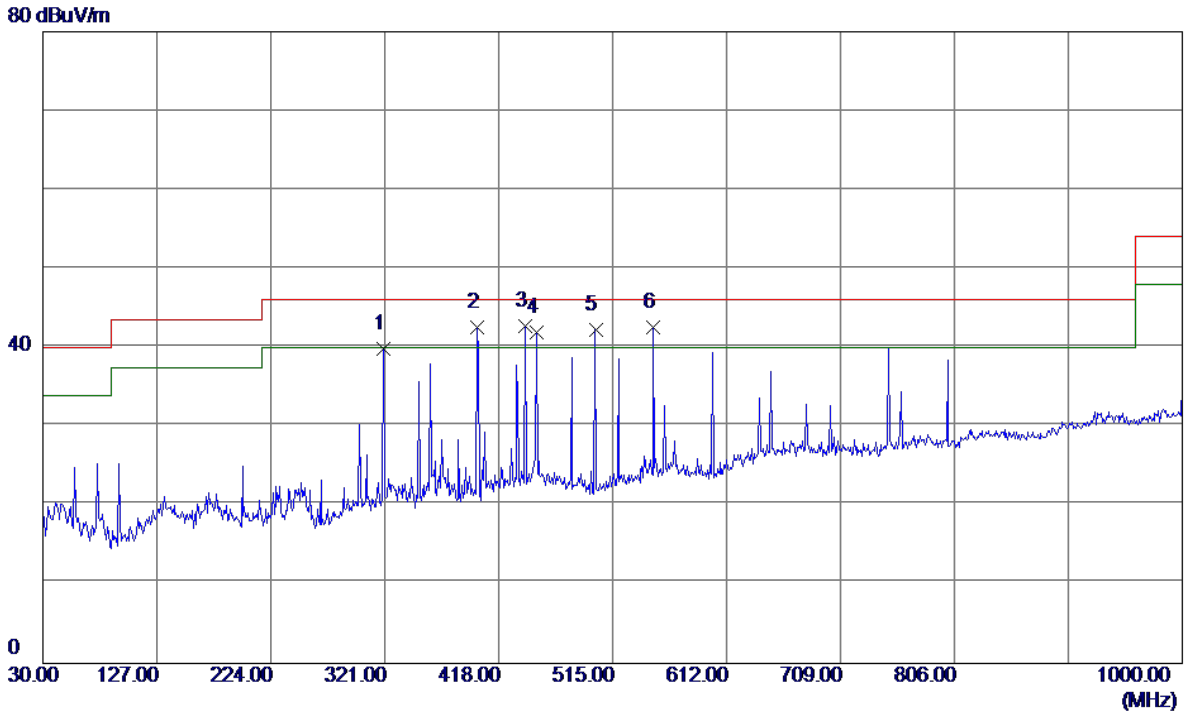
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0134	90°	13.42	24.3000	37.7200	125.0621	-87.3421	AVG
0.0134	90°	14.53	24.3000	38.8300	145.0621	-106.2321	PEAK
0.0251	90°	7.41	23.9770	31.3870	119.6108	-88.2238	AVG
0.0251	90°	8.47	23.9770	32.4470	139.6108	-107.1638	PEAK
0.0454	90°	5.31	22.6913	28.0013	114.4631	-86.4618	AVG
0.0454	90°	6.52	22.6913	29.2113	134.4631	-105.2518	PEAK
0.0532	90°	1.46	22.3360	23.7960	113.0860	-89.2900	AVG
0.0532	90°	2.51	22.3360	24.8460	133.0860	-108.2400	PEAK
0.6247	90°	22.62	20.1990	42.8190	71.6908	-28.8718	QP
2.0518	90°	24.37	19.4689	43.8389	69.5400	-25.7011	QP

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

For ANT 1

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

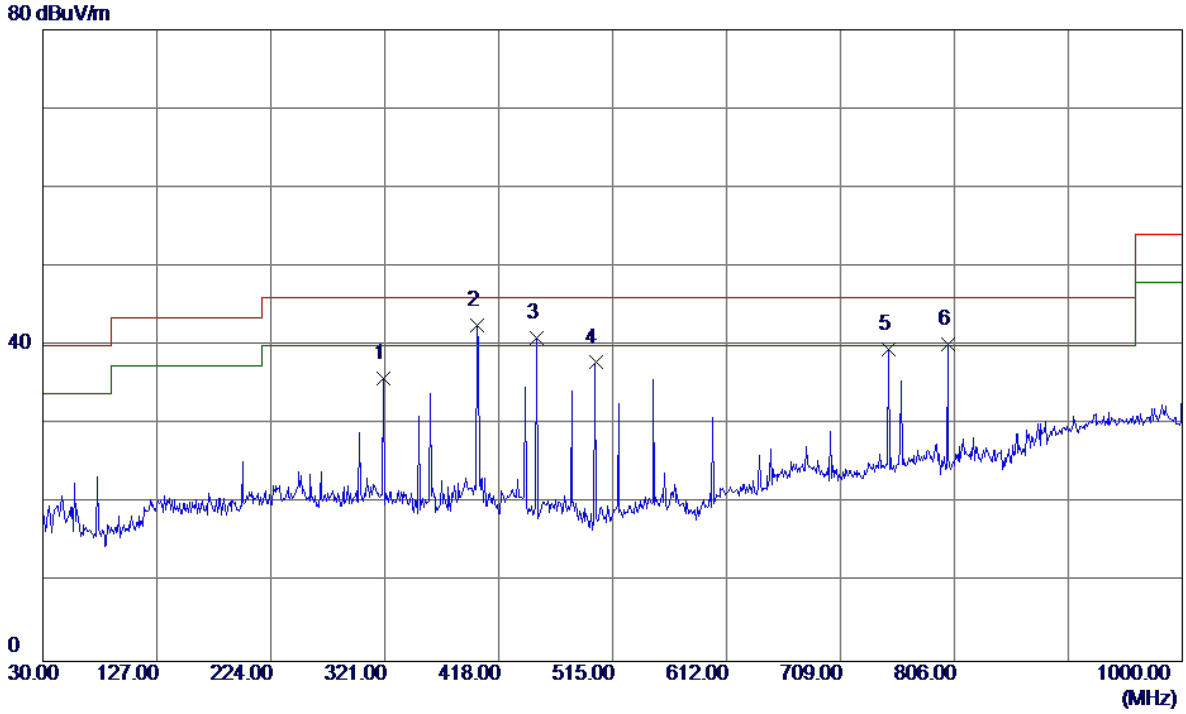
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	320.0300	49.57	-9.72	39.85	46.00	-6.15	Peak	
2	399.5700	49.84	-7.29	42.55	46.00	-3.45	Peak	
3	440.3100	48.88	-6.16	42.72	46.00	-3.28	Peak	
4	450.0100	47.77	-5.90	41.87	46.00	-4.13	Peak	
5	500.4500	49.63	-7.36	42.27	46.00	-3.73	Peak	
6	549.9200	47.22	-4.62	42.60	46.00	-3.40	Peak	

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

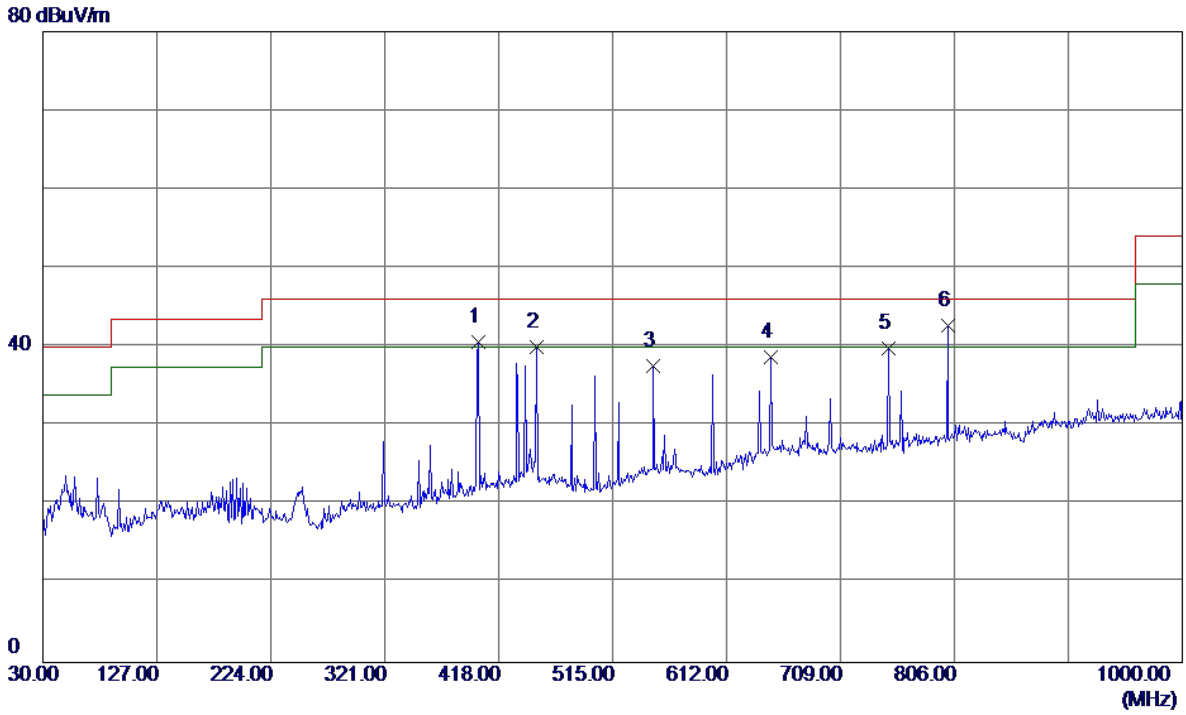
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	320.0300	45.59	-9.72	35.87	46.00	-10.13	Peak	
2	399.5700	49.87	-7.29	42.58	46.00	-3.42	Peak	
3	450.0100	46.80	-5.90	40.90	46.00	-5.10	Peak	
4	500.4500	45.20	-7.36	37.84	46.00	-8.16	Peak	
5	749.7400	41.00	-1.42	39.58	46.00	-6.42	Peak	
6	800.1800	39.99	0.16	40.15	46.00	-5.85	Peak	

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

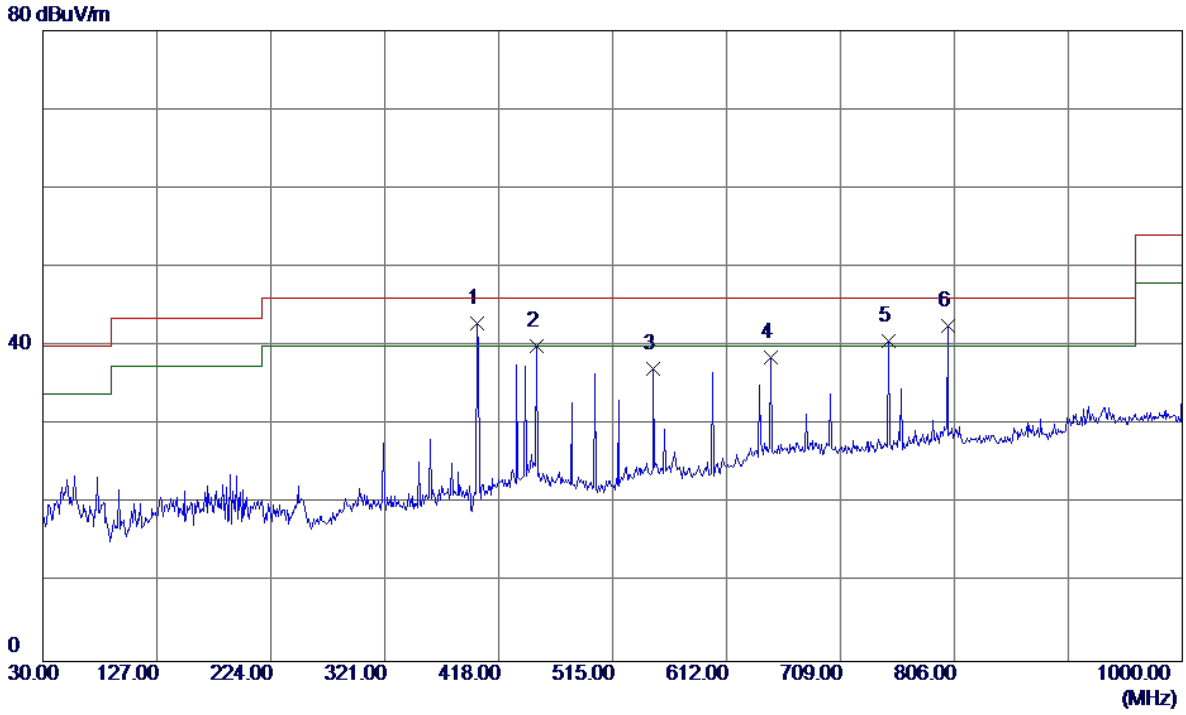
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	400.5400	47.83	-7.25	40.58	46.00	-5.42	Peak	
2	450.0100	45.90	-5.90	40.00	46.00	-6.00	Peak	
3	549.9200	42.26	-4.62	37.64	46.00	-8.36	Peak	
4	649.8300	40.32	-1.65	38.67	46.00	-7.33	Peak	
5	749.7400	41.26	-1.42	39.84	46.00	-6.16	Peak	
6	800.1800	42.62	0.16	42.78	46.00	-3.22	Peak	

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

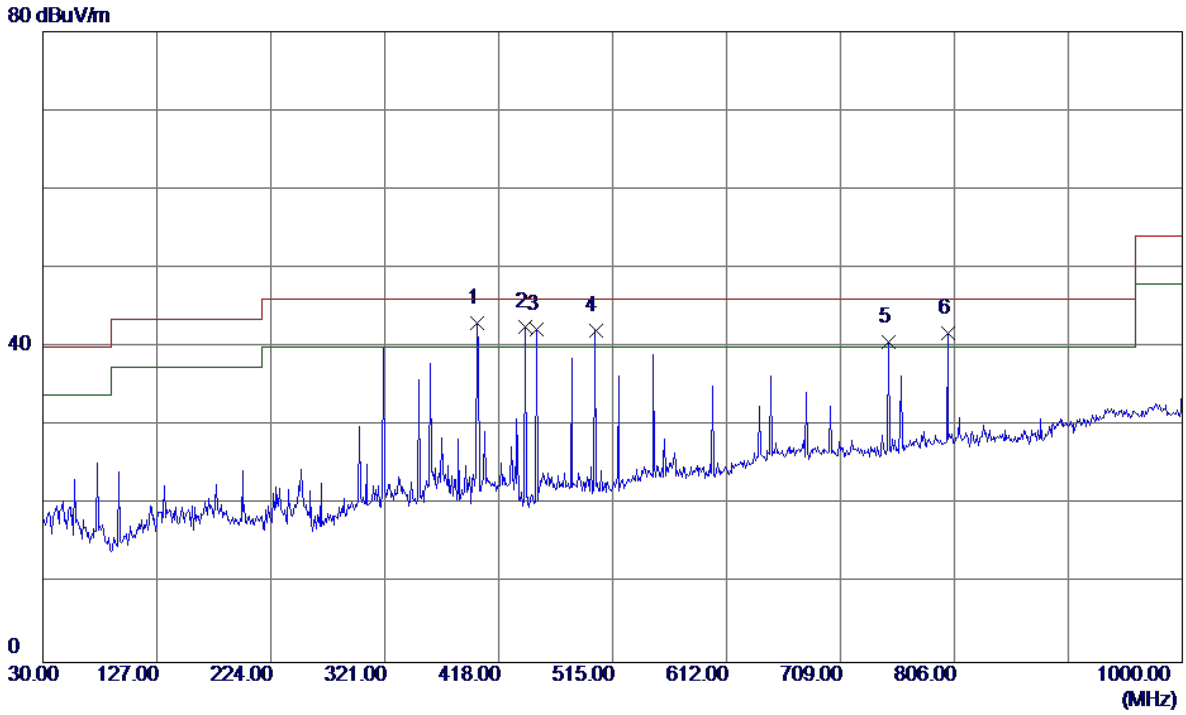
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	50.23	-7.29	42.94	46.00	-3.06	Peak	
2	450.0100	45.97	-5.90	40.07	46.00	-5.93	Peak	
3	549.9200	41.67	-4.62	37.05	46.00	-8.95	Peak	
4	649.8300	40.22	-1.65	38.57	46.00	-7.43	Peak	
5	749.7400	41.99	-1.42	40.57	46.00	-5.43	Peak	
6	800.1800	42.47	0.16	42.63	46.00	-3.37	Peak	

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

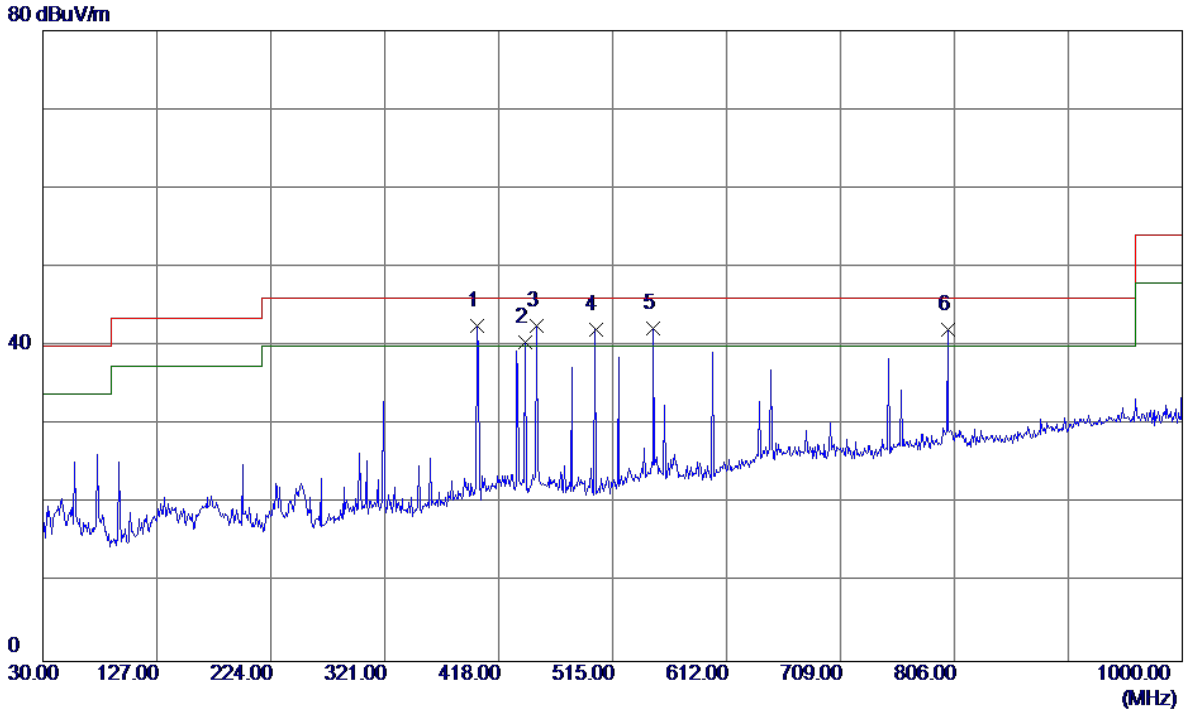
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	50.29	-7.29	43.00	46.00	-3.00	Peak	
2	440.3100	48.68	-6.16	42.52	46.00	-3.48	Peak	
3	450.0100	48.18	-5.90	42.28	46.00	-3.72	Peak	
4	500.4500	49.46	-7.36	42.10	46.00	-3.90	Peak	
5	749.7400	42.04	-1.42	40.62	46.00	-5.38	Peak	
6	800.1800	41.61	0.16	41.77	46.00	-4.23	Peak	

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

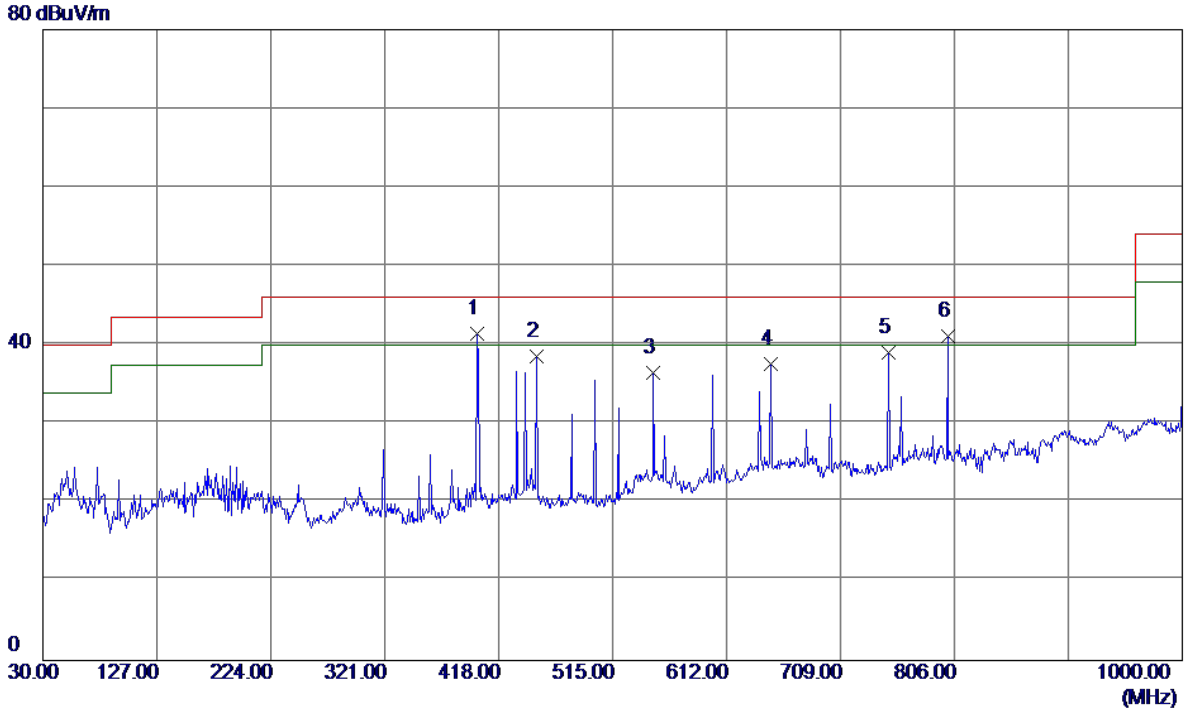
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	49.92	-7.29	42.63	46.00	-3.37	Peak	
2	440.3100	46.67	-6.16	40.51	46.00	-5.49	Peak	
3	450.0100	48.50	-5.90	42.60	46.00	-3.40	Peak	
4	500.4500	49.48	-7.36	42.12	46.00	-3.88	Peak	
5	549.9200	46.86	-4.62	42.24	46.00	-3.76	Peak	
6	800.1800	41.98	0.16	42.14	46.00	-3.86	Peak	

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

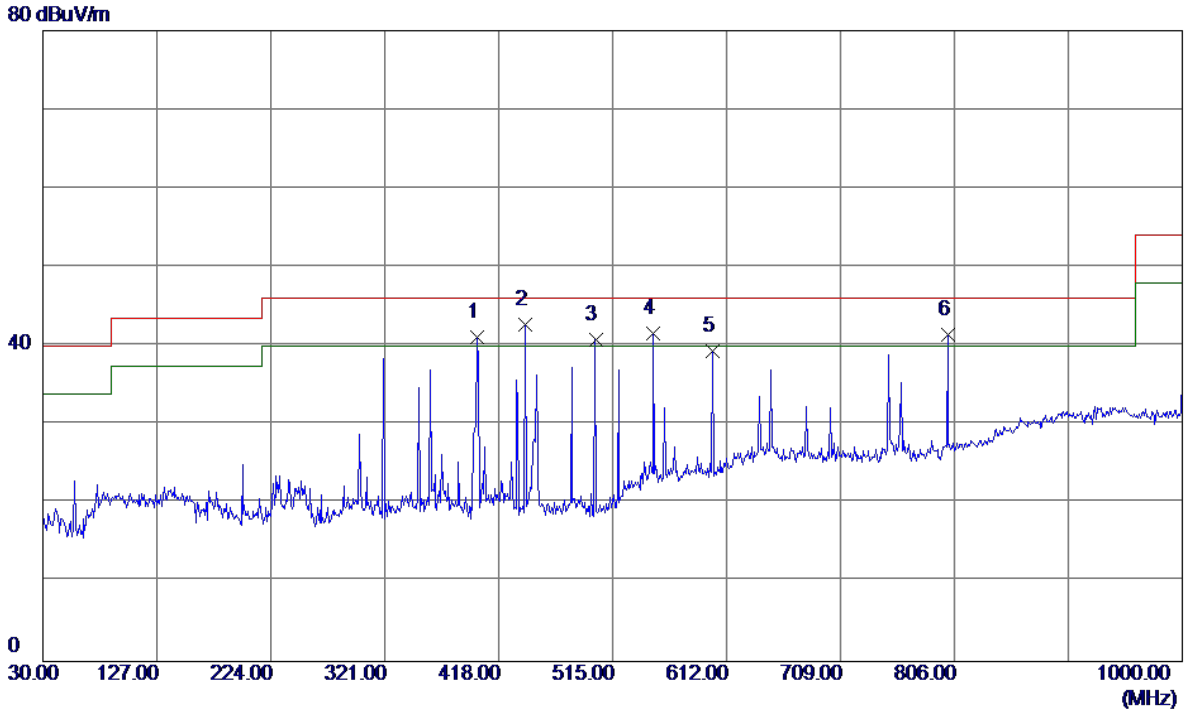
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	48.73	-7.29	41.44	46.00	-4.56	Peak	
2	450.0100	44.47	-5.90	38.57	46.00	-7.43	Peak	
3	549.9200	41.17	-4.62	36.55	46.00	-9.45	Peak	
4	649.8300	39.22	-1.65	37.57	46.00	-8.43	Peak	
5	749.7400	40.49	-1.42	39.07	46.00	-6.93	Peak	
6	800.1800	40.97	0.16	41.13	46.00	-4.87	Peak	

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

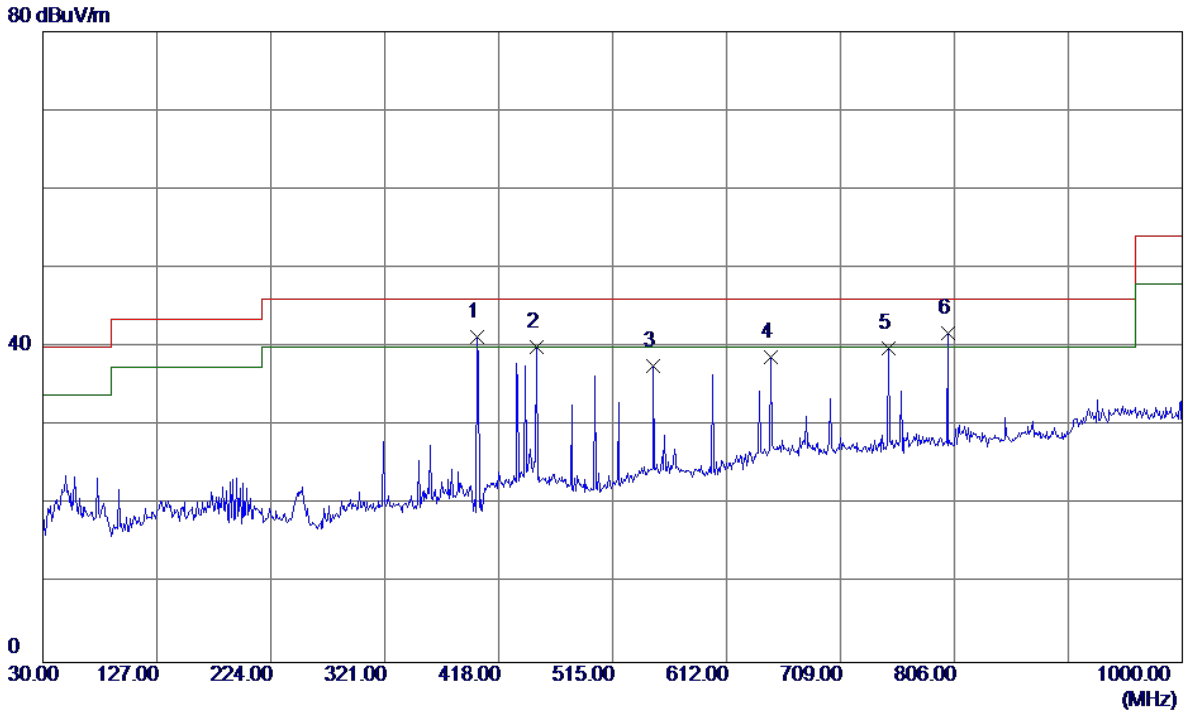
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	48.34	-7.29	41.05	46.00	-4.95	Peak	
2	440.3100	48.88	-6.16	42.72	46.00	-3.28	Peak	
3	500.4500	48.13	-7.36	40.77	46.00	-5.23	Peak	
4	549.9200	46.22	-4.62	41.60	46.00	-4.40	Peak	
5	600.3600	43.99	-4.62	39.37	46.00	-6.63	Peak	
6	800.1800	41.29	0.16	41.45	46.00	-4.55	Peak	

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

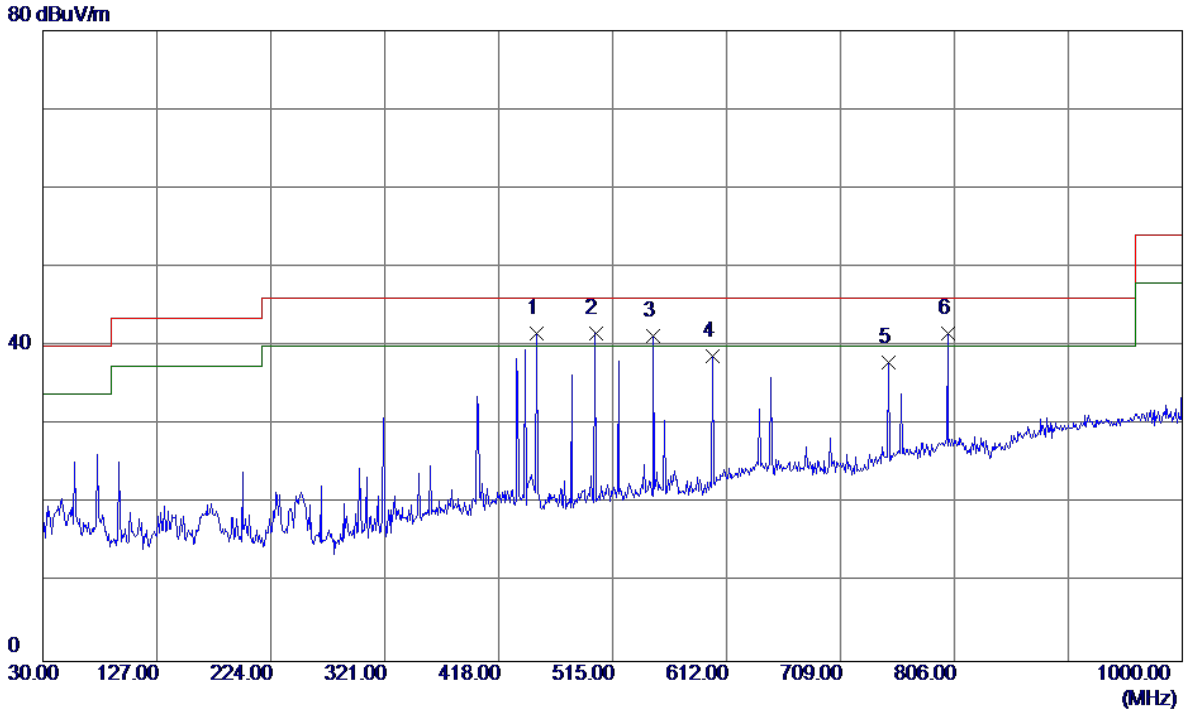
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	48.64	-7.29	41.35	46.00	-4.65	Peak	
2	450.0100	45.90	-5.90	40.00	46.00	-6.00	Peak	
3	549.9200	42.26	-4.62	37.64	46.00	-8.36	Peak	
4	649.8300	40.32	-1.65	38.67	46.00	-7.33	Peak	
5	749.7400	41.26	-1.42	39.84	46.00	-6.16	Peak	
6	800.1800	41.62	0.16	41.78	46.00	-4.22	Peak	

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

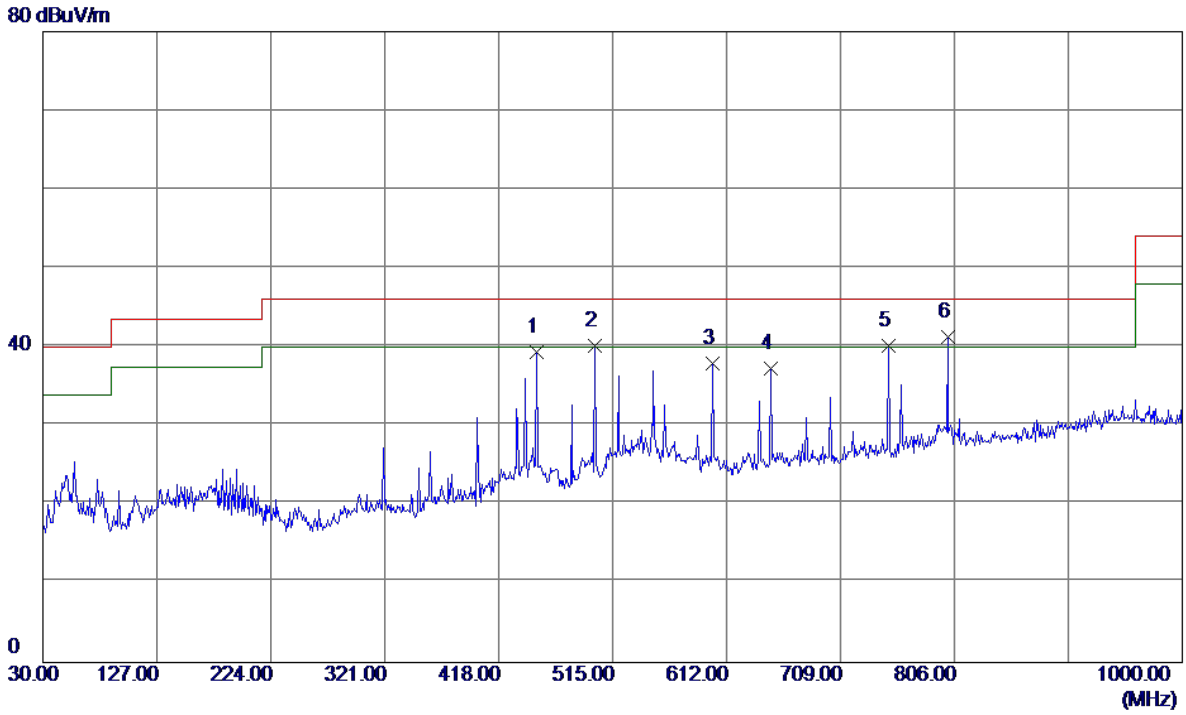
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	450.0100	47.50	-5.90	41.60	46.00	-4.40	Peak	
2	500.4500	48.98	-7.36	41.62	46.00	-4.38	Peak	
3	549.9200	45.86	-4.62	41.24	46.00	-4.76	Peak	
4	600.3600	43.32	-4.62	38.70	46.00	-7.30	Peak	
5	749.7400	39.29	-1.42	37.87	46.00	-8.13	Peak	
6	800.1800	41.48	0.16	41.64	46.00	-4.36	Peak	

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

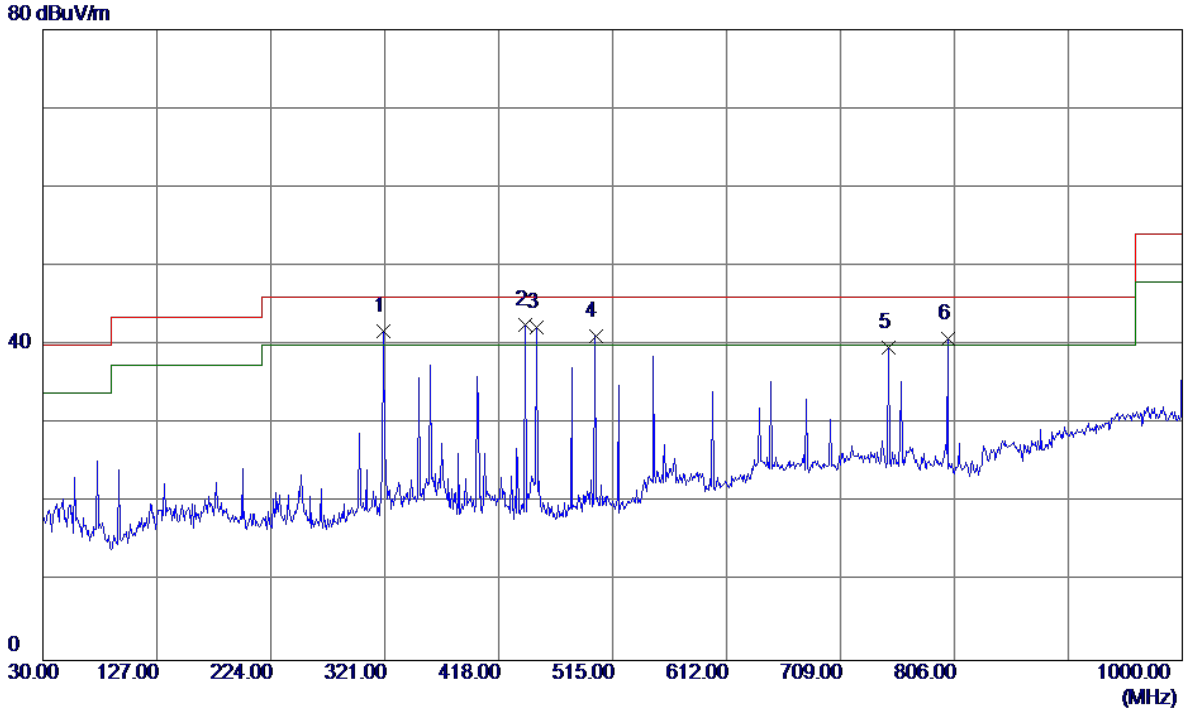
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	450.0100	45.23	-5.90	39.33	46.00	-6.67	Peak	
2	499.4800	47.47	-7.37	40.10	46.00	-5.90	Peak	
3	600.3600	42.55	-4.62	37.93	46.00	-8.07	Peak	
4	649.8300	38.95	-1.65	37.30	46.00	-8.70	Peak	
5	749.7400	41.58	-1.42	40.16	46.00	-5.84	Peak	
6	800.1800	41.05	0.16	41.21	46.00	-4.79	Peak	

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

Horizontal

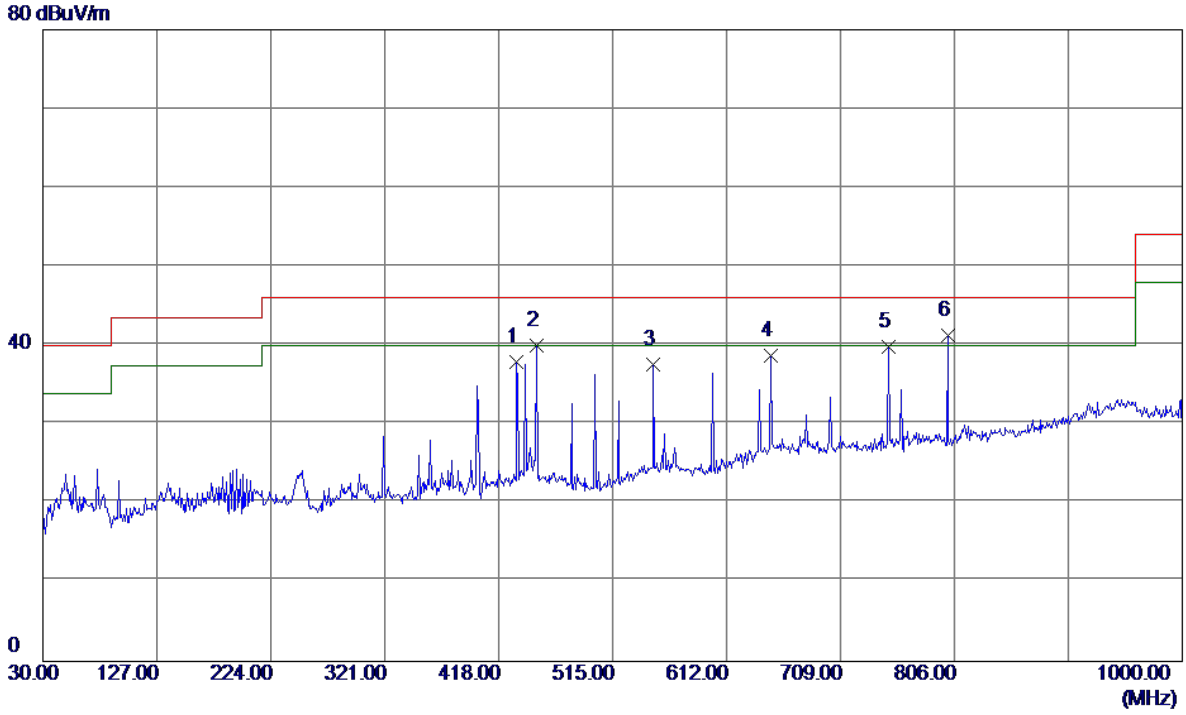


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	320.0300	51.48	-9.72	41.76	46.00	-4.24	Peak	
2	440.3100	48.68	-6.16	42.52	46.00	-3.48	Peak	
3	450.0100	48.18	-5.90	42.28	46.00	-3.72	Peak	
4	500.4500	48.46	-7.36	41.10	46.00	-4.90	Peak	
5	749.7400	41.04	-1.42	39.62	46.00	-6.38	Peak	
6	800.1800	40.61	0.16	40.77	46.00	-5.23	Peak	

For ANT 2

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

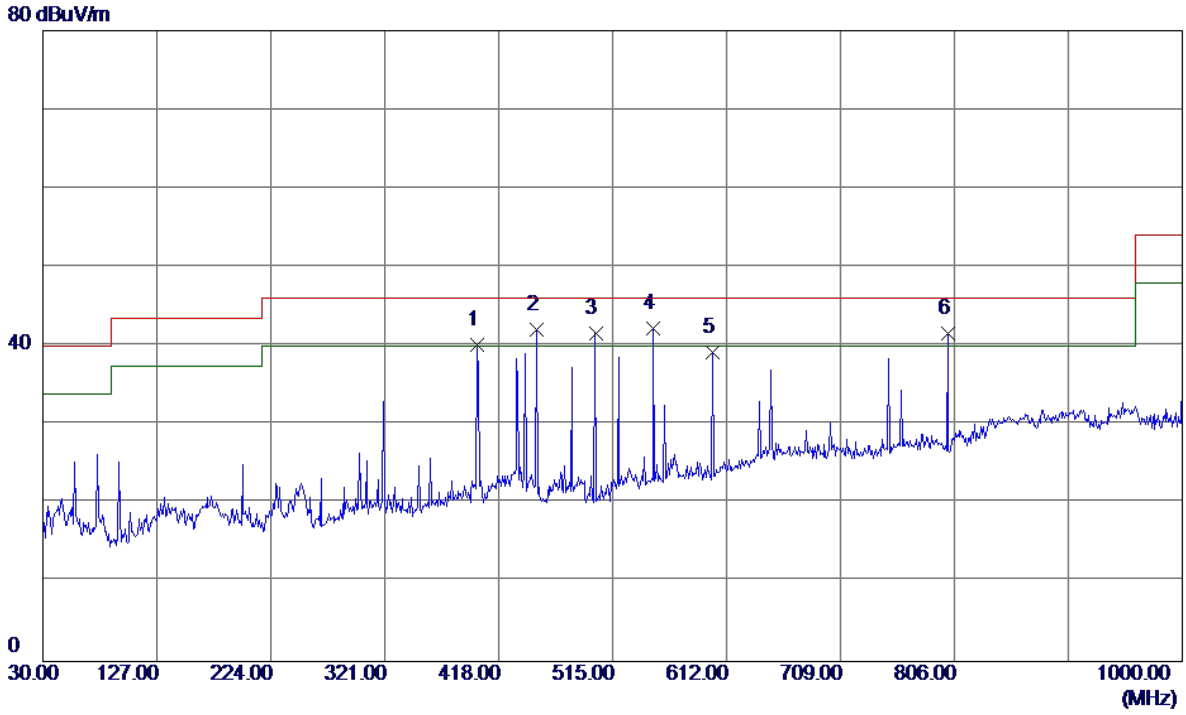
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	433.5200	44.27	-6.35	37.92	46.00	-8.08	Peak	
2	450.0100	45.90	-5.90	40.00	46.00	-6.00	Peak	
3	549.9200	42.26	-4.62	37.64	46.00	-8.36	Peak	
4	649.8300	40.32	-1.65	38.67	46.00	-7.33	Peak	
5	749.7400	41.26	-1.42	39.84	46.00	-6.16	Peak	
6	800.1800	41.12	0.16	41.28	46.00	-4.72	Peak	

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

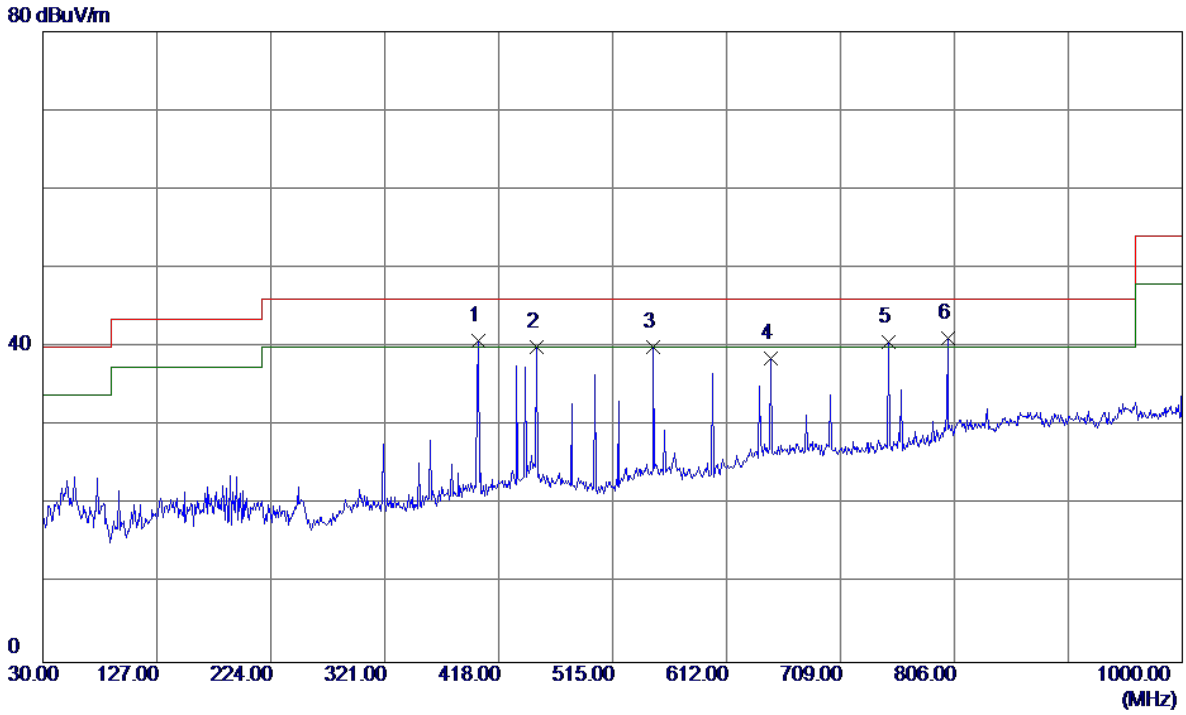
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	47.42	-7.29	40.13	46.00	-5.87	Peak	
2	450.0100	48.00	-5.90	42.10	46.00	-3.90	Peak	
3	500.4500	48.98	-7.36	41.62	46.00	-4.38	Peak	
4	549.9200	46.86	-4.62	42.24	46.00	-3.76	Peak	
5	600.3600	43.82	-4.62	39.20	46.00	-6.80	Peak	
6	800.1800	41.48	0.16	41.64	46.00	-4.36	Peak	

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

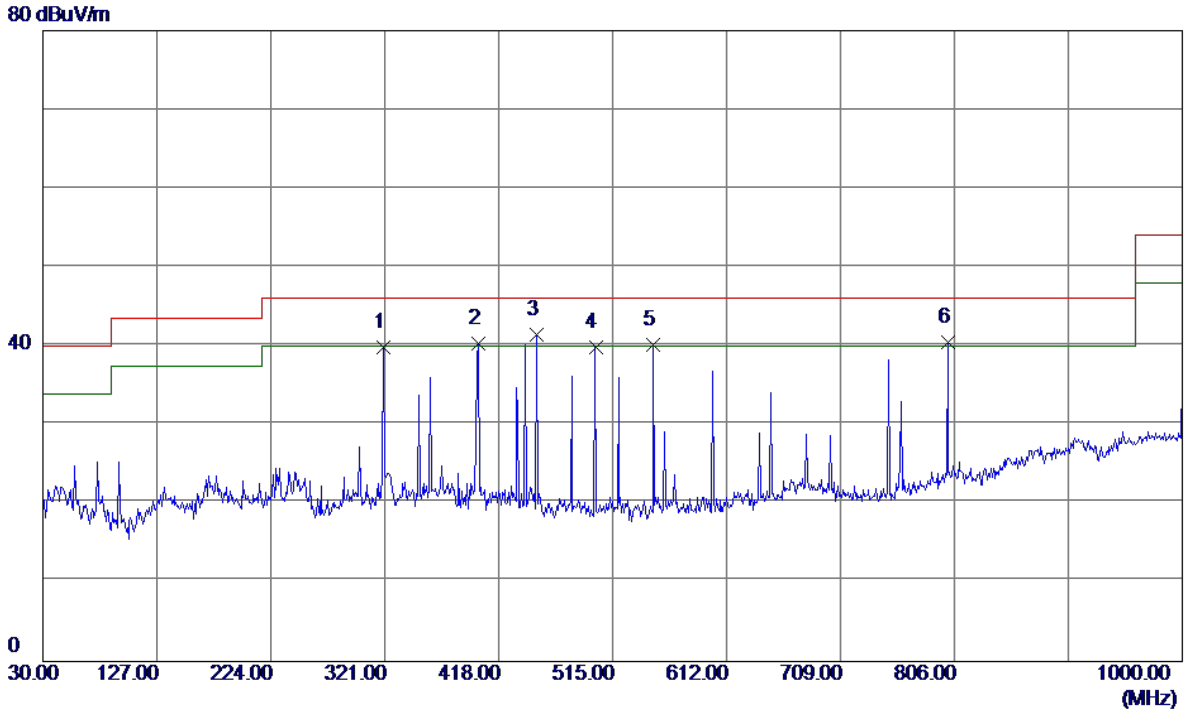
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	400.5400	47.98	-7.25	40.73	46.00	-5.27	Peak	
2	450.0100	45.97	-5.90	40.07	46.00	-5.93	Peak	
3	549.9200	44.67	-4.62	40.05	46.00	-5.95	Peak	
4	649.8300	40.22	-1.65	38.57	46.00	-7.43	Peak	
5	749.7400	41.99	-1.42	40.57	46.00	-5.43	Peak	
6	800.1800	40.97	0.16	41.13	46.00	-4.87	Peak	

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

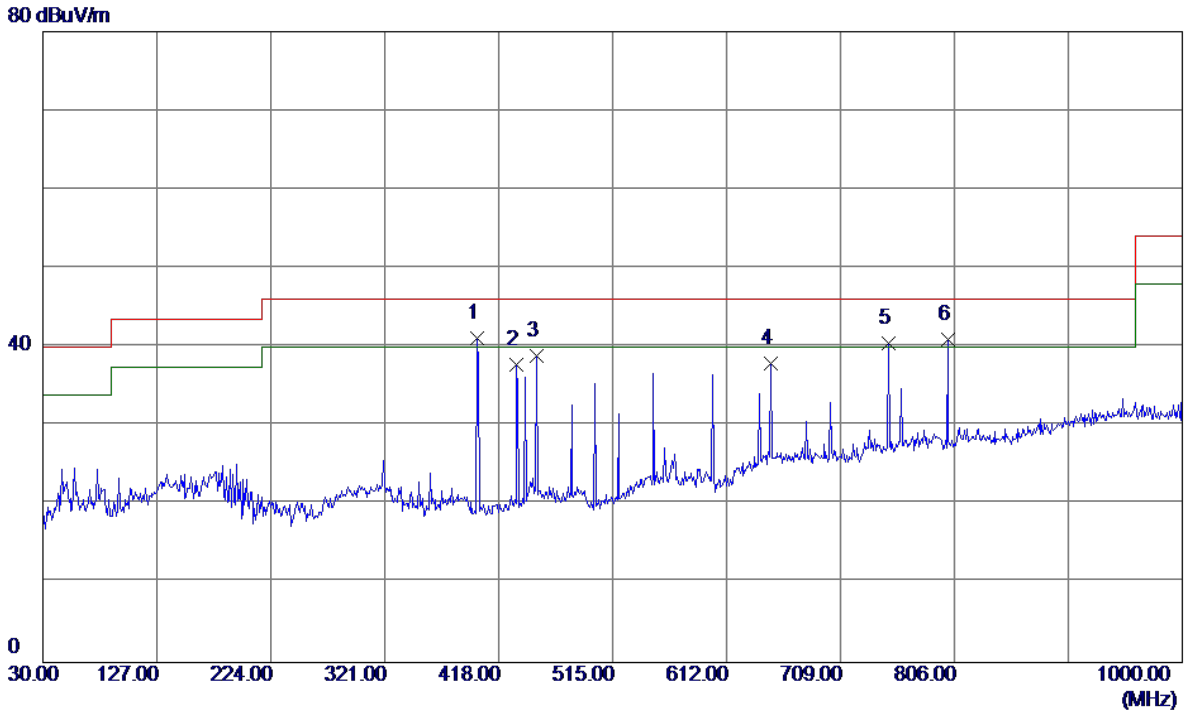
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	320.0300	49.57	-9.72	39.85	46.00	-6.15	Peak	
2	400.5400	47.53	-7.25	40.28	46.00	-5.72	Peak	
3	450.0100	47.27	-5.90	41.37	46.00	-4.63	Peak	
4	500.4500	47.13	-7.36	39.77	46.00	-6.23	Peak	
5	549.9200	44.72	-4.62	40.10	46.00	-5.90	Peak	
6	800.1800	40.29	0.16	40.45	46.00	-5.55	Peak	

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

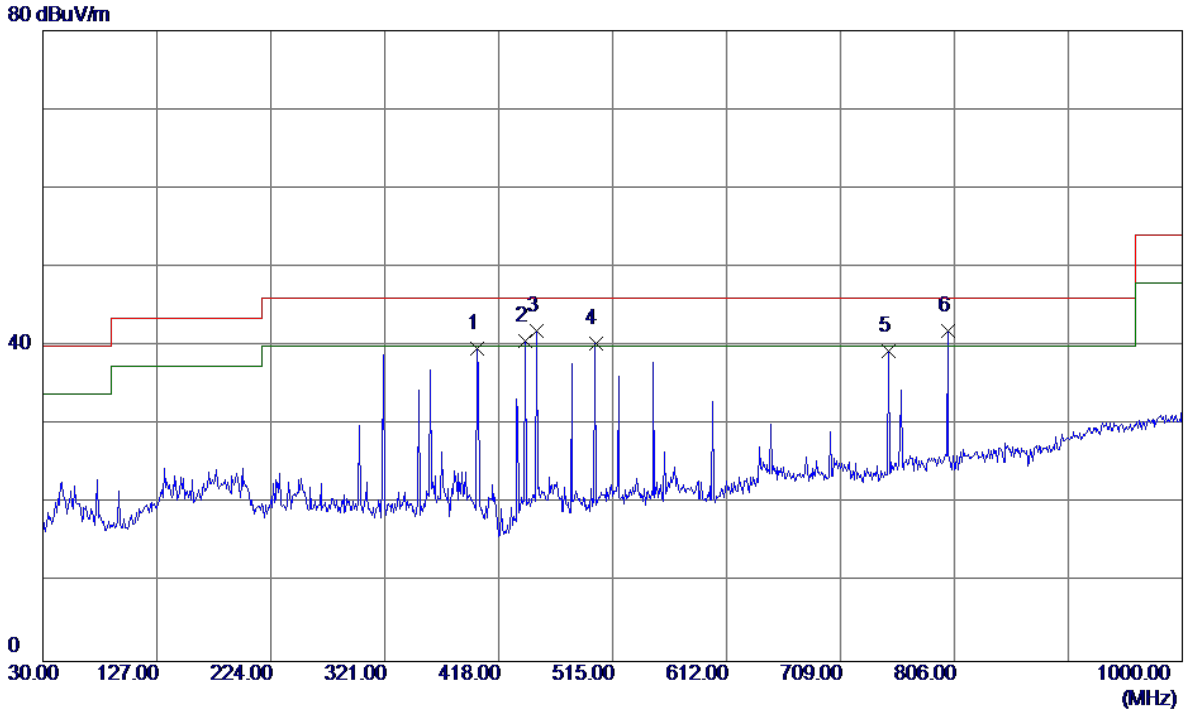
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	48.44	-7.29	41.15	46.00	-4.85	Peak	
2	433.5200	44.11	-6.35	37.76	46.00	-8.24	Peak	
3	450.0100	44.82	-5.90	38.92	46.00	-7.08	Peak	
4	649.8300	39.50	-1.65	37.85	46.00	-8.15	Peak	
5	749.7400	41.95	-1.42	40.53	46.00	-5.47	Peak	
6	800.1800	40.85	0.16	41.01	46.00	-4.99	Peak	

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

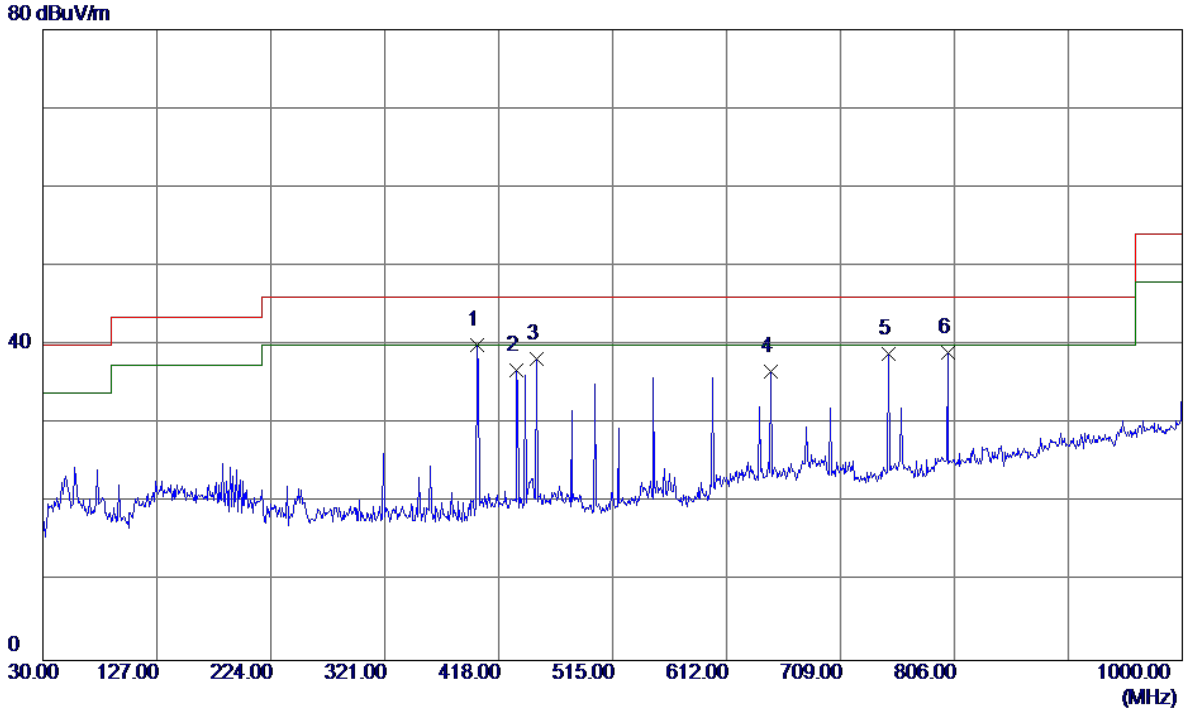
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	47.03	-7.29	39.74	46.00	-6.26	Peak	
2	440.3100	46.83	-6.16	40.67	46.00	-5.33	Peak	
3	450.0100	47.80	-5.90	41.90	46.00	-4.10	Peak	
4	500.4500	47.67	-7.36	40.31	46.00	-5.69	Peak	
5	749.7400	40.80	-1.42	39.38	46.00	-6.62	Peak	
6	800.1800	41.72	0.16	41.88	46.00	-4.12	Peak	

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

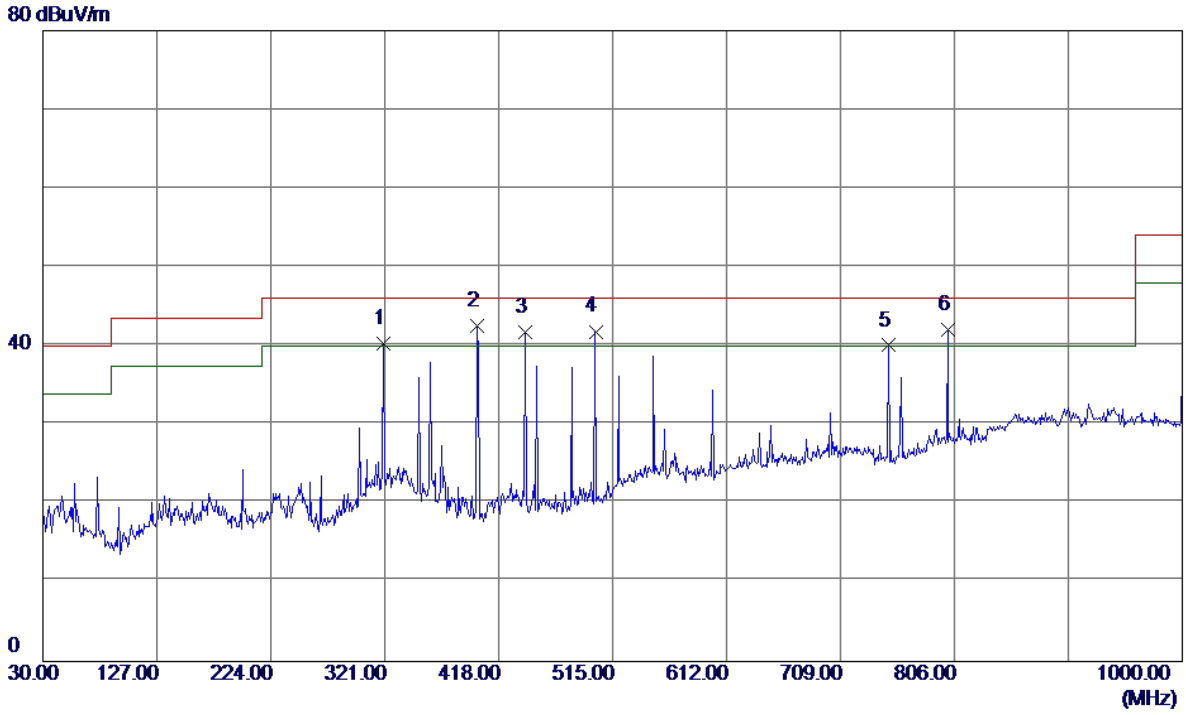
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	47.36	-7.29	40.07	46.00	-5.93	Peak	
2	433.5200	43.17	-6.35	36.82	46.00	-9.18	Peak	
3	450.0100	44.19	-5.90	38.29	46.00	-7.71	Peak	
4	649.8300	38.26	-1.65	36.61	46.00	-9.39	Peak	
5	749.7400	40.25	-1.42	38.83	46.00	-7.17	Peak	
6	800.1800	38.93	0.16	39.09	46.00	-6.91	Peak	

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

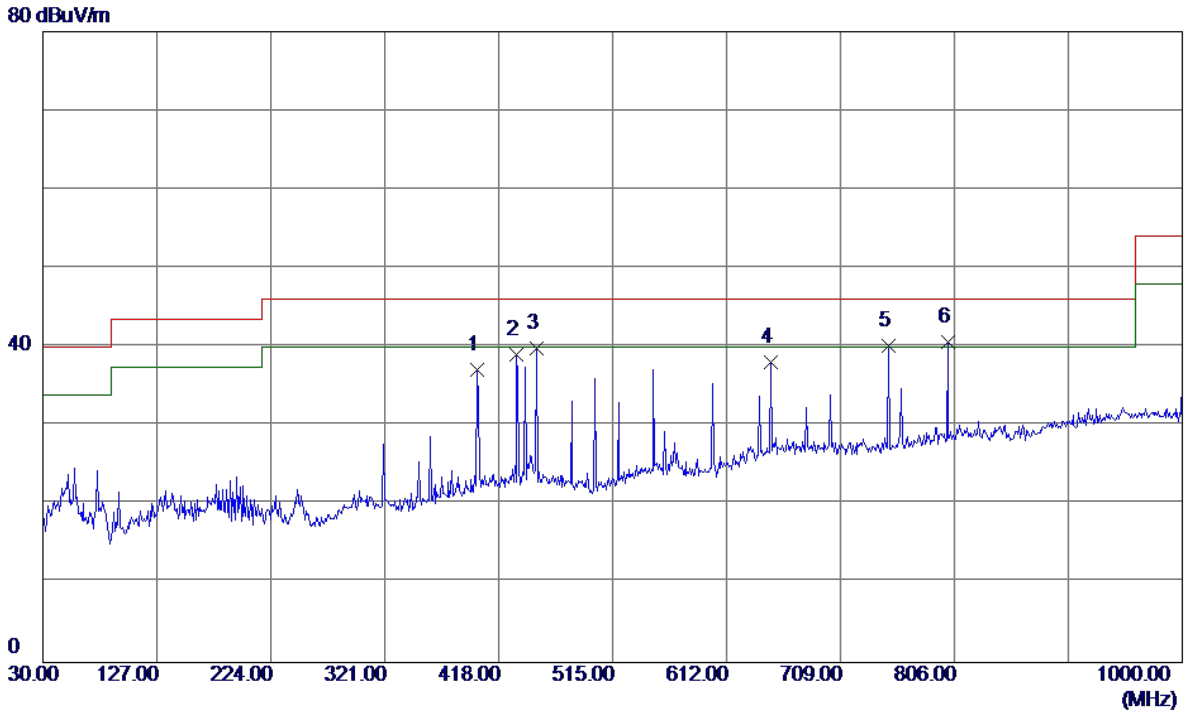
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	320.0300	50.09	-9.72	40.37	46.00	-5.63	Peak	
2	399.5700	49.87	-7.29	42.58	46.00	-3.42	Peak	
3	440.3100	47.96	-6.16	41.80	46.00	-4.20	Peak	
4	500.4500	49.20	-7.36	41.84	46.00	-4.16	Peak	
5	749.7400	41.50	-1.42	40.08	46.00	-5.92	Peak	
6	800.1800	41.99	0.16	42.15	46.00	-3.85	Peak	

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

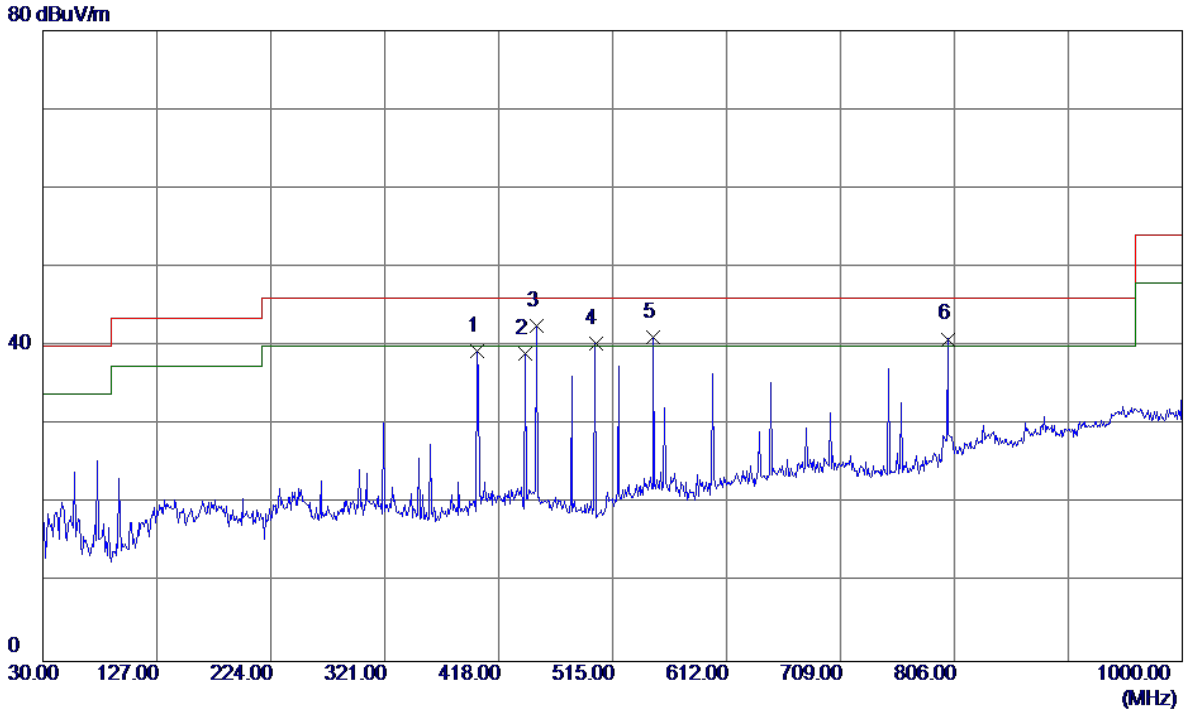
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	44.46	-7.29	37.17	46.00	-8.83	Peak	
2	433.5200	45.42	-6.35	39.07	46.00	-6.93	Peak	
3	450.0100	45.80	-5.90	39.90	46.00	-6.10	Peak	
4	649.8300	39.80	-1.65	38.15	46.00	-7.85	Peak	
5	749.7400	41.59	-1.42	40.17	46.00	-5.83	Peak	
6	800.1800	40.46	0.16	40.62	46.00	-5.38	Peak	

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

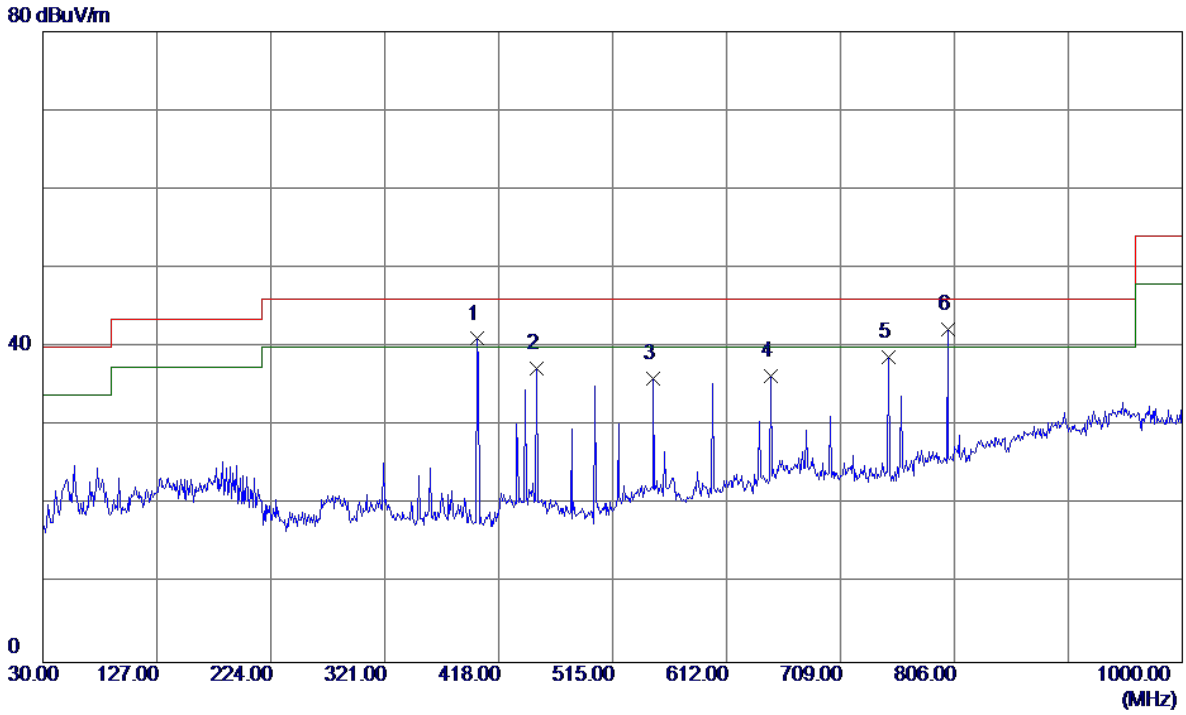
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	46.58	-7.29	39.29	46.00	-6.71	Peak	
2	440.3100	45.15	-6.16	38.99	46.00	-7.01	Peak	
3	450.0100	48.49	-5.90	42.59	46.00	-3.41	Peak	
4	500.4500	47.72	-7.36	40.36	46.00	-5.64	Peak	
5	549.9200	45.81	-4.62	41.19	46.00	-4.81	Peak	
6	800.1800	40.72	0.16	40.88	46.00	-5.12	Peak	

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

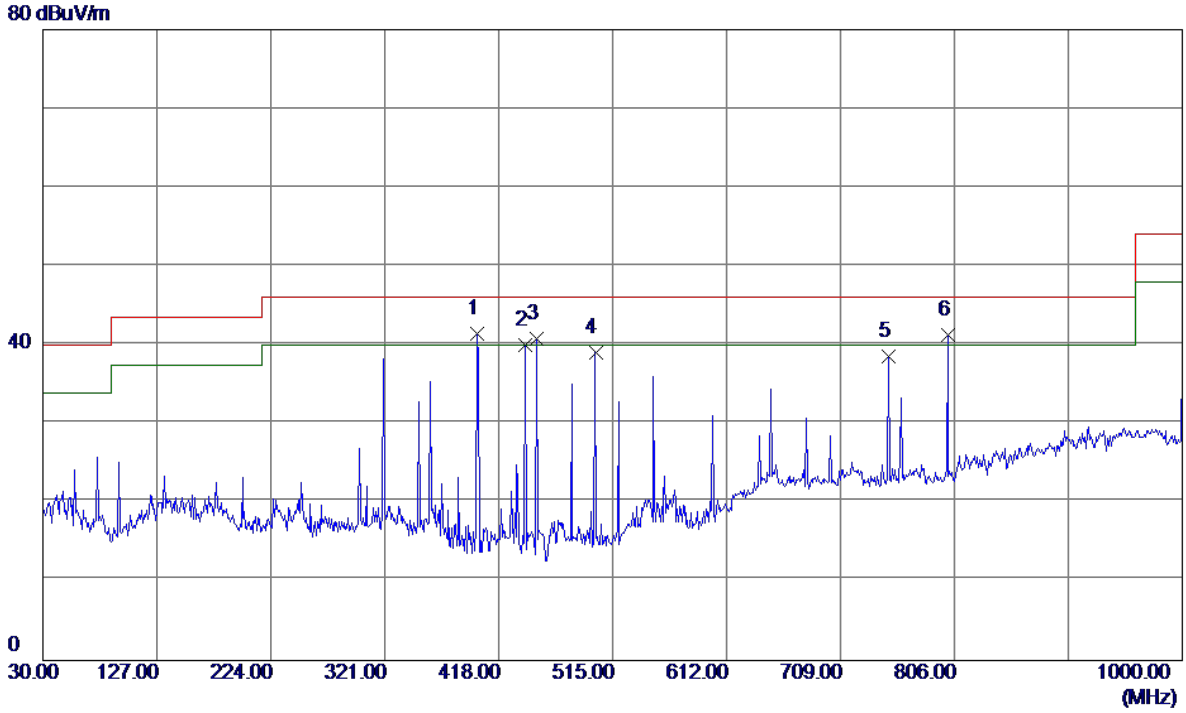
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	48.33	-7.29	41.04	46.00	-4.96	Peak	
2	450.0100	43.23	-5.90	37.33	46.00	-8.67	Peak	
3	549.9200	40.61	-4.62	35.99	46.00	-10.01	Peak	
4	649.8300	37.95	-1.65	36.30	46.00	-9.70	Peak	
5	749.7400	40.08	-1.42	38.66	46.00	-7.34	Peak	
6	800.1800	42.05	0.16	42.21	46.00	-3.79	Peak	

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

Horizontal



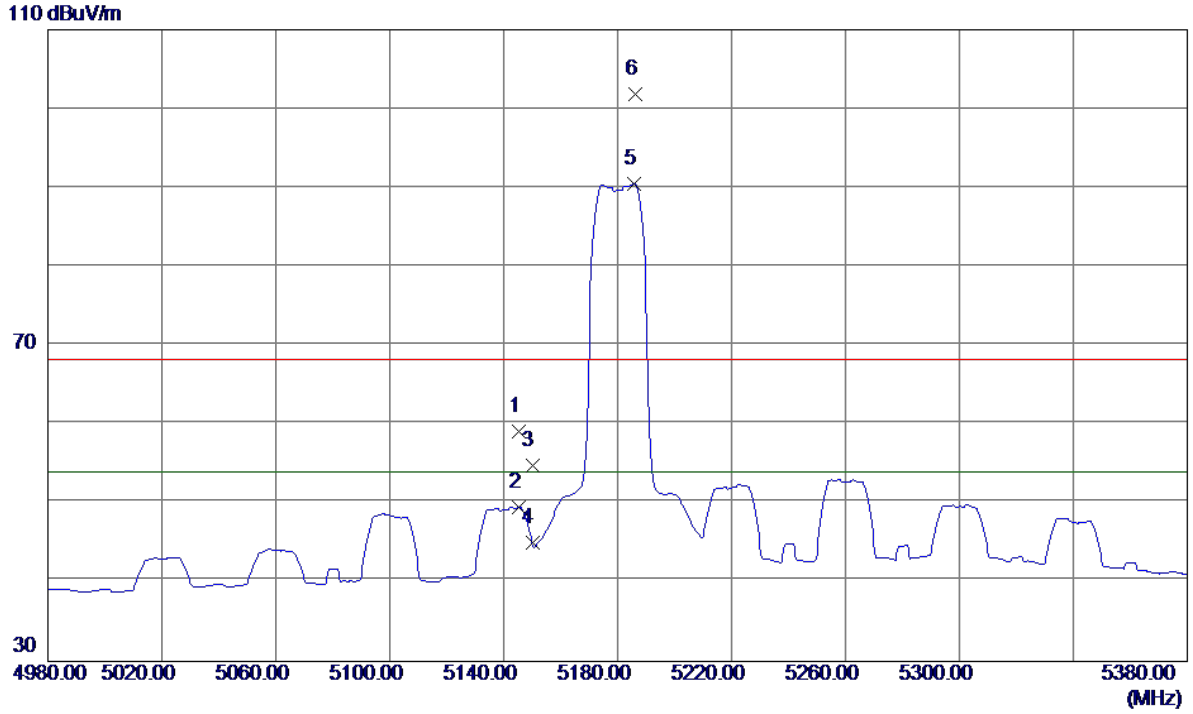
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	399.5700	48.79	-7.29	41.50	46.00	-4.50	Peak	
2	440.3100	46.18	-6.16	40.02	46.00	-5.98	Peak	
3	450.0100	46.68	-5.90	40.78	46.00	-5.22	Peak	
4	500.4500	46.46	-7.36	39.10	46.00	-6.90	Peak	
5	749.7400	40.04	-1.42	38.62	46.00	-7.38	Peak	
6	800.1800	41.11	0.16	41.27	46.00	-4.73	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

For ANT 1

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

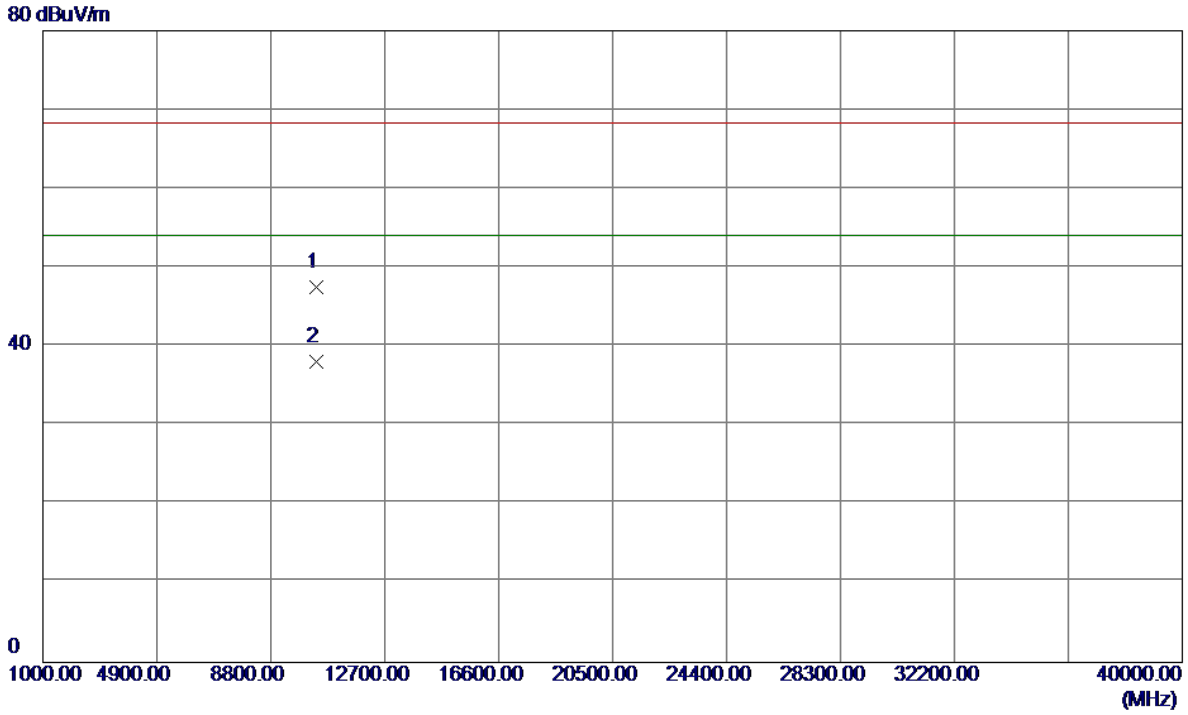
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5145.2000	21.27	37.87	59.14	68.30	-9.16	Peak	
2	5145.2000	11.63	37.87	49.50	54.00	-4.50	AVG	
3	5150.0000	16.94	37.89	54.83	68.30	-13.47	Peak	
4	5150.0000	7.13	37.89	45.02	54.00	-8.98	AVG	
5	5185.6000	52.42	38.05	90.47	54.00	36.47	AVG	No Limit
6	5186.4000	63.77	38.05	101.82	68.30	33.52	Peak	No Limit

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

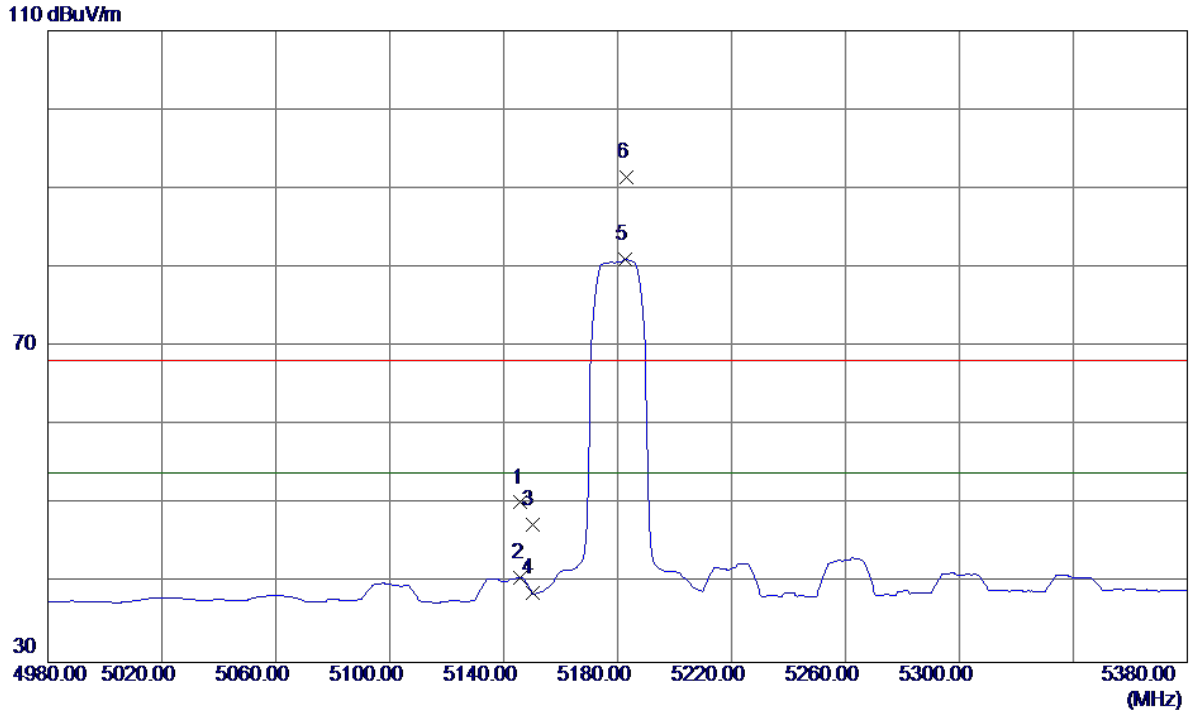
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.7870	33.73	13.86	47.59	68.30	-20.71	Peak	
2	10360.7340	24.23	13.86	38.09	54.00	-15.91	AVG	

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

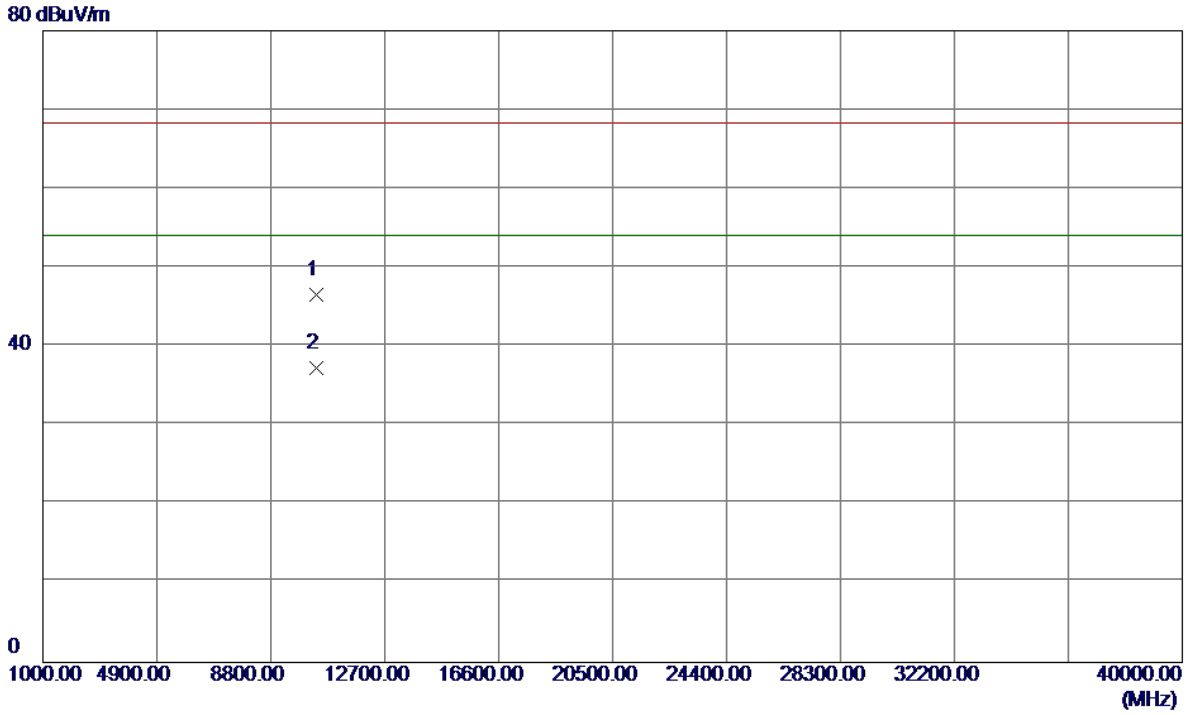
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5146.0000	12.36	37.88	50.24	68.30	-18.06	Peak	
2	5146.0000	2.91	37.88	40.79	54.00	-13.21	AVG	
3	5150.0000	9.52	37.89	47.41	68.30	-20.89	Peak	
4	5150.0000	0.97	37.89	38.86	54.00	-15.14	AVG	
5	5182.8000	43.04	38.04	81.08	54.00	27.08	AVG	No Limit
6	5183.2000	53.46	38.04	91.50	68.30	23.20	Peak	No Limit

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

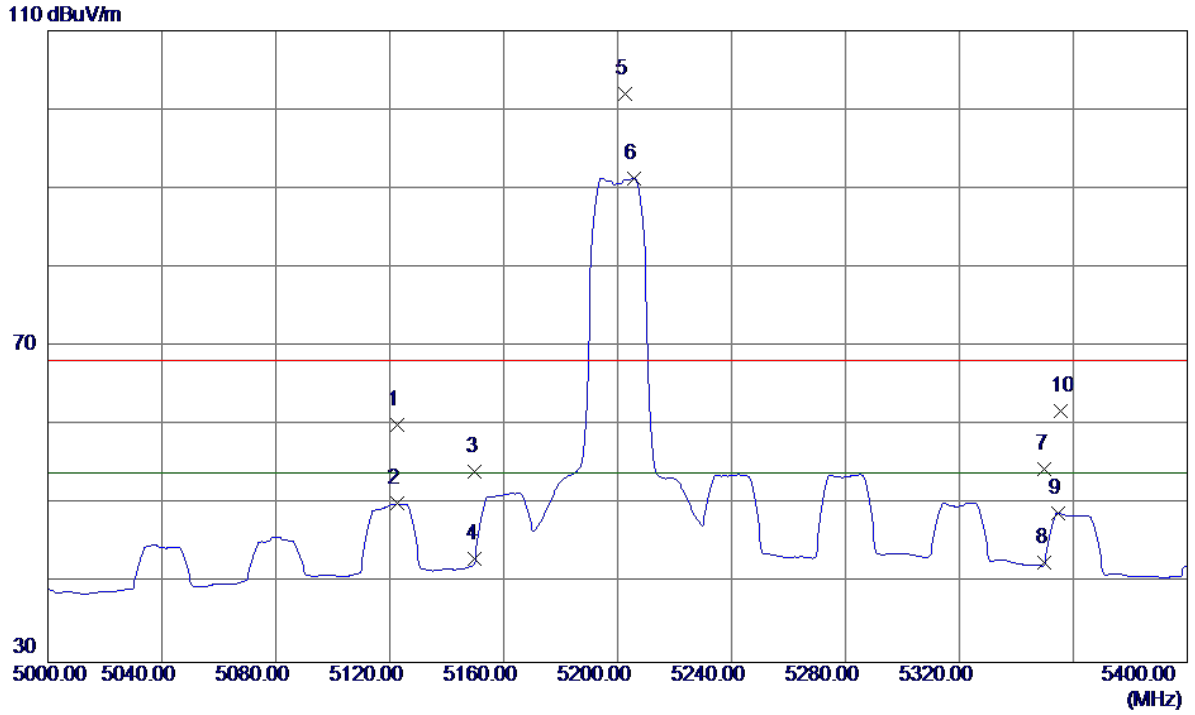
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.3410	32.71	13.86	46.57	68.30	-21.73	Peak	
2	10360.7220	23.39	13.86	37.25	54.00	-16.75	AVG	

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

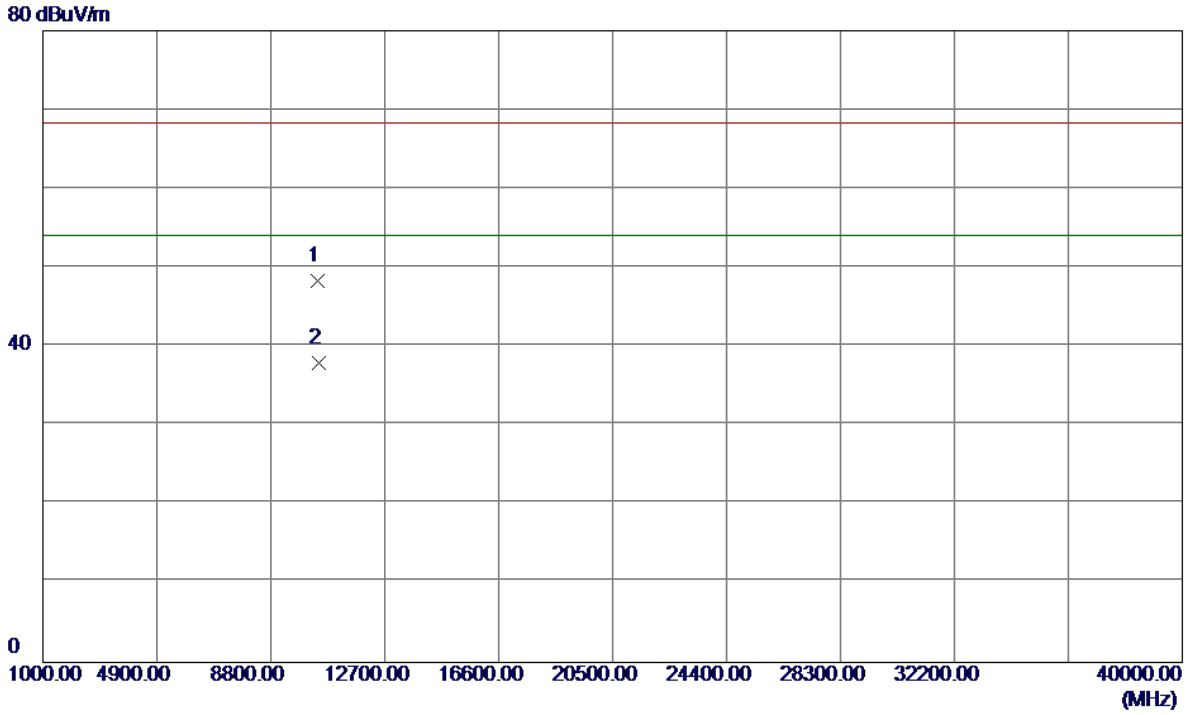
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5122.8000	22.38	37.77	60.15	68.30	-8.15	Peak	
2	5122.8000	12.32	37.77	50.09	54.00	-3.91	AVG	
3	5150.0000	16.29	37.89	54.18	68.30	-14.12	Peak	
4	5150.0000	5.23	37.89	43.12	54.00	-10.88	AVG	
5	5202.8000	63.94	38.13	102.07	68.30	33.77	Peak	No Limit
6	5205.6000	53.13	38.14	91.27	54.00	37.27	AVG	No Limit
7	5350.0000	15.73	38.78	54.51	68.30	-13.79	Peak	
8	5350.0000	3.93	38.78	42.71	54.00	-11.29	AVG	
9	5354.8000	10.12	38.80	48.92	54.00	-5.08	AVG	
10	5355.6000	23.05	38.80	61.85	68.30	-6.45	Peak	

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

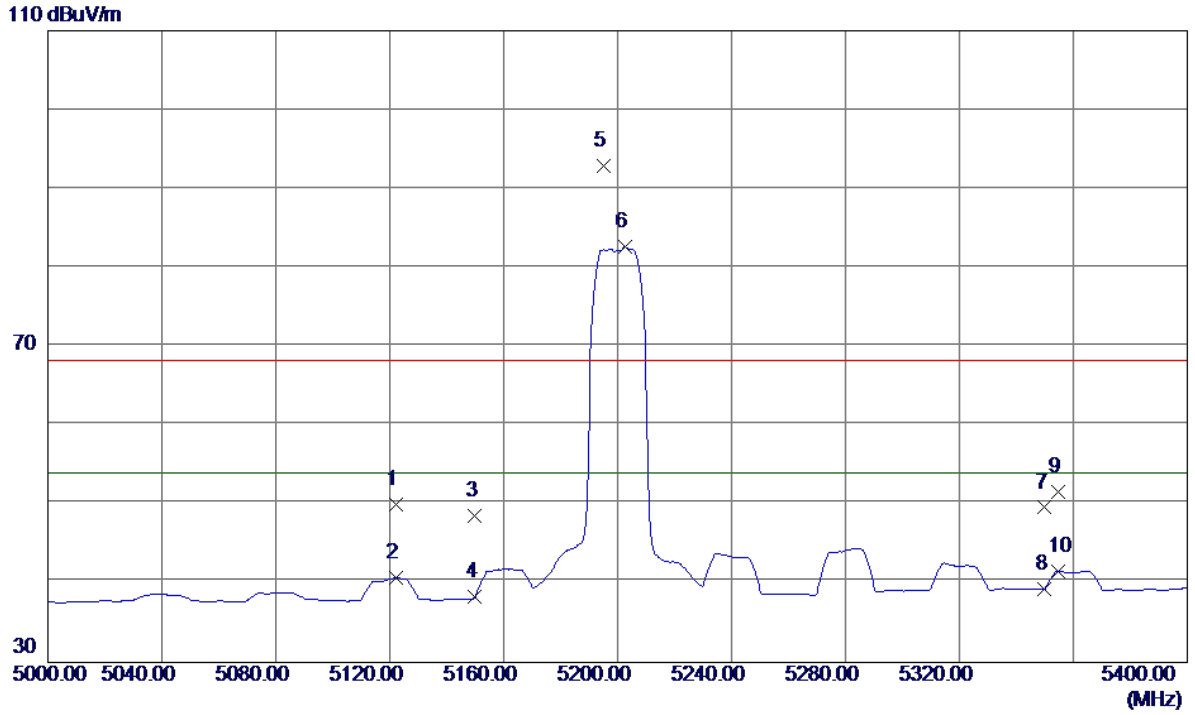
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.6700	34.51	13.80	48.31	68.30	-19.99	Peak	
2	10440.6700	24.11	13.75	37.86	54.00	-16.14	AVG	

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

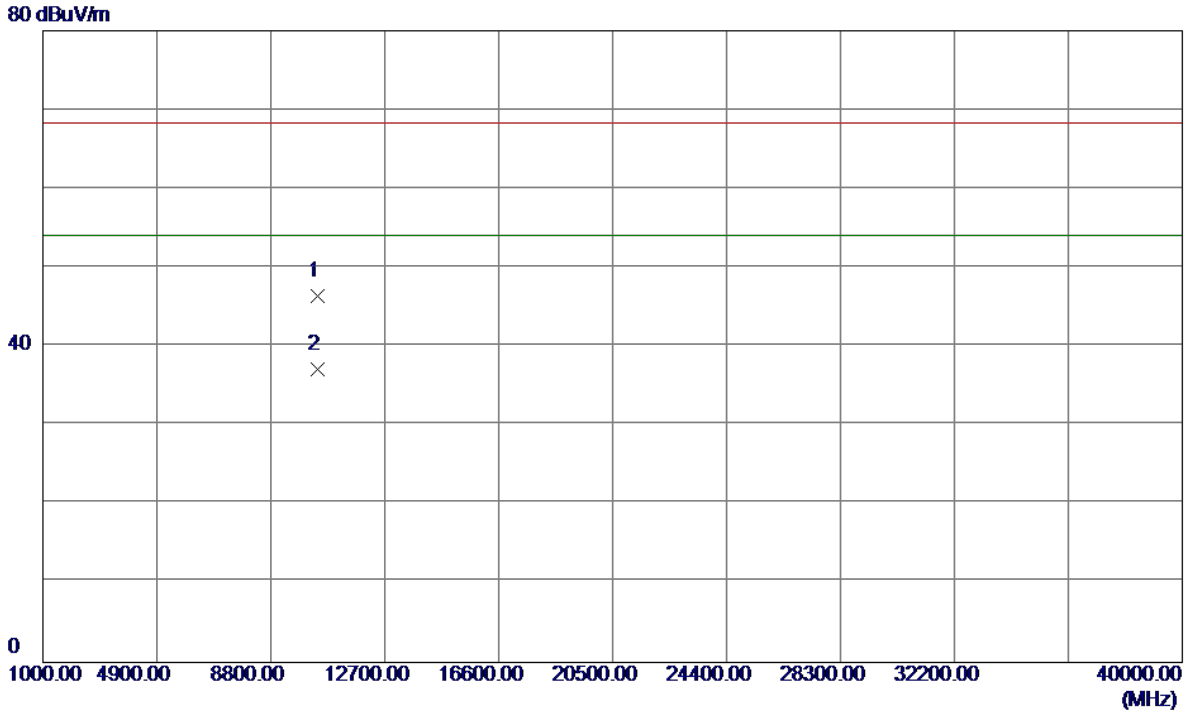
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5122.4000	12.21	37.77	49.98	68.30	-18.32	Peak	
2	5122.4000	2.94	37.77	40.71	54.00	-13.29	AVG	
3	5150.0000	10.71	37.89	48.60	68.30	-19.70	Peak	
4	5150.0000	0.40	37.89	38.29	68.30	-30.01	Peak	
5	5195.2000	54.78	38.09	92.87	68.30	24.57	Peak	No Limit
6	5202.8000	44.46	38.13	82.59	54.00	28.59	AVG	No Limit
7	5350.0000	10.82	38.78	49.60	68.30	-18.70	Peak	
8	5350.0000	0.53	38.78	39.31	54.00	-14.69	AVG	
9	5354.8000	12.83	38.80	51.63	68.30	-16.67	Peak	
10	5354.8000	2.79	38.80	41.59	54.00	-12.41	AVG	

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

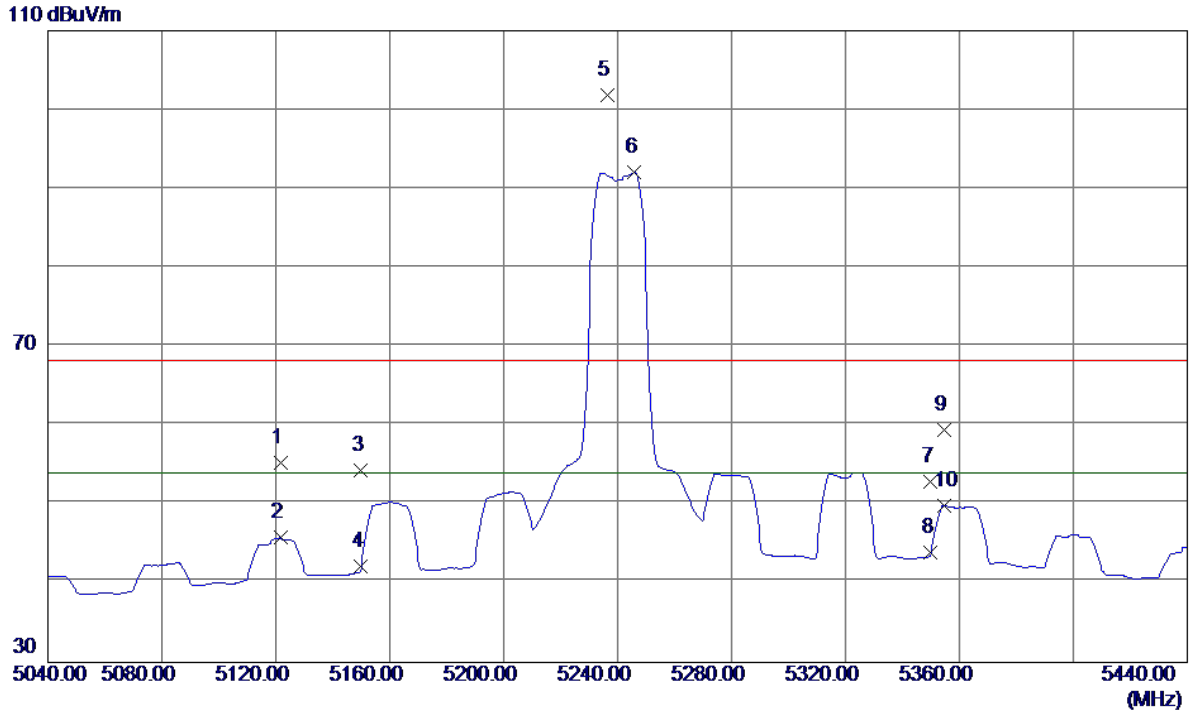
Horizontal



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

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

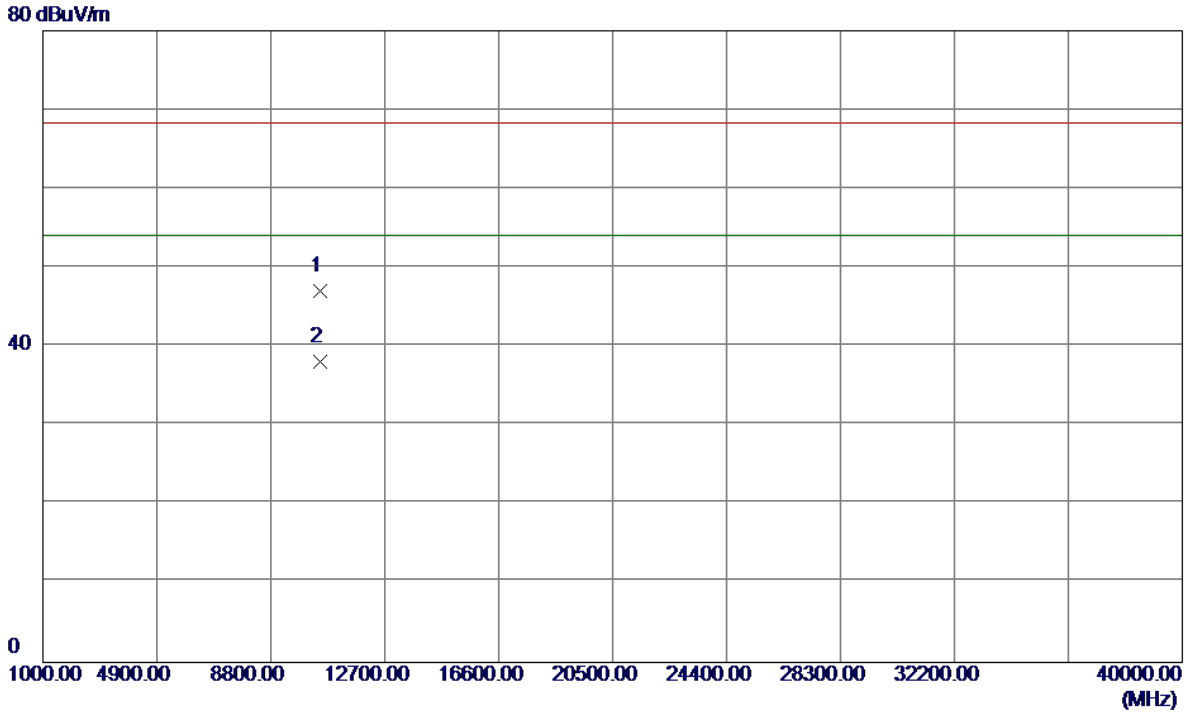
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5121.6000	17.47	37.77	55.24	68.30	-13.06	Peak	
2	5121.6000	8.02	37.77	45.79	54.00	-8.21	AVG	
3	5150.0000	16.42	37.89	54.31	68.30	-13.99	Peak	
4	5150.0000	4.24	37.89	42.13	54.00	-11.87	AVG	
5	5236.4000	63.64	38.27	101.91	68.30	33.61	Peak	No Limit
6	5246.0000	53.71	38.32	92.03	54.00	38.03	AVG	No Limit
7	5350.0000	14.07	38.78	52.85	68.30	-15.45	Peak	
8	5350.0000	5.13	38.78	43.91	54.00	-10.09	AVG	
9	5354.8000	20.62	38.80	59.42	68.30	-8.88	Peak	
10	5354.8000	11.05	38.80	49.85	54.00	-4.15	AVG	

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

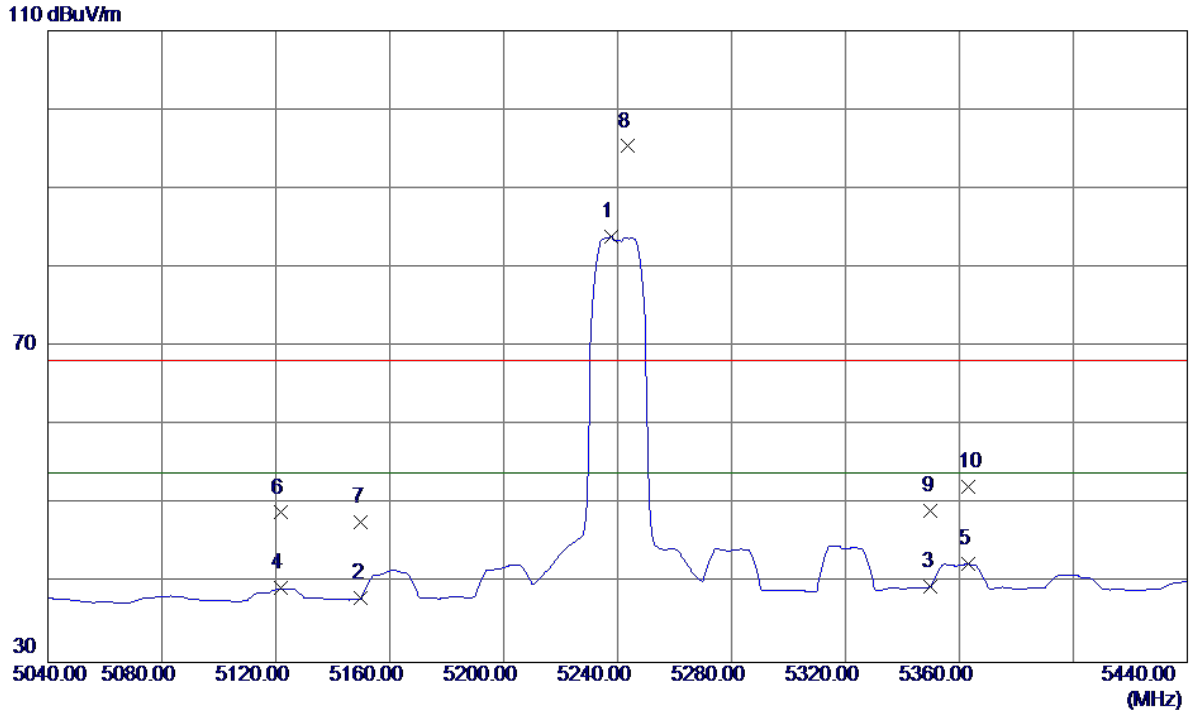
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.8610	33.35	13.69	47.04	68.30	-21.26	Peak	
2	10480.3410	24.42	13.69	38.11	54.00	-15.89	AVG	

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

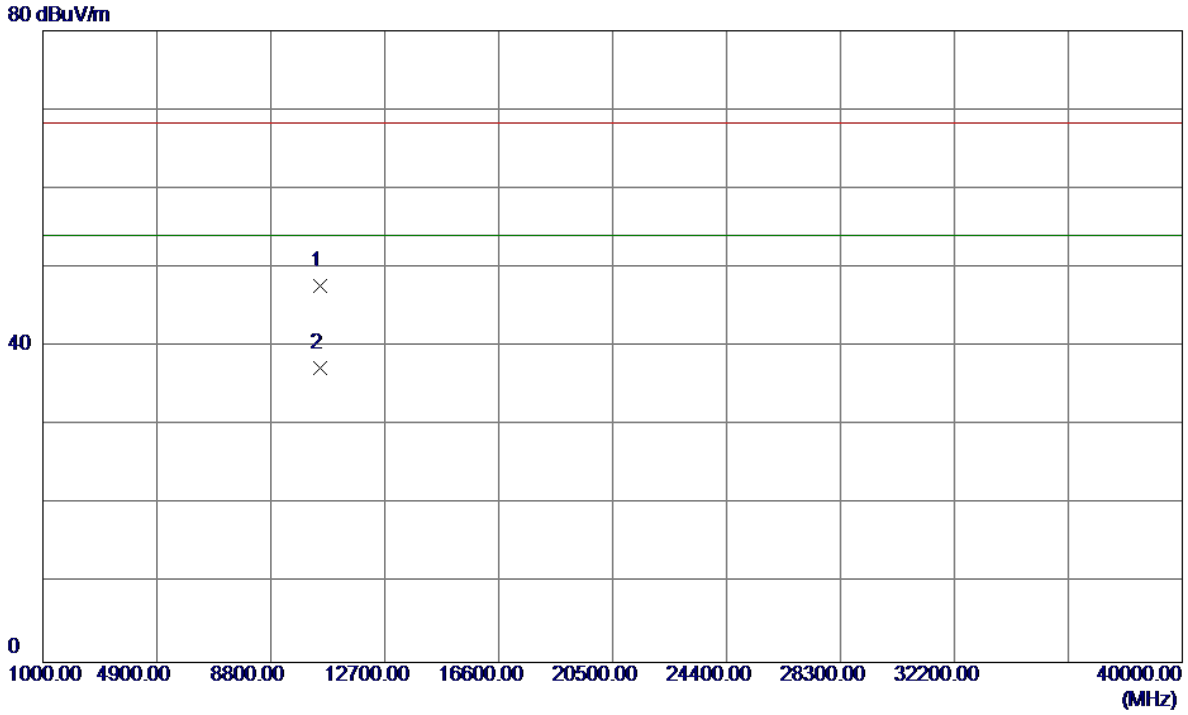
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5237.6000	45.59	38.28	83.87	54.00	29.87	AVG	No Limit
2	5150.0000	0.26	37.89	38.15	54.00	-15.85	AVG	
3	5350.0000	0.89	38.78	39.67	54.00	-14.33	AVG	
4	5121.6000	1.60	37.77	39.37	54.00	-14.63	AVG	
5	5363.2000	3.63	38.84	42.47	54.00	-11.53	AVG	
6	5121.6000	11.19	37.77	48.96	68.30	-19.34	Peak	
7	5150.0000	9.89	37.89	47.78	68.30	-20.52	Peak	
8	5243.6000	57.05	38.31	95.36	68.30	27.06	Peak	No Limit
9	5350.0000	10.39	38.78	49.17	68.30	-19.13	Peak	
10	5363.2000	13.46	38.84	52.30	68.30	-16.00	Peak	

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

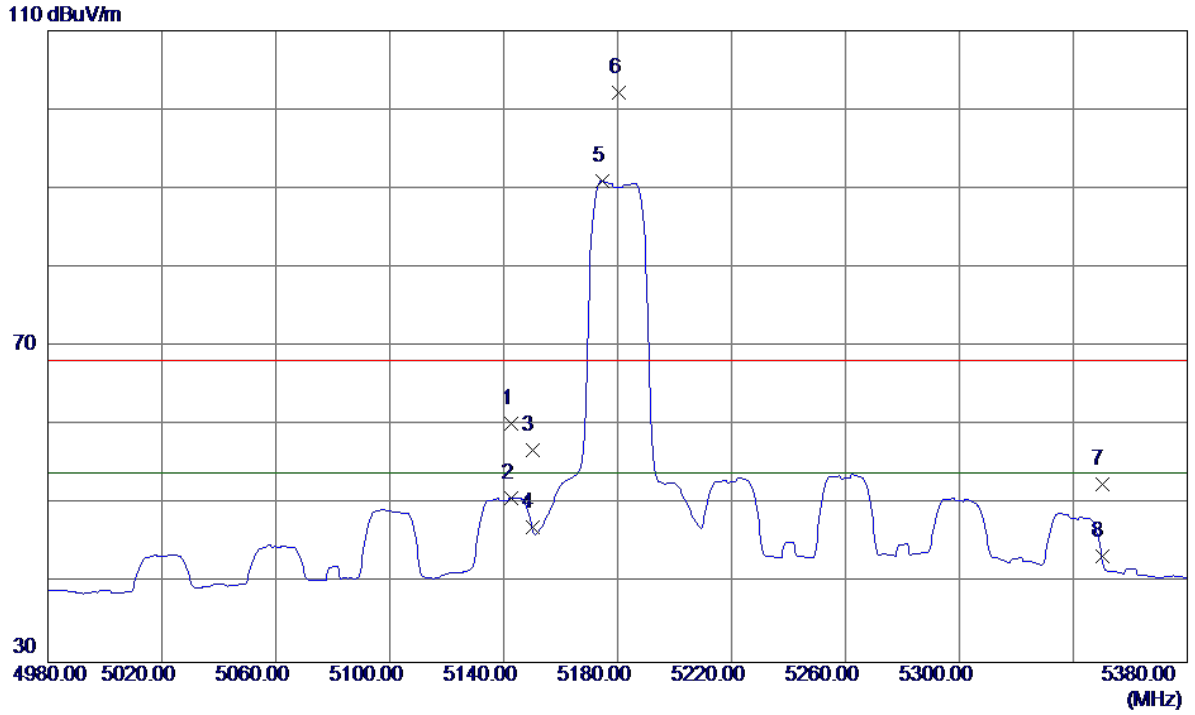
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.3570	33.93	13.69	47.62	68.30	-20.68	Peak	
2	10480.6470	23.53	13.69	37.22	54.00	-16.78	AVG	

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

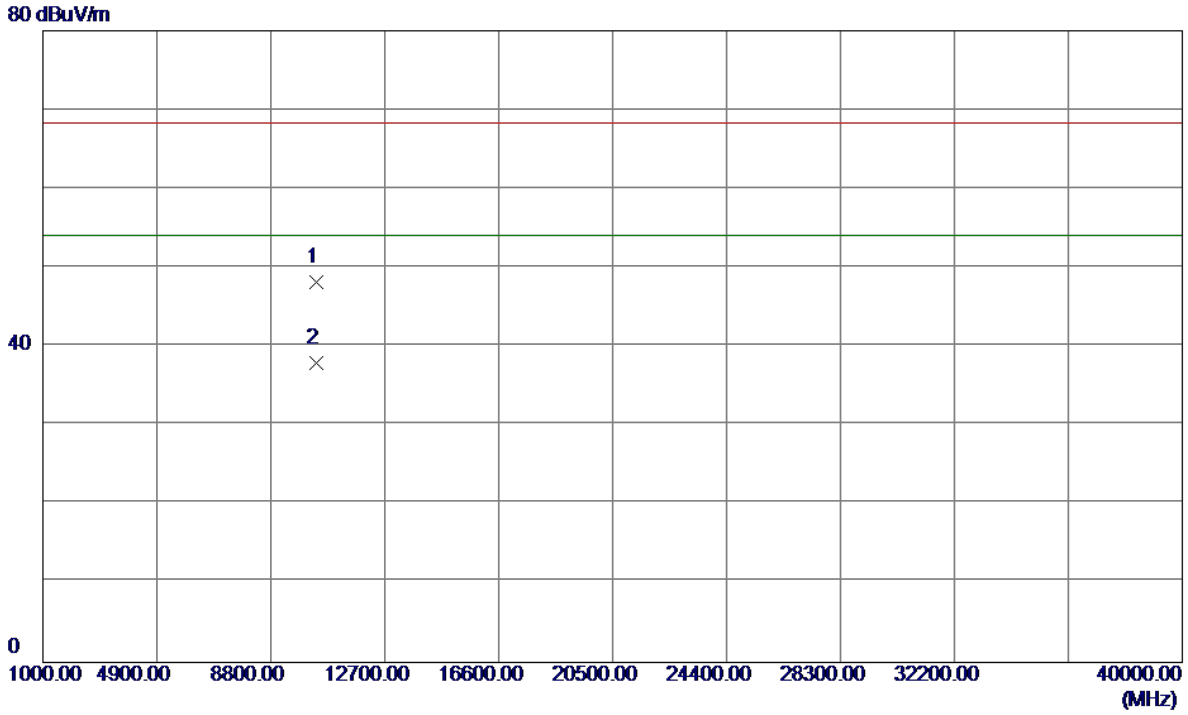
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5142.8000	22.35	37.86	60.21	68.30	-8.09	Peak	
2	5142.8000	13.00	37.86	50.86	54.00	-3.14	AVG	
3	5150.0000	18.99	37.89	56.88	68.30	-11.42	Peak	
4	5150.0000	9.22	37.89	47.11	54.00	-6.89	AVG	
5	5174.8000	52.94	38.00	90.94	54.00	36.94	AVG	No Limit
6	5180.4000	64.08	38.03	102.11	68.30	33.81	Peak	No Limit
7	5350.0000	13.71	38.78	52.49	68.30	-15.81	Peak	
8	5350.0000	4.70	38.78	43.48	54.00	-10.52	AVG	

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

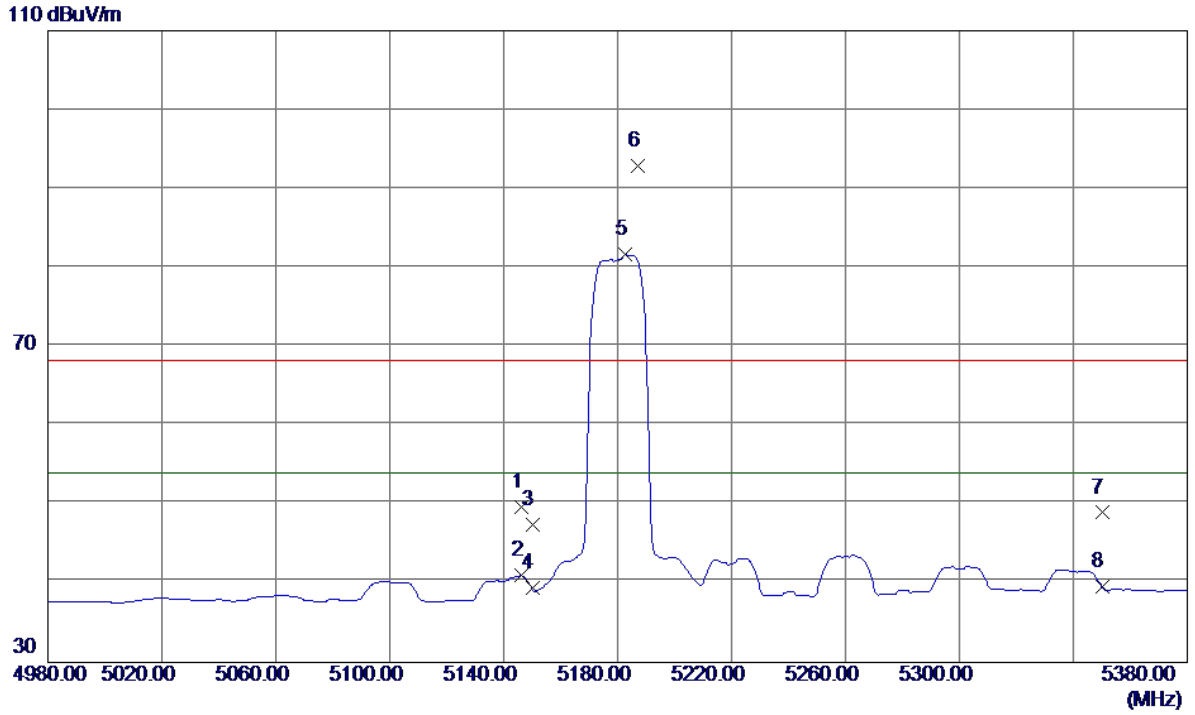
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.3540	34.34	13.86	48.20	68.30	-20.10	Peak	
2	10360.0800	24.11	13.86	37.97	54.00	-16.03	AVG	

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

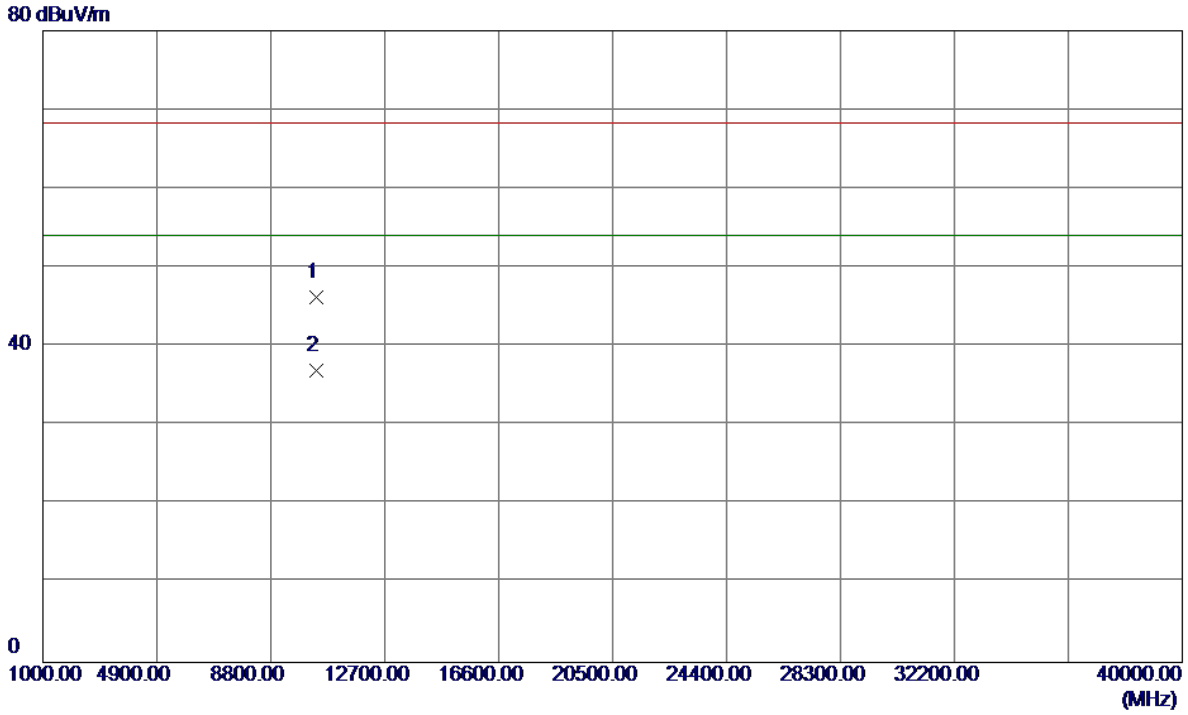
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5146.4000	11.80	37.88	49.68	68.30	-18.62	Peak	
2	5146.4000	3.09	37.88	40.97	54.00	-13.03	AVG	
3	5150.0000	9.62	37.89	47.51	68.30	-20.79	Peak	
4	5150.0000	1.48	37.89	39.37	54.00	-14.63	AVG	
5	5182.8000	43.57	38.04	81.61	54.00	27.61	AVG	No Limit
6	5187.2000	54.84	38.06	92.90	68.30	24.60	Peak	No Limit
7	5350.0000	10.18	38.78	48.96	68.30	-19.34	Peak	
8	5350.0000	0.84	38.78	39.62	54.00	-14.38	AVG	

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

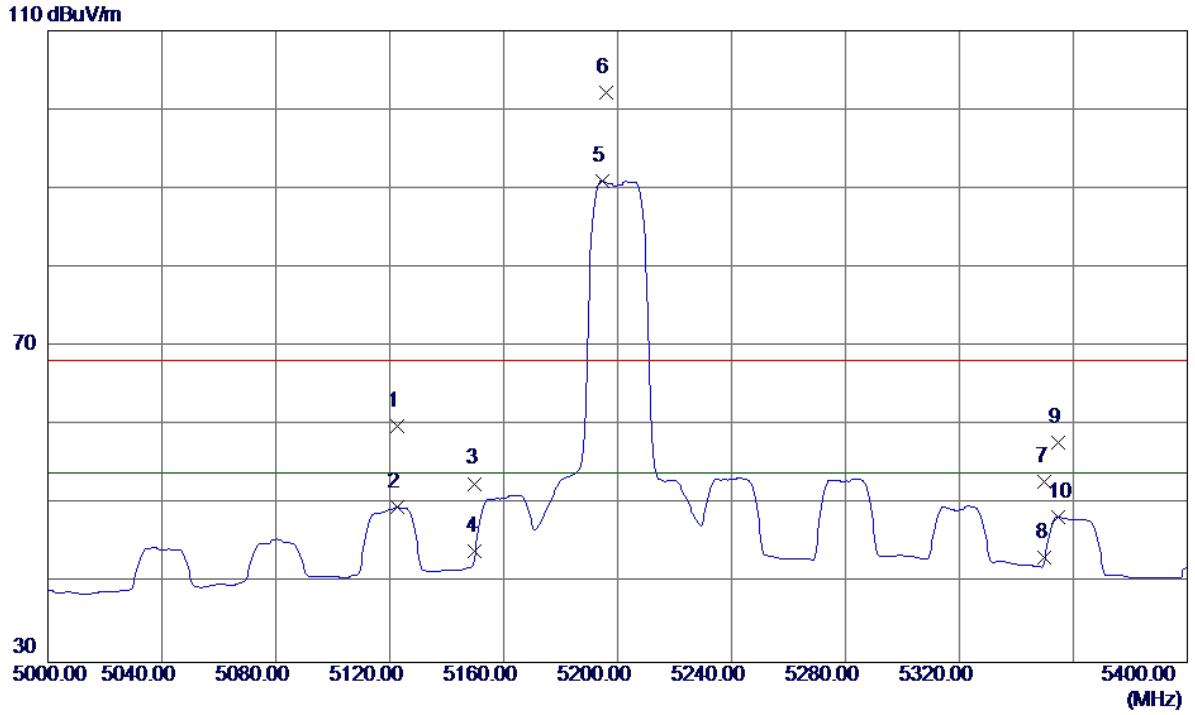
Horizontal



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

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

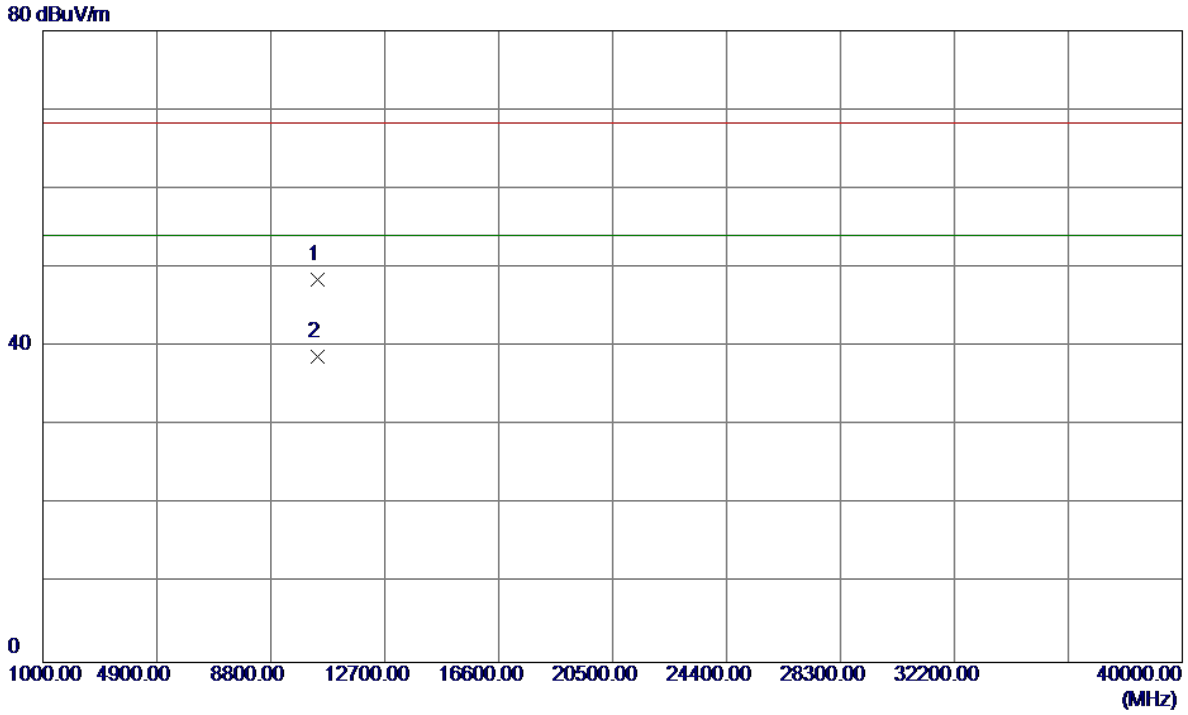
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5122.8000	22.16	37.77	59.93	68.30	-8.37	Peak	
2	5122.8000	11.85	37.77	49.62	54.00	-4.38	AVG	
3	5150.0000	14.75	37.89	52.64	68.30	-15.66	Peak	
4	5150.0000	6.15	37.89	44.04	54.00	-9.96	AVG	
5	5194.8000	52.86	38.09	90.95	54.00	36.95	AVG	No Limit
6	5196.0000	63.99	38.10	102.09	68.30	33.79	Peak	No Limit
7	5350.0000	14.03	38.78	52.81	68.30	-15.49	Peak	
8	5350.0000	4.49	38.78	43.27	54.00	-10.73	AVG	
9	5354.8000	19.03	38.80	57.83	68.30	-10.47	Peak	
10	5354.8000	9.67	38.80	48.47	54.00	-5.53	AVG	

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

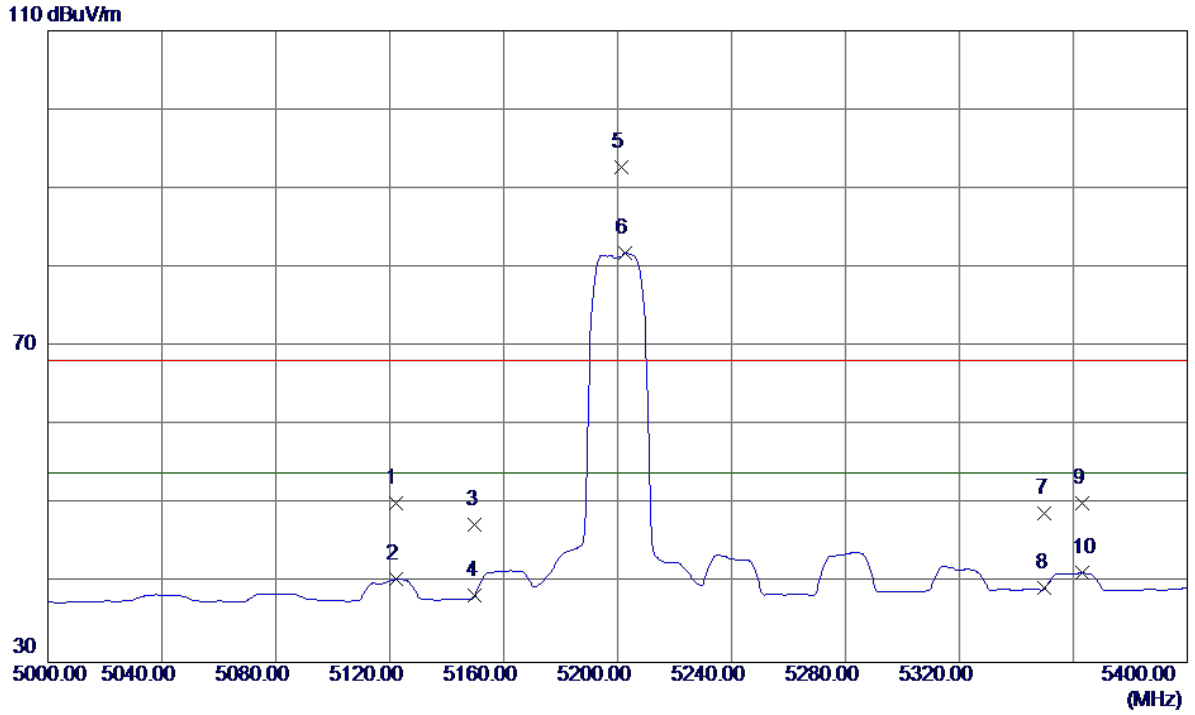
Vertical



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

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

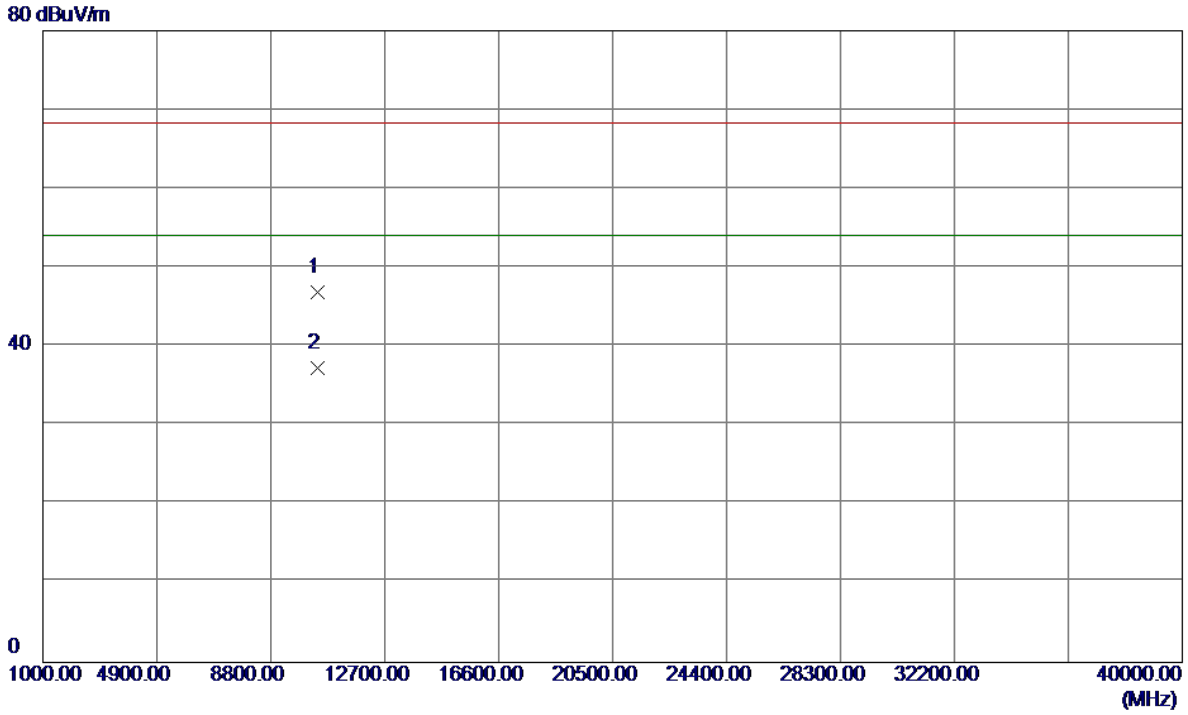
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5122.0000	12.35	37.77	50.12	68.30	-18.18	Peak	
2	5122.4000	2.82	37.77	40.59	54.00	-13.41	AVG	
3	5150.0000	9.61	37.89	47.50	68.30	-20.80	Peak	
4	5150.0000	0.66	37.89	38.55	54.00	-15.45	AVG	
5	5201.2000	54.65	38.12	92.77	68.30	24.47	Peak	No Limit
6	5202.8000	43.75	38.13	81.88	54.00	27.88	AVG	No Limit
7	5350.0000	10.12	38.78	48.90	68.30	-19.40	Peak	
8	5350.0000	0.64	38.78	39.42	54.00	-14.58	AVG	
9	5363.2000	11.32	38.84	50.16	68.30	-18.14	Peak	
10	5363.2000	2.48	38.84	41.32	54.00	-12.68	AVG	

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

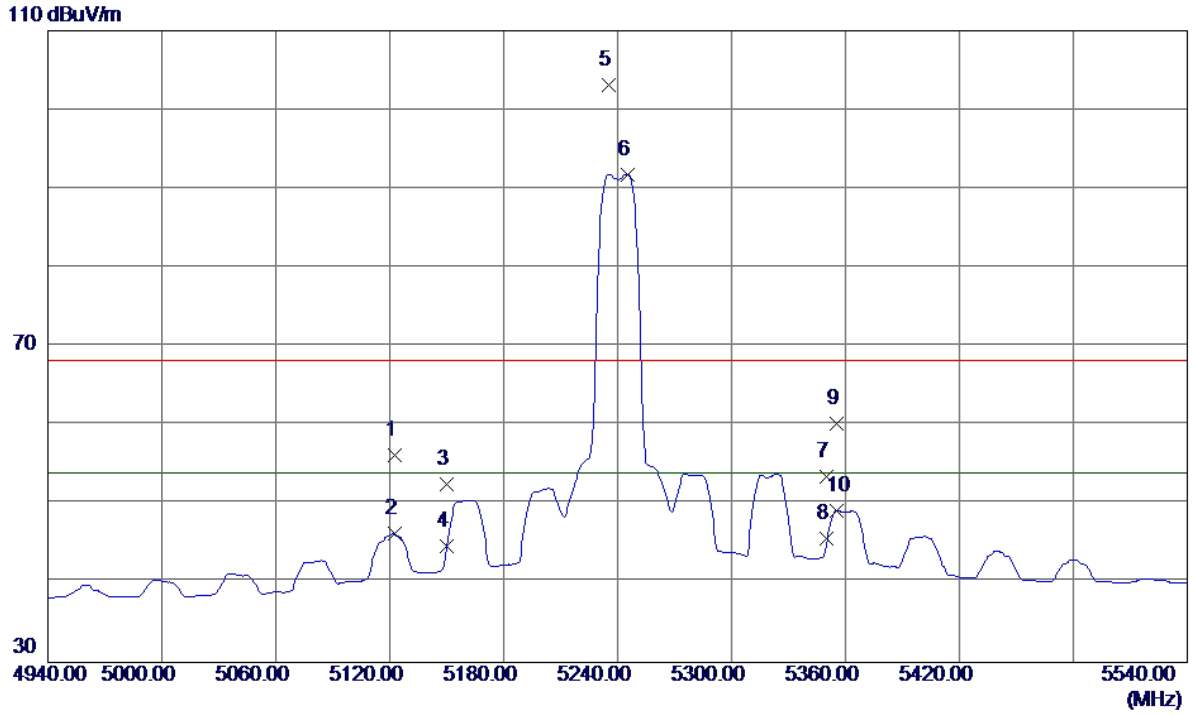
Horizontal



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

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

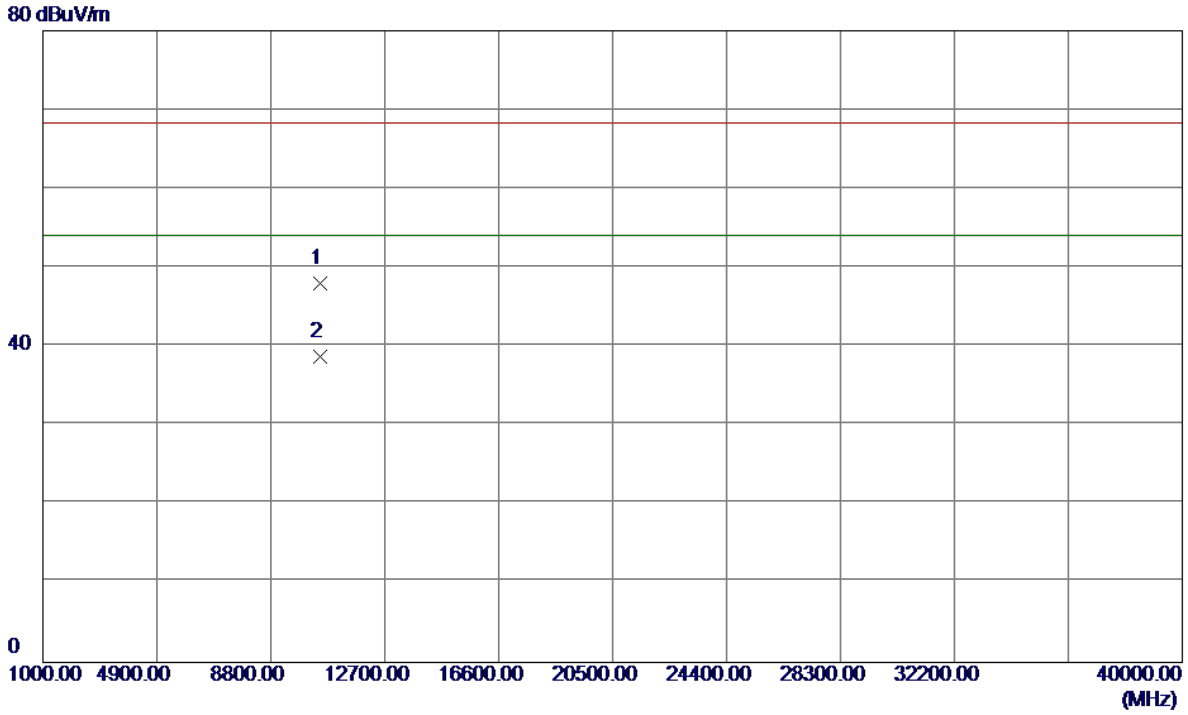
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5122.4000	18.54	37.77	56.31	68.30	-11.99	Peak	
2	5122.4000	8.54	37.77	46.31	54.00	-7.69	AVG	
3	5150.0000	14.73	37.89	52.62	68.30	-15.68	Peak	
4	5150.0000	6.76	37.89	44.65	54.00	-9.35	AVG	
5	5235.2000	64.86	38.27	103.13	68.30	34.83	Peak	No Limit
6	5245.4000	53.53	38.31	91.84	54.00	37.84	AVG	No Limit
7	5350.0000	14.70	38.78	53.48	68.30	-14.82	Peak	
8	5350.0000	6.83	38.78	45.61	54.00	-8.39	AVG	
9	5355.2000	21.39	38.80	60.19	68.30	-8.11	Peak	
10	5355.2000	10.45	38.80	49.25	54.00	-4.75	AVG	

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

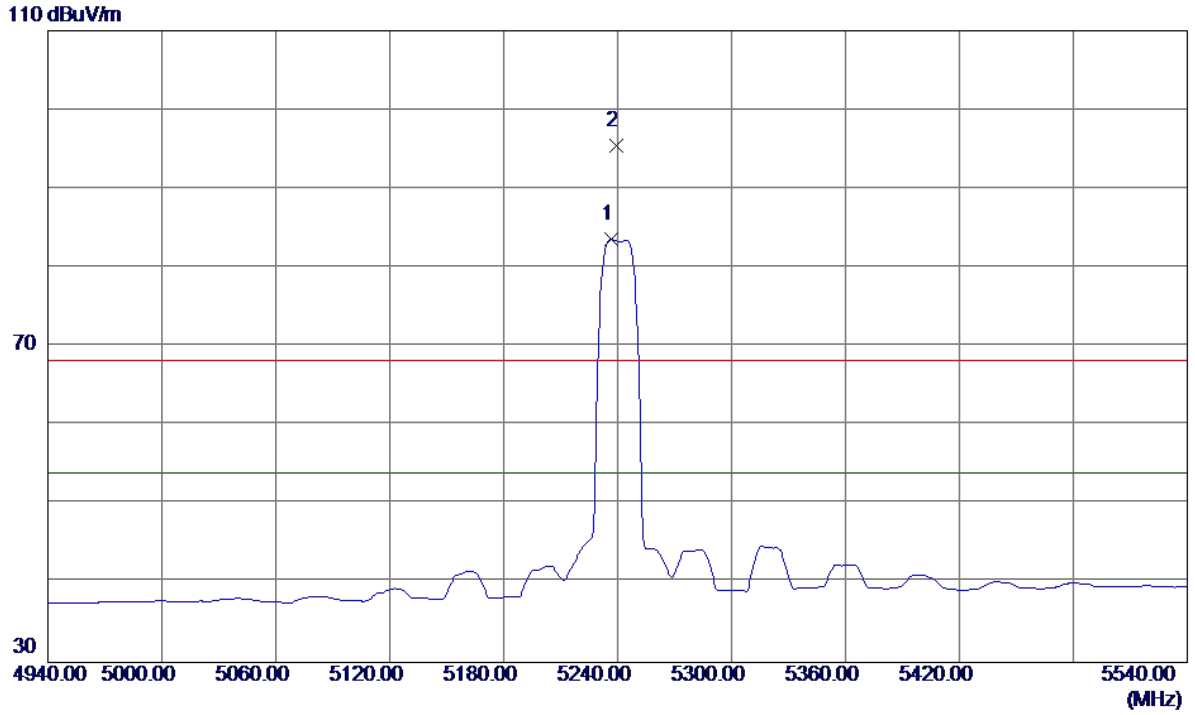
Vertical



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

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

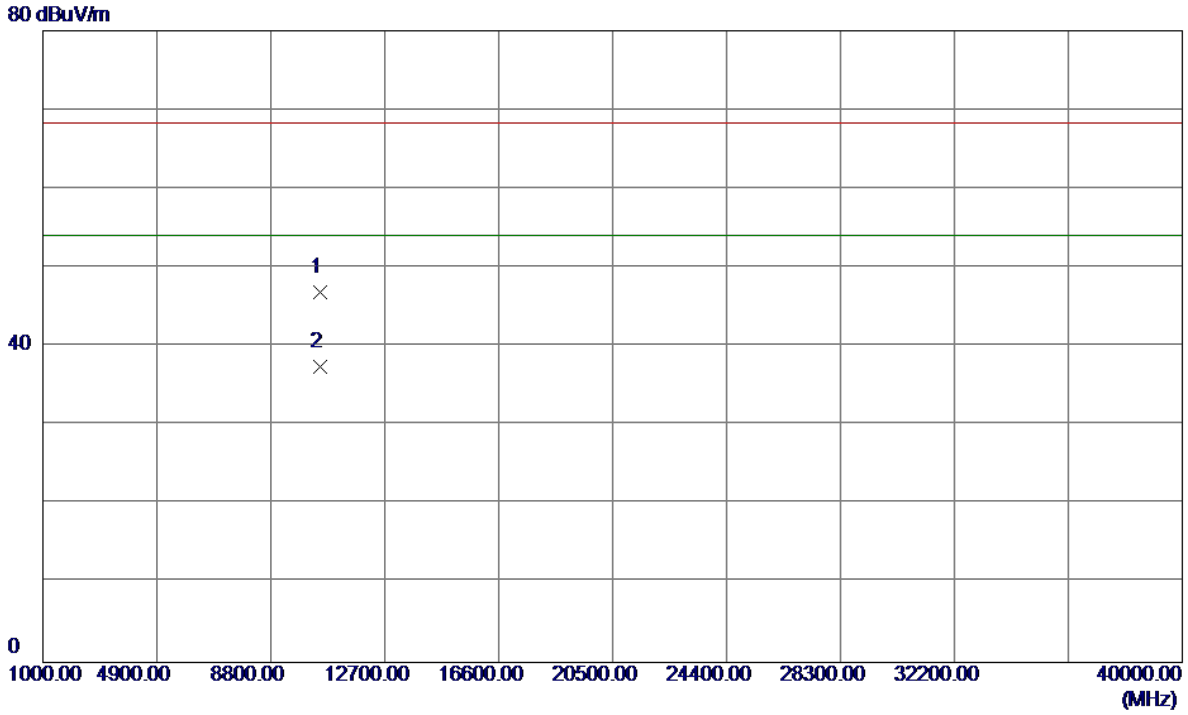
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.4000	45.40	38.27	83.67	54.00	29.67	AVG	No Limit
2	5239.4000	57.09	38.29	95.38	68.30	27.08	Peak	No Limit

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

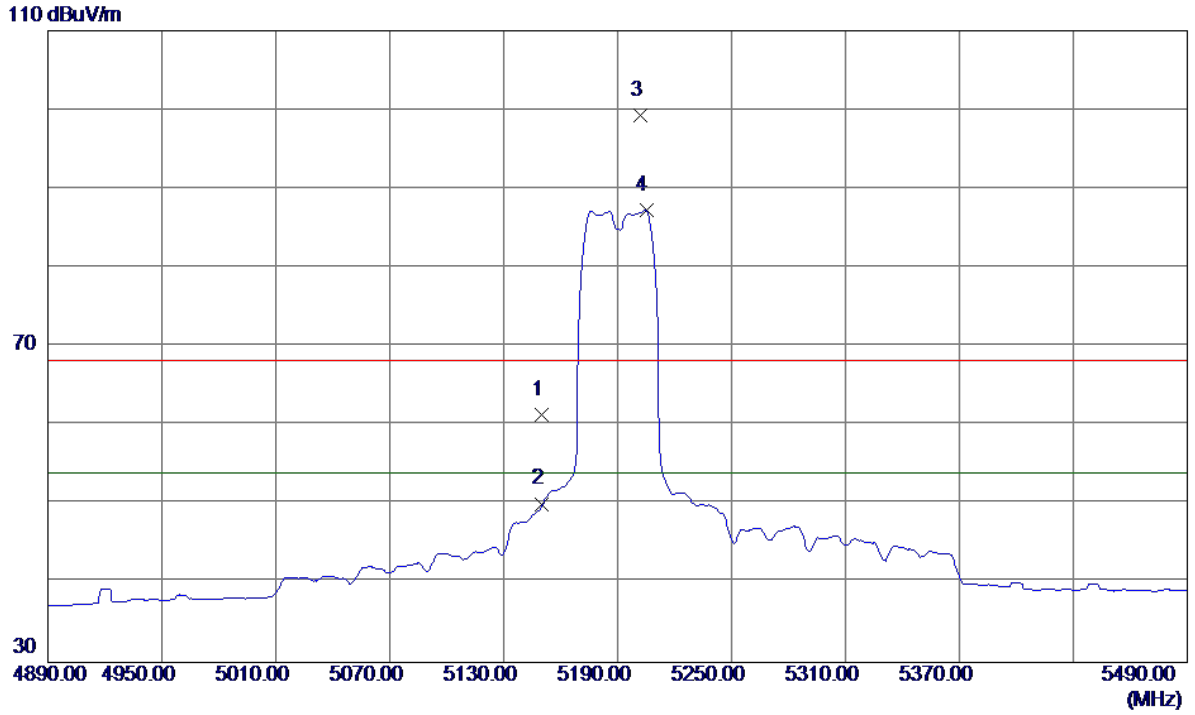
Horizontal



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

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

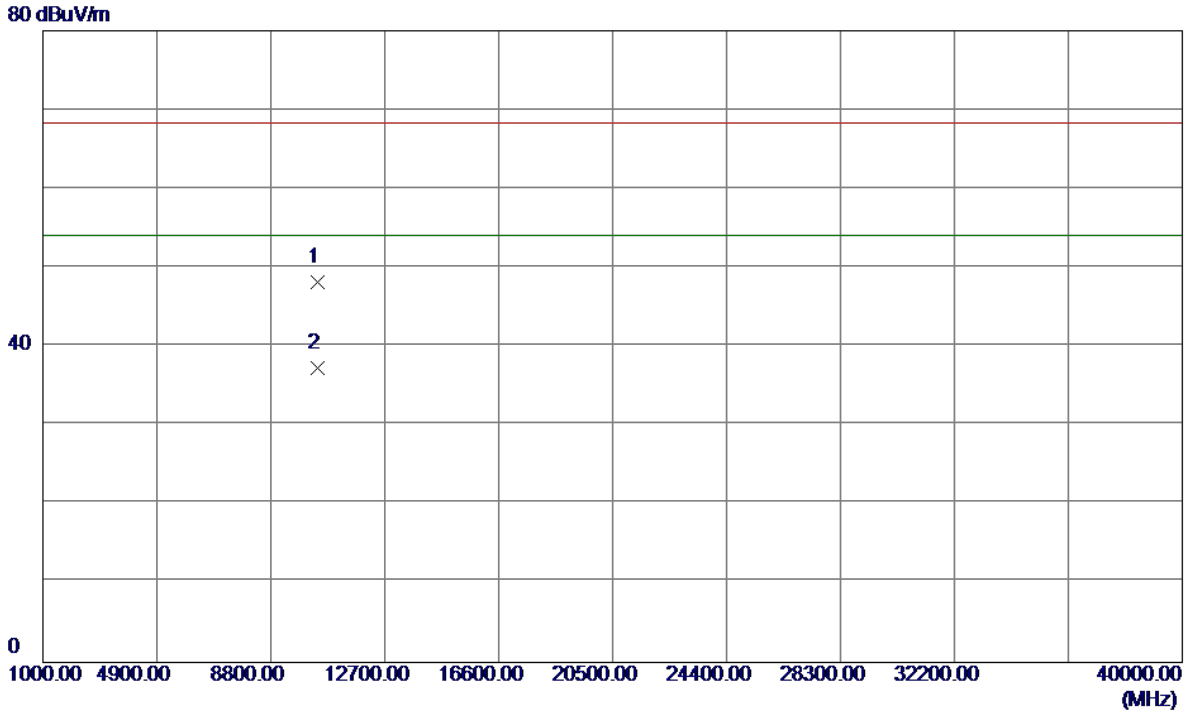
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.40	37.89	61.29	68.30	-7.01	Peak	
2	5150.0000	12.19	37.89	50.08	54.00	-3.92	AVG	
3	5202.0000	61.12	38.12	99.24	68.30	30.94	Peak	No Limit
4	5205.0000	49.16	38.14	87.30	54.00	33.30	AVG	No Limit

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

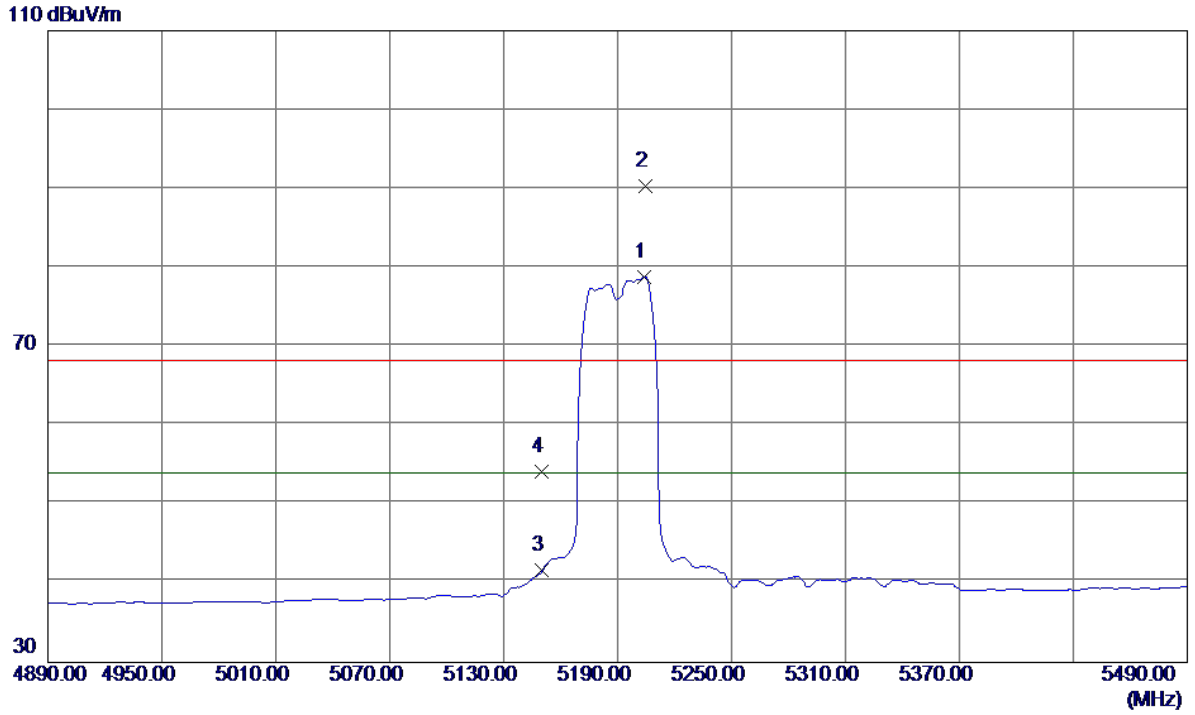
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10381.7980	34.26	13.83	48.09	68.30	-20.21	Peak	
2	10381.8270	23.43	13.83	37.26	54.00	-16.74	AVG	

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

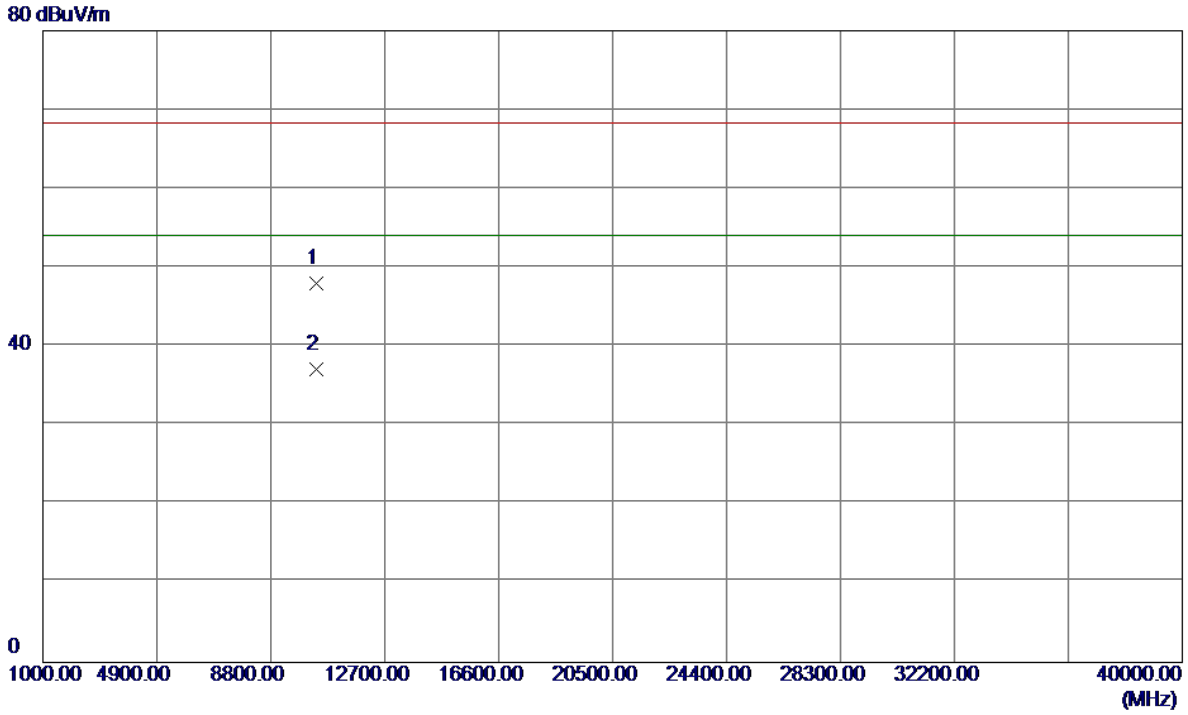
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5203.8000	40.69	38.13	78.82	54.00	24.82	AVG	No Limit
2	5204.4000	52.12	38.13	90.25	68.30	21.95	Peak	No Limit
3	5150.0000	3.81	37.89	41.70	54.00	-12.30	AVG	
4	5150.0000	16.24	37.89	54.13	68.30	-14.17	Peak	

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

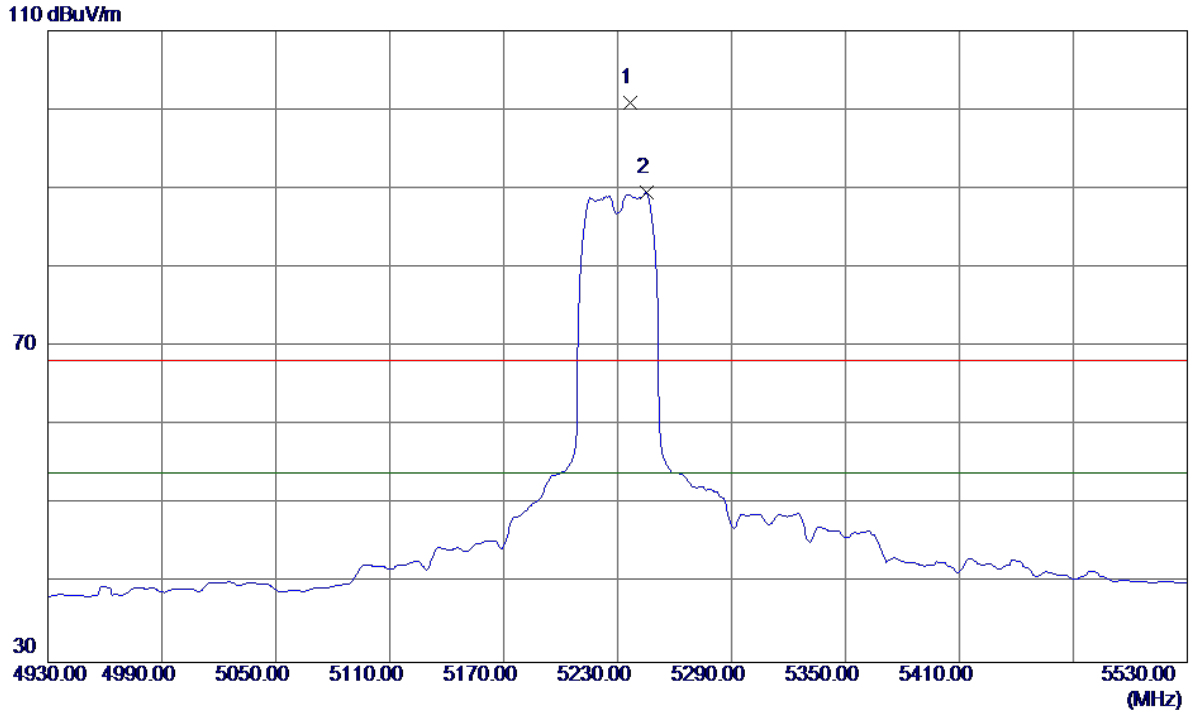
Horizontal



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

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

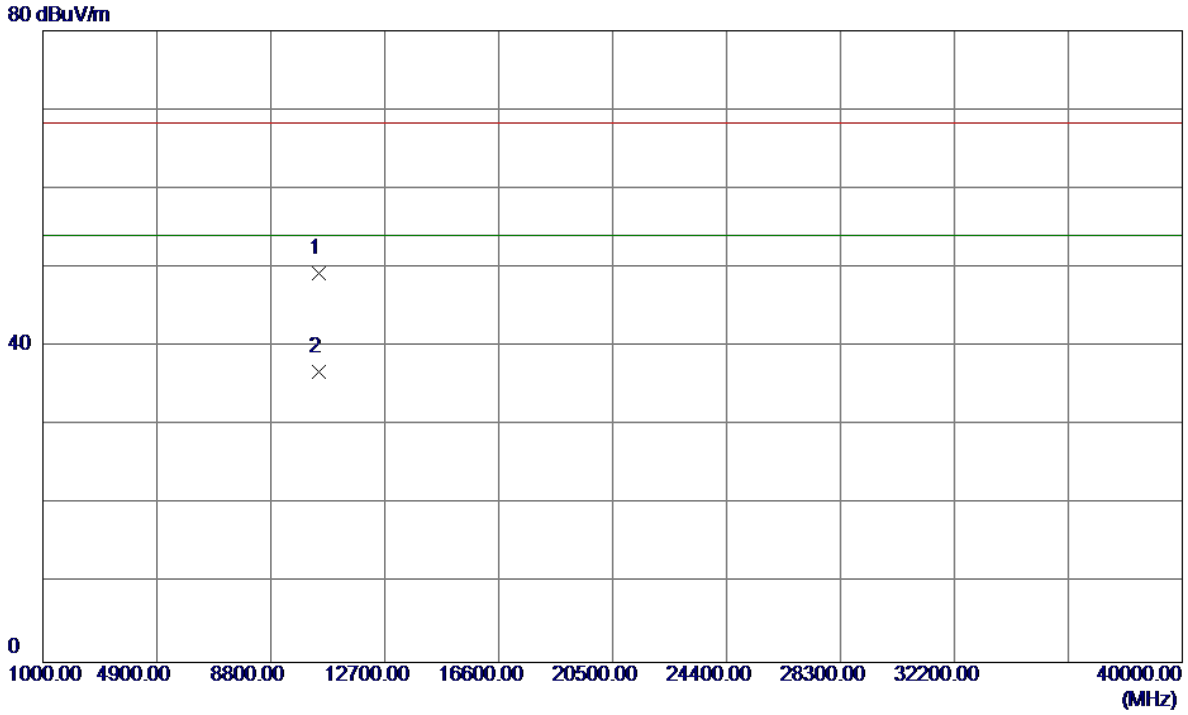
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.6000	62.65	38.28	100.93	68.30	32.63	Peak	No Limit
2	5245.6000	51.18	38.32	89.50	54.00	35.50	AVG	No Limit

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

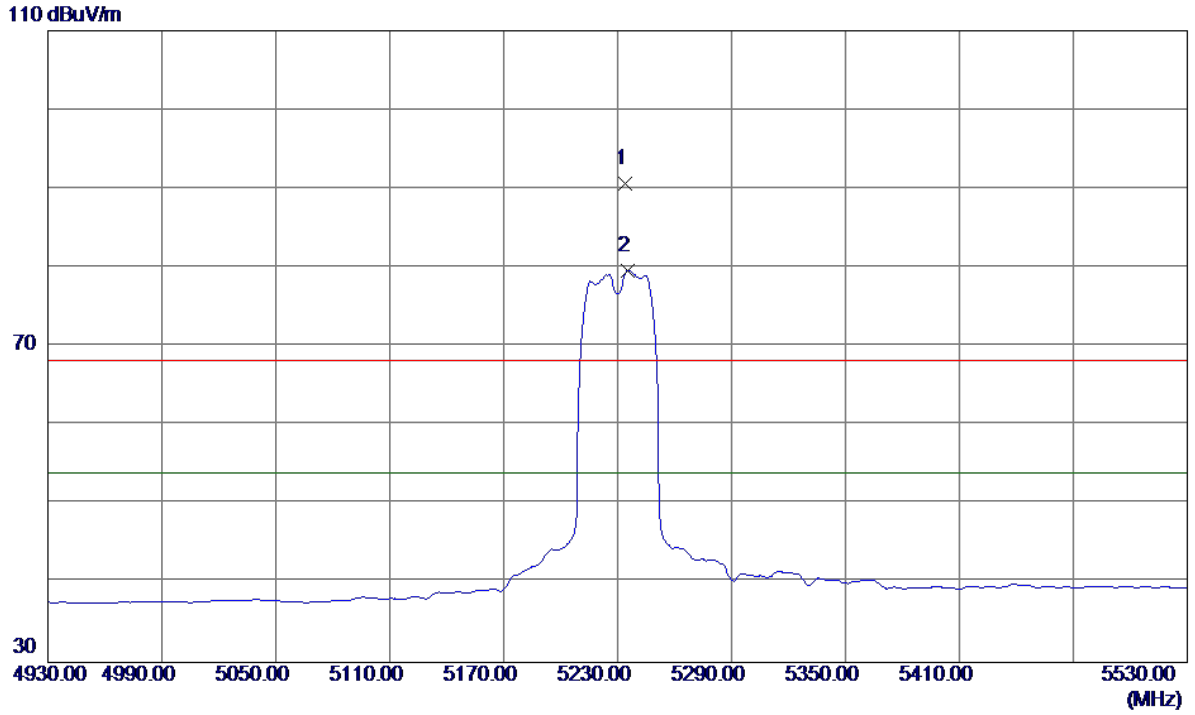
Vertical



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

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

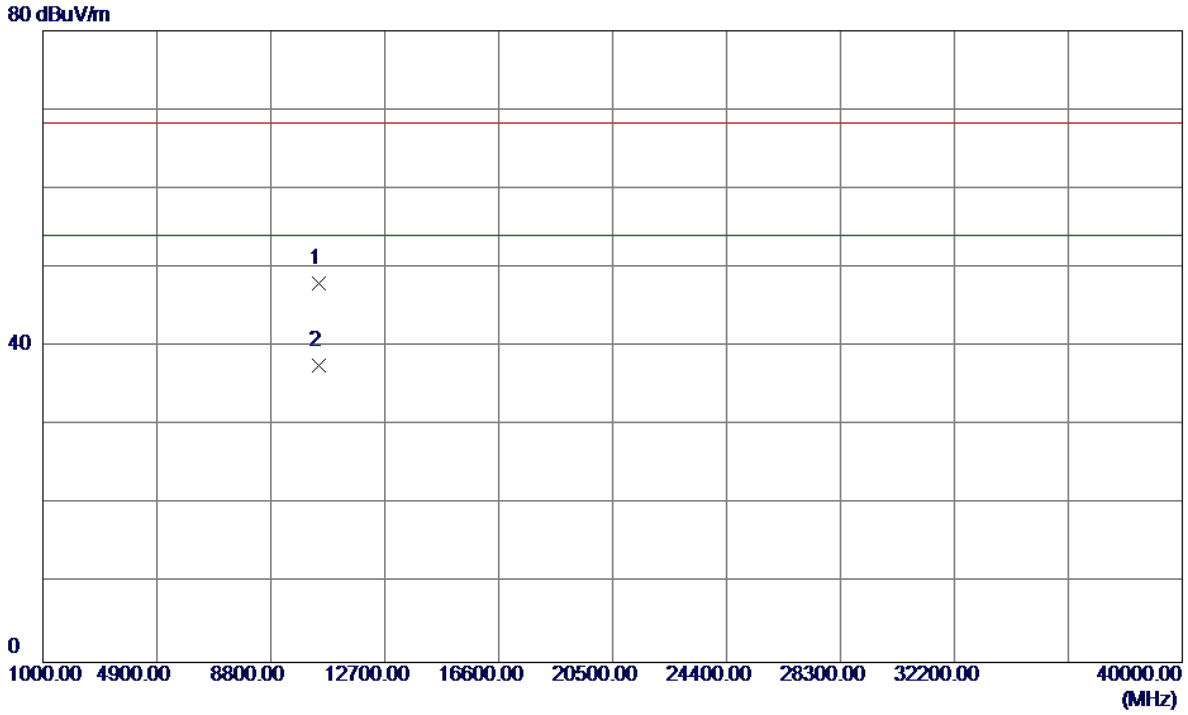
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5234.2000	52.43	38.27	90.70	68.30	22.40	Peak	No Limit
2	5235.4000	41.37	38.27	79.64	54.00	25.64	AVG	No Limit

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

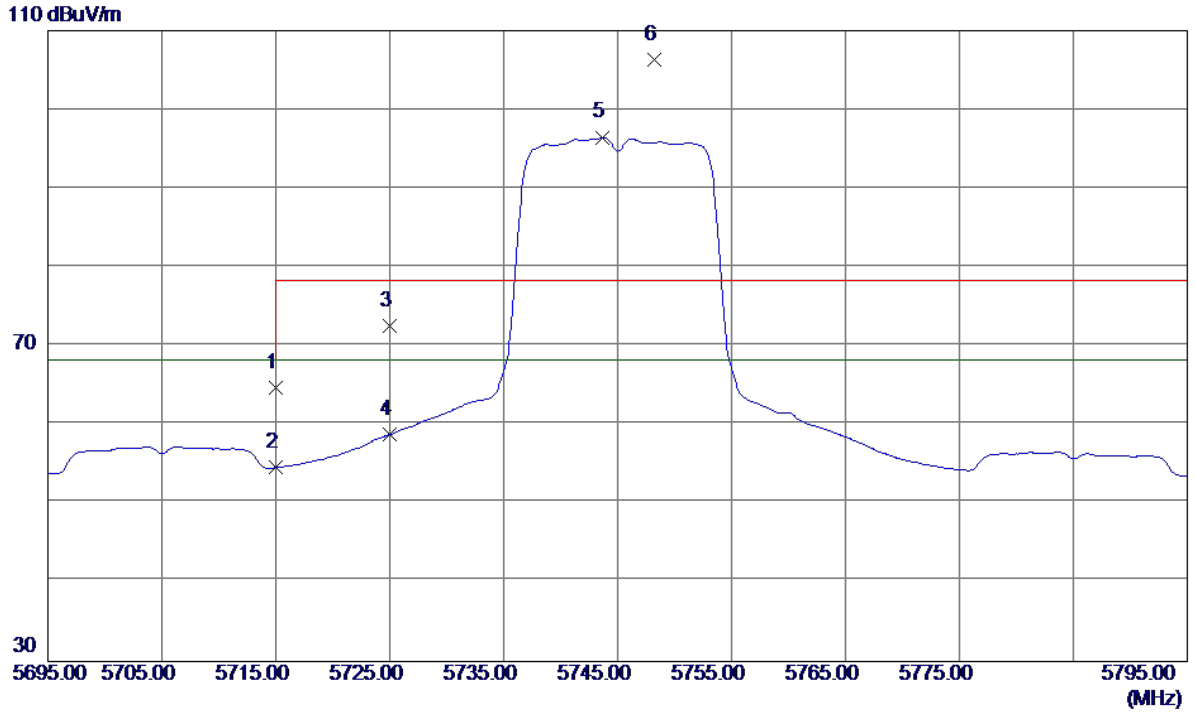
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.8800	34.26	13.72	47.98	68.30	-20.32	Peak	
2	10460.8800	23.83	13.72	37.55	54.00	-16.45	AVG	

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

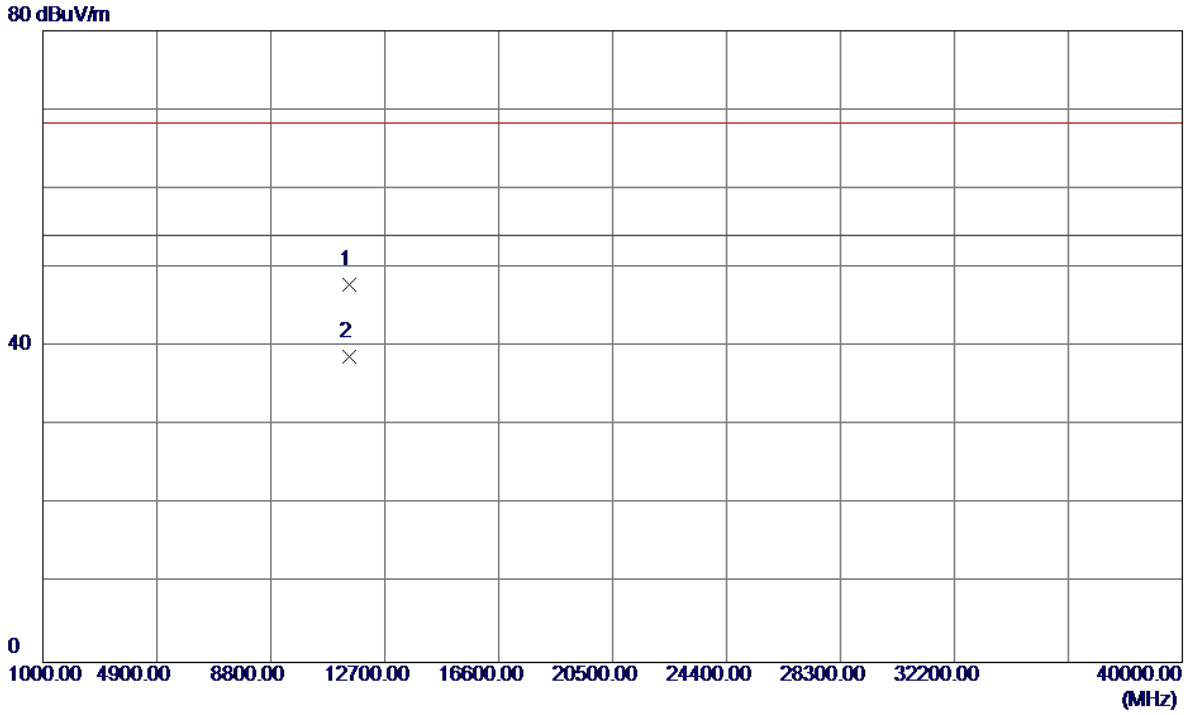
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.21	40.54	64.75	68.30	-3.55	Peak	
2	5715.0000	14.05	40.54	54.59	68.30	-13.71	AVG	
3	5725.0000	32.03	40.59	72.62	78.30	-5.68	Peak	
4	5725.0000	18.20	40.59	58.79	68.30	-9.51	AVG	
5	5743.7000	55.79	40.69	96.48	68.30	28.18	AVG	No Limit
6	5748.2000	65.58	40.71	106.29	78.30	27.99	Peak	No Limit

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

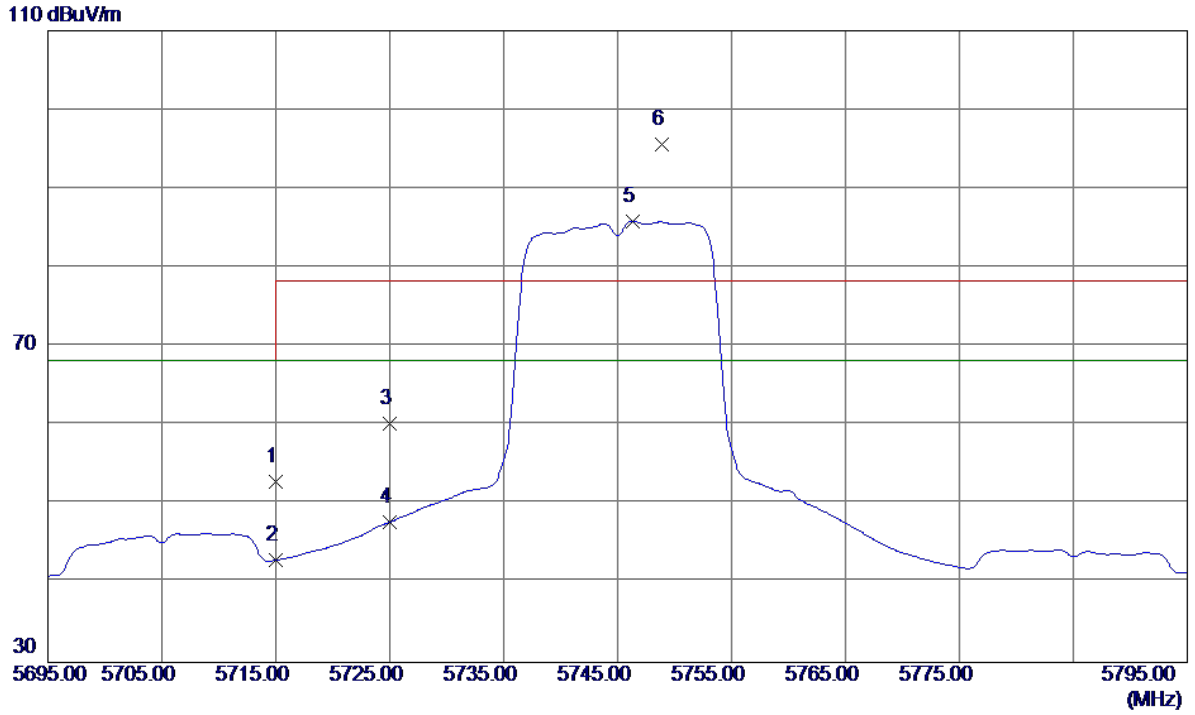
Vertical



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

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

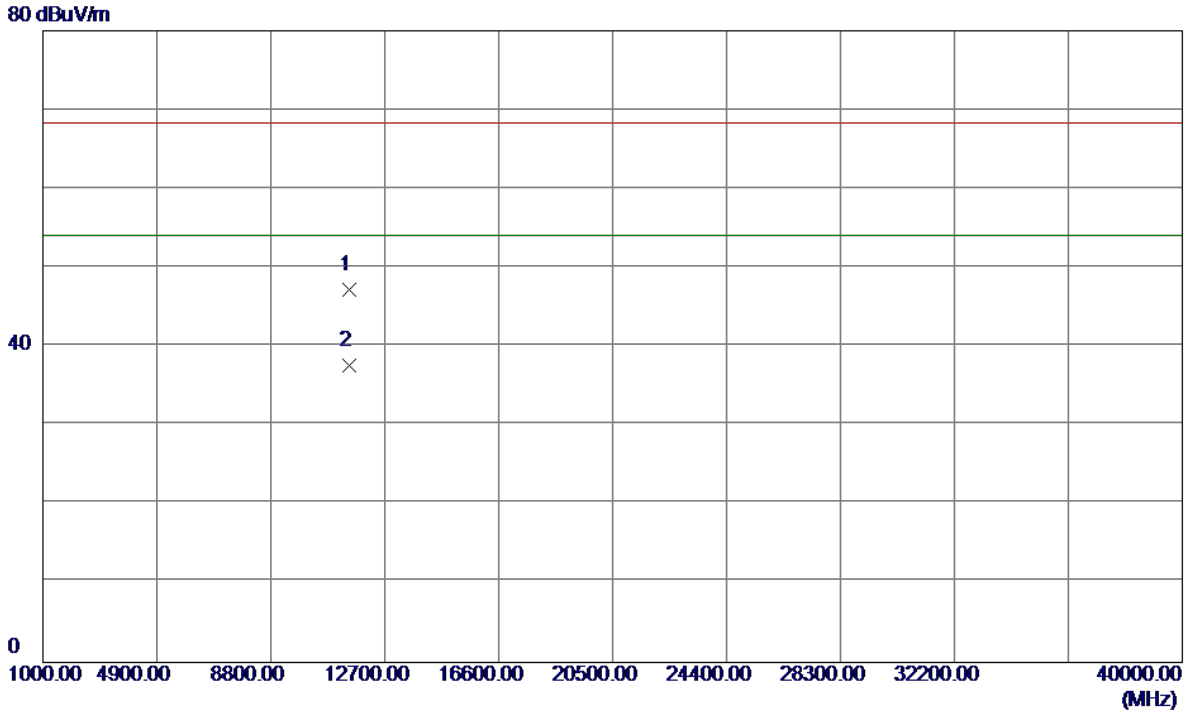
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	12.38	40.54	52.92	68.30	-15.38	Peak	
2	5715.0000	2.40	40.54	42.94	68.30	-25.36	AVG	
3	5725.0000	19.64	40.59	60.23	78.30	-18.07	Peak	
4	5725.0000	7.17	40.59	47.76	68.30	-20.54	AVG	
5	5746.3000	45.19	40.70	85.89	68.30	17.59	AVG	No Limit
6	5748.9000	54.91	40.71	95.62	78.30	17.32	Peak	No Limit

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

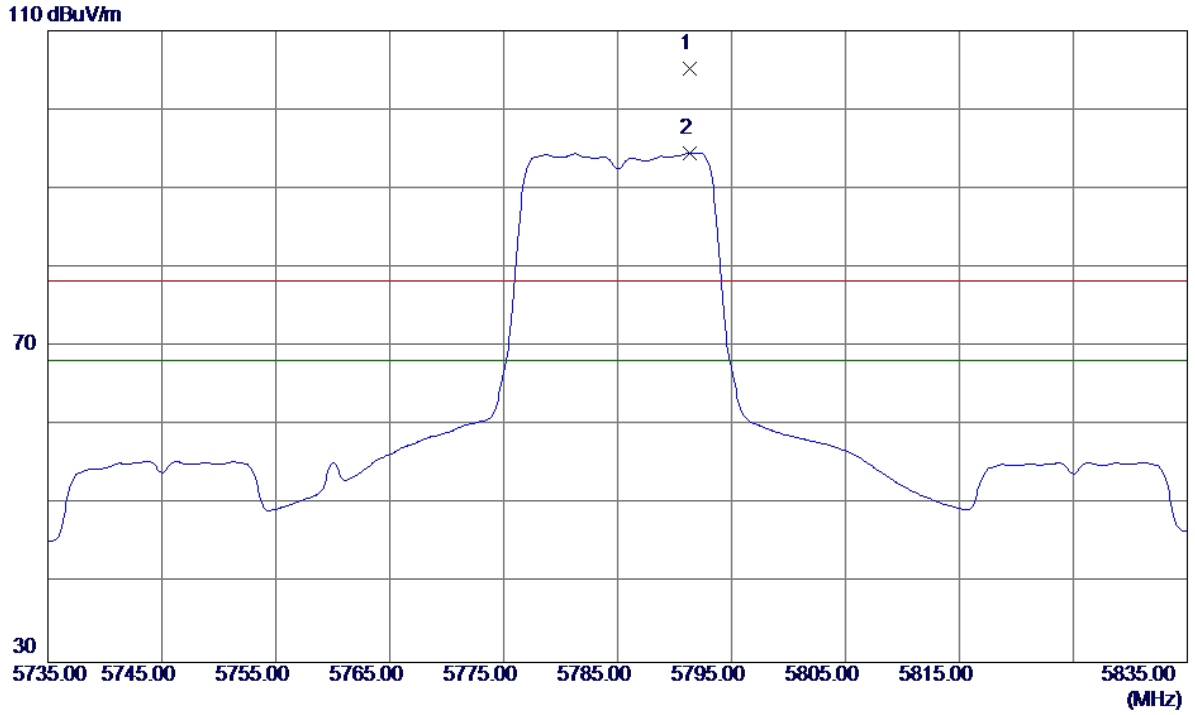
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.6120	30.34	16.91	47.25	68.30	-21.05	Peak	
2	11490.3470	20.62	16.91	37.53	54.00	-16.47	AVG	

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

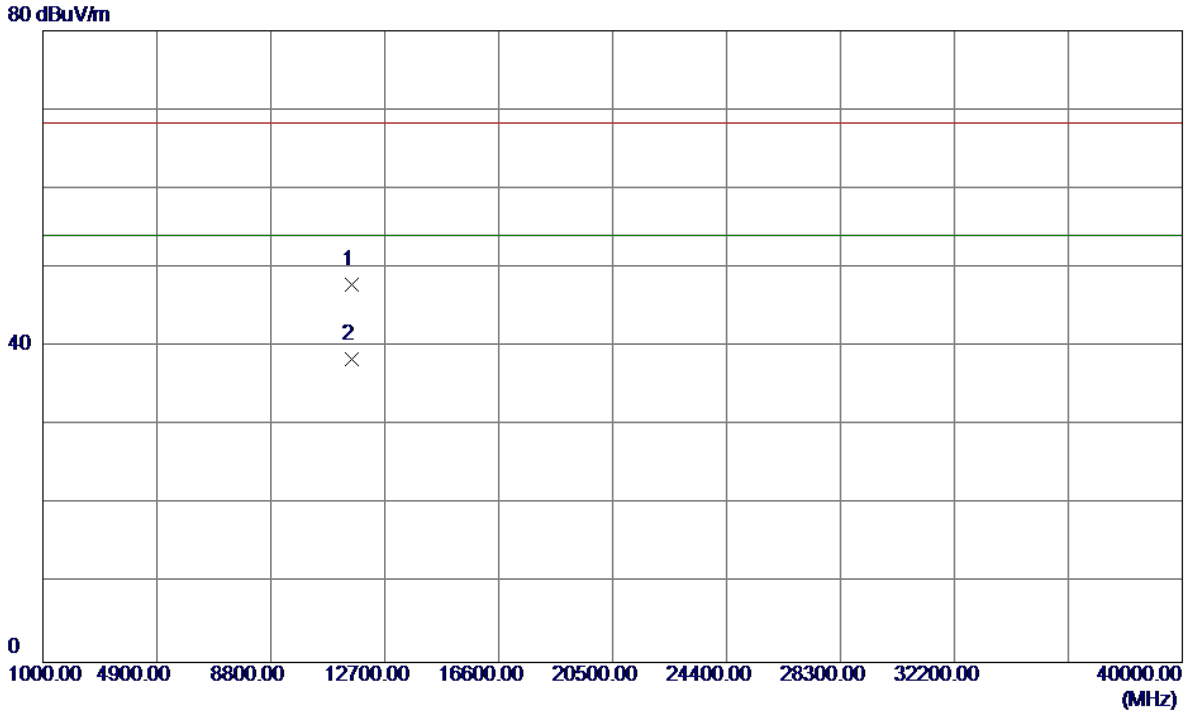
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5791.3000	64.23	40.93	105.16	78.30	26.86	Peak	No Limit
2	5791.3000	53.59	40.93	94.52	68.30	26.22	AVG	No Limit

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

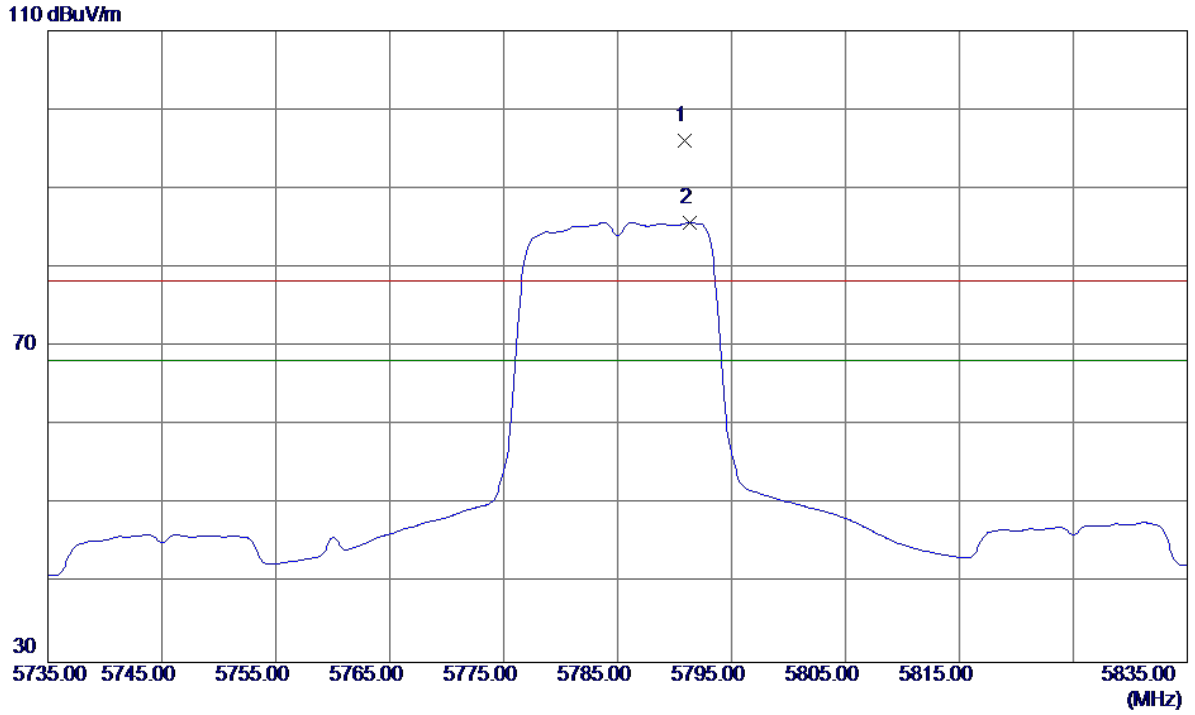
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.3640	30.72	17.05	47.77	68.30	-20.53	Peak	
2	11570.3500	21.36	17.05	38.41	54.00	-15.59	AVG	

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

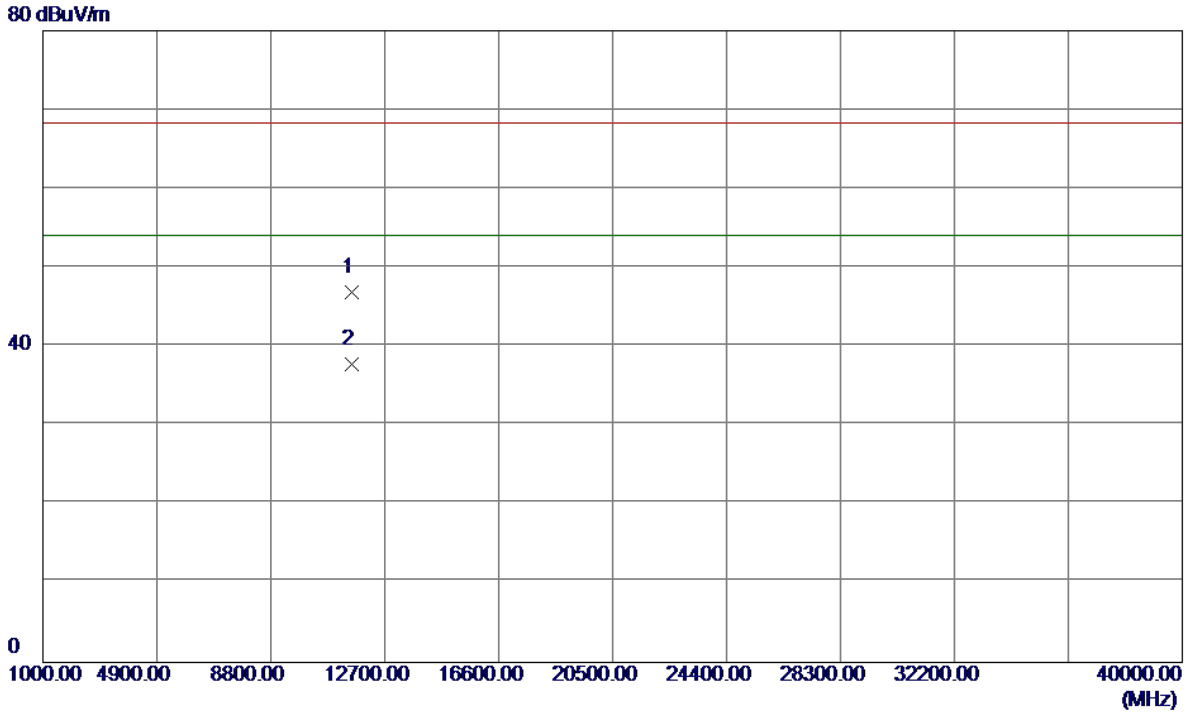
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5790.9000	55.16	40.93	96.09	78.30	17.79	Peak	No Limit
2	5791.3000	44.80	40.93	85.73	68.30	17.43	AVG	No Limit

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

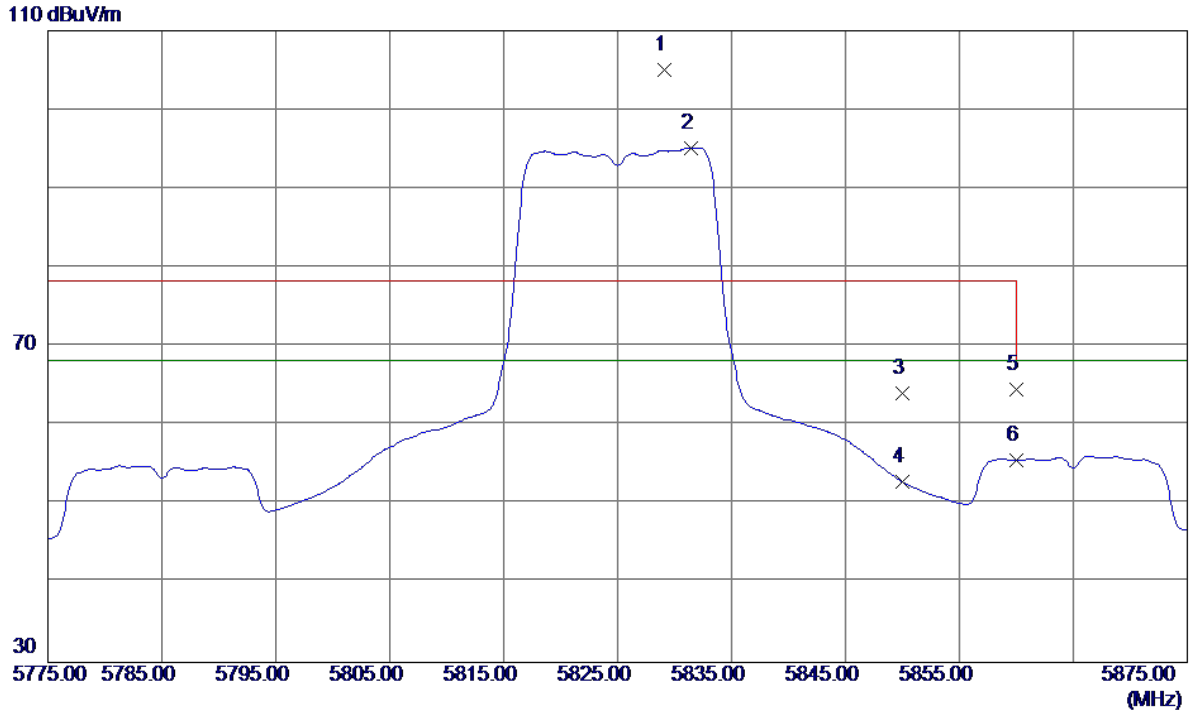
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.2200	29.76	17.05	46.81	68.30	-21.49	Peak	
2	11570.2200	20.64	17.05	37.69	54.00	-16.31	AVG	

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

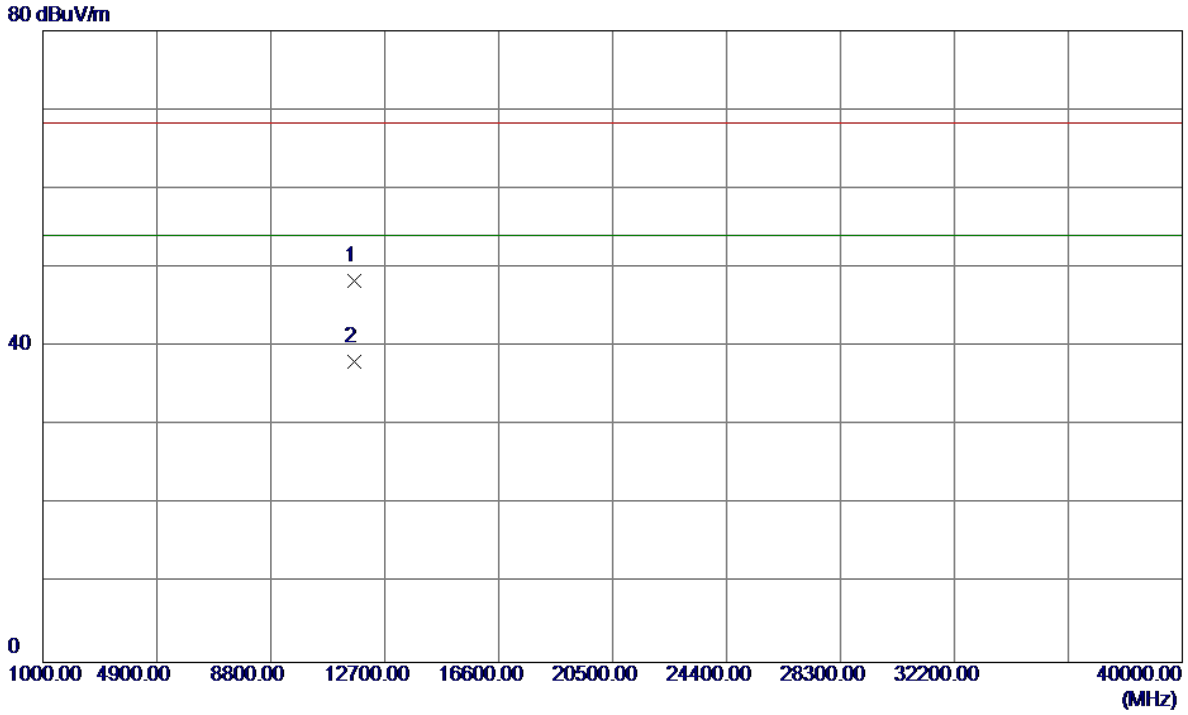
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5829.1000	63.87	41.12	104.99	78.30	26.69	Peak	No Limit
2	5831.4000	54.05	41.14	95.19	68.30	26.89	AVG	No Limit
3	5850.0000	22.85	41.23	64.08	78.30	-14.22	Peak	
4	5850.0000	11.64	41.23	52.87	68.30	-15.43	AVG	
5	5860.0000	23.35	41.28	64.63	78.30	-13.67	Peak	
6	5860.0000	14.31	41.28	55.59	68.30	-12.71	AVG	

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

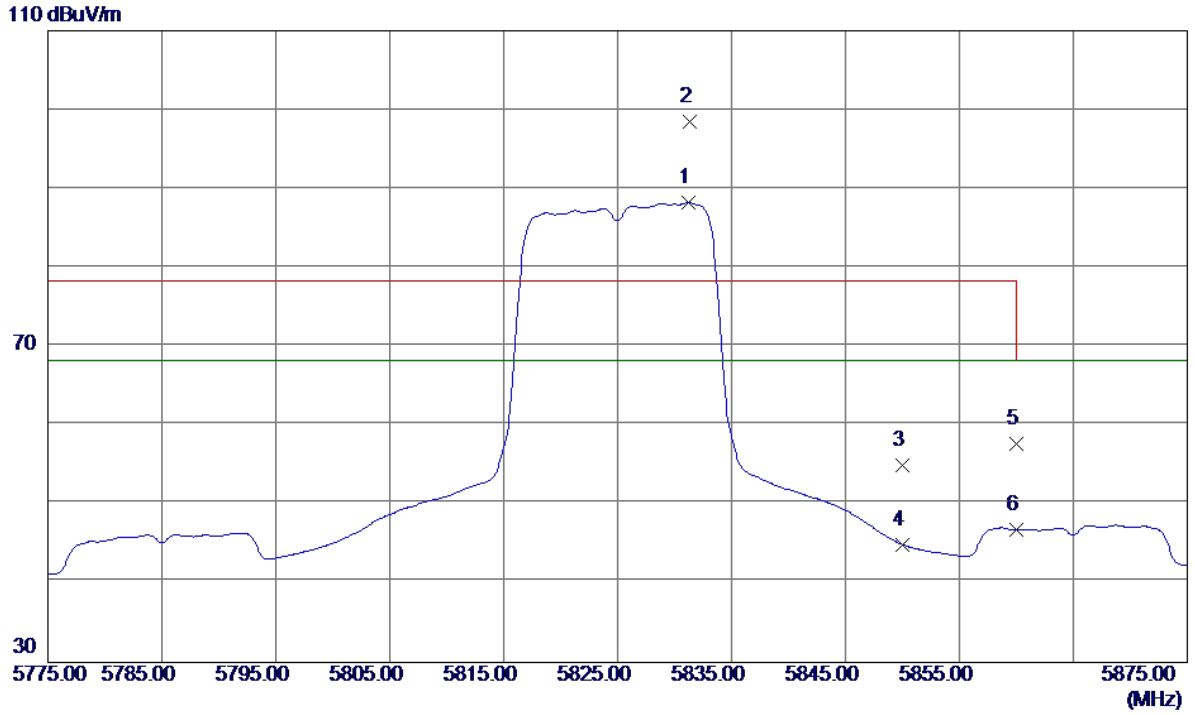
Vertical



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

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

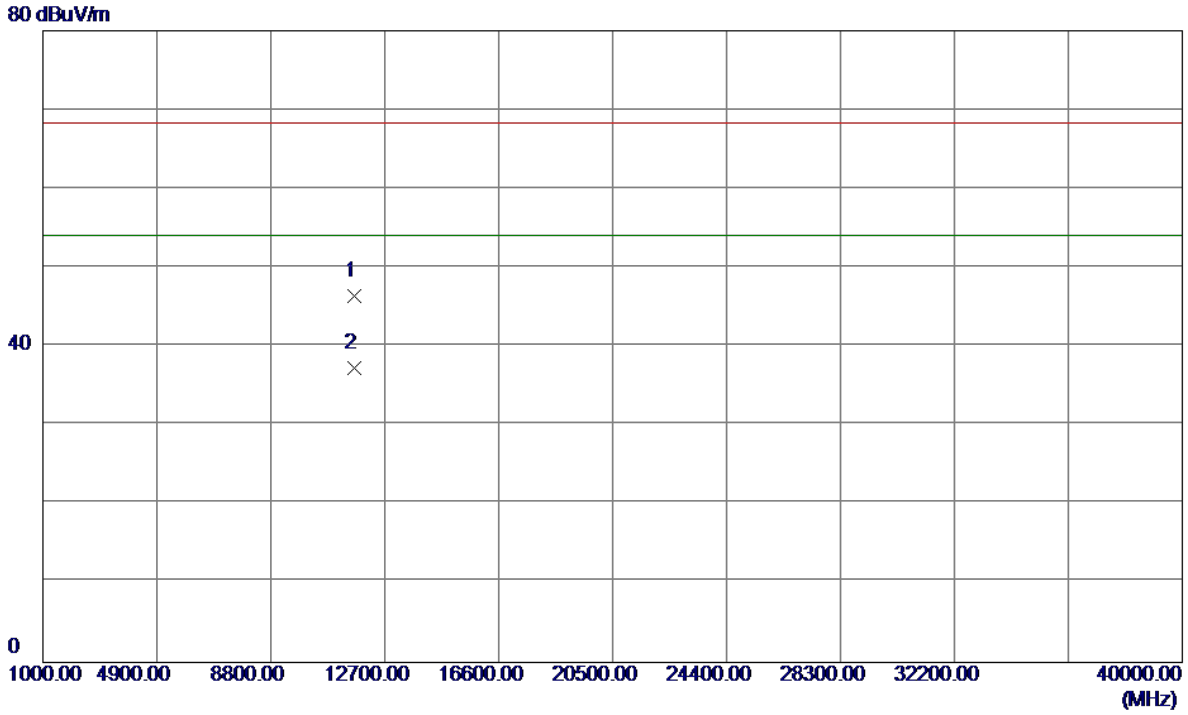
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5831.2000	47.08	41.14	88.22	68.30	19.92	AVG	No Limit
2	5831.3000	57.33	41.14	98.47	78.30	20.17	Peak	No Limit
3	5850.0000	13.73	41.23	54.96	78.30	-23.34	Peak	
4	5850.0000	3.69	41.23	44.92	68.30	-23.38	AVG	
5	5860.0000	16.42	41.28	57.70	78.30	-20.60	Peak	
6	5860.0000	5.53	41.28	46.81	68.30	-21.49	AVG	

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

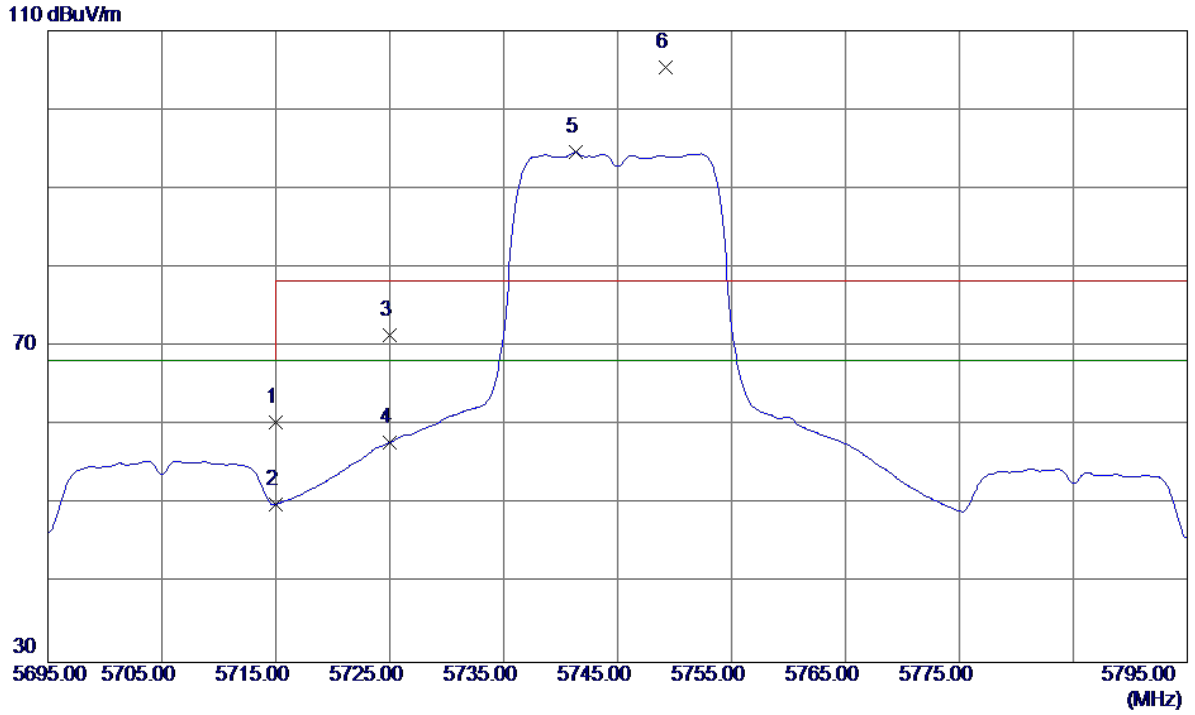
Horizontal



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

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

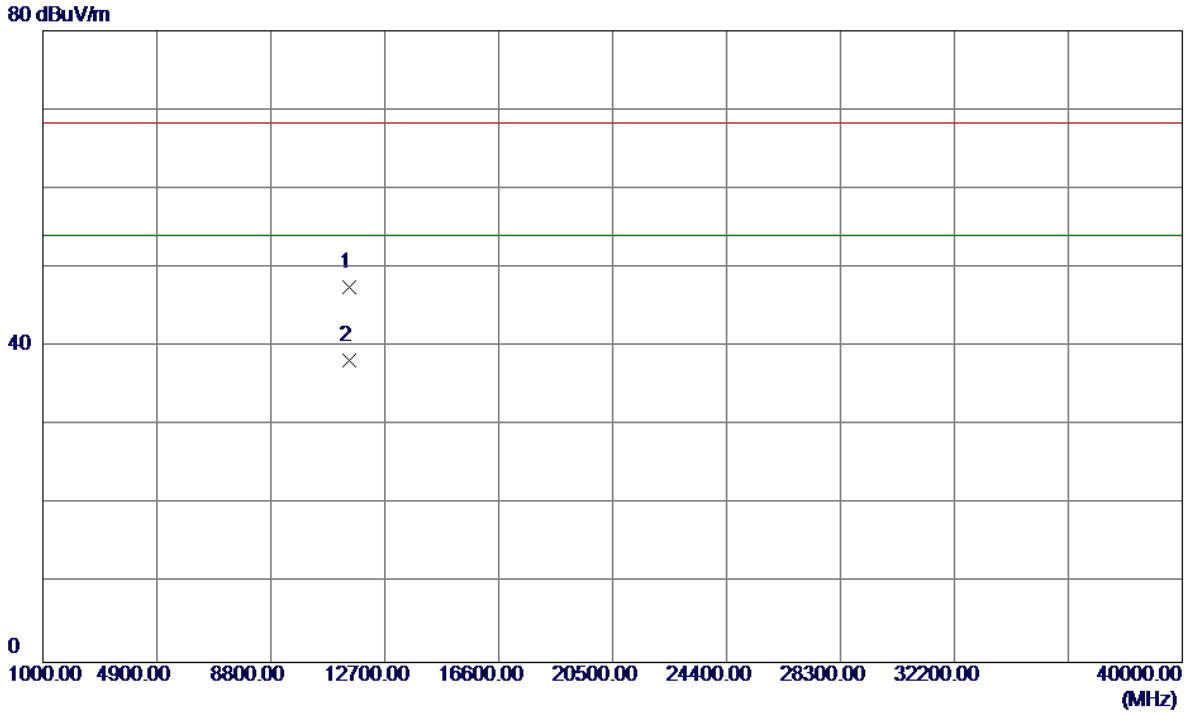
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	19.82	40.54	60.36	68.30	-7.94	Peak	
2	5715.0000	9.46	40.54	50.00	68.30	-18.30	AVG	
3	5725.0000	30.91	40.59	71.50	78.30	-6.80	Peak	
4	5725.0000	17.26	40.59	57.85	68.30	-10.45	AVG	
5	5741.3000	53.91	40.68	94.59	68.30	26.29	AVG	No Limit
6	5749.2000	64.68	40.72	105.40	78.30	27.10	Peak	No Limit

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

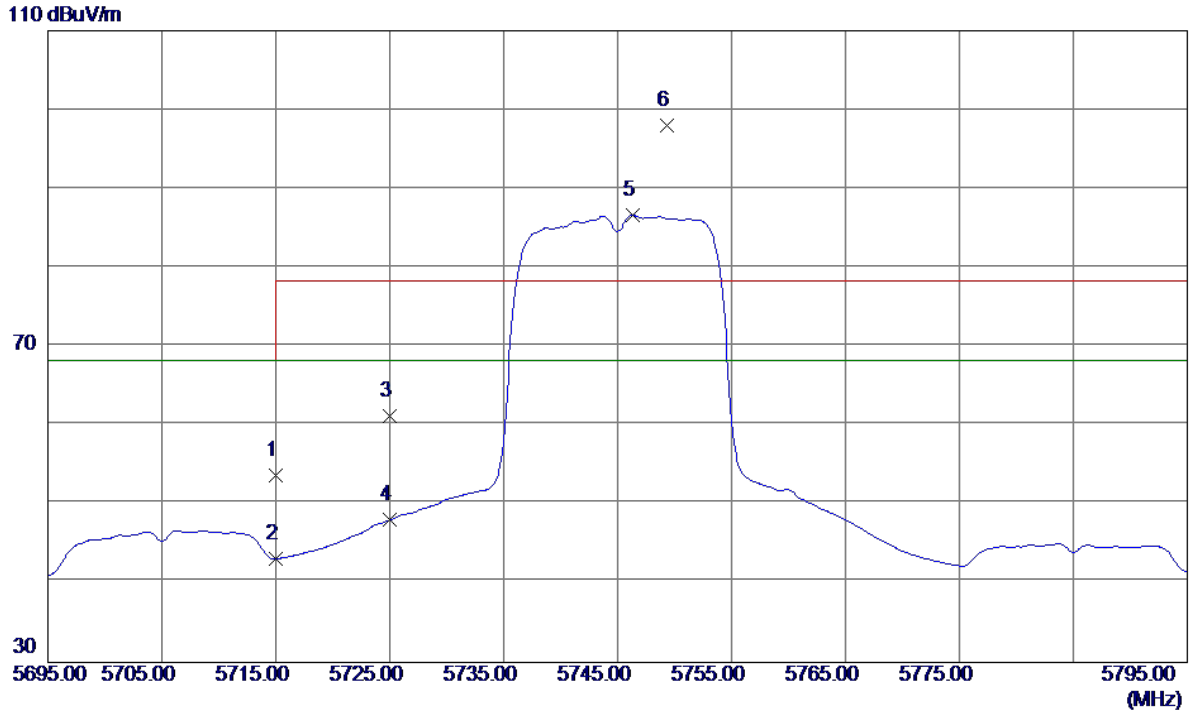
Vertical



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

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

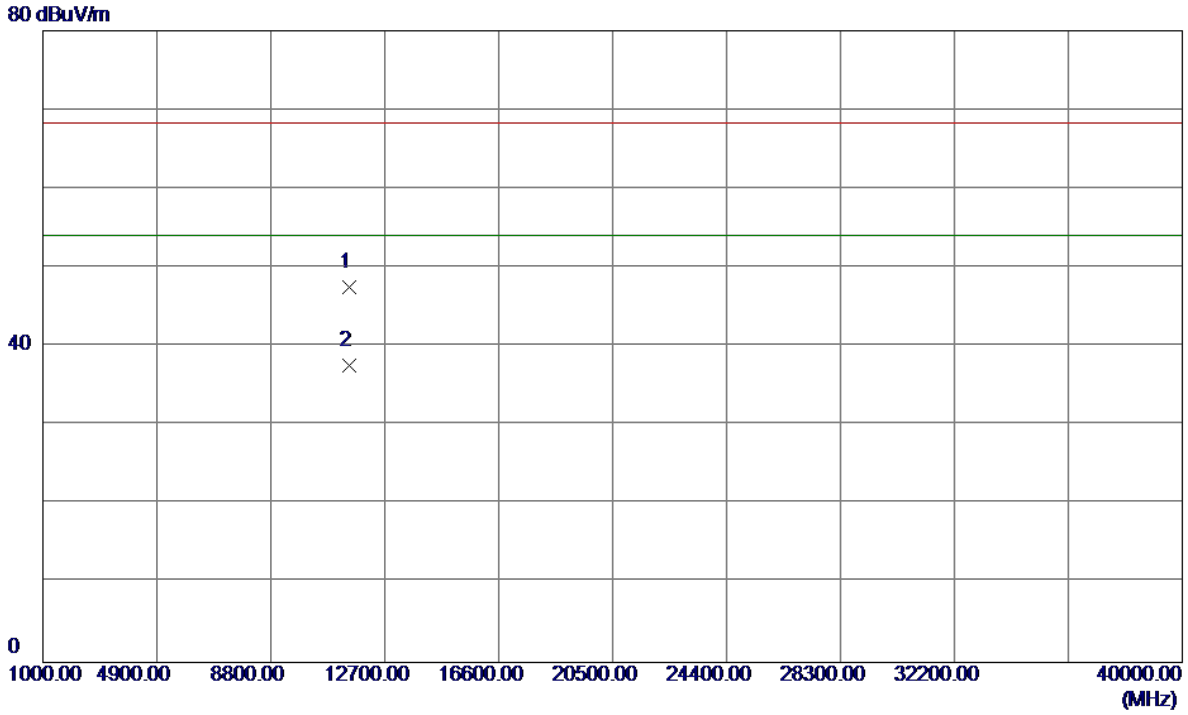
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.13	40.54	53.67	68.30	-14.63	Peak	
2	5715.0000	2.54	40.54	43.08	68.30	-25.22	AVG	
3	5725.0000	20.62	40.59	61.21	78.30	-17.09	Peak	
4	5725.0000	7.43	40.59	48.02	68.30	-20.28	AVG	
5	5746.3000	45.96	40.70	86.66	68.30	18.36	AVG	No Limit
6	5749.3000	57.22	40.72	97.94	78.30	19.64	Peak	No Limit

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

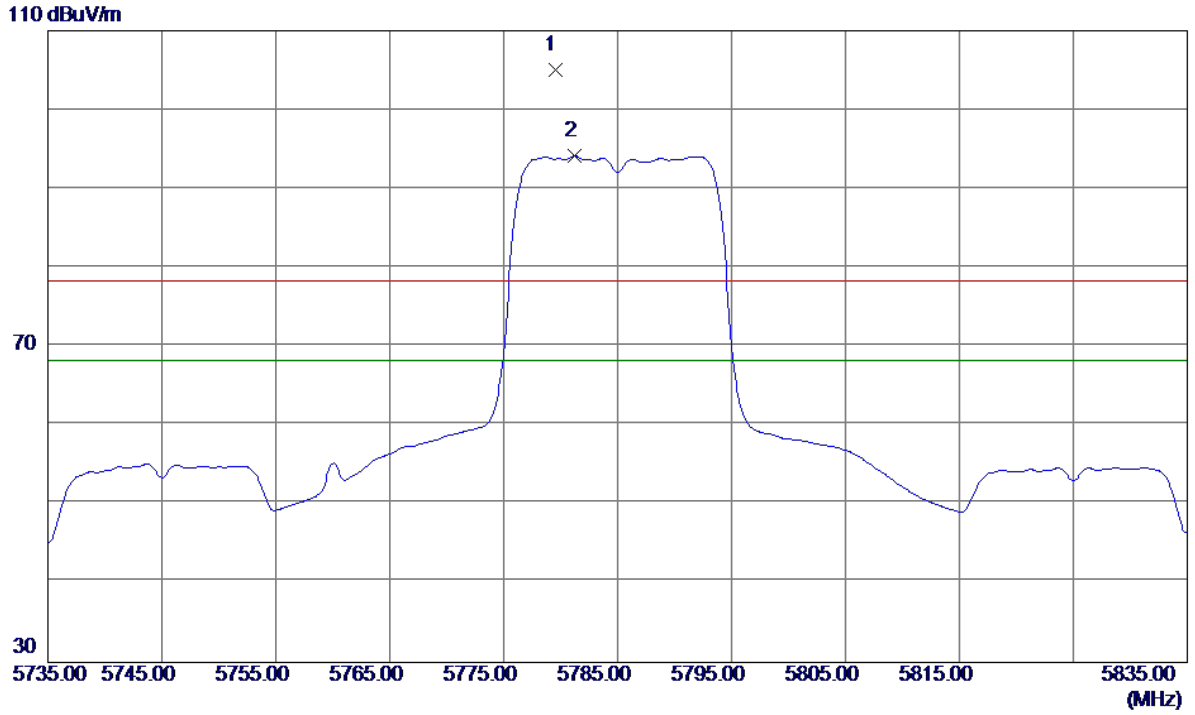
Horizontal



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

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

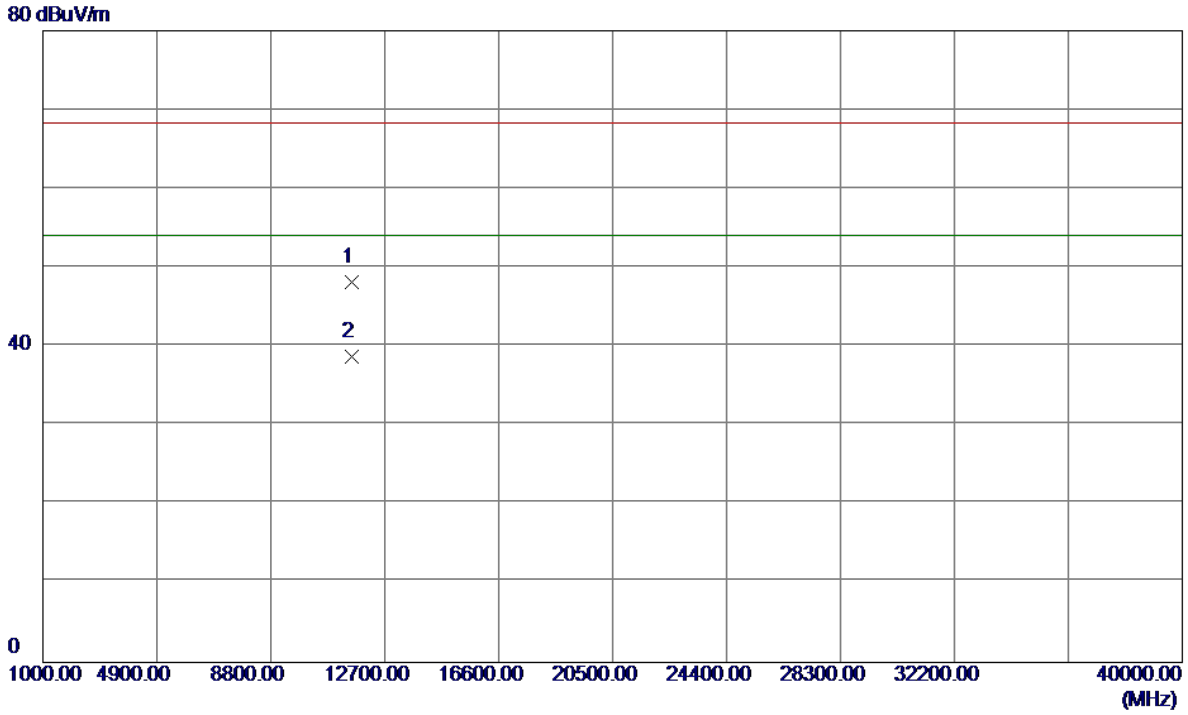
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5779.5000	64.16	40.87	105.03	78.30	26.73	Peak	No Limit
2	5781.2000	53.29	40.88	94.17	68.30	25.87	AVG	No Limit

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

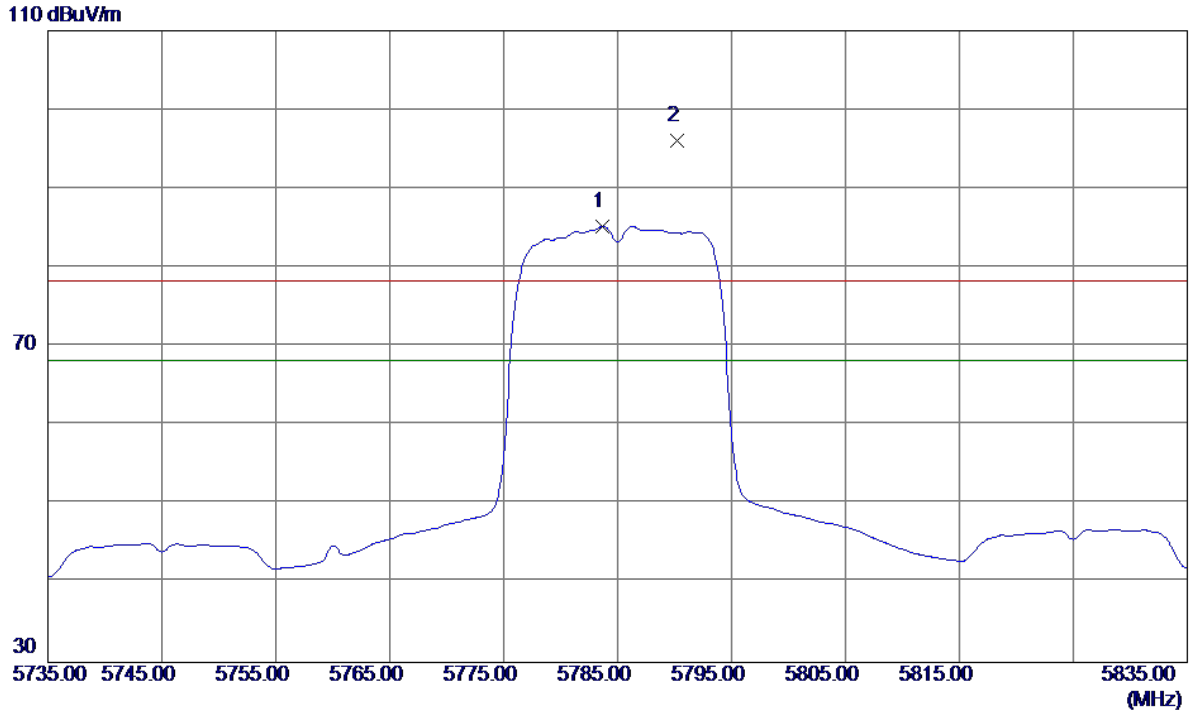
Vertical



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

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

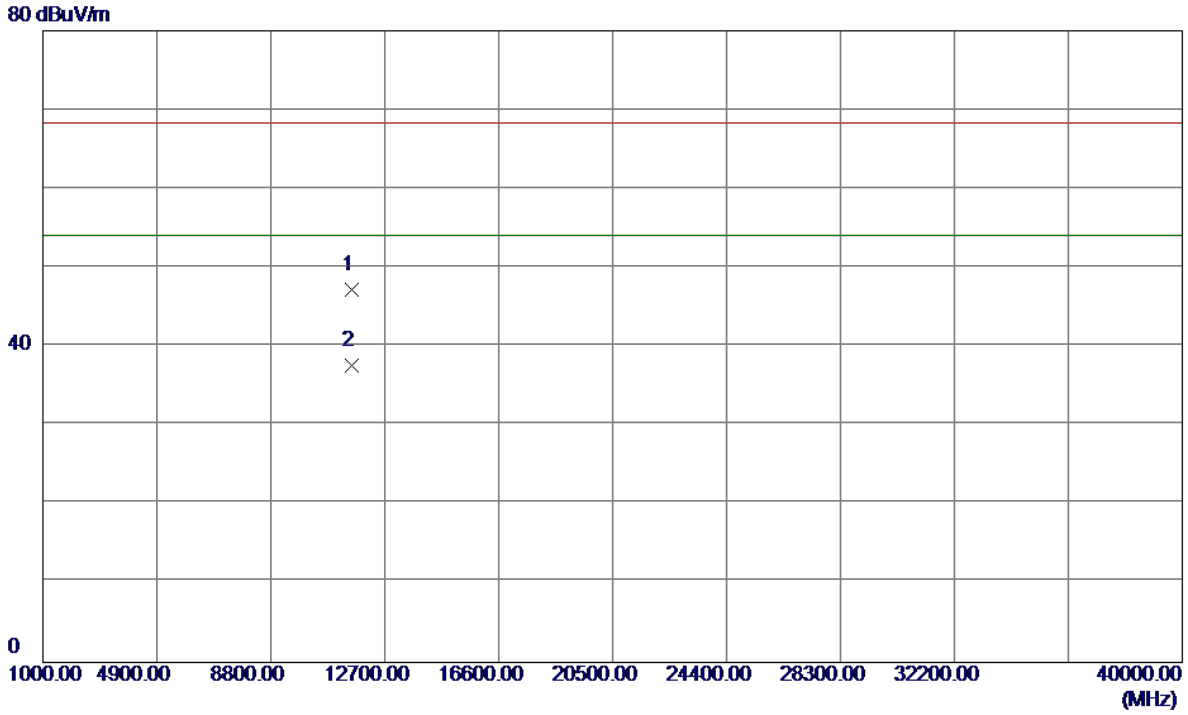
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5783.7000	44.34	40.89	85.23	68.30	16.93	AVG	No Limit
2	5790.2000	55.17	40.93	96.10	78.30	17.80	Peak	No Limit

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

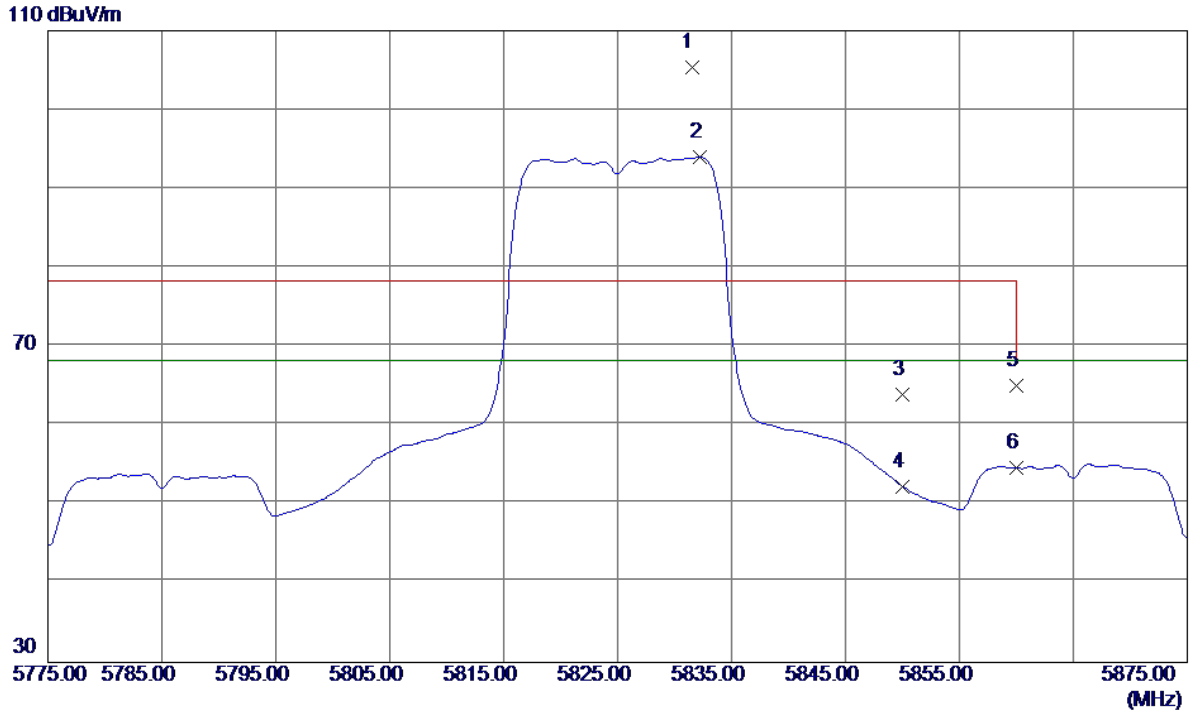
Horizontal



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

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

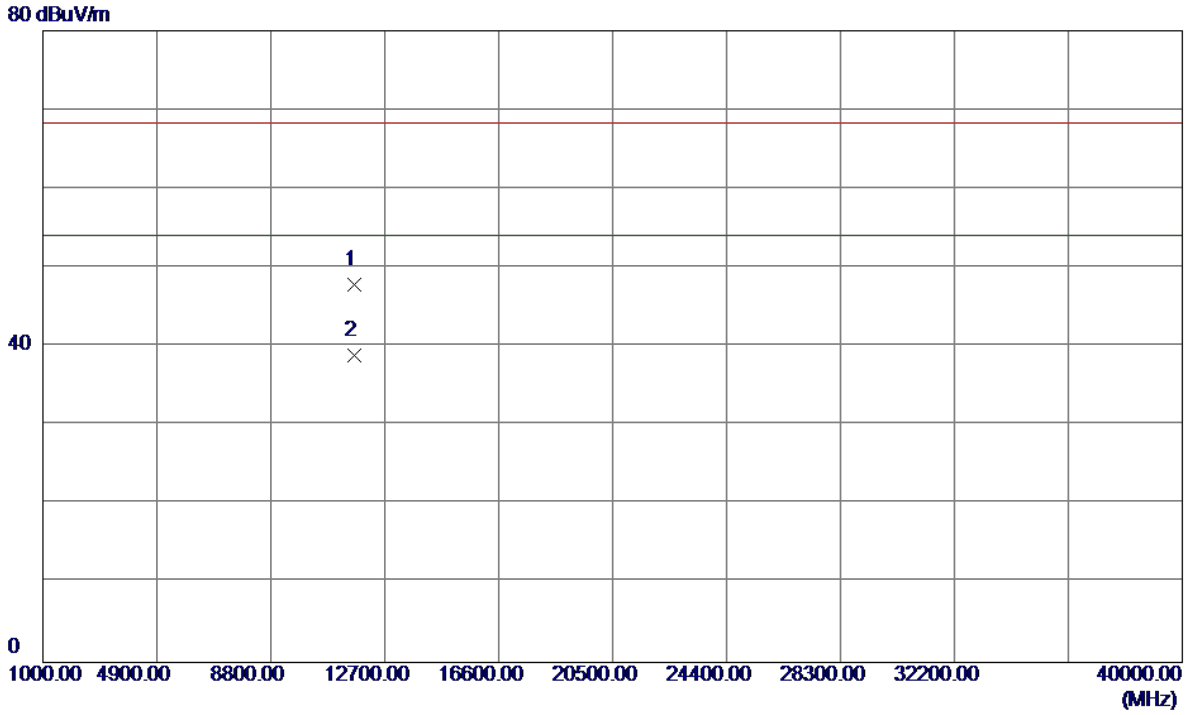
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5831.5000	64.26	41.14	105.40	78.30	27.10	Peak	No Limit
2	5832.2000	52.82	41.14	93.96	68.30	25.66	AVG	No Limit
3	5850.0000	22.65	41.23	63.88	78.30	-14.42	Peak	
4	5850.0000	11.08	41.23	52.31	68.30	-15.99	AVG	
5	5860.0000	23.83	41.28	65.11	78.30	-13.19	Peak	
6	5860.0000	13.37	41.28	54.65	68.30	-13.65	AVG	

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

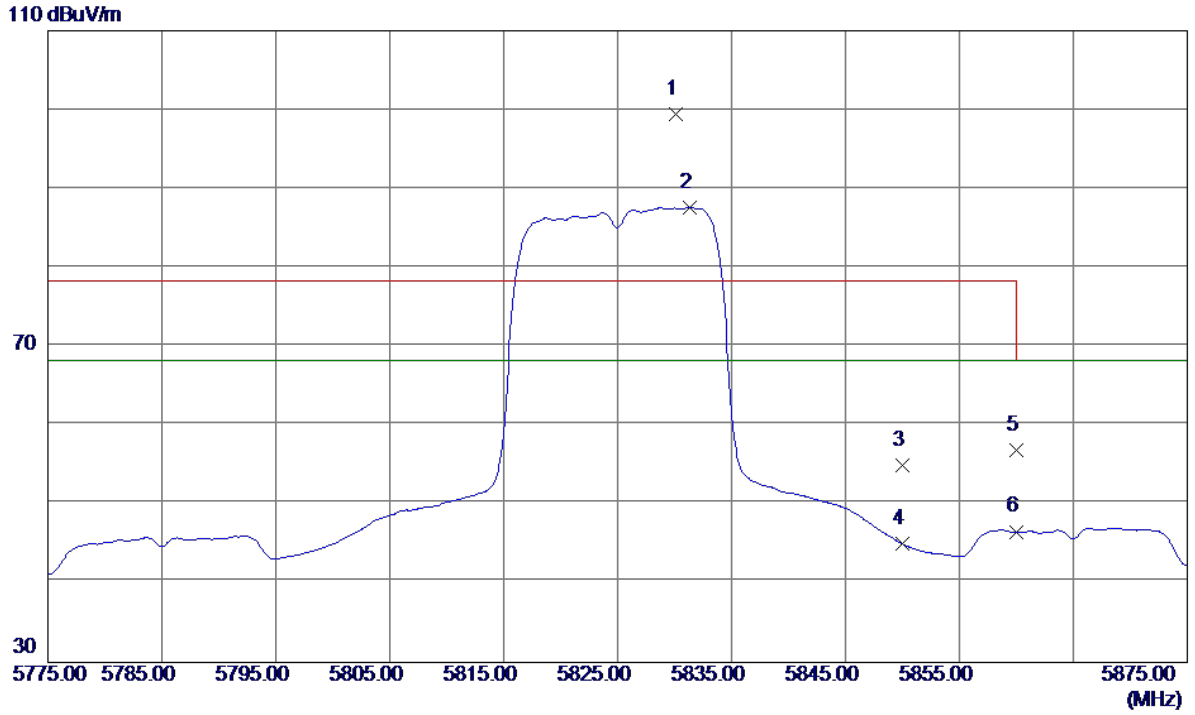
Vertical



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

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

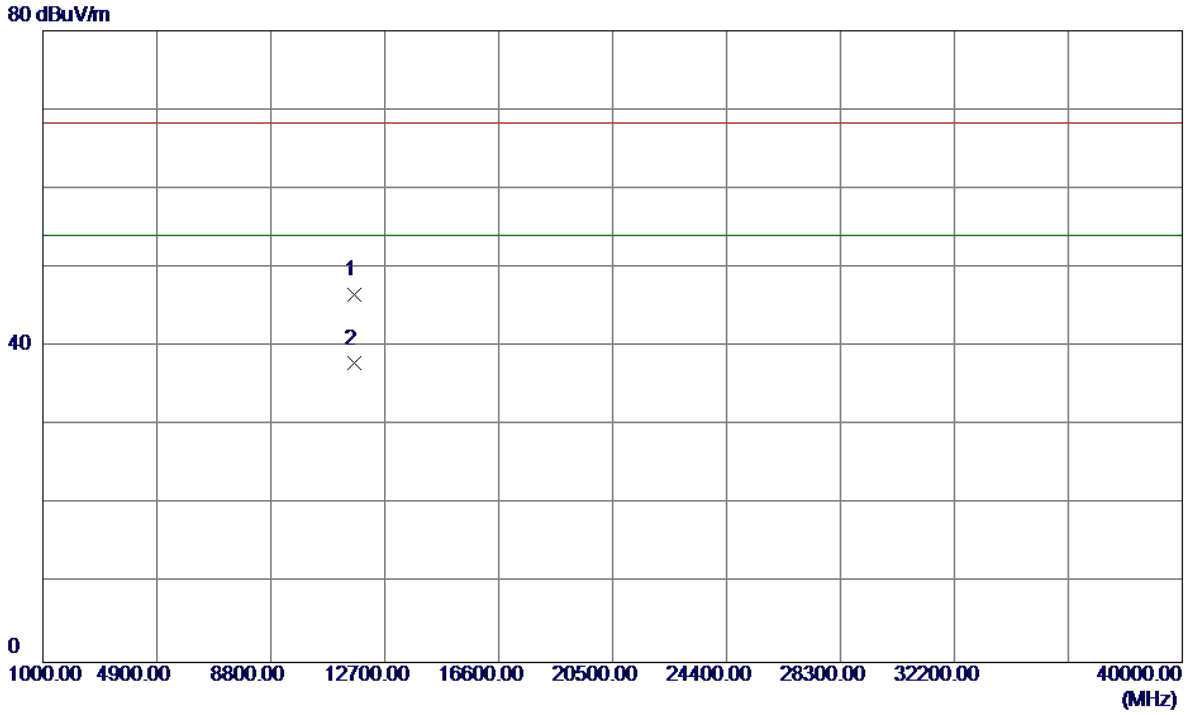
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5830.1000	58.31	41.13	99.44	78.30	21.14	Peak	No Limit
2	5831.3000	46.50	41.14	87.64	68.30	19.34	AVG	No Limit
3	5850.0000	13.71	41.23	54.94	78.30	-23.36	Peak	
4	5850.0000	3.77	41.23	45.00	68.30	-23.30	AVG	
5	5860.0000	15.56	41.28	56.84	78.30	-21.46	Peak	
6	5860.0000	5.28	41.28	46.56	68.30	-21.74	AVG	

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

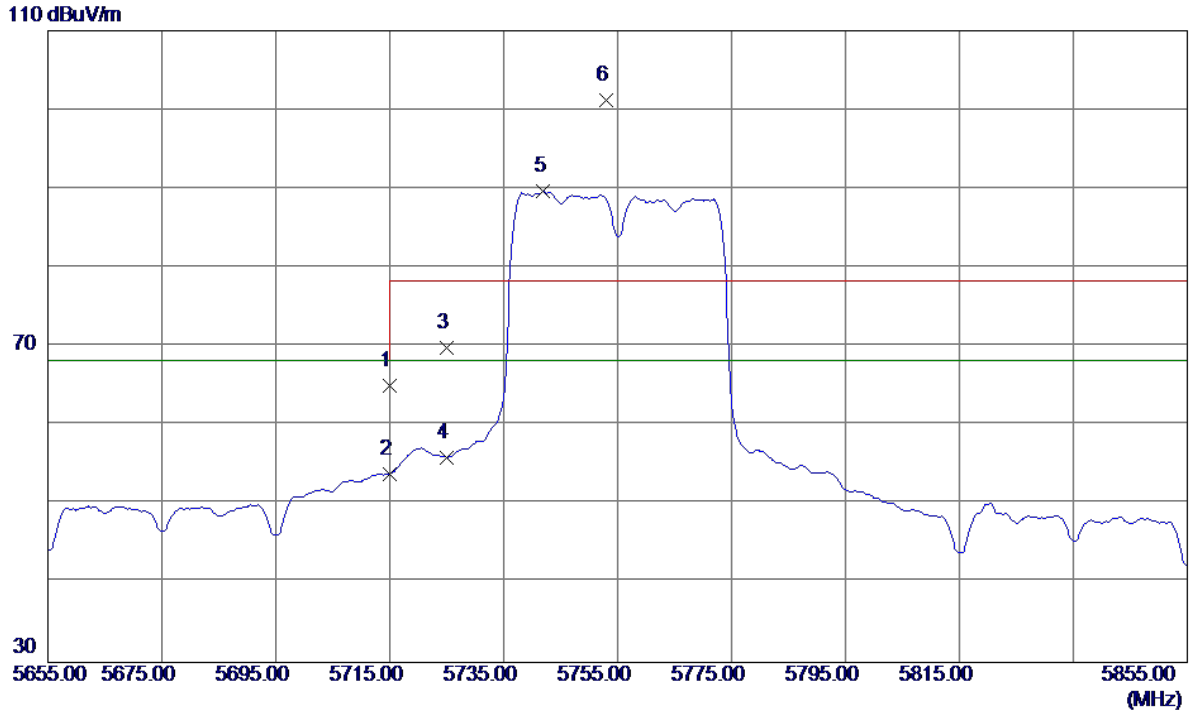
Horizontal



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

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

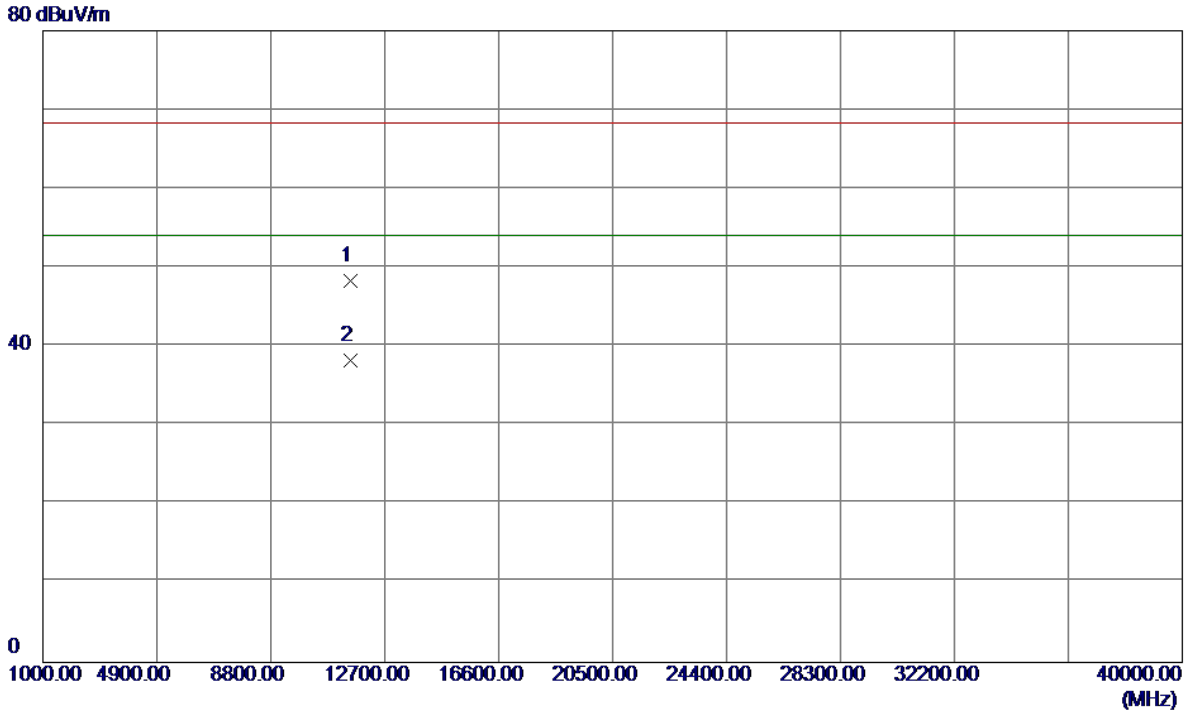
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.51	40.54	65.05	68.30	-3.25	Peak	
2	5715.0000	13.35	40.54	53.89	68.30	-14.41	AVG	
3	5725.0000	29.18	40.59	69.77	78.30	-8.53	Peak	
4	5725.0000	15.40	40.59	55.99	68.30	-12.31	AVG	
5	5742.0000	49.02	40.68	89.70	68.30	21.40	AVG	No Limit
6	5753.0000	60.45	40.74	101.19	78.30	22.89	Peak	No Limit

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

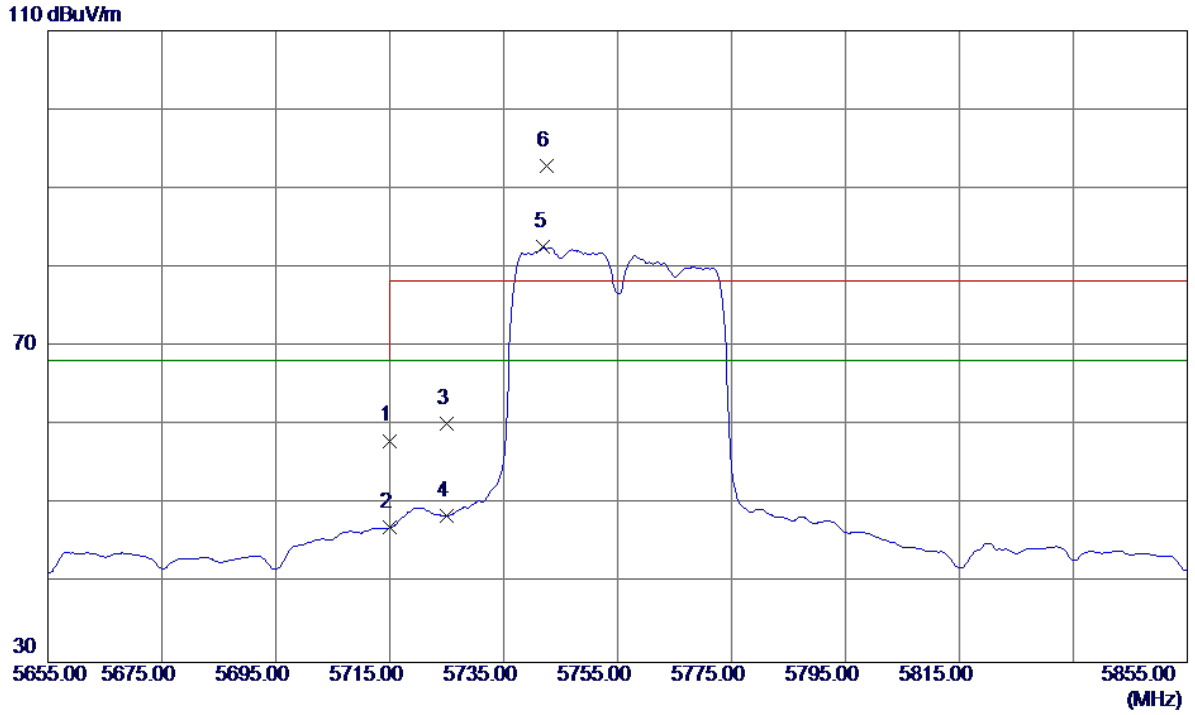
Vertical



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

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

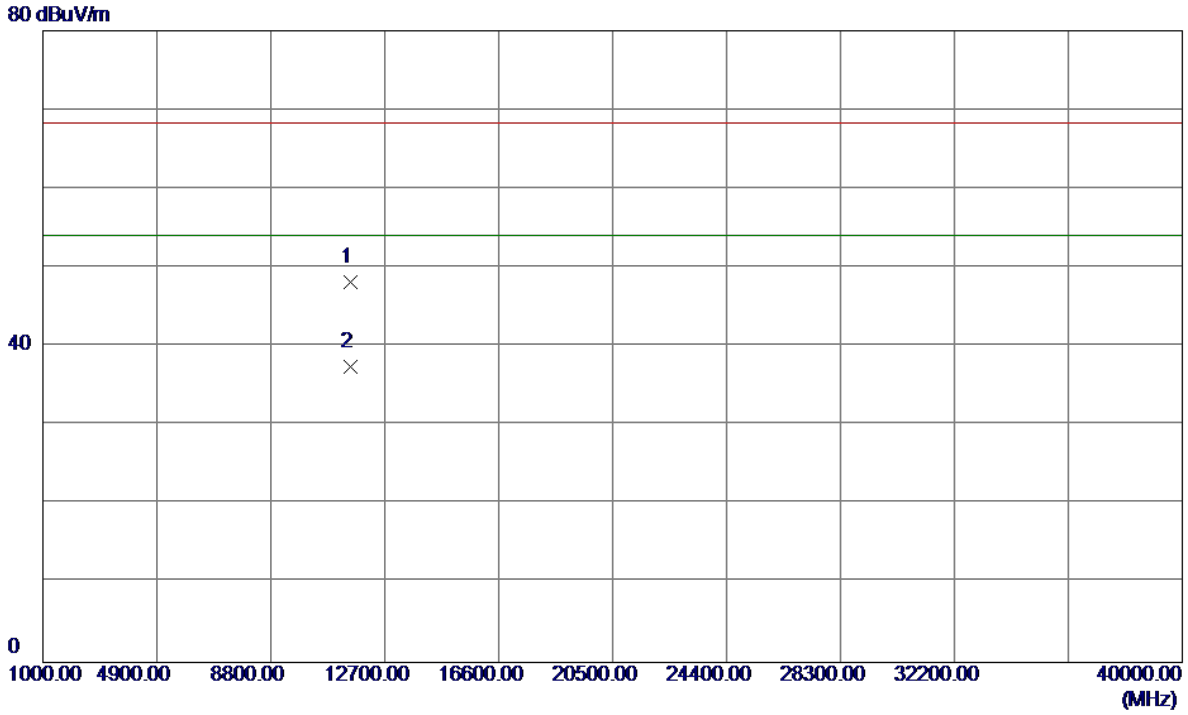
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	17.54	40.54	58.08	68.30	-10.22	Peak	
2	5715.0000	6.51	40.54	47.05	68.30	-21.25	AVG	
3	5725.0000	19.65	40.59	60.24	78.30	-18.06	Peak	
4	5725.0000	7.96	40.59	48.55	68.30	-19.75	AVG	
5	5742.0000	41.89	40.68	82.57	68.30	14.27	AVG	No Limit
6	5742.6000	52.24	40.68	92.92	78.30	14.62	Peak	No Limit

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

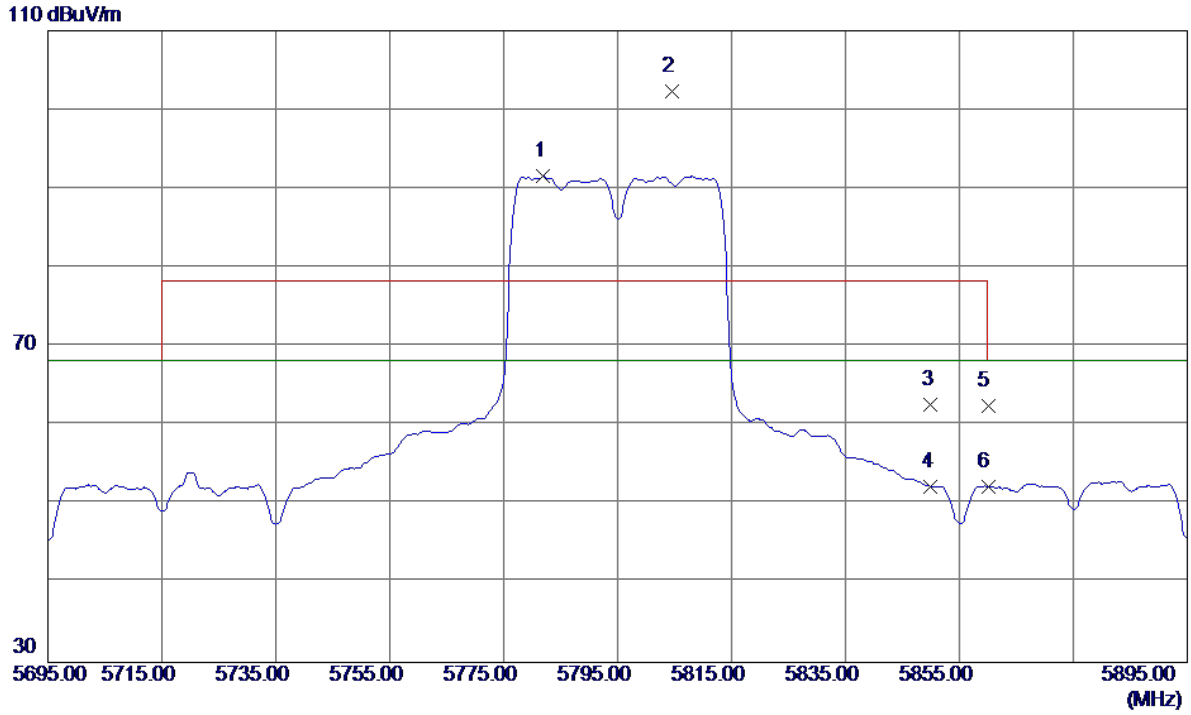
Horizontal



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

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

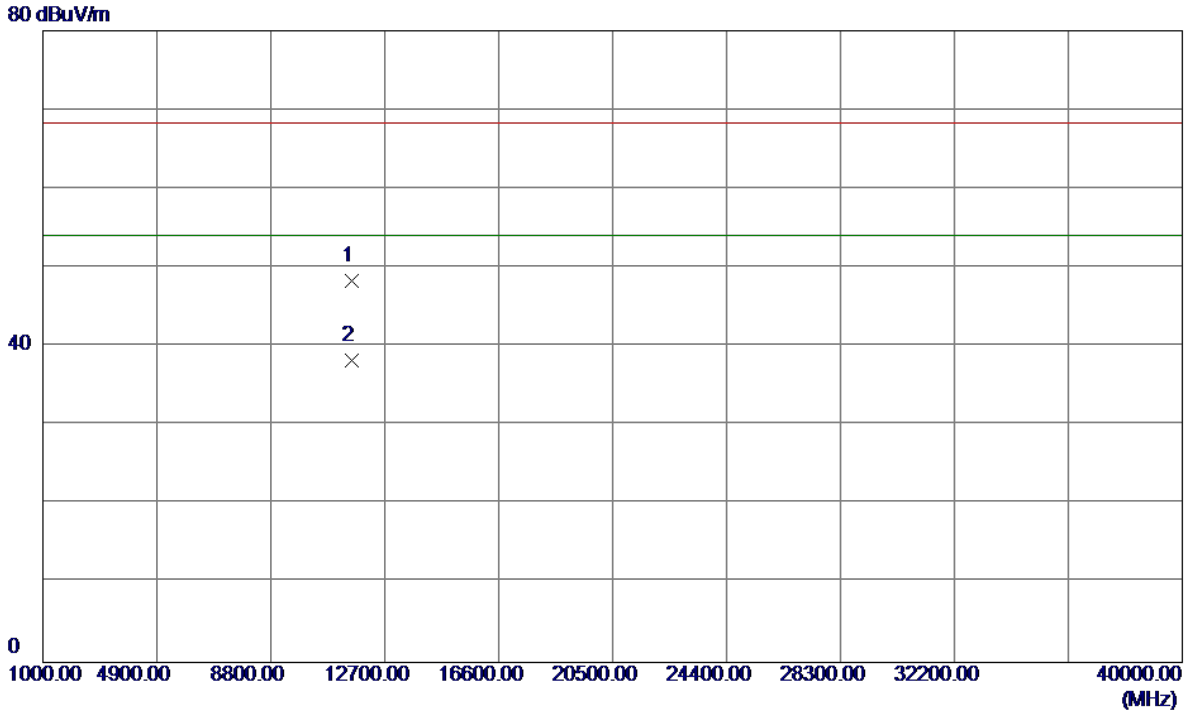
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5782.0000	50.73	40.88	91.61	68.30	23.31	AVG	No Limit
2	5804.6000	61.35	41.00	102.35	78.30	24.05	Peak	No Limit
3	5850.0000	21.48	41.23	62.71	78.30	-15.59	Peak	
4	5850.0000	10.95	41.23	52.18	68.30	-16.12	AVG	
5	5860.0000	21.20	41.28	62.48	78.30	-15.82	Peak	
6	5860.0000	10.90	41.28	52.18	68.30	-16.12	AVG	

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

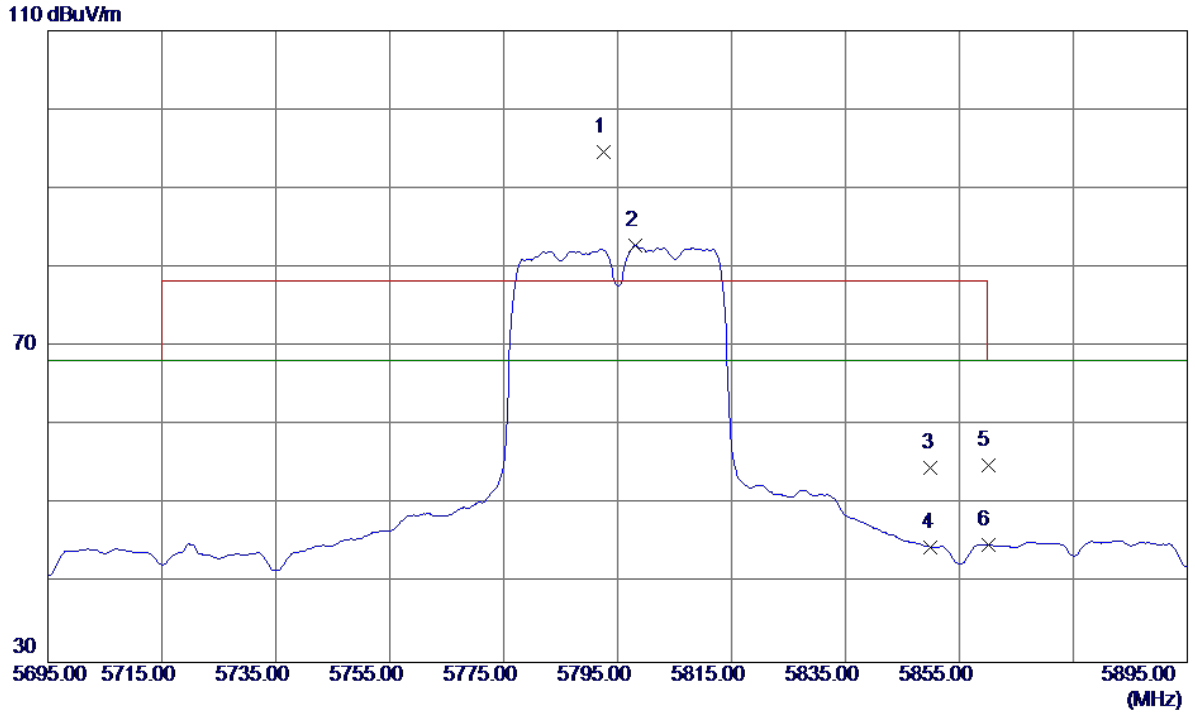
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.5199	31.25	17.08	48.33	68.30	-19.97	Peak	
2	11590.5199	21.16	17.08	38.24	54.00	-15.76	AVG	

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

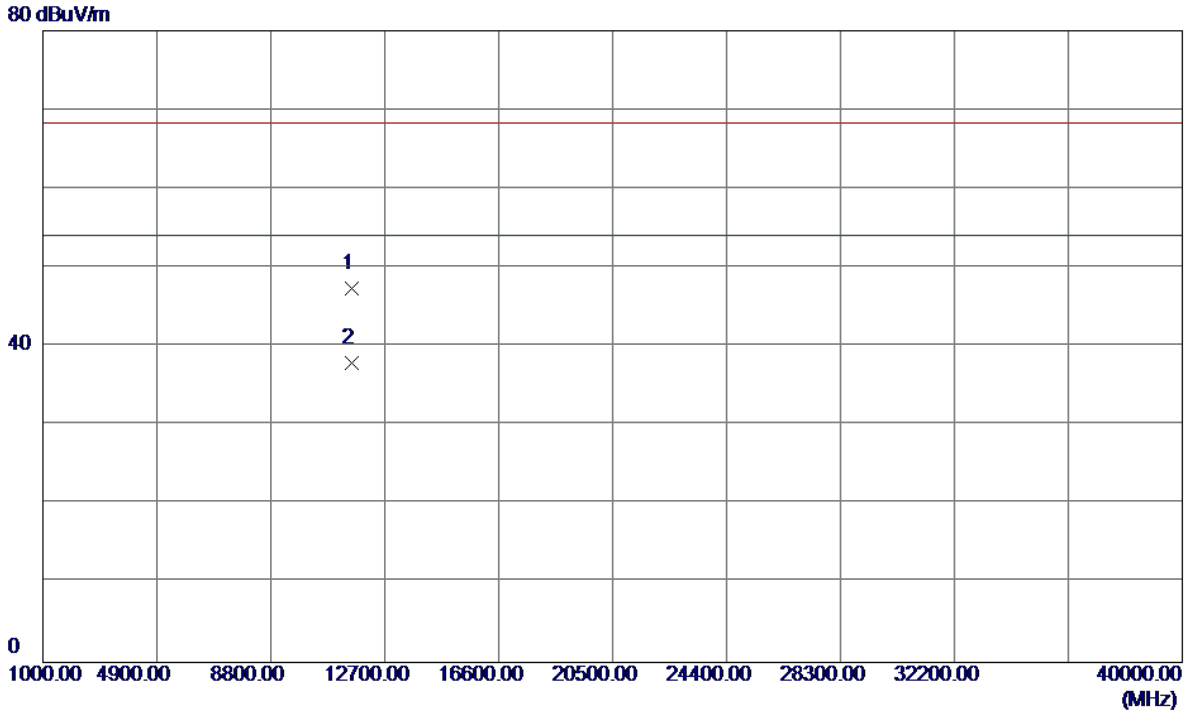
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5792.6000	53.73	40.94	94.67	78.30	16.37	Peak	No Limit
2	5798.2000	41.84	40.97	82.81	68.30	14.51	AVG	No Limit
3	5850.0000	13.40	41.23	54.63	78.30	-23.67	Peak	
4	5850.0000	3.33	41.23	44.56	68.30	-23.74	AVG	
5	5860.0000	13.63	41.28	54.91	78.30	-23.39	Peak	
6	5860.0000	3.54	41.28	44.82	68.30	-23.48	AVG	

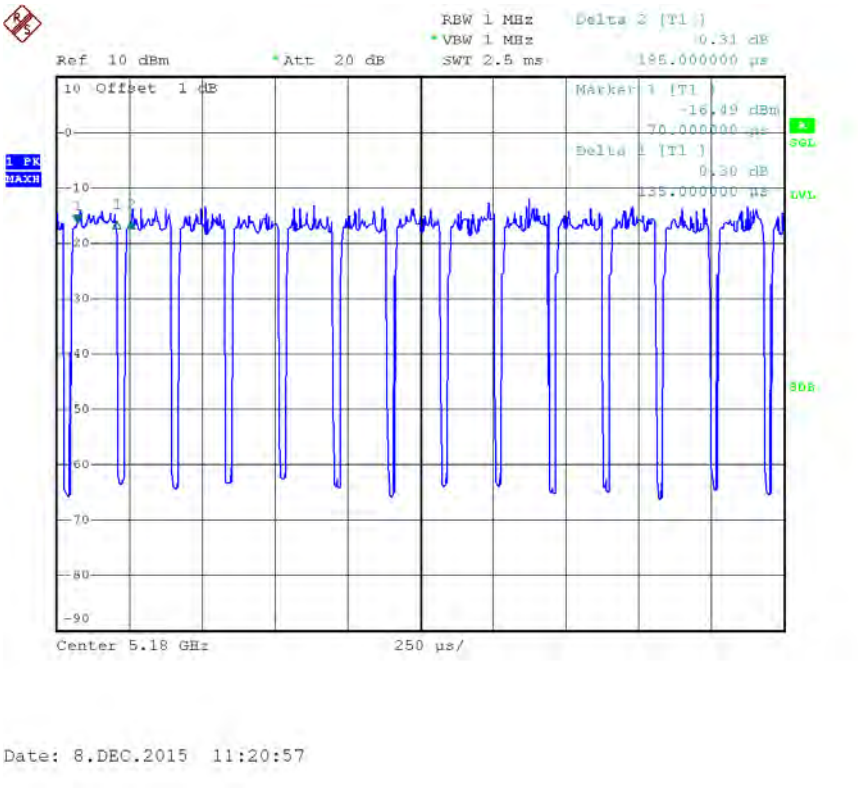
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Horizontal



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

TX A Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 0.14 msec

T_{Total}: 0.18 msec

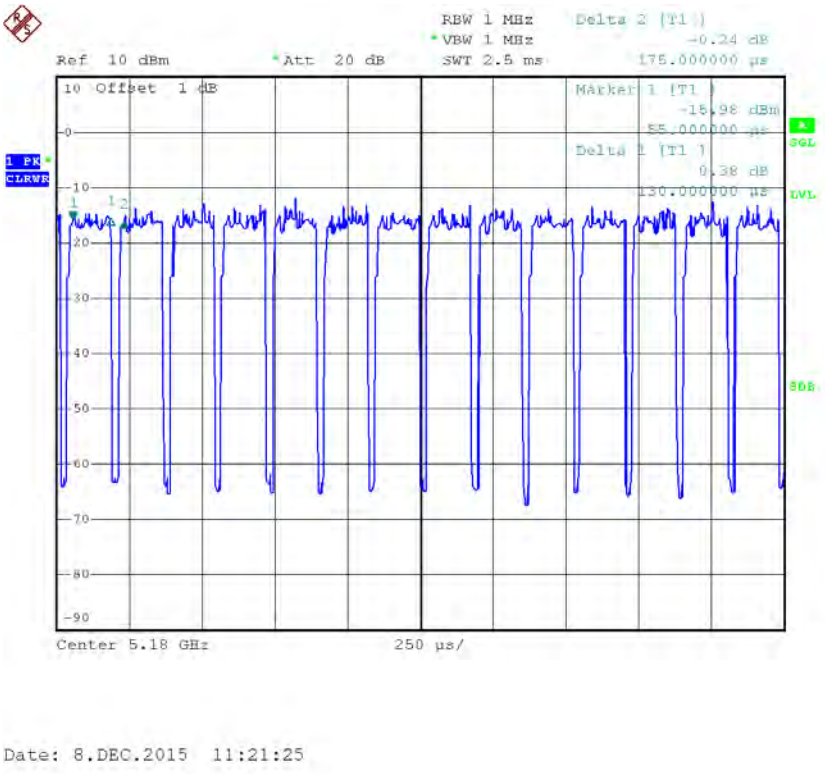
Duty cycle: 77.78%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.09

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 0.13 msec

T_{Total}: 0.18 msec

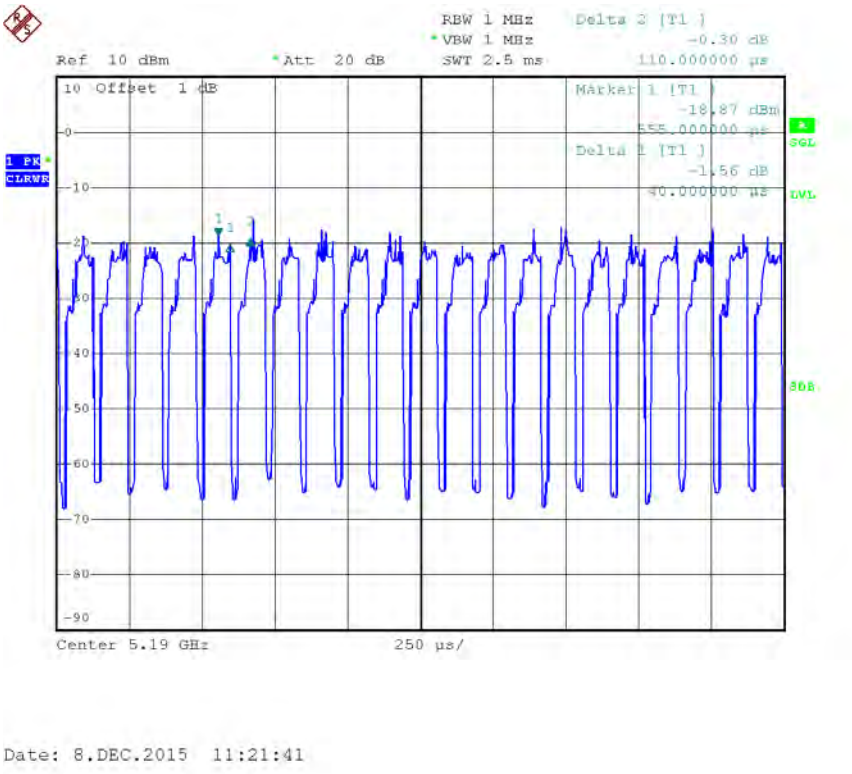
Duty cycle: 72.22%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.41

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

T_{ON}: 0.04 msec

T_{Total}: 0.11 msec

Duty cycle: 36.36%

Duty Factor = 10 log(1/Duty cycle)

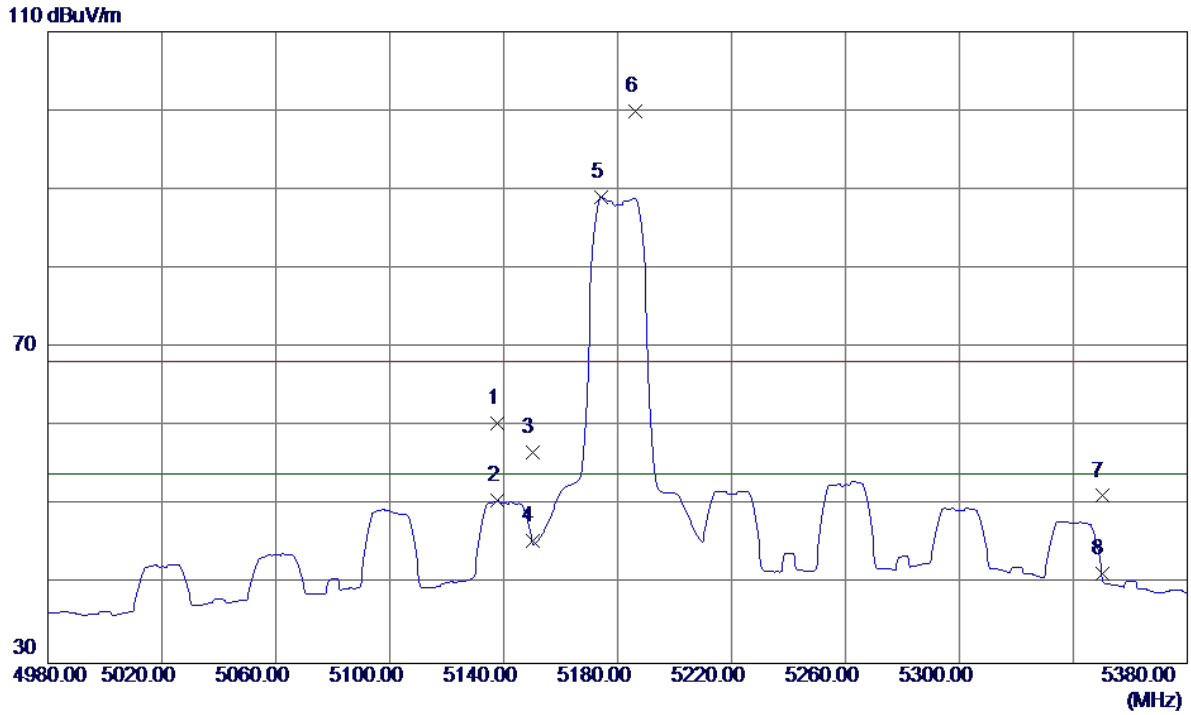
Duty Factor = 4.39

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as
Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

For ANT 2

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

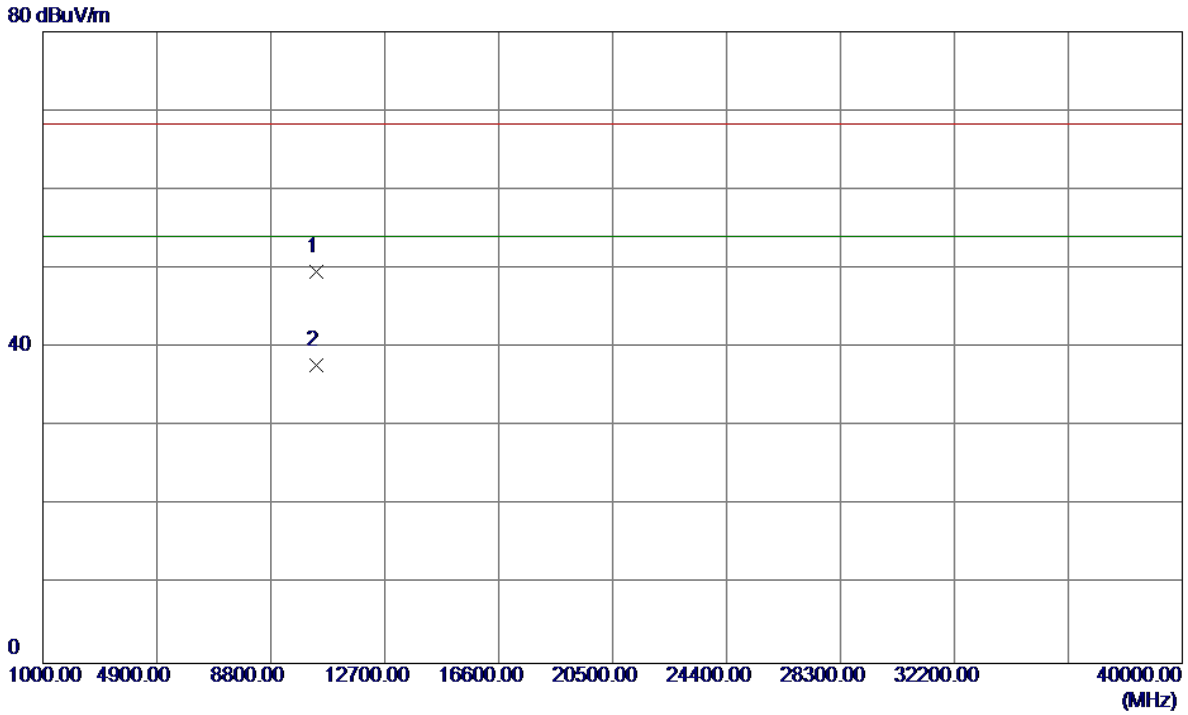
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5137.6000	22.53	37.84	60.37	68.30	-7.93	Peak	
2	5137.6000	12.75	37.84	50.59	54.00	-3.41	AVG	
3	5150.0000	18.76	37.89	56.65	68.30	-11.65	Peak	
4	5150.0000	7.64	37.89	45.53	54.00	-8.47	AVG	
5	5174.4000	50.99	38.00	88.99	54.00	34.99	AVG	No Limit
6	5186.4000	61.86	38.05	99.91	68.30	31.61	Peak	No Limit
7	5350.0000	12.42	38.78	51.20	68.30	-17.10	Peak	
8	5350.0000	2.65	38.78	41.43	54.00	-12.57	AVG	

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

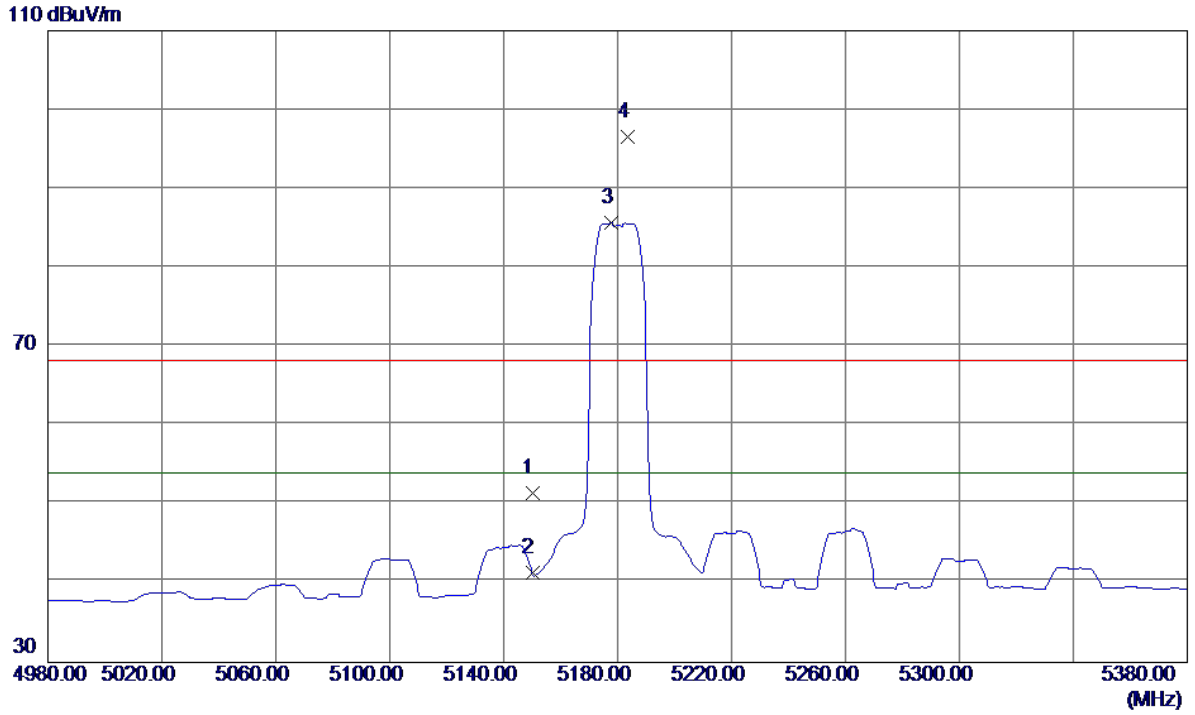
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.5000	35.23	14.32	49.55	68.30	-18.75	Peak	
2	10360.4000	23.48	14.33	37.81	54.00	-16.19	AVG	

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

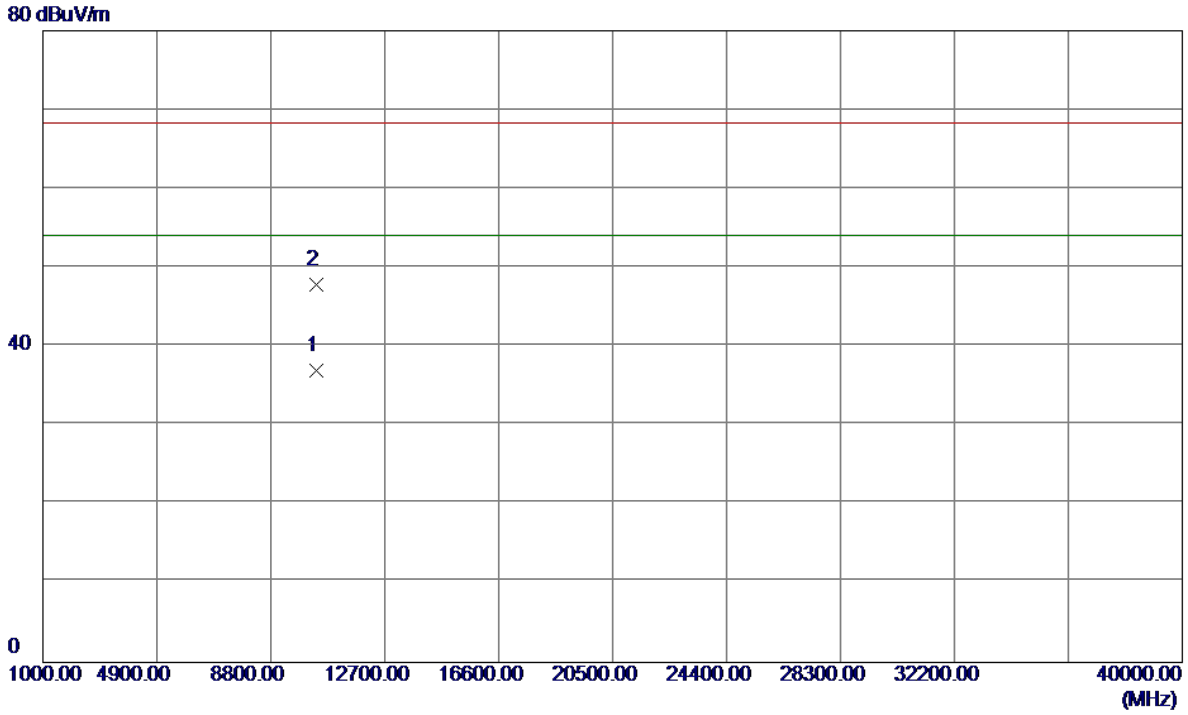
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.52	37.89	51.41	68.30	-16.89	Peak	
2	5150.0000	3.46	37.89	41.35	54.00	-12.65	AVG	
3	5177.6000	47.65	38.01	85.66	54.00	31.66	AVG	No Limit
4	5183.6000	58.52	38.04	96.56	68.30	28.26	Peak	No Limit

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

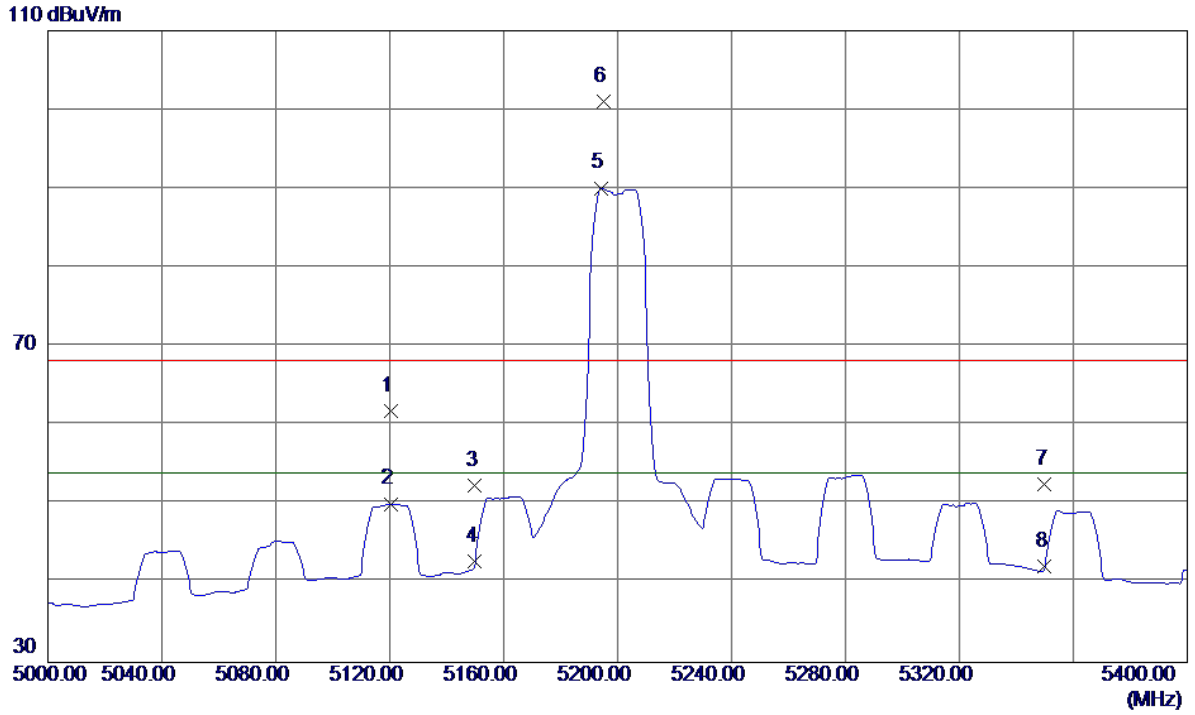
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.5000	22.62	14.32	36.94	54.00	-17.06	AVG	
2	10358.6000	33.49	14.32	47.81	68.30	-20.49	Peak	

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

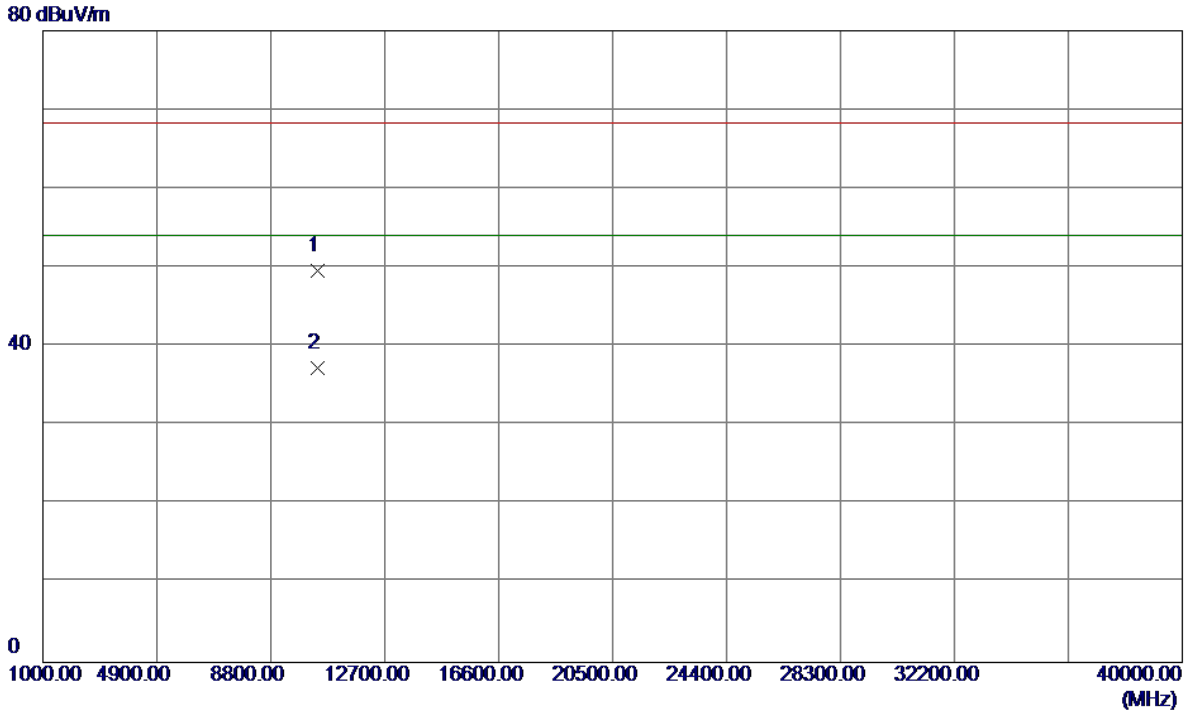
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5120.4000	24.08	37.76	61.84	68.30	-6.46	Peak	
2	5120.4000	12.32	37.76	50.08	54.00	-3.92	AVG	
3	5150.0000	14.54	37.89	52.43	68.30	-15.87	Peak	
4	5150.0000	4.84	37.89	42.73	54.00	-11.27	AVG	
5	5194.4000	51.99	38.09	90.08	54.00	36.08	AVG	No Limit
6	5195.2000	62.88	38.09	100.97	68.30	32.67	Peak	No Limit
7	5350.0000	13.85	38.78	52.63	68.30	-15.67	Peak	
8	5350.0000	3.37	38.78	42.15	54.00	-11.85	AVG	

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

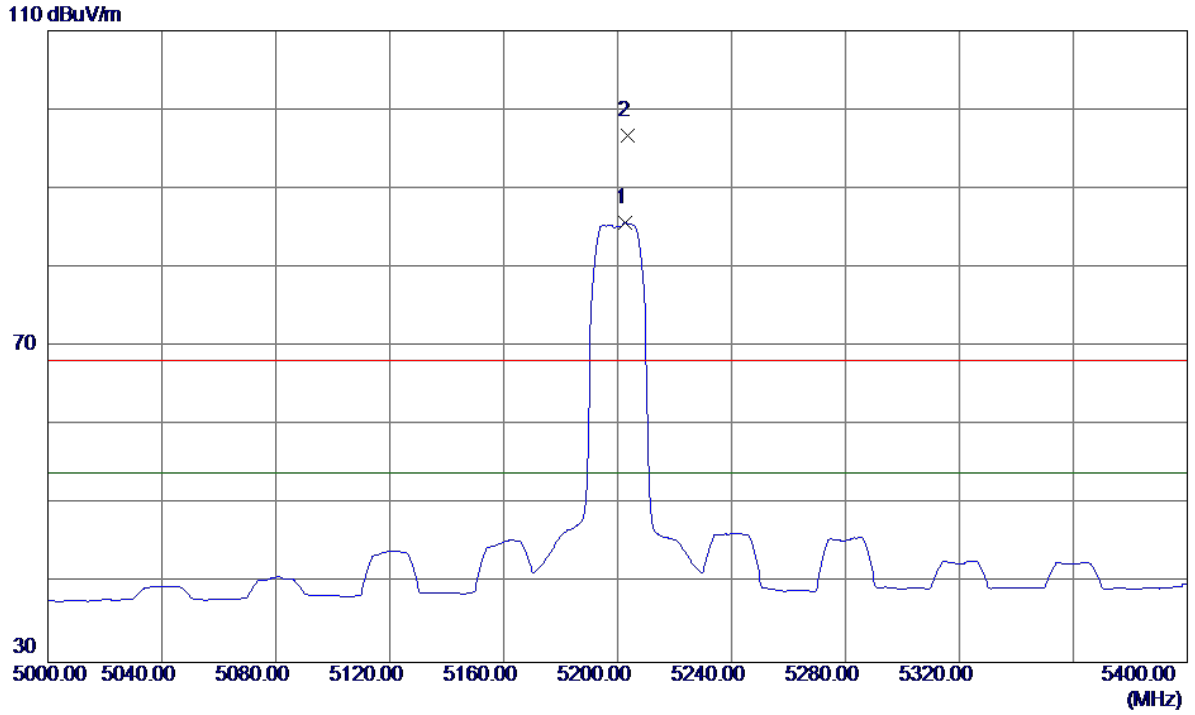
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.1200	35.27	14.40	49.67	68.30	-18.63	Peak	
2	10400.3000	22.95	14.40	37.35	54.00	-16.65	AVG	

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

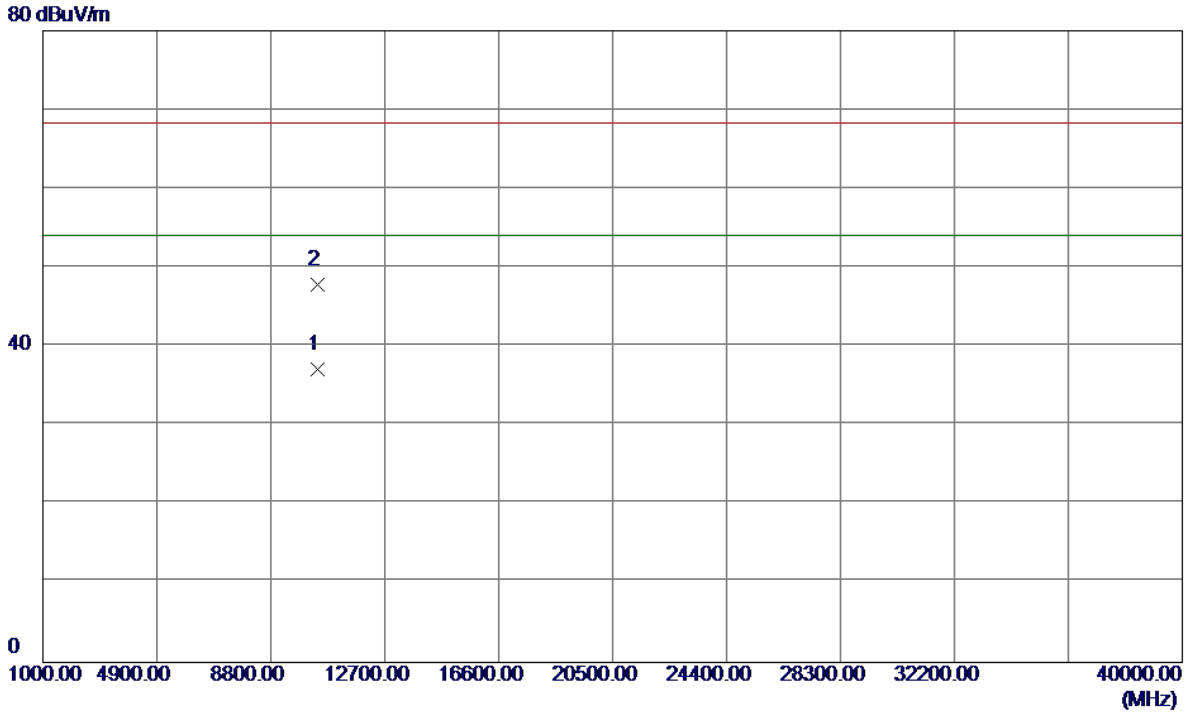
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5202.8000	47.54	38.13	85.67	54.00	31.67	AVG	No Limit
2	5203.6000	58.60	38.13	96.73	68.30	28.43	Peak	No Limit

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

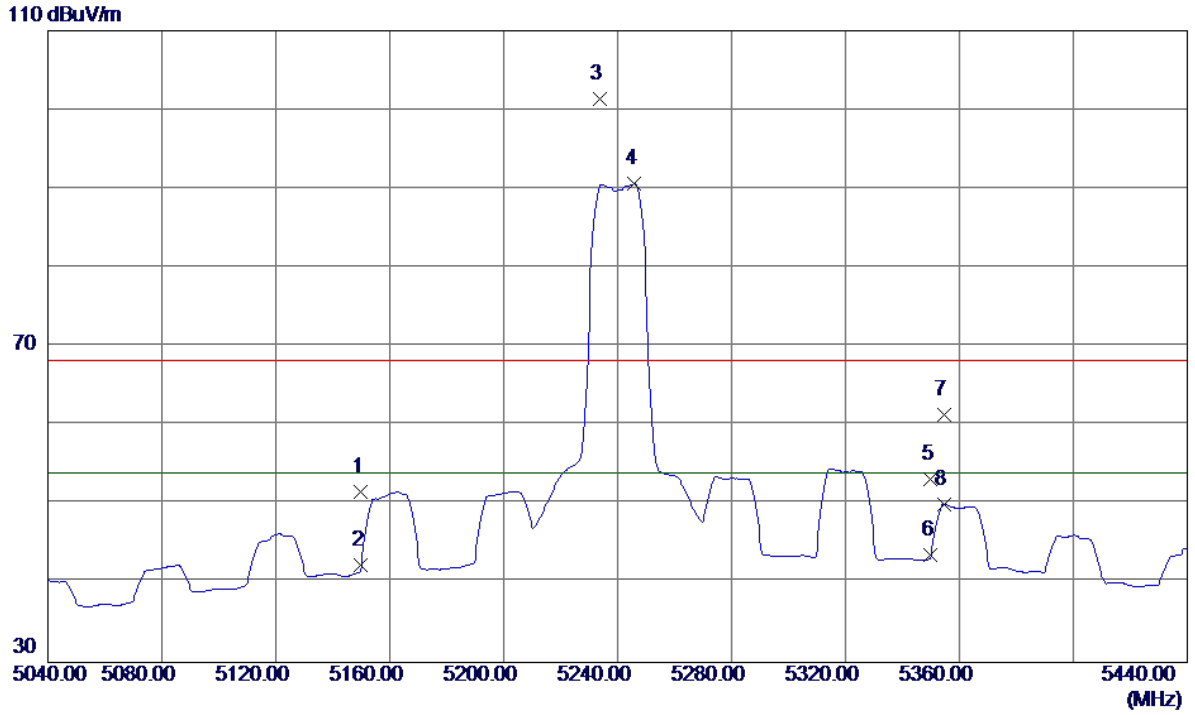
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.8500	22.68	14.40	37.08	54.00	-16.92	AVG	
2	10400.1200	33.51	14.40	47.91	68.30	-20.39	Peak	

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

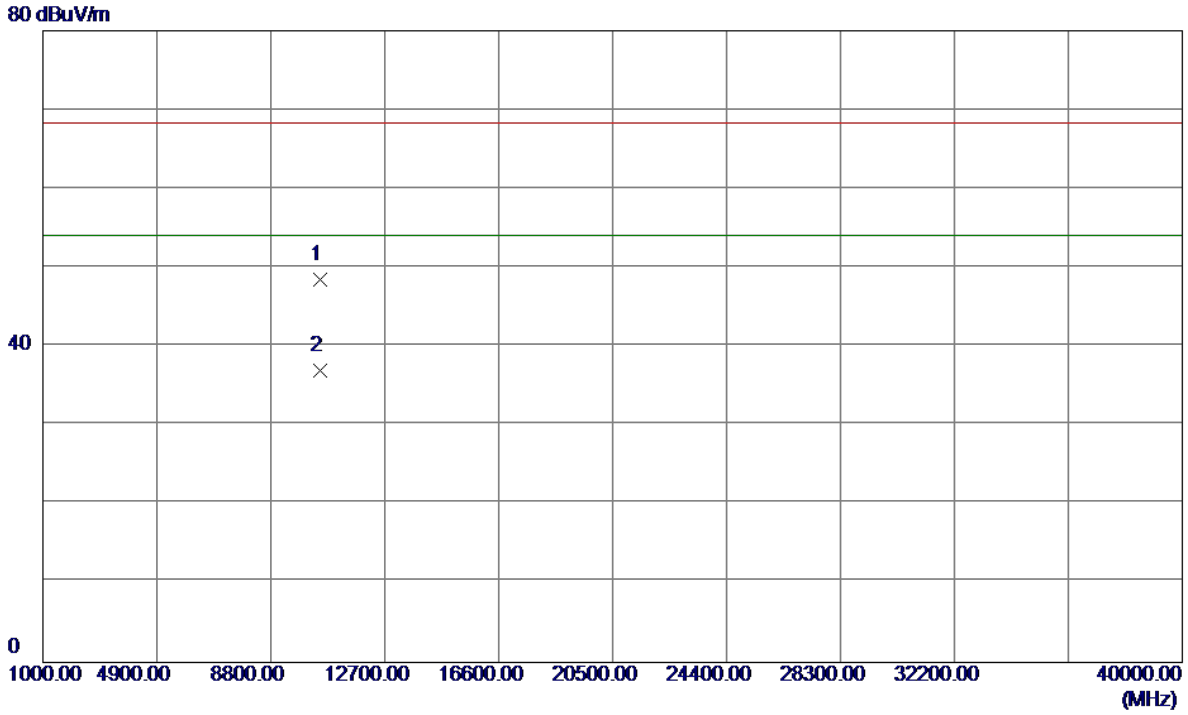
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.69	37.89	51.58	68.30	-16.72	Peak	
2	5150.0000	4.43	37.89	42.32	54.00	-11.68	AVG	
3	5233.6000	63.05	38.26	101.31	68.30	33.01	Peak	No Limit
4	5246.0000	52.29	38.32	90.61	54.00	36.61	AVG	No Limit
5	5350.0000	14.42	38.78	53.20	68.30	-15.10	Peak	
6	5350.0000	4.87	38.78	43.65	54.00	-10.35	AVG	
7	5354.8000	22.63	38.80	61.43	68.30	-6.87	Peak	
8	5354.8000	11.23	38.80	50.03	54.00	-3.97	AVG	

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

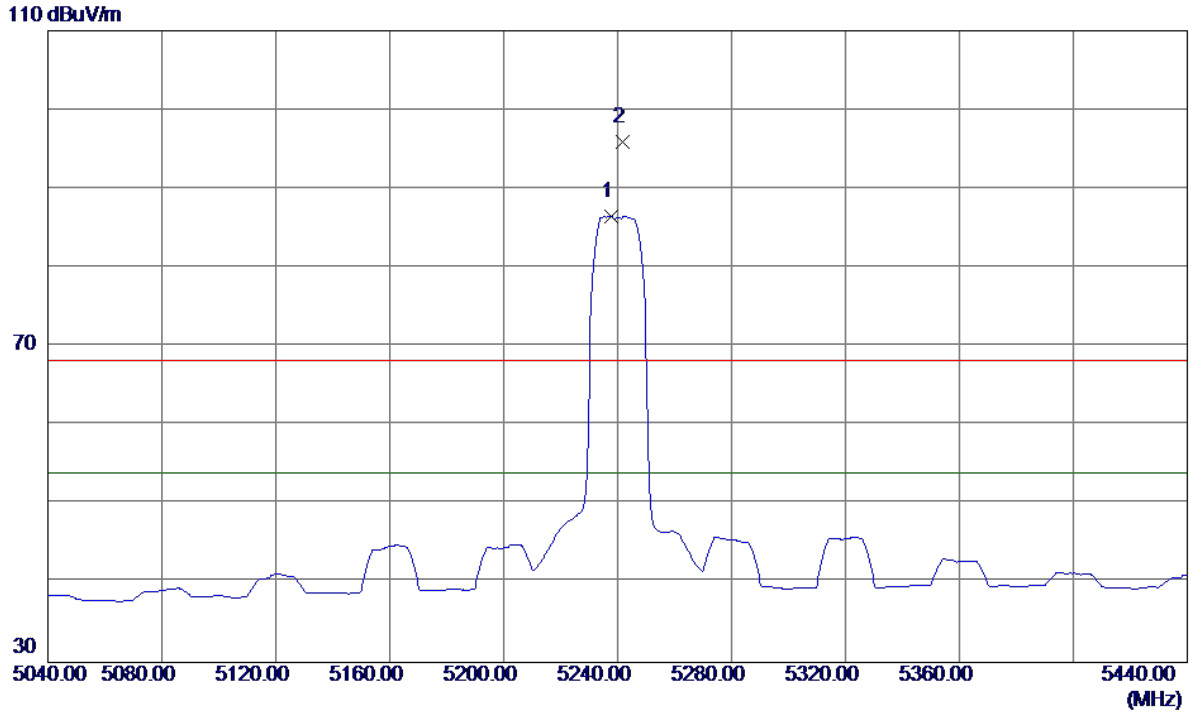
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.6800	33.89	14.56	48.45	68.30	-19.85	Peak	
2	10480.1300	22.42	14.56	36.98	54.00	-17.02	AVG	

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

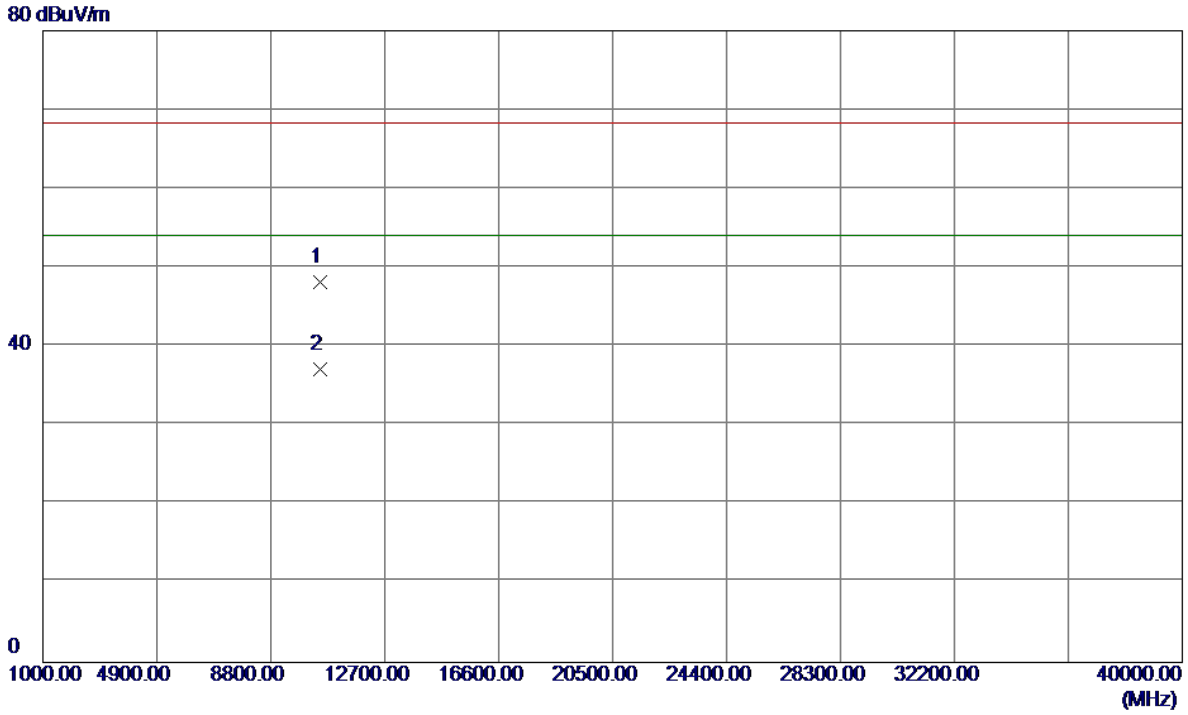
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5237.6000	48.27	38.28	86.55	54.00	32.55	AVG	No Limit
2	5241.6000	57.57	38.30	95.87	68.30	27.57	Peak	No Limit

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

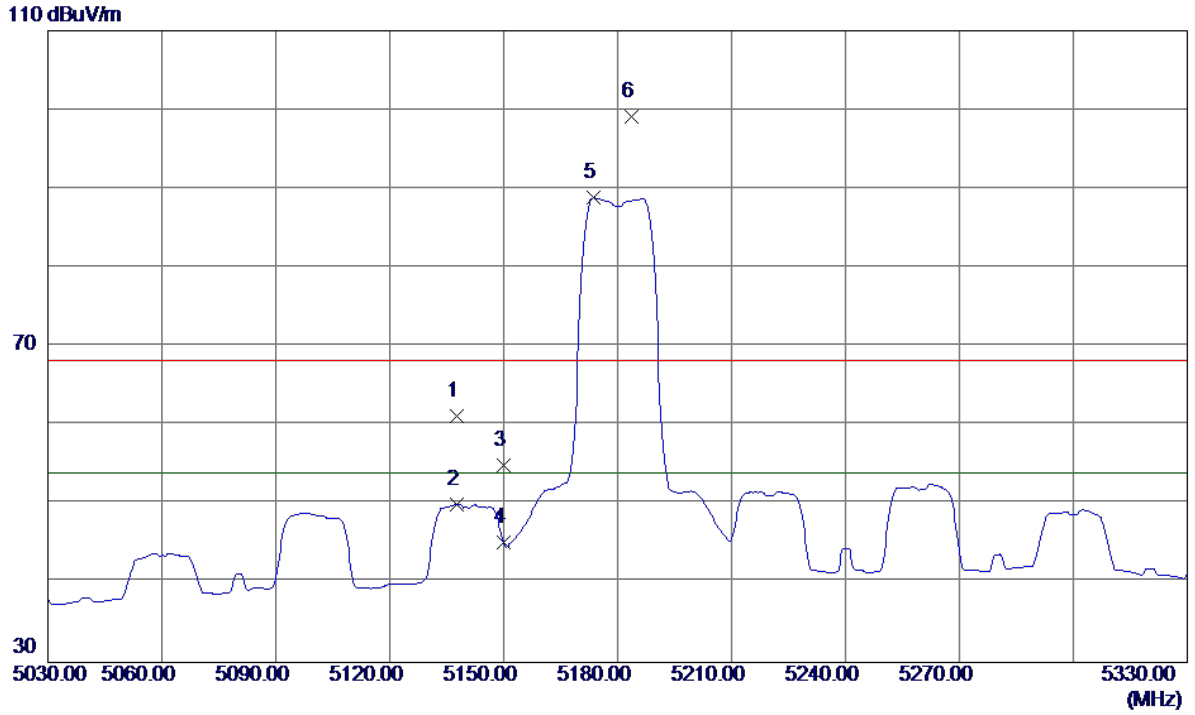
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.8200	33.58	14.56	48.14	68.30	-20.16	Peak	
2	10480.1700	22.63	14.56	37.19	54.00	-16.81	AVG	

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

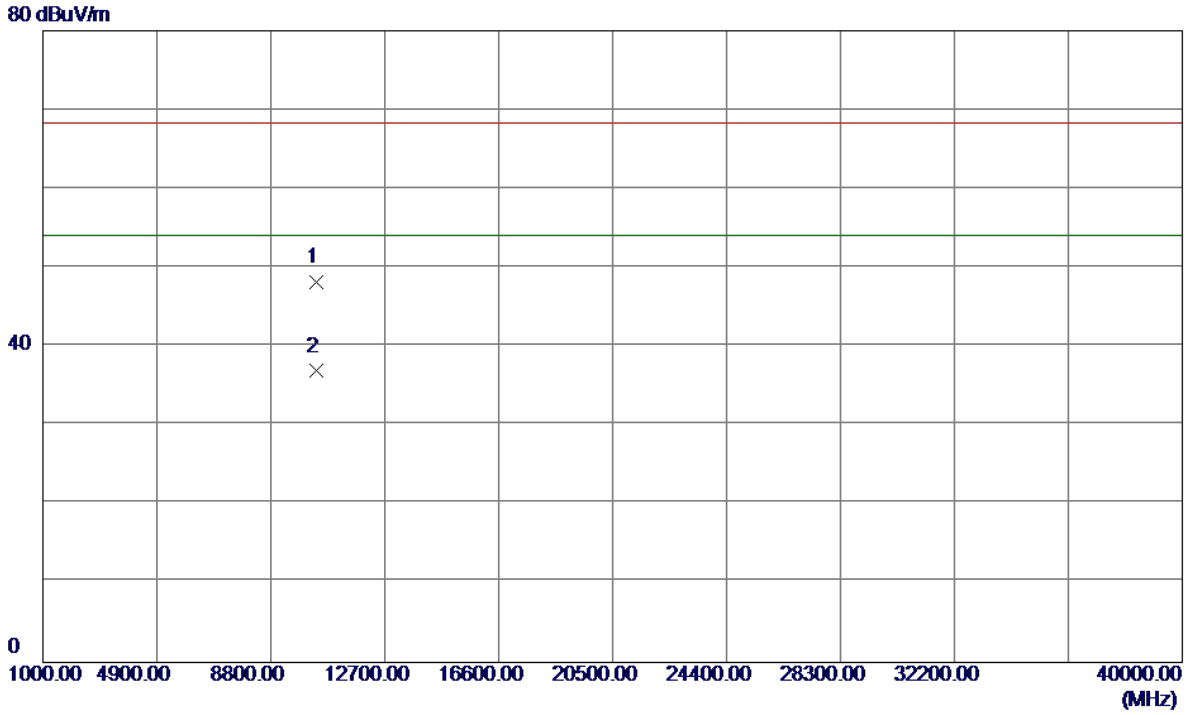
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5137.7000	23.40	37.84	61.24	68.30	-7.06	Peak	
2	5137.7000	12.23	37.84	50.07	54.00	-3.93	AVG	
3	5150.0000	17.14	37.89	55.03	68.30	-13.27	Peak	
4	5150.0000	7.36	37.89	45.25	54.00	-8.75	AVG	
5	5173.7000	50.83	38.00	88.83	54.00	34.83	AVG	No Limit
6	5183.6000	61.04	38.04	99.08	68.30	30.78	Peak	No Limit

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

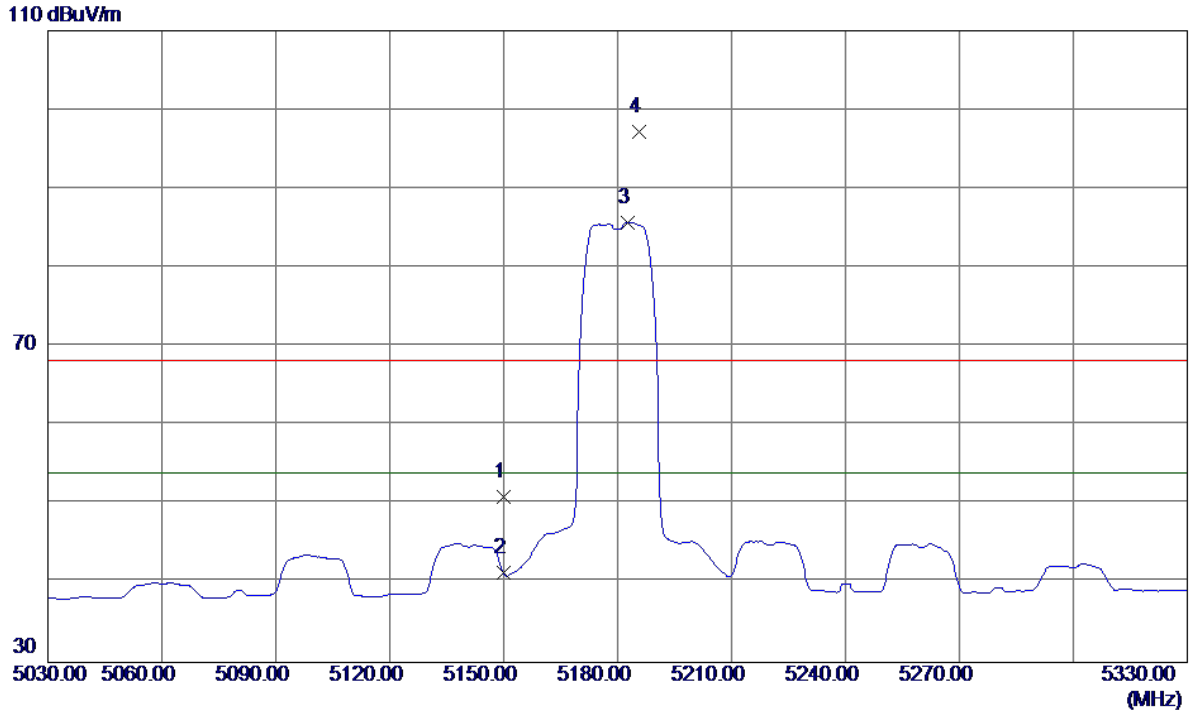
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.2500	33.85	14.33	48.18	68.30	-20.12	Peak	
2	10360.3800	22.55	14.33	36.88	54.00	-17.12	AVG	

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

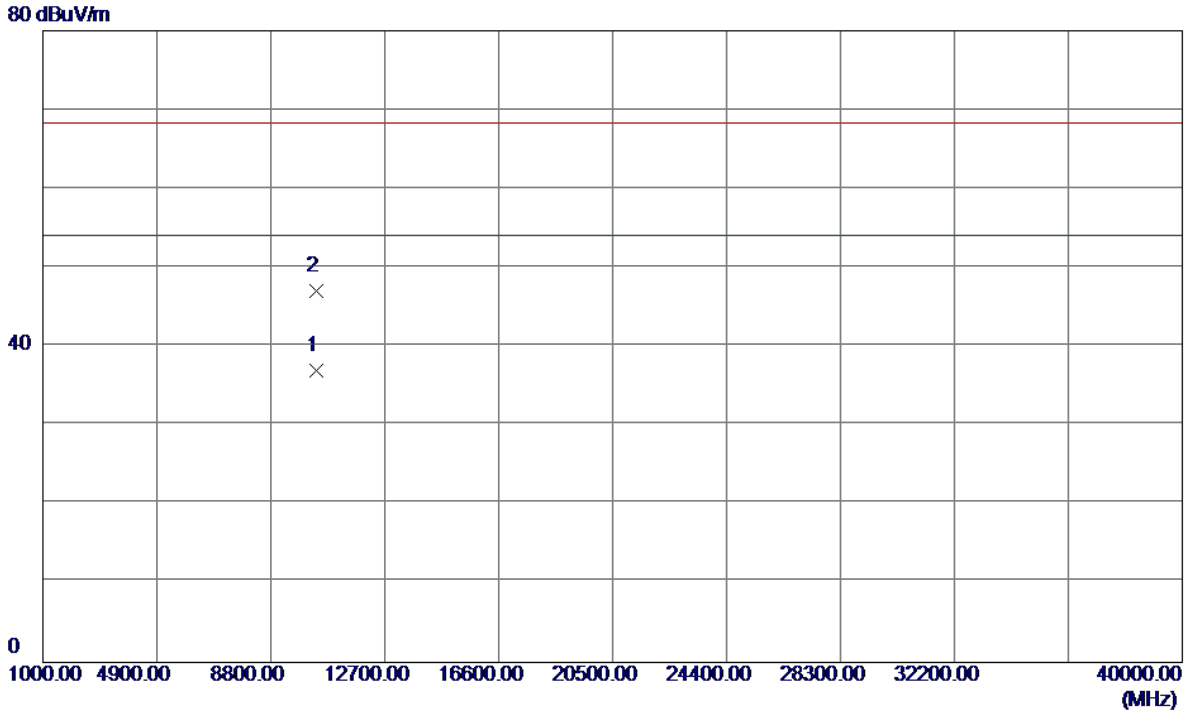
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.07	37.89	50.96	68.30	-17.34	Peak	
2	5150.0000	3.44	37.89	41.33	54.00	-12.67	AVG	
3	5182.7000	47.66	38.04	85.70	54.00	31.70	AVG	No Limit
4	5185.7000	59.20	38.05	97.25	68.30	28.95	Peak	No Limit

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

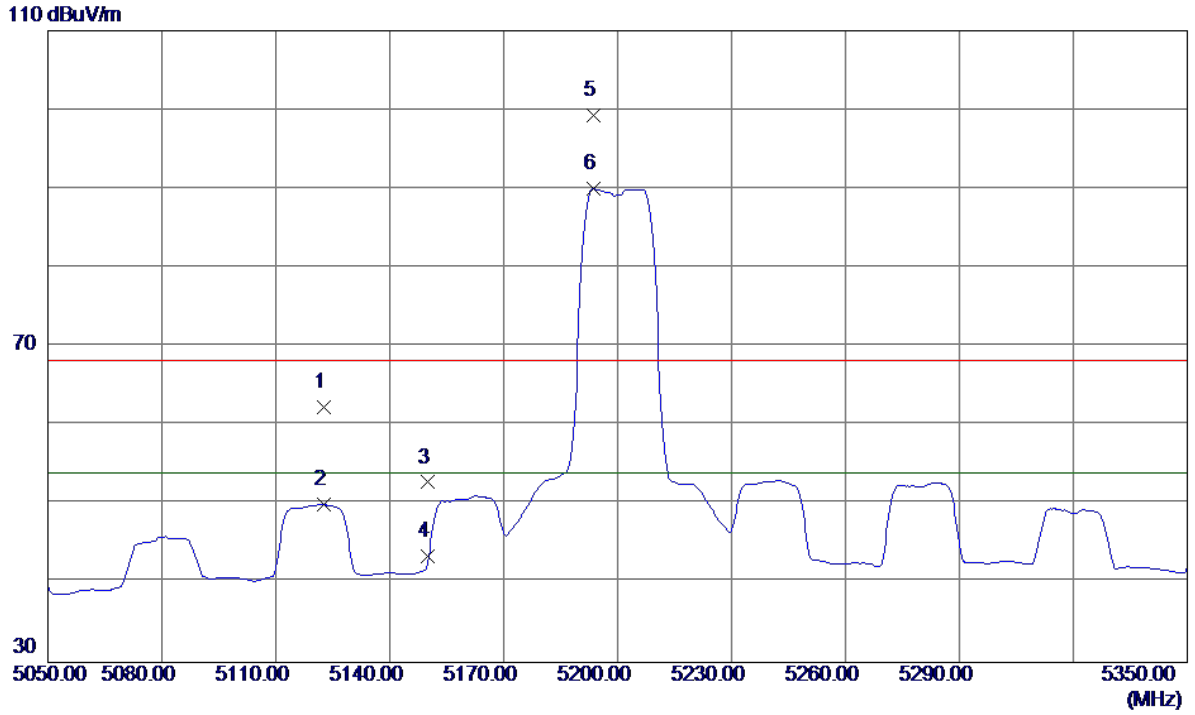
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.6000	22.61	14.33	36.94	54.00	-17.06	AVG	
2	10360.6000	32.72	14.33	47.05	68.30	-21.25	Peak	

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

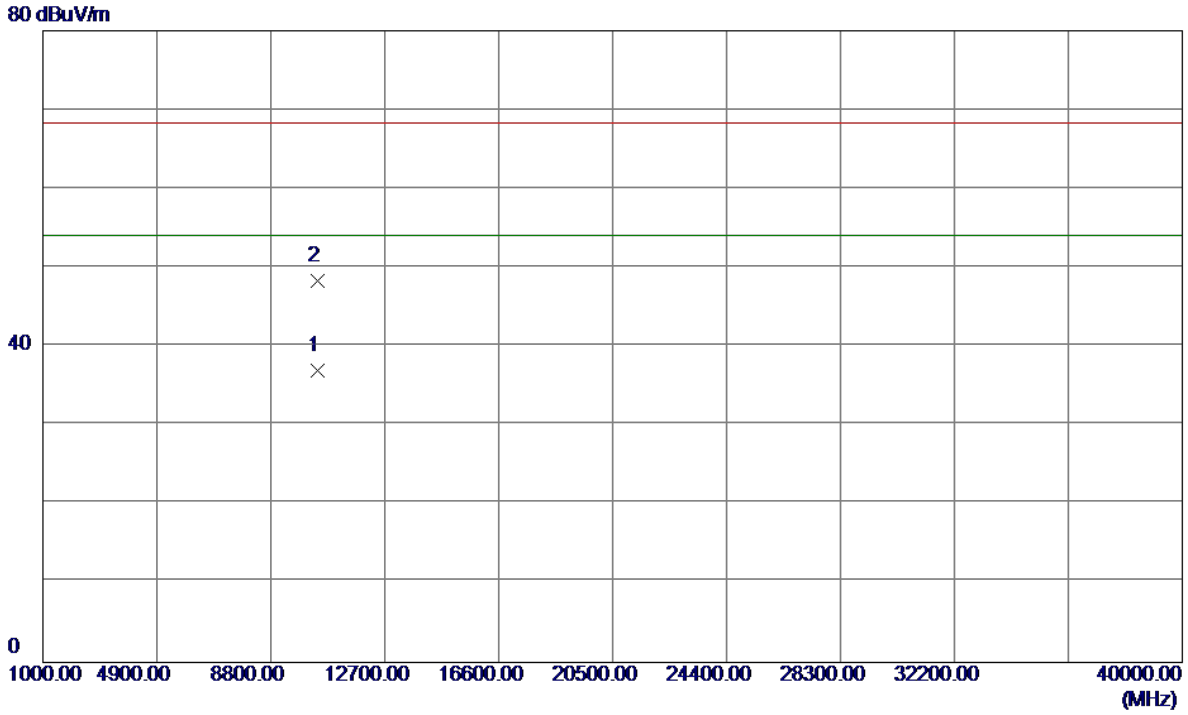
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5122.6000	24.56	37.77	62.33	68.30	-5.97	Peak	
2	5122.6000	12.26	37.77	50.03	54.00	-3.97	AVG	
3	5150.0000	14.91	37.89	52.80	68.30	-15.50	Peak	
4	5150.0000	5.58	37.89	43.47	54.00	-10.53	AVG	
5	5193.7000	61.21	38.09	99.30	68.30	31.00	Peak	No Limit
6	5193.7000	51.92	38.09	90.01	54.00	36.01	AVG	No Limit

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

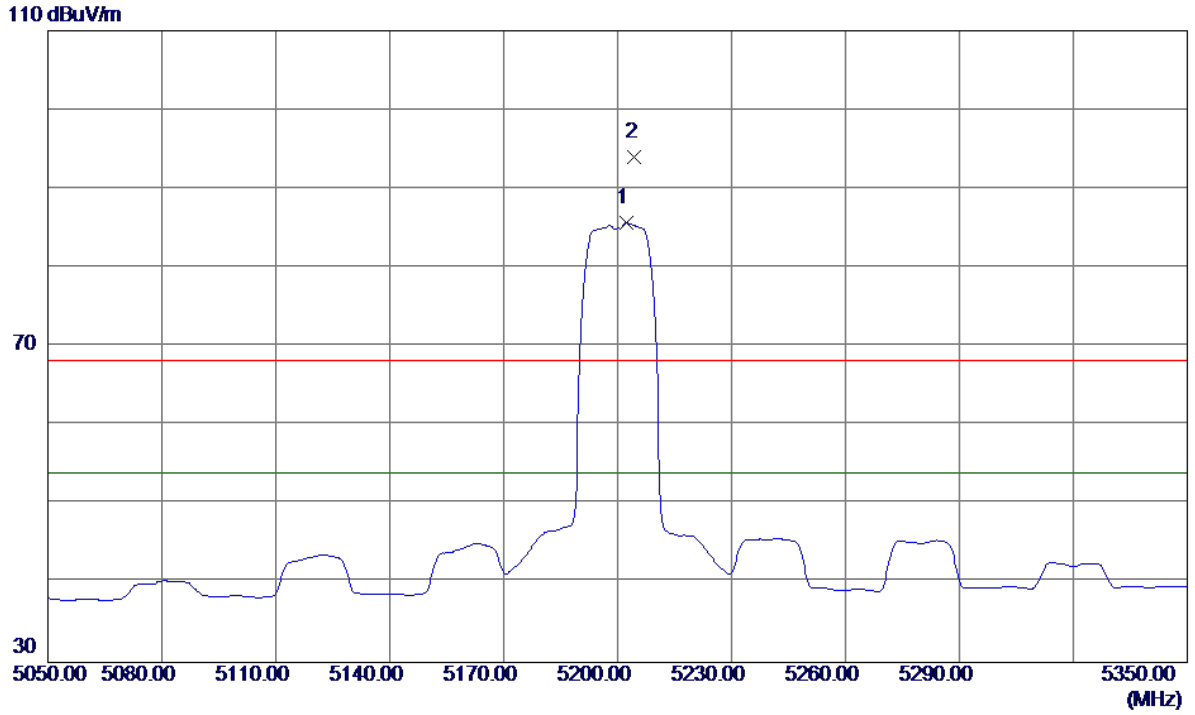
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.7600	22.63	14.40	37.03	54.00	-16.97	AVG	
2	10400.1300	33.92	14.40	48.32	68.30	-19.98	Peak	

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

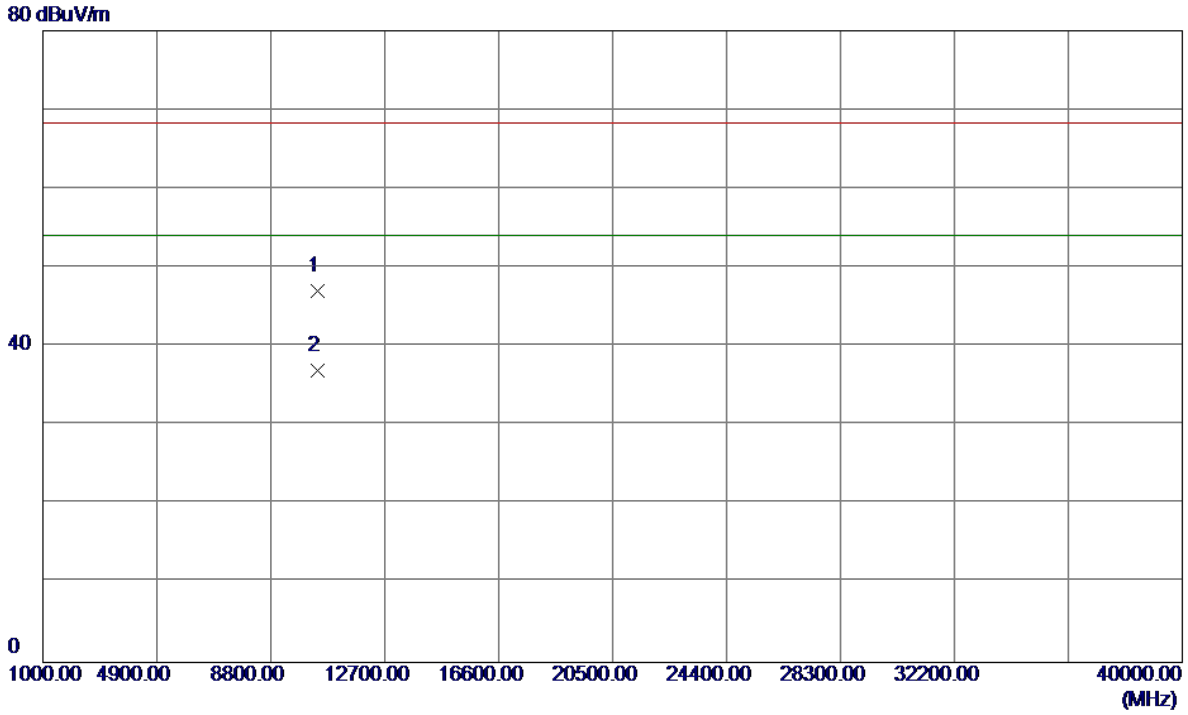
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5202.4000	47.52	38.12	85.64	54.00	31.64	AVG	No Limit
2	5204.5000	55.82	38.13	93.95	68.30	25.65	Peak	No Limit

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.2000	32.65	14.40	47.05	68.30	-21.25	Peak	
2	10400.4800	22.54	14.40	36.94	54.00	-17.06	AVG	