FCCRadio Test Report

FCC ID:V7TMESH3

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

Project No.	:	1707C145
Equipment	:	Whole Home Mesh WiFi System
Model Name	:	Mesh3, MW6
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Date of Receipt	:	Jul. 18, 2017
Date of Test	:	Jul. 18, 2017 ~ Aug.02, 2017
Issued Date	:	Aug.03, 2017
Tested by	:	BTL Inc.

Testing Engineer : Shawn xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

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Declaration

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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-1-1707C145	Original Issue.	Aug.03, 2017

1. CERTIFICATION

Equipment	:	Whole Home Mesh WiFi System
Brand Name	:	Tenda
Model Name	:	Mesh3, MW6
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Manufacturer	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Test	:	Jul. 18, 2017 ~ Aug.02, 2017
Test Sample	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1707C145) 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(15.407)			
Standard(s) Section	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 estimatedfor 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 astandard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz~30MHz	1.94

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Whole Home Mesh WiFi System	
Brand Name	Tenda	
Model Name	Mesh3, MW6	
Mode Different	With two or more Mesh3 in a gift box.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300Mbps
	Output Power (Max.)for UNII-1 - Non-Beamforming	802.11a:27.34dBm 802.11n (20M): 24.01dBm 802.11n (40M): 29.38dBm 802.11ac (20M): 25.43dBm 802.11ac (40M): 28.11dBm 802.11ac (80M): 20.65dBm
	Output Power (Max.)for UNII-3- Non-Beamforming	802.11a:29.45dBm 802.11n (20M): 29.33dBm 802.11n (40M): 29.35dBm 802.11ac (20M): 29.42dBm 802.11ac (40M): 28.56dBm 802.11ac (80M): 22.84dBm
	Output Power (Max.)for UNII-1 - Beamforming	802.11n (20M): 23.98dBm 802.11n (40M): 29.02dBm 802.11ac (20M): 25.17dBm 802.11ac (40M): 28.40dBm 802.11ac (80M): 20.82dBm
	Output Power (Max.)for UNII-3- Beamforming	802.11n (20M): 29.30dBm 802.11n (40M): 28.93dBm 802.11ac (20M): 29.53dBm 802.11ac (40M): 28.61dBm 802.11ac (80M): 22.77dBm
Power Source	DC voltage supplied from AC/DC adapter. Model:BN067-A18012U	
Power Rating	I/P:100-240V~50/60Hz 0.6A O/P:12V ⎓ 1.5A	

Note:

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

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

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	PCB	N/A	3	N/A
2	N/A	N/A	PCB	N/A	3	N/A

4.

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

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

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

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

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

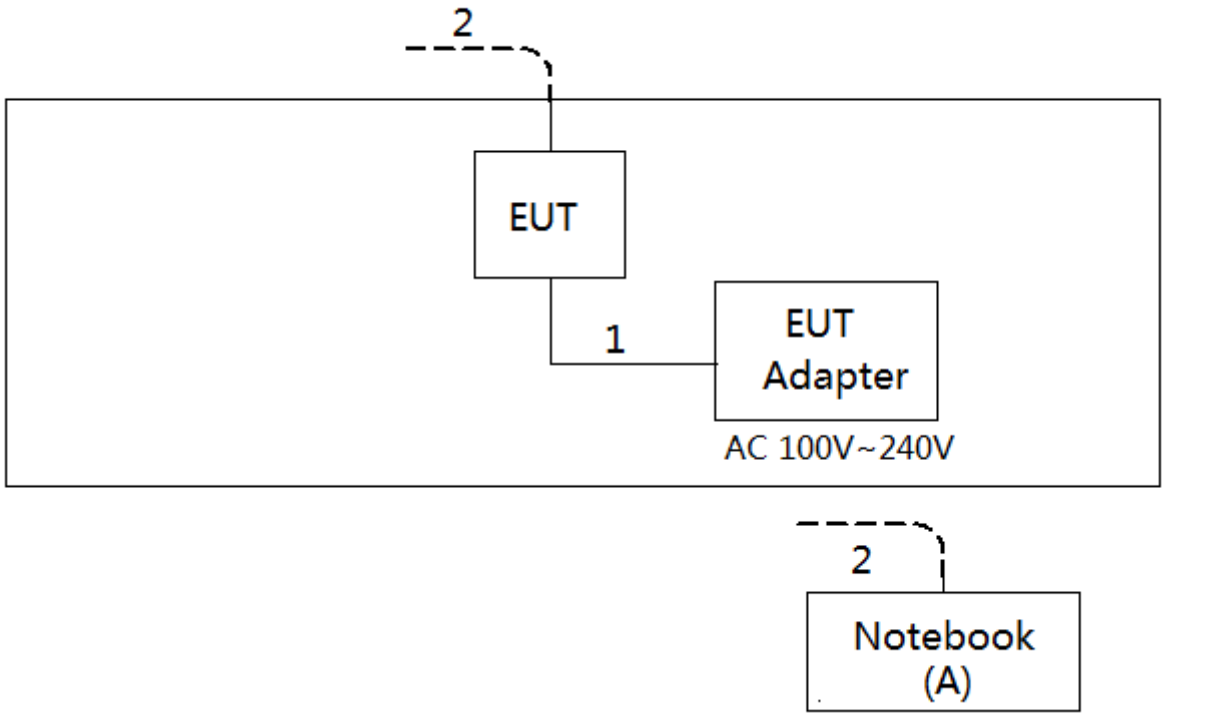
UNII-1- Non-Beamforming			
Test Software Version	MP-v3.4		
Frequency (MHz)	5180	5200	5240
A Mode	39	44	43
N20 Mode	30	30	29
Frequency (MHz)	5190	5230	
N40 Mode	30	40	
Frequency (MHz)	5180	5200	5240
AC20 Mode	32	32	32
Frequency (MHz)	5190	5230	
AC40 Mode	30	40	
Frequency (MHz)	5210		
AC80 Mode	28		

UNII-3- Non-Beamforming			
Test Software Version	MP-v3.4		
Frequency (MHz)	5745	5785	5825
A Mode	50	54	54
N20 Mode	40	40	40
Frequency (MHz)	5755	5795	
N40 Mode	40	40	
Frequency (MHz)	5745	5785	5825
AC20 Mode	40	40	40
Frequency (MHz)	5755	5795	
AC40 Mode	39	39	
Frequency (MHz)	5775		
AC80 Mode	28		

UNII-1- With Beamforming			
Test Software Version	MP-v3.4		
Frequency (MHz)	5180	5200	5240
N20 Mode	30	30	29
Frequency (MHz)	5190	5230	
N40 Mode	30	40	
Frequency (MHz)	5180	5200	5240
AC20 Mode	32	32	32
Frequency (MHz)	5190	5230	
AC40 Mode	30	40	
Frequency (MHz)	5210		
AC80 Mode	28		

UNII-3- With Beamforming			
Test Software Version	MP-v3.4		
Frequency (MHz)	5745	5785	5825
N20 Mode	40	40	40
Frequency (MHz)	5755	5795	
N40 Mode	40	40	
Frequency (MHz)	5745	5785	5825
AC20 Mode	40	40	40
Frequency (MHz)	5755	5795	
AC40 Mode	39	39	
Frequency (MHz)	5775		
AC80 Mode	28		

3.4BLOCKDIAGRAMSHOWINGTHECONFIGURATIONOFSYSTEMTESTED



3.5DESCRIPTION OF SUPPORT UNITS

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

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

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5M	DC Cable
2	NO	NO	10M	RJ-45 Cable

4.EMC EMISSION TEST

4.1CONDUCTED 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 equipmentspowered 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 groundplane 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.

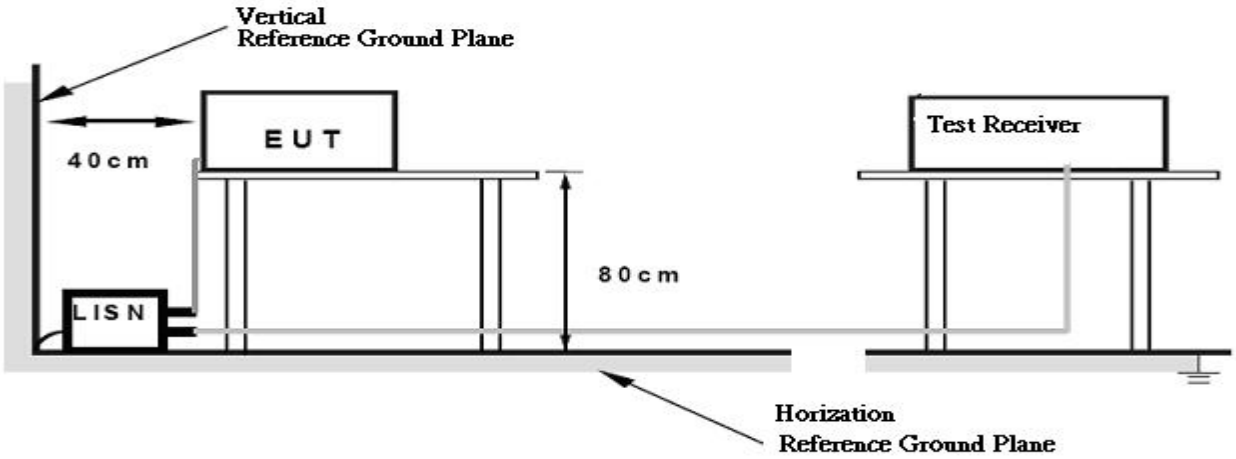
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3DEVIATIONFROMTESTSTANDARD

No deviation

4.1.4 TESTSETUP



4.1.5EUT 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.

4.1.6EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

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

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

4.2.2 TEST PROCEDURE

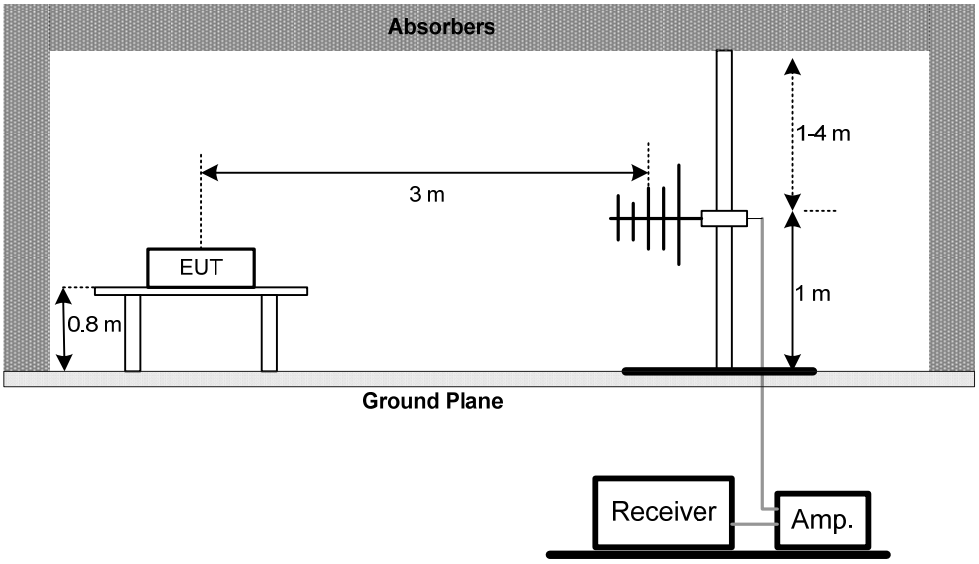
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3DEVIATIONFROMTESTSTANDARD

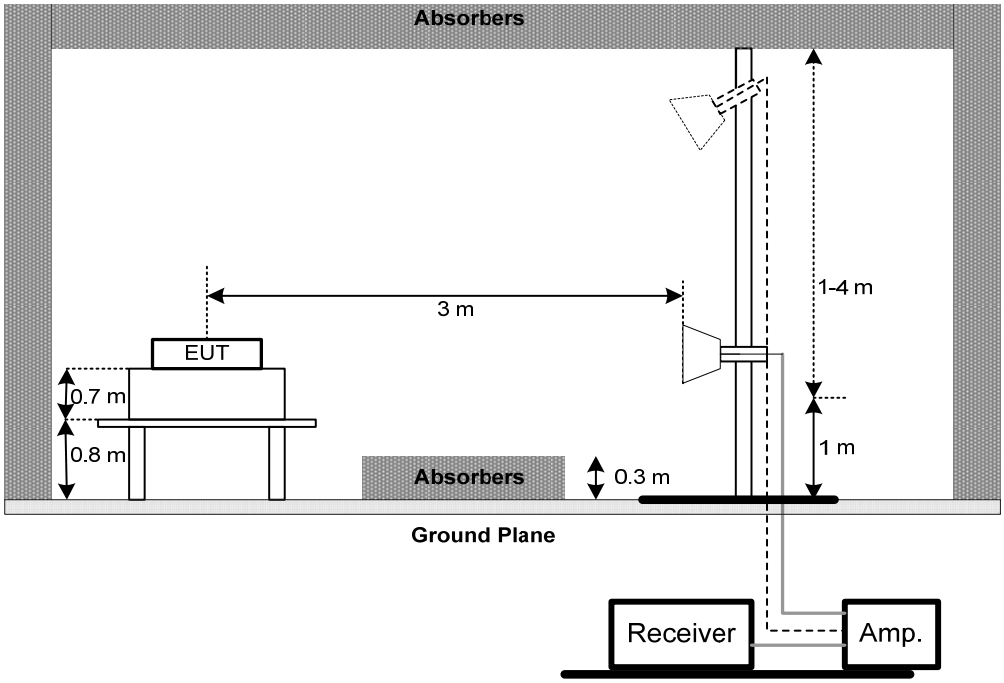
No deviation

4.2.4TESTSETUP

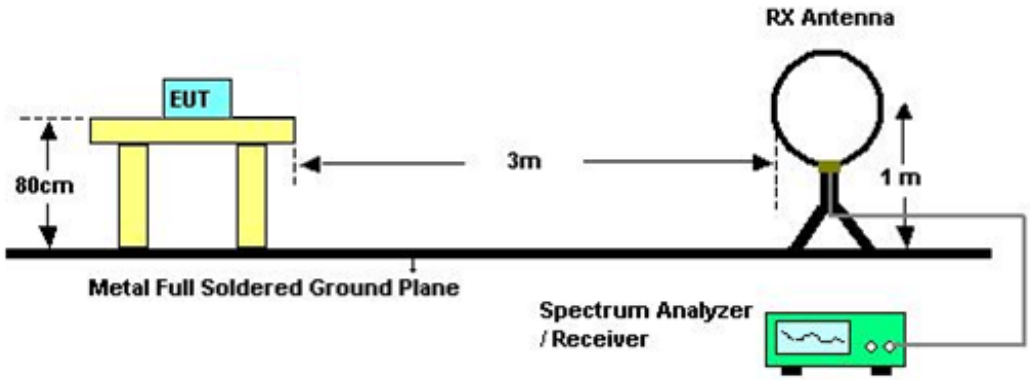
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5EUT 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.

4.2.6EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS(BETWEEN30 TO 1000 MHz)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE1000 MHz)

Please refer to the Attachment D.

Remark:

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

5.SPECTRUM BANDWIDTH

5.1APPLIED 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

5.1.1TEST PROCEDURE

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

b.

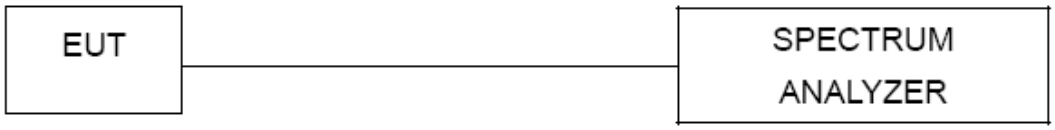
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2DEVIATION FROM STANDARD

No deviation.

5.1.3TEST SETUP



5.1.4EUT 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.

5.1.5EUT TEST CONDITIONS

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

5.1.6TEST RESULTS

Please refer to the Attachment E.

6.MAXIMUM CONDUCTED OUTPUT POWER

6.1APPLIED 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)			

6.1.1TEST 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) ofthe 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.

6.1.2DEVIATION FROM STANDARD

No deviation.

6.1.3TEST SETUP

6.1.4EUT 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.

6.1.5EUT TEST CONDITIONS

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

6.1.6TEST RESULTS

Please refer to the Attachment F.

7.POWER SPECTRAL DENSITY TEST

7.1APPLIED 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) ofthe signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

Note:

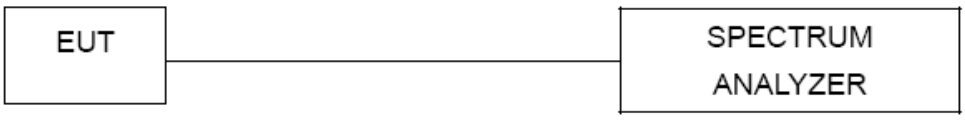
1.For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.

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.

7.1.1DEVIATION FROM STANDARD

No deviation.

7.1.2TEST SETUP



7.1.3EUT 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.

7.1.4EUT TEST CONDITIONS

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

7.1.5TEST RESULTS

Please refer to the Attachment H.

8.FREQUENCY STABILITY MEASUREMENT

8.1APPLIED 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

8.1.1TEST 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 emissionsbandwidth
RBW	10 kHz
VBW	10kHz
Sweep Time	Auto

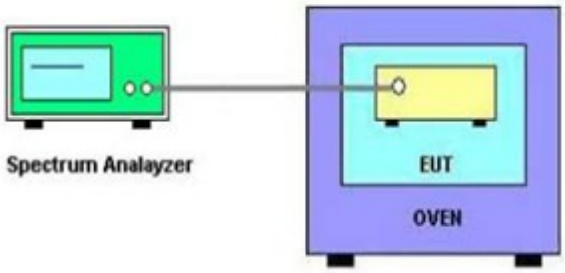
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is0°C~40°C.

8.1.2DEVIATION FROM STANDARD

No deviation.

8.1.3TEST SETUP



8.1.4EUT 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.

8.1.5EUT TEST CONDITIONS

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

8.1.6TEST RESULTS

Please refer to the Attachment I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1 -01	N/A	N/A
6	Cable		RG223	12m	Oct. 20, 2017

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Oct. 20, 2017
3	Receiver	Agilent	N9038A	MY5213003 9	Sep. 04, 2017
4	Cable	emci	LMR-400(30MH z-1GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF78020841 6	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
9	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
10	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
11	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
12	Antenna	EM	EM-6876-1	230	Jul. 07, 2018
13	Controller	MF	MF-7802	MF78020841 6	N/A
14	Cable	emci	EMC104-SM-S M-12000(12m)	N/A	Jun. 26, 2018
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum BandwidthMeasurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100895	Mar. 26, 2018
2	Antenna	EM	EM-6876-1	230	Jul. 07, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 26, 2018

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

10.EUT TEST PHOTOS

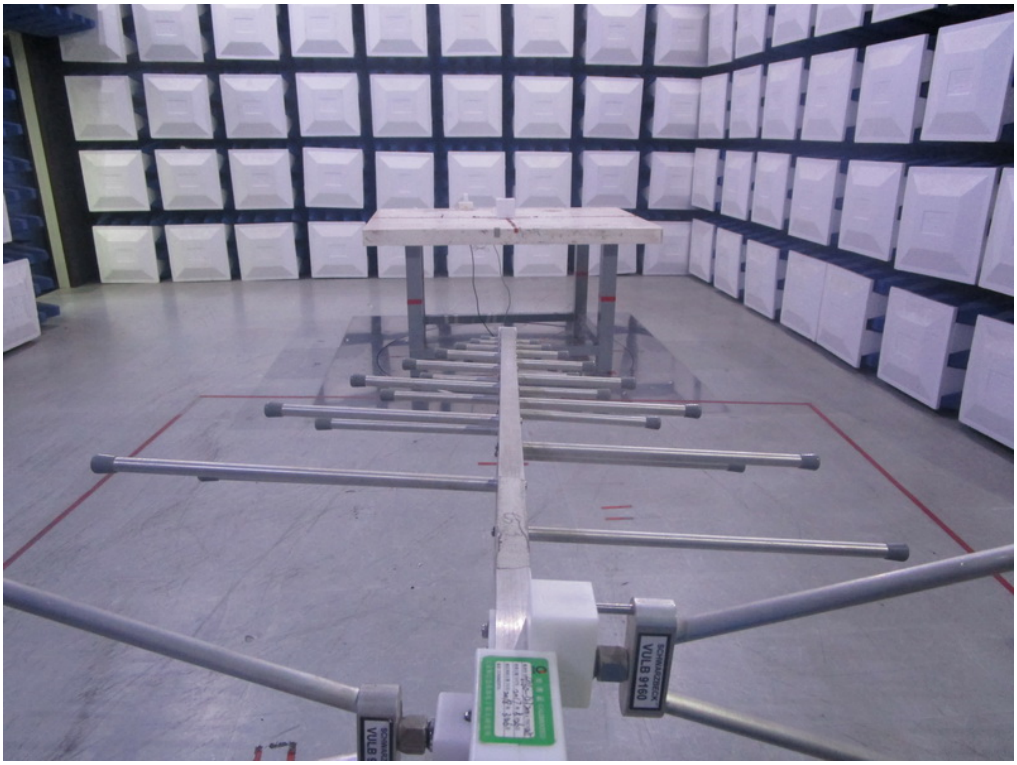
Conducted Measurement Photos

Radiated Measurement Photos

9KHz to 30MHz

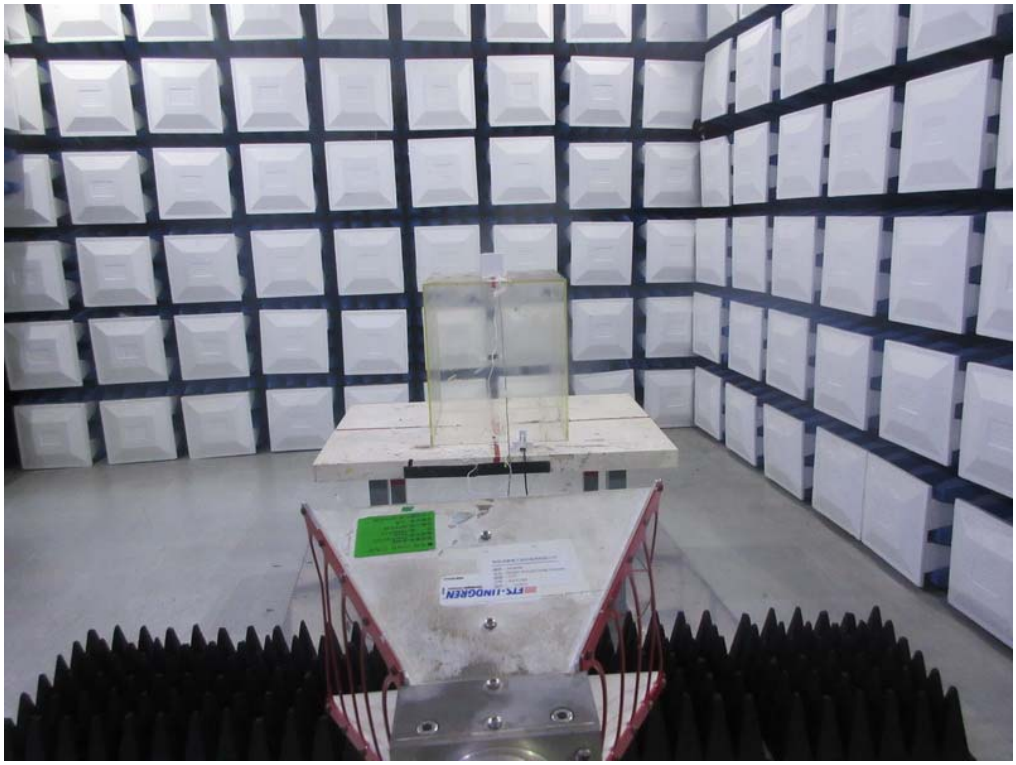
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

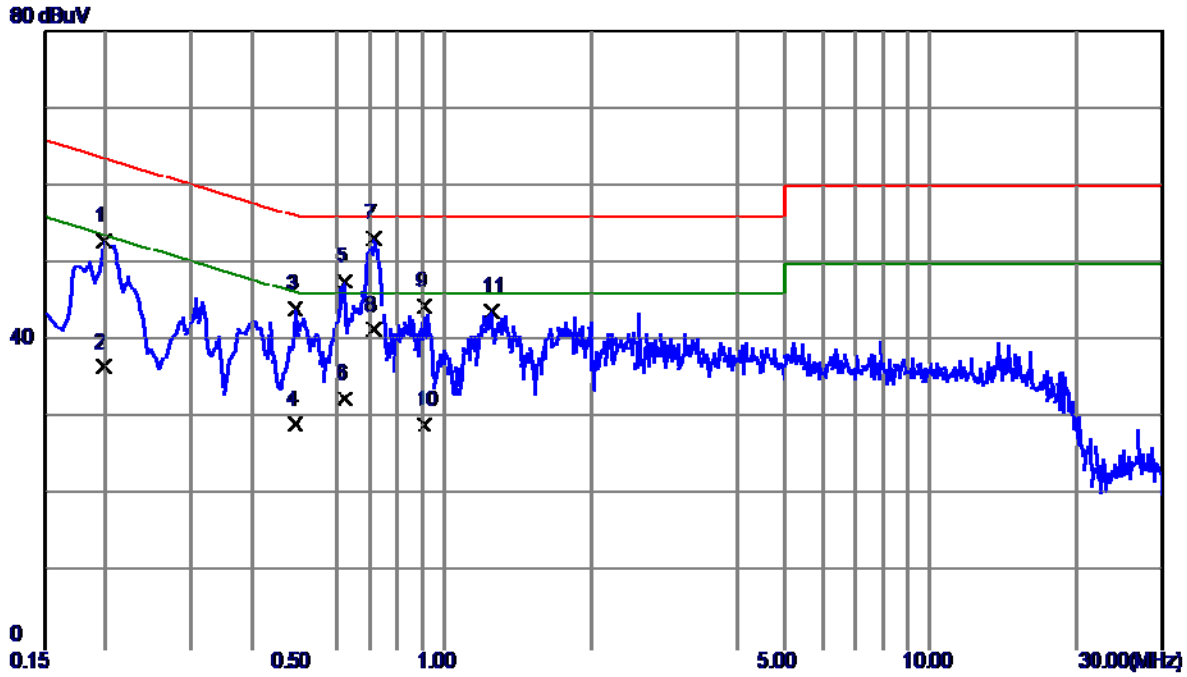
Above 1000MHz



ATTACHMENTA -CONDUCTED EMISSION

Test Mode:	TX MODE

Line

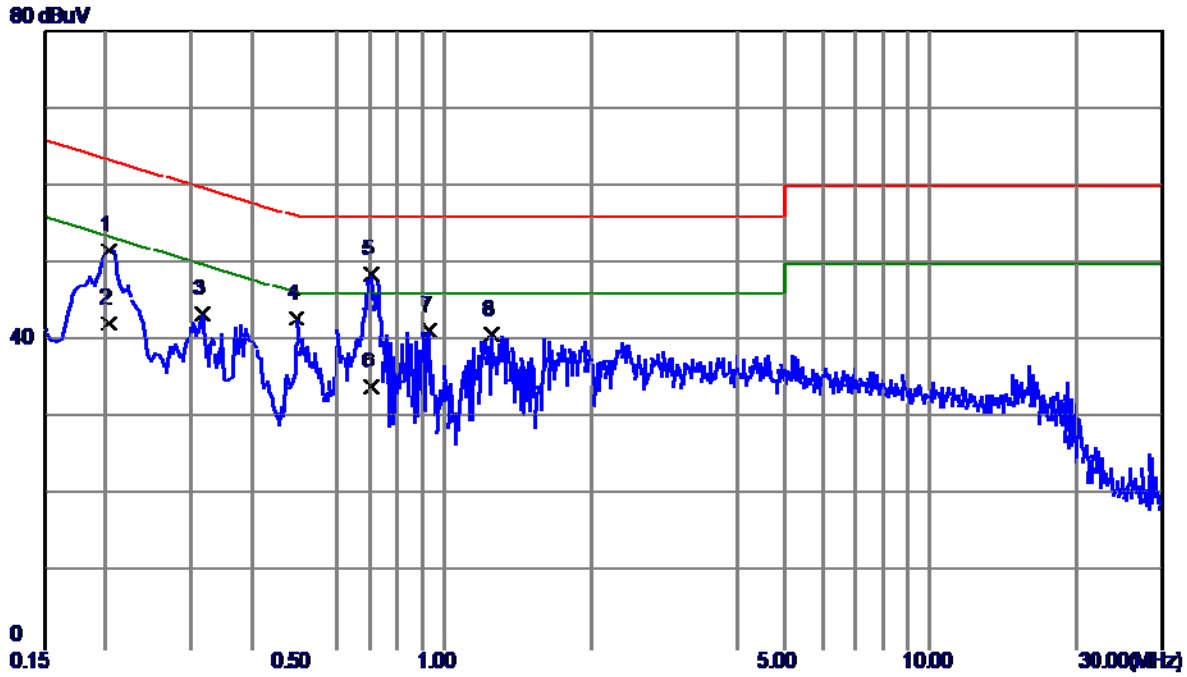


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1995	43.12	9.76	52.88	63.63	-10.75	Peak	
2	0.1995	26.80	9.76	36.56	53.63	-17.07	AVG	
3	0.4920	34.42	9.80	44.22	56.13	-11.91	Peak	
4	0.4920	19.40	9.80	29.20	46.13	-16.93	AVG	
5	0.6225	37.86	9.81	47.67	56.00	-8.33	Peak	
6	0.6225	22.70	9.81	32.51	46.00	-13.49	AVG	
7 *	0.7125	43.50	9.82	53.32	56.00	-2.68	Peak	
8	0.7125	31.54	9.82	41.36	46.00	-4.64	AVG	
9	0.9105	34.70	9.85	44.55	56.00	-11.45	Peak	
10	0.9105	19.20	9.85	29.05	46.00	-16.95	AVG	
11	1.2480	34.04	9.88	43.92	56.00	-12.08	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



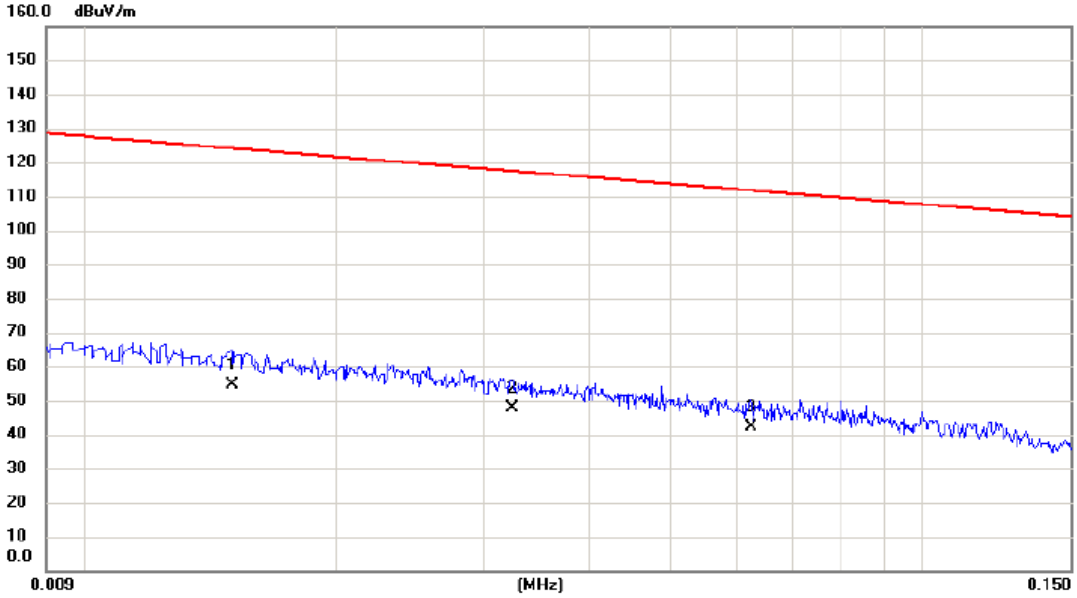
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.2040	41.93	9.69	51.62	63.45	-11.83	Peak	
2	0.2040	32.50	9.69	42.19	53.45	-11.26	AVG	
3	0.3165	33.89	9.68	43.57	59.80	-16.23	Peak	
4	0.4965	33.24	9.70	42.94	56.06	-13.12	Peak	
5 *	0.7035	38.93	9.72	48.65	56.00	-7.35	Peak	
6	0.7035	24.30	9.72	34.02	46.00	-11.98	AVG	
7	0.9330	31.57	9.74	41.31	56.00	-14.69	Peak	
8	1.2480	31.08	9.76	40.84	56.00	-15.16	Peak	

Note：The test result has included the cable loss.

ATTACHMENTB -RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode:	TX MODE

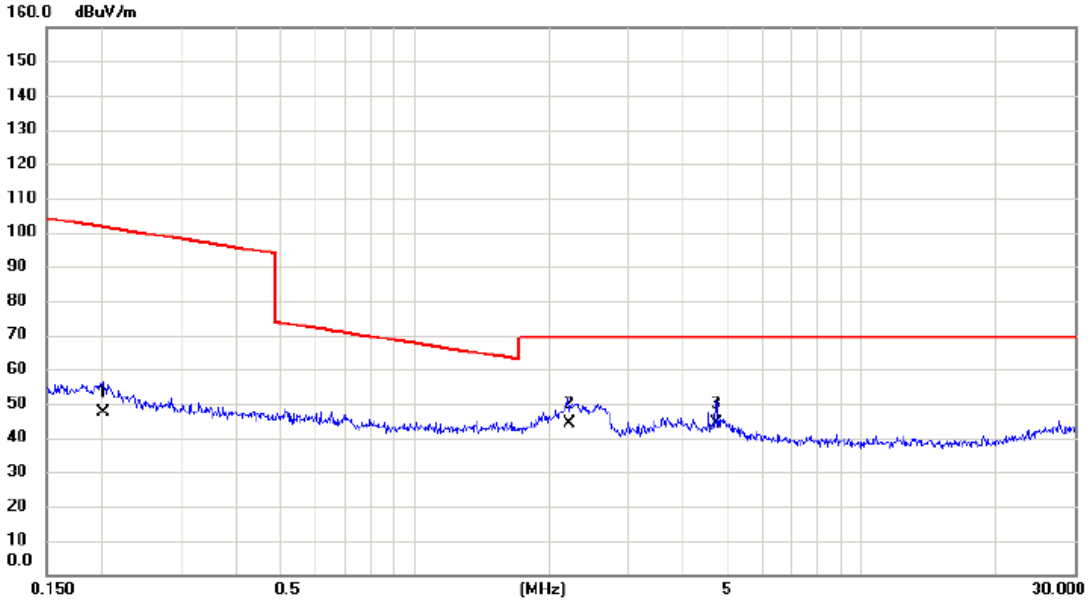
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.015	34.16	20.27	54.43	124.08	-69.65	AVG	
2		0.032	28.46	19.25	47.71	117.39	-69.68	AVG	
3	*	0.062	23.57	18.48	42.05	111.70	-69.65	AVG	

Test Mode:	TX MODE

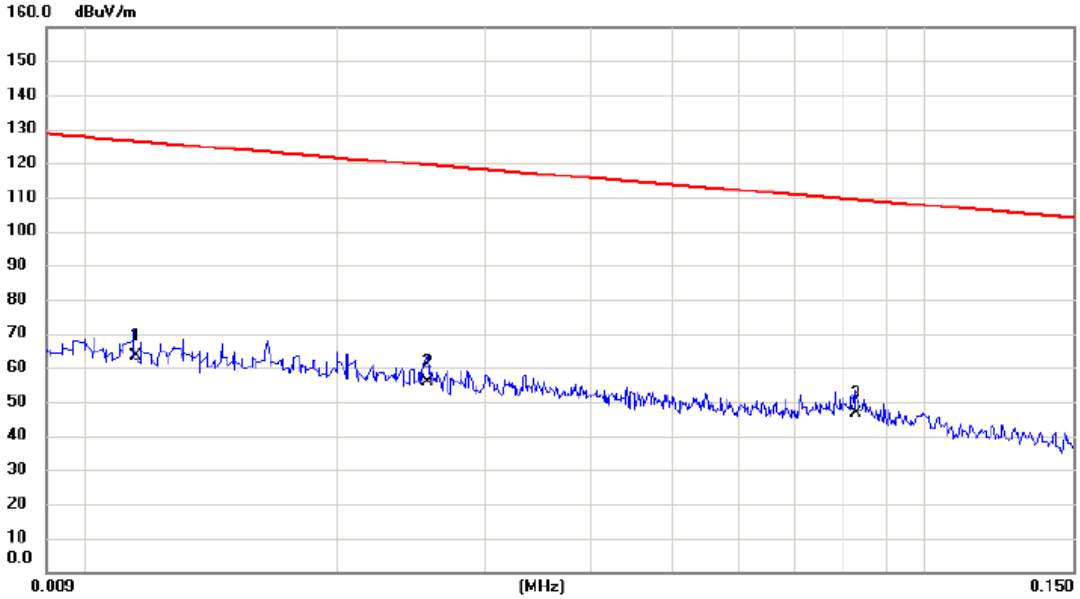
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.201	30.77	16.80	47.57	101.56	-53.99	AVG	
2	*	2.213	28.81	15.45	44.26	69.54	-25.28	QP	
3		4.721	29.54	14.53	44.07	69.54	-25.47	QP	

Test Mode:	TX MODE

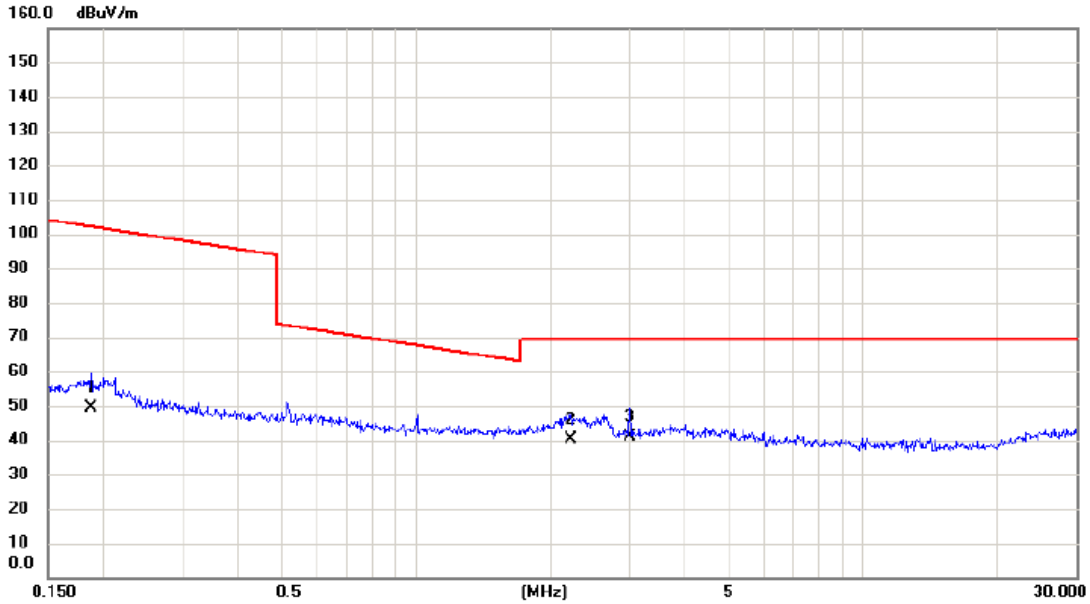
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.011	42.56	20.72	63.28	126.39	-63.11	AVG	
2		0.026	36.48	19.45	55.93	119.44	-63.51	AVG	
3	*	0.083	28.45	18.05	46.50	109.25	-62.75	AVG	

Test Mode:	TX MODE

Ant 90°

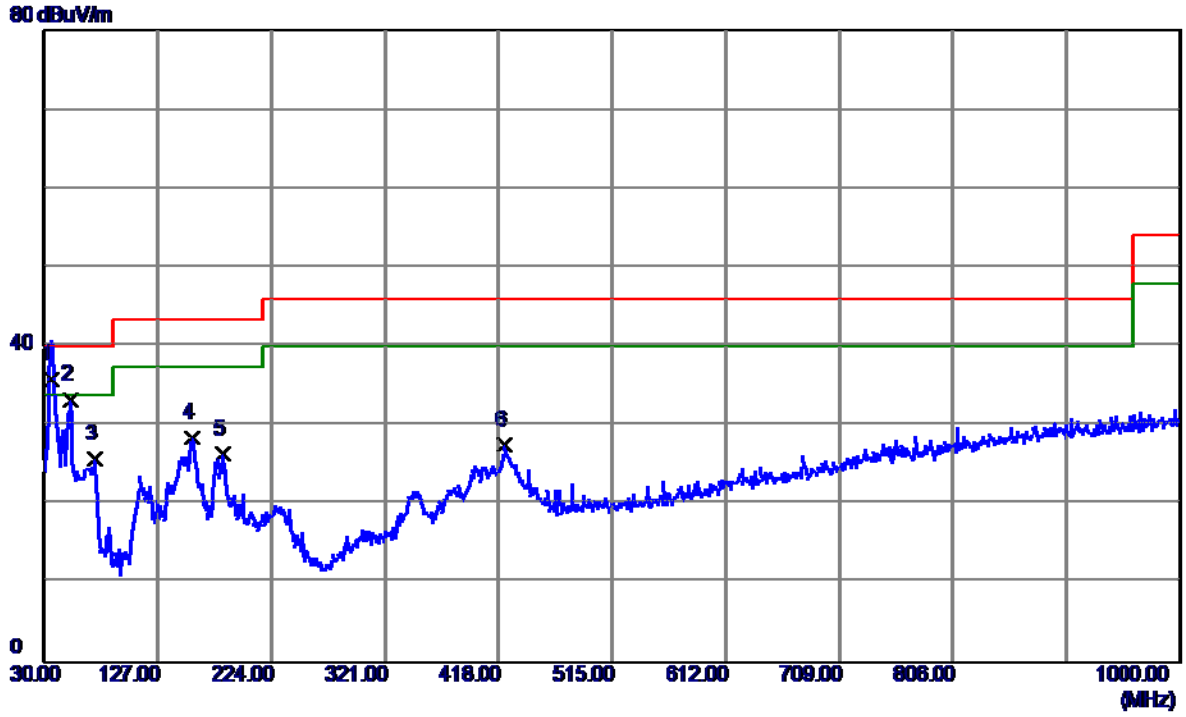


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.187	32.45	16.84	49.29	102.15	-52.86	AVG	
2		2.225	24.87	15.44	40.31	69.54	-29.23	QP	
3	*	3.009	25.96	15.23	41.19	69.54	-28.35	QP	

ATTACHMENTC -RADIATED EMISSION (30MHZ TO 1000MHZ)

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

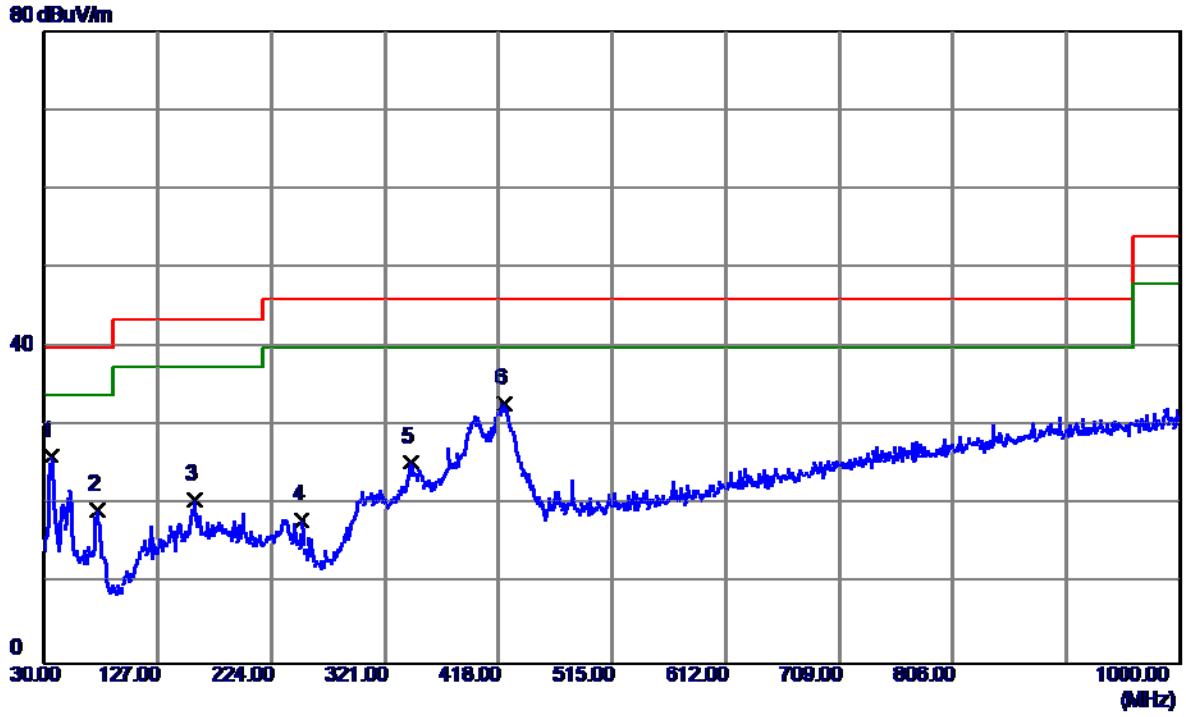
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	50.23	-14.41	35.82	40.00	-4.18	QP	
2	52.3100	47.12	-13.79	33.33	40.00	-6.67	Peak	
3	72.6800	42.58	-16.82	25.76	40.00	-14.24	Peak	
4	156.1000	41.64	-13.16	28.48	43.50	-15.02	Peak	
5	183.2600	38.69	-12.30	26.39	43.50	-17.11	Peak	
6	423.8200	38.20	-10.68	27.52	46.00	-18.48	Peak	

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

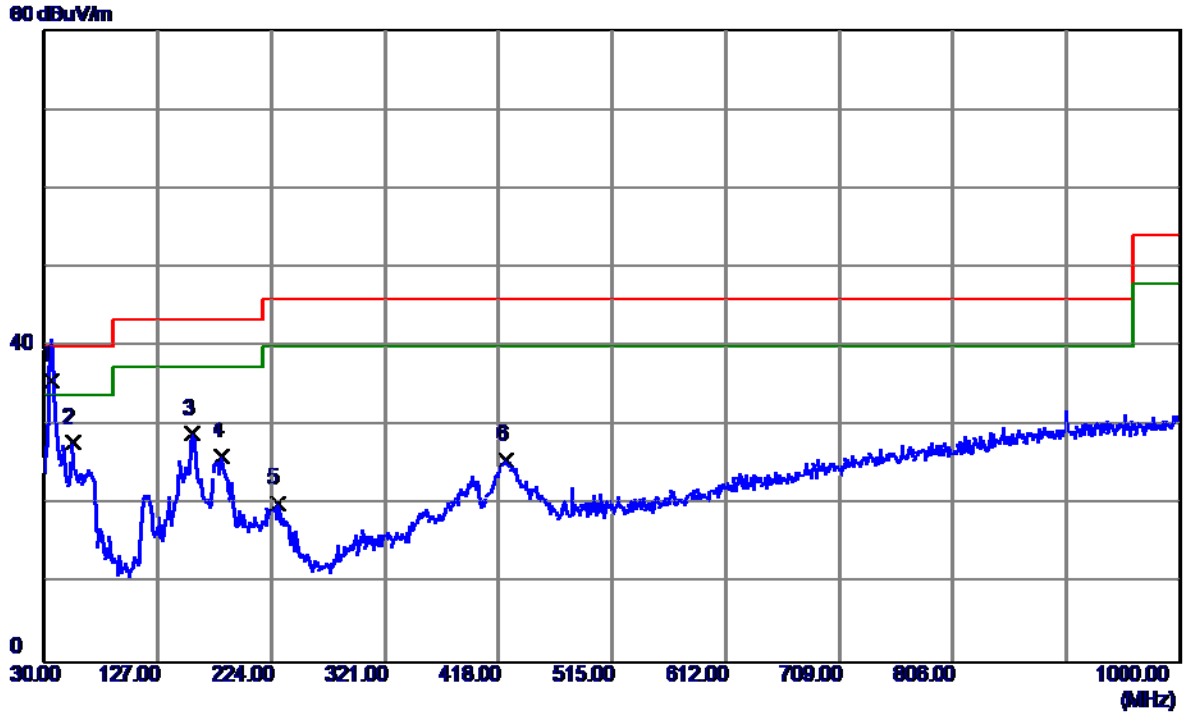
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	36.7900	40.67	-14.41	26.26	40.00	-13.74	Peak	
2	75.5899	36.64	-17.22	19.42	40.00	-20.58	Peak	
3	158.0399	33.76	-13.05	20.71	43.50	-22.79	Peak	
4	250.1900	32.98	-14.90	18.08	46.00	-27.92	Peak	
5	343.3100	37.51	-12.07	25.44	46.00	-20.56	Peak	
6 *	422.8500	43.55	-10.71	32.84	46.00	-13.16	Peak	

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

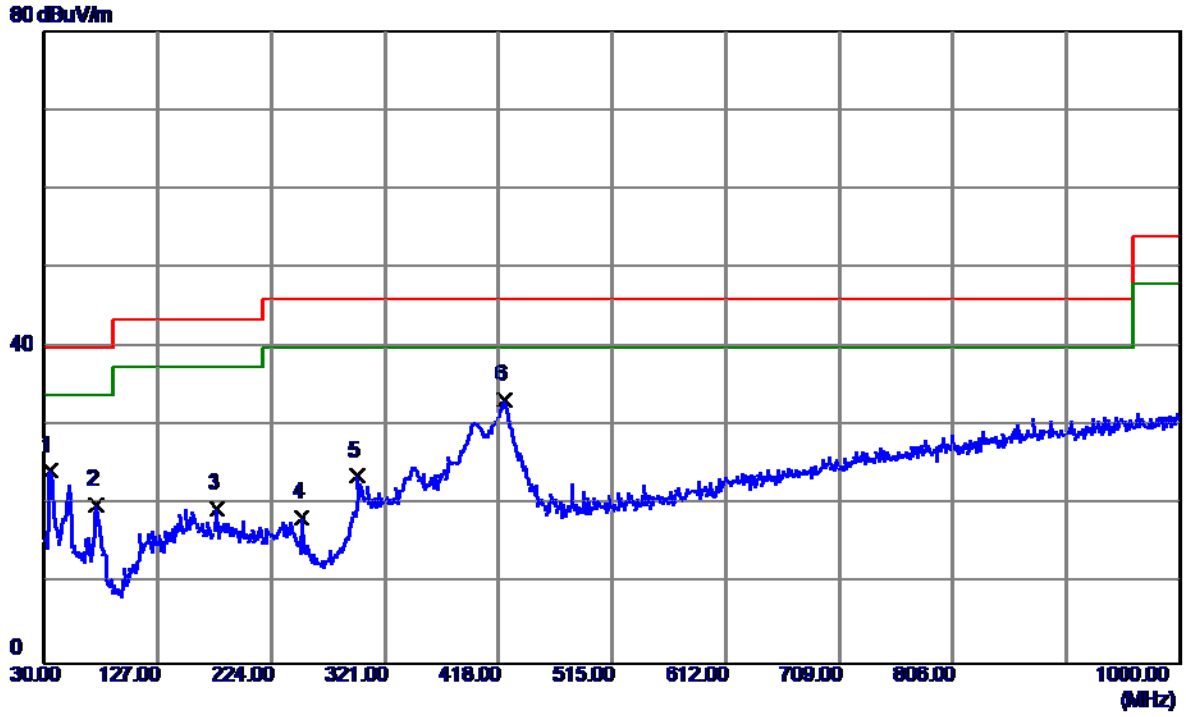
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	50.09	-14.41	35.68	40.00	-4.32	QP	
2	54.2500	41.75	-13.95	27.80	40.00	-12.20	Peak	
3	156.1000	42.15	-13.16	28.99	43.50	-14.51	Peak	
4	182.2899	38.25	-12.22	26.03	43.50	-17.47	Peak	
5	228.8500	34.20	-14.10	20.10	46.00	-25.90	Peak	
6	424.7900	36.32	10.66	25.66	46.00	20.34	Peak	

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

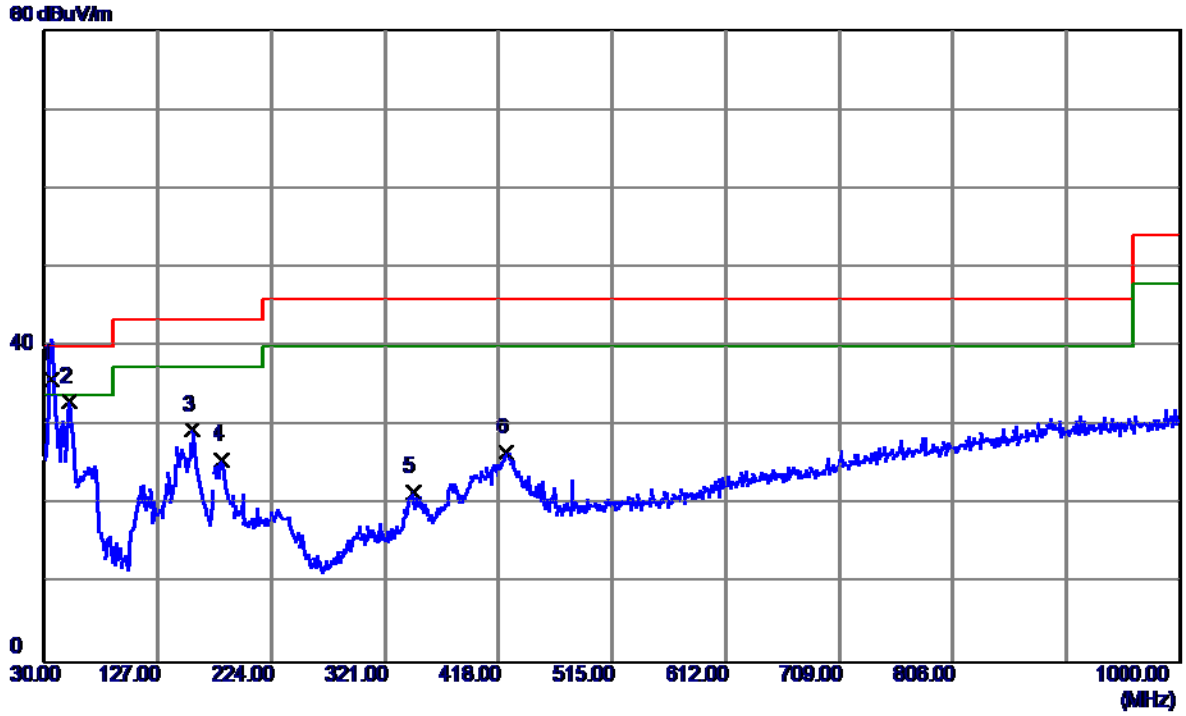
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	38.78	-14.51	24.27	40.00	-15.73	Peak	
2	74.6200	37.02	-17.04	19.98	40.00	-20.02	Peak	
3	177.4400	31.68	-12.12	19.56	43.50	-23.94	Peak	
4	250.1900	33.29	-14.90	18.39	46.00	-27.61	Peak	
5	297.7200	36.82	-13.14	23.68	46.00	-22.32	Peak	
6 *	423.8200	43.99	-10.68	33.31	46.00	-12.69	Peak	

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

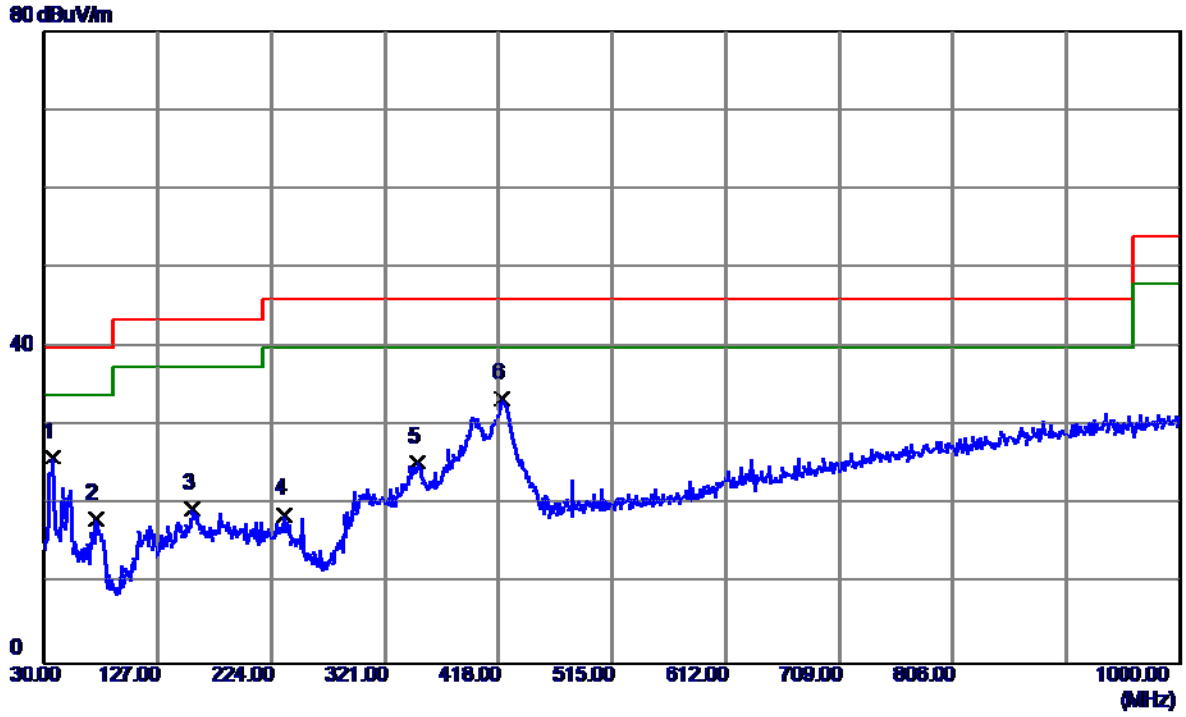
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	50.26	-14.41	35.85	40.00	-4.15	QP	
2	51.3400	46.74	-13.70	33.04	40.00	-6.96	Peak	
3	156.1000	42.66	-13.16	29.50	43.50	-14.00	Peak	
4	182.2899	37.89	-12.22	25.67	43.50	-17.83	Peak	
5	345.2500	33.59	-12.04	21.55	46.00	-24.45	Peak	
6	424.7900	37.29	10.66	26.63	46.00	19.37	Peak	

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

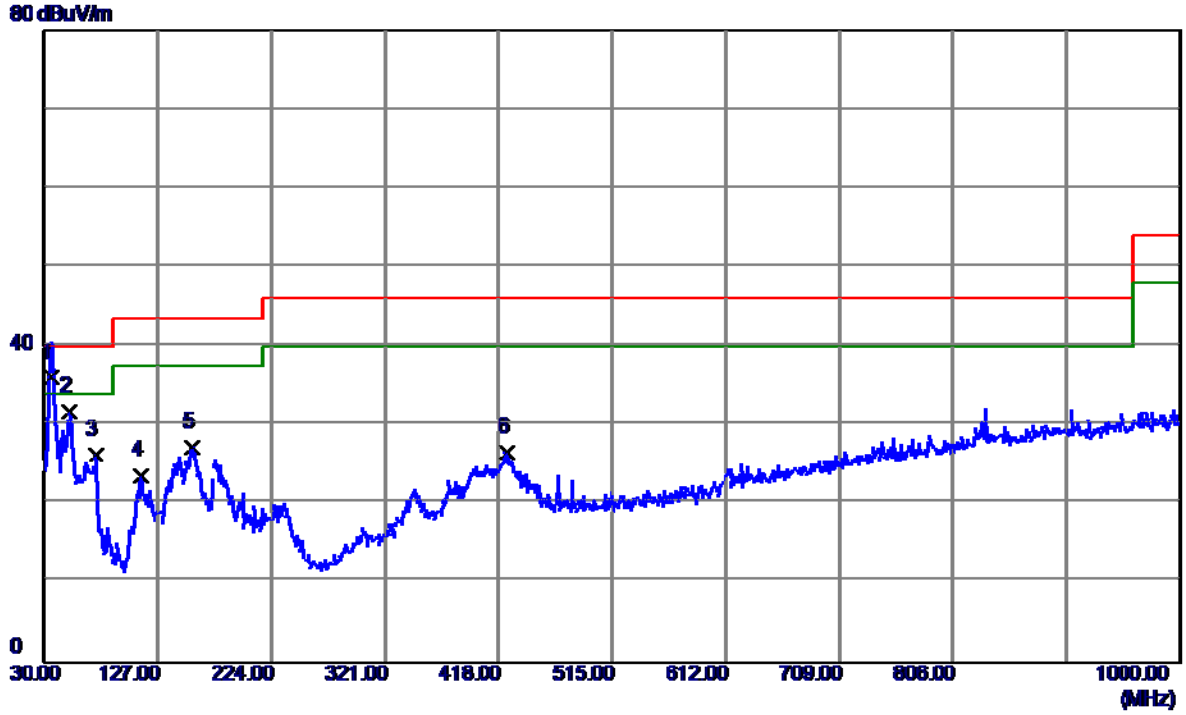
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	40.32	-14.30	26.02	40.00	-13.98	Peak	
2	73.6500	35.20	-16.93	18.27	40.00	-21.73	Peak	
3	156.1000	32.73	-13.16	19.57	43.50	-23.93	Peak	
4	234.6700	33.04	-14.24	18.80	46.00	-27.20	Peak	
5	349.1300	37.41	-11.97	25.44	46.00	-20.56	Peak	
6 *	420.9100	44.24	-10.77	33.47	46.00	-12.53	Peak	

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

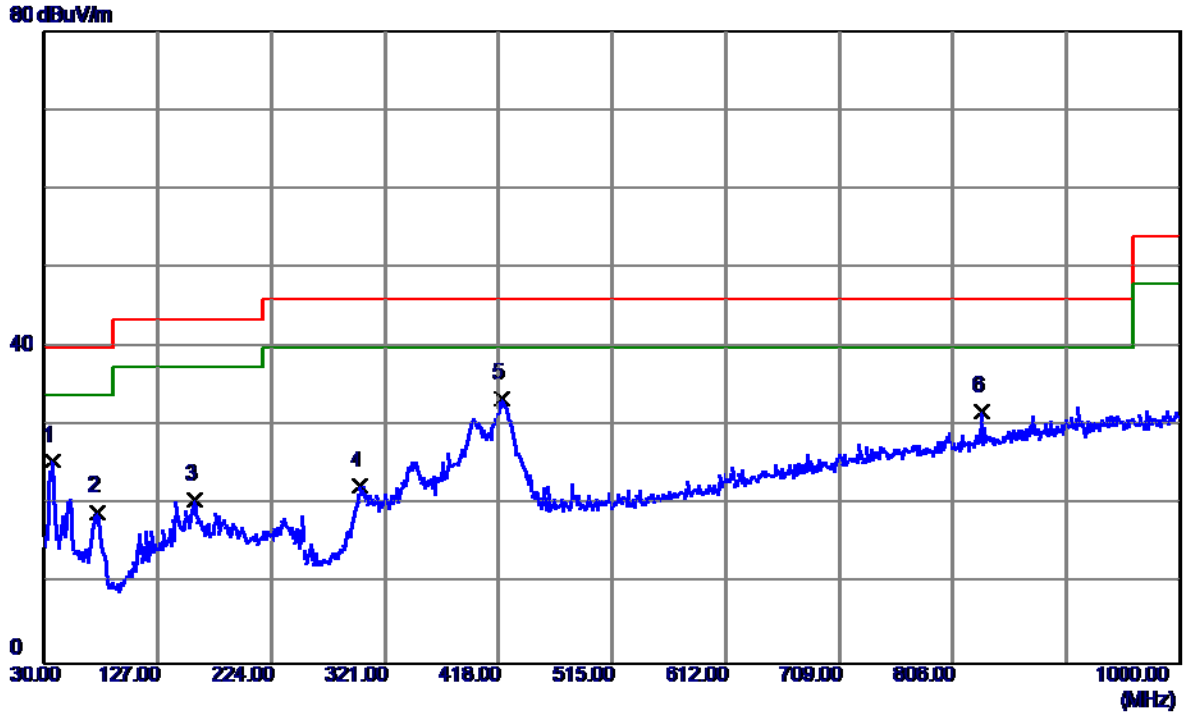
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	50.36	-14.41	35.95	40.00	-4.05	QP	
2	51.3400	45.42	-13.70	31.72	40.00	-8.28	Peak	
3	73.6500	43.18	-16.93	26.25	40.00	-13.75	Peak	
4	113.4200	39.52	-15.92	23.60	43.50	-19.90	Peak	
5	156.1000	40.43	-13.16	27.27	43.50	-16.23	Peak	
6	425.7600	37.19	-10.63	26.56	46.00	-19.44	Peak	

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

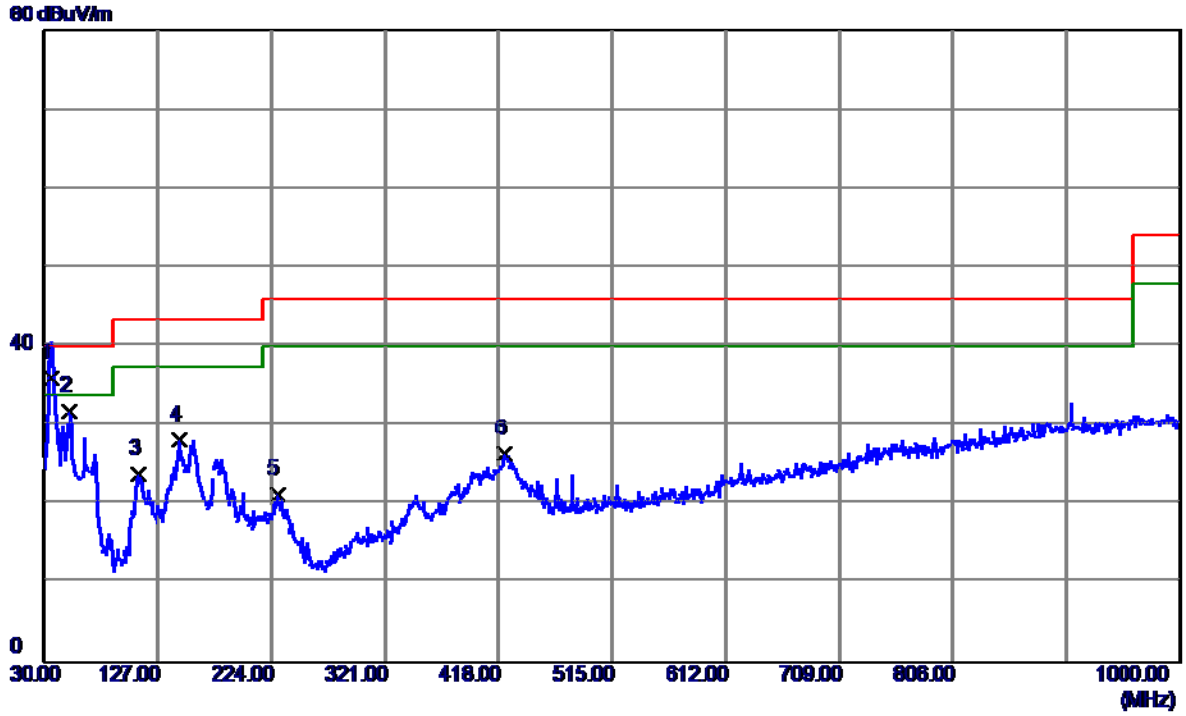
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	39.91	-14.30	25.61	40.00	-14.39	Peak	
2	75.5899	36.34	-17.22	19.12	40.00	-20.88	Peak	
3	158.0399	33.66	-13.05	20.61	43.50	-22.89	Peak	
4	299.6600	35.22	-12.88	22.34	46.00	-23.66	Peak	
5 *	420.9100	44.25	-10.77	33.48	46.00	-12.52	Peak	
6	831.2199	32.39	-0.51	31.88	46.00	-14.12	Peak	

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

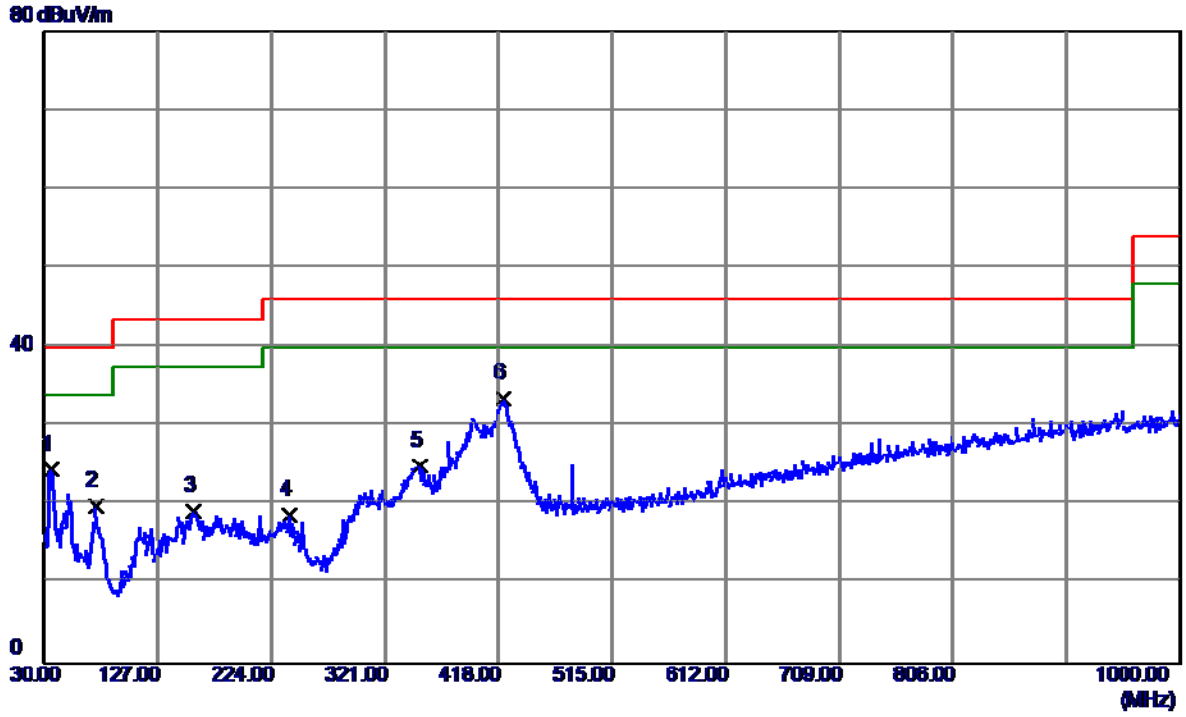
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	50.46	-14.41	36.05	40.00	-3.95	QP	
2	51.3400	45.47	-13.70	31.77	40.00	-8.23	Peak	
3	110.5100	39.99	-16.15	23.84	43.50	-19.66	Peak	
4	145.4299	42.06	-13.84	28.22	43.50	-15.28	Peak	
5	228.8500	35.36	-14.10	21.26	46.00	-24.74	Peak	
6	422.8500	37.09	10.71	26.38	46.00	19.62	Peak	

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

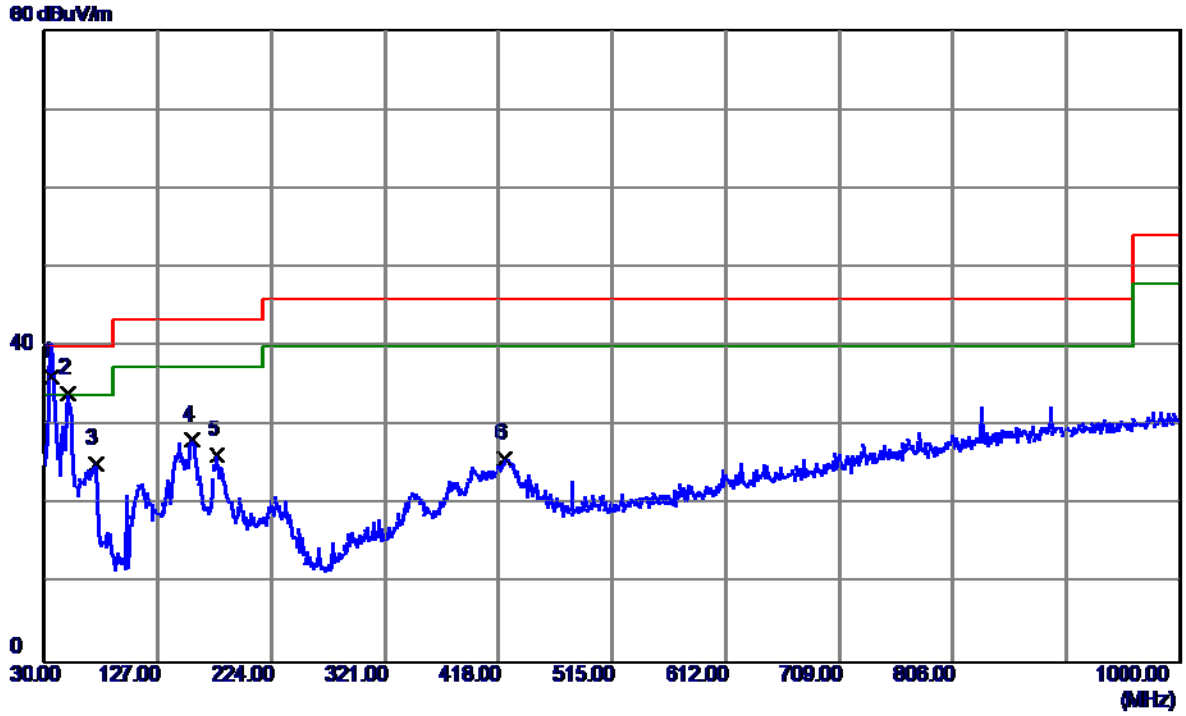
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	36.7900	38.87	-14.41	24.46	40.00	-15.54	Peak	
2	73.6500	36.73	-16.93	19.80	40.00	-20.20	Peak	
3	157.0700	32.25	-13.10	19.15	43.50	-24.35	Peak	
4	238.5500	33.02	-14.33	18.69	46.00	-27.31	Peak	
5	351.0700	36.94	-11.94	25.00	46.00	-21.00	Peak	
6 *	421.8800	44.24	-10.74	33.50	46.00	-12.50	Peak	

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

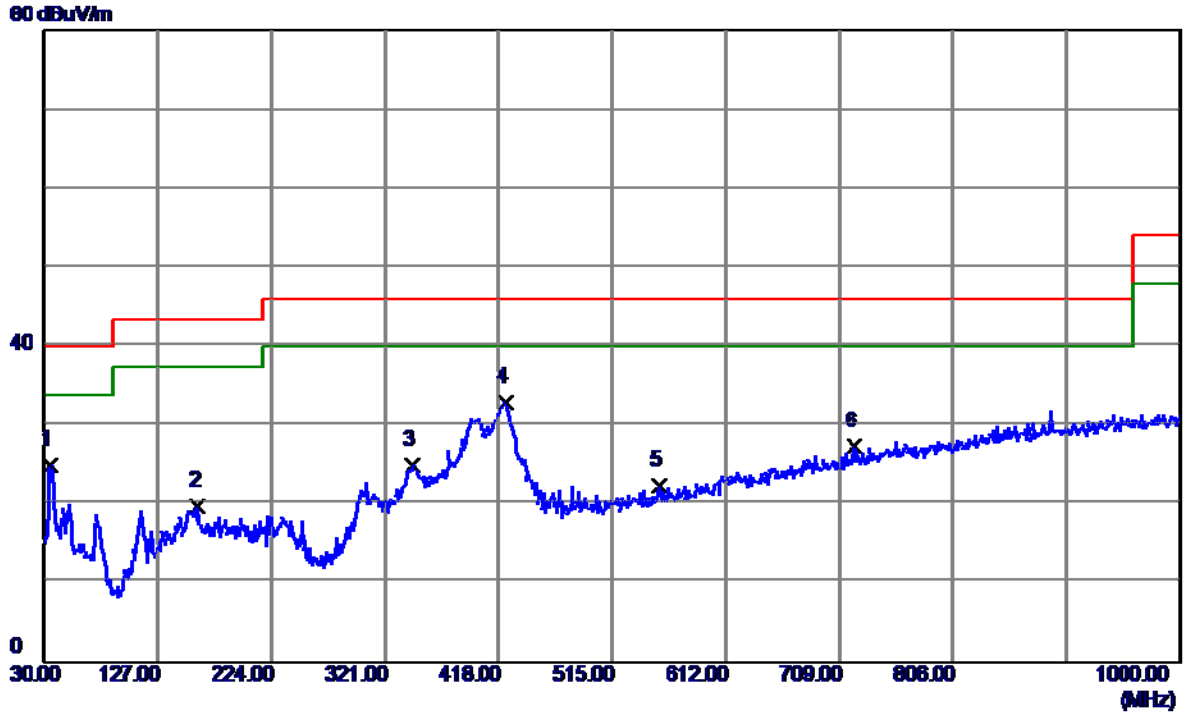
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	36.7900	50.58	-14.41	36.17	40.00	-3.83	QP	
2	50.3700	47.67	-13.61	34.06	40.00	-5.94	Peak	
3	73.6500	42.02	-16.93	25.09	40.00	-14.91	Peak	
4	156.1000	41.29	-13.16	28.13	43.50	-15.37	Peak	
5	177.4400	38.32	-12.12	26.20	43.50	-17.30	Peak	
6	423.8200	36.37	10.68	25.69	46.00	20.31	Peak	

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

Horizontal

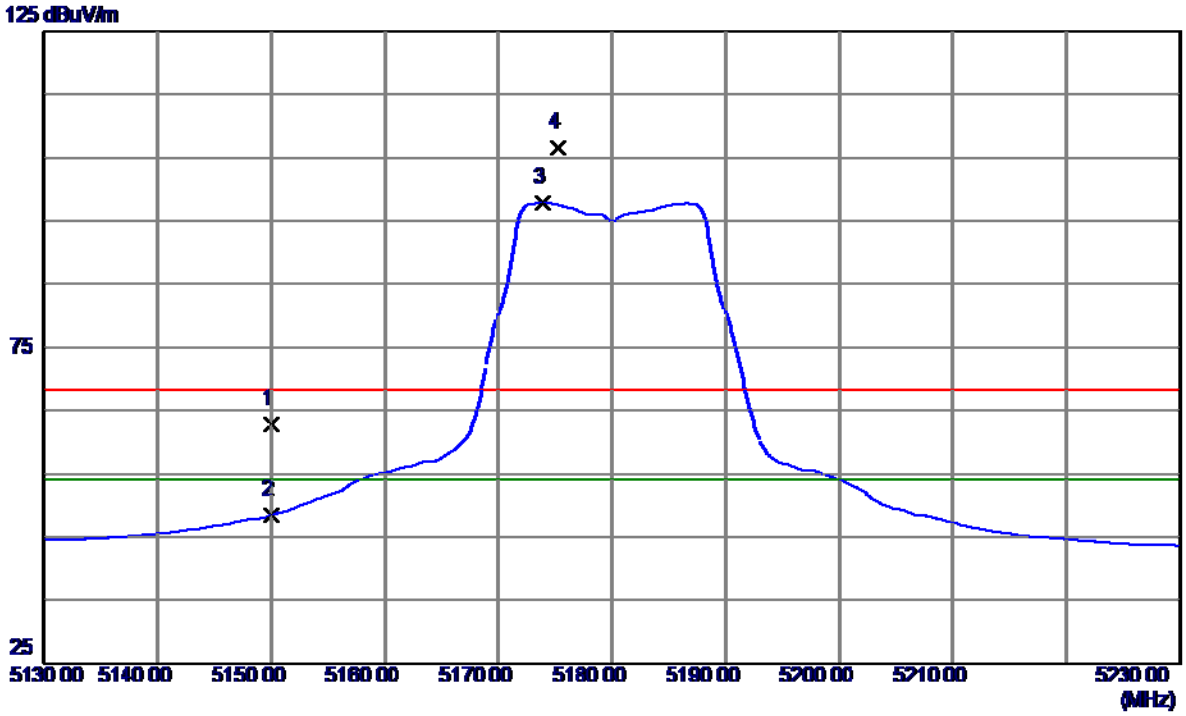


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	39.49	-14.51	24.98	40.00	-15.02	Peak	
2	160.9500	32.73	-12.87	19.86	43.50	-23.64	Peak	
3	344.2800	37.08	-12.06	25.02	46.00	-20.98	Peak	
4 *	424.7900	43.68	-10.66	33.02	46.00	-12.98	Peak	
5	554.7700	30.01	-7.59	22.42	46.00	-23.58	Peak	
6	721.6100	30.72	-3.29	27.43	46.00	-18.57	Peak	

ATTACHMENTD -RADIATED EMISSION (ABOVE 1000MHZ)

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

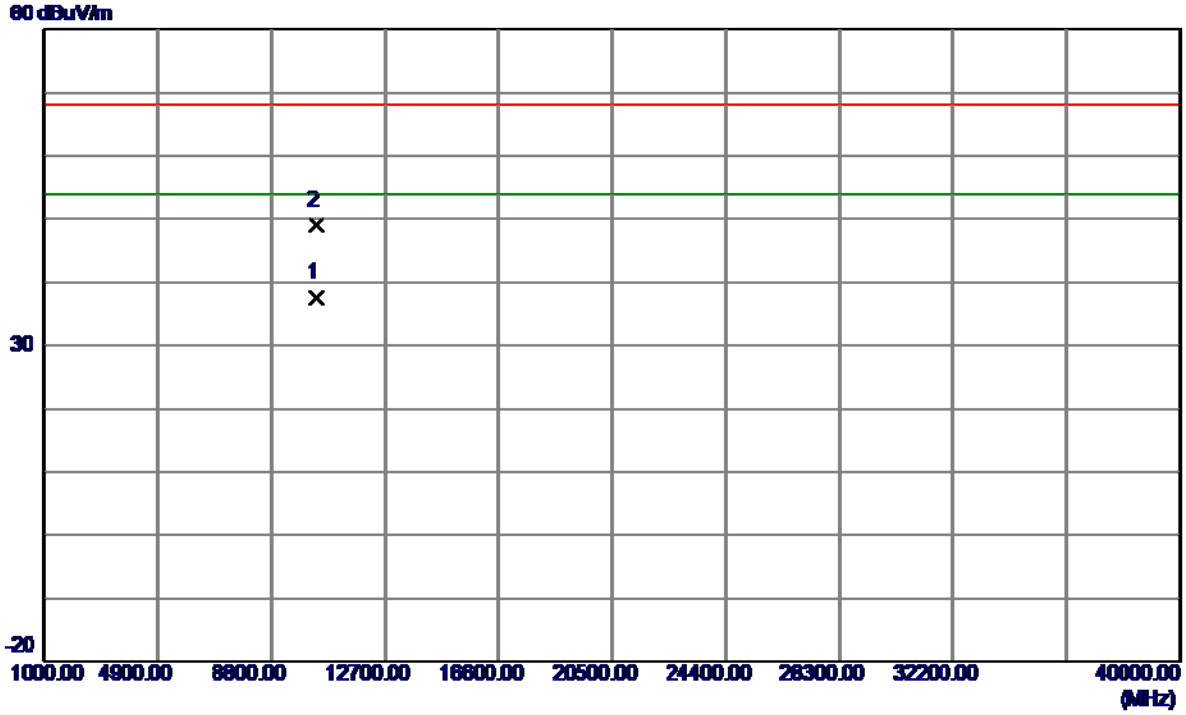
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.63	41.10	62.73	68.30	-5.57	Peak	
2	5150.0000	7.35	41.10	48.45	54.00	-5.55	AVG	
3 *	5173.9000	56.58	41.22	97.80	54.00	43.80	AVG	No Limit
4	5175.2000	65.35	41.23	106.58	68.30	38.28	Peak	No Limit

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

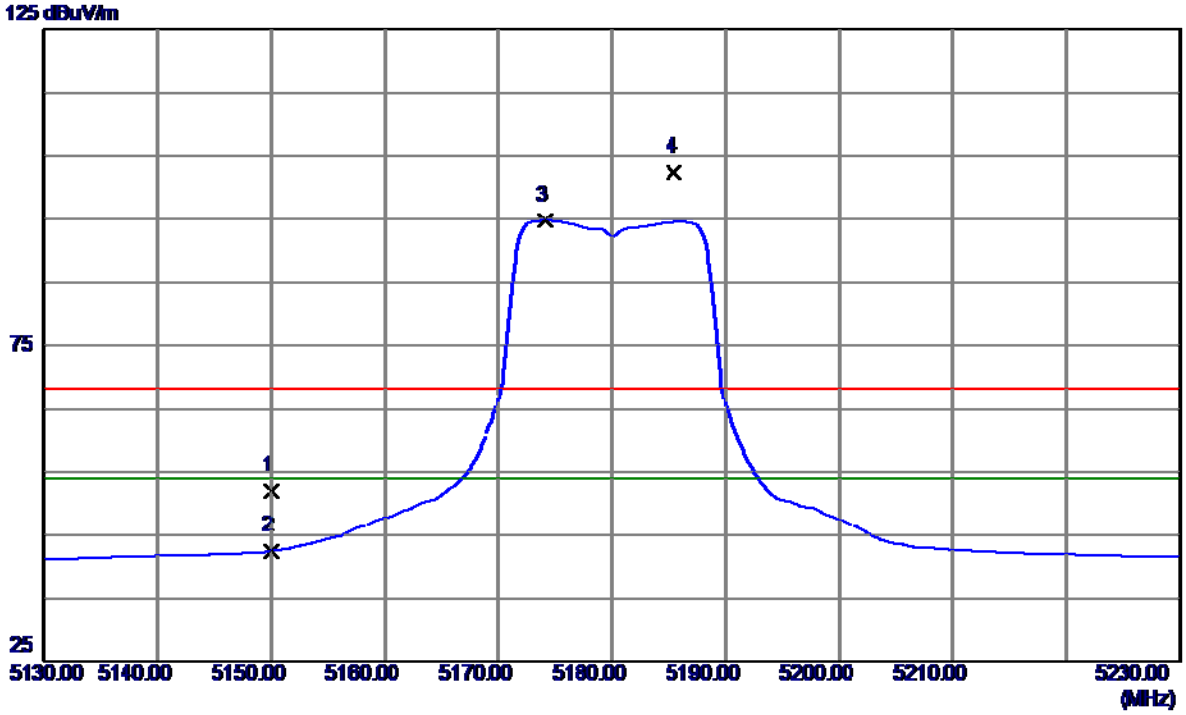
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.5850	20.59	17.10	37.69	54.00	-16.31	AVG	
2	10360.0830	31.93	17.11	49.04	68.30	-19.26	Peak	

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

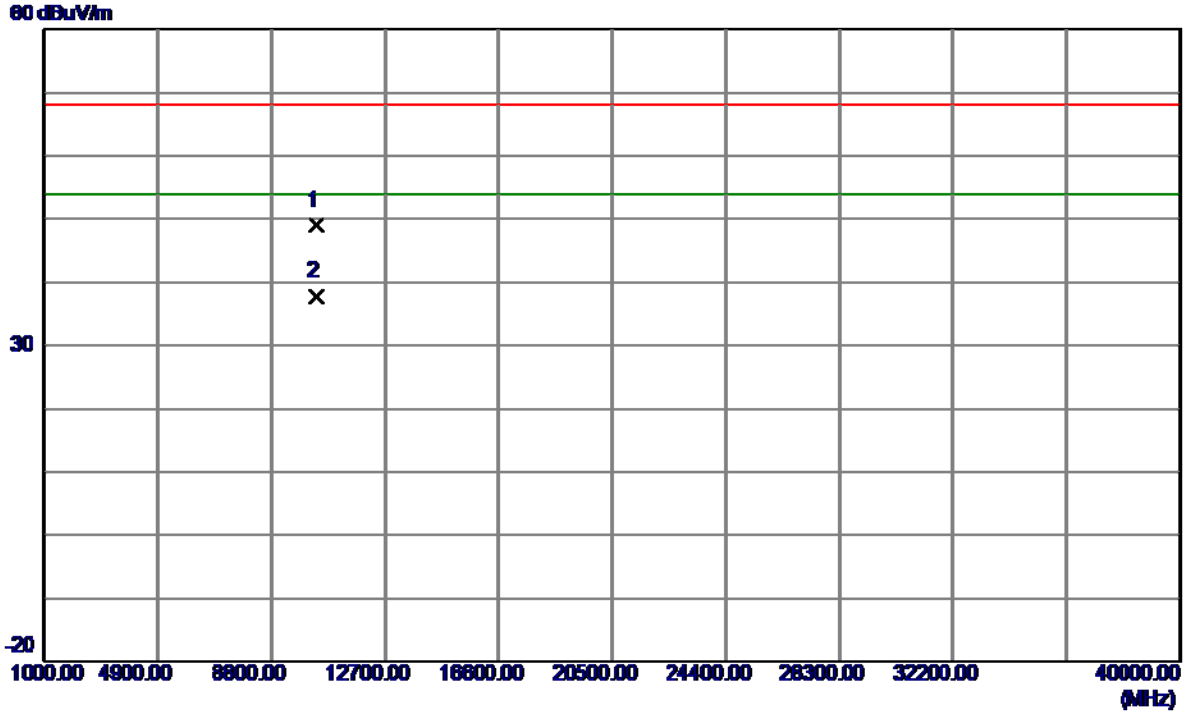
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.82	41.10	51.92	68.30	-16.38	Peak	
2	5150.0000	1.40	41.10	42.50	54.00	-11.50	AVG	
3 *	5174.1000	53.53	41.22	94.75	54.00	40.75	AVG	No Limit
4	5185.5000	61.19	41.28	102.47	68.30	34.17	Peak	No Limit

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

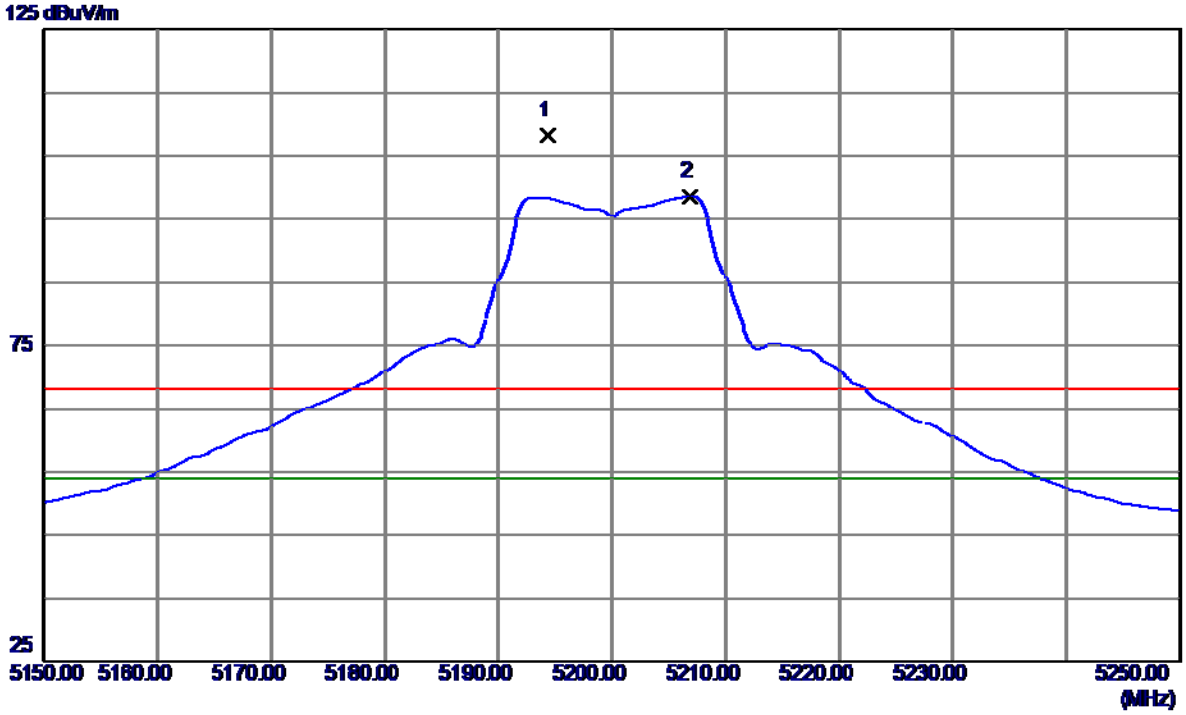
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.8370	31.95	17.10	49.05	68.30	-19.25	Peak	
2 *	10359.8990	20.74	17.10	37.84	54.00	-16.16	AVG	

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

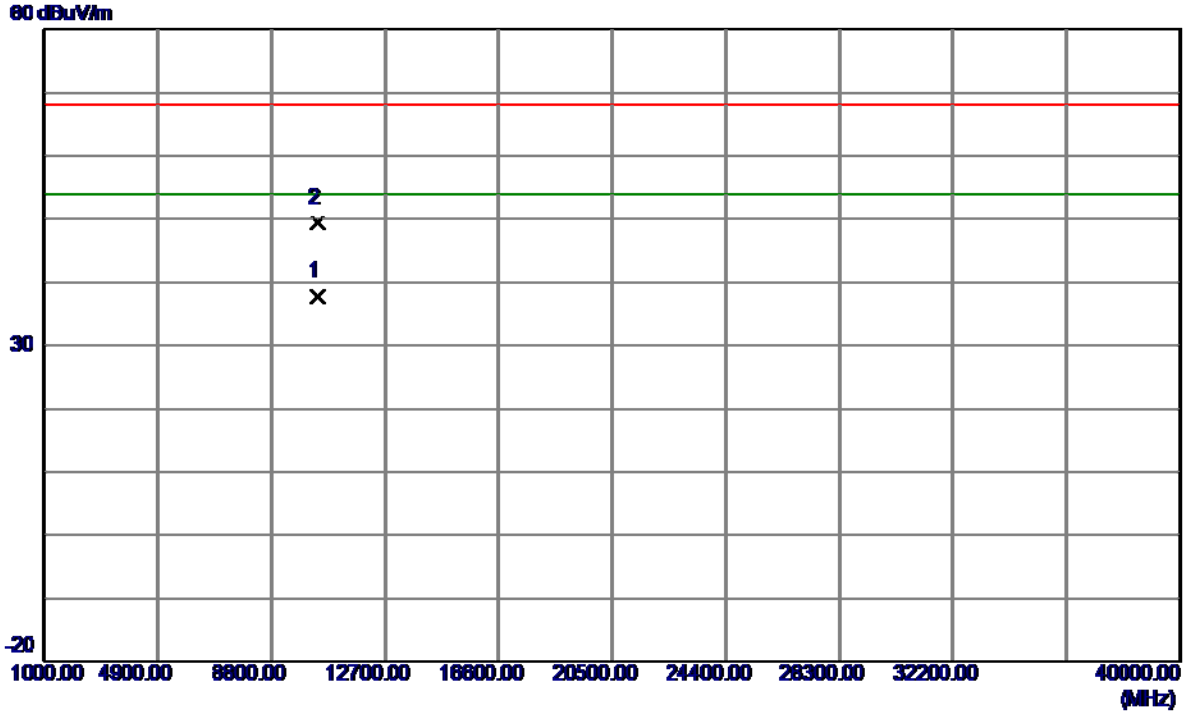
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5194.3000	66.81	41.33	108.14	68.30	39.84	Peak	No Limit
2 *	5206.9000	57.20	41.39	98.59	54.00	44.59	AVG	No Limit

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

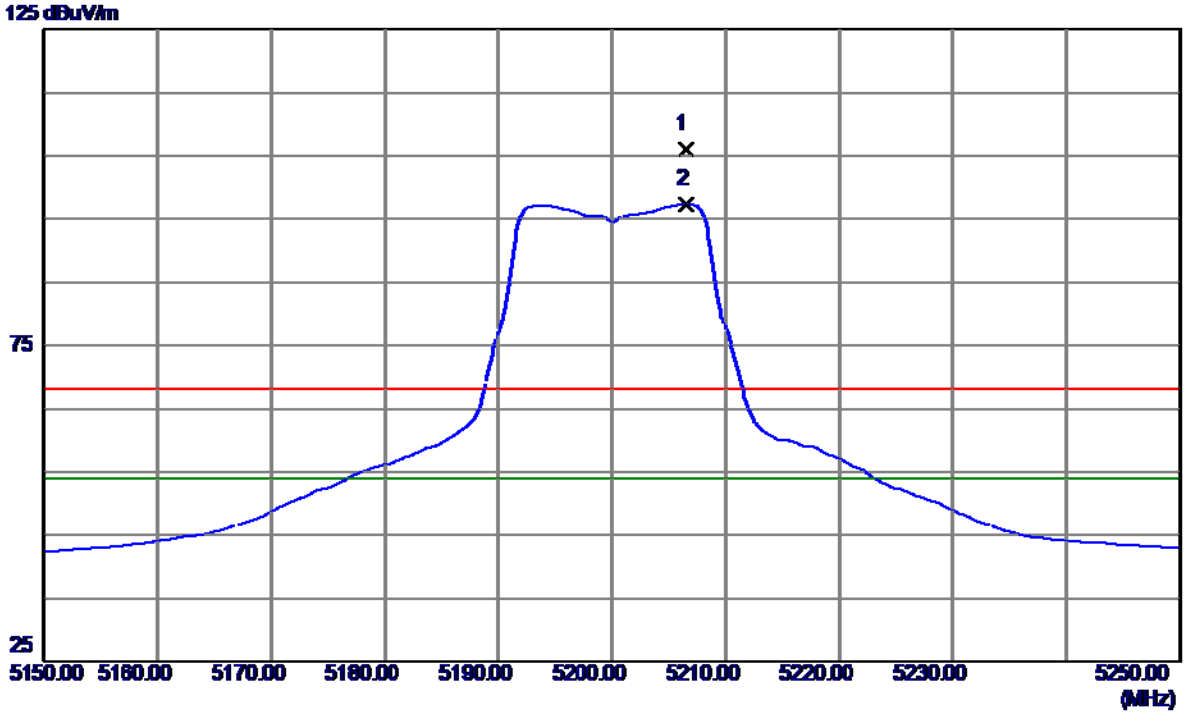
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.6330	20.56	17.22	37.78	54.00	-16.22	AVG	
2	10400.0050	32.12	17.22	49.34	68.30	-18.96	Peak	

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

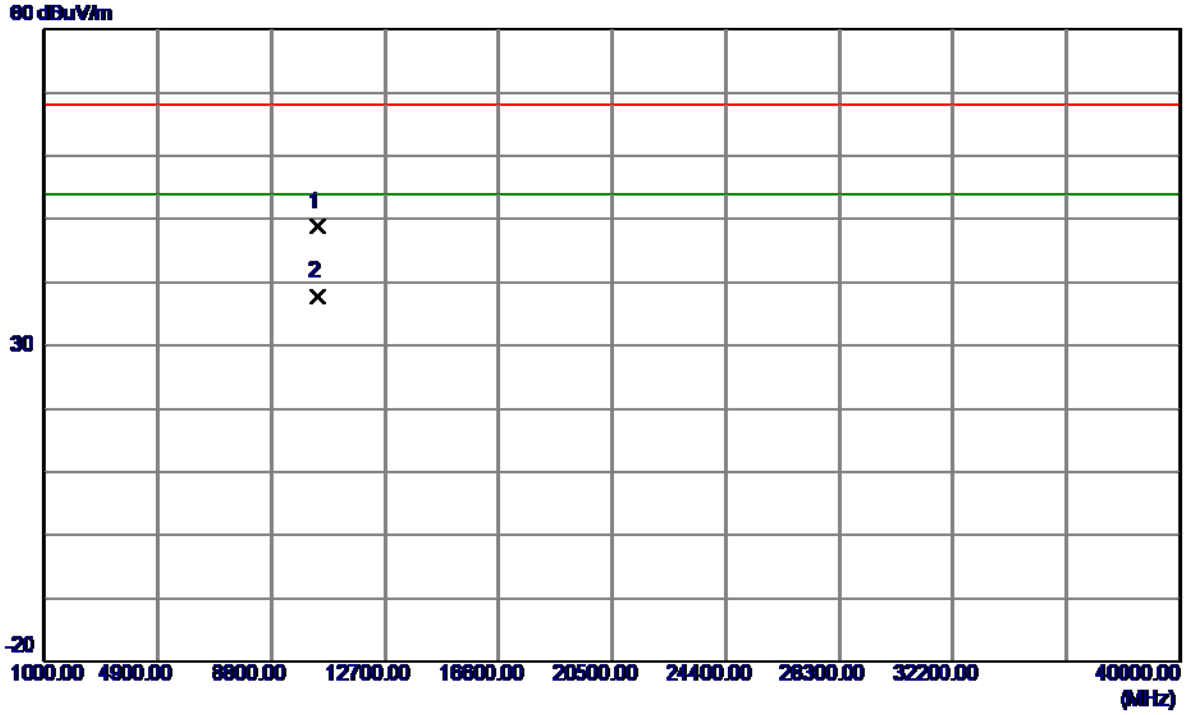
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5206.5000	64.55	41.39	105.94	68.30	37.64	Peak	No Limit
2 *	5206.6000	55.98	41.39	97.37	54.00	43.37	AVG	No Limit

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

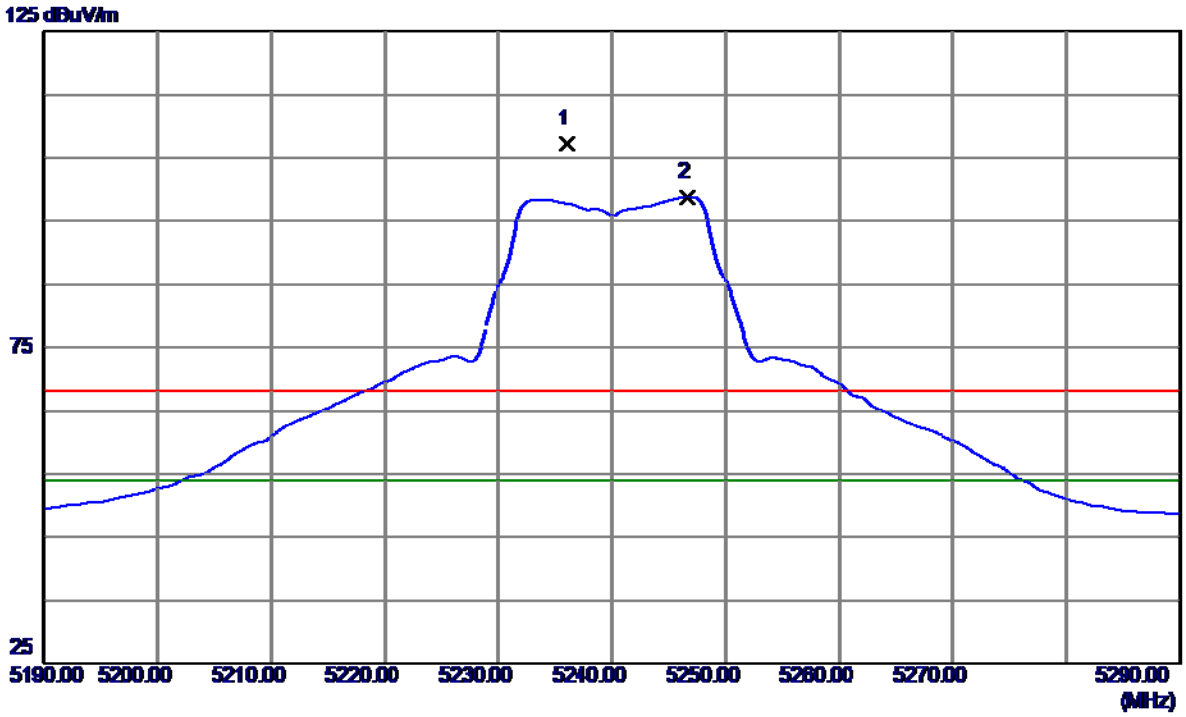
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.0210	31.61	17.22	48.83	68.30	-19.47	Peak	
2 *	10400.3980	20.66	17.22	37.88	54.00	-16.12	AVG	

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

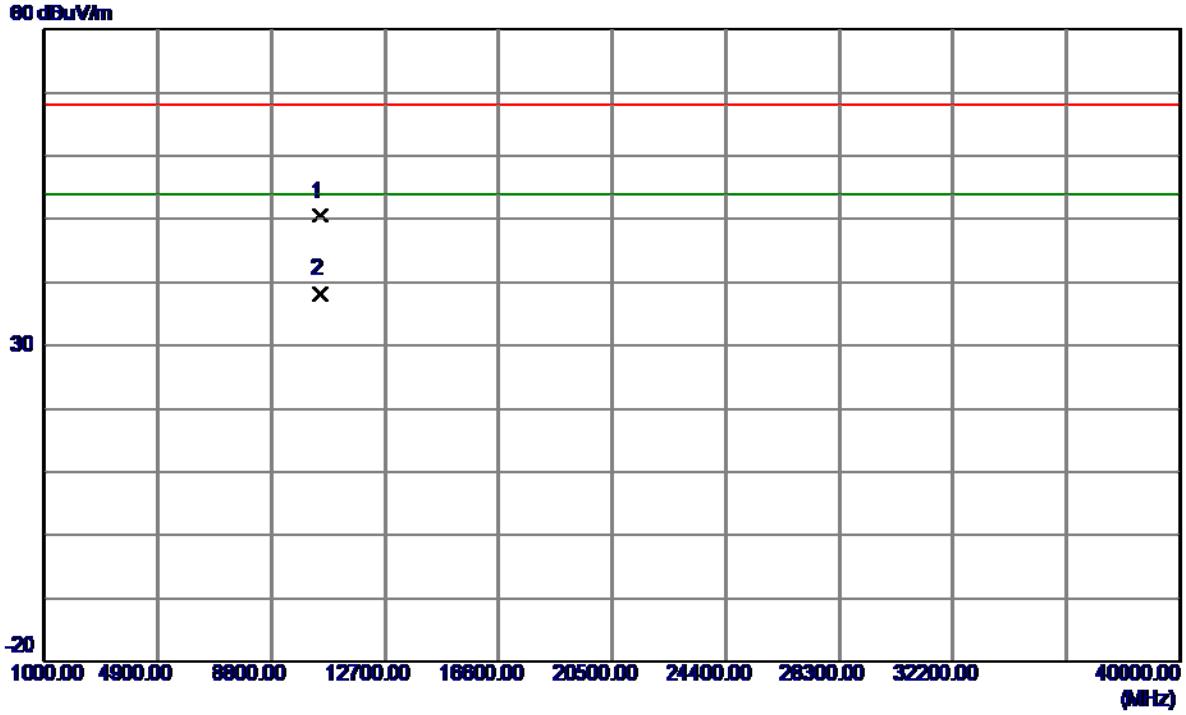
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.0000	65.66	41.54	107.20	68.30	38.90	Peak	No Limit
2 *	5246.7000	57.24	41.59	98.83	54.00	44.83	AVG	No Limit

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

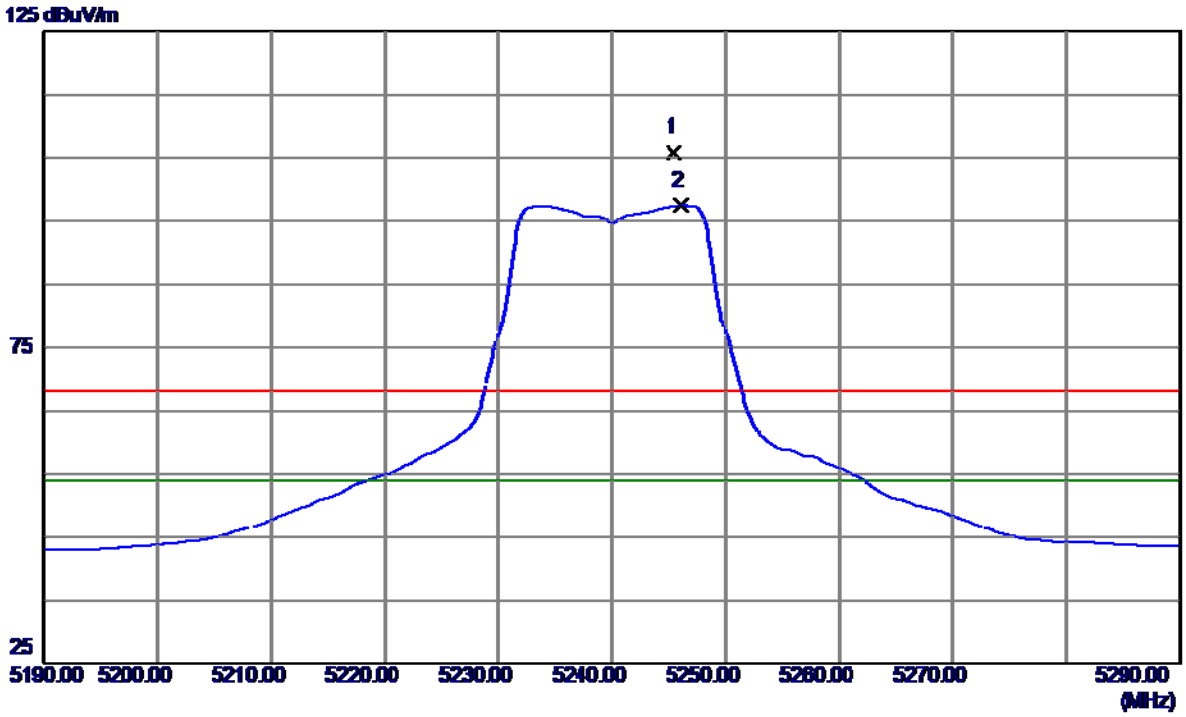
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.5839	33.06	17.44	50.50	68.30	-17.80	Peak	
2 *	10479.7350	20.80	17.44	38.24	54.00	-15.76	AVG	

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

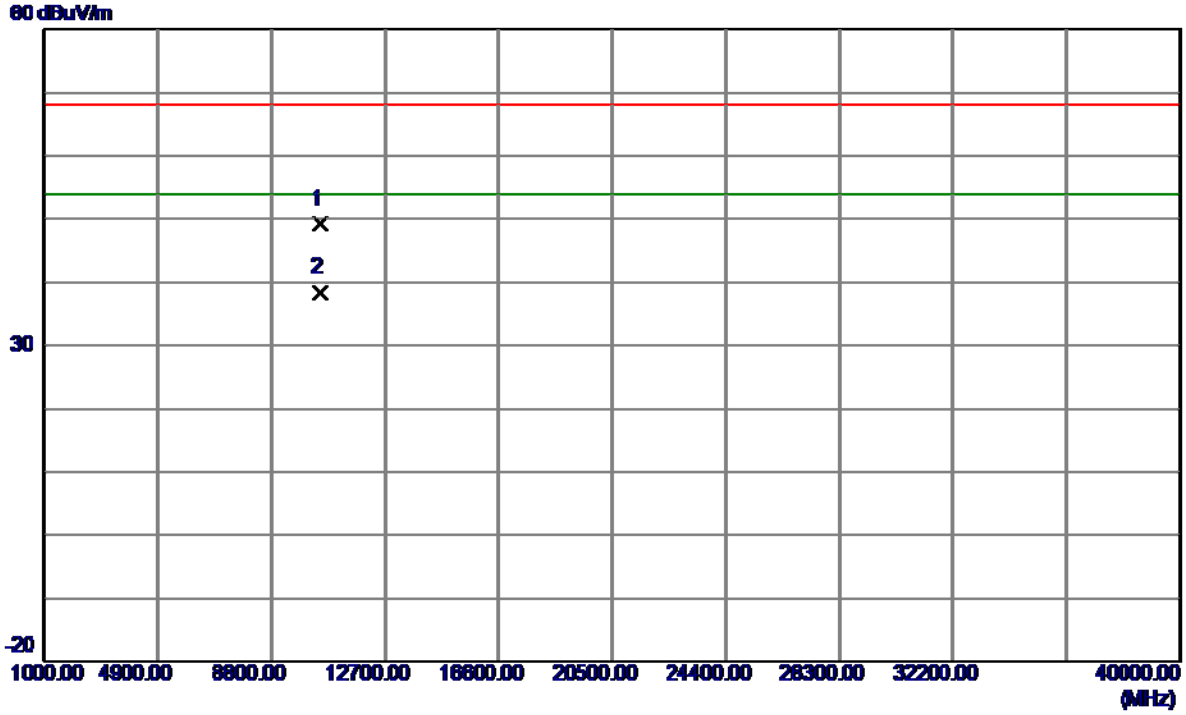
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5245.5000	64.20	41.59	105.79	68.30	37.49	Peak	No Limit
2 *	5246.1000	55.91	41.59	97.50	54.00	43.50	AVG	No Limit

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

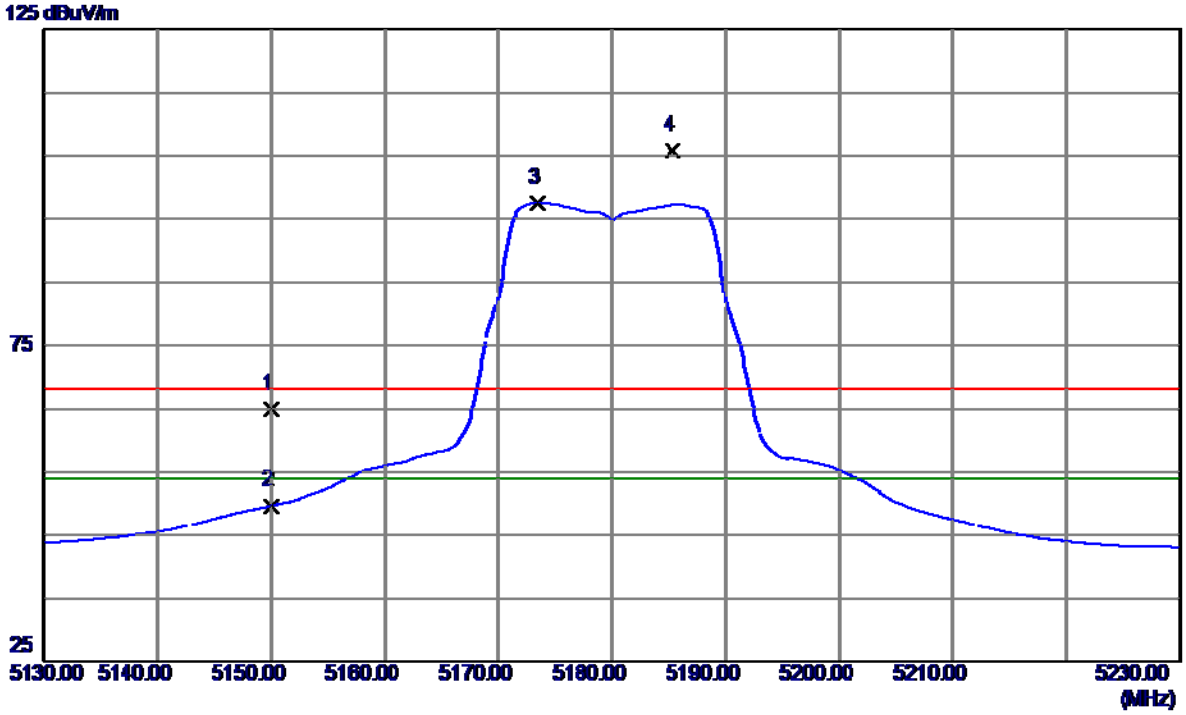
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.9880	31.71	17.44	49.15	68.30	-19.15	Peak	
2 *	10480.3480	20.92	17.44	38.36	54.00	-15.64	AVG	

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

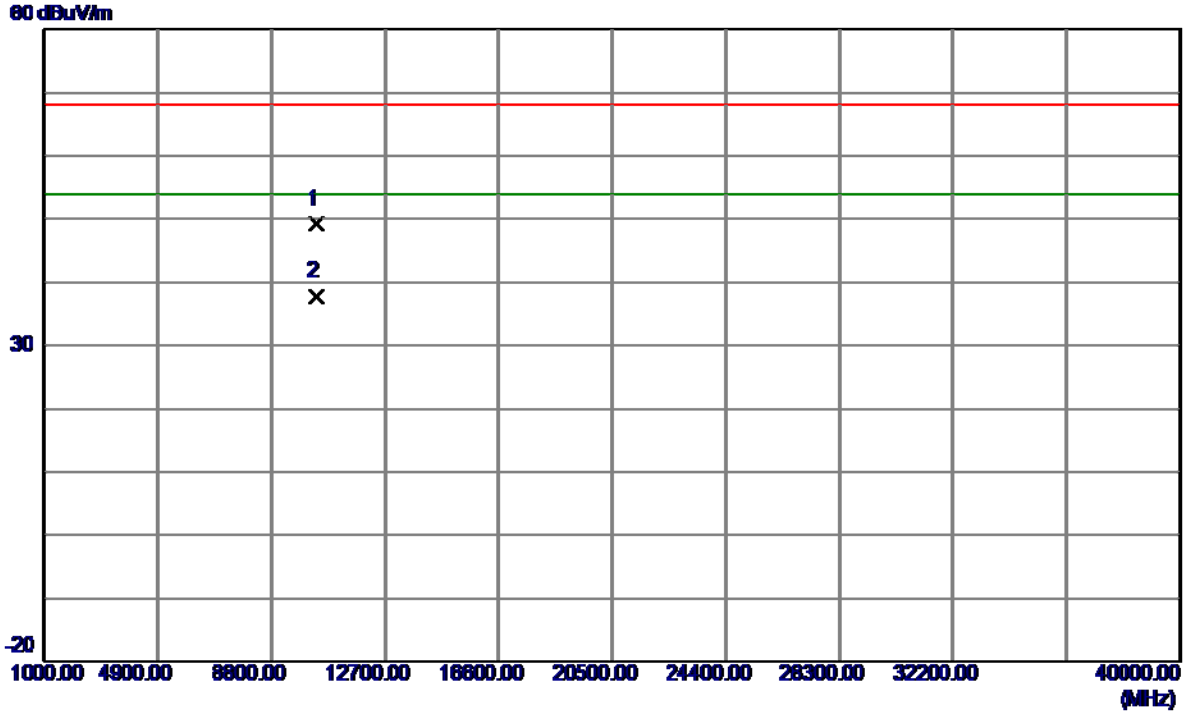
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.87	41.10	64.97	68.30	-3.33	Peak	
2	5150.0000	8.60	41.10	49.70	54.00	-4.30	AVG	
3 *	5173.4000	56.43	41.22	97.65	54.00	43.65	AVG	No Limit
4	5185.3000	64.54	41.28	105.82	68.30	37.52	Peak	No Limit

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

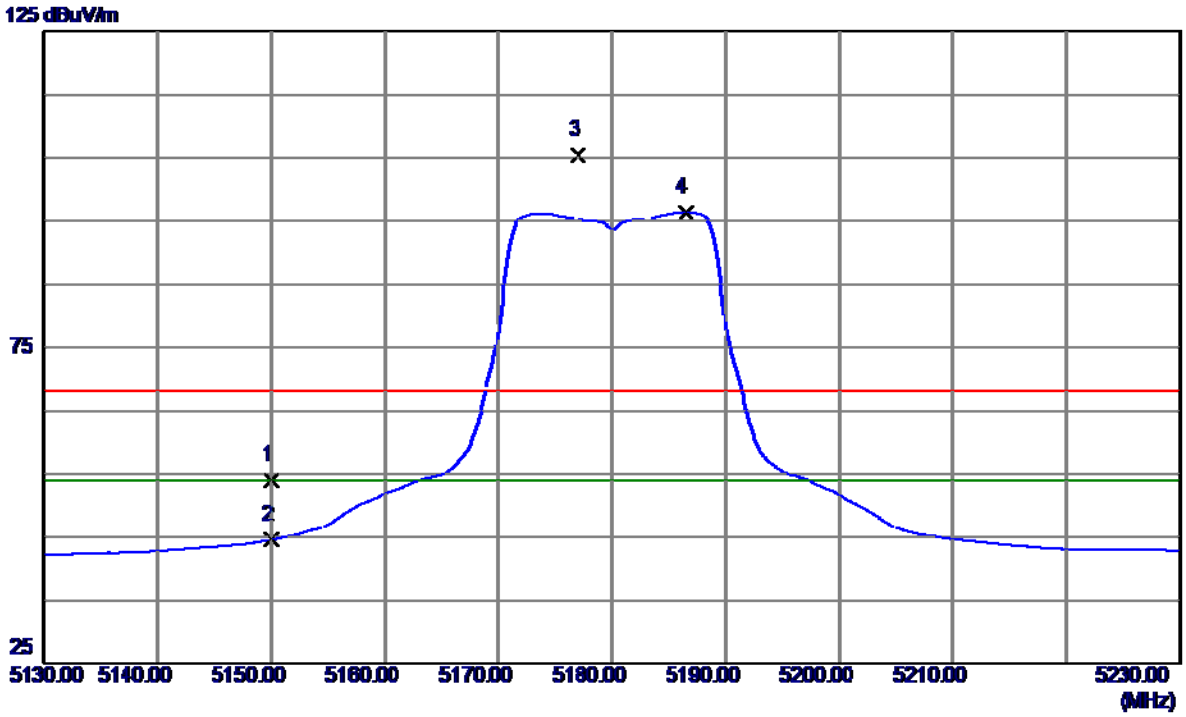
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.2920	32.08	17.11	49.19	68.30	-19.11	Peak	
2 *	10360.3880	20.69	17.11	37.80	54.00	-16.20	AVG	

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

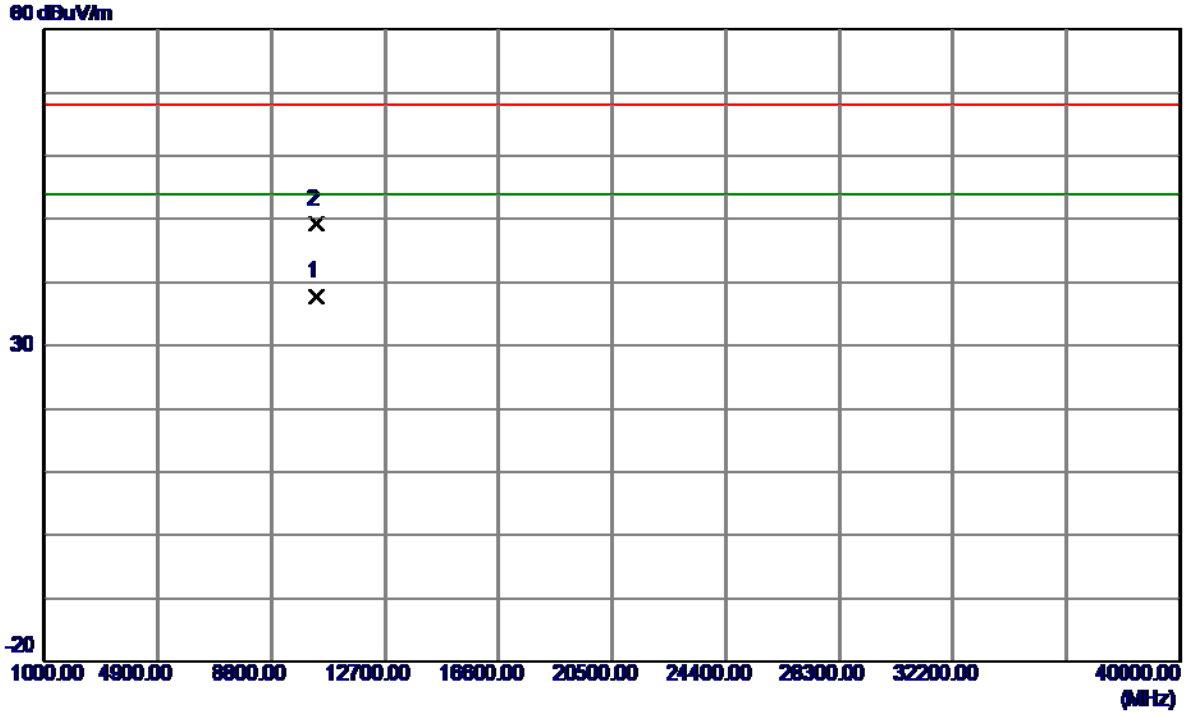
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.96	41.10	54.06	68.30	-14.24	Peak	
2	5150.0000	3.43	41.10	44.53	54.00	-9.47	AVG	
3	5177.0000	64.07	41.24	105.31	68.30	37.01	Peak	No Limit
4 *	5186.5000	55.13	41.29	96.42	54.00	42.42	AVG	No Limit

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

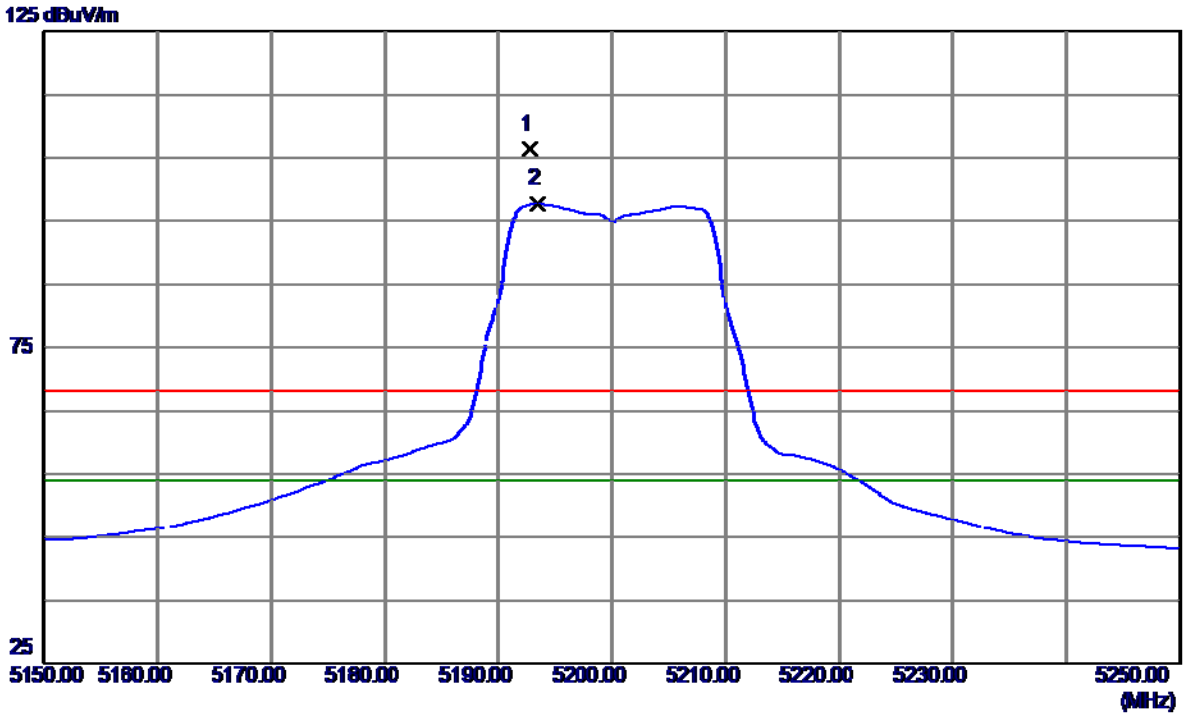
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.9080	20.69	17.10	37.79	54.00	-16.21	AVG	
2	10360.0660	32.05	17.11	49.16	68.30	-19.14	Peak	

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

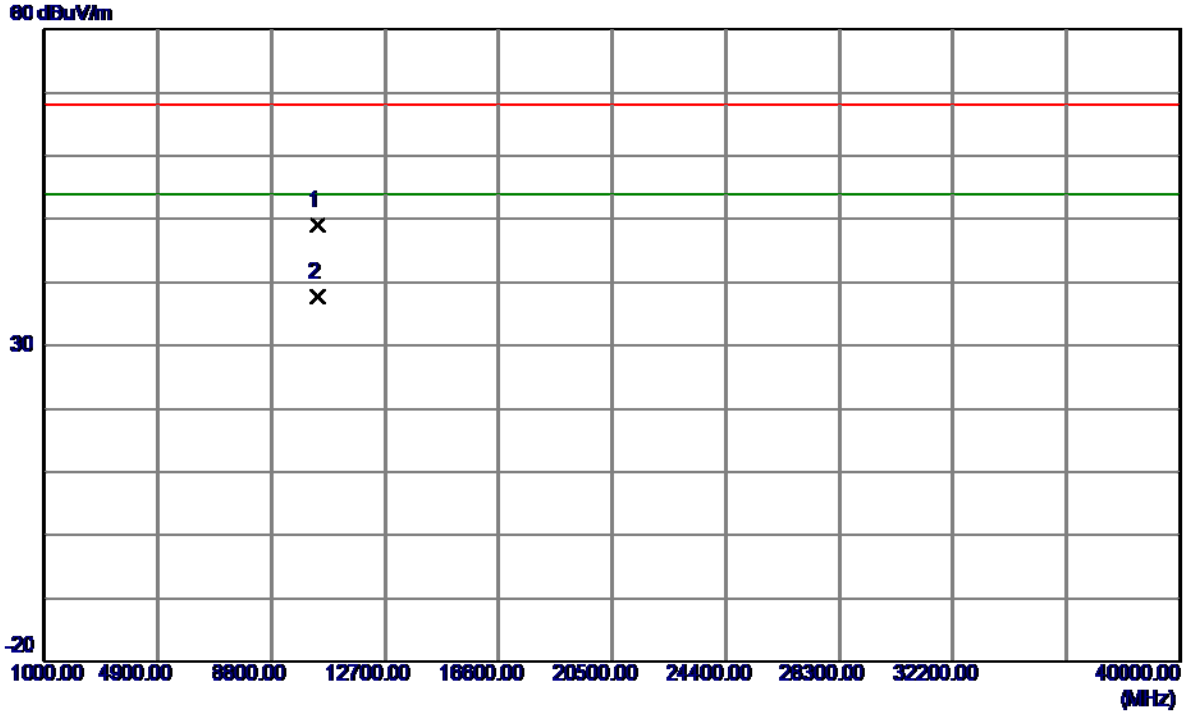
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.8000	64.98	41.32	106.30	68.30	38.00	Peak	No Limit
2 *	5193.4000	56.47	41.32	97.79	54.00	43.79	AVG	No Limit

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

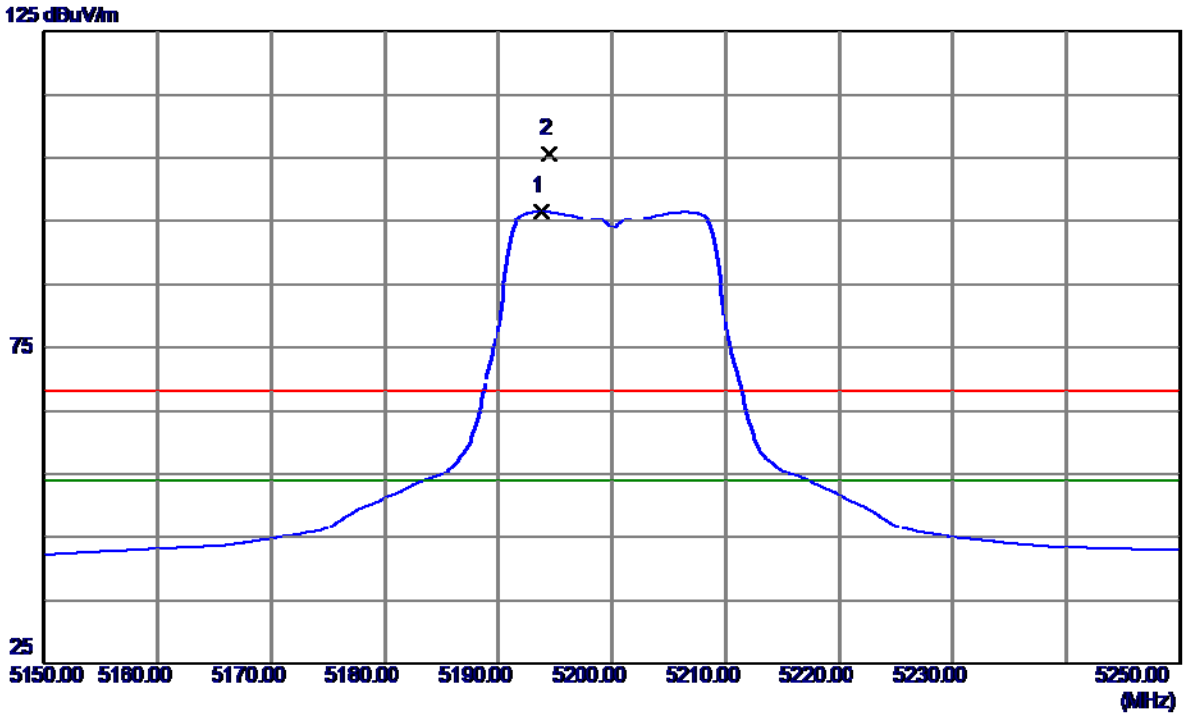
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.5690	31.75	17.22	48.97	68.30	-19.33	Peak	
2 *	10400.0100	20.48	17.22	37.70	54.00	-16.30	AVG	

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

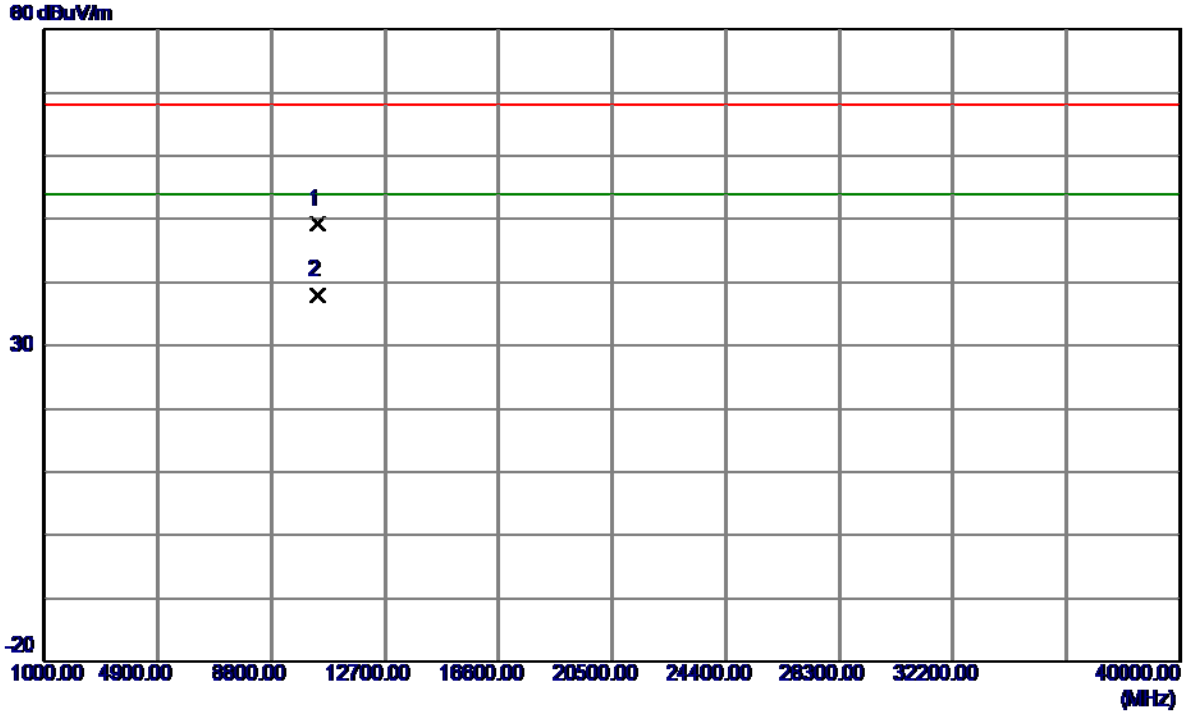
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.8000	55.28	41.32	96.60	54.00	42.60	AVG	No Limit
2	5194.4000	64.33	41.33	105.66	68.30	37.36	Peak	No Limit

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

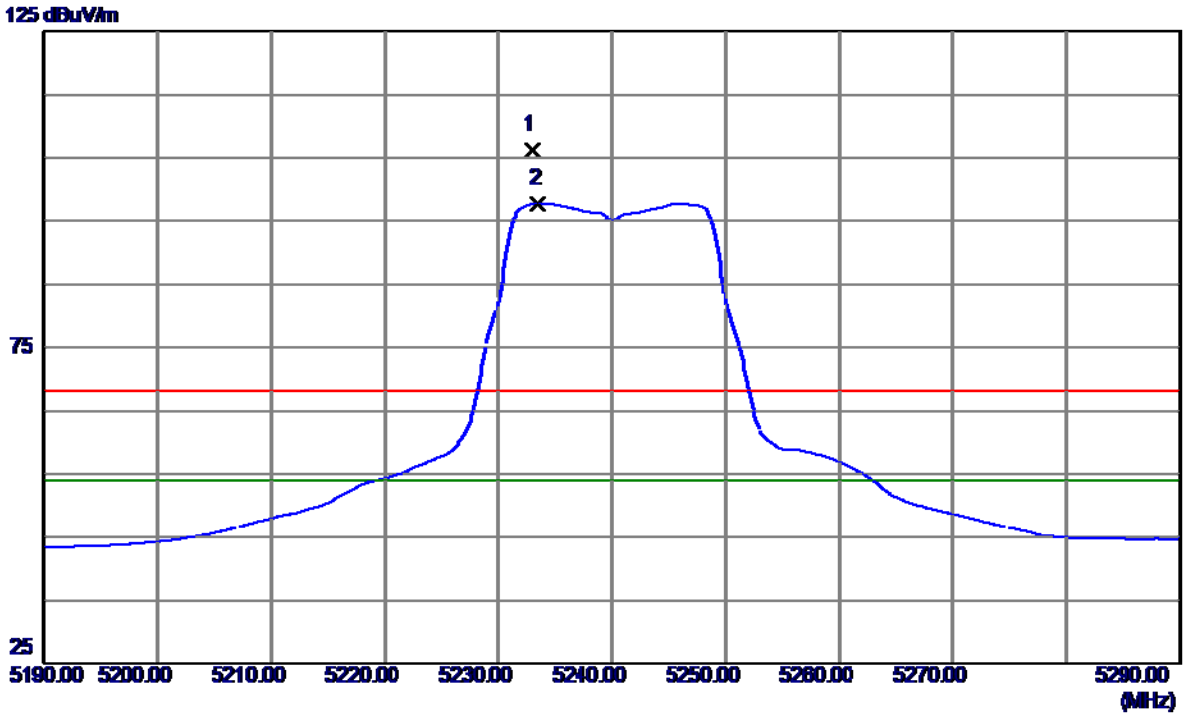
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.0640	32.00	17.22	49.22	68.30	-19.08	Peak	
2 *	10400.3110	20.73	17.22	37.95	54.00	-16.05	AVG	

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

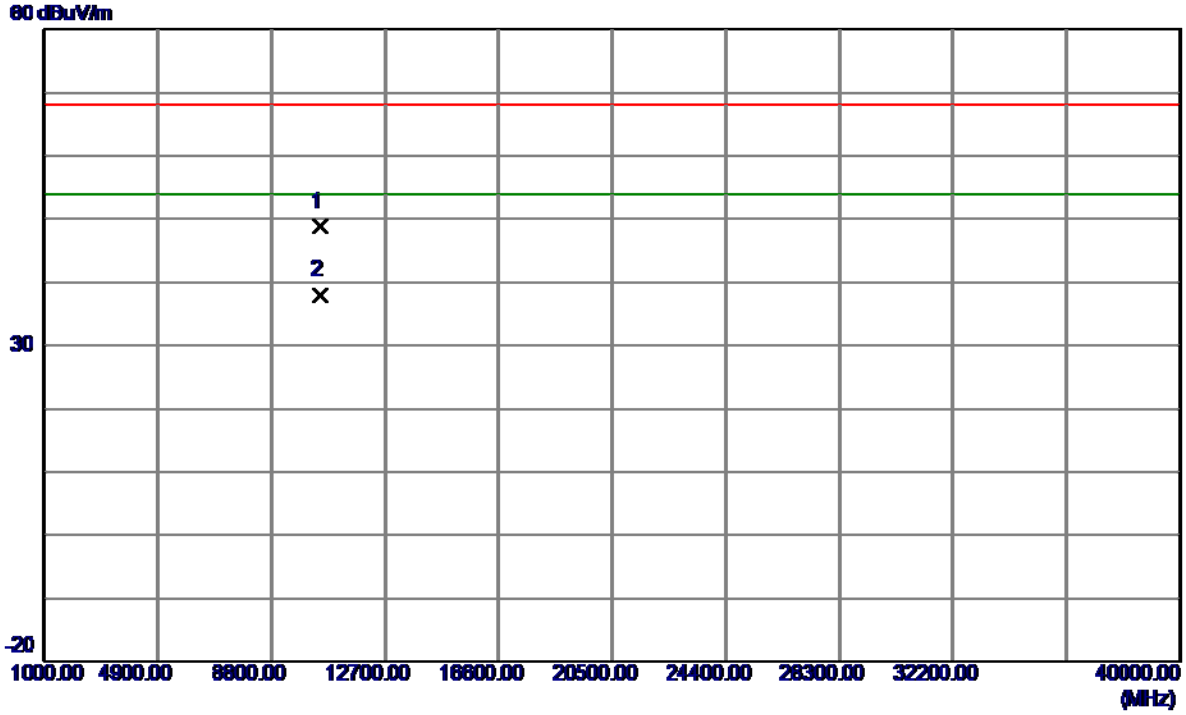
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.0000	64.73	41.52	106.25	68.30	37.95	Peak	No Limit
2 *	5233.5000	56.35	41.53	97.88	54.00	43.88	AVG	No Limit

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

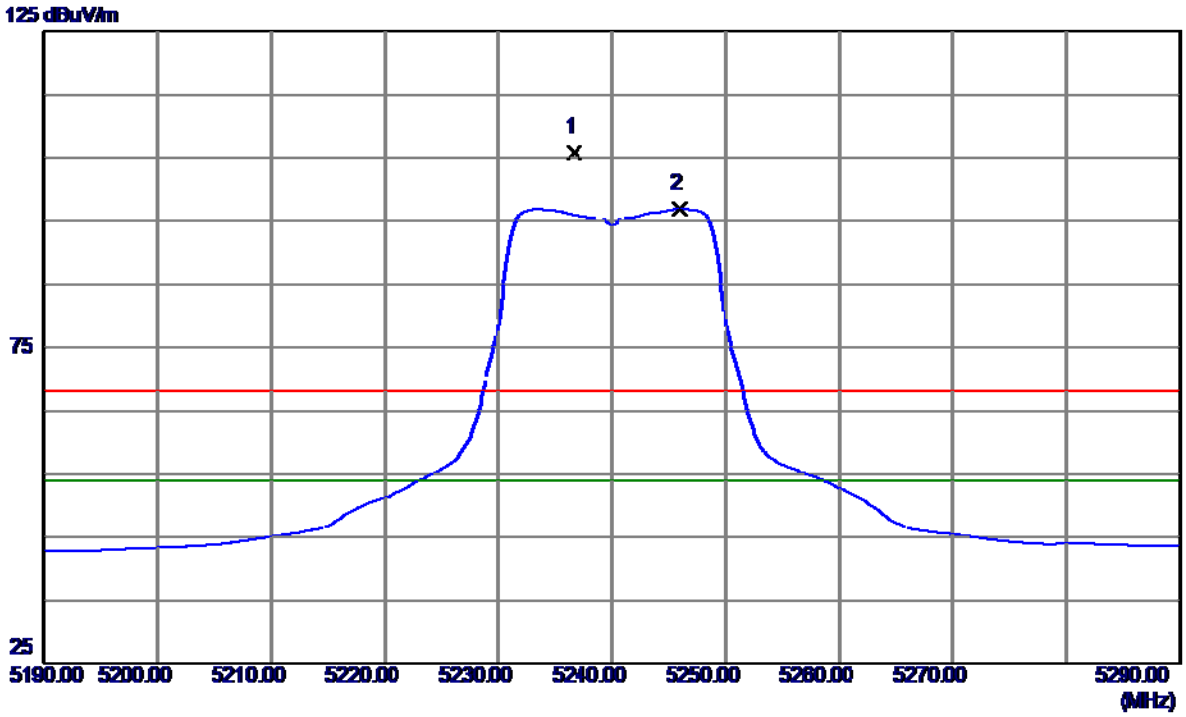
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.9330	31.41	17.44	48.85	68.30	-19.45	Peak	
2 *	10480.2100	20.62	17.44	38.06	54.00	-15.94	AVG	

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

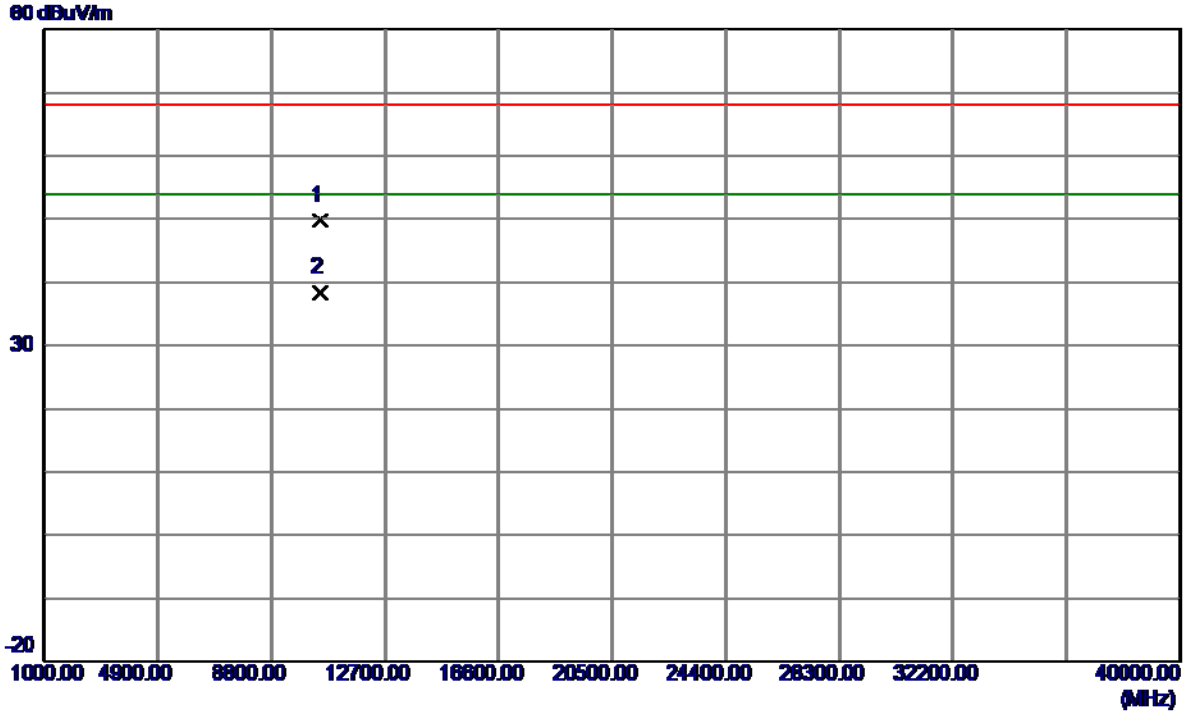
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.7000	64.32	41.54	105.86	68.30	37.56	Peak	No Limit
2 *	5246.0000	55.41	41.59	97.00	54.00	43.00	AVG	No Limit

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

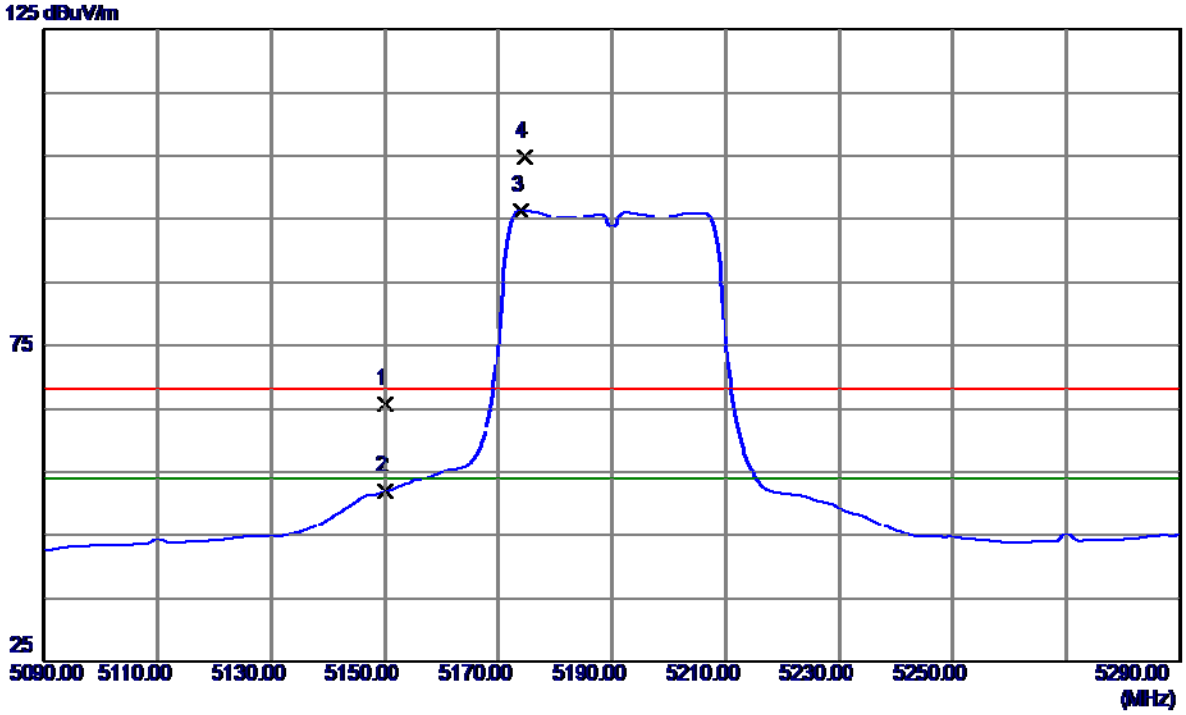
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.8650	32.33	17.44	49.77	68.30	-18.53	Peak	
2 *	10480.0530	20.91	17.44	38.35	54.00	-15.65	AVG	

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

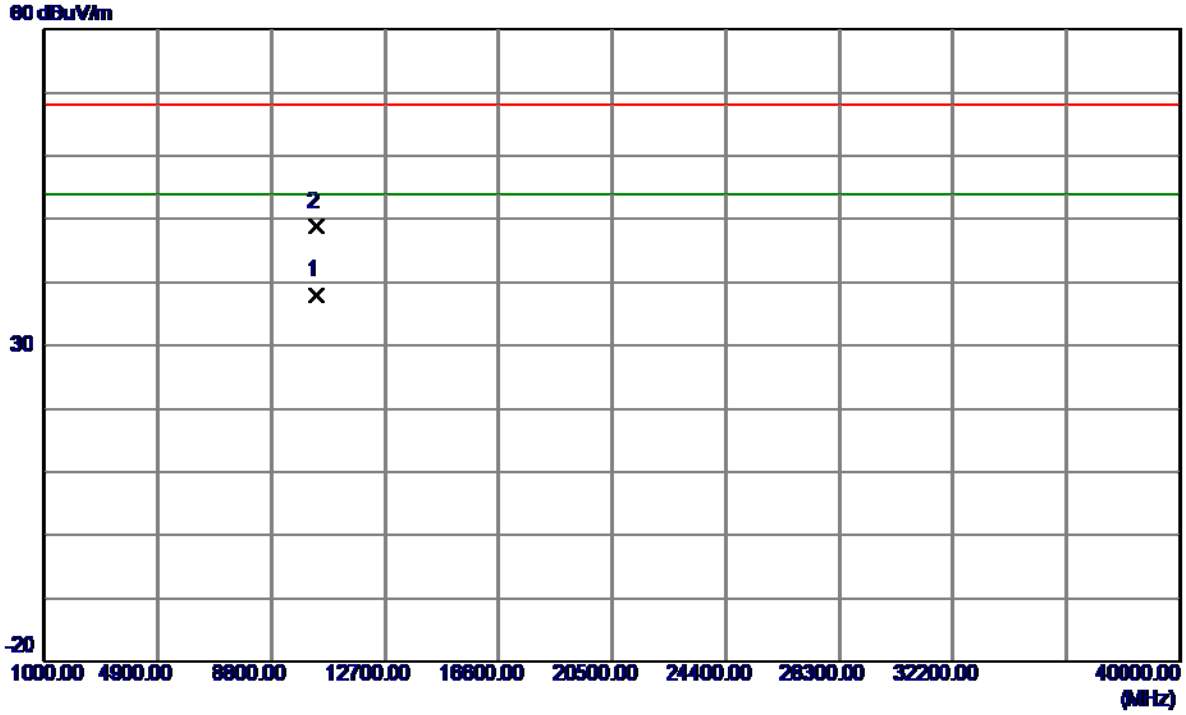
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.74	41.10	65.84	68.30	-2.46	Peak	
2	5150.0000	10.87	41.10	51.97	54.00	-2.03	AVG	
3 *	5174.0000	55.21	41.22	96.43	54.00	42.43	AVG	No Limit
4	5174.6000	63.50	41.23	104.73	68.30	36.43	Peak	No Limit

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

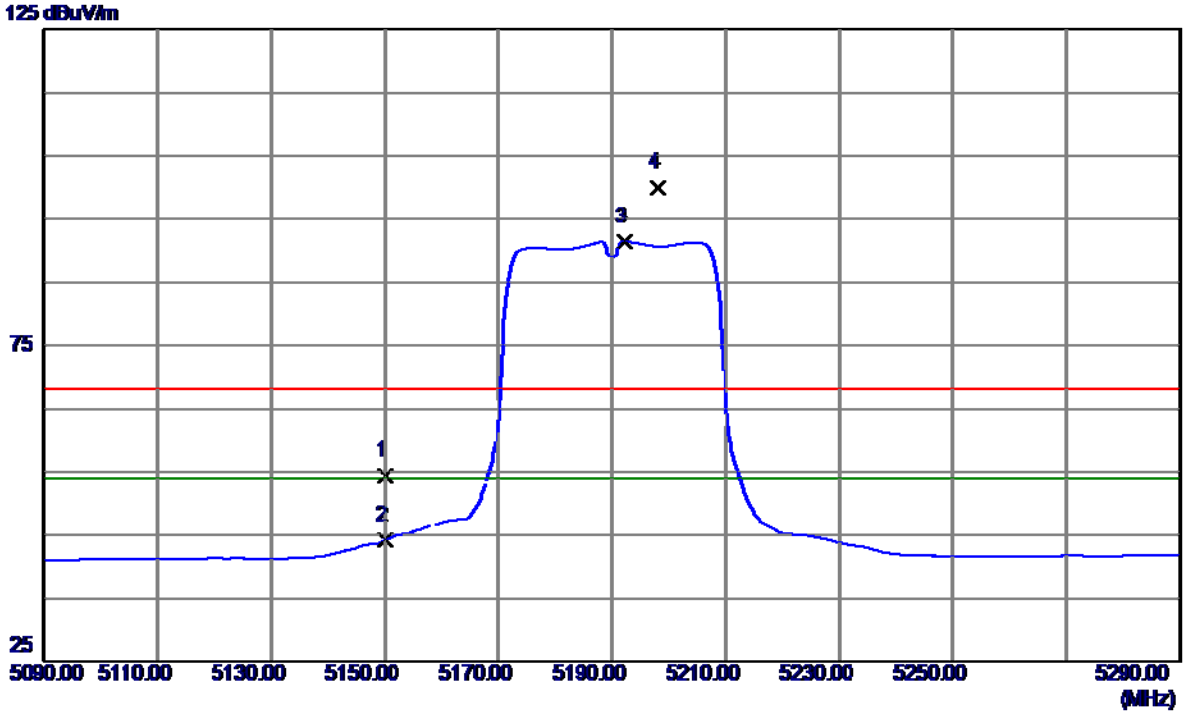
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.9029	20.81	17.16	37.97	54.00	-16.03	AVG	
2	10380.0250	31.70	17.16	48.86	68.30	-19.44	Peak	

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

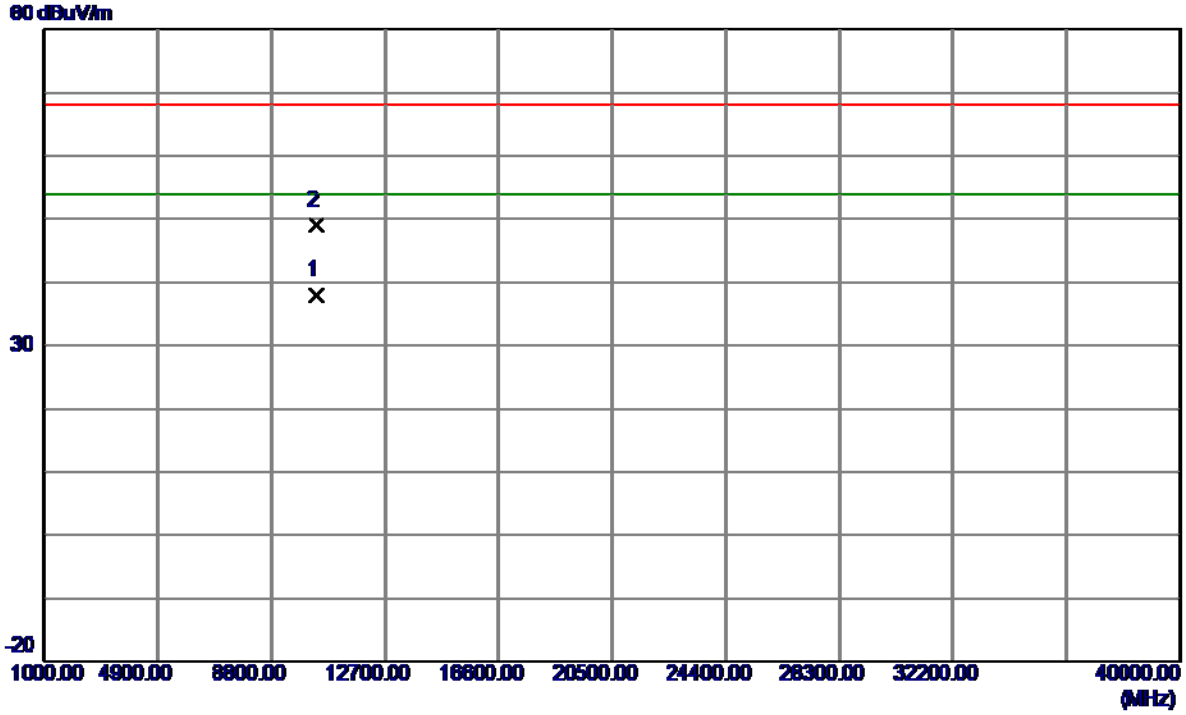
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.39	41.10	54.49	68.30	-13.81	Peak	
2	5150.0000	3.12	41.10	44.22	54.00	-9.78	AVG	
3 *	5192.2000	50.15	41.32	91.47	54.00	37.47	AVG	No Limit
4	5198.0000	58.58	41.35	99.93	68.30	31.63	Peak	No Limit

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

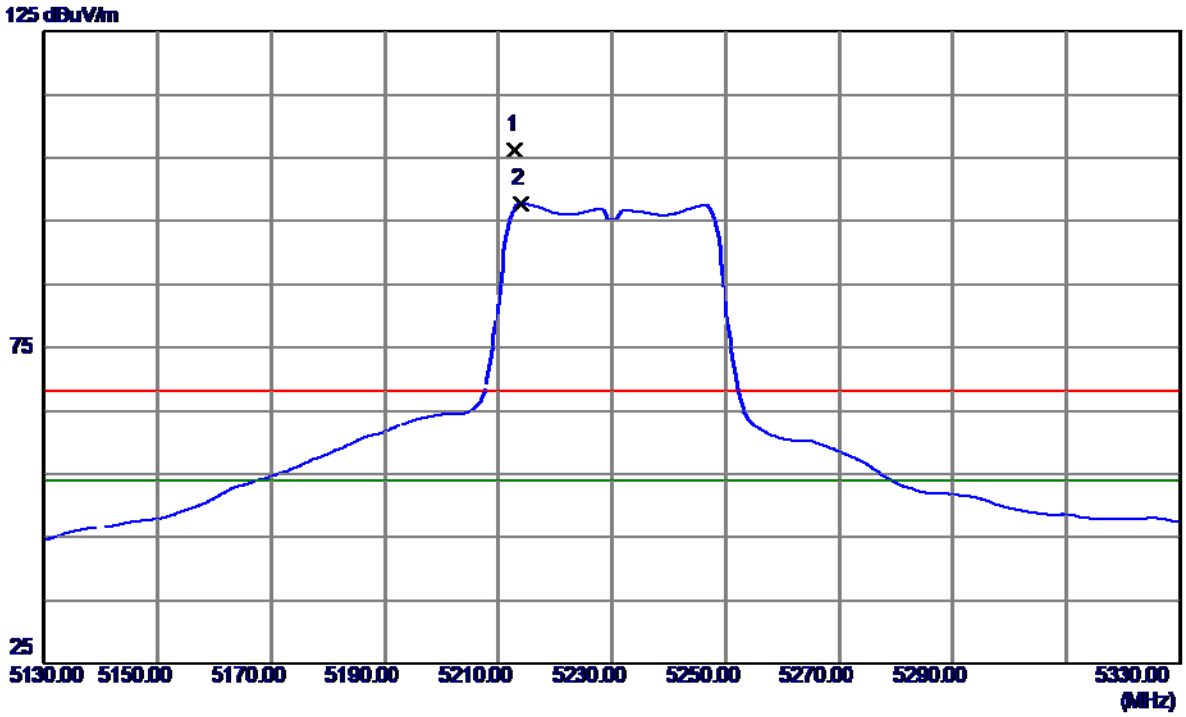
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.7500	20.85	17.16	38.01	54.00	-15.99	AVG	
2	10380.1360	31.81	17.16	48.97	68.30	-19.33	Peak	

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

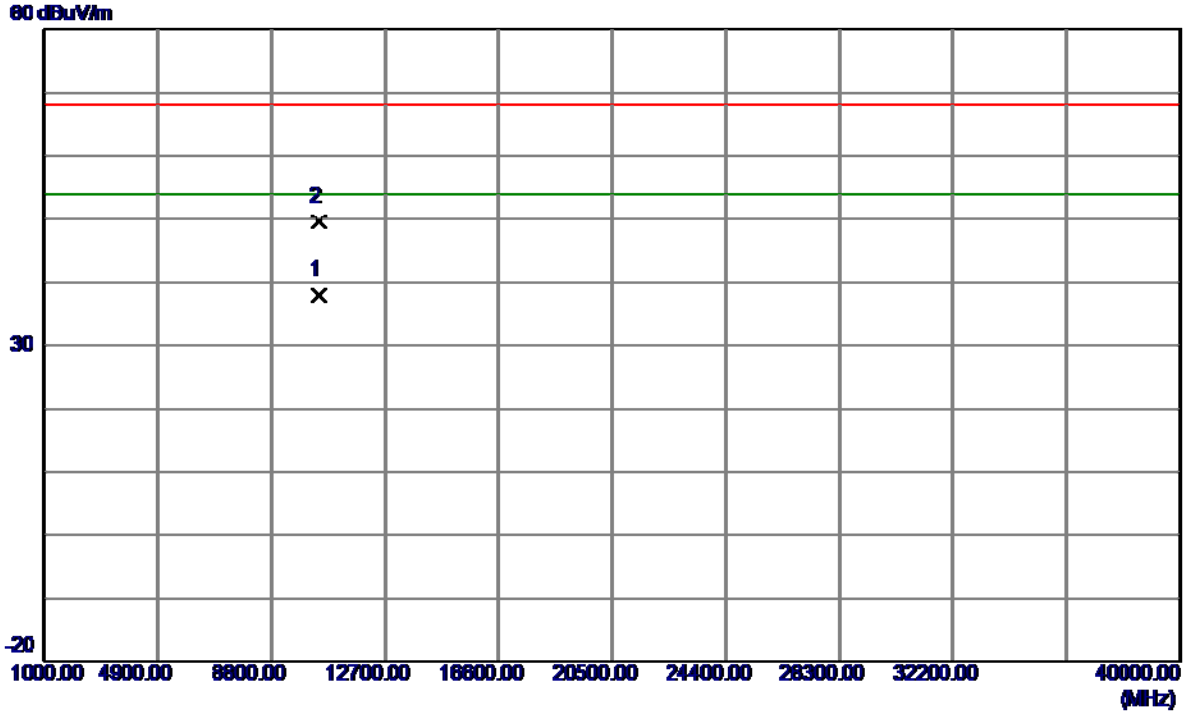
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5213.0000	64.70	41.42	106.12	68.30	37.82	Peak	No Limit
2 *	5214.0000	56.36	41.43	97.79	54.00	43.79	AVG	No Limit

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

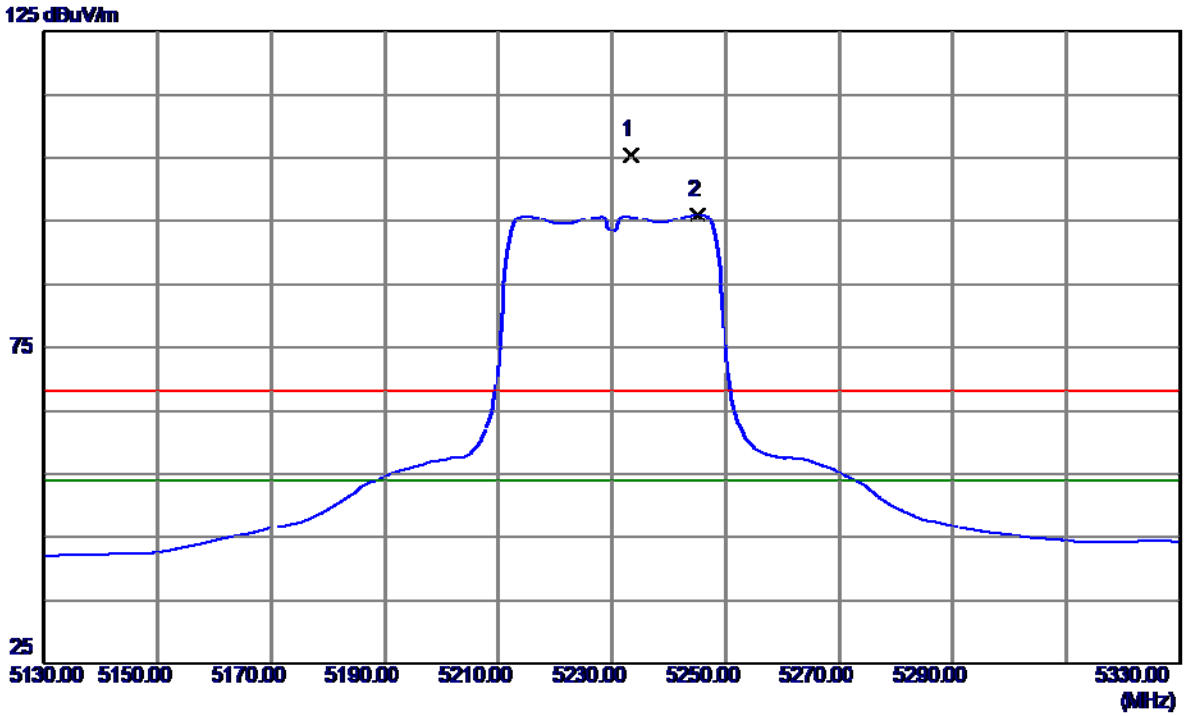
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.2850	20.54	17.39	37.93	54.00	-16.07	AVG	
2	10460.4600	32.24	17.39	49.63	68.30	-18.67	Peak	

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

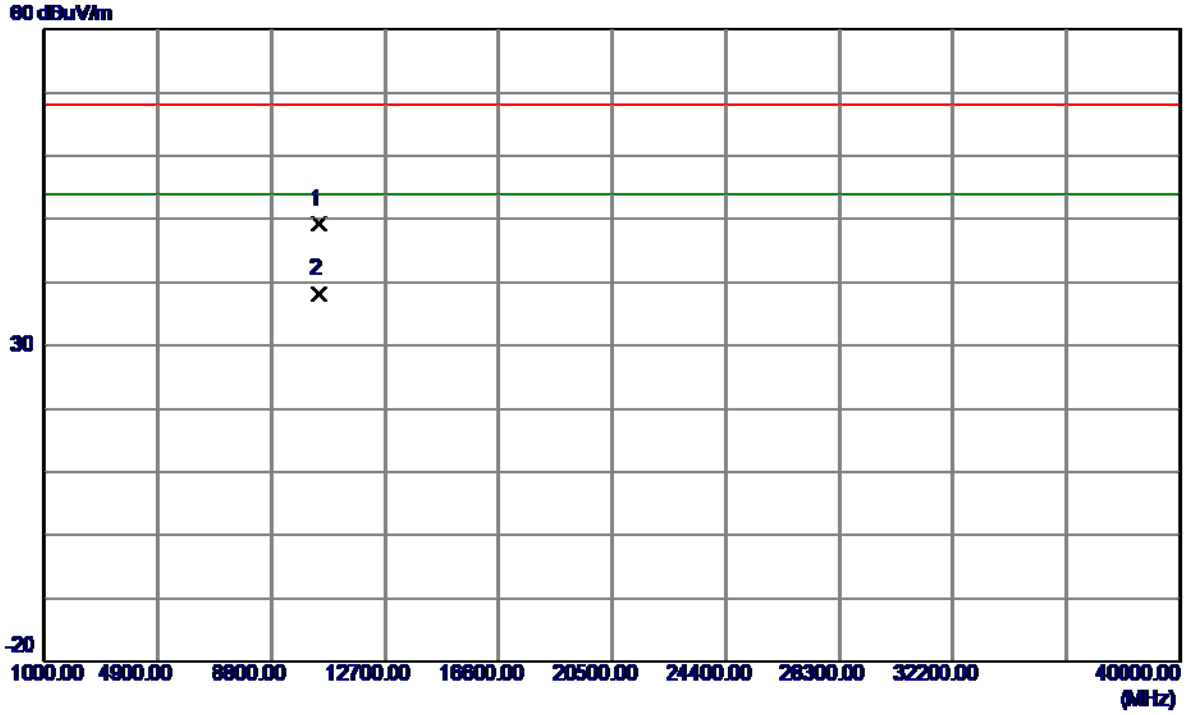
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.4000	63.89	41.53	105.42	68.30	37.12	Peak	No Limit
2 *	5245.2000	54.45	41.59	96.04	54.00	42.04	AVG	No Limit

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

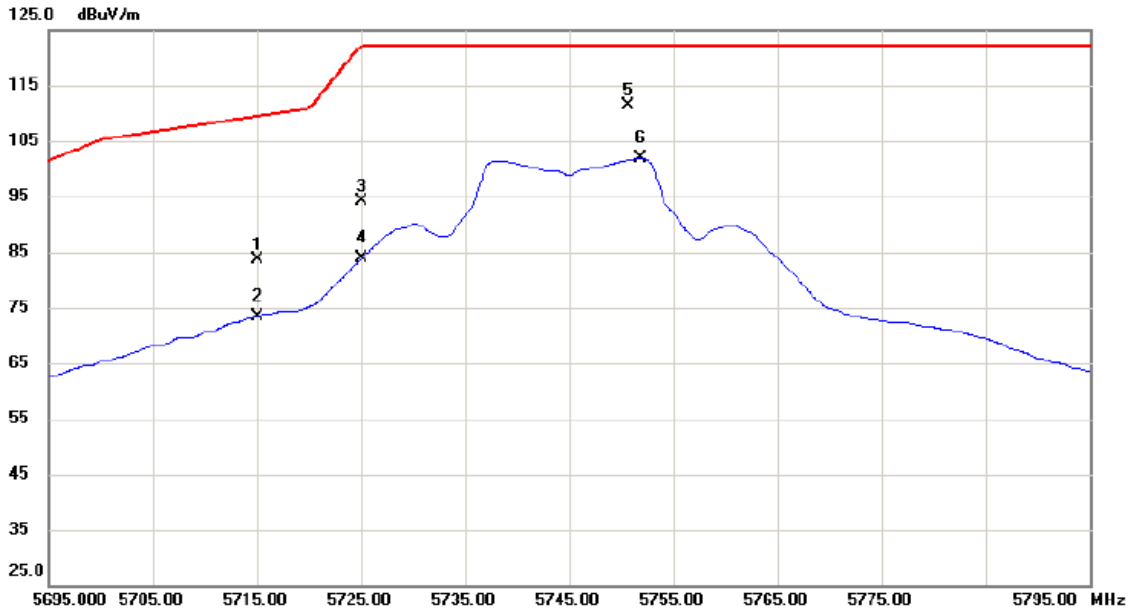
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10459.7900	31.76	17.39	49.15	68.30	-19.15	Peak	
2 *	10460.0540	20.76	17.39	38.15	54.00	-15.85	AVG	

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

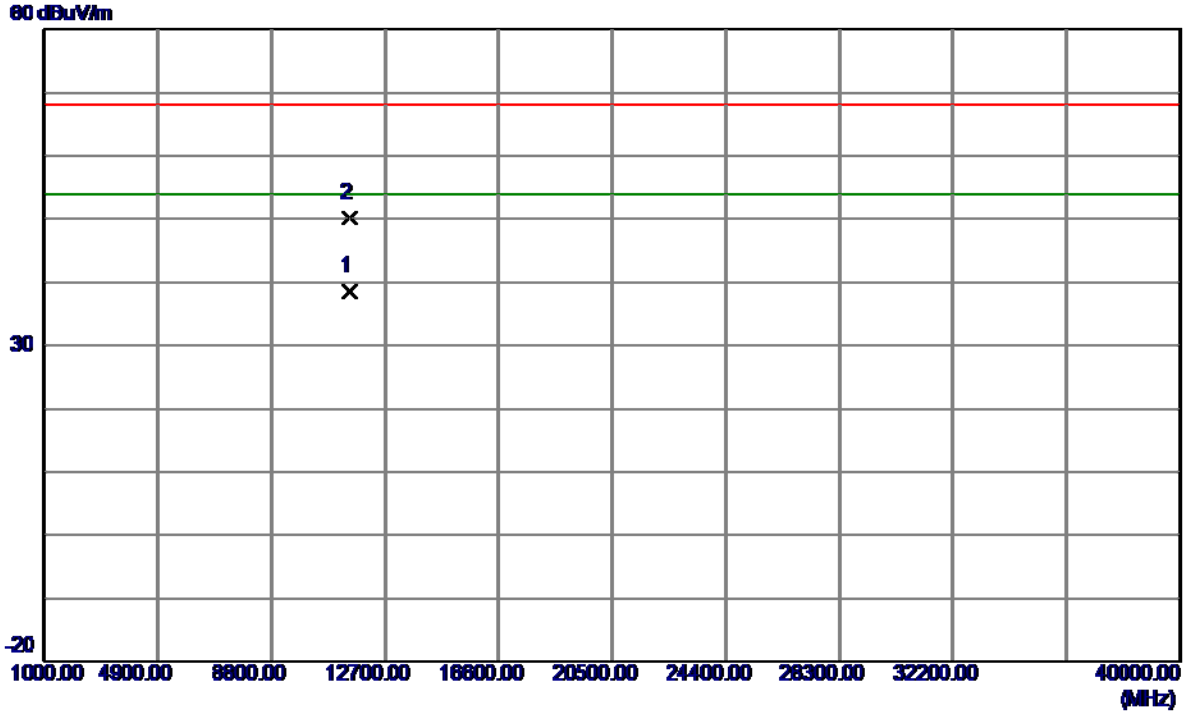
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	40.03	43.53	83.56	109.40	-25.84	peak	
2		5715.000	29.94	43.53	73.47	109.40	-35.93	AVG	
3		5725.000	50.55	43.55	94.10	122.20	-28.10	peak	
4		5725.000	40.21	43.55	83.76	122.20	-38.44	AVG	
5	*	5750.600	67.82	43.64	111.46	122.20	-10.74	peak	
6		5751.800	58.20	43.64	101.84	122.20	-20.36	AVG	

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

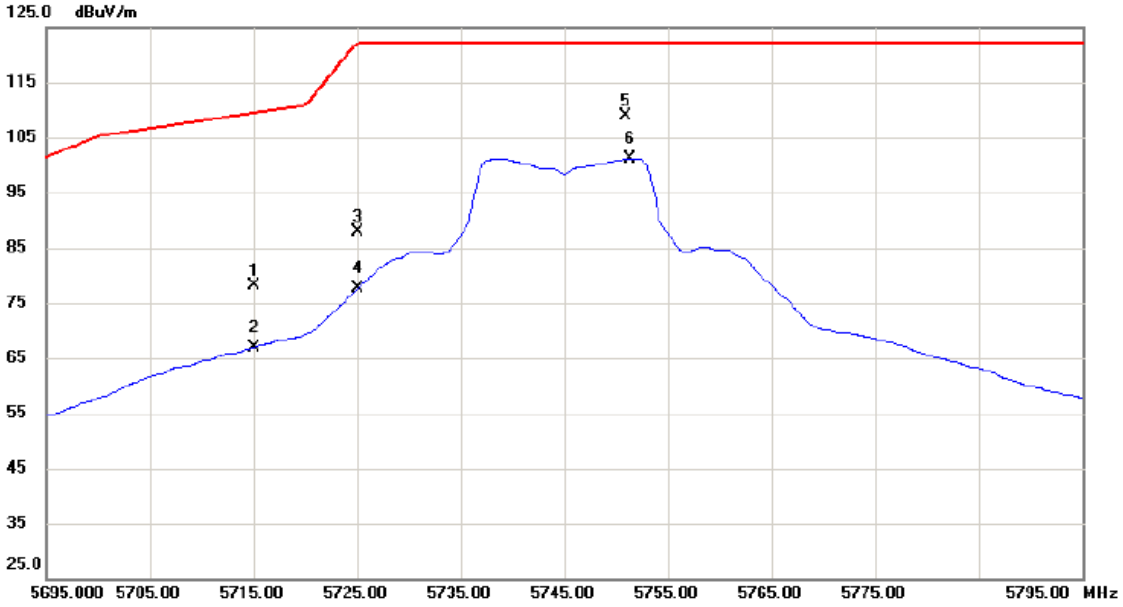
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11489.9540	20.31	18.20	38.51	54.00	-15.49	AVG	
2	11490.1849	32.04	18.20	50.24	68.30	-18.06	Peak	

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

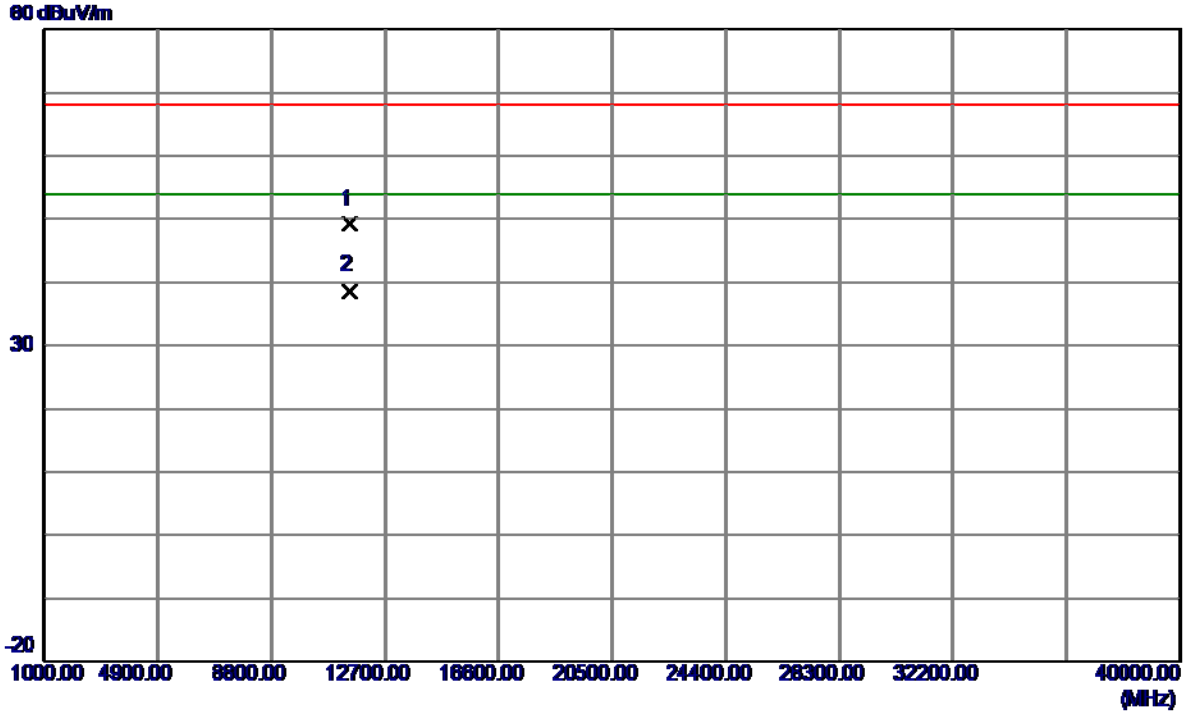
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	34.70	43.53	78.23	109.40	-31.17	peak	
2		5715.000	23.38	43.53	66.91	109.40	-42.49	AVG	
3		5725.000	44.44	43.55	87.99	122.20	-34.21	peak	
4		5725.000	33.99	43.55	77.54	122.20	-44.66	AVG	
5	*	5750.900	65.13	43.64	108.77	122.20	-13.43	peak	
6		5751.400	57.49	43.64	101.13	122.20	-21.07	AVG	

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

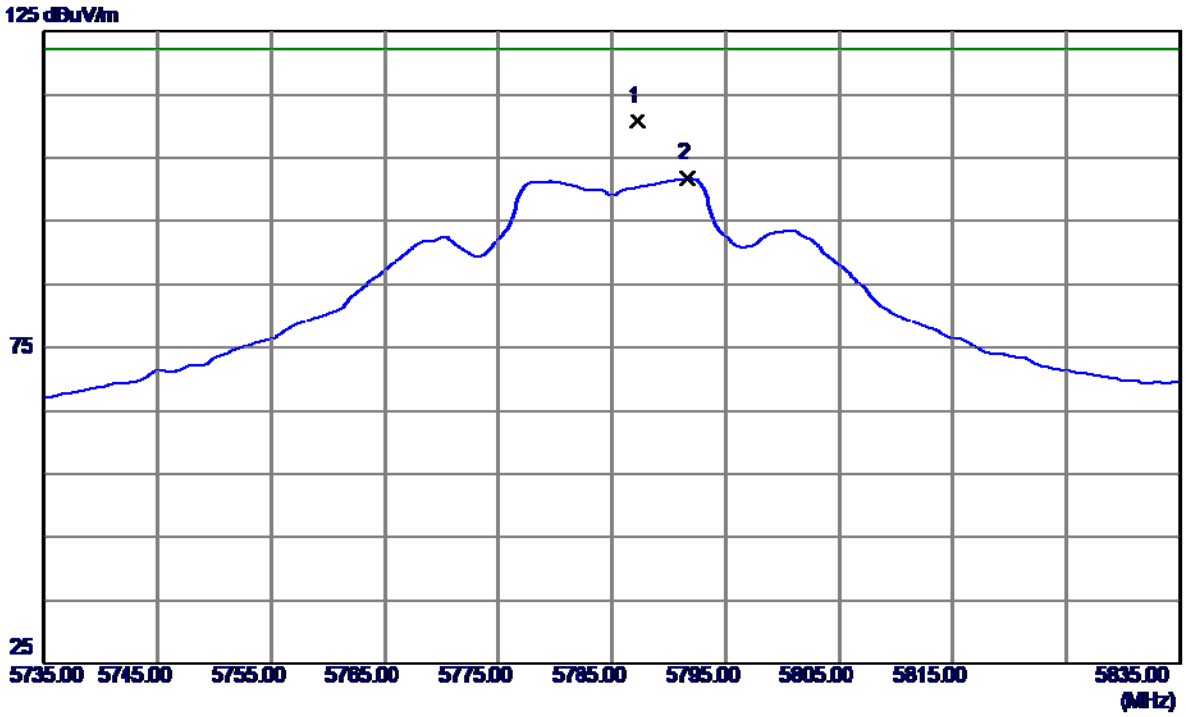
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.9460	30.96	18.20	49.16	68.30	-19.14	Peak	
2 *	11489.9460	20.50	18.20	38.70	54.00	-15.30	AVG	

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

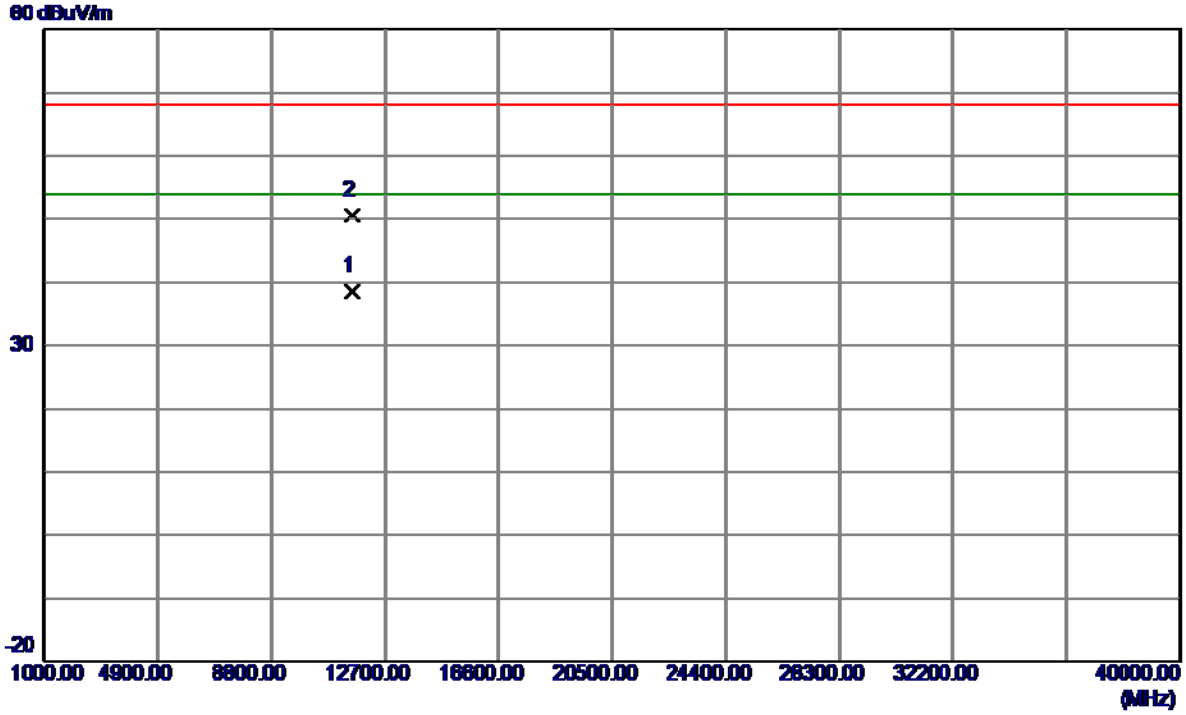
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.2000	67.02	43.75	110.77	122.20	-11.43	Peak	
2	5791.7000	57.96	43.76	101.72	122.20	-20.48	AVG	

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

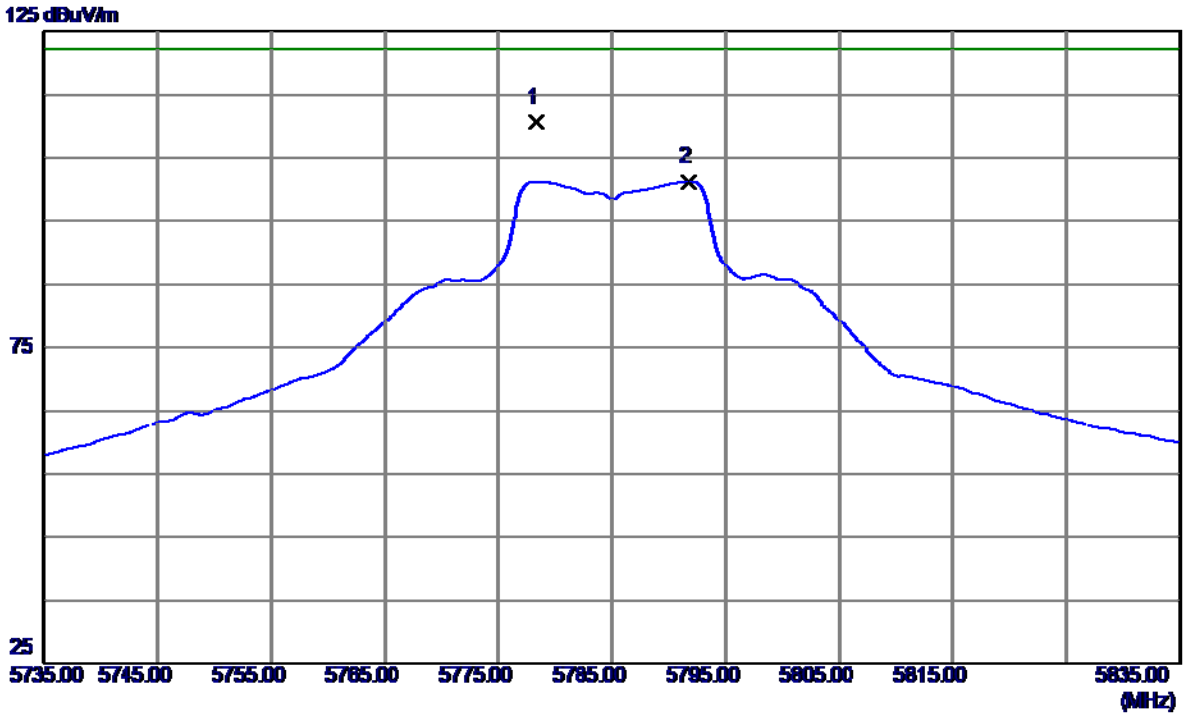
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.0590	20.33	18.20	38.53	54.00	-15.47	AVG	
2	11570.1210	32.43	18.20	50.63	68.30	-17.67	Peak	

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

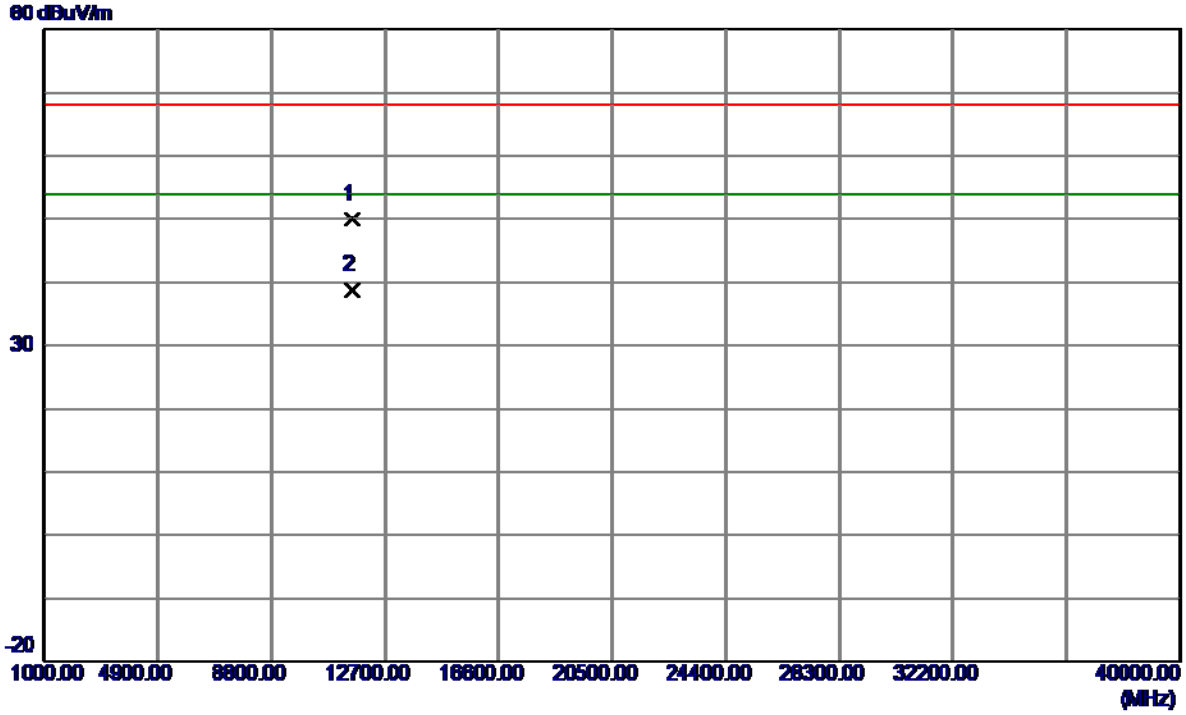
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5778.3000	66.81	43.72	110.53	122.20	-11.67	Peak	
2	5791.8000	57.50	43.76	101.26	122.20	-20.94	AVG	

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

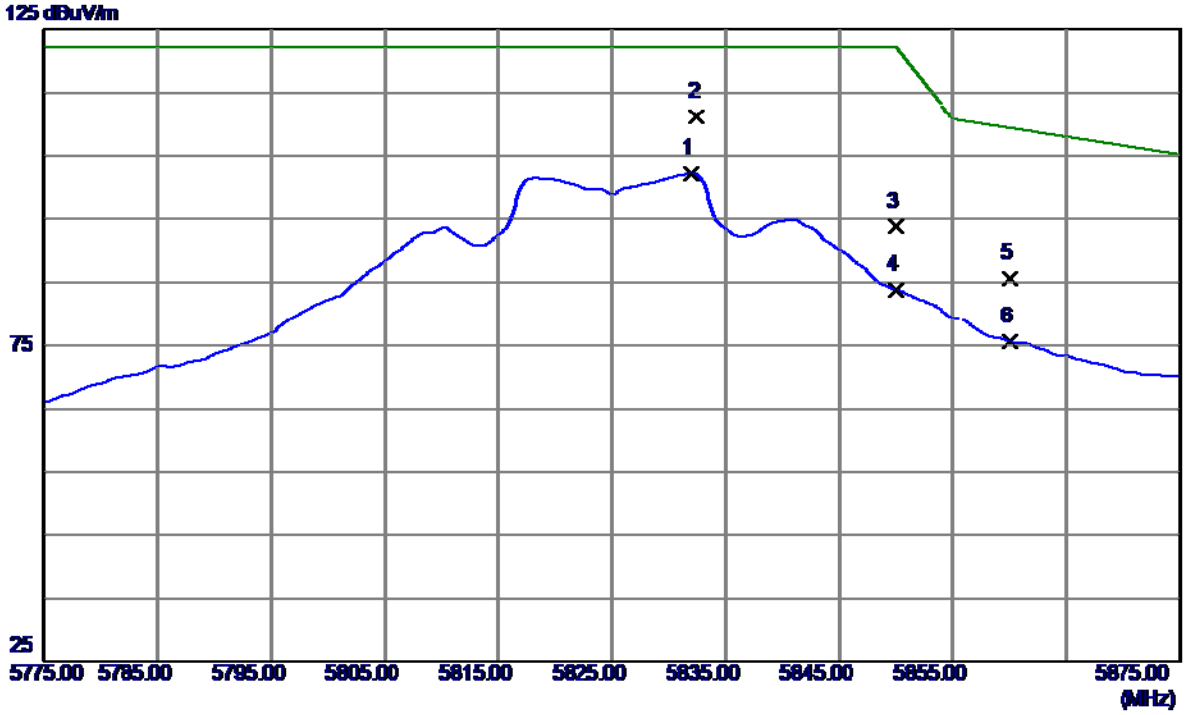
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.8949	31.80	18.20	50.00	68.30	-18.30	Peak	
2 *	11569.9230	20.60	18.20	38.80	54.00	-15.20	AVG	

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

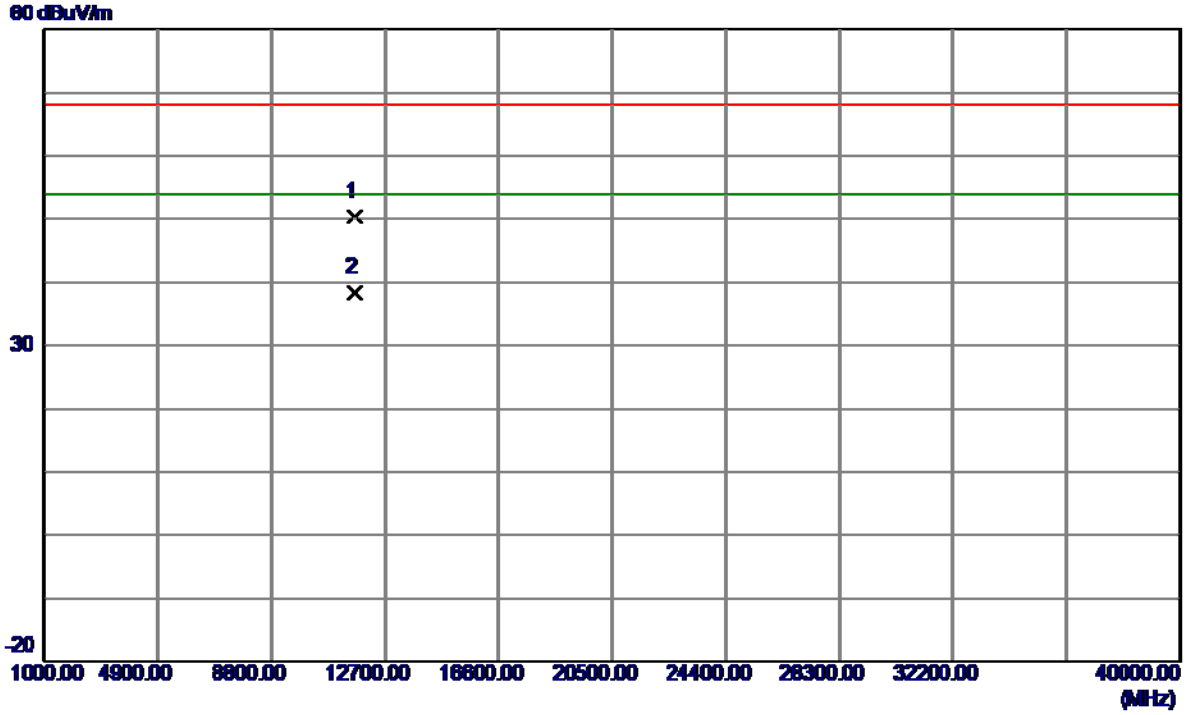
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5832.0000	58.33	43.88	102.21	122.20	-19.99	AVG	
2 *	5832.5000	67.41	43.88	111.29	122.20	-10.91	Peak	
3	5850.0000	49.93	43.94	93.87	122.20	-28.33	Peak	
4	5850.0000	39.89	43.94	83.83	122.20	-38.37	AVG	
5	5860.0000	41.70	43.97	85.67	109.40	-23.73	Peak	
6	5860.0000	31.64	43.97	75.61	109.40	-33.79	AVG	

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

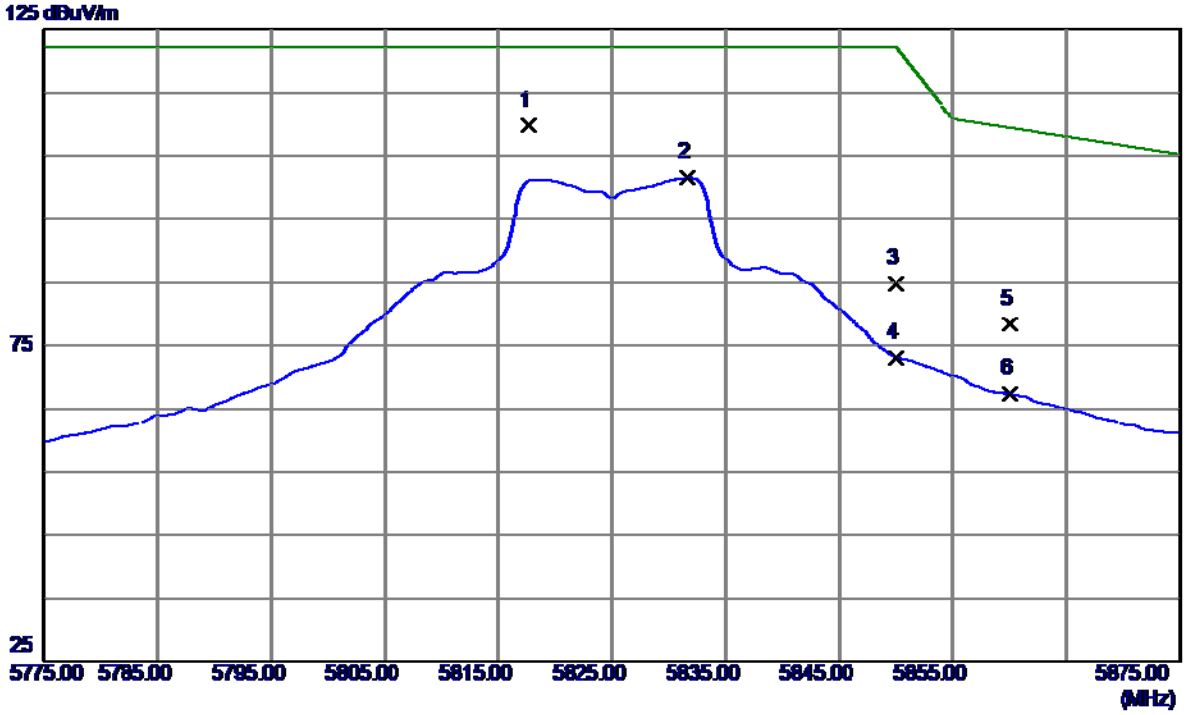
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.8750	32.16	18.17	50.33	68.30	-17.97	Peak	
2 *	11650.0560	20.17	18.17	38.34	54.00	-15.66	AVG	

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

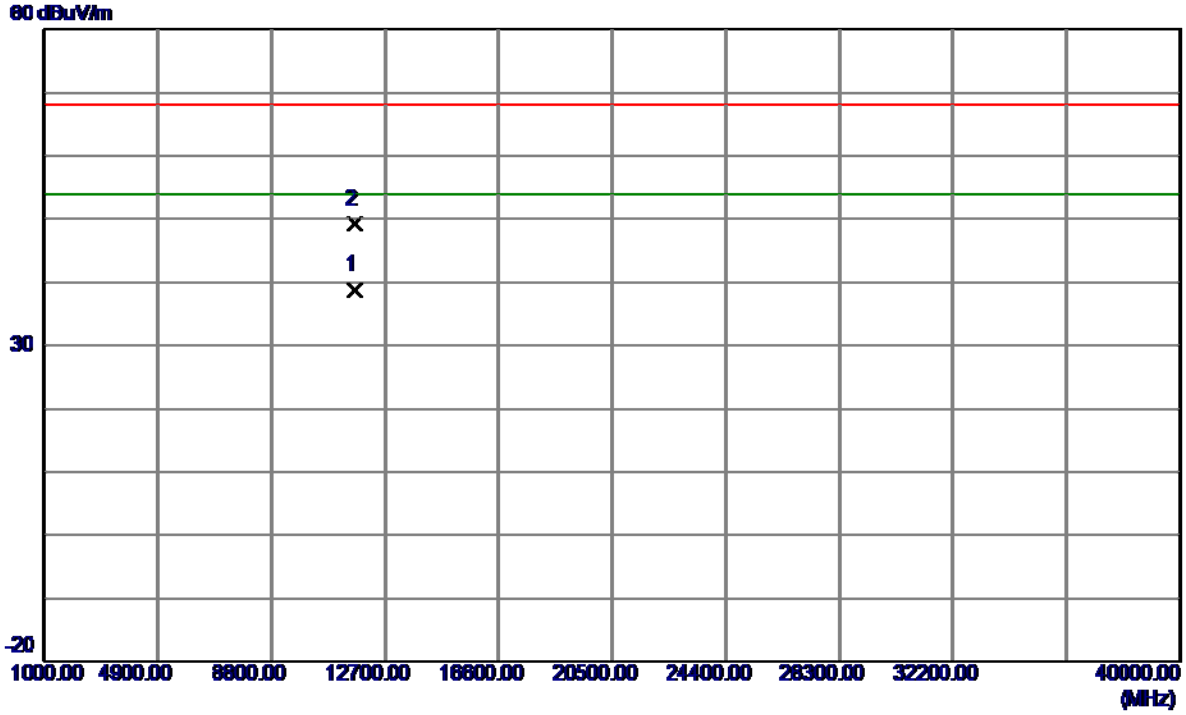
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5817.7000	66.02	43.84	109.86	122.20	-12.34	Peak	
2	5831.7000	57.64	43.88	101.52	122.20	-20.68	AVG	
3	5850.0000	40.77	43.94	84.71	122.20	-37.49	Peak	
4	5850.0000	29.10	43.94	73.04	122.20	-49.16	AVG	
5	5860.0000	34.48	43.97	78.45	109.40	-30.95	Peak	
6	5860.0000	23.36	43.97	67.33	109.40	-42.07	AVG	

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

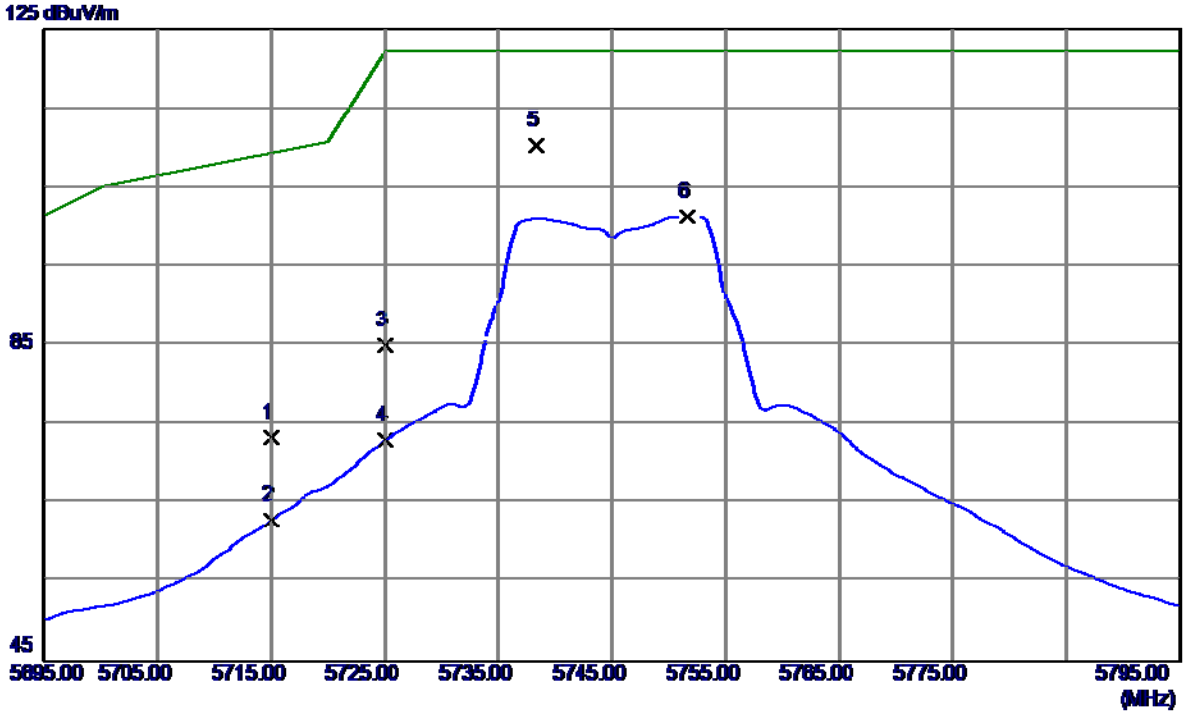
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.0260	20.60	18.17	38.77	54.00	-15.23	AVG	
2	11650.0759	31.05	18.17	49.22	68.30	-19.08	Peak	

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

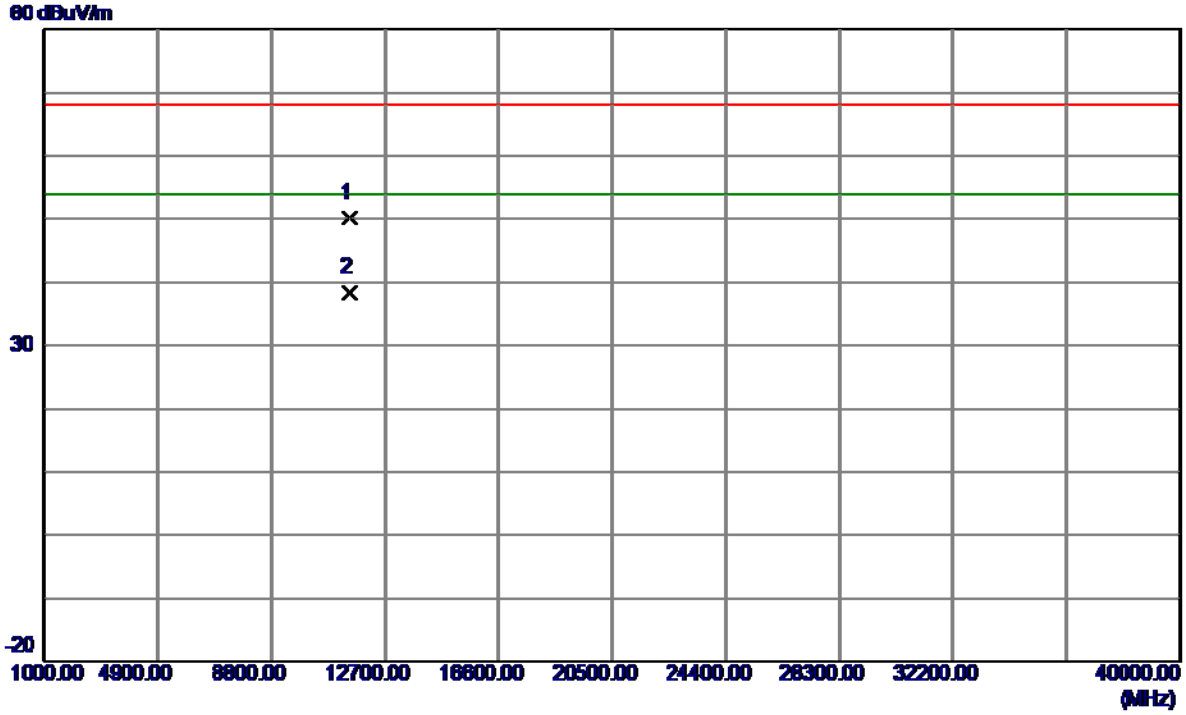
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	29.72	43.53	73.25	109.40	-36.15	Peak	
2	5715.0000	19.45	43.53	62.98	109.40	-46.42	AVG	
3	5725.0000	41.44	43.56	85.00	122.20	-37.20	Peak	
4	5725.0000	29.42	43.56	72.98	122.20	-49.22	AVG	
5 *	5738.3000	66.65	43.60	110.25	122.20	-11.95	Peak	
6	5751.7000	57.68	43.64	101.32	122.20	-20.88	AVG	

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

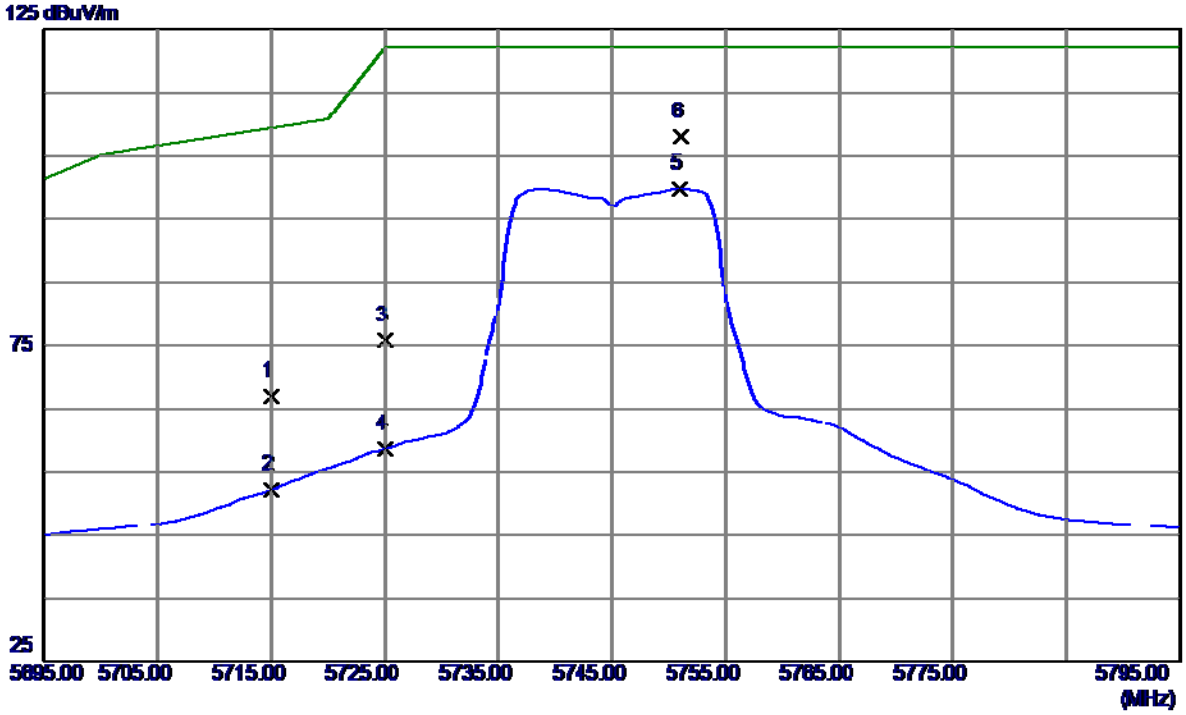
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.8090	31.93	18.20	50.13	68.30	-18.17	Peak	
2 *	11490.1240	20.28	18.20	38.48	54.00	-15.52	AVG	

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

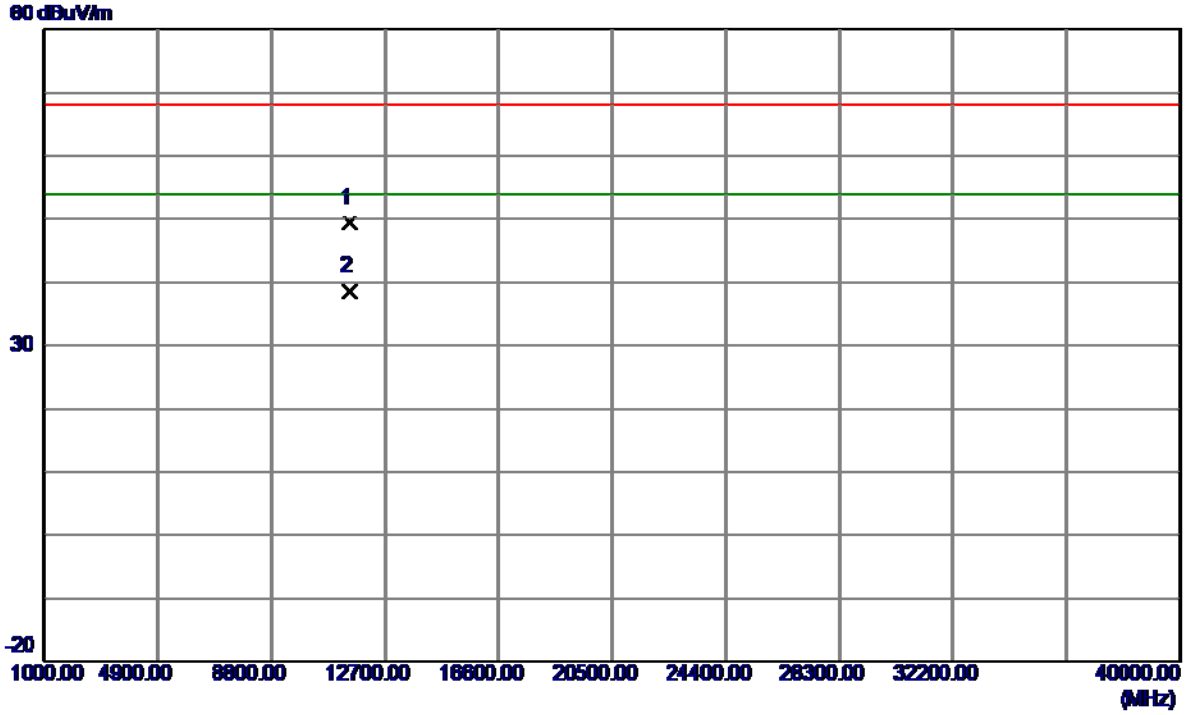
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.49	43.53	67.02	109.40	-42.38	Peak	
2	5715.0000	8.64	43.53	52.17	109.40	-57.23	AVG	
3	5725.0000	32.30	43.56	75.86	122.20	-46.34	Peak	
4	5725.0000	15.04	43.56	58.60	122.20	-63.60	AVG	
5	5751.0000	56.21	43.64	99.85	122.20	-22.35	AVG	
6 *	5751.1000	64.34	43.64	107.98	122.20	-14.22	Peak	

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

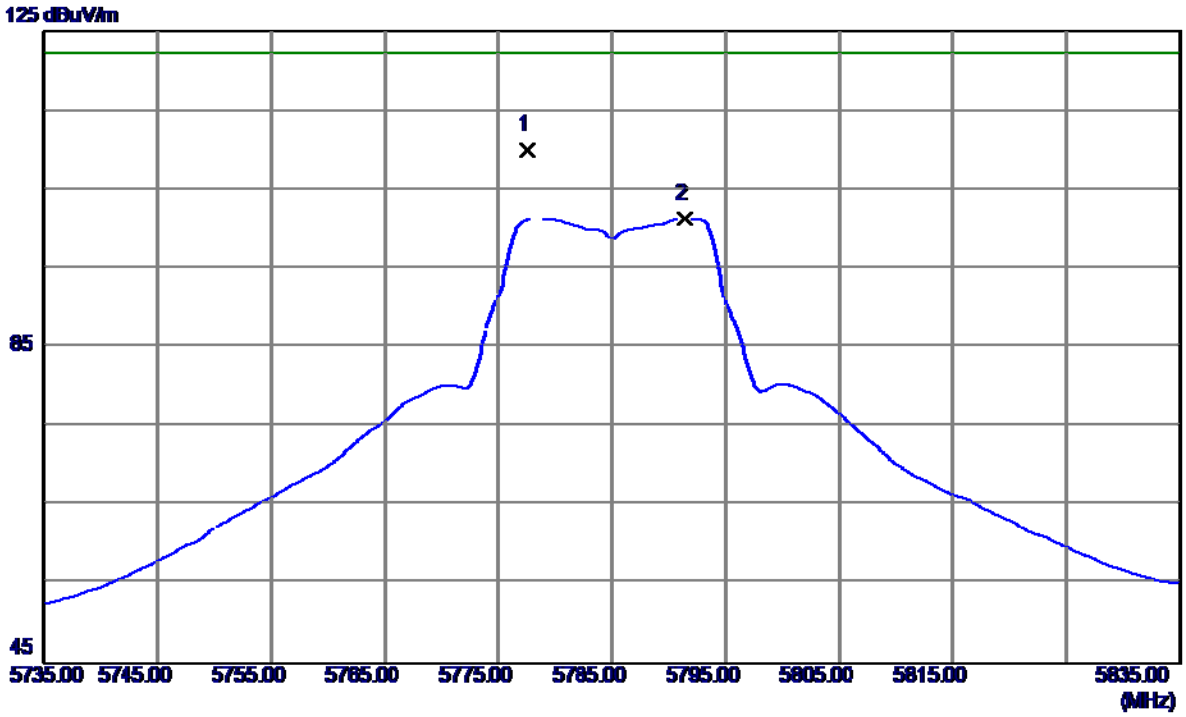
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.2170	31.25	18.20	49.45	68.30	-18.85	Peak	
2 *	11490.2510	20.40	18.20	38.60	54.00	-15.40	AVG	

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

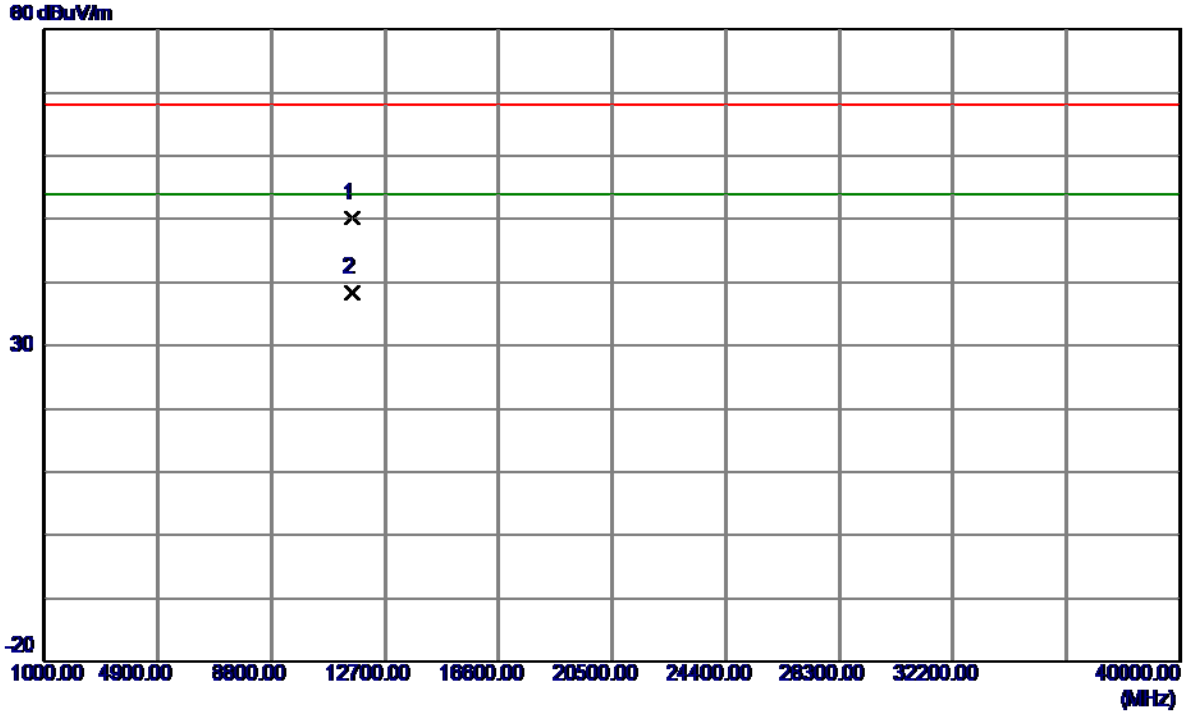
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5777.6000	66.31	43.72	110.03	122.20	-12.17	Peak	
2	5791.4000	57.57	43.76	101.33	122.20	-20.87	AVG	

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

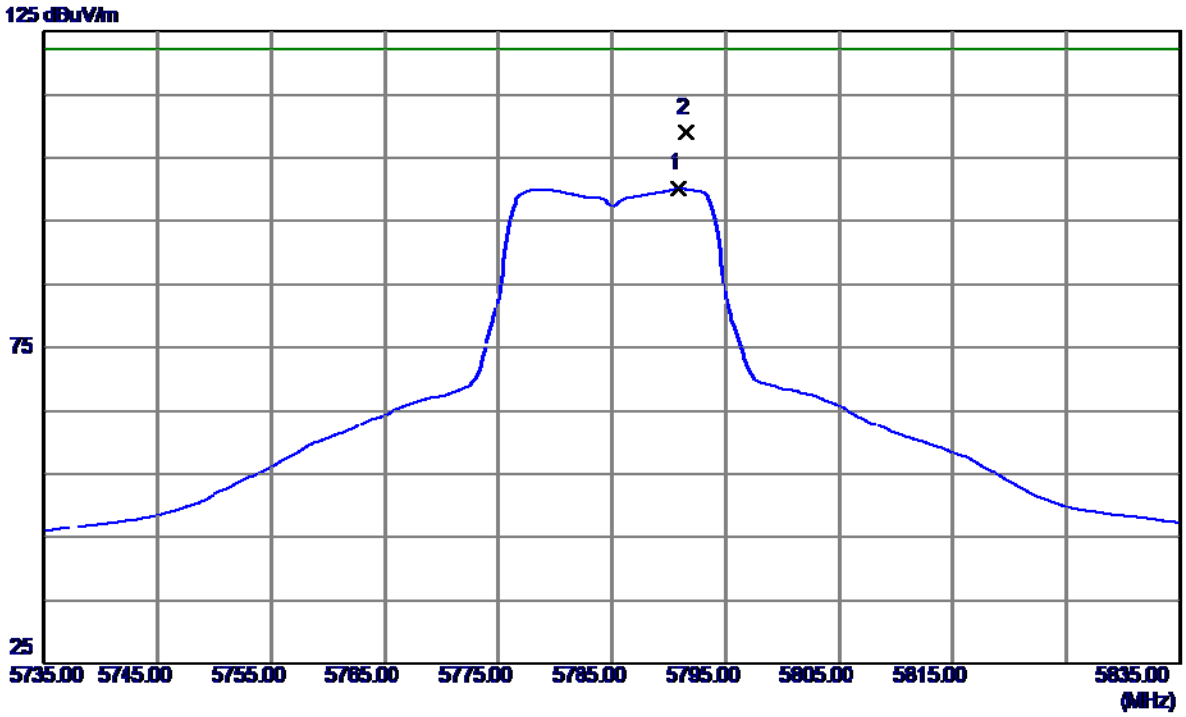
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.6289	32.06	18.20	50.26	68.30	-18.04	Peak	
2 *	11570.0220	20.29	18.20	38.49	54.00	-15.51	AVG	

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

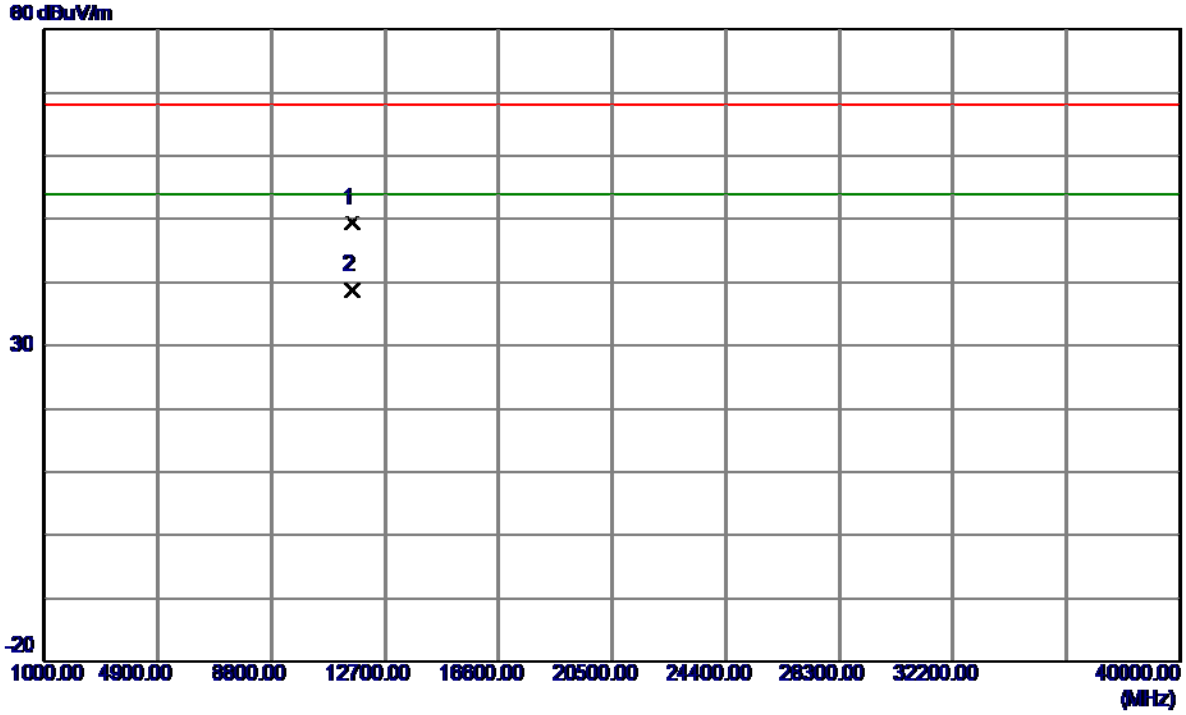
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5790.9000	56.38	43.76	100.14	122.20	-22.06	AVG	
2 *	5791.6000	65.23	43.76	108.99	122.20	-13.21	Peak	

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

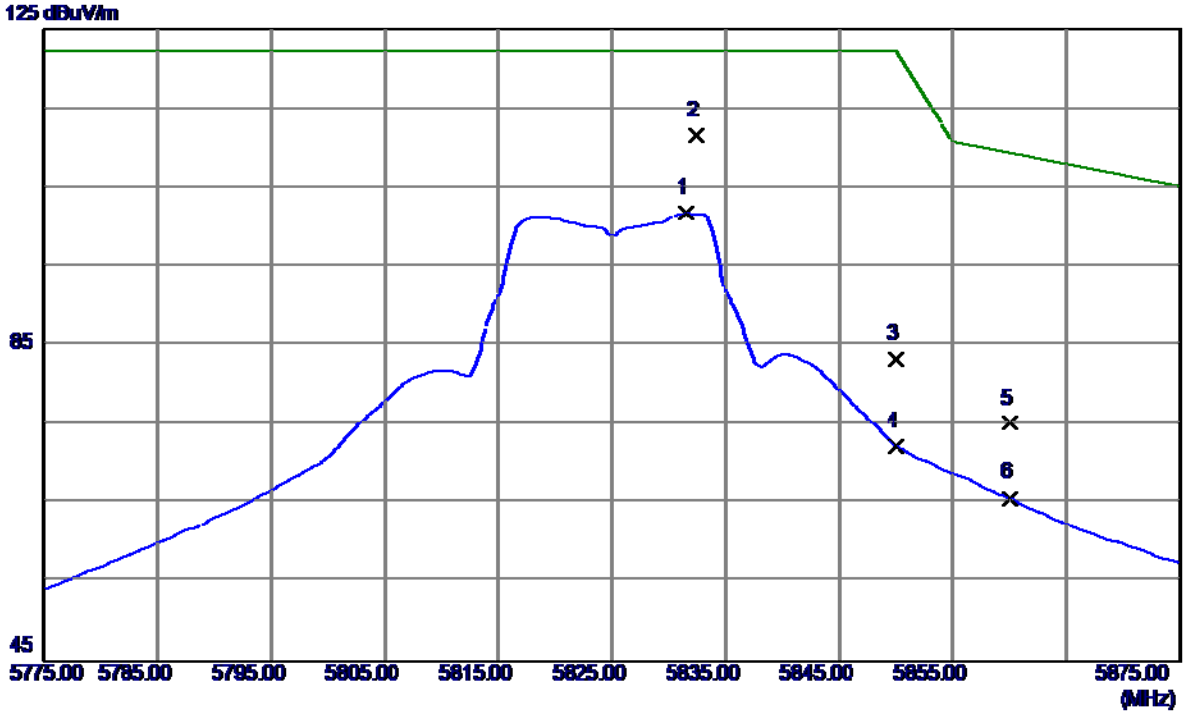
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.6080	31.25	18.20	49.45	68.30	-18.85	Peak	
2 *	11569.9600	20.53	18.20	38.73	54.00	-15.27	AVG	

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

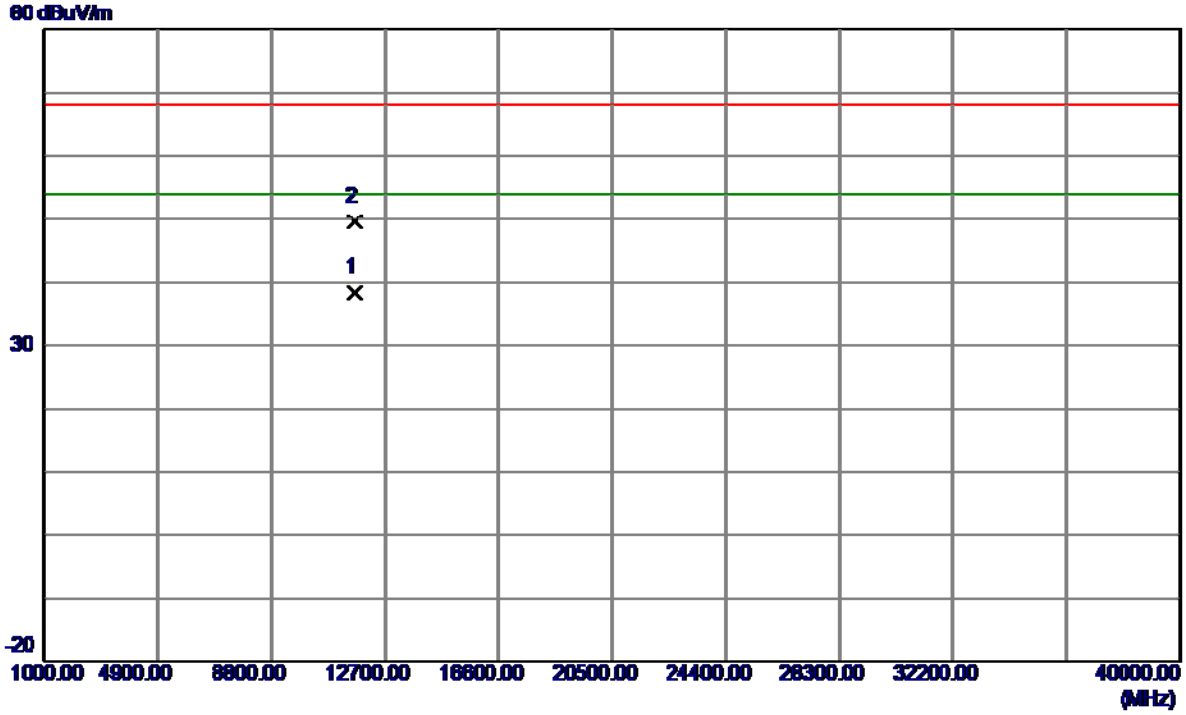
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5831.6000	57.85	43.88	101.73	122.20	-20.47	AVG	
2 *	5832.4000	67.65	43.88	111.53	122.20	-10.67	Peak	
3	5850.0000	39.30	43.94	83.24	122.20	-38.96	Peak	
4	5850.0000	28.26	43.94	72.20	122.20	-50.00	AVG	
5	5860.0000	31.19	43.97	75.16	109.40	-34.24	Peak	
6	5860.0000	21.75	43.97	65.72	109.40	-43.68	AVG	

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

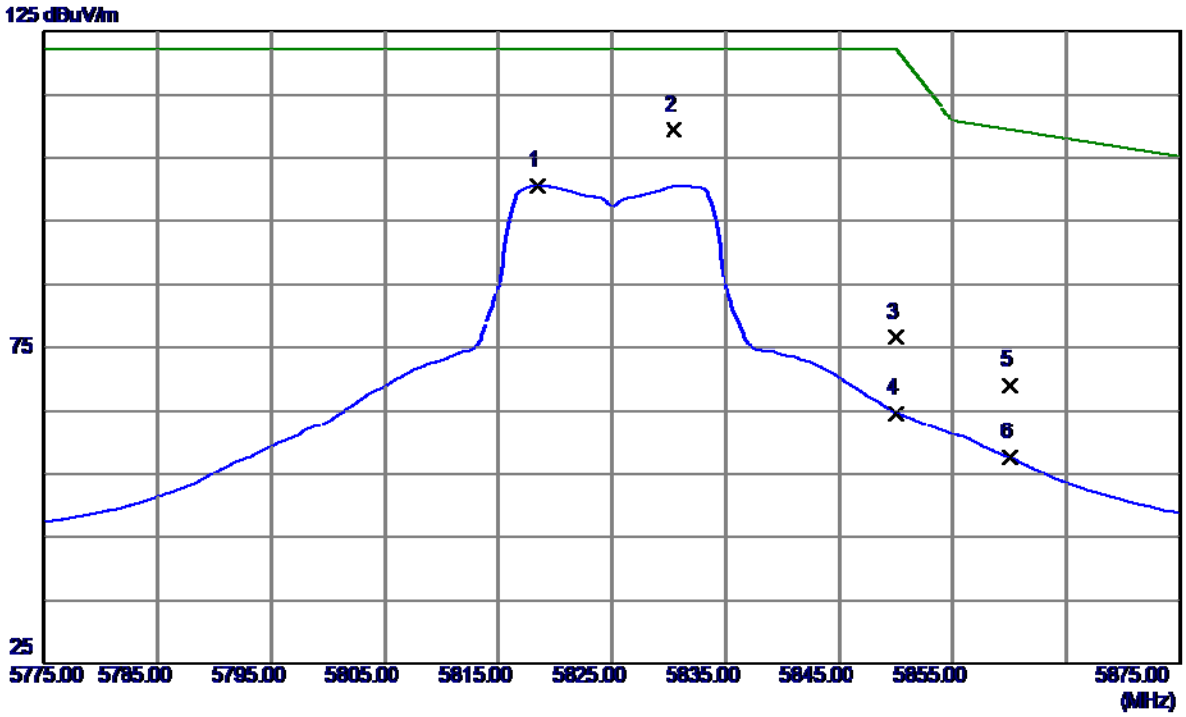
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.5950	20.24	18.17	38.41	54.00	-15.59	AVG	
2	11650.1150	31.35	18.17	49.52	68.30	-18.78	Peak	

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

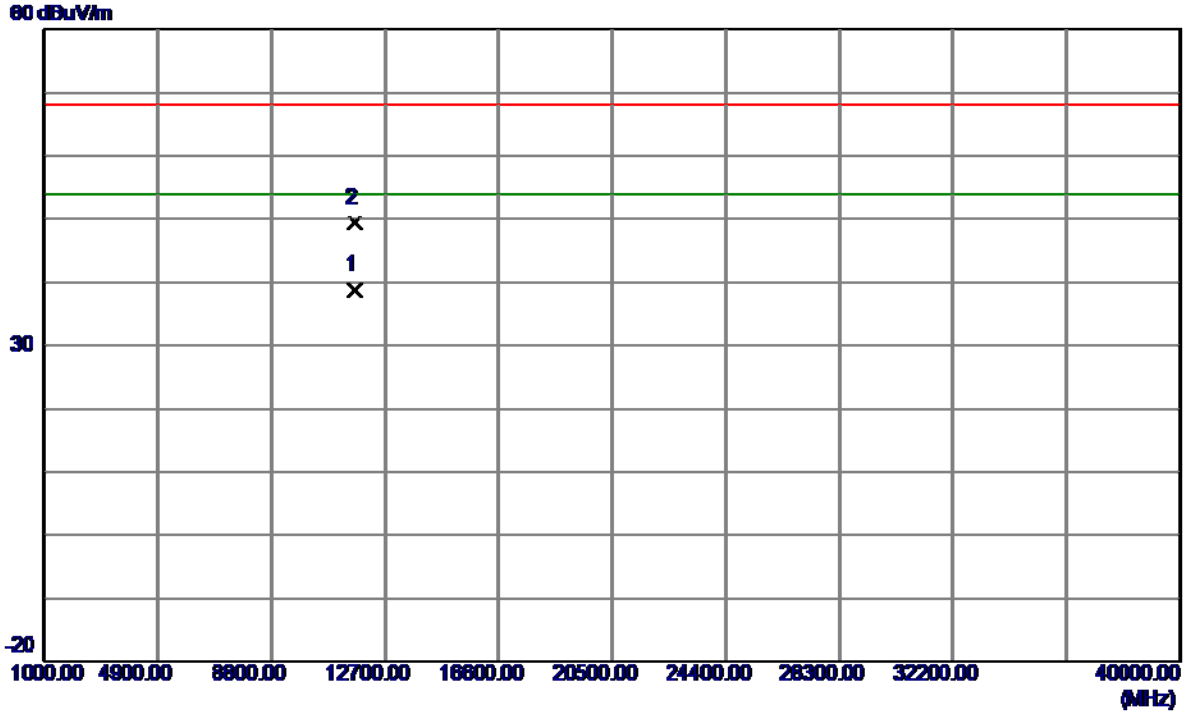
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5818.4000	56.82	43.84	100.66	122.20	-21.54	AVG	
2 *	5830.4000	65.45	43.88	109.33	122.20	-12.87	Peak	
3	5850.0000	32.63	43.94	76.57	122.20	-45.63	Peak	
4	5850.0000	20.73	43.94	64.67	122.20	-57.53	AVG	
5	5860.0000	25.06	43.97	69.03	109.40	-40.37	Peak	
6	5860.0000	13.55	43.97	57.52	109.40	-51.88	AVG	

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

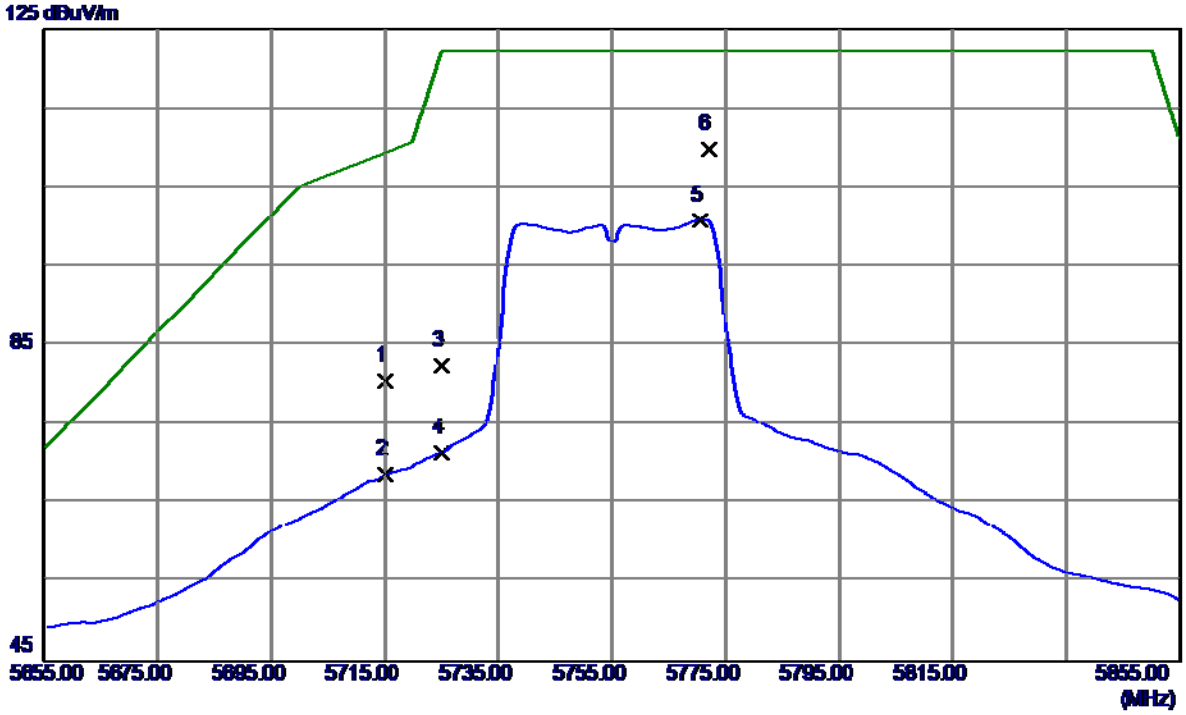
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.8179	20.63	18.17	38.80	54.00	-15.20	AVG	
2	11650.1020	31.21	18.17	49.38	68.30	-18.92	Peak	

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

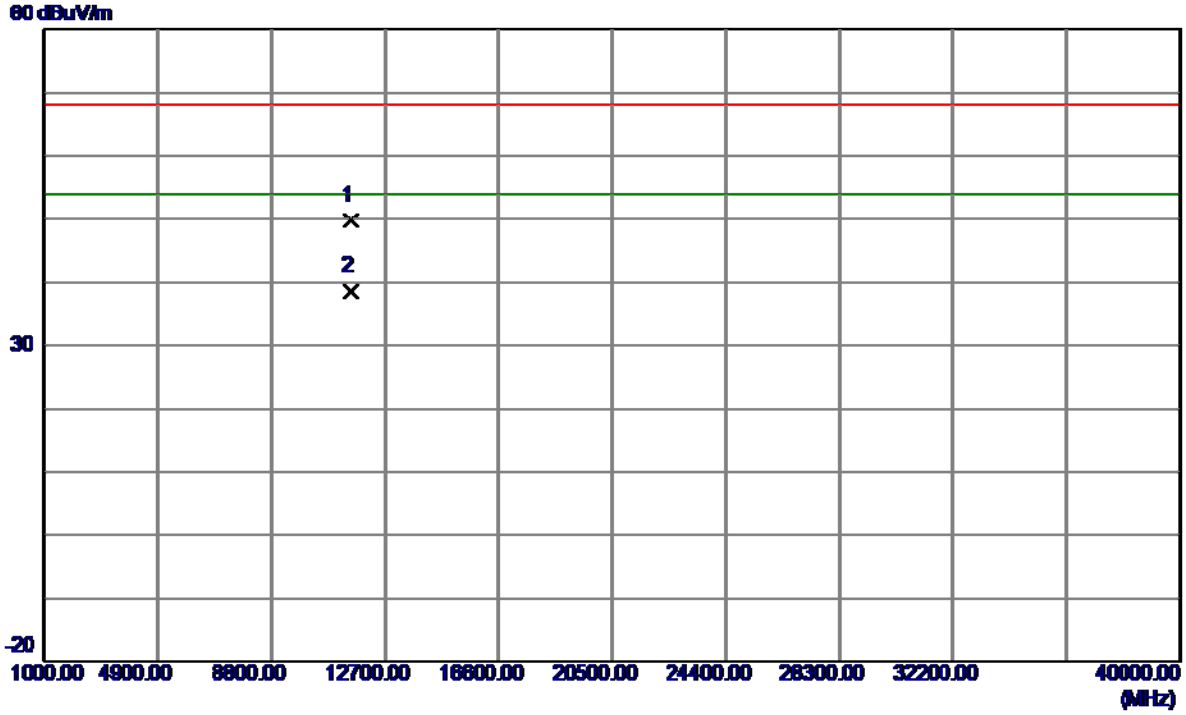
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	36.99	43.53	80.52	109.40	-28.88	Peak	
2	5715.0000	25.12	43.53	68.65	109.40	-40.75	AVG	
3	5725.0000	38.84	43.56	82.40	122.20	-39.80	Peak	
4	5725.0000	27.87	43.56	71.43	122.20	-50.77	AVG	
5	5770.6000	57.18	43.70	100.88	122.20	-21.32	AVG	
6 *	5772.0000	66.08	43.70	109.78	122.20	-12.42	Peak	

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

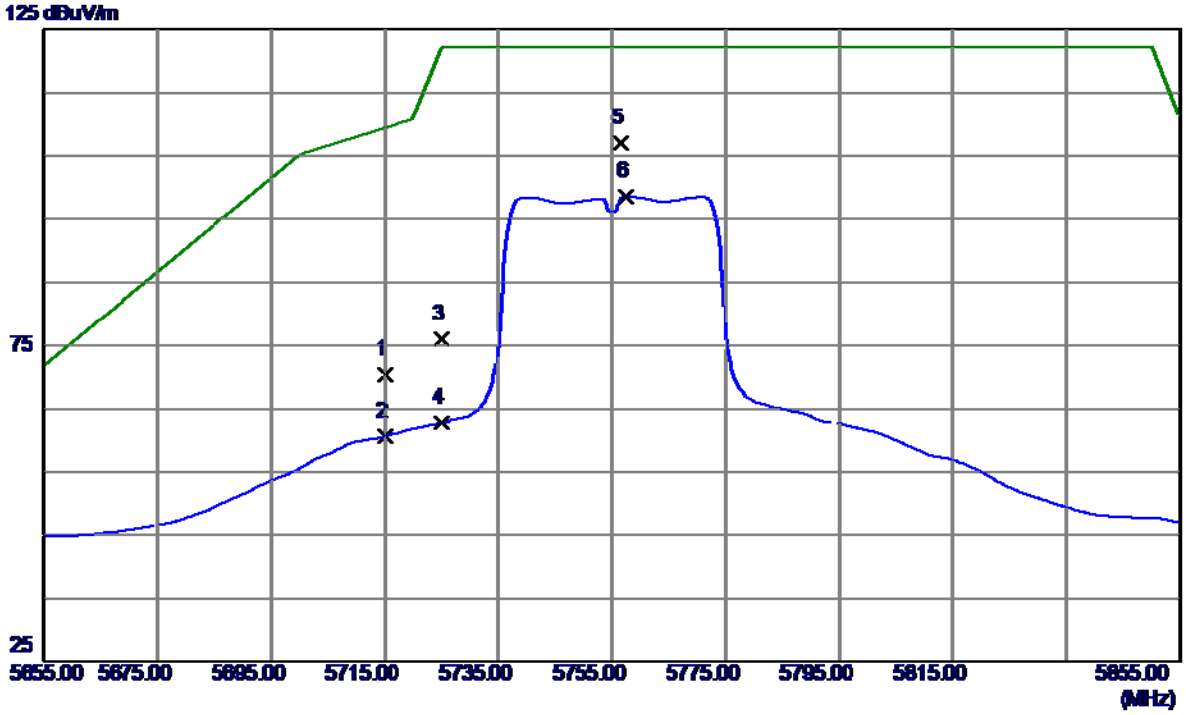
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11509.5580	31.58	18.22	49.80	68.30	-18.50	Peak	
2 *	11510.0450	20.36	18.22	38.58	54.00	-15.42	AVG	

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

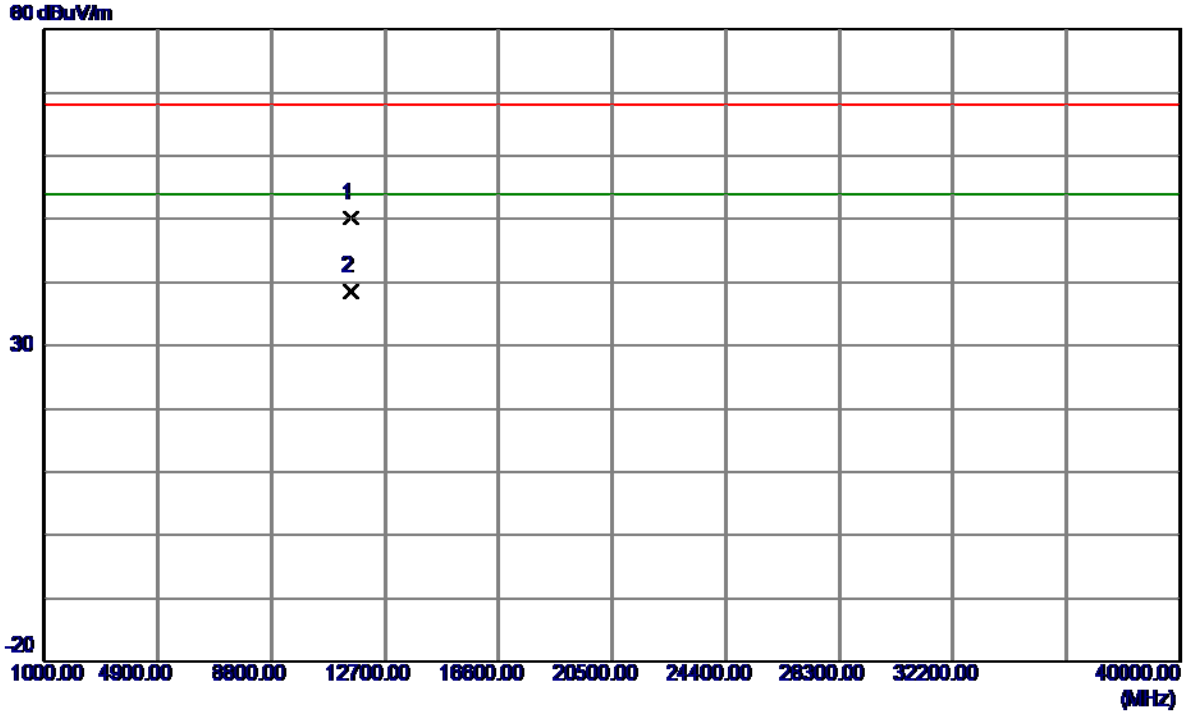
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.78	43.53	70.31	109.40	-39.09	Peak	
2	5715.0000	17.11	43.53	60.64	109.40	-48.76	AVG	
3	5725.0000	32.35	43.56	75.91	122.20	-46.29	Peak	
4	5725.0000	19.18	43.56	62.74	122.20	-59.46	AVG	
5 *	5756.6000	63.28	43.65	106.93	122.20	-15.27	Peak	
6	5757.4000	55.01	43.66	98.67	122.20	-23.53	AVG	

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

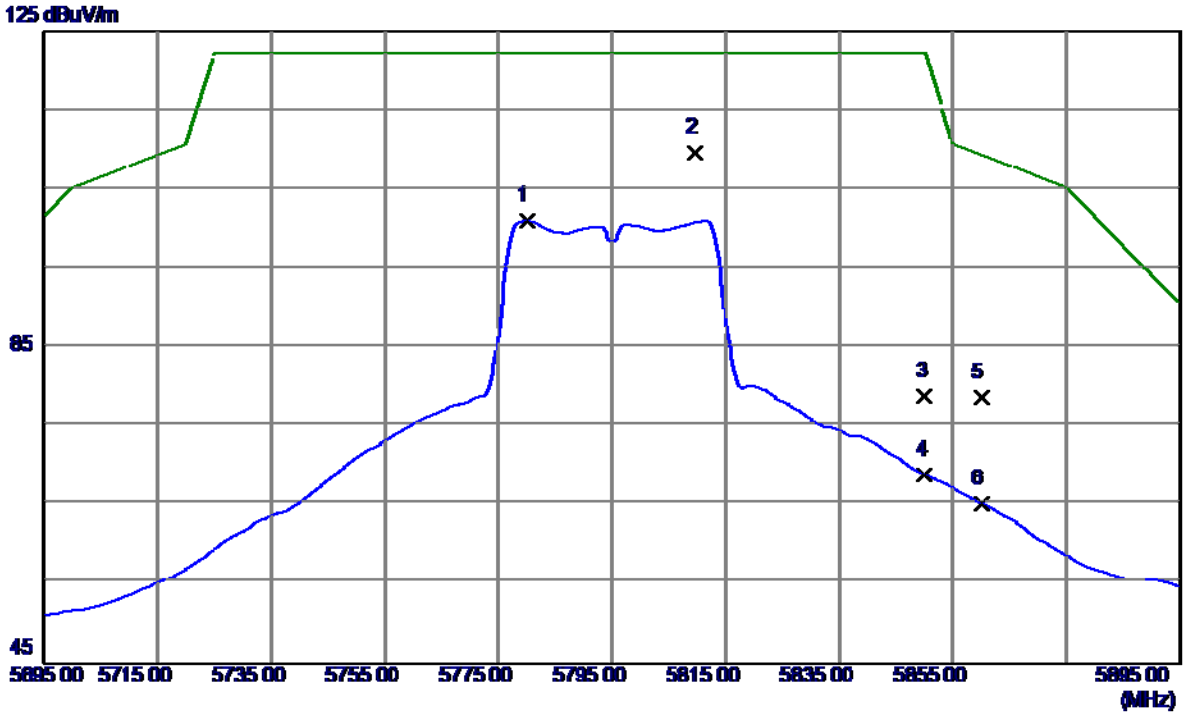
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11509.6970	31.94	18.22	50.16	68.30	-18.14	Peak	
2 *	11510.4330	20.36	18.22	38.58	54.00	-15.42	AVG	

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

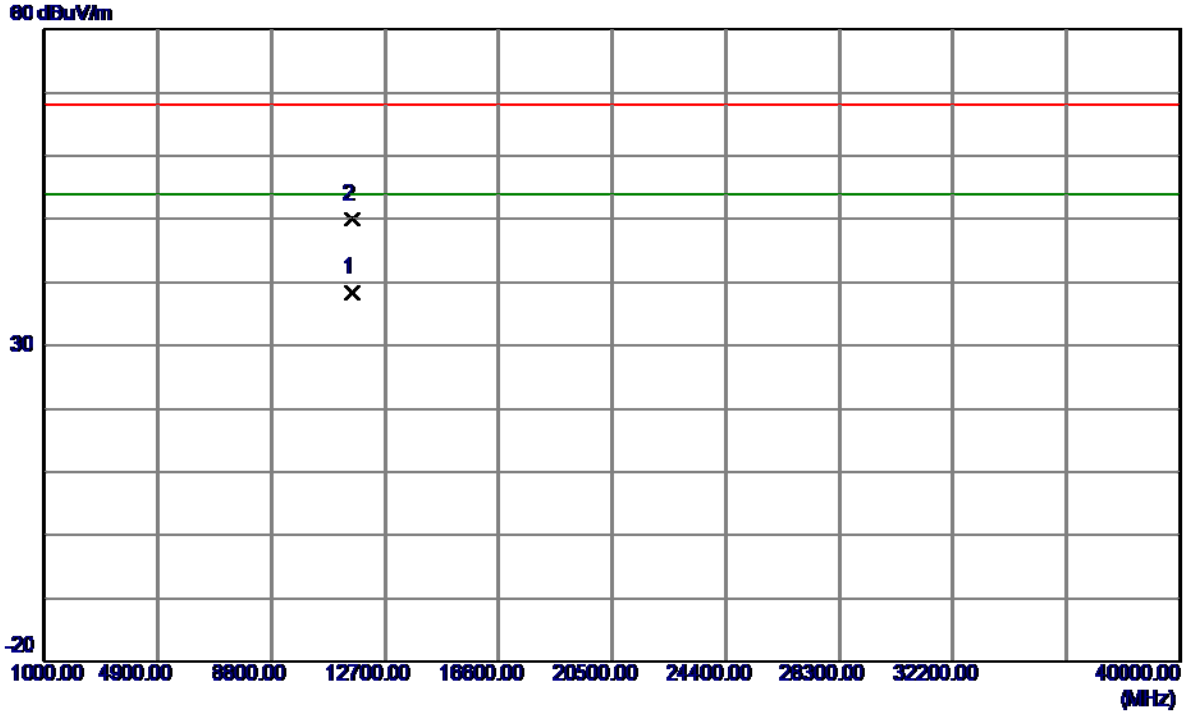
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5780.0000	57.29	43.73	101.02	122.20	-21.18	AVG	
2 *	5809.6000	65.86	43.81	109.67	122.20	-12.53	Peak	
3	5850.0000	34.78	43.94	78.72	122.20	-43.48	Peak	
4	5850.0000	24.94	43.94	68.88	122.20	-53.32	AVG	
5	5860.0000	34.63	43.97	78.60	109.40	-30.80	Peak	
6	5860.0000	21.25	43.97	65.22	109.40	-44.18	AVG	

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

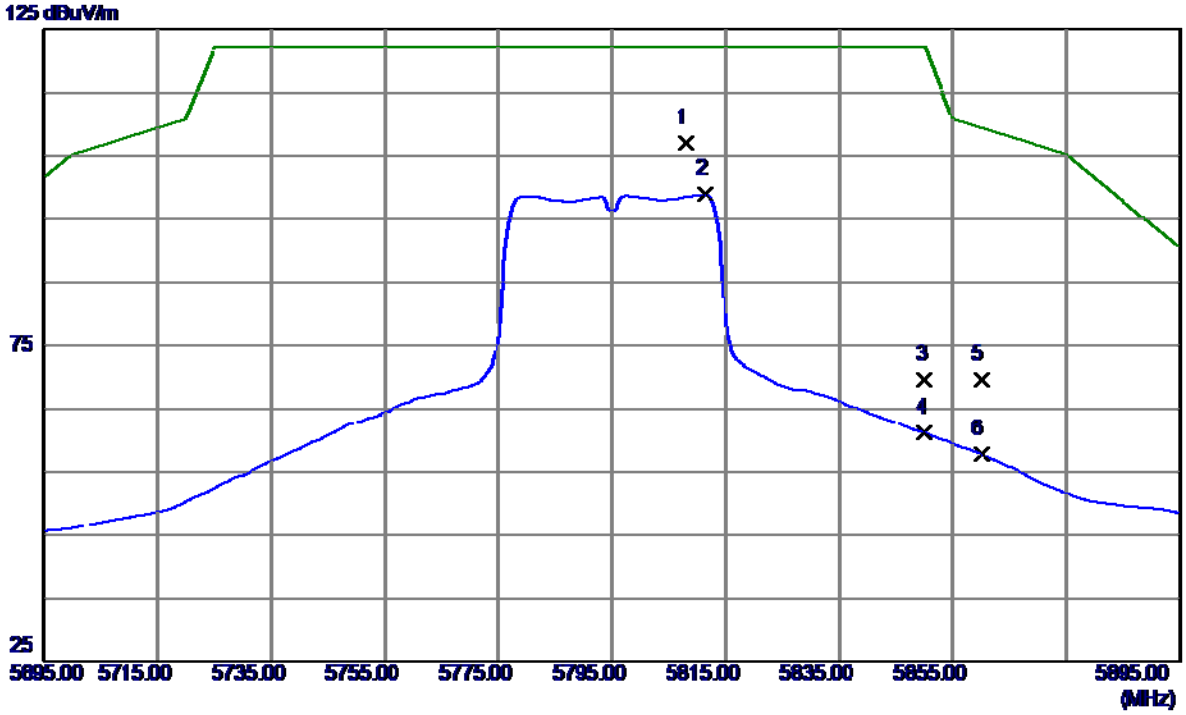
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11589.5530	20.26	18.19	38.45	54.00	-15.55	AVG	
2	11590.2760	31.72	18.19	49.91	68.30	-18.39	Peak	

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

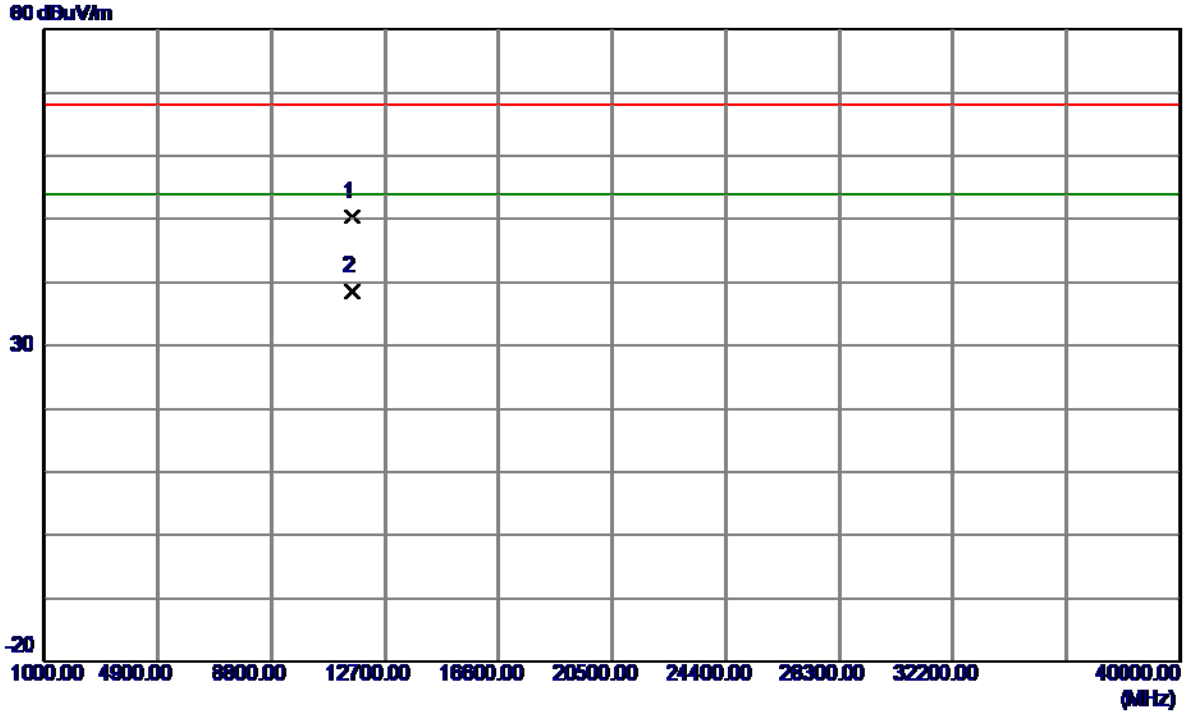
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5808.0000	63.09	43.81	106.90	122.20	-15.30	Peak	
2	5811.4000	55.08	43.82	98.90	122.20	-23.30	AVG	
3	5850.0000	25.66	43.94	69.60	122.20	-52.60	Peak	
4	5850.0000	17.20	43.94	61.14	122.20	-61.06	AVG	
5	5860.0000	25.61	43.97	69.58	109.40	-39.82	Peak	
6	5860.0000	13.79	43.97	57.76	109.40	-51.64	AVG	

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

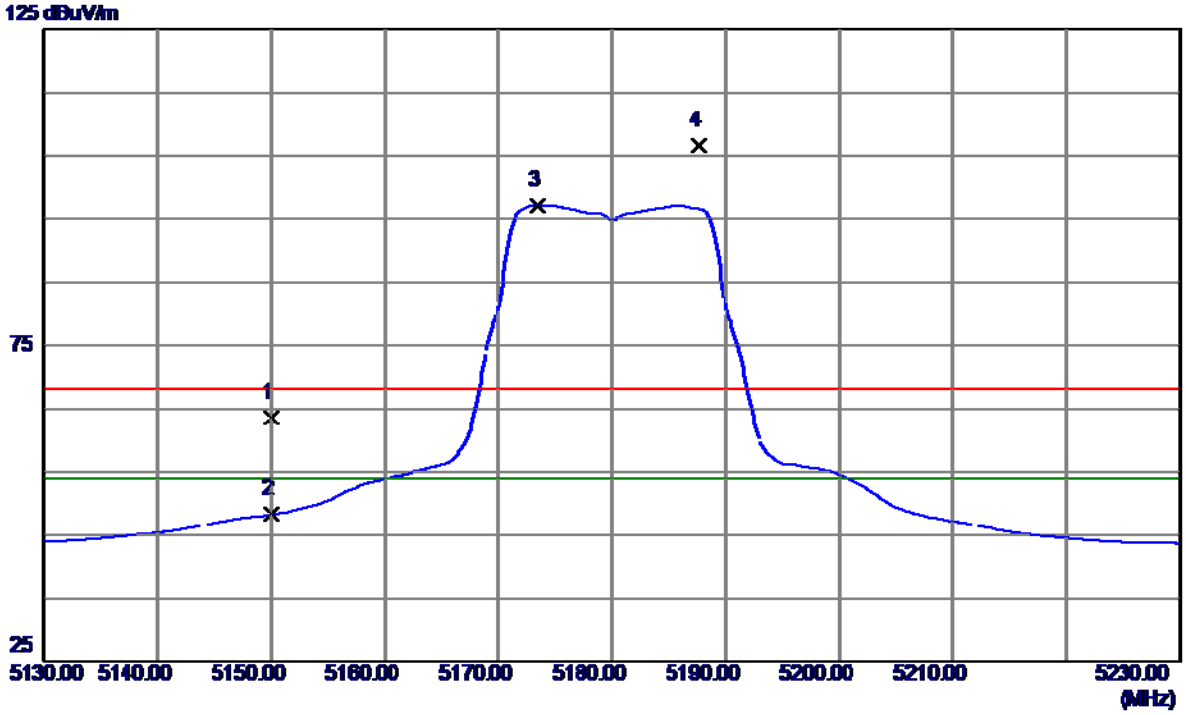
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.5670	32.25	18.19	50.44	68.30	-17.86	Peak	
2 *	11589.6880	20.43	18.19	38.62	54.00	-15.38	AVG	

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

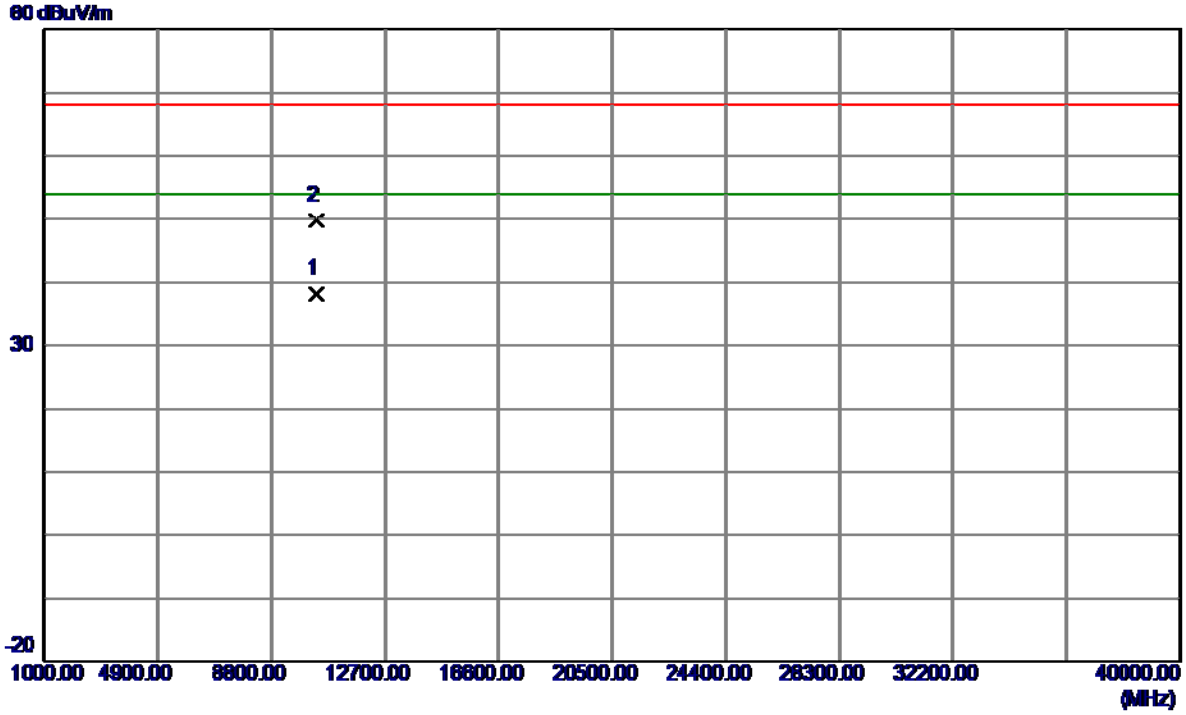
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.46	41.10	63.56	68.30	-4.74	Peak	
2	5150.0000	7.24	41.10	48.34	54.00	-5.66	AVG	
3 *	5173.4000	56.06	41.22	97.28	54.00	43.28	AVG	No Limit
4	5187.7000	65.36	41.29	106.65	68.30	38.35	Peak	No Limit

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

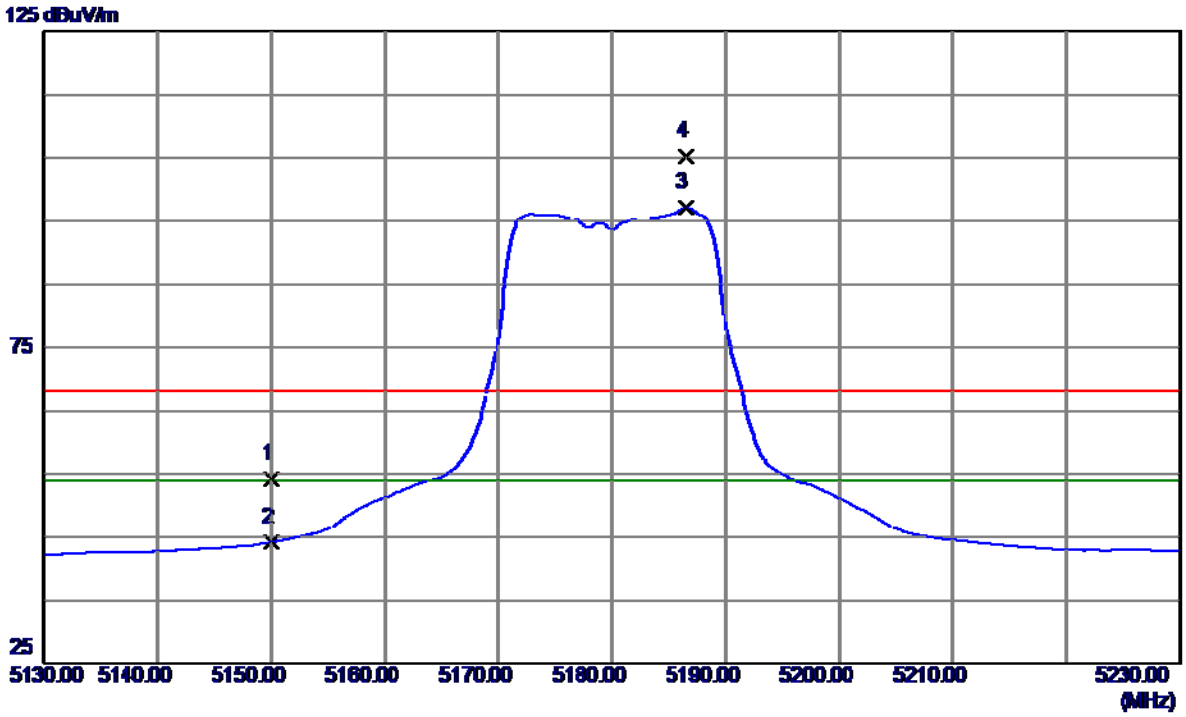
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.2280	21.15	17.11	38.26	54.00	-15.74	AVG	
2	10360.3780	32.70	17.11	49.81	68.30	-18.49	Peak	

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

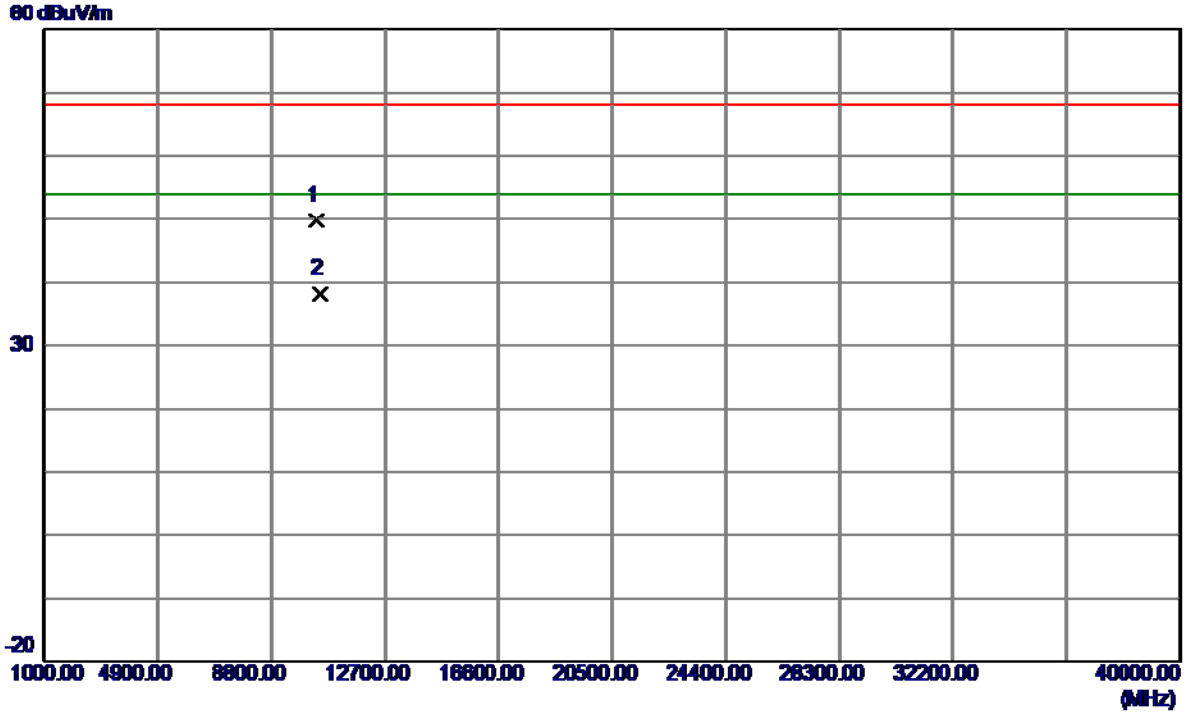
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.04	41.10	54.14	68.30	-14.16	Peak	
2	5150.0000	3.10	41.10	44.20	54.00	-9.80	AVG	
3 *	5186.5000	55.87	41.29	97.16	54.00	43.16	AVG	No Limit
4	5186.6000	63.90	41.29	105.19	68.30	36.89	Peak	No Limit

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

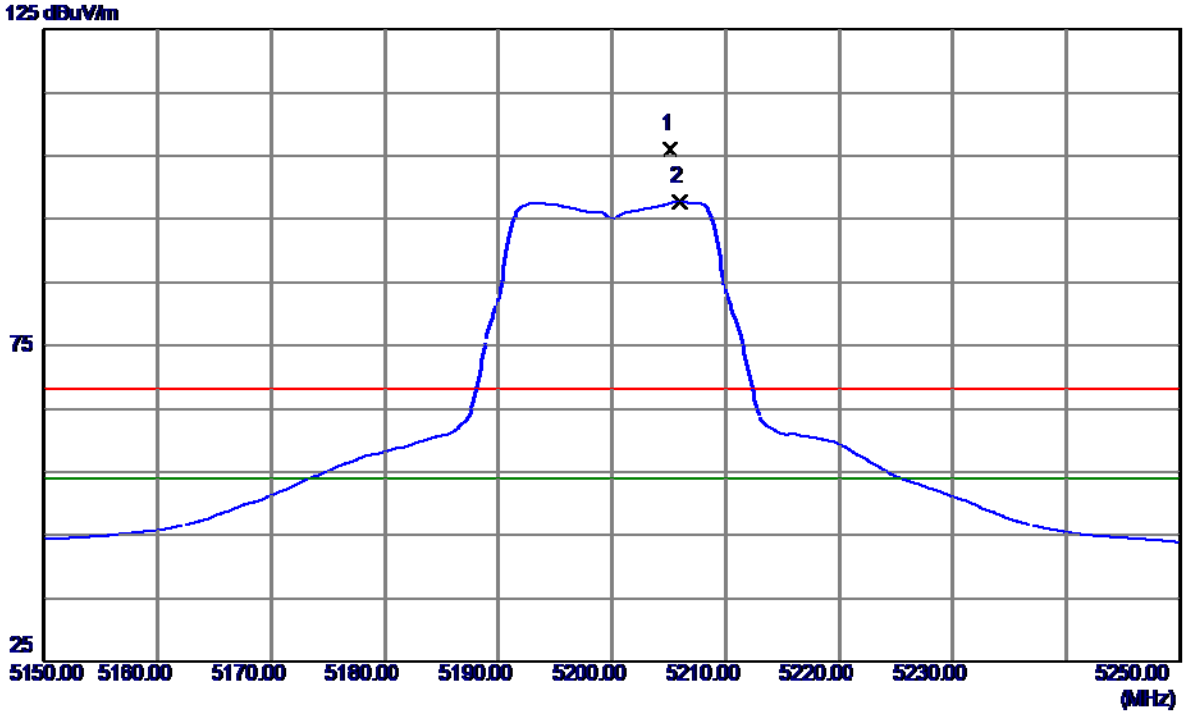
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.6120	32.73	17.11	49.84	68.30	-18.46	Peak	
2 *	10480.0519	20.84	17.44	38.28	54.00	-15.72	AVG	

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

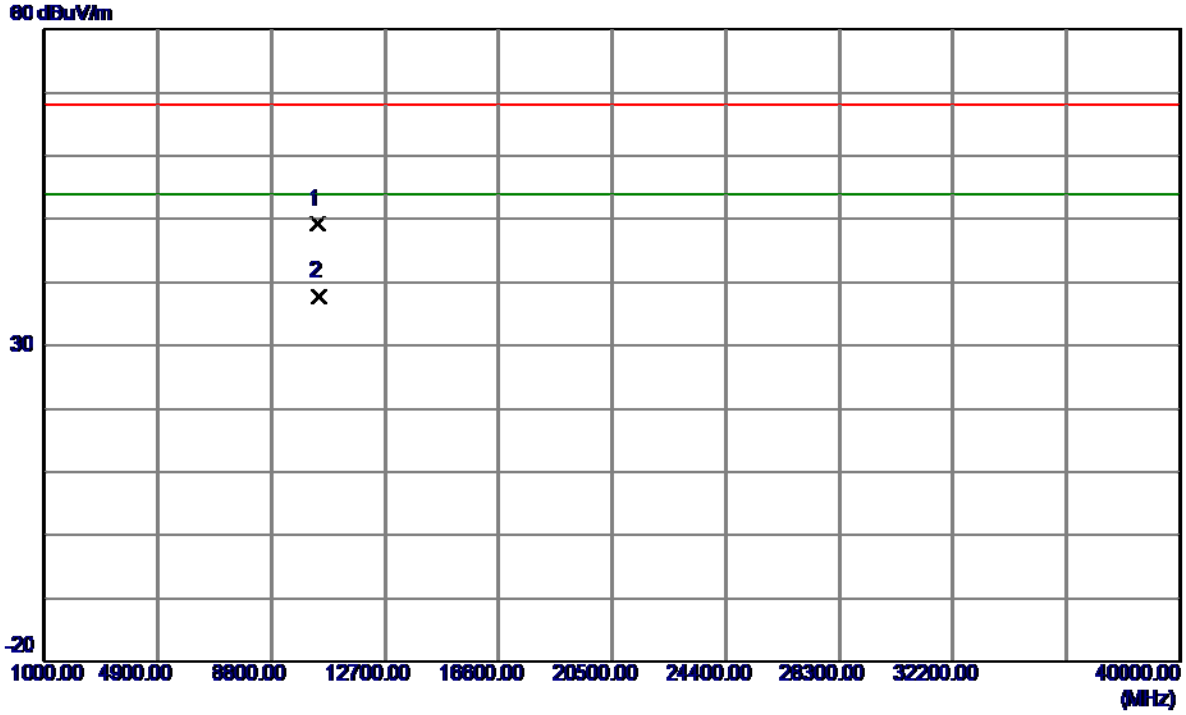
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.1000	64.65	41.38	106.03	68.30	37.73	Peak	No Limit
2 *	5206.0000	56.42	41.39	97.81	54.00	43.81	AVG	No Limit

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

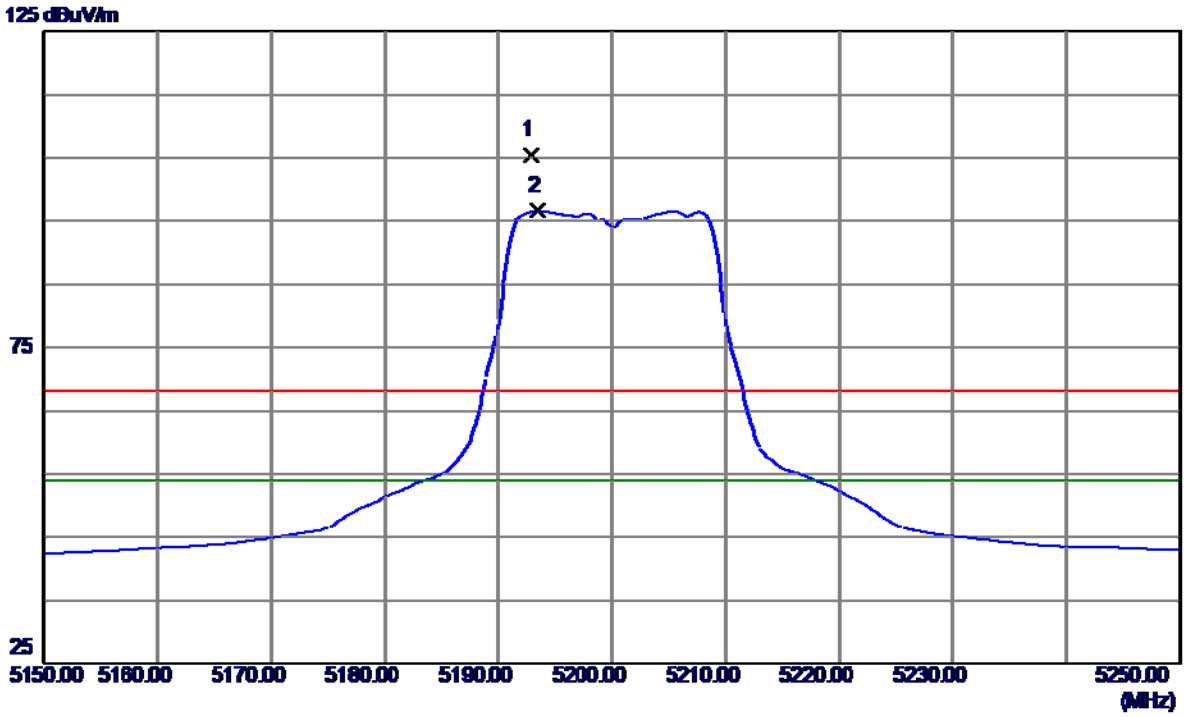
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.6830	31.92	17.22	49.14	68.30	-19.16	Peak	
2 *	10440.7820	20.46	17.33	37.79	54.00	-16.21	AVG	

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

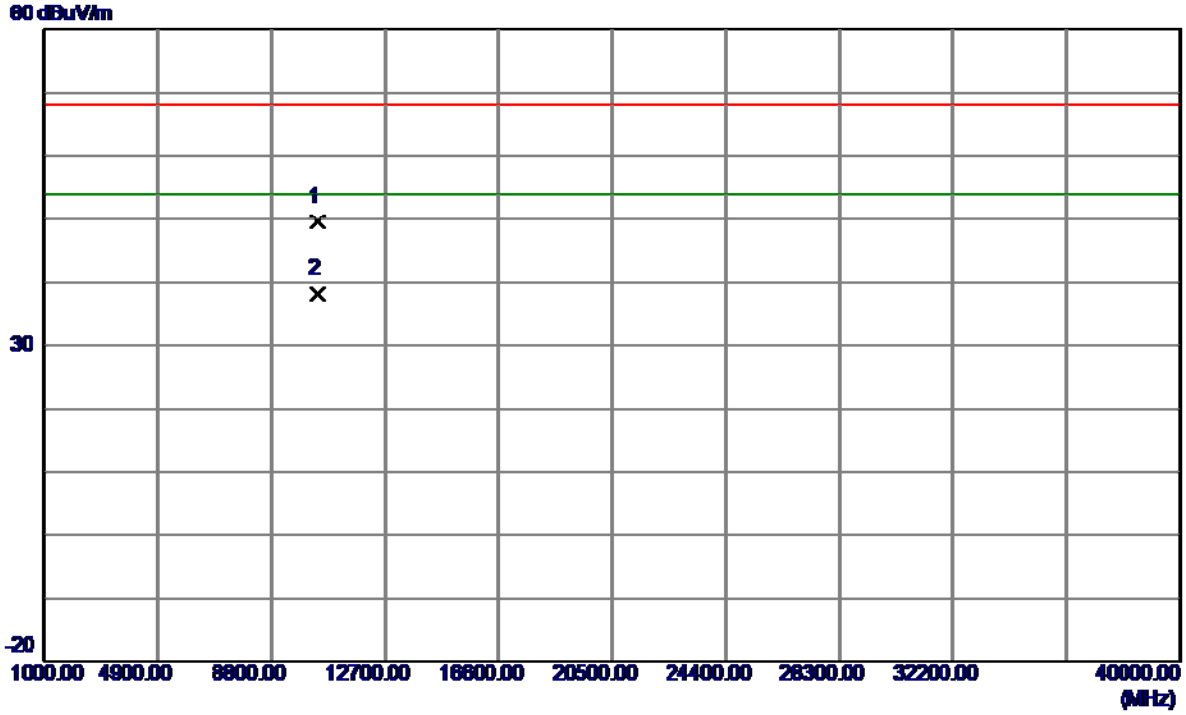
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.9000	64.12	41.32	105.44	68.30	37.14	Peak	No Limit
2 *	5193.4000	55.38	41.32	96.70	54.00	42.70	AVG	No Limit

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

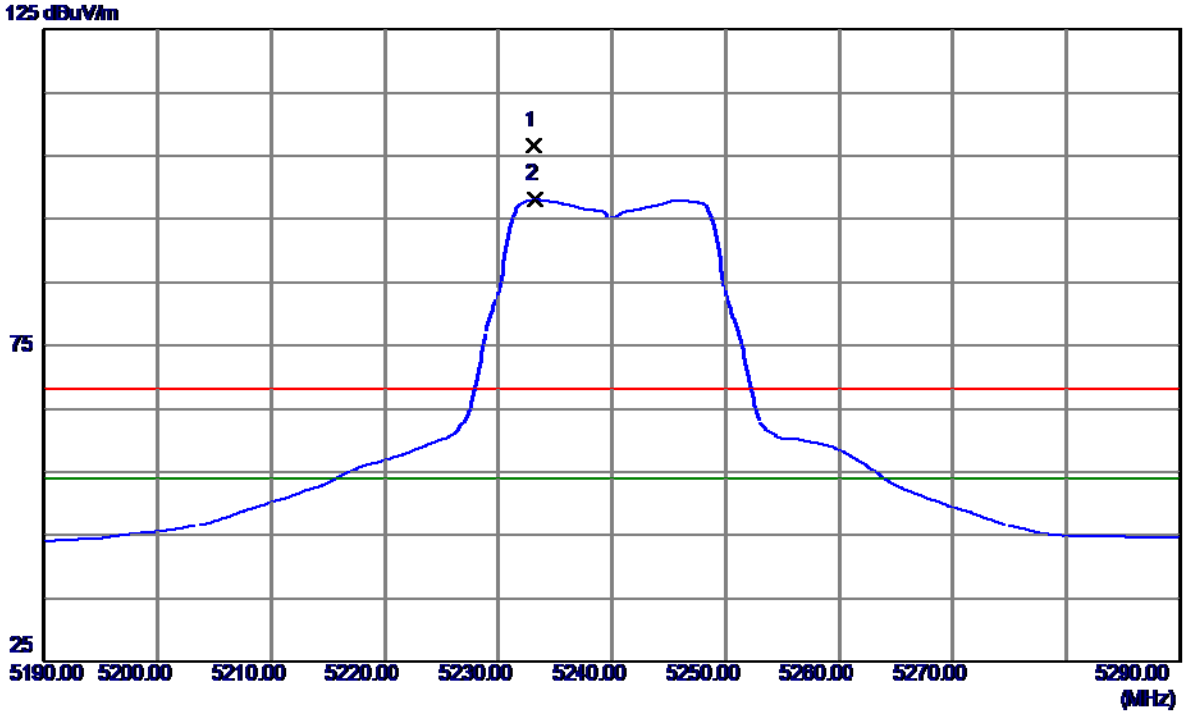
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.7550	32.39	17.22	49.61	68.30	-18.69	Peak	
2 *	10400.8030	21.04	17.22	38.26	54.00	-15.74	AVG	

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

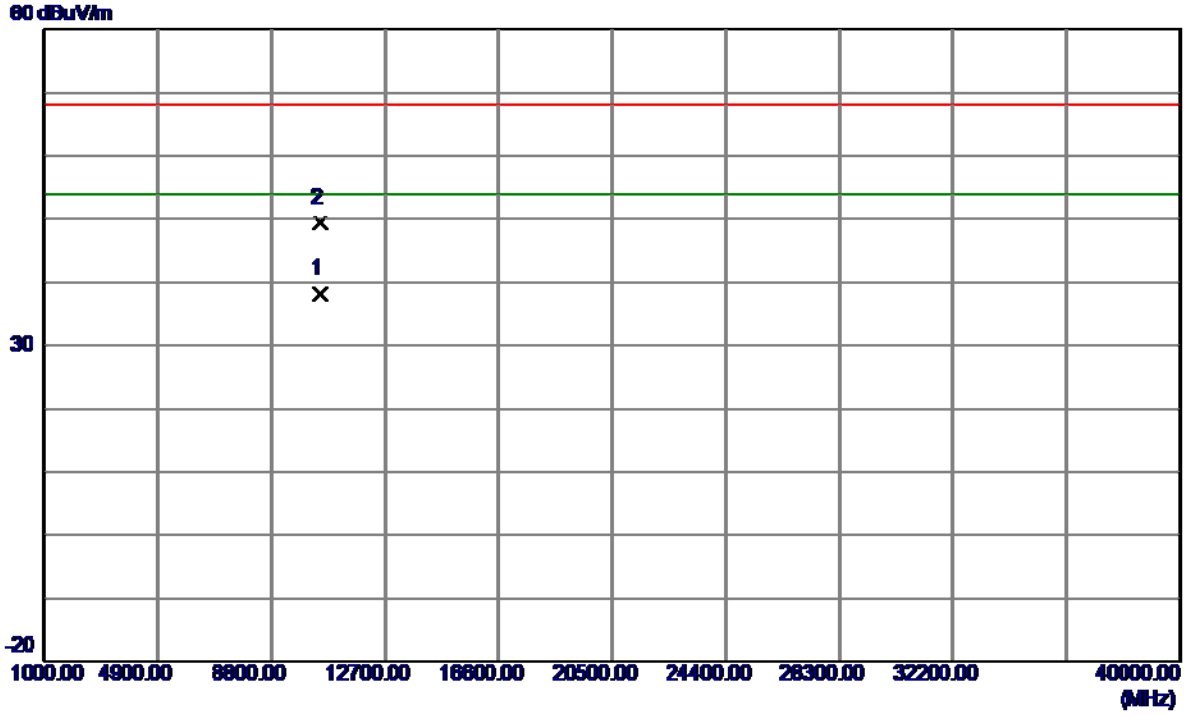
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.1000	65.03	41.52	106.55	68.30	38.25	Peak	No Limit
2 *	5233.2000	56.60	41.52	98.12	54.00	44.12	AVG	No Limit

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

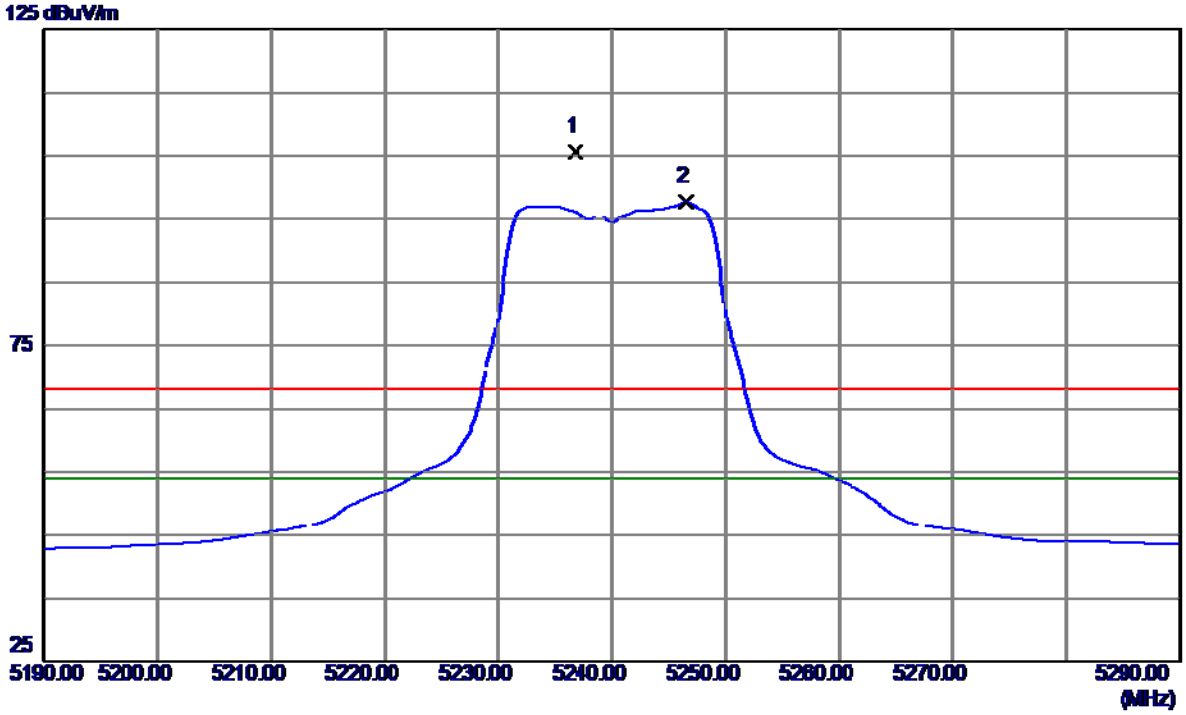
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.1510	20.85	17.44	38.29	54.00	-15.71	AVG	
2	10480.3250	32.02	17.44	49.46	68.30	-18.84	Peak	

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

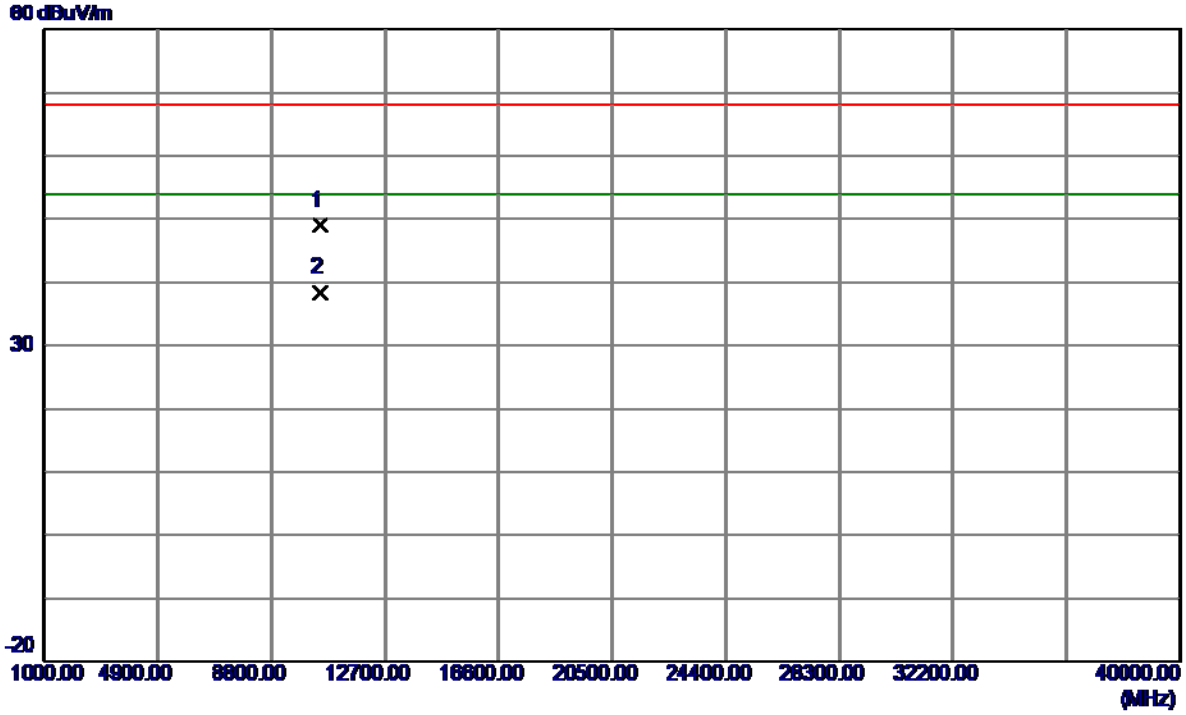
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5236.8000	64.09	41.54	105.63	68.30	37.33	Peak	No Limit
2 *	5246.6000	56.16	41.59	97.75	54.00	43.75	AVG	No Limit

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

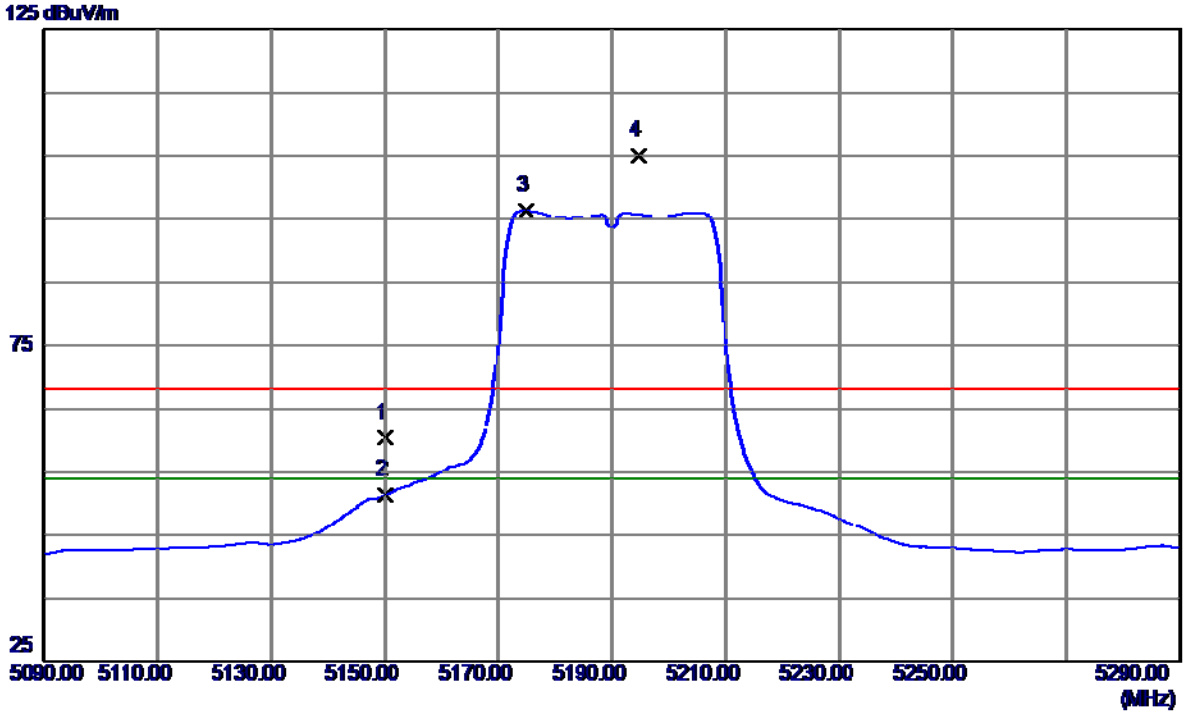
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.7650	31.58	17.44	49.02	68.30	-19.28	Peak	
2 *	10480.3900	21.03	17.44	38.47	54.00	-15.53	AVG	

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

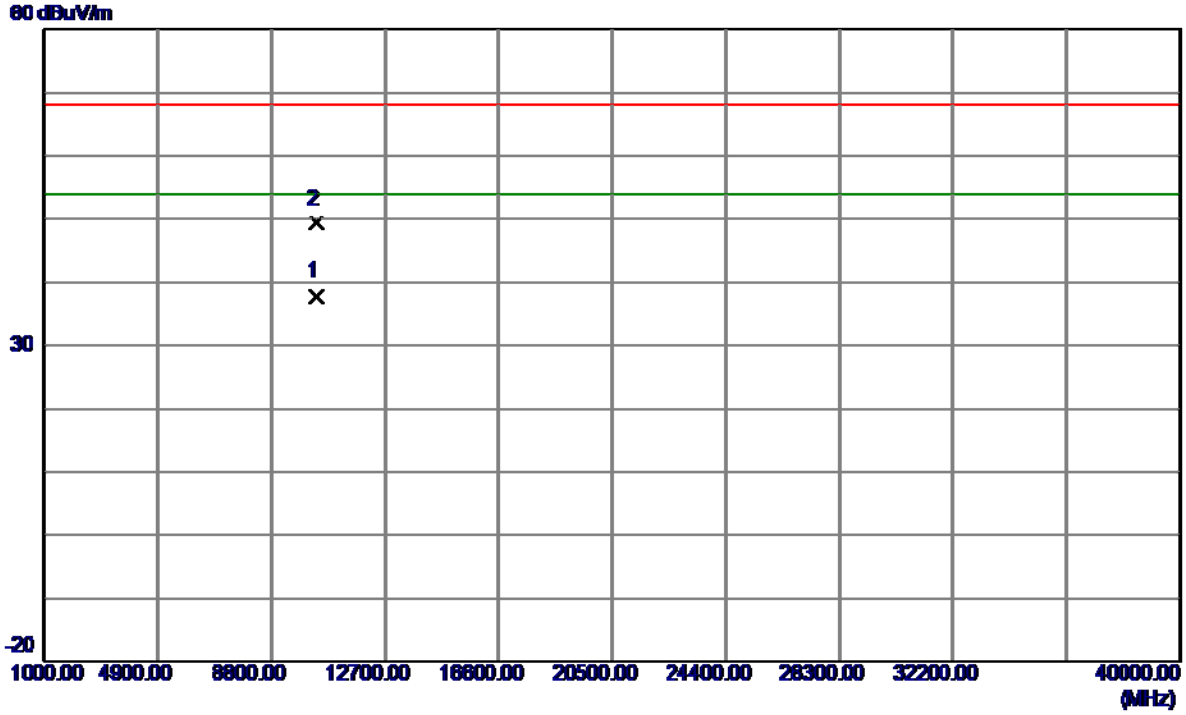
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.21	41.10	60.31	68.30	-7.99	Peak	
2	5150.0000	10.33	41.10	51.43	54.00	-2.57	AVG	
3 *	5174.8000	55.16	41.23	96.39	54.00	42.39	AVG	No Limit
4	5194.6000	63.58	41.33	104.91	68.30	36.61	Peak	No Limit

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

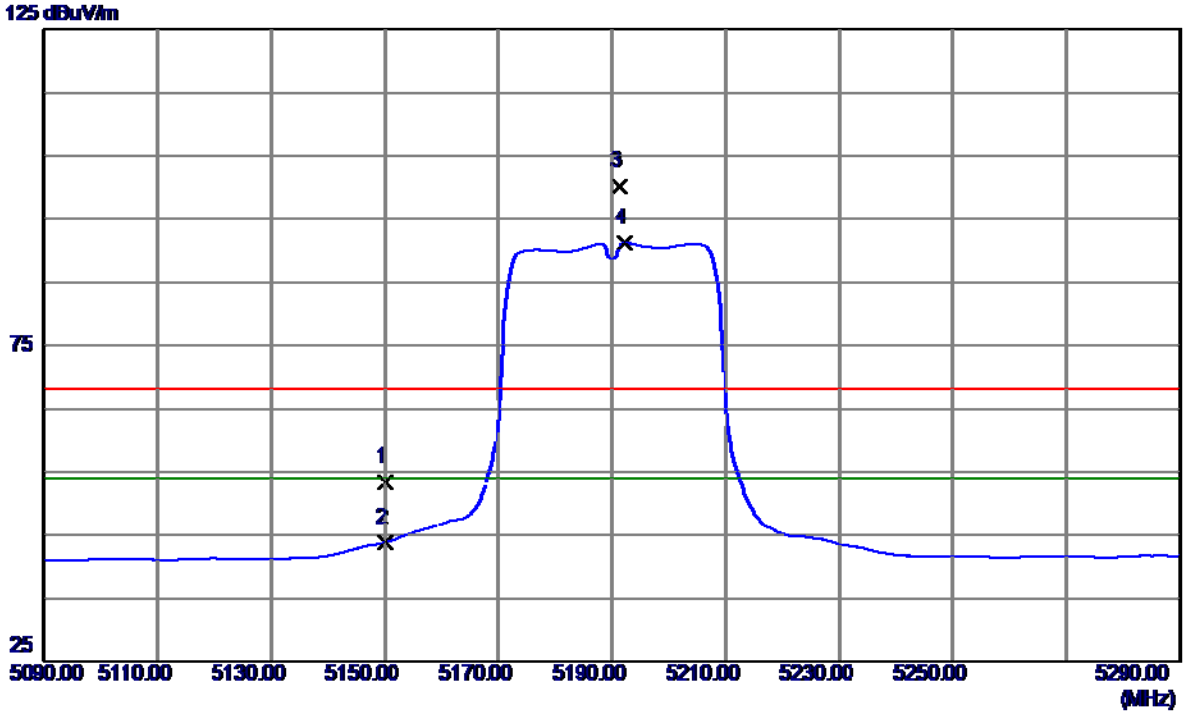
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.7330	20.61	17.16	37.77	54.00	-16.23	AVG	
2	10380.3060	32.14	17.16	49.30	68.30	-19.00	Peak	

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

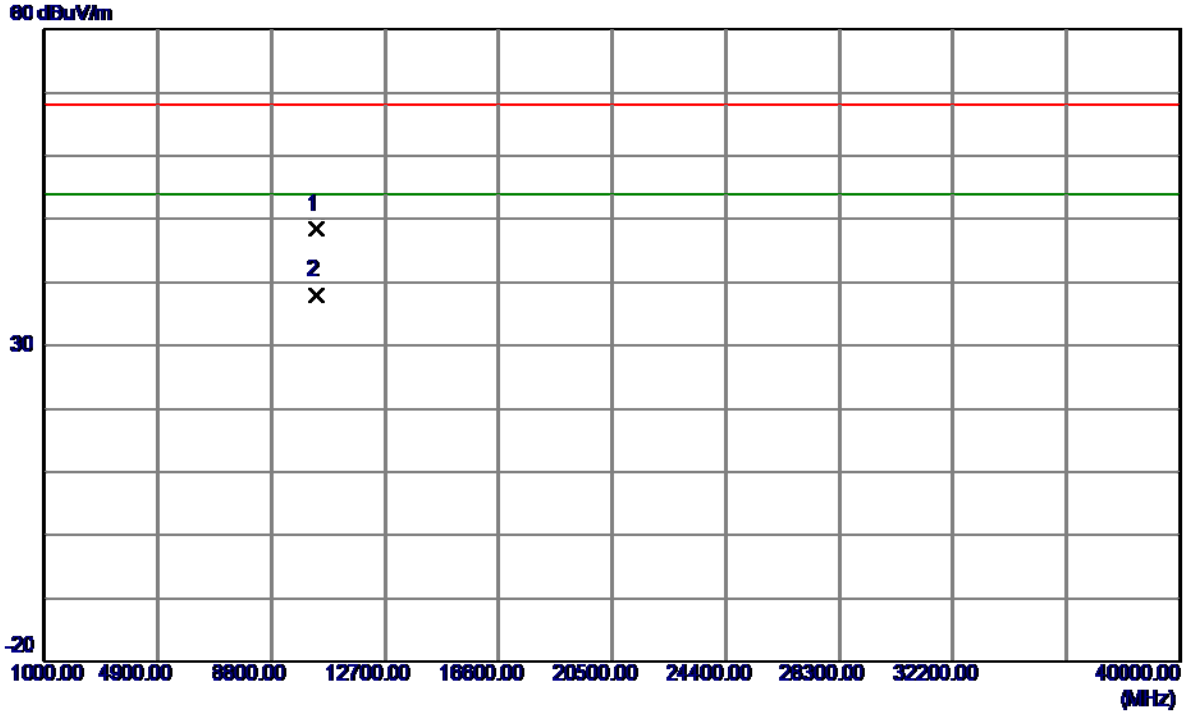
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.28	41.10	53.38	68.30	-14.92	Peak	
2	5150.0000	2.77	41.10	43.87	54.00	-10.13	AVG	
3	5191.4000	58.90	41.31	100.21	68.30	31.91	Peak	No Limit
4 *	5192.2000	49.90	41.32	91.22	54.00	37.22	AVG	No Limit

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

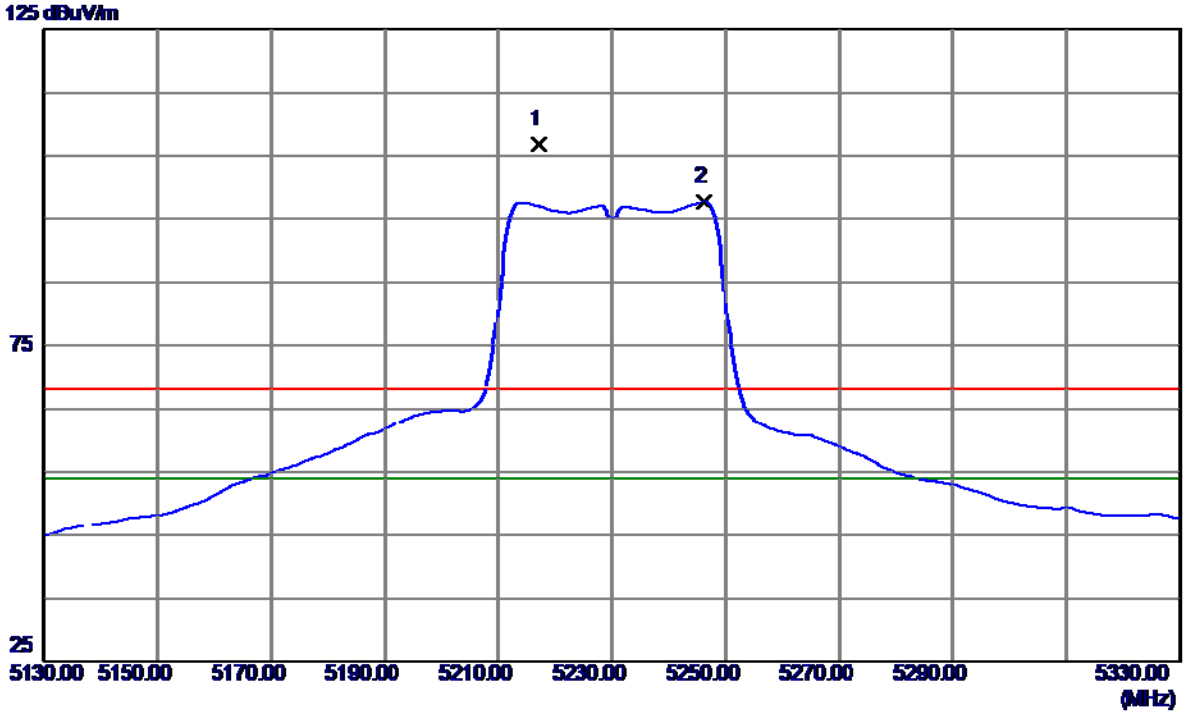
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.7580	31.31	17.16	48.47	68.30	-19.83	Peak	
2 *	10380.0830	20.82	17.16	37.98	54.00	-16.02	AVG	

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

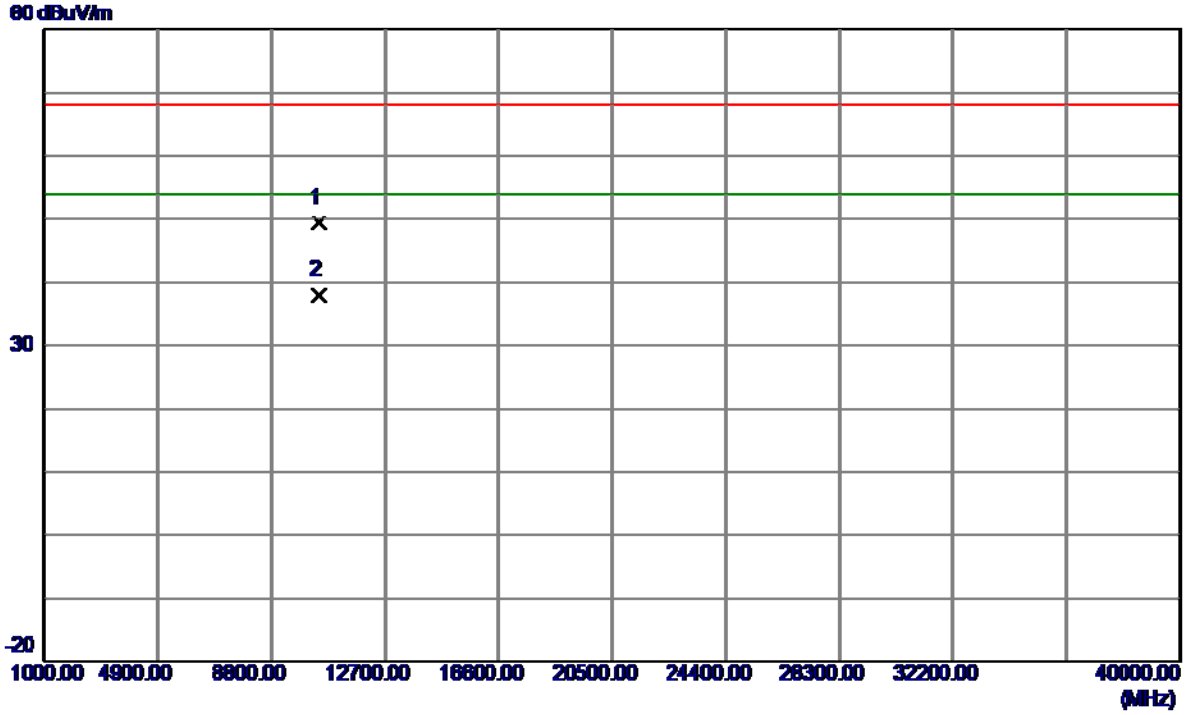
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5217.2000	65.34	41.44	106.78	68.30	38.48	Peak	No Limit
2 *	5246.2000	56.15	41.59	97.74	54.00	43.74	AVG	No Limit

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

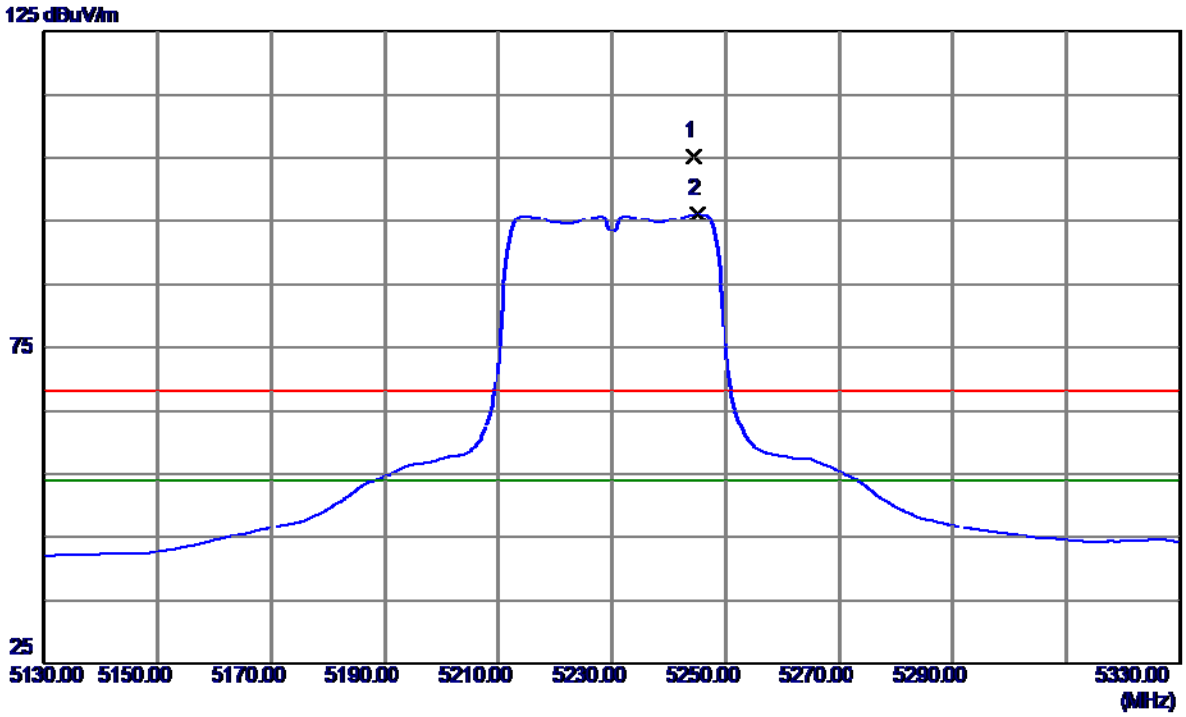
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.8230	32.07	17.39	49.46	68.30	-18.84	Peak	
2 *	10460.8760	20.57	17.39	37.96	54.00	-16.04	AVG	

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

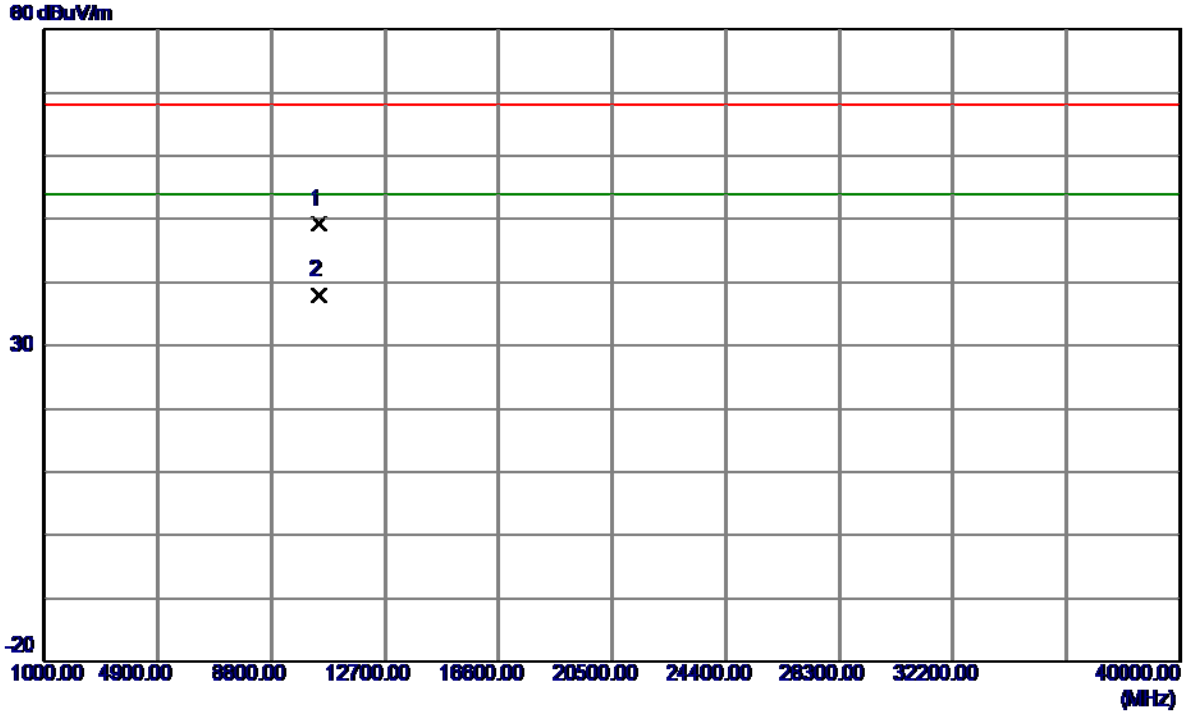
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5244.4000	63.67	41.58	105.25	68.30	36.95	Peak	No Limit
2 *	5245.2000	54.53	41.59	96.12	54.00	42.12	AVG	No Limit

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

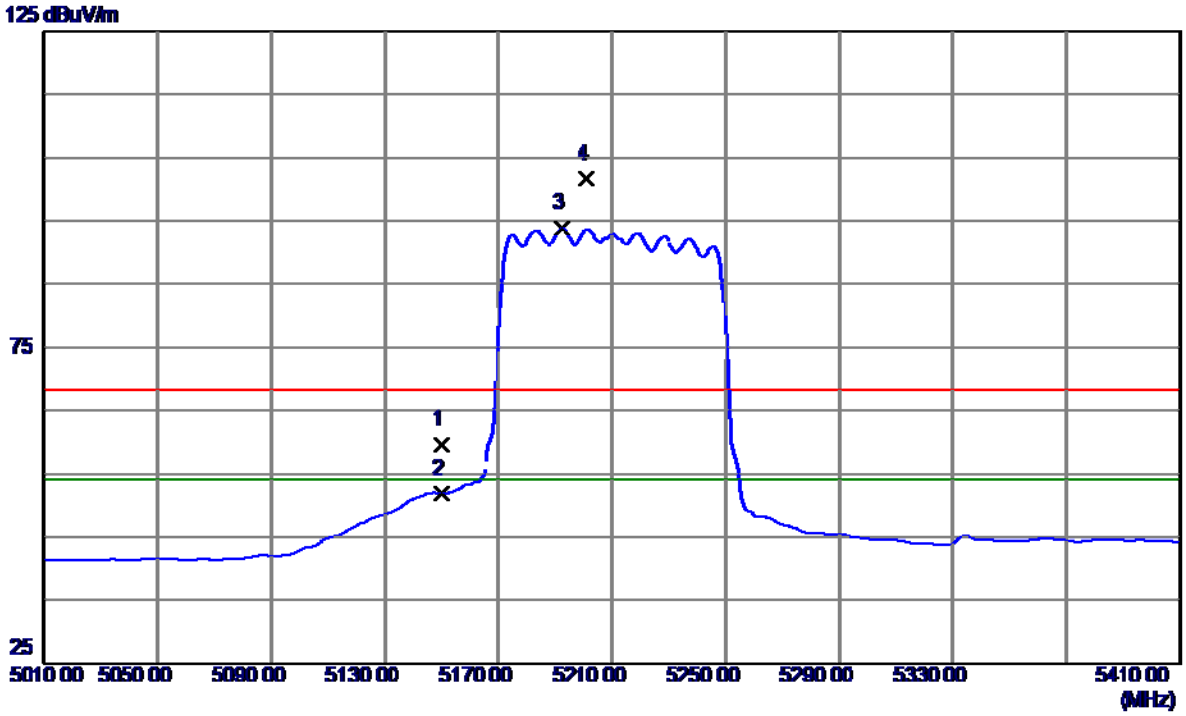
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.0740	31.81	17.39	49.20	68.30	-19.10	Peak	
2 *	10460.1520	20.61	17.39	38.00	54.00	-16.00	AVG	

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

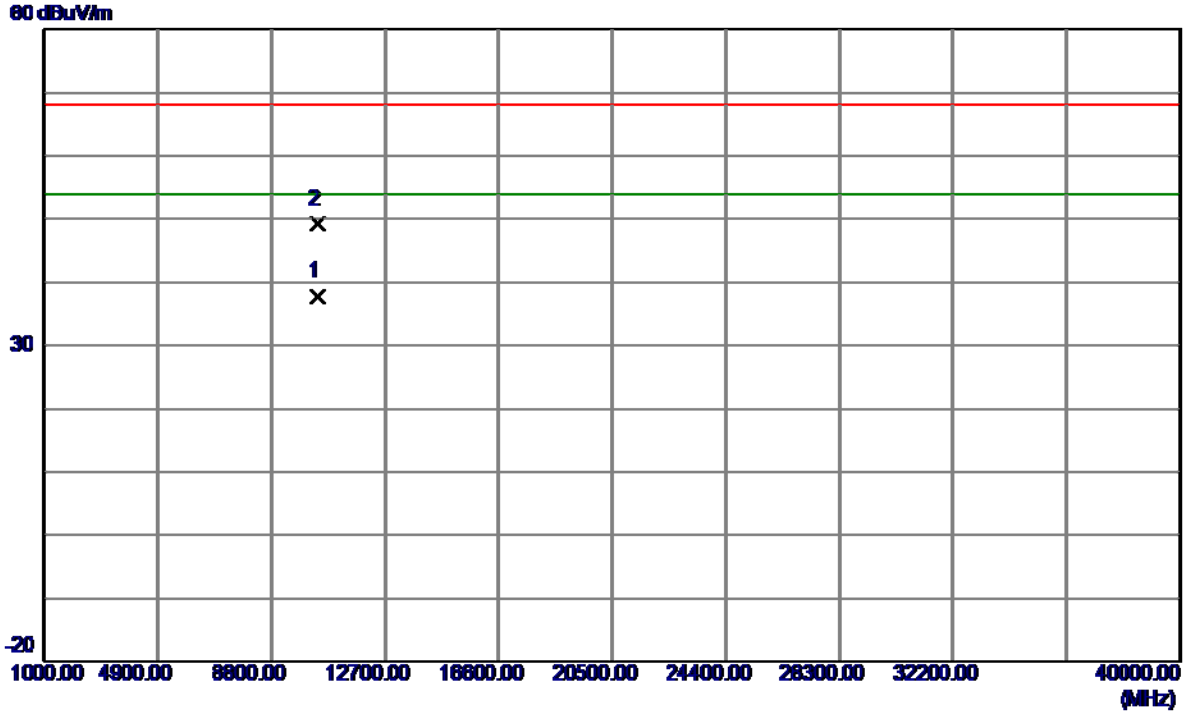
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.50	41.10	59.60	68.30	-8.70	Peak	
2	5150.0000	10.68	41.10	51.78	54.00	-2.22	AVG	
3 *	5192.4000	52.45	41.32	93.77	54.00	39.77	AVG	No Limit
4	5201.2000	60.16	41.36	101.52	68.30	33.22	Peak	No Limit

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

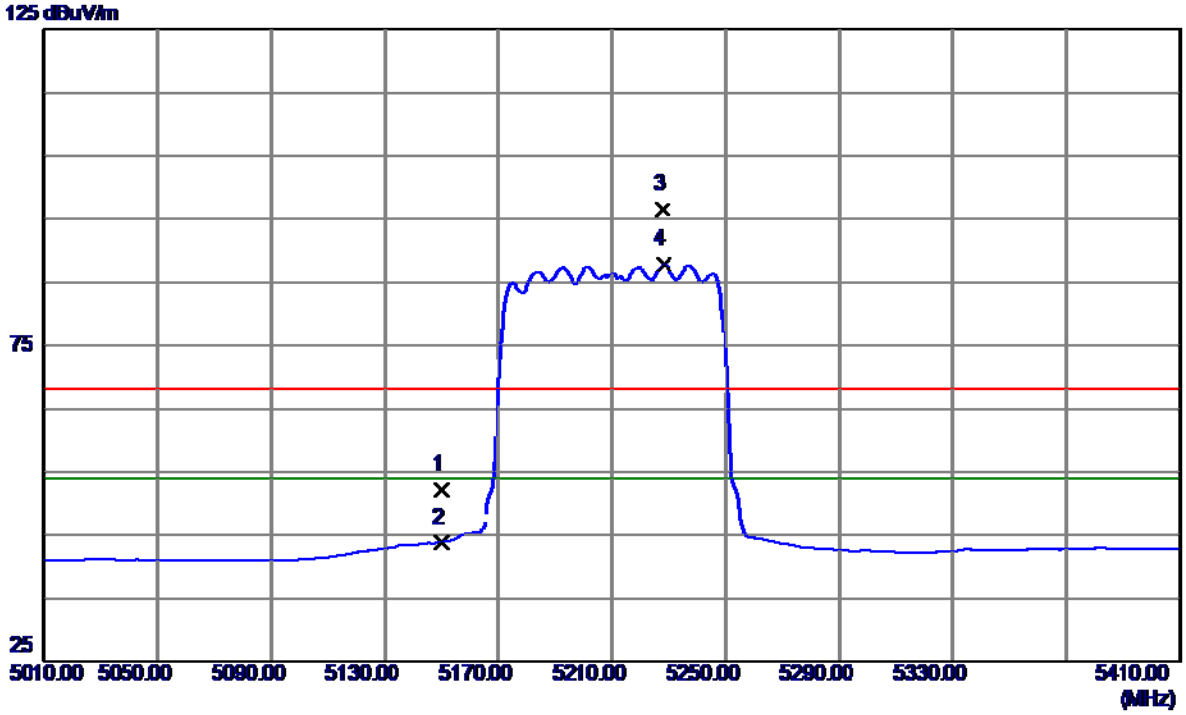
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.2160	20.45	17.27	37.72	54.00	-16.28	AVG	
2	10420.4980	31.90	17.28	49.18	68.30	-19.12	Peak	

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

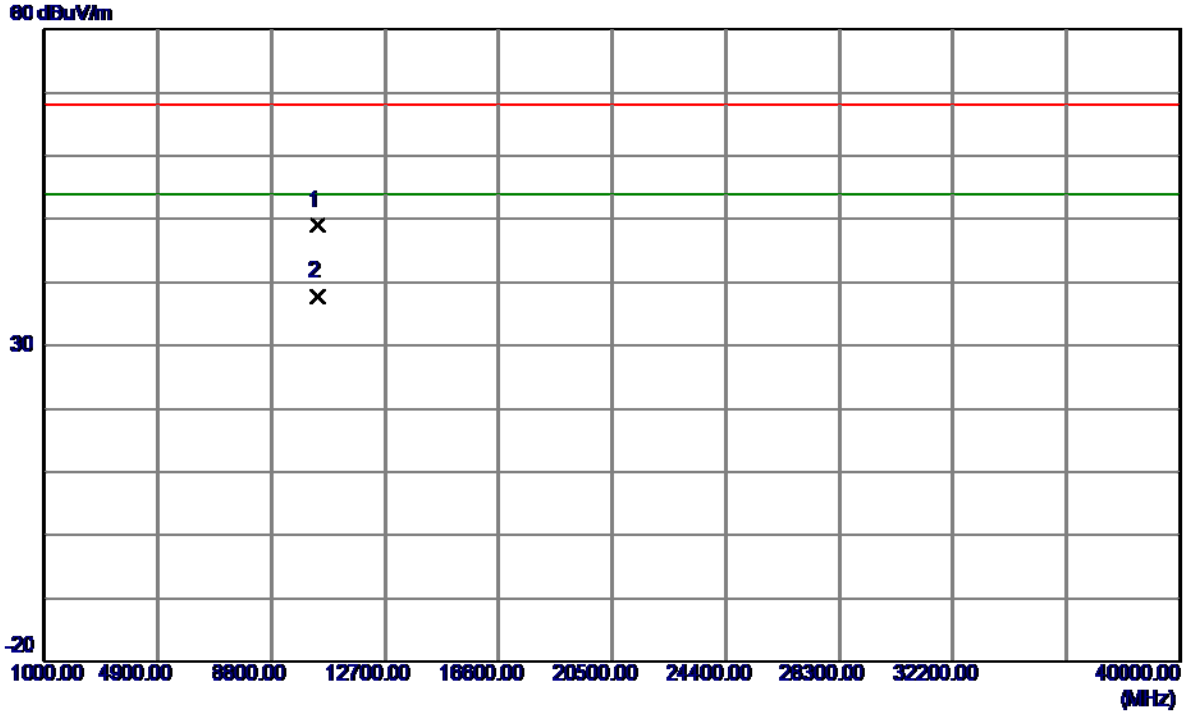
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.17	41.10	52.27	68.30	-16.03	Peak	
2	5150.0000	2.76	41.10	43.86	54.00	-10.14	AVG	
3	5227.6000	55.11	41.50	96.61	68.30	28.31	Peak	No Limit
4 *	5228.0000	46.32	41.50	87.82	54.00	33.82	AVG	No Limit

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

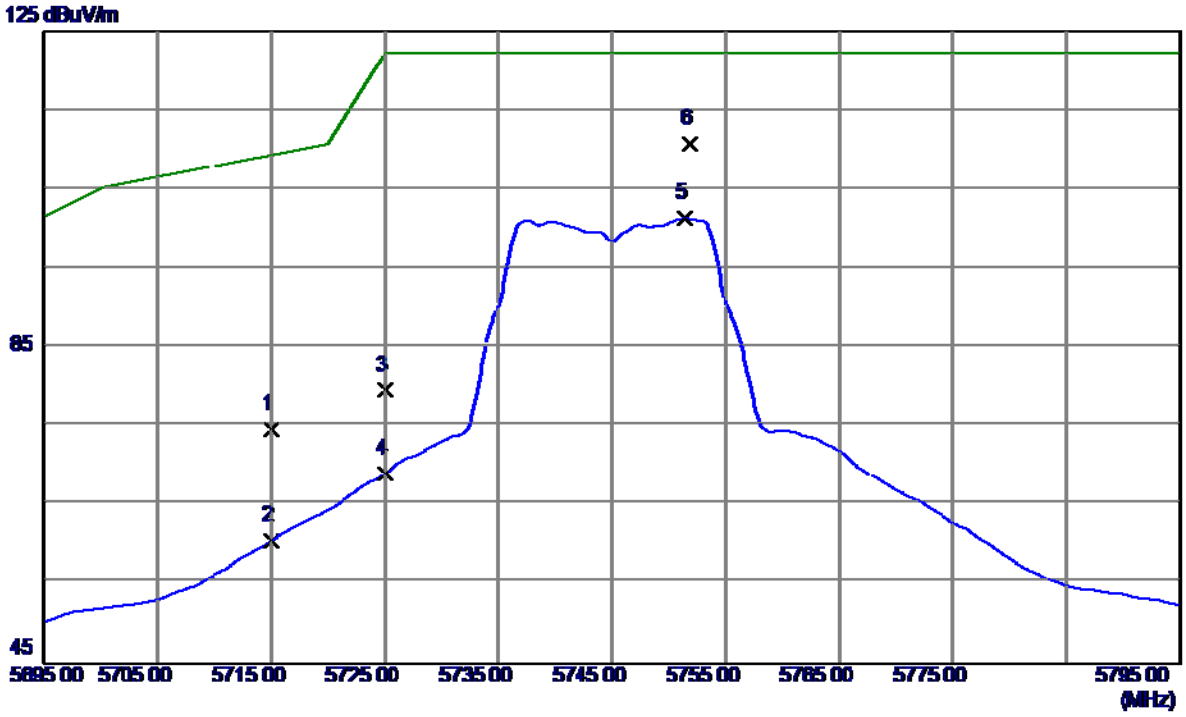
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10420.2300	31.79	17.28	49.07	68.30	-19.23	Peak	
2 *	10420.3530	20.60	17.28	37.88	54.00	-16.12	AVG	

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

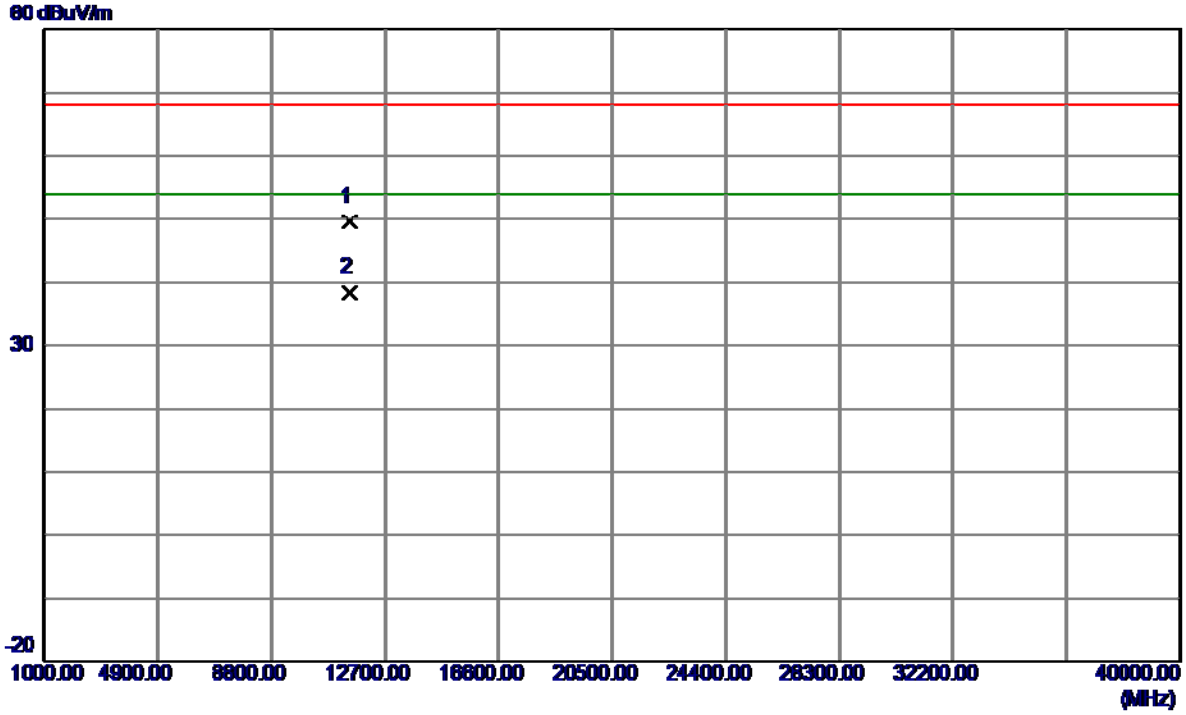
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	31.02	43.53	74.55	109.40	-34.85	Peak	
2	5715.0000	16.98	43.53	60.51	109.40	-48.89	AVG	
3	5725.0000	36.05	43.56	79.61	122.20	-42.59	Peak	
4	5725.0000	25.51	43.56	69.07	122.20	-53.13	AVG	
5	5751.4000	57.63	43.64	101.27	122.20	-20.93	AVG	
6 *	5751.9000	67.06	43.64	110.70	122.20	-11.50	Peak	

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

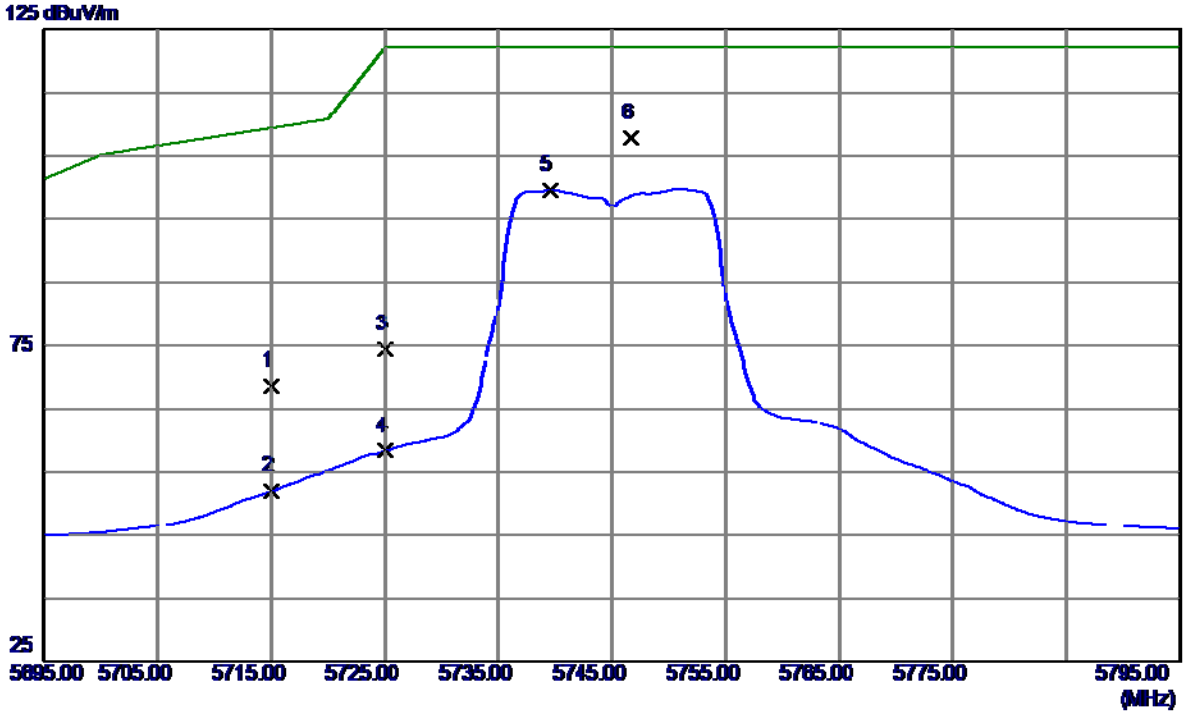
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.8040	31.44	18.20	49.64	68.30	-18.66	Peak	
2 *	11489.9220	20.25	18.20	38.45	54.00	-15.55	AVG	

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

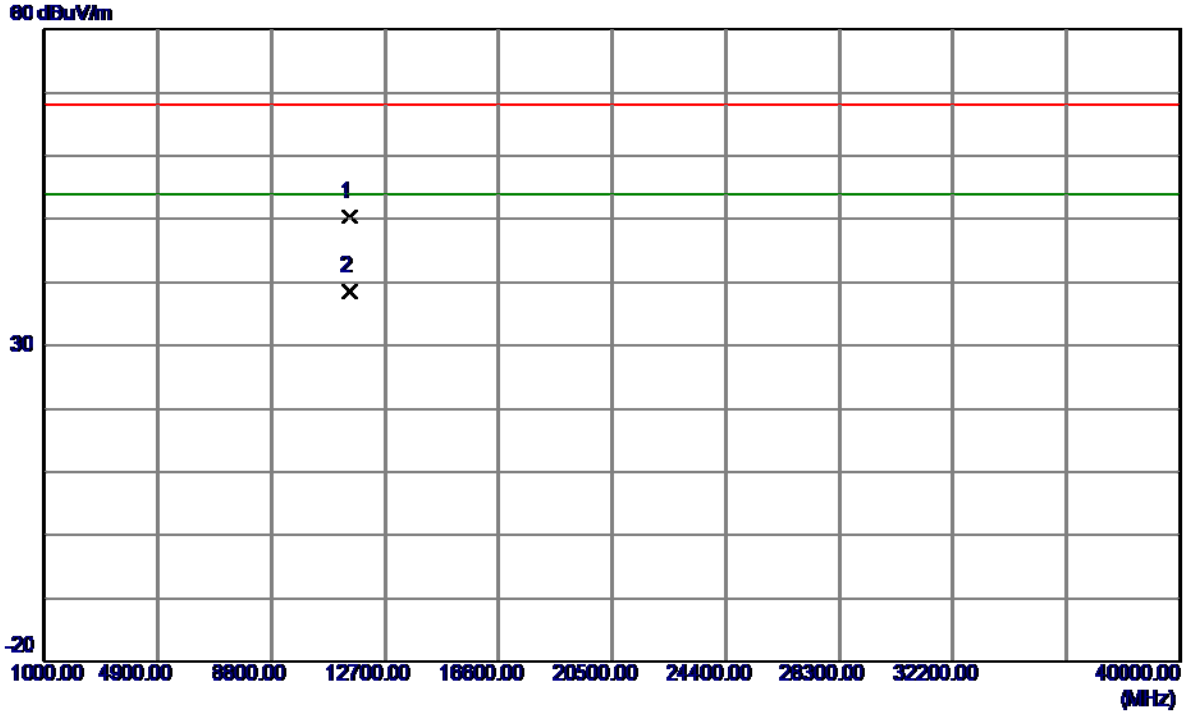
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	25.16	43.53	68.69	109.40	-40.71	Peak	
2	5715.0000	8.42	43.53	51.95	109.40	-57.45	AVG	
3	5725.0000	30.86	43.56	74.42	122.20	-47.78	Peak	
4	5725.0000	14.74	43.56	58.30	122.20	-63.90	AVG	
5	5739.5000	56.06	43.60	99.66	122.20	-22.54	AVG	
6 *	5746.7000	64.23	43.62	107.85	122.20	-14.35	Peak	

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

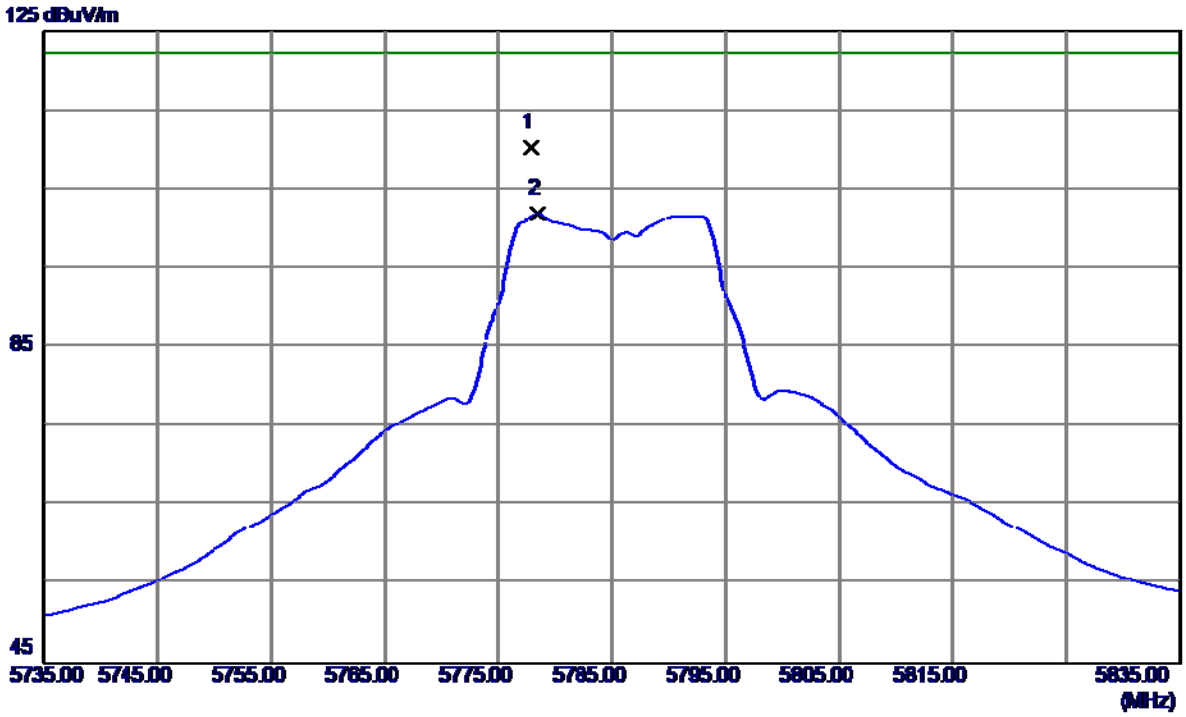
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.6410	32.16	18.20	50.36	68.30	-17.94	Peak	
2 *	11490.2570	20.42	18.20	38.62	54.00	-15.38	AVG	

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

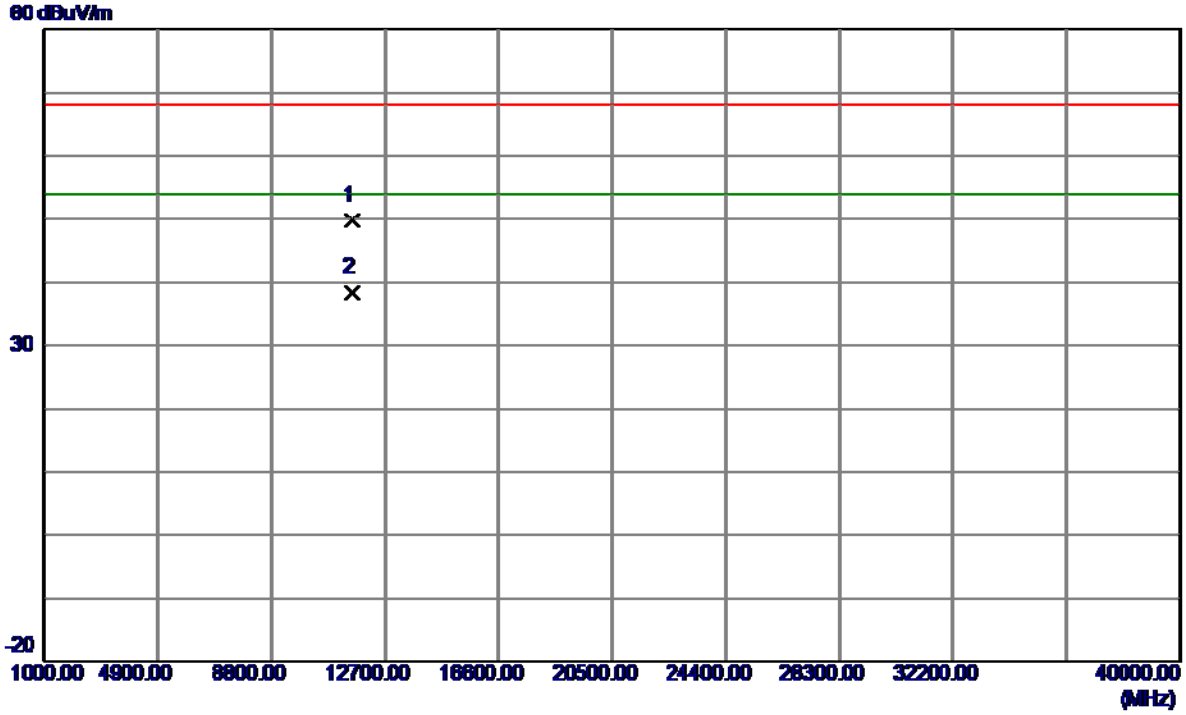
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5777.9000	66.50	43.72	110.22	122.20	-11.98	Peak	
2	5778.4000	58.24	43.72	101.96	122.20	-20.24	AVG	

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

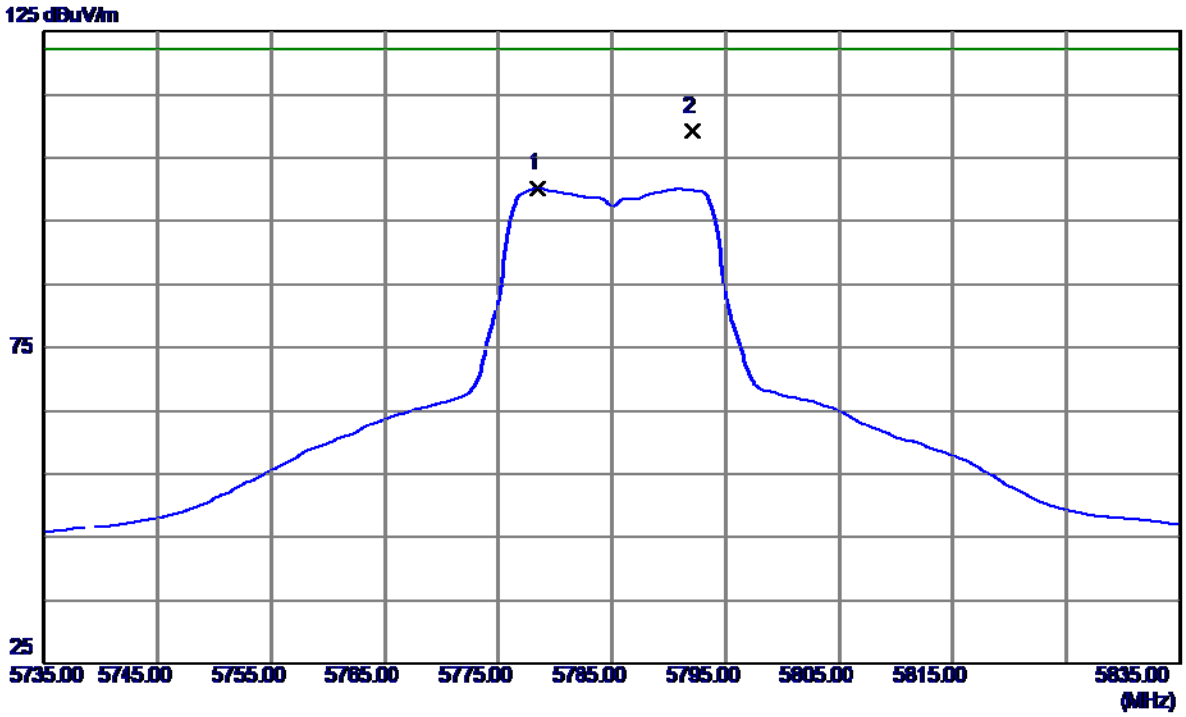
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.9580	31.58	18.20	49.78	68.30	-18.52	Peak	
2 *	11570.0119	20.26	18.20	38.46	54.00	-15.54	AVG	

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

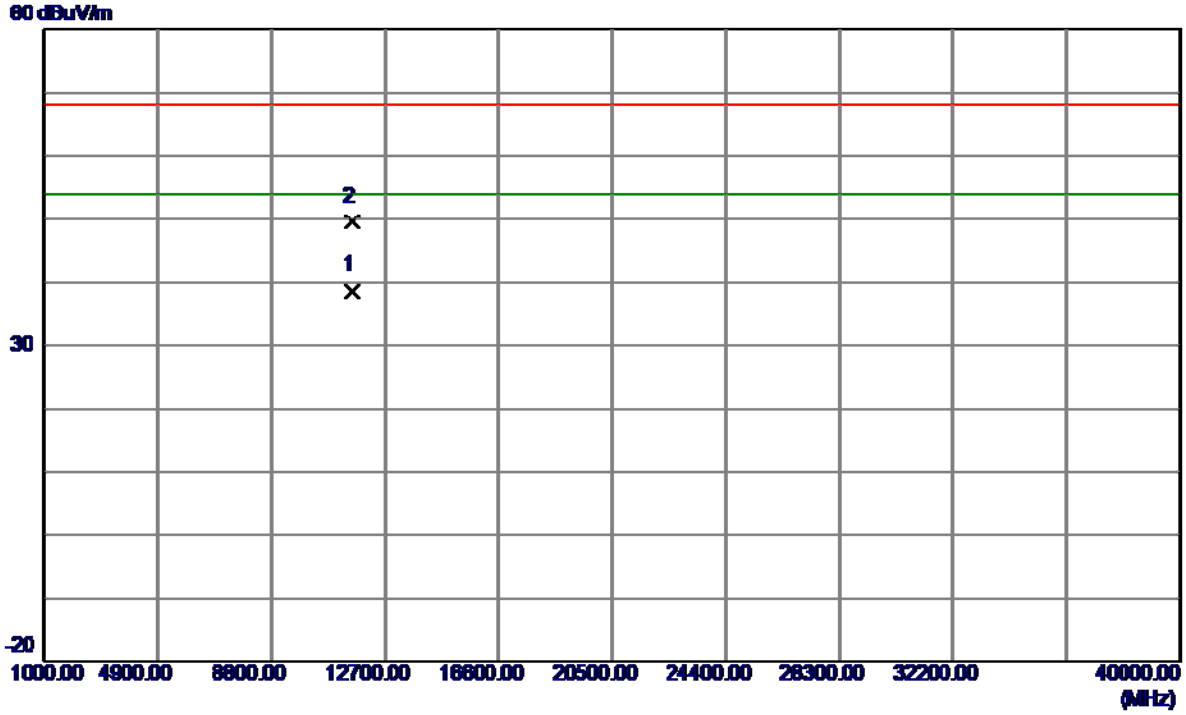
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5778.4000	56.51	43.72	100.23	122.20	-21.97	AVG	
2 *	5792.1000	65.36	43.76	109.12	122.20	-13.08	Peak	

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

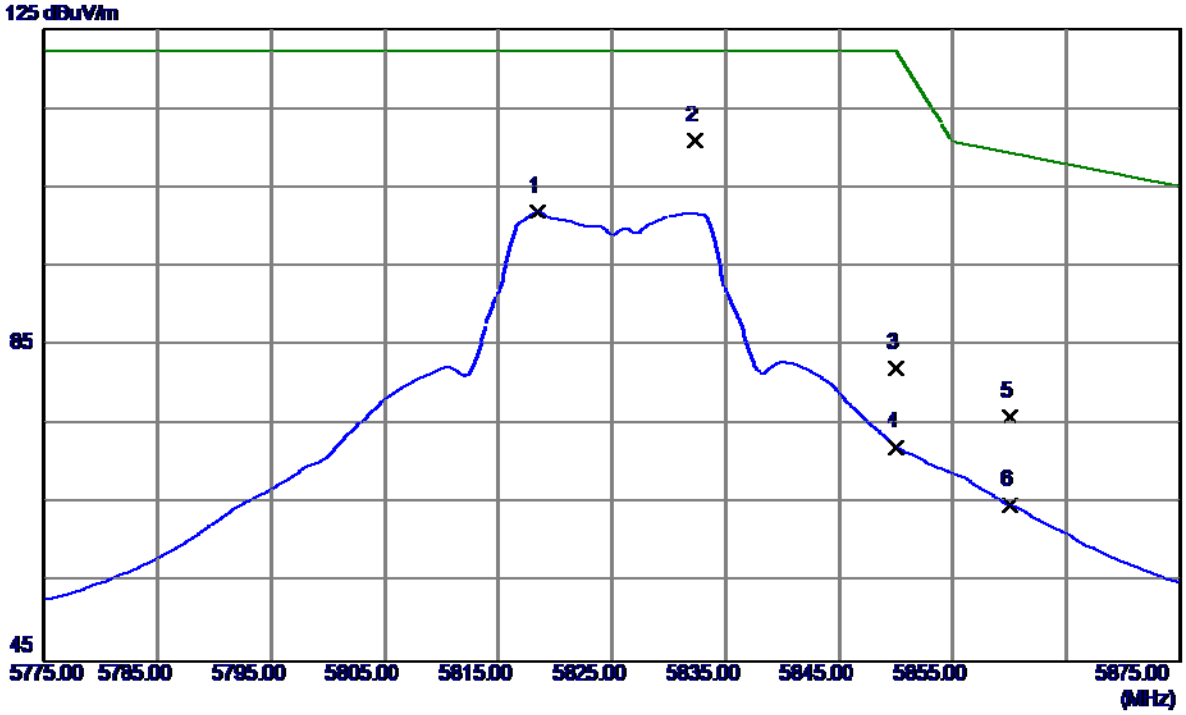
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.9000	20.50	18.20	38.70	54.00	-15.30	AVG	
2	11570.0010	31.45	18.20	49.65	68.30	-18.65	Peak	

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

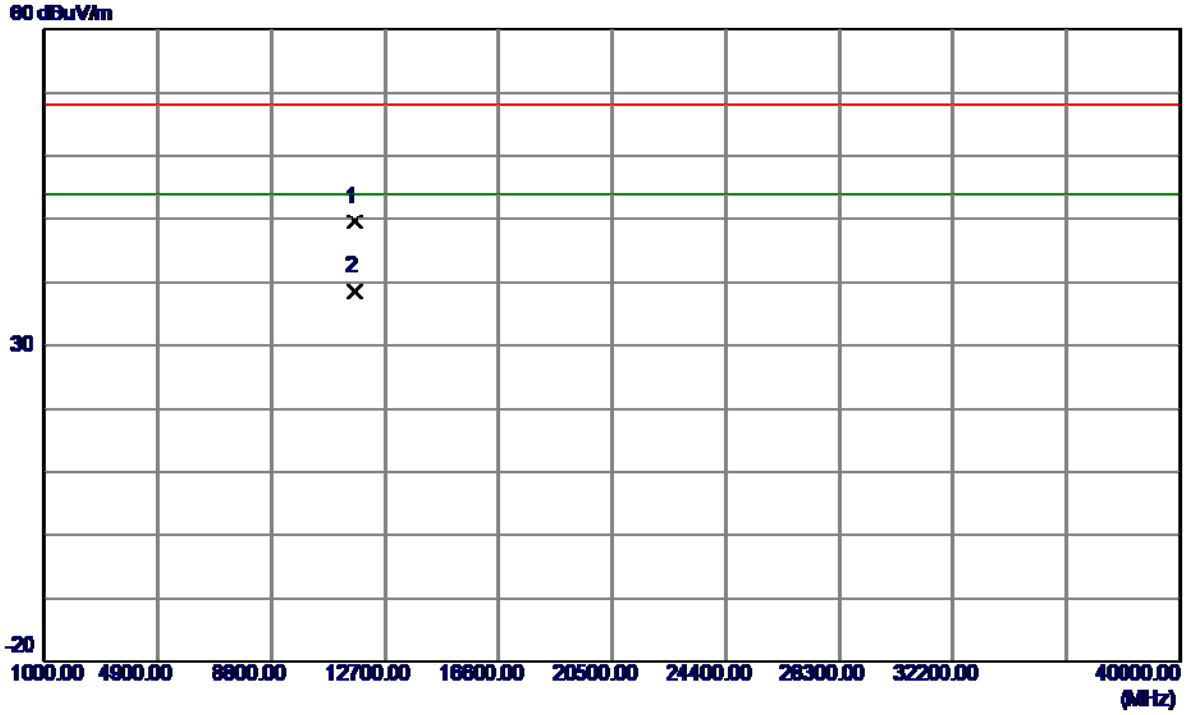
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5818.4000	58.13	43.84	101.97	122.20	-20.23	AVG	
2 *	5832.3000	67.07	43.88	110.95	122.20	-11.25	Peak	
3	5850.0000	38.21	43.94	82.15	122.20	-40.05	Peak	
4	5850.0000	28.18	43.94	72.12	122.20	-50.08	AVG	
5	5860.0000	32.08	43.97	76.05	109.40	-33.35	Peak	
6	5860.0000	20.84	43.97	64.81	109.40	-44.59	AVG	

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

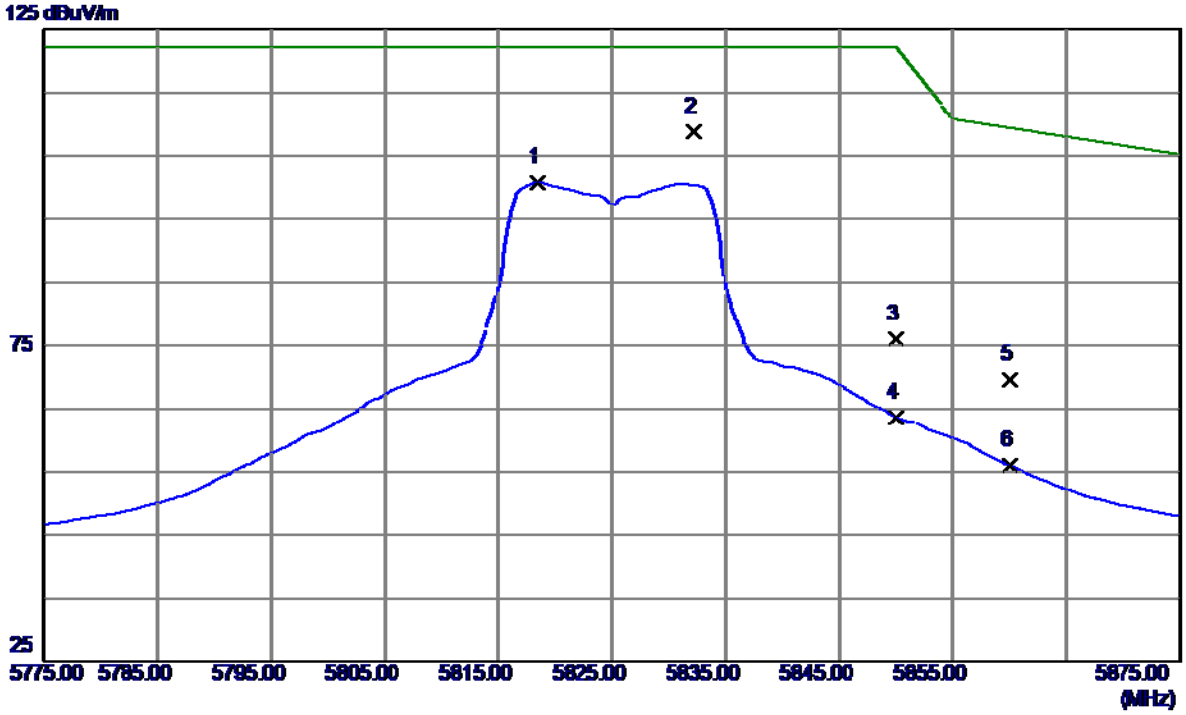
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.9240	31.46	18.17	49.63	68.30	-18.67	Peak	
2 *	11650.0480	20.35	18.17	38.52	54.00	-15.48	AVG	

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

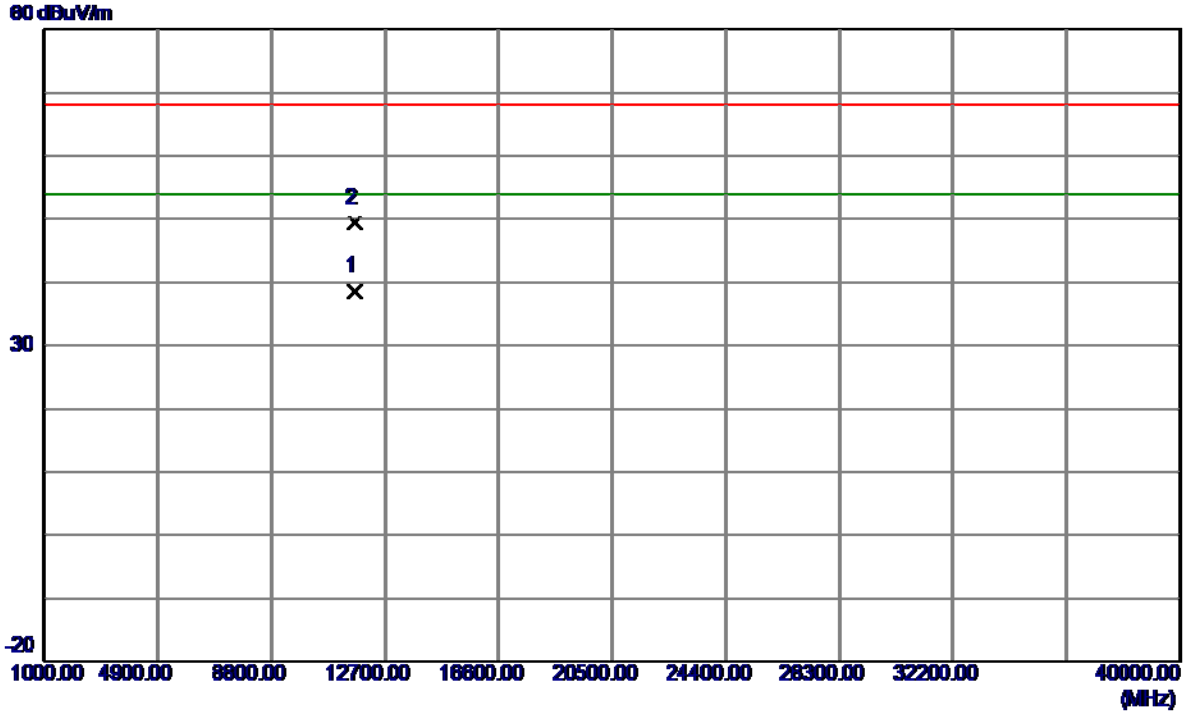
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5818.4000	57.04	43.84	100.88	122.20	-21.32	AVG	
2 *	5832.2000	64.99	43.88	108.87	122.20	-13.33	Peak	
3	5850.0000	31.99	43.94	75.93	122.20	-46.27	Peak	
4	5850.0000	19.67	43.94	63.61	122.20	-58.59	AVG	
5	5860.0000	25.56	43.97	69.53	109.40	-39.87	Peak	
6	5860.0000	11.94	43.97	55.91	109.40	-53.49	AVG	

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

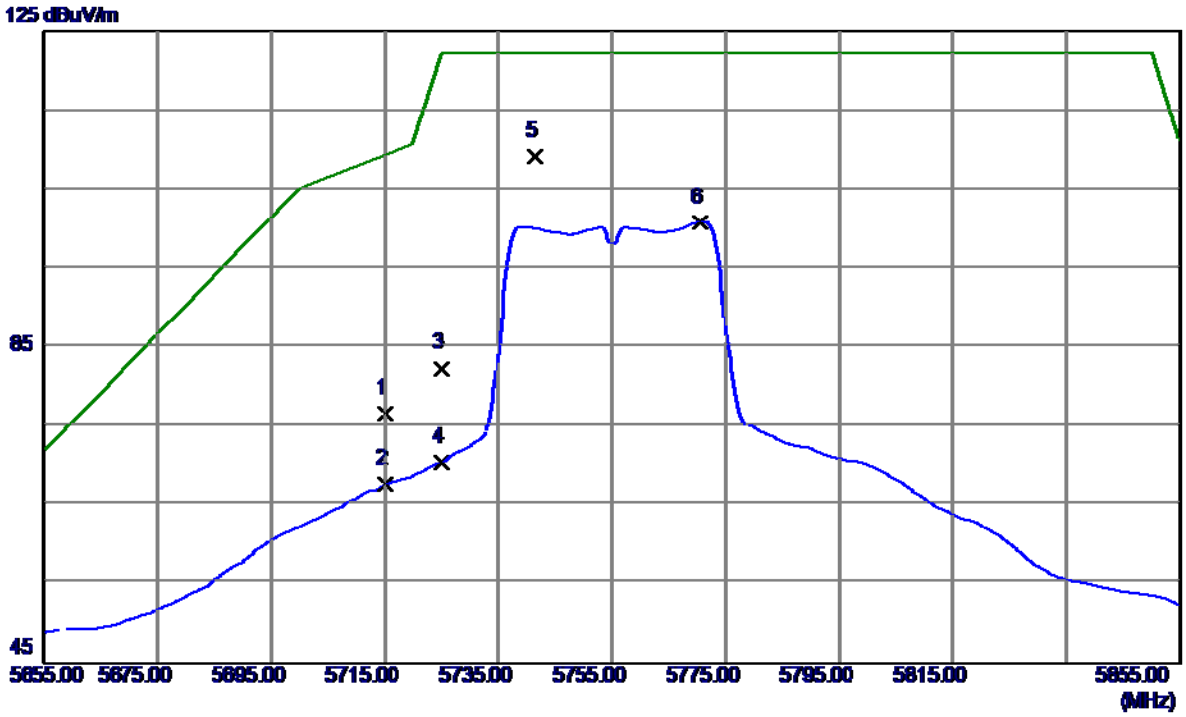
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.9100	20.39	18.17	38.56	54.00	-15.44	AVG	
2	11650.3170	31.31	18.17	49.48	68.30	-18.82	Peak	

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

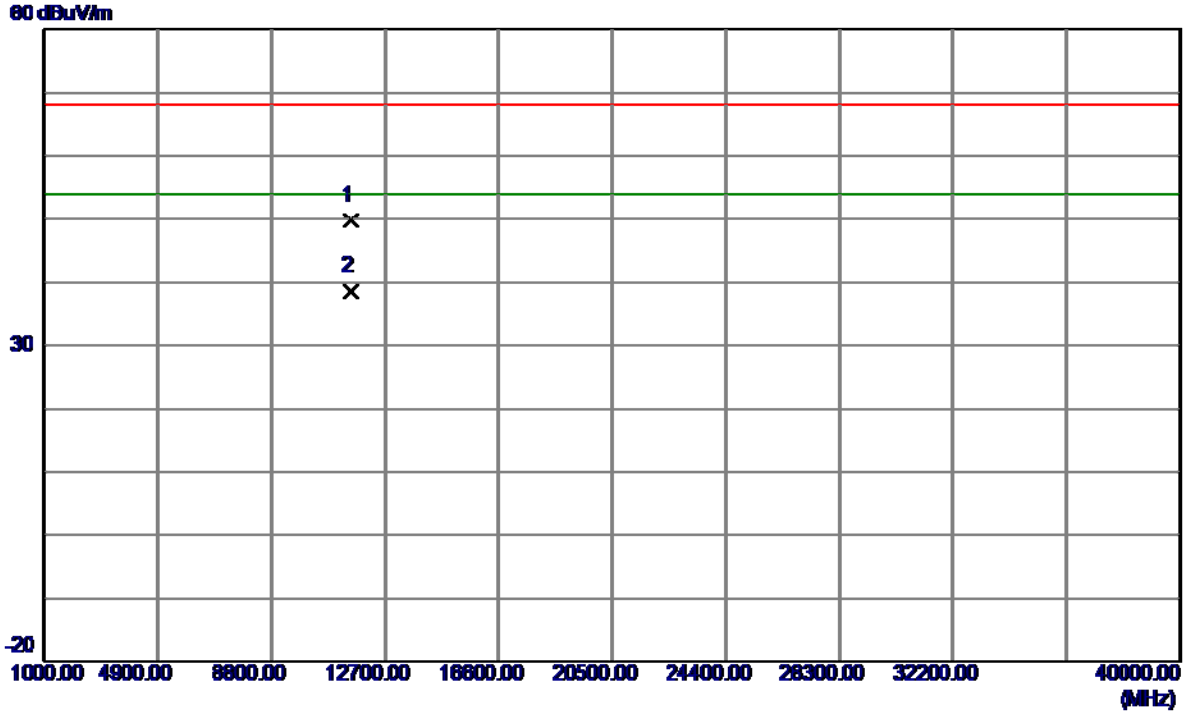
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	33.19	43.53	76.72	109.40	-32.68	Peak	
2	5715.0000	24.14	43.53	67.67	109.40	-41.73	AVG	
3	5725.0000	38.80	43.56	82.36	122.20	-39.84	Peak	
4	5725.0000	26.85	43.56	70.41	122.20	-51.79	AVG	
5 *	5741.4000	65.54	43.61	109.15	122.20	-13.05	Peak	
6	5770.6000	57.16	43.70	100.86	122.20	-21.34	AVG	

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

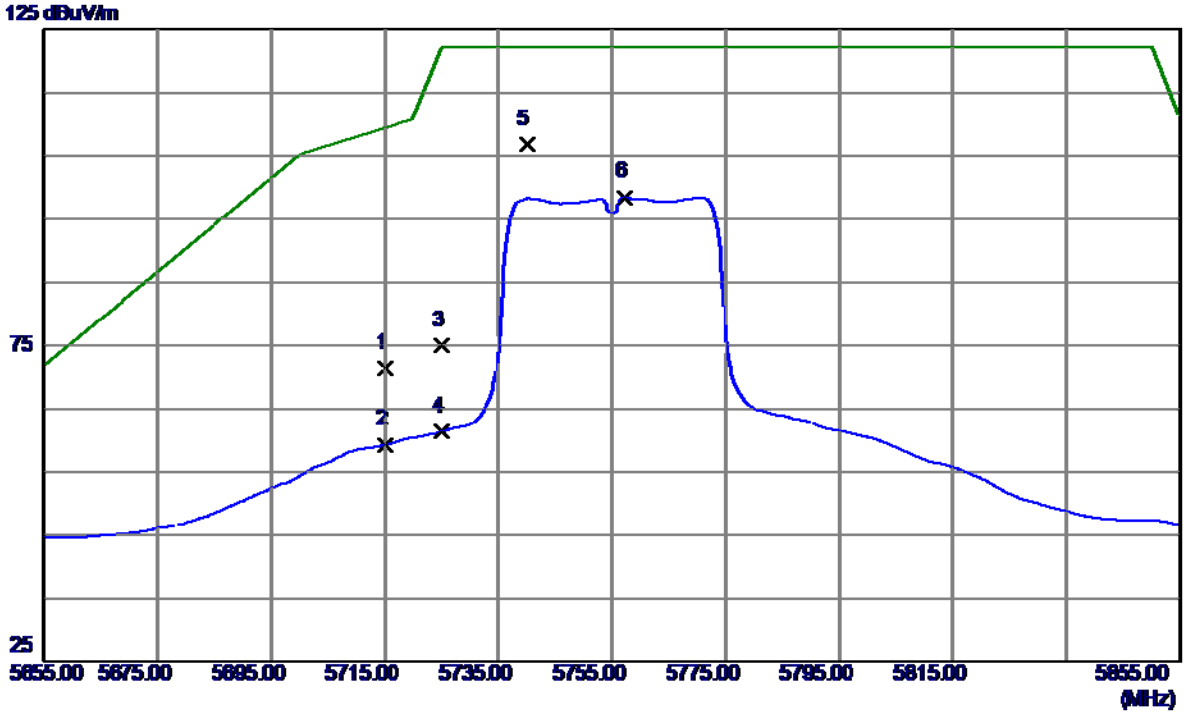
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11509.6580	31.63	18.22	49.85	68.30	-18.45	Peak	
2 *	11509.6980	20.34	18.22	38.56	54.00	-15.44	AVG	

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

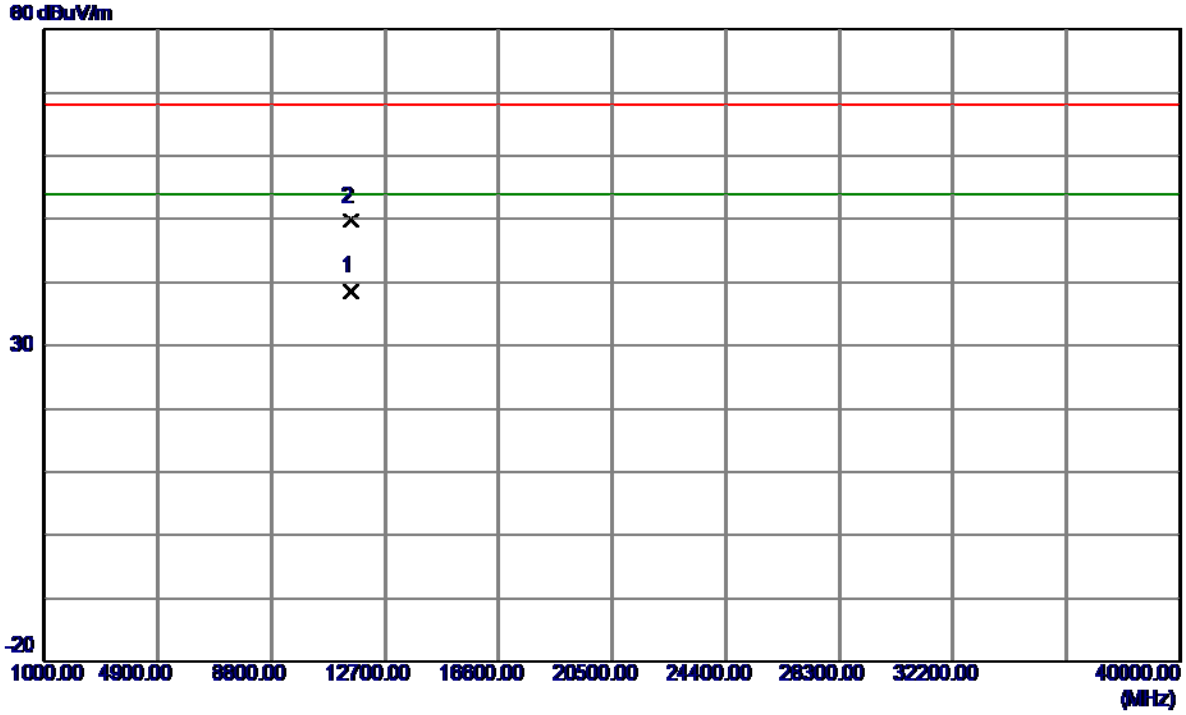
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	27.82	43.53	71.35	109.40	-38.05	Peak	
2	5715.0000	15.77	43.53	59.30	109.40	-50.10	AVG	
3	5725.0000	31.48	43.56	75.04	122.20	-47.16	Peak	
4	5725.0000	17.80	43.56	61.36	122.20	-60.84	AVG	
5 *	5740.0000	63.16	43.60	106.76	122.20	-15.44	Peak	
6	5757.2000	54.84	43.66	98.50	122.20	-23.70	AVG	

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

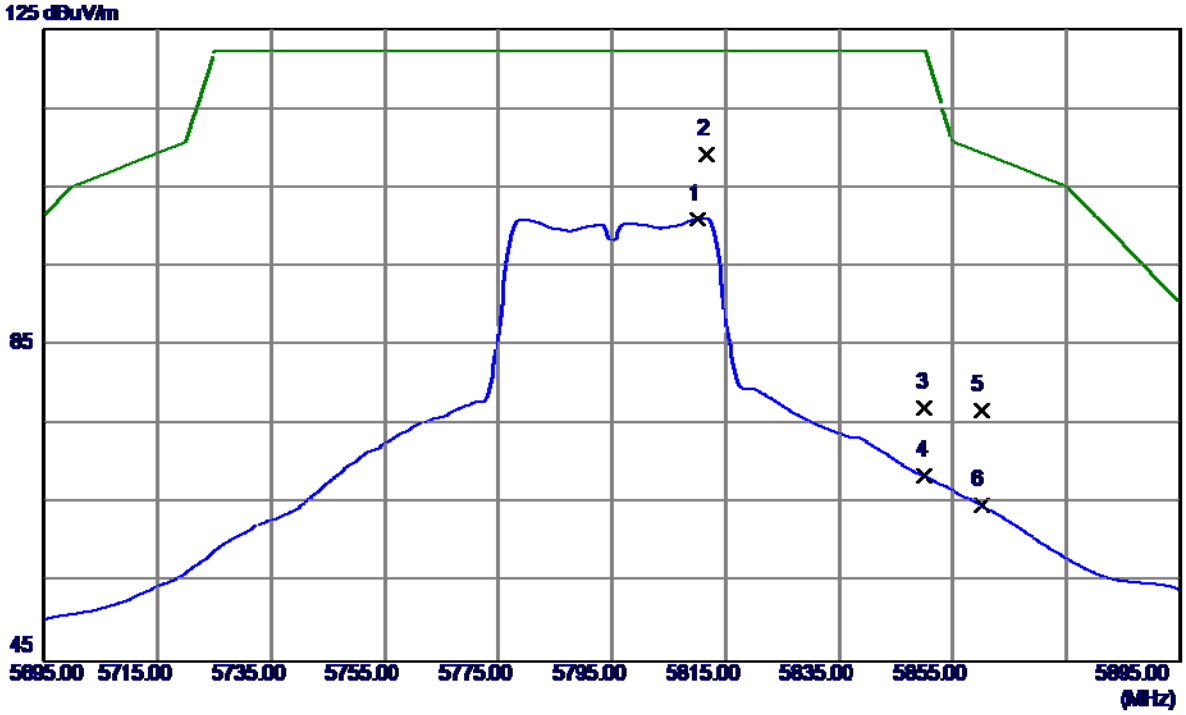
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.6769	20.34	18.22	38.56	54.00	-15.44	AVG	
2	11509.9370	31.48	18.22	49.70	68.30	-18.60	Peak	

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

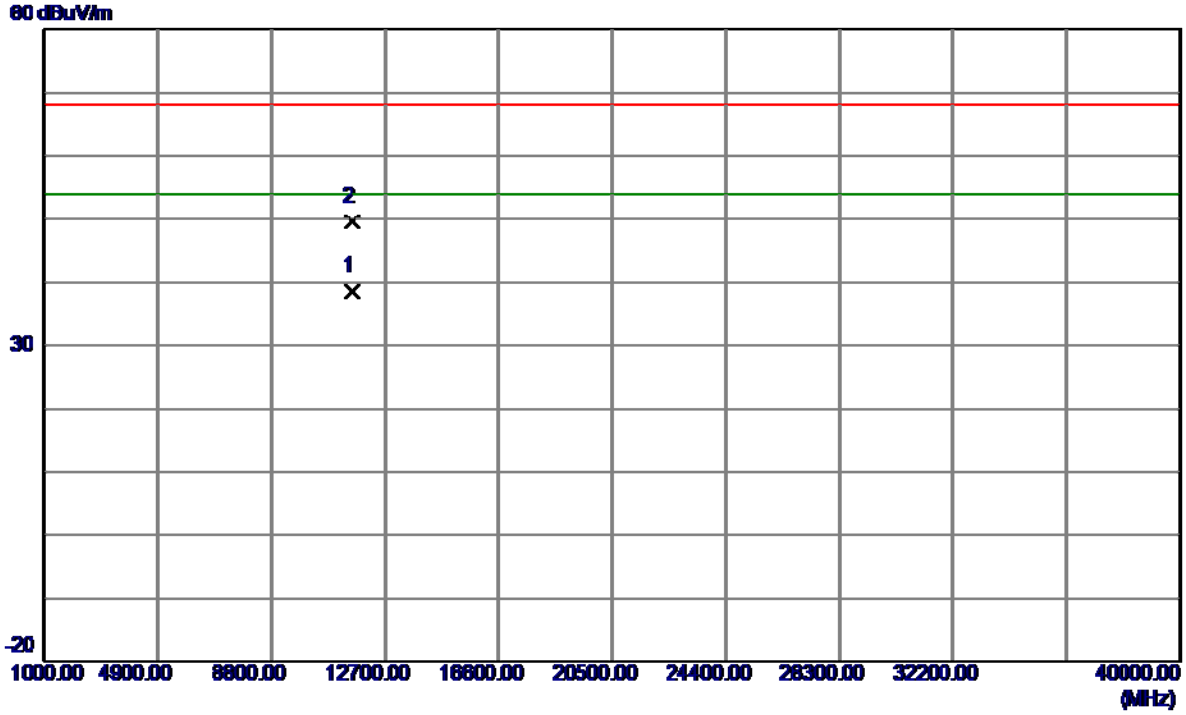
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5810.2000	57.16	43.82	100.98	122.20	-21.22	AVG	
2 *	5811.6000	65.38	43.82	109.20	122.20	-13.00	Peak	
3	5850.0000	33.29	43.94	77.23	122.20	-44.97	Peak	
4	5850.0000	24.51	43.94	68.45	122.20	-53.75	AVG	
5	5860.0000	32.93	43.97	76.90	109.40	-32.50	Peak	
6	5860.0000	20.81	43.97	64.78	109.40	-44.62	AVG	

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

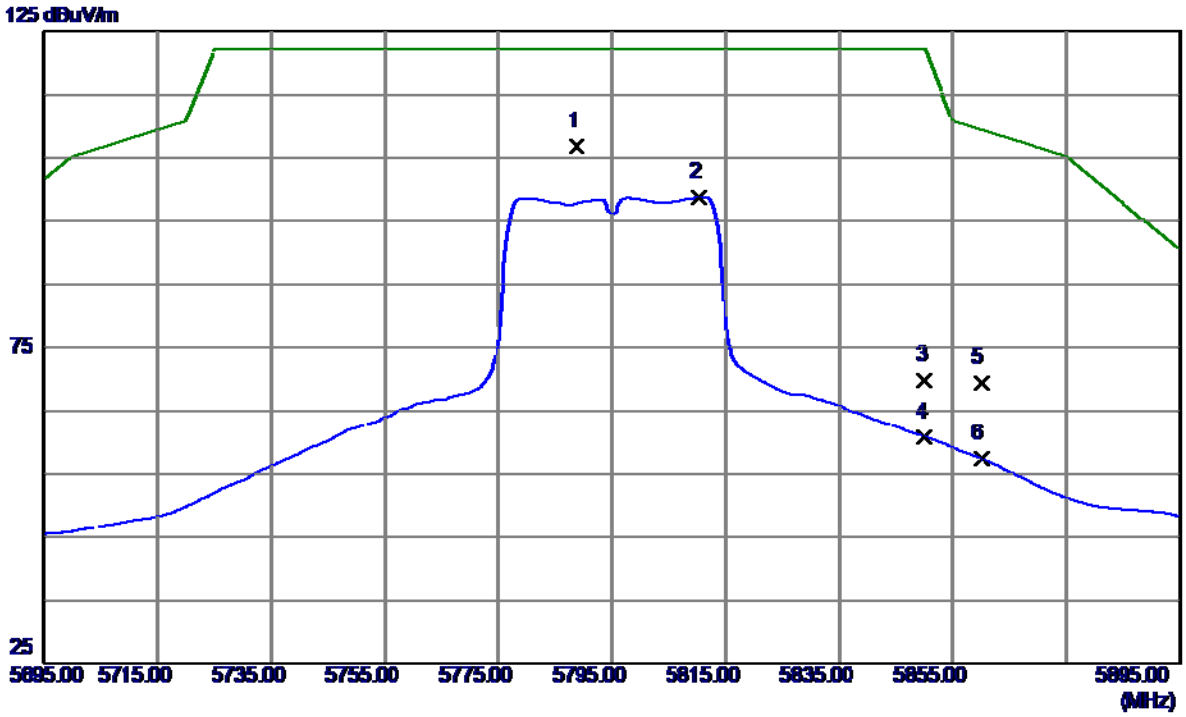
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11589.7220	20.37	18.19	38.56	54.00	-15.44	AVG	
2	11590.0750	31.49	18.19	49.68	68.30	-18.62	Peak	

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

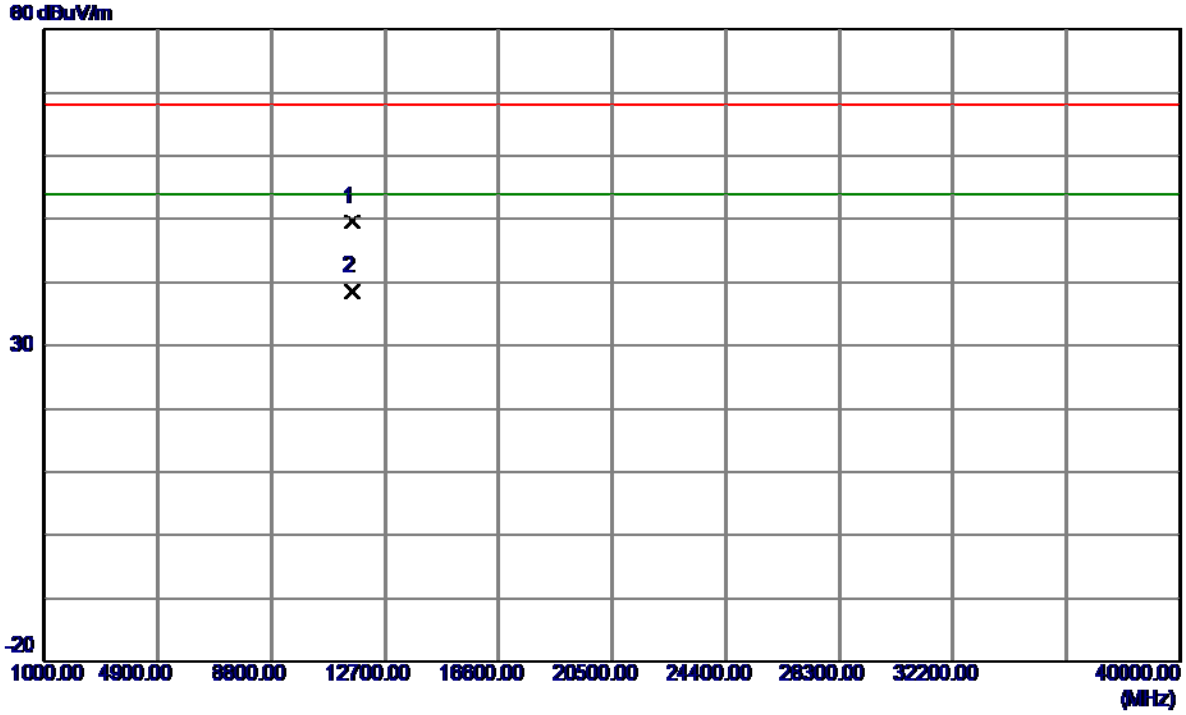
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5788.8000	63.06	43.75	106.81	122.20	-15.39	Peak	
2	5810.4000	55.00	43.82	98.82	122.20	-23.38	AVG	
3	5850.0000	25.92	43.94	69.86	122.20	-52.34	Peak	
4	5850.0000	16.94	43.94	60.88	122.20	-61.32	AVG	
5	5860.0000	25.35	43.97	69.32	109.40	-40.08	Peak	
6	5860.0000	13.39	43.97	57.36	109.40	-52.04	AVG	

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

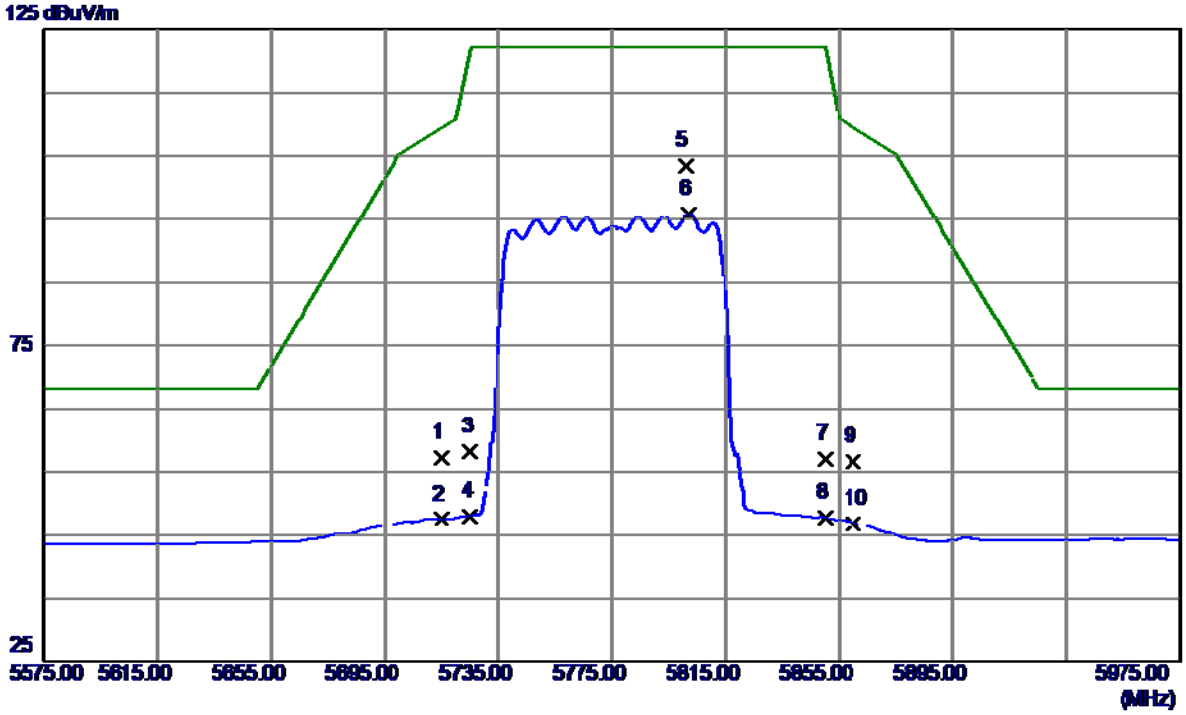
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.5430	31.48	18.19	49.67	68.30	-18.63	Peak	
2 *	11589.8200	20.41	18.19	38.60	54.00	-15.40	AVG	

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

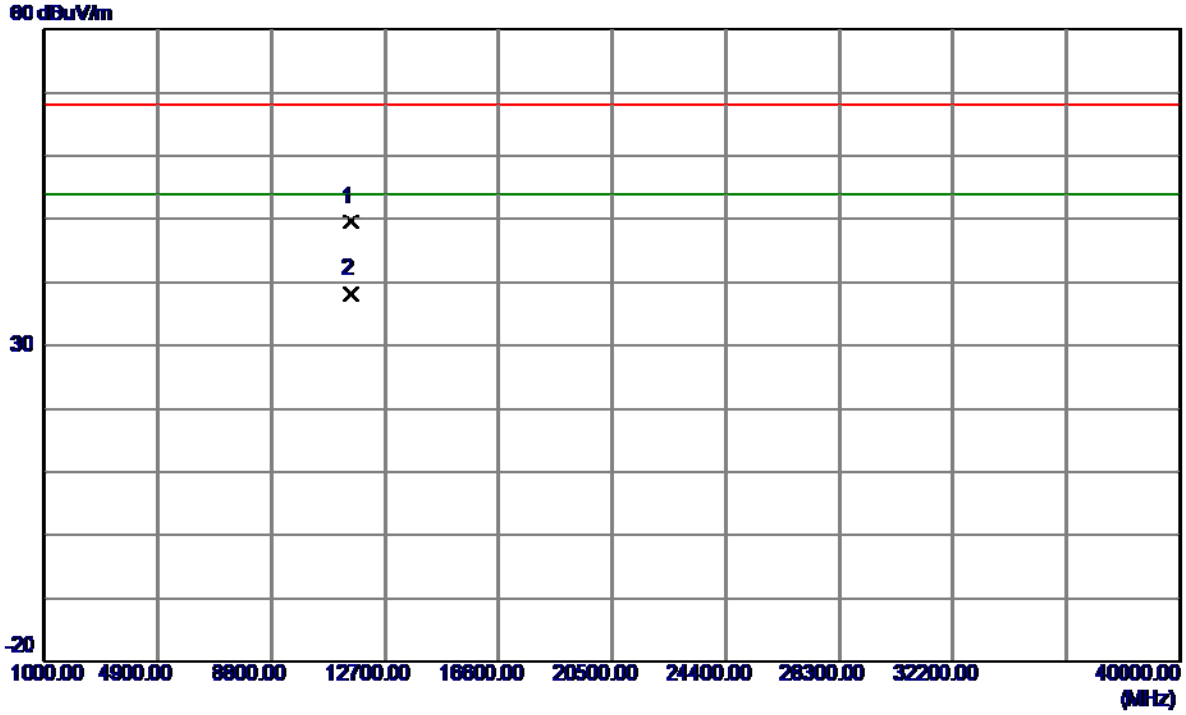
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.75	43.53	57.28	109.40	-52.12	Peak	
2	5715.0000	3.97	43.53	47.50	109.40	-61.90	AVG	
3	5725.0000	14.66	43.56	58.22	122.20	-63.98	Peak	
4	5725.0000	4.53	43.56	48.09	122.20	-74.11	AVG	
5 *	5801.0000	59.64	43.79	103.43	122.20	-18.77	Peak	
6	5802.2000	52.05	43.79	95.84	122.20	-26.36	AVG	
7	5850.0000	12.98	43.94	56.92	122.20	-65.28	Peak	
8	5850.0000	3.80	43.94	47.74	122.20	-74.46	AVG	
9	5860.0000	12.65	43.97	56.62	109.40	-52.78	Peak	
10	5860.0000	2.89	43.97	46.86	109.40	-62.54	AVG	

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

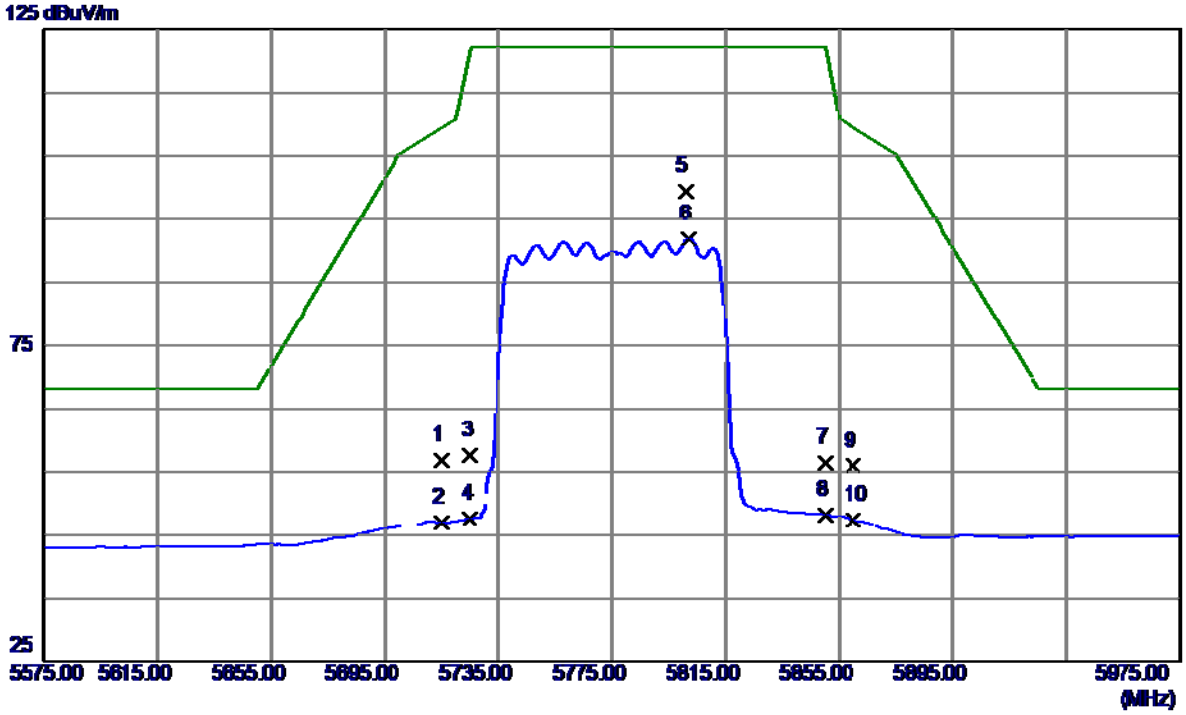
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11549.8850	31.44	18.21	49.65	68.30	-18.65	Peak	
2 *	11549.9790	19.96	18.21	38.17	54.00	-15.83	AVG	

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

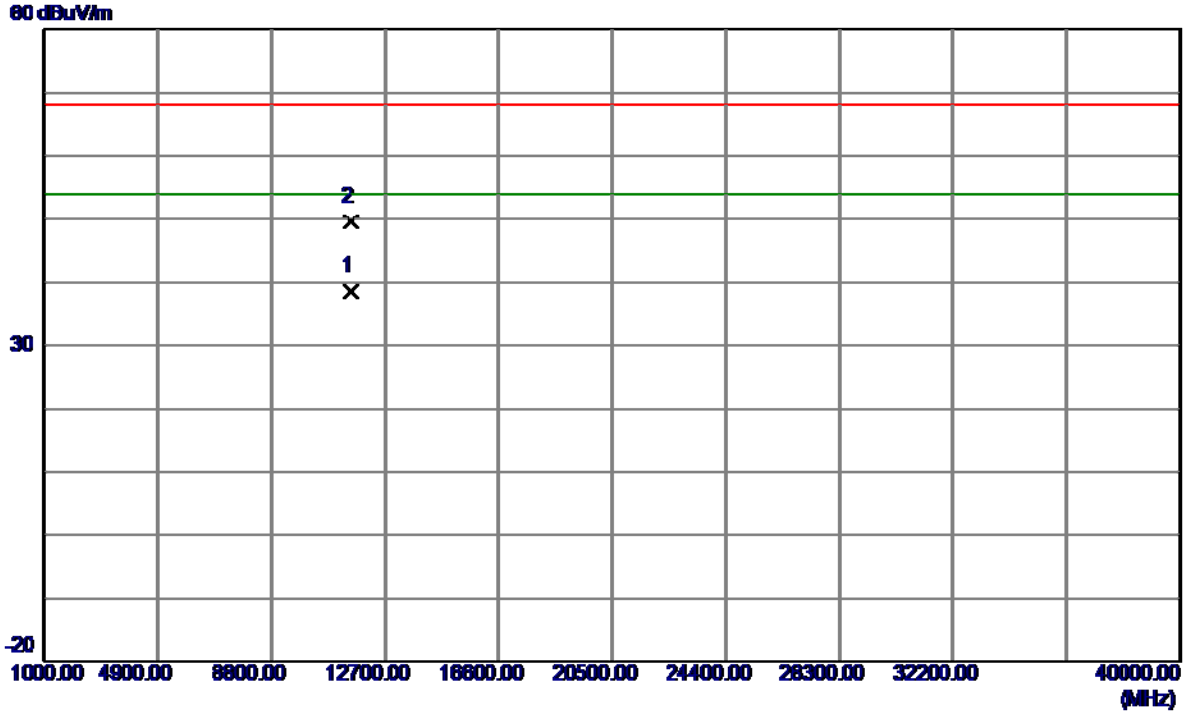
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.21	43.53	56.74	109.40	-52.66	Peak	
2	5715.0000	3.47	43.53	47.00	109.40	-62.40	AVG	
3	5725.0000	14.04	43.56	57.60	122.20	-64.60	Peak	
4	5725.0000	4.03	43.56	47.59	122.20	-74.61	AVG	
5 *	5801.0000	55.64	43.79	99.43	122.20	-22.77	Peak	
6	5802.2000	48.05	43.79	91.84	122.20	-30.36	AVG	
7	5850.0000	12.43	43.94	56.37	122.20	-65.83	Peak	
8	5850.0000	4.30	43.94	48.24	122.20	-73.96	AVG	
9	5860.0000	11.93	43.97	55.90	109.40	-53.50	Peak	
10	5860.0000	3.39	43.97	47.36	109.40	-62.04	AVG	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11549.7170	20.45	18.21	38.66	54.00	-15.34	AVG	
2	11549.7590	31.43	18.21	49.64	68.30	-18.66	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

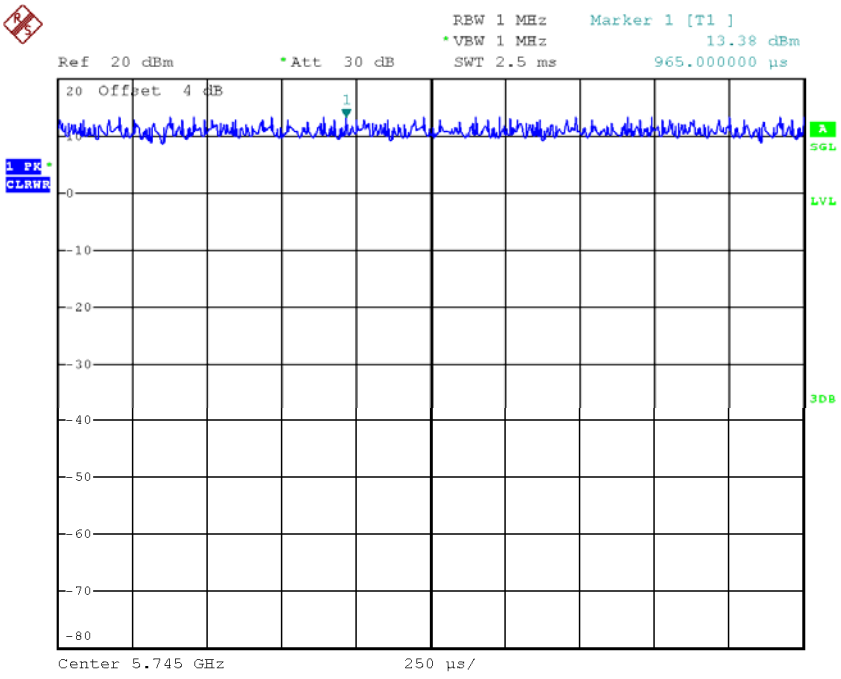
T_{ON}:100000.00msec

T_{Total}:100000.00msec

Duty cycle: 100.00%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.00



Date: 24.JUL.2017 10:54:33

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

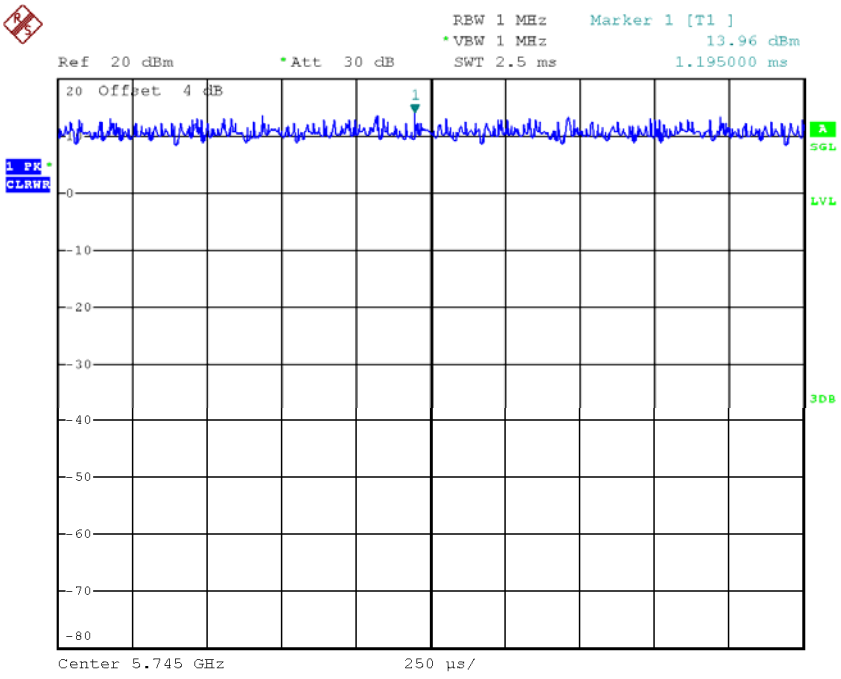
T_{ON}:100000.00msec

T_{Total}:100000.00msec

Duty cycle: 100.00%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.00



Date: 24.JUL.2017 10:55:02

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

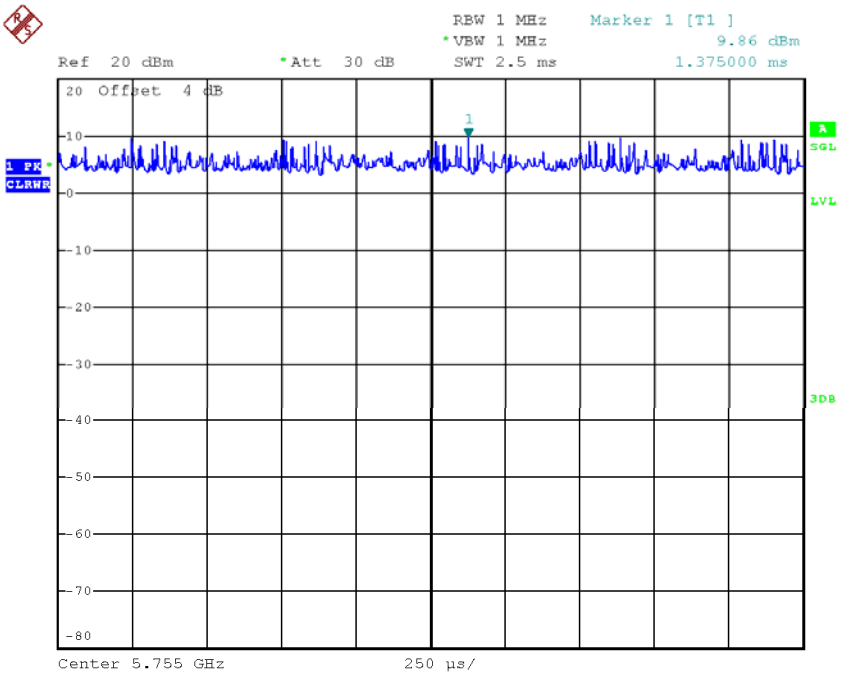
T_{ON}:100000.00msec

T_{Total}:100000.00msec

Duty cycle: 100.00%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.00



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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

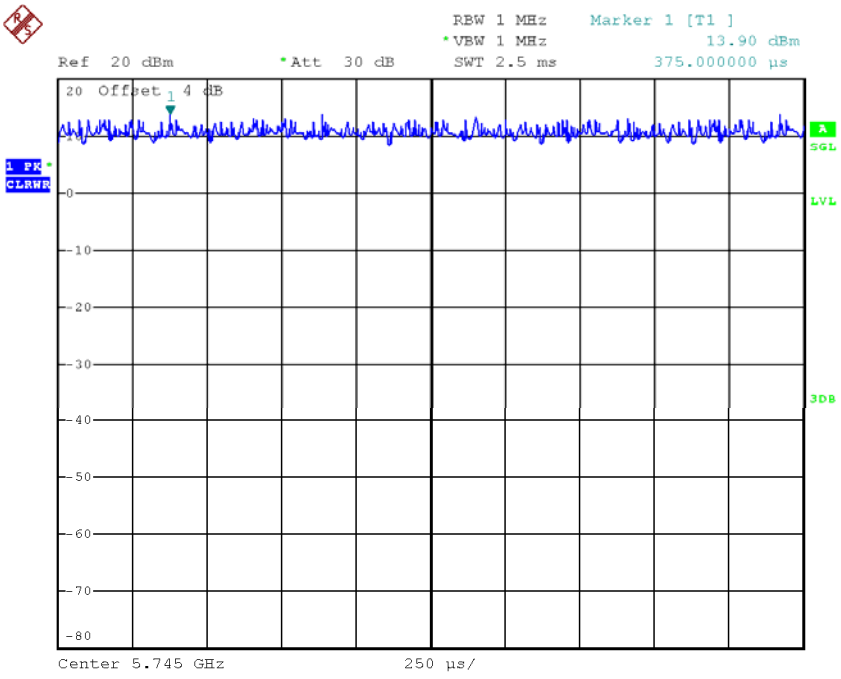
T_{ON}:100000.00msec

T_{Total}:100000.00msec

Duty cycle: 100.00%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.00



Date: 24.JUL.2017 10:55:34

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

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

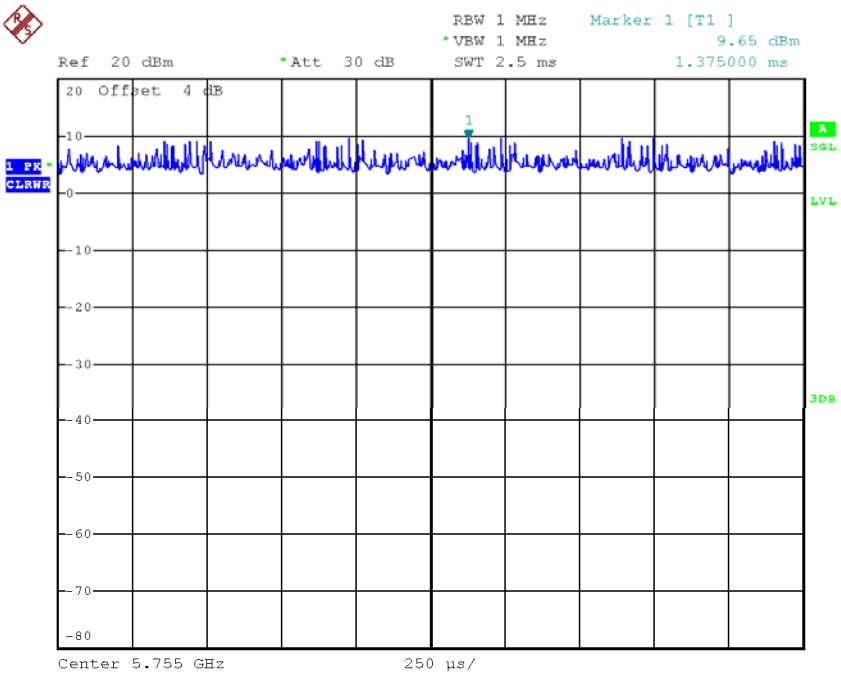
T_{ON}:100000.00msec

T_{Total}:100000.00msec

Duty cycle: 100.00%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.00



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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

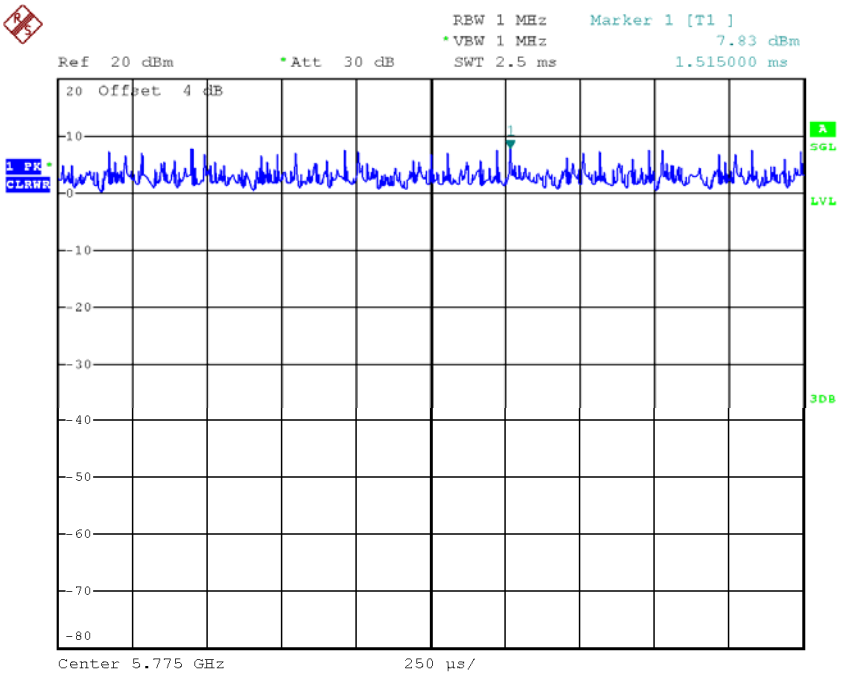
T_{ON}:100000.00msec

T_{Total}:100000.00msec

Duty cycle: 100.00%

Duty Factor= 10 log(1/Duty cycle)

Duty Factor =0.00



Date: 24.JUL.2017 10:57:10

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

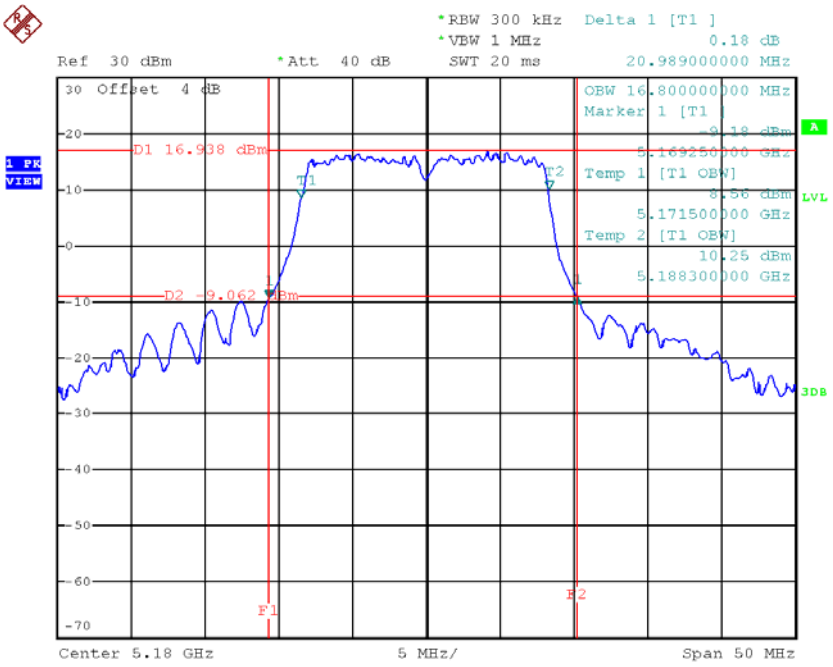
ATTACHMENTE -BANDWIDTH

Non-Beamforming

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

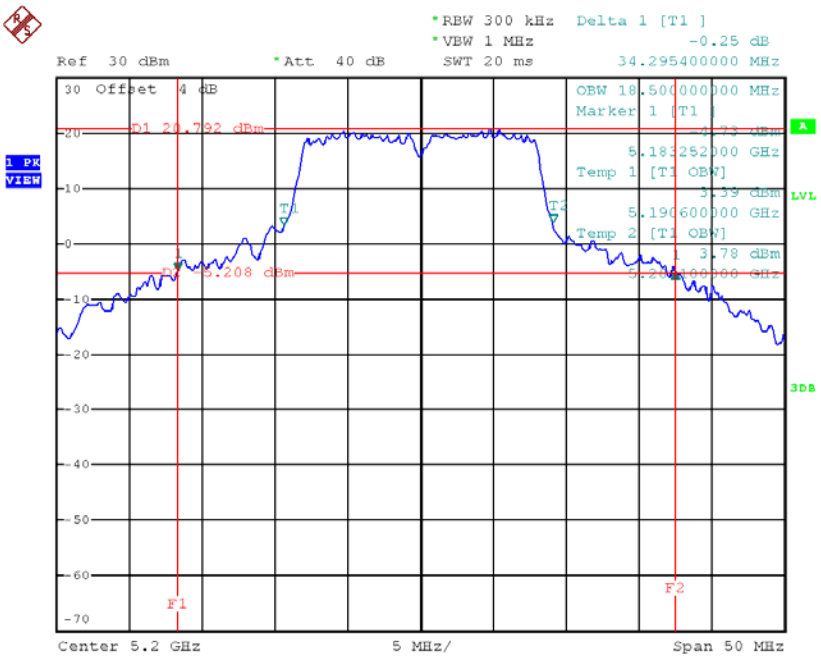
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.99	16.80
CH40	5200	34.30	18.50
CH48	5240	40.05	24.10

TX CH36



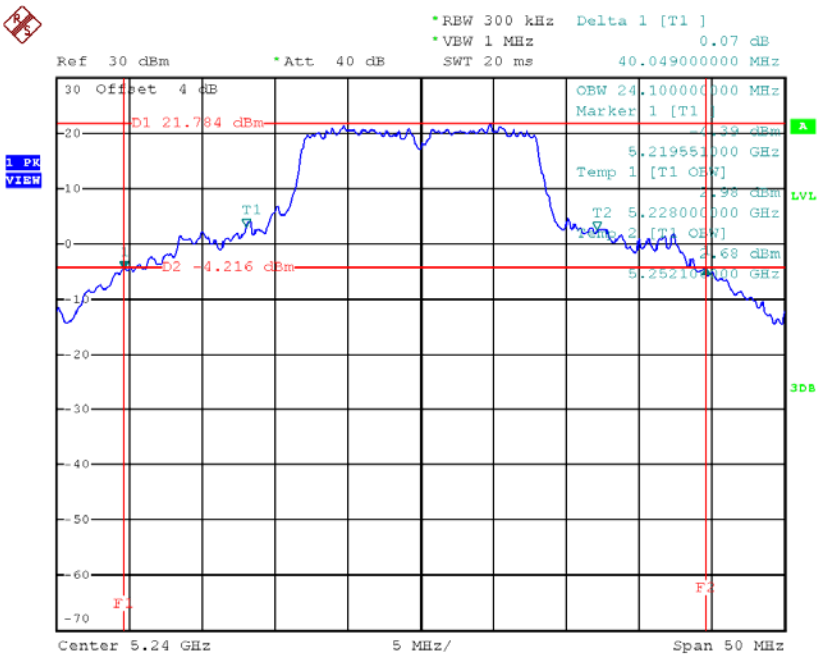
Date: 24.JUL.2017 10:58:58

TX CH40



Date: 24.JUL.2017 11:11:46

TX CH48

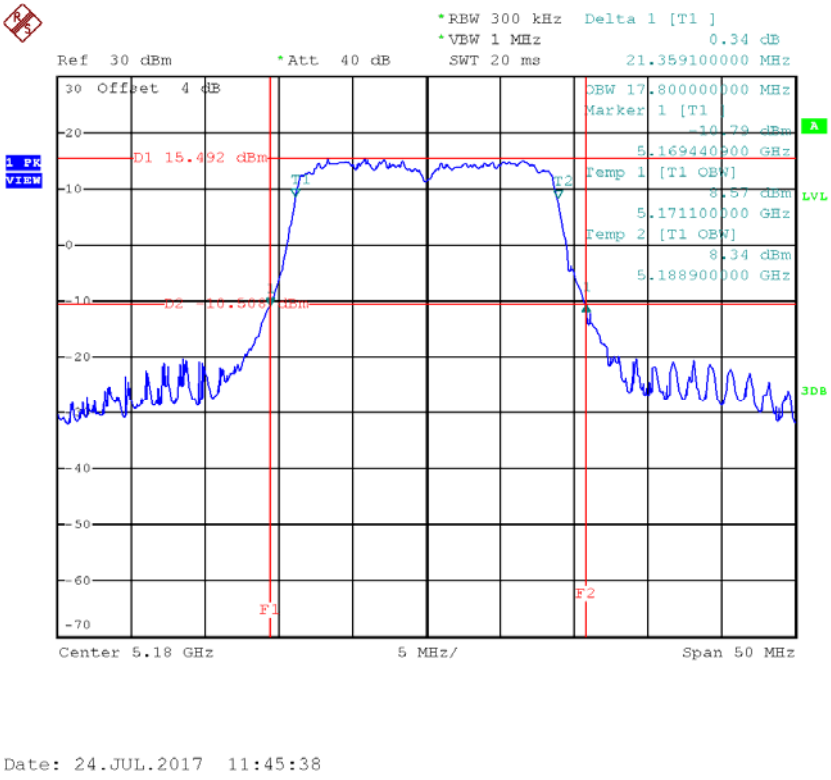


Date: 24.JUL.2017 11:12:35

Test Mode: UNII-1/TXN20 Mode_CH36/CH40/CH48

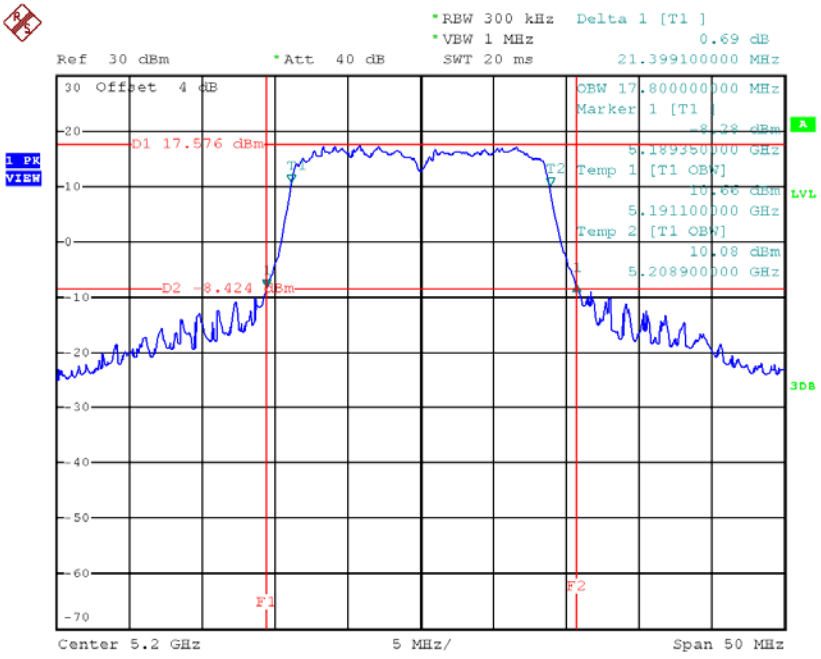
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.36	17.80
CH40	5200	21.40	17.80
CH48	5240	20.79	16.80

TX CH36



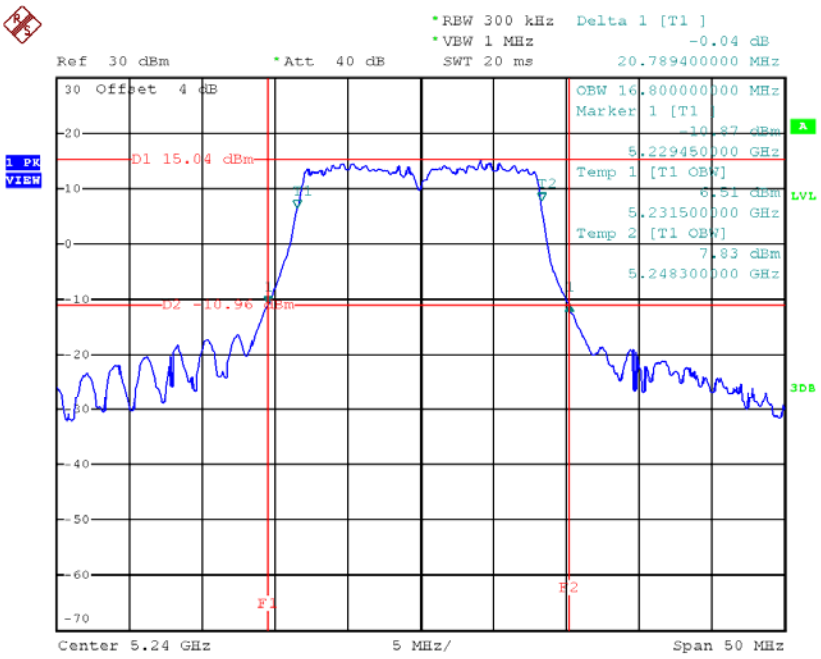
Date: 24.JUL.2017 11:45:38

TX CH40



Date: 24.JUL.2017 11:46:34

TX CH48

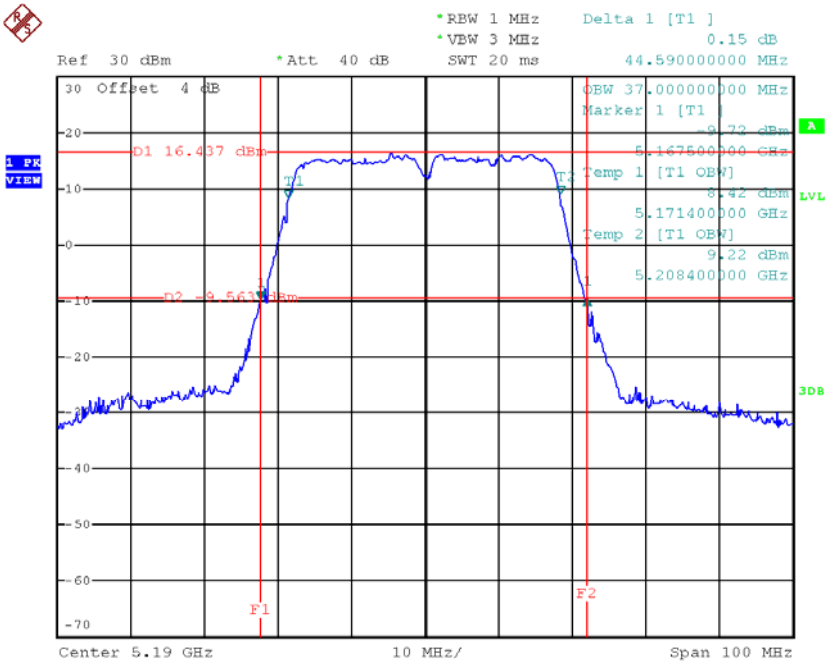


Date: 24.JUL.2017 11:47:31

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

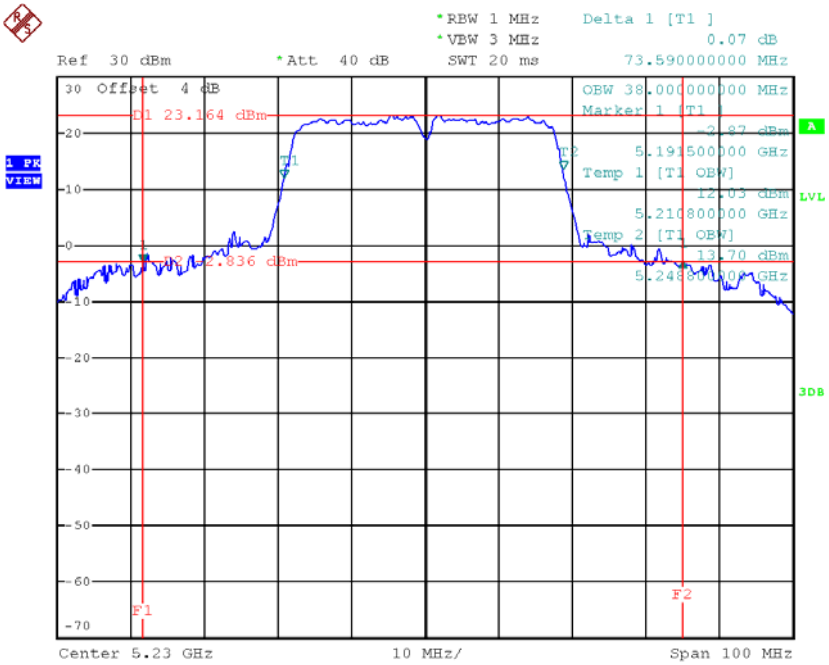
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	44.59	37.00
CH46	5230	73.59	38.00

TX CH38



Date: 24.JUL.2017 15:27:42

TX CH46

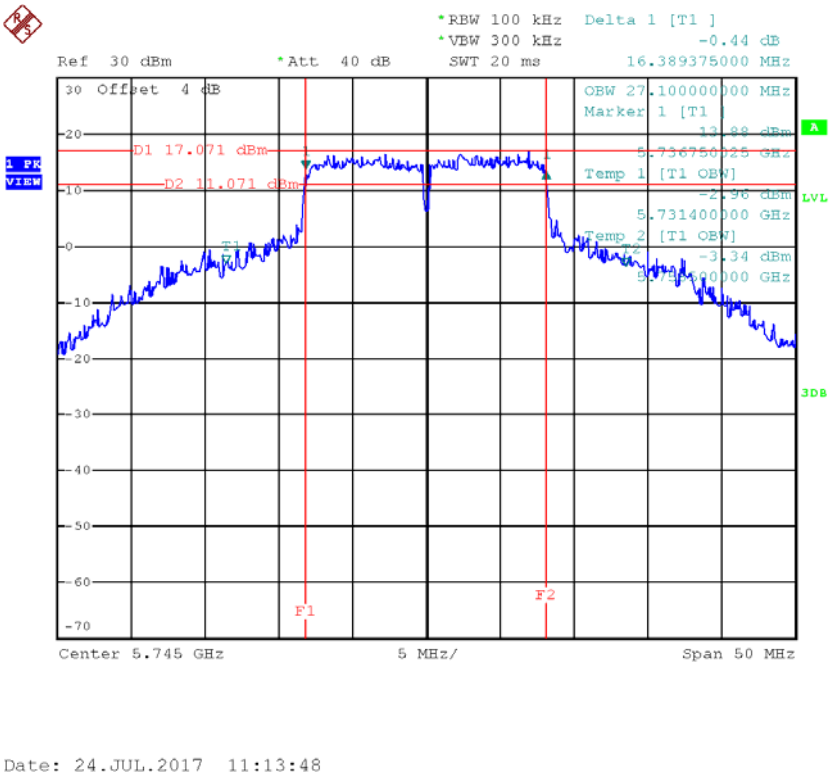


Date: 24.JUL.2017 15:30:24

Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

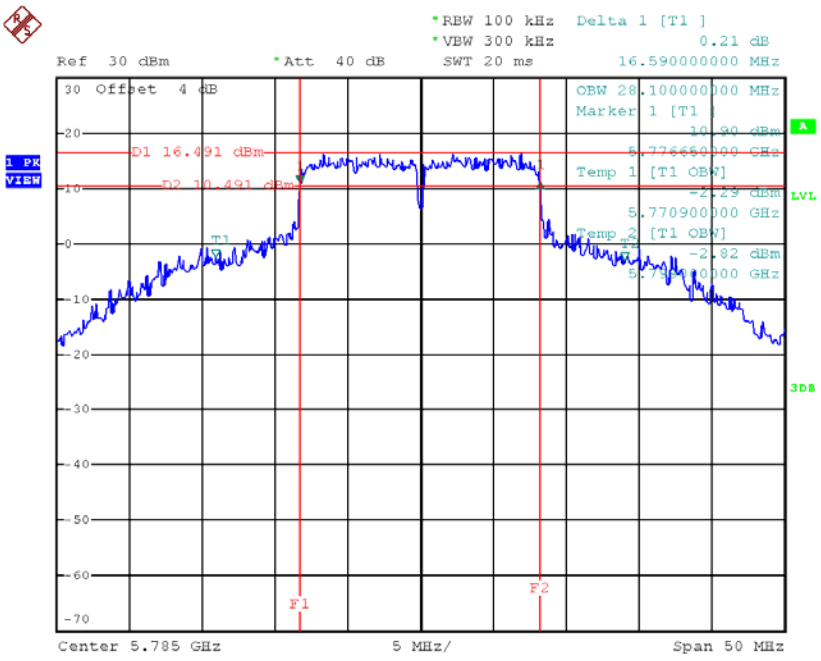
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.39	27.10	>=500
CH157	5785	16.59	28.10	>=500
CH165	5825	16.50	31.40	>=500

TX CH 149



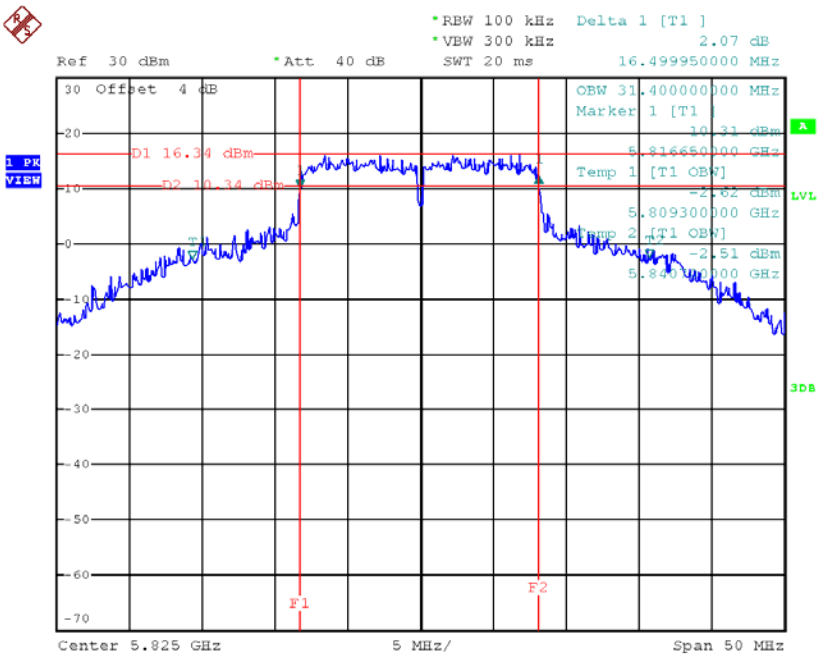
Date: 24.JUL.2017 11:13:48

TX CH 157



Date: 24.JUL.2017 11:17:42

TX CH 165

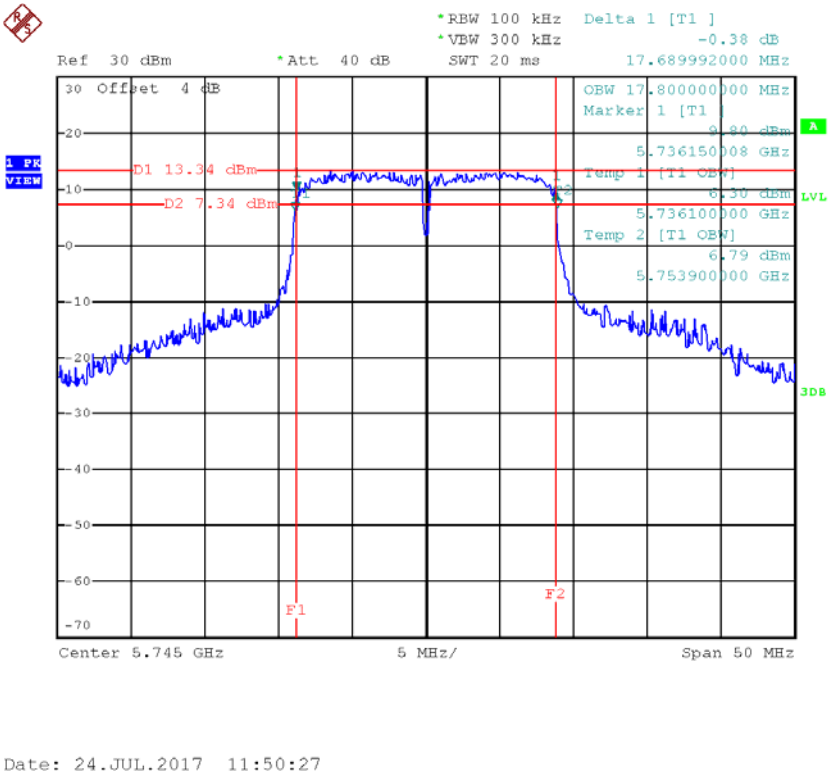


Date: 24.JUL.2017 11:18:58

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165				

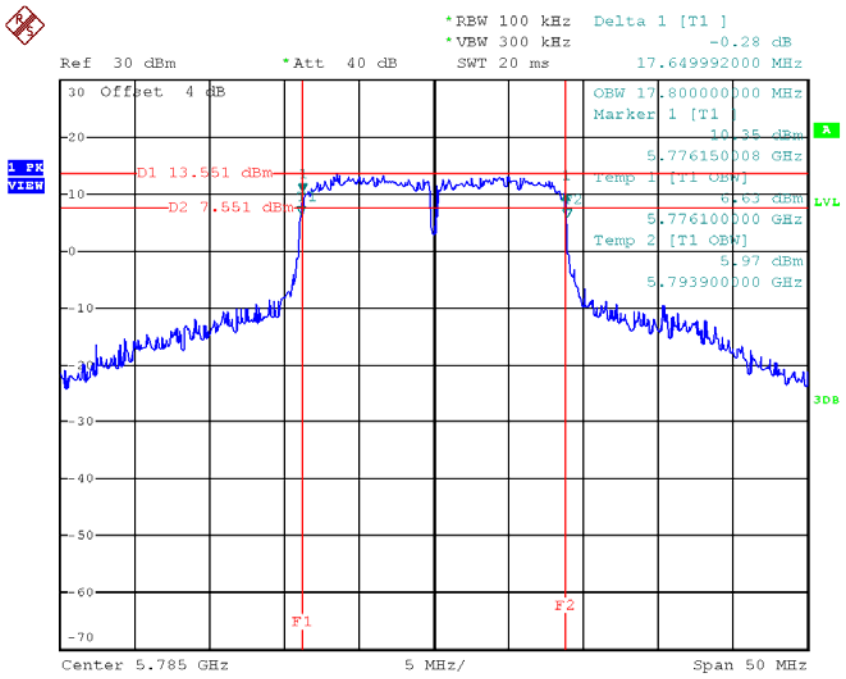
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.69	17.80	>=500
CH157	5785	17.65	17.80	>=500
CH165	5825	17.80	18.10	>=500

TX CH 149



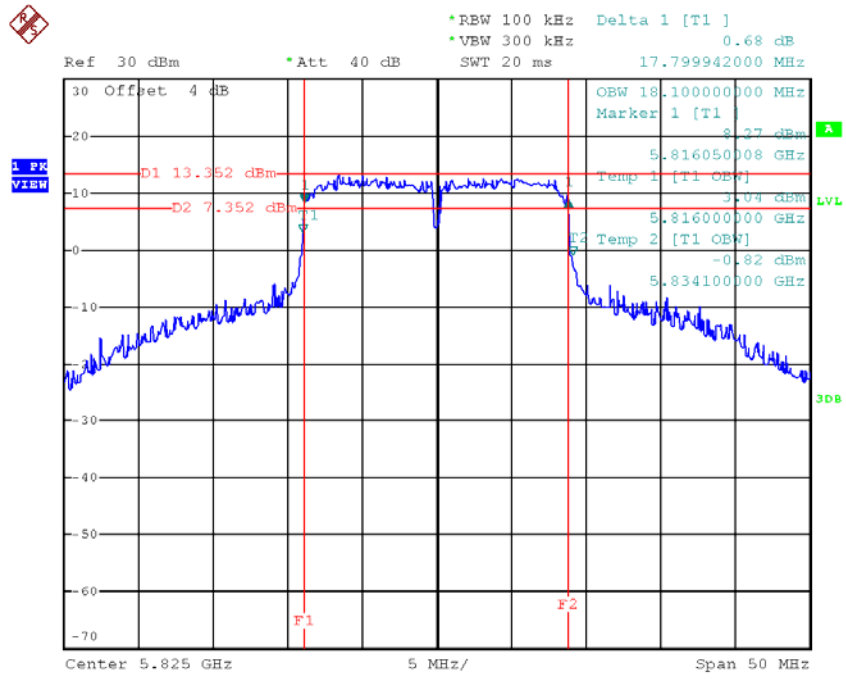
Date: 24.JUL.2017 11:50:27

TX CH 157



Date: 24.JUL.2017 11:51:23

TX CH 165



Date: 24.JUL.2017 11:54:51

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	>=500
CH159	5795	36.60	36.40	>=500