FCC Radio Test Report

FCC ID: KA2IR814A1

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

Project No.	:	1606C323
Equipment	:	AC750 Wi-Fi Router
Test Model	:	DIR-814
Series Model	:	DIR-814A1
Applicant	:	D-Link Corporation
Address	:	NO.289, Xinhu 3rd Rd.,Neihu District,Taipei City 114,Taiwan,R.O.C.

Date of Receipt	:	Jun. 29, 2016
Date of Test	:	Jun. 29, 2016 ~ Jul. 29, 2016
Issued Date	:	Aug. 01, 2016
Tested by	:	BTL Inc.

Testing Engineer : shawn xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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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-2-1606C323	Original Issue.	Jul. 12, 2016

1. CERTIFICATION

Equipment	:	AC750 Wi-Fi Router
Brand Name	:	D-Link
Test Model	:	DIR-814
Series Model	:	DIR-814A1
Applicant	:	D-Link Corporation
Manufacturer	:	Alpha Networks Inc.
Address	:	No. 8, Li-Shing 7th Rd., Science-Based Industrial Park, Hsinchu,Taiwan
Factory	:	Alpha Networks (Dongguan) Inc
Address	:	Xin An District, Chang An Town, Dongguan City, Guangdong Province, China
Date of Test	:	Jun. 29, 2016 ~ Jul. 29, 2016
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1606C323) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC750 Wi-Fi Router	
Brand Name	D-Link	
Test Model	DIR-814	
Series Model	DIR-814A1	
Model Difference	Only differ in model name.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	150Mbps
Power Source	DC voltage supplied from AC Adapter. Brand : D-Link Model : 1# 2ABB018F 2# MU18A2120150-A1	
Power Rating	1# I/P: 100-240V 50/60Hz 0.6A O/P: 12V 1.5A 2# I/P: 100-240V 50/60Hz 0.5A O/P: 12V 1.5A	

Output Power	Output Power (Max.)for UNII-1 (1TX)	802.11a: 22.01dBm 802.11n (20M): 21.38dBm 802.11n (40M): 22.09dBm 802.11ac (20M): 21.32dBm 802.11ac (40M): 21.64dBm 802.11ac (80M): 20.15dBm
	Output Power (Max.)for UNII-3 (1TX)	802.11a: 22.71dBm 802.11n (20M): 20.13dBm 802.11n (40M): 20.22dBm 802.11ac (20M): 19.81dBm 802.11ac (40M): 21.13dBm 802.11ac (80M): 21.85dBm

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)
1	N/A	N/A	Dipole	IPEX	5.1

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

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

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

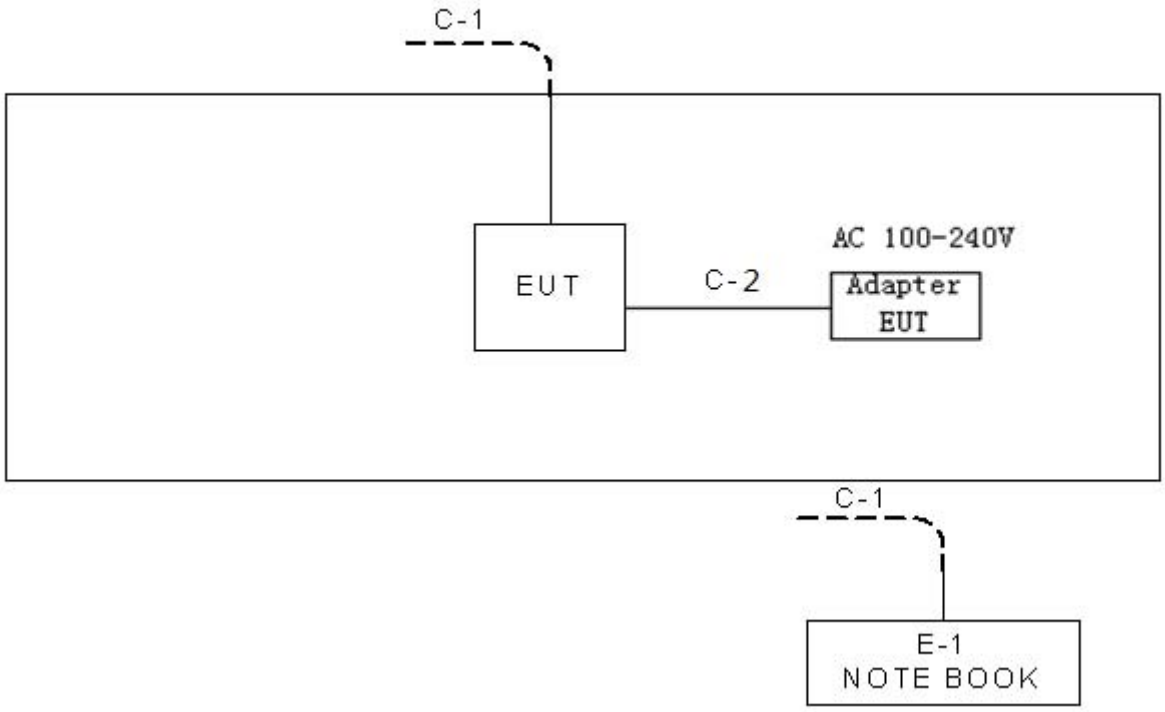
3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1 - 1TX			
Test Software Version	MPTOOL		
Frequency (MHz)	5180	5200	5240
A Mode	38.00	36.00	37.00
N20 Mode	37.00	35.00	35.00
AC20 Mode	37.00	34.00	35.00
Frequency (MHz)	5190	5230	
N40 Mode	39.00	39.00	
AC40 Mode	38.00	38.00	
Frequency (MHz)	5210		
AC80 Mode	35.00		

UNII-3 - 1TX			
Test Software Version	MPTOOL		
Frequency (MHz)	5745	5785	5825
A Mode	42.00	38.00	38.00
N20 Mode	35.00	35.00	34.00
AC20 Mode	35.00	31.00	34.00
Frequency (MHz)	5755	5795	
N40 Mode	37.00	38.00	
AC40 Mode	38.00	38.00	
Frequency (MHz)	5775		
AC80 Mode	41.00		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
E-1	Notebook	Lenovo	H2510	DOC	SS07999198

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NA	NA	10M	Rj45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

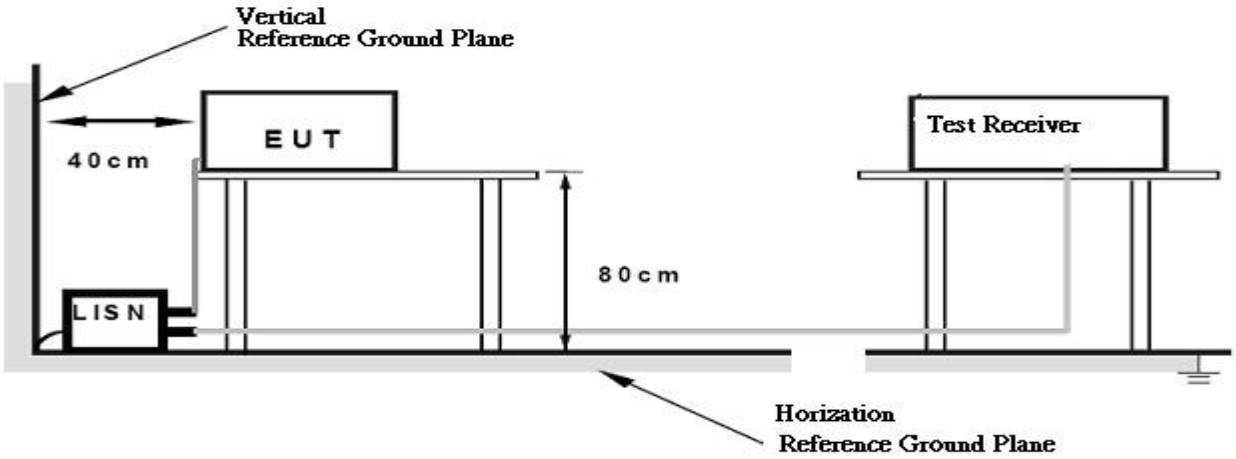
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Note:

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27(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

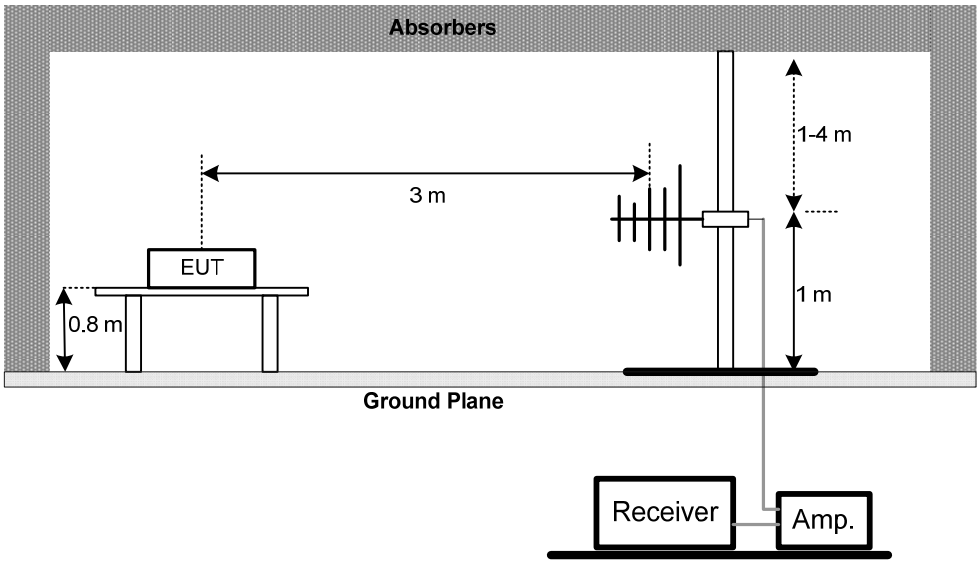
a. The measuring distance of at 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

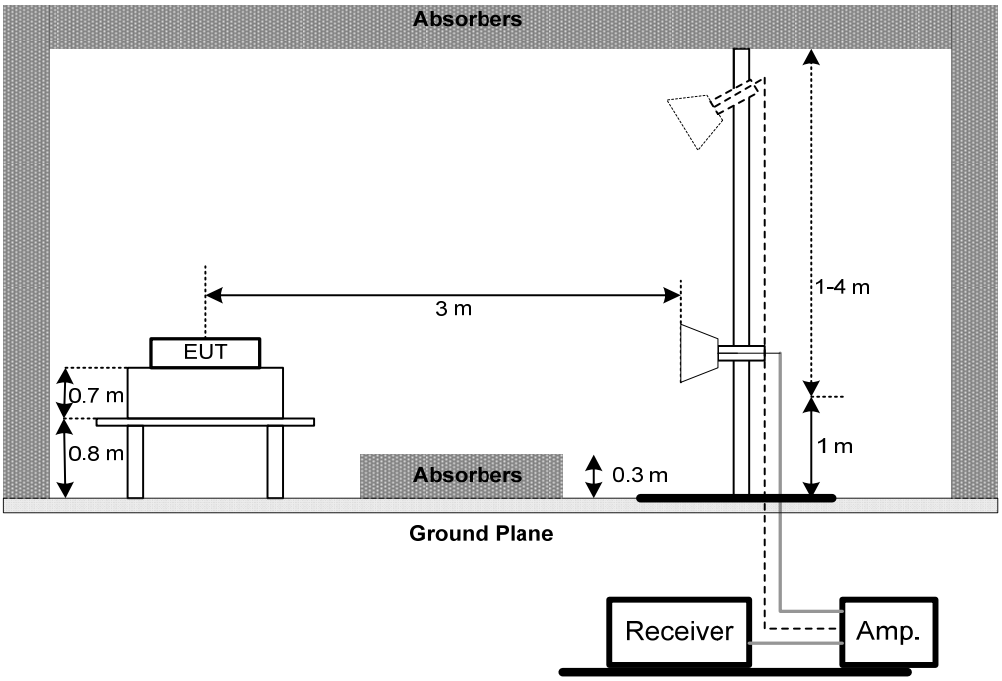
No deviation

4.2.4 TEST SETUP

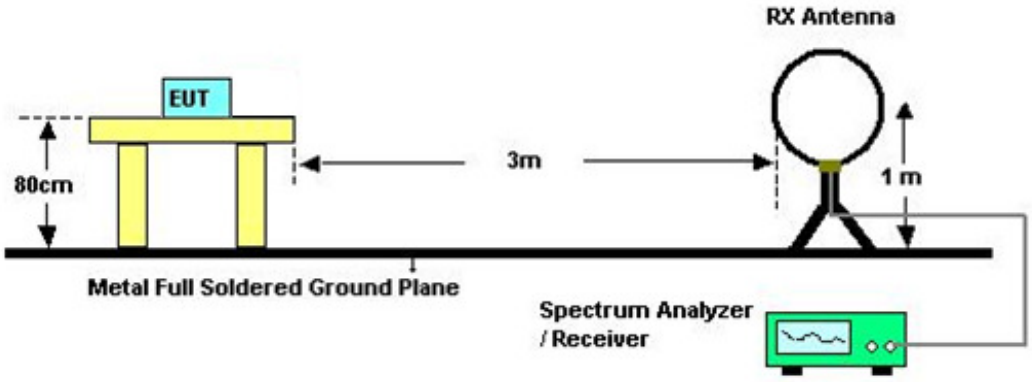
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

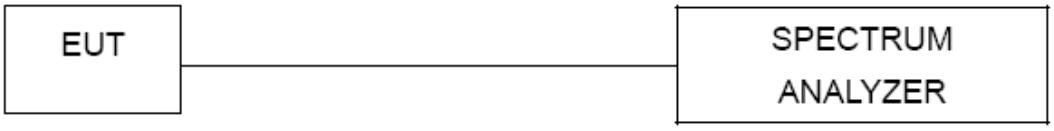
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

b.

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

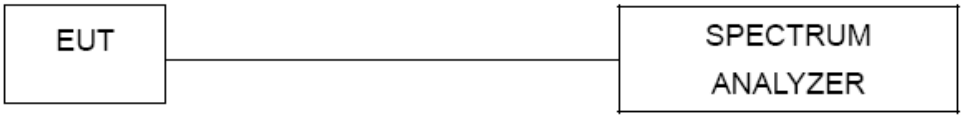
Note:

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.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

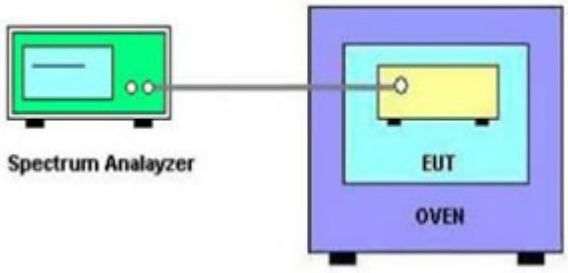
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

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

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 27, 2017
5	Control	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 27, 2017
7	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
8	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
9	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 27, 2017
10	Controller	CT	SC100	N/A	N/A
11	Position Control	MF	MF-7802	MF780208416	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Test Cable	emci	EMC104-SM-SM-9000(0.01GHz－26.5GHz)	C-100	N/A

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Apr. 26, 2017
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Apr. 26, 2017

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Test Cable	emci	EMC104-SM-SM-9000(0.01GHz－26.5GHz)	C-100	N/A

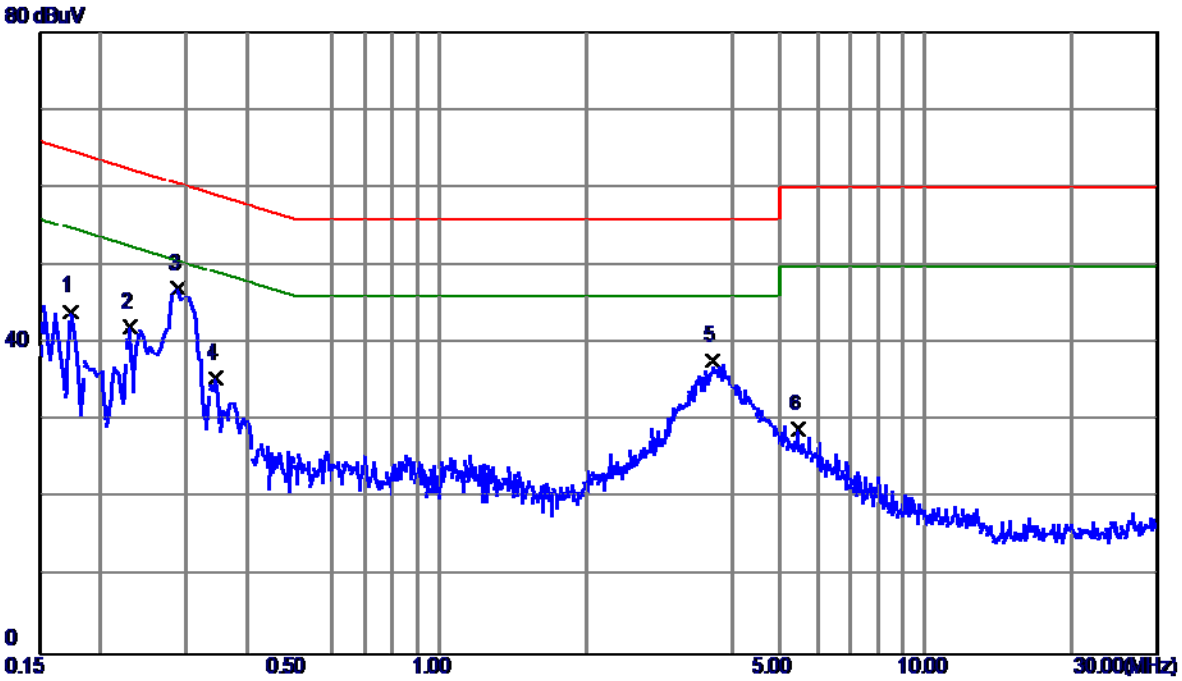
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX MODE(Adapter:1# 2ABB018F)

Line

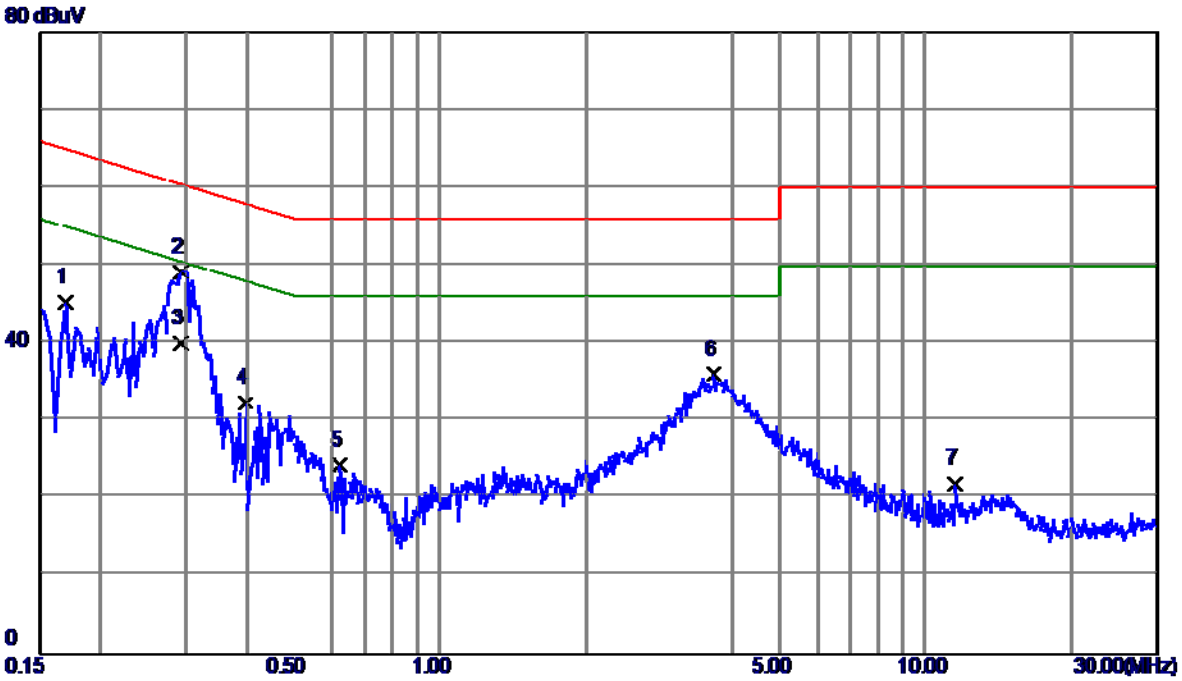


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1740	34.56	9.52	44.08	64.77	-20.69	Peak	
2	0.2300	32.62	9.53	42.15	62.45	-20.30	Peak	
3 *	0.2900	37.44	9.53	46.97	60.52	-13.55	Peak	
4	0.3460	25.92	9.53	35.45	59.06	-23.61	Peak	
5	3.6500	27.60	10.15	37.75	56.00	-18.25	Peak	
6	5.4740	18.98	10.03	29.01	60.00	-30.99	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE(Adapter:1# 2ABB018F)

Neutral

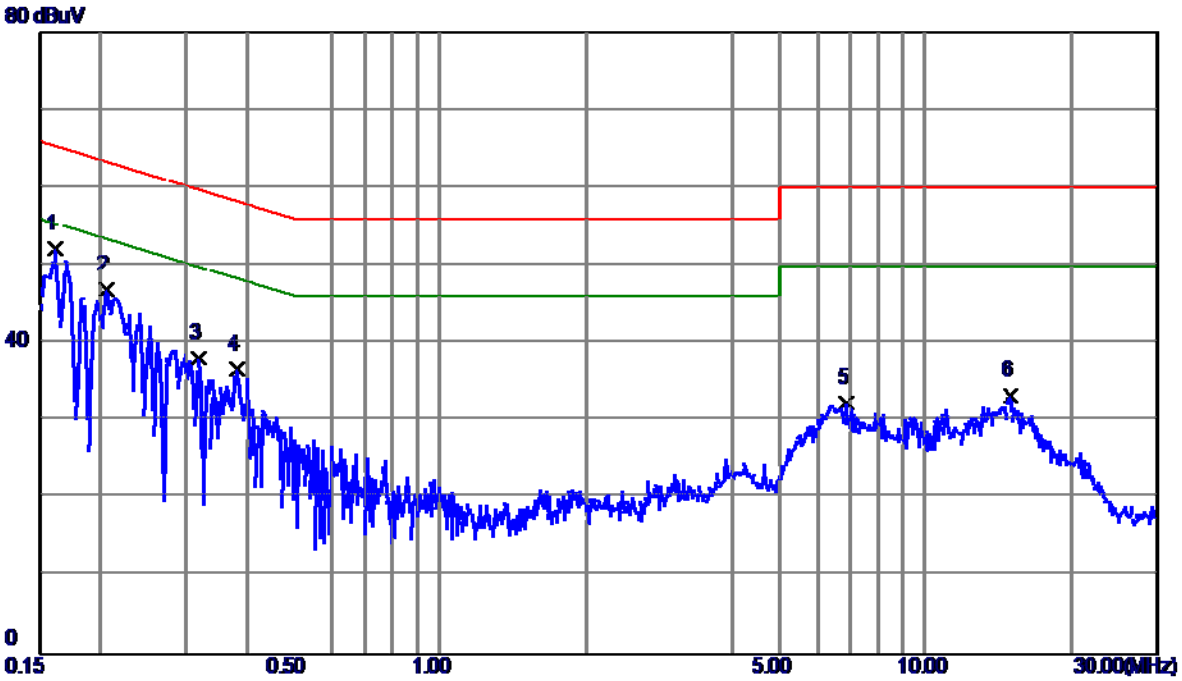


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1700	35.82	9.42	45.24	64.96	-19.72	Peak	
2	0.2940	39.56	9.53	49.09	60.41	-11.32	Peak	
3 *	0.2940	30.40	9.53	39.93	50.41	-10.48	AVG	
4	0.3980	22.83	9.44	32.27	57.90	-25.63	Peak	
5	0.6220	14.87	9.44	24.31	56.00	-31.69	Peak	
6	3.6780	26.09	9.86	35.95	56.00	-20.05	Peak	
7	11.5100	11.57	10.32	21.89	60.00	-38.11	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE (Adapter:2# MU18A2120150-A1)

Line

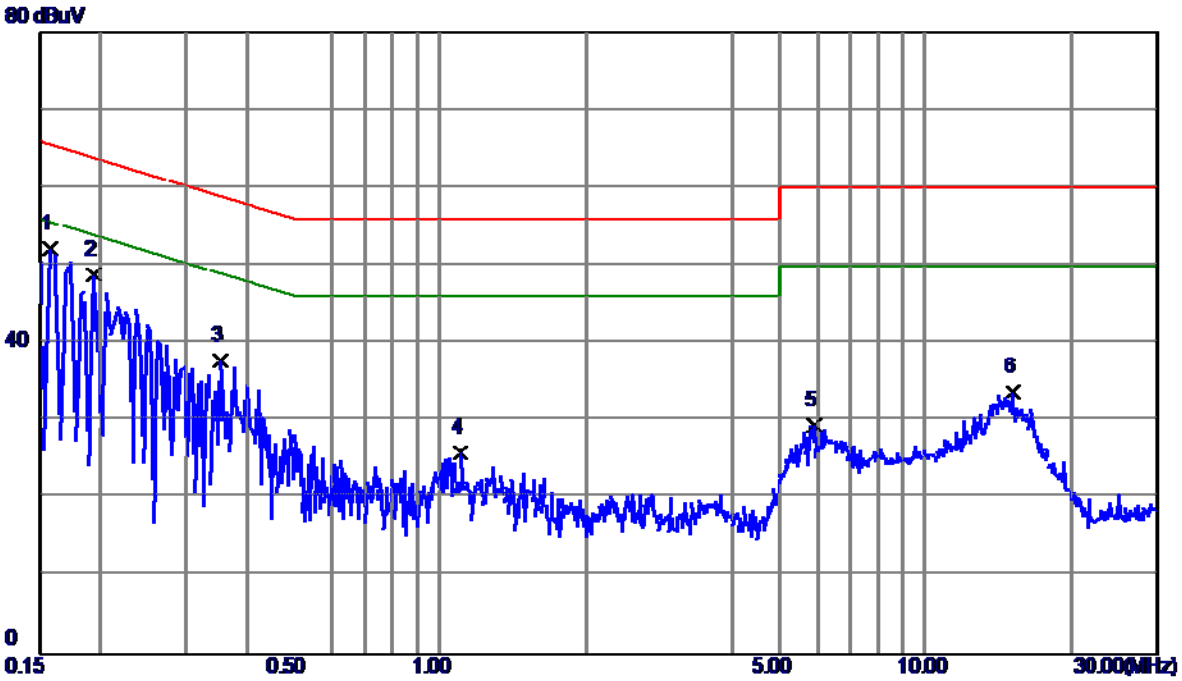


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1620	42.68	9.52	52.20	65.36	-13.16	Peak	
2	0.2060	37.36	9.53	46.89	63.37	-16.48	Peak	
3	0.3180	28.49	9.53	38.02	59.76	-21.74	Peak	
4	0.3820	27.06	9.54	36.60	58.24	-21.64	Peak	
5	6.8660	22.12	10.14	32.26	60.00	-27.74	Peak	
6	14.9500	22.93	10.36	33.29	60.00	-26.71	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE (Adapter:2# MU18A2120150-A1)

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1580	42.69	9.48	52.17	65.57	-13.40	Peak	
2	0.1940	39.25	9.51	48.76	63.86	-15.10	Peak	
3	0.3540	28.25	9.53	37.78	58.87	-21.09	Peak	
4	1.1060	16.25	9.66	25.91	56.00	-30.09	Peak	
5	5.9060	19.48	9.97	29.45	60.00	-30.55	Peak	
6	15.1380	23.36	10.36	33.72	60.00	-26.28	Peak	

Note：The test result has included the cable loss.

Conducted Measurement Photos

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

Test Mode:	TX MODE (Adapter:1# 2ABB018F)

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0095	0°	13.4	24.9650	38.3650	128.0498	-89.6848	AVG
0.0095	0°	14.32	24.9650	39.2850	148.0498	-108.7648	PEAK
0.028	0°	6.7	23.7933	30.4933	118.6611	-88.1677	AVG
0.028	0°	8.25	23.7933	32.0433	138.6611	-106.6177	PEAK
0.0367	0°	3.1	23.2423	26.3423	116.3109	-89.9686	AVG
0.0367	0°	5.51	23.2423	28.7523	136.3109	-107.5586	PEAK
0.0582	0°	1.36	22.2360	23.5960	112.3058	-88.7098	AVG
0.0582	0°	2.48	22.2360	24.7160	132.3058	-107.5898	PEAK
0.5092	0°	19.32	19.8294	39.1494	73.4665	-34.3170	QP
1.9527	0°	23.7	19.5047	43.2047	69.5400	-26.3353	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.012	90°	13.34	24.3000	37.6400	126.0206	-88.3806	AVG
0.012	90°	14.81	24.3000	39.1100	146.0206	-106.9106	PEAK
0.0262	90°	7.27	23.9073	31.1773	119.2382	-88.0609	AVG
0.0262	90°	8.9	23.9073	32.8073	139.2382	-106.4309	PEAK
0.0437	90°	5.21	22.7990	28.0090	114.7946	-86.7856	AVG
0.0437	90°	6.25	22.7990	29.0490	134.7946	-105.7456	PEAK
0.0588	90°	1.5	22.2240	23.7240	112.2167	-88.4927	AVG
0.0588	90°	2.81	22.2240	25.0340	132.2167	-107.1827	PEAK
0.6216	90°	22.34	20.1891	42.5291	71.7340	-29.2049	QP
2.0544	90°	24.51	19.4674	43.9774	69.5400	-25.5626	QP

Test Mode:	TX MODE (Adapter:2# MU18A2120150-A1)

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0093	0°	13.4	24.9777	38.3777	128.2346	-89.8569	AVG
0.0093	0°	14.28	24.9777	39.2577	148.2346	-108.9769	PEAK
0.0282	0°	6.78	23.7807	30.5607	118.5992	-88.0386	AVG
0.0282	0°	8.36	23.7807	32.1407	138.5992	-106.4586	PEAK
0.0369	0°	3.47	23.2297	26.6997	116.2637	-89.5640	AVG
0.0369	0°	5.5	23.2297	28.7297	136.2637	-107.5340	PEAK
0.0581	0°	1.27	22.2380	23.5080	112.3207	-88.8127	AVG
0.0581	0°	2.51	22.2380	24.7480	132.3207	-107.5727	PEAK
0.5097	0°	19.37	19.8310	39.2010	73.4579	-34.2569	QP
1.9522	0°	23.68	19.5048	43.1848	69.5400	-26.3552	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0122	90°	13.25	24.3000	37.5500	125.8770	-88.3270	AVG
0.0122	90°	14.84	24.3000	39.1400	145.8770	-106.7370	PEAK
0.0268	90°	7.27	23.8693	31.1393	119.0415	-87.9022	AVG
0.0268	90°	8.914	23.8693	32.7833	139.0415	-106.2582	PEAK
0.0439	90°	5.21	22.7863	27.9963	114.7549	-86.7586	AVG
0.0439	90°	6.26	22.7863	29.0463	134.7549	-105.7086	PEAK
0.0588	90°	1.51	22.2240	23.7340	112.2167	-88.4827	AVG
0.0588	90°	2.75	22.2240	24.9740	132.2167	-107.2427	PEAK
0.6217	90°	22.15	20.1894	42.3394	71.7326	-29.3932	QP
2.054	90°	24.5	19.4676	43.9676	69.5400	-25.5724	QP

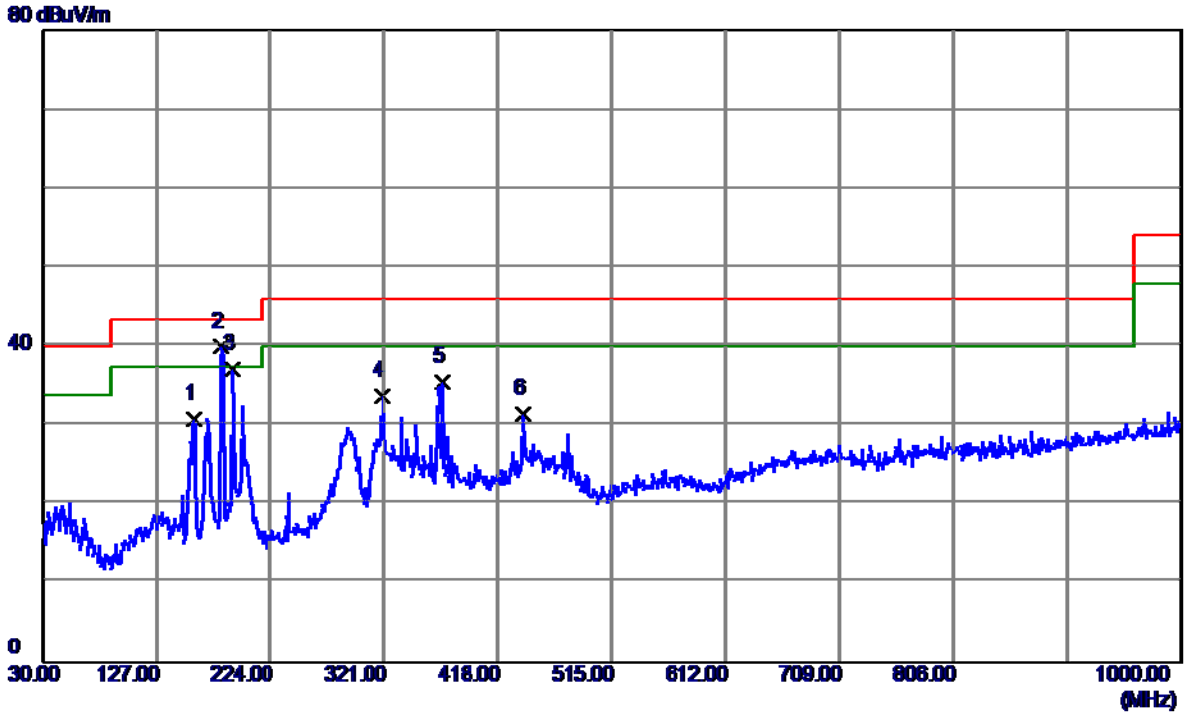
Radiated Measurement Photos

9KHz to 30MHz

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

Test Mode:	UNII-1/TX A Mode 5180MHz (Adapter:1# 2ABB018F)

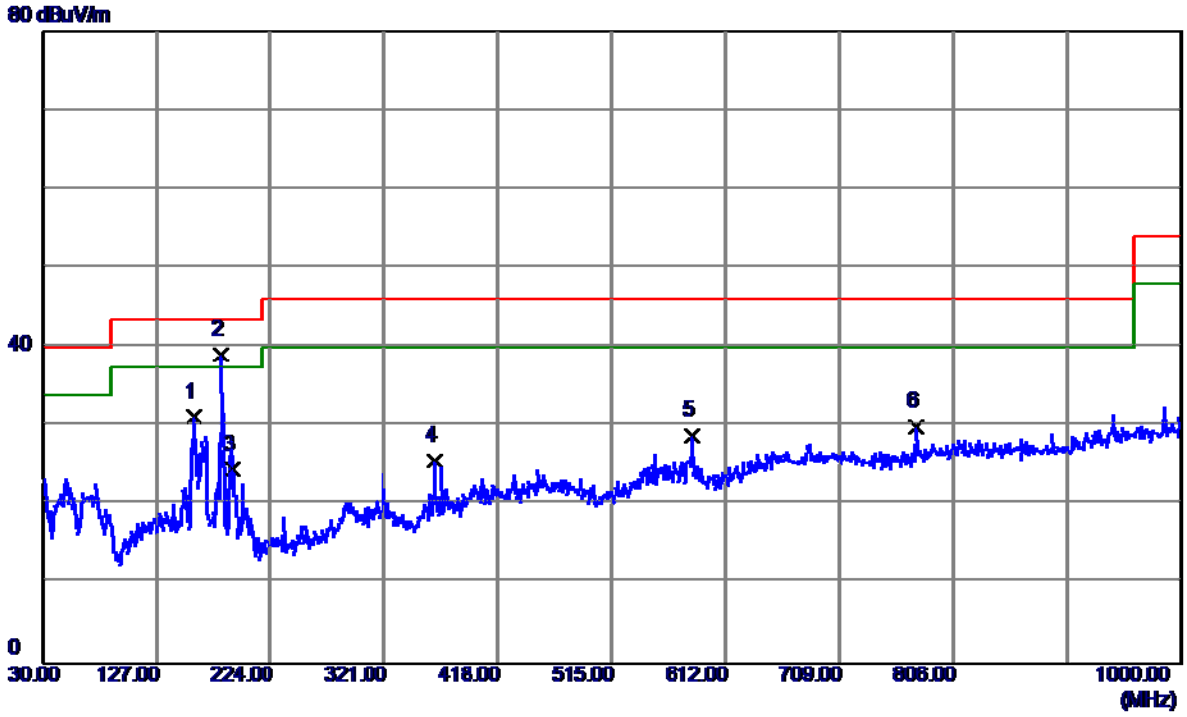
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	159.4950	43.45	-12.50	30.95	43.50	-12.55	Peak	
2 *	182.2899	52.31	-12.36	39.95	43.50	-3.55	Peak	
3	191.9900	50.37	-13.24	37.13	43.50	-6.37	Peak	
4	320.0300	44.06	-10.29	33.77	46.00	-12.23	Peak	
5	370.9549	44.75	-9.29	35.46	46.00	-10.54	Peak	
6	439.3400	38.56	-7.09	31.47	46.00	-14.53	Peak	

Test Mode:	UNII-1/TX A Mode 5180MHz (Adapter:1# 2ABB018F)

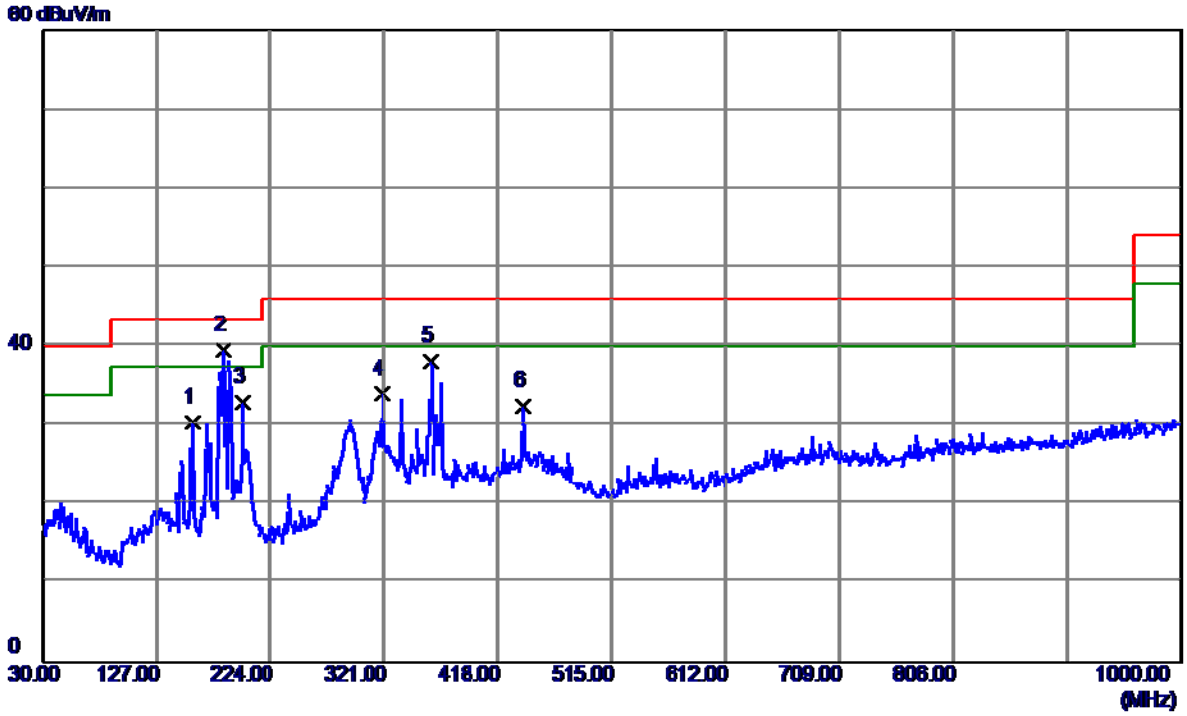
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	159.0100	43.59	-12.47	31.12	43.50	-12.38	Peak	
2 *	182.2899	51.35	-12.36	38.99	43.50	-4.51	Peak	
3	191.9900	37.75	-13.24	24.51	43.50	-18.99	Peak	
4	364.1650	35.31	-9.77	25.54	46.00	-20.46	Peak	
5	584.3550	33.81	-4.96	28.85	46.00	-17.15	Peak	
6	774.9600	30.51	-0.53	29.98	46.00	-16.02	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz (Adapter:1# 2ABB018F)

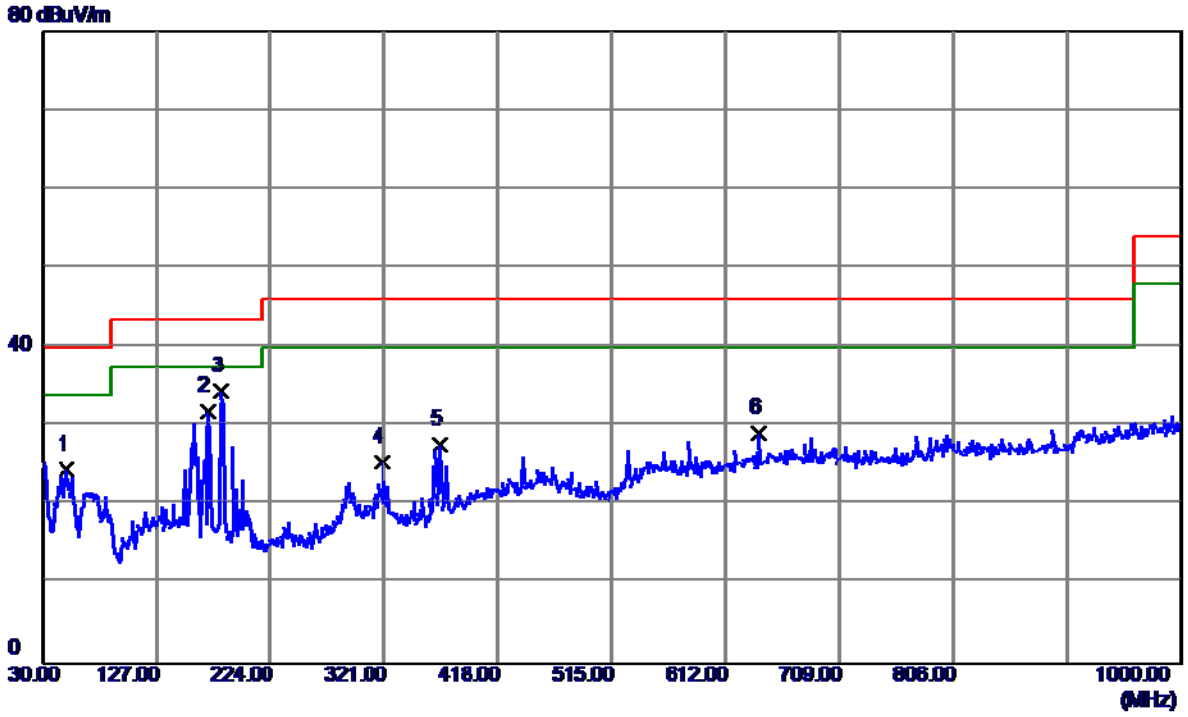
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	158.0399	42.81	-12.40	30.41	43.50	-13.09	Peak	
2 *	183.7450	52.02	-12.51	39.51	43.50	-3.99	Peak	
3	200.2350	46.53	-13.63	32.90	43.50	-10.60	Peak	
4	320.0300	44.29	-10.29	34.00	46.00	-12.00	Peak	
5	361.2550	48.11	-9.98	38.13	46.00	-7.87	Peak	
6	439.3400	39.52	-7.09	32.43	46.00	-13.57	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz (Adapter:1# 2ABB018F)

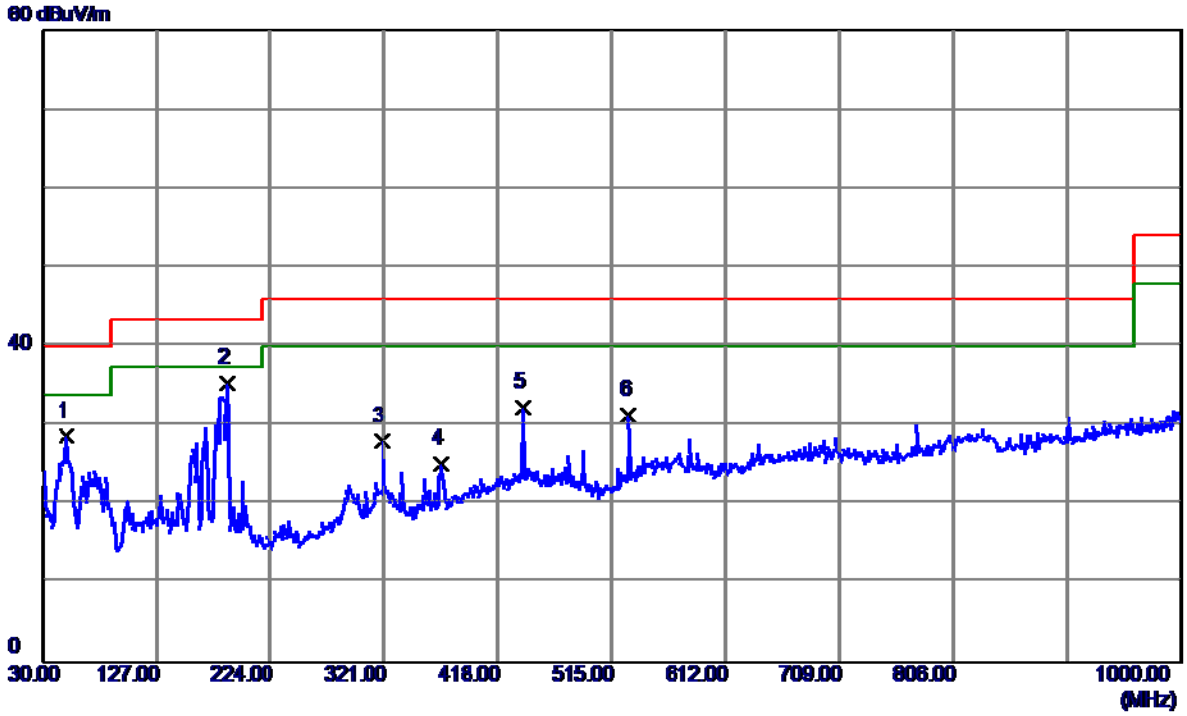
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	50.3700	36.49	-12.06	24.43	40.00	-15.57	Peak	
2	170.6500	42.55	-10.78	31.77	43.50	-11.73	Peak	
3 *	181.8049	46.70	-12.31	34.39	43.50	-9.11	Peak	
4	320.0300	35.76	-10.29	25.47	46.00	-20.53	Peak	
5	368.5300	37.10	-9.46	27.64	46.00	-18.36	Peak	
6	640.1300	31.58	-2.52	29.06	46.00	-16.94	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz (Adapter:1# 2ABB018F)

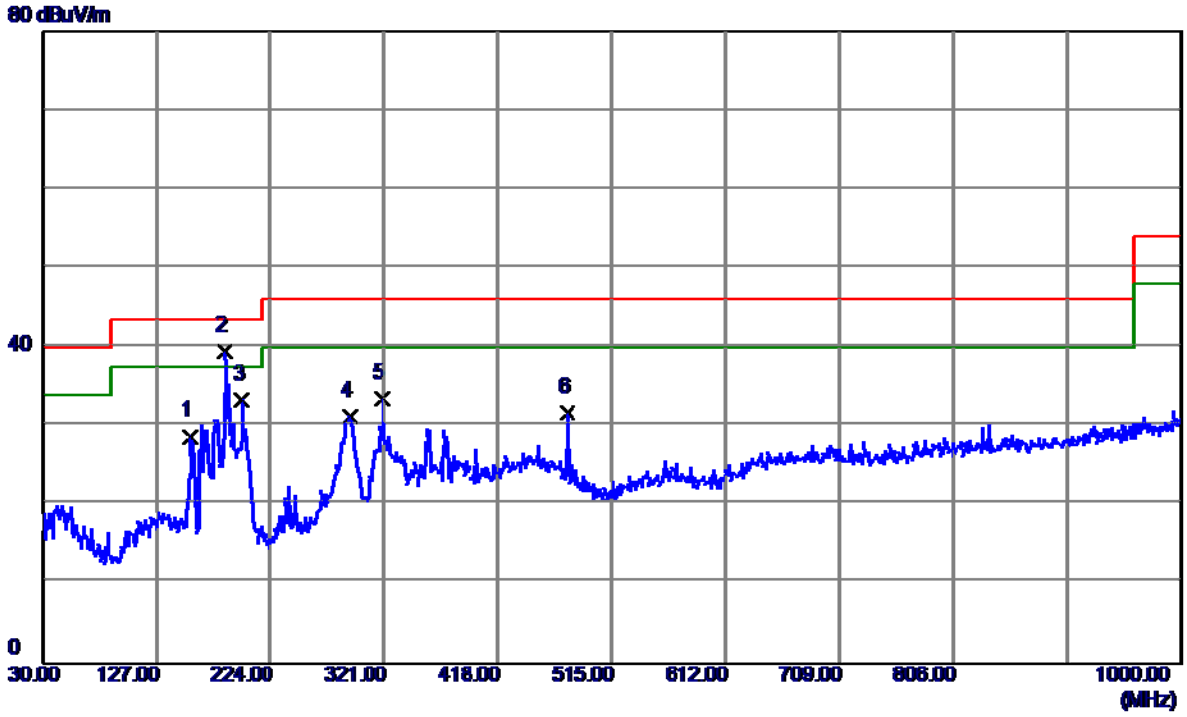
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	50.3700	40.63	-12.06	28.57	40.00	-11.43	Peak	
2 *	187.1400	48.26	-12.85	35.41	43.50	-8.09	Peak	
3	320.0300	38.32	-10.29	28.03	46.00	-17.97	Peak	
4	369.0150	34.48	-9.43	25.05	46.00	-20.95	Peak	
5	439.8250	39.40	-7.09	32.31	46.00	-13.69	Peak	
6	529.5500	37.35	-5.92	31.43	46.00	-14.57	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz (Adapter:1# 2ABB018F)

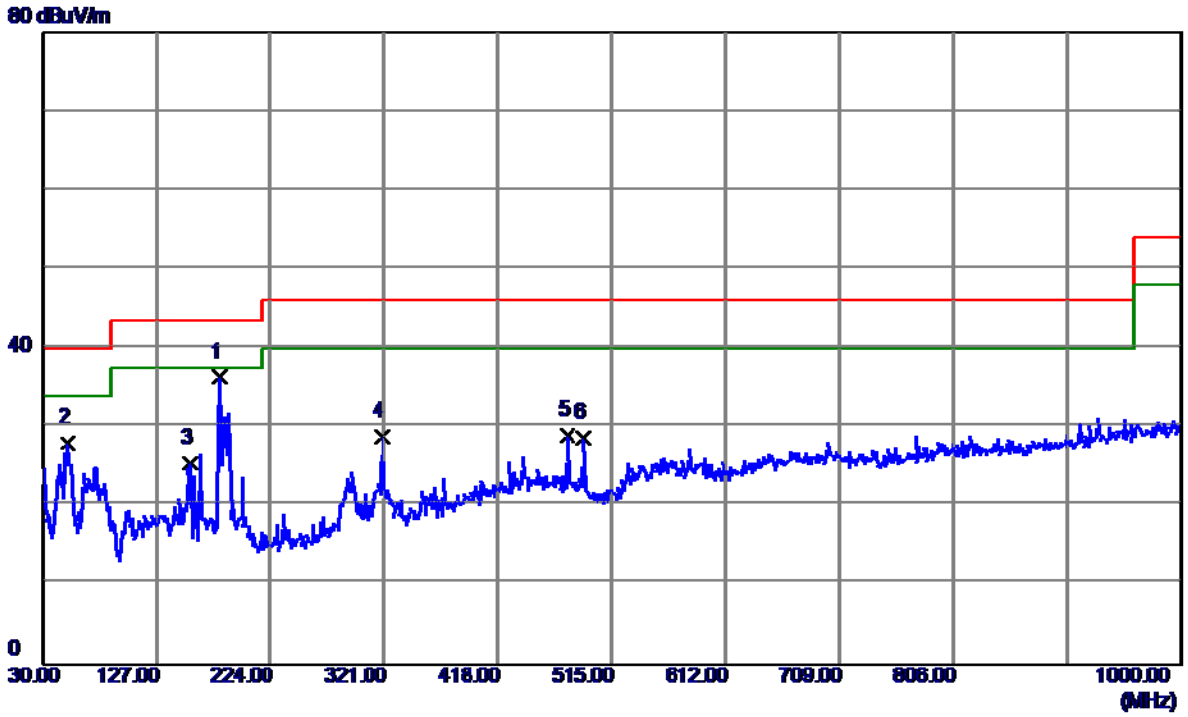
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	156.5850	41.03	-12.31	28.72	43.50	-14.78	Peak	
2 *	185.6850	52.27	-12.71	39.56	43.50	-3.94	Peak	
3	199.7500	46.85	-13.61	33.24	43.50	-10.26	Peak	
4	291.4150	41.16	-9.99	31.17	46.00	-14.83	Peak	
5	320.0300	43.71	-10.29	33.42	46.00	-12.58	Peak	
6	477.1700	39.09	-7.45	31.64	46.00	-14.36	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz (Adapter:1# 2ABB018F)

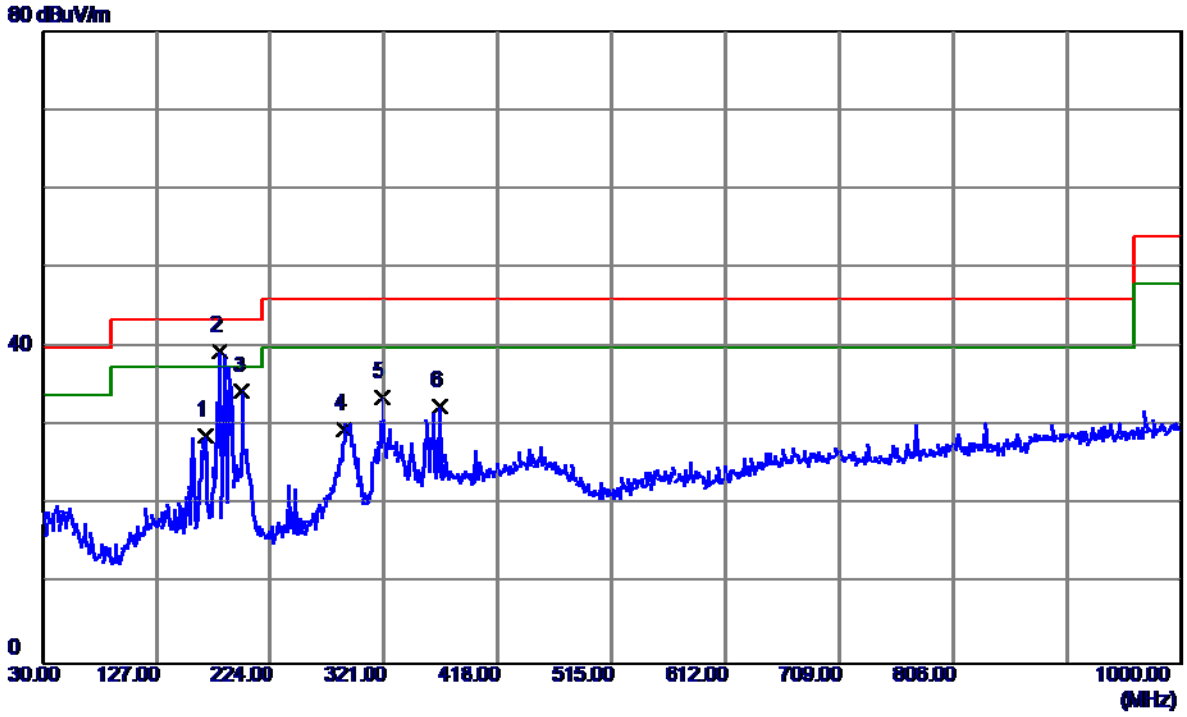
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	180.8350	48.56	-12.21	36.35	43.50	-7.15	Peak	
2	51.3400	40.31	-12.30	28.01	40.00	-11.99	Peak	
3	156.5850	37.78	-12.31	25.47	43.50	-18.03	Peak	
4	320.0300	39.07	-10.29	28.78	46.00	-17.22	Peak	
5	477.1700	36.40	-7.45	28.95	46.00	-17.05	Peak	
6	491.7200	36.28	-7.65	28.63	46.00	-17.37	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz (Adapter:1# 2ABB018F)

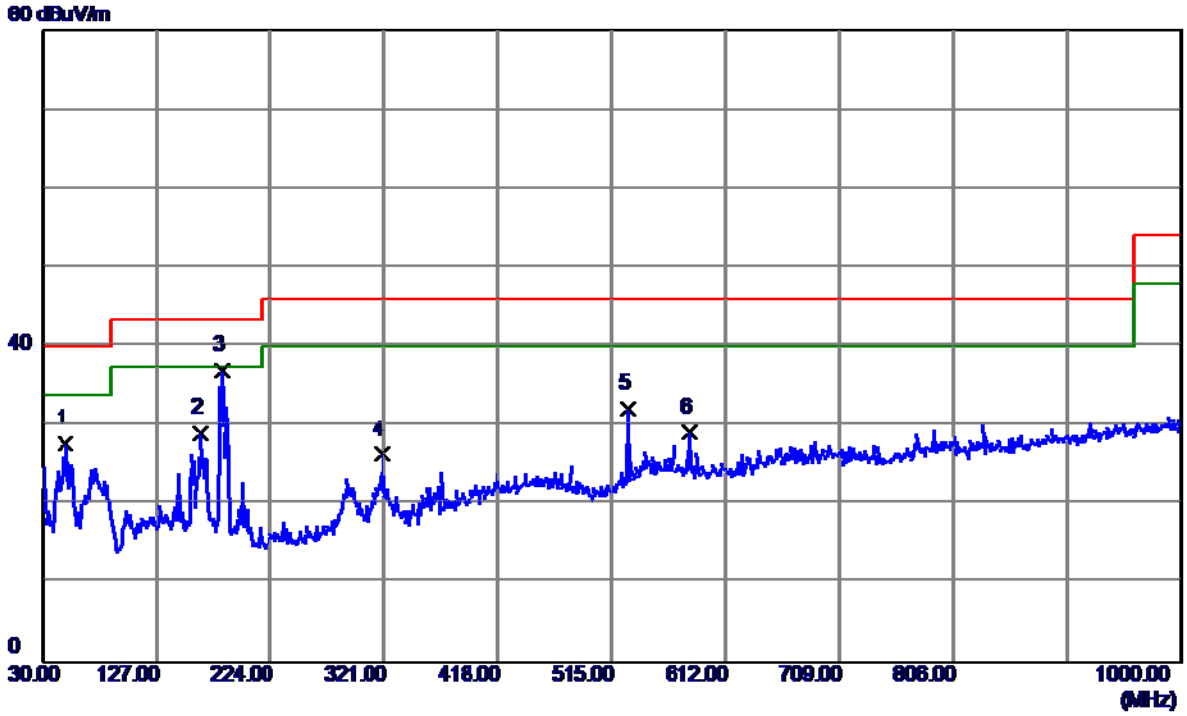
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	169.1950	39.66	-10.83	28.83	43.50	-14.67	Peak	
2 *	180.8350	51.67	-12.21	39.46	43.50	-4.04	Peak	
3	199.7500	48.07	-13.61	34.46	43.50	-9.04	Peak	
4	286.5650	40.12	-10.59	29.53	46.00	-16.47	Peak	
5	320.0300	43.96	-10.29	33.67	46.00	-12.33	Peak	
6	368.0450	41.94	-9.49	32.45	46.00	-13.55	Peak	

Test Mode:	UNII-3/TX A Mode 5785MHz (Adapter:1# 2ABB018F)

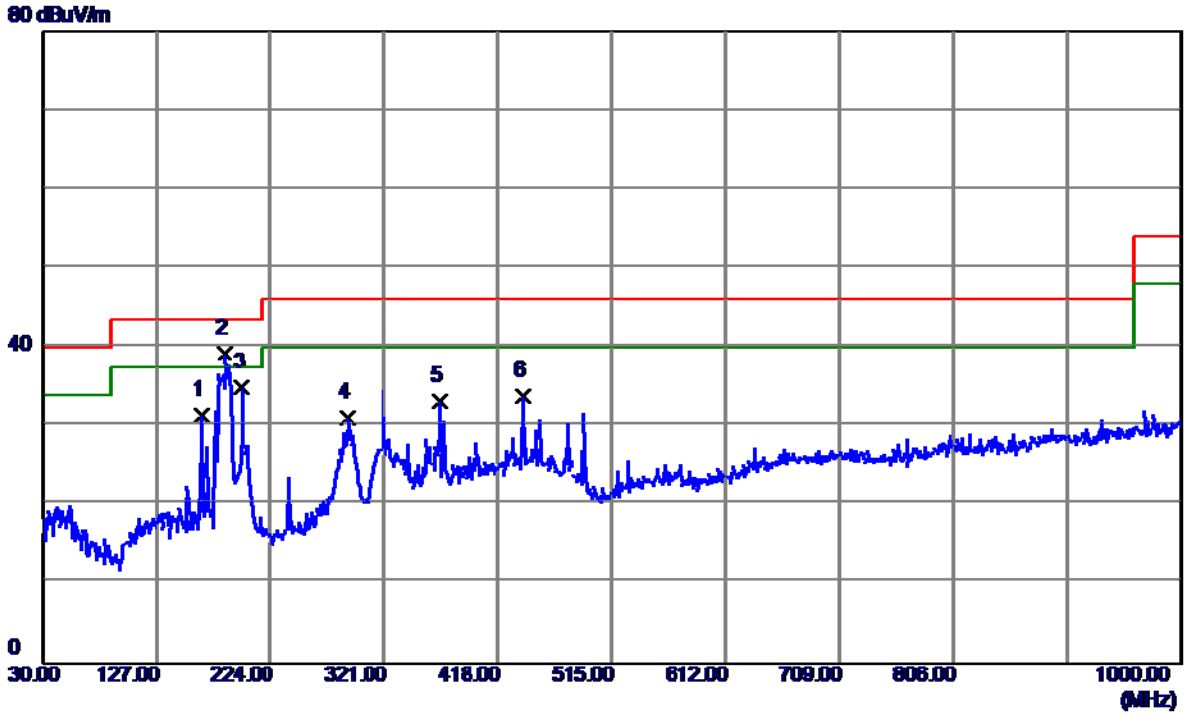
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	49.8849	39.70	-11.99	27.71	40.00	-12.29	Peak	
2	164.8300	40.68	-11.64	29.04	43.50	-14.46	Peak	
3 *	182.7750	49.42	-12.41	37.01	43.50	-6.49	Peak	
4	320.0300	36.61	-10.29	26.32	46.00	-19.68	Peak	
5	529.0650	38.18	-5.95	32.23	46.00	-13.77	Peak	
6	581.4450	34.01	-4.93	29.08	46.00	-16.92	Peak	

Test Mode:	UNII-3/TX A Mode 5785MHz (Adapter:1# 2ABB018F)

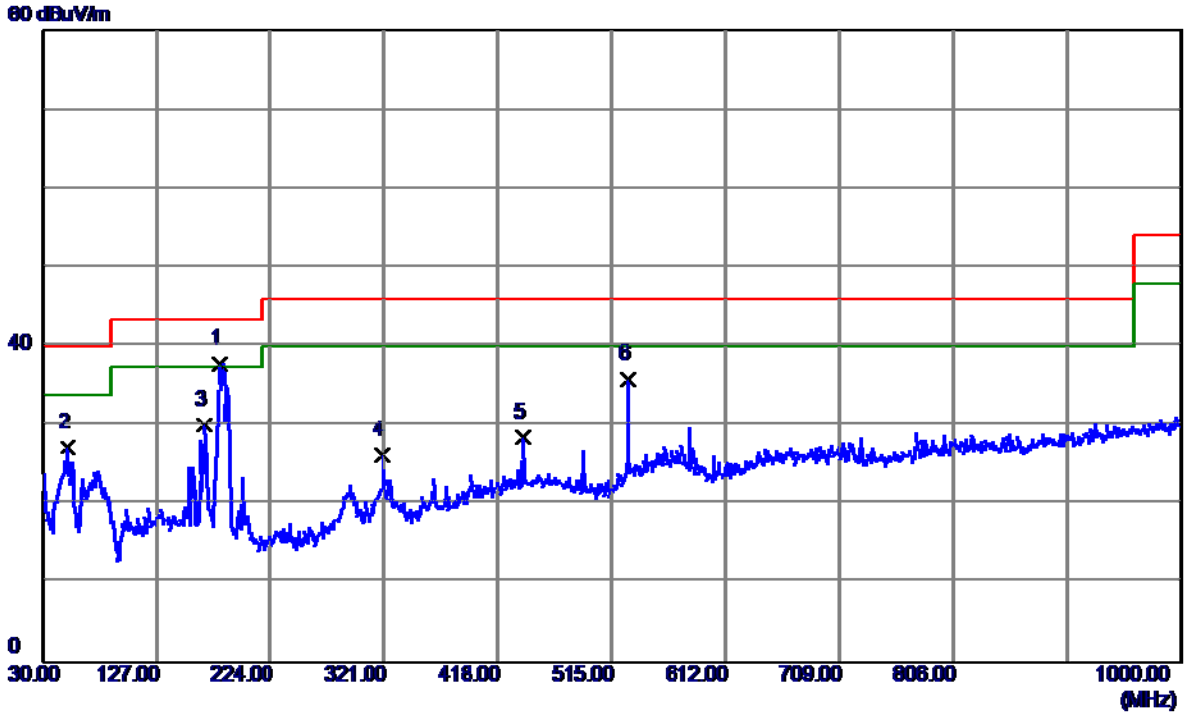
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	165.8000	42.88	-11.46	31.42	43.50	-12.08	Peak	
2 *	185.6850	51.92	-12.71	39.21	43.50	-4.29	Peak	
3	199.7500	48.56	-13.61	34.95	43.50	-8.55	Peak	
4	289.9600	41.07	-10.00	31.07	46.00	-14.93	Peak	
5	368.5300	42.57	-9.46	33.11	46.00	-12.89	Peak	
6	439.3400	40.85	-7.09	33.76	46.00	-12.24	Peak	

Test Mode:	UNII-3/TX A Mode 5825MHz (Adapter:1# 2ABB018F)

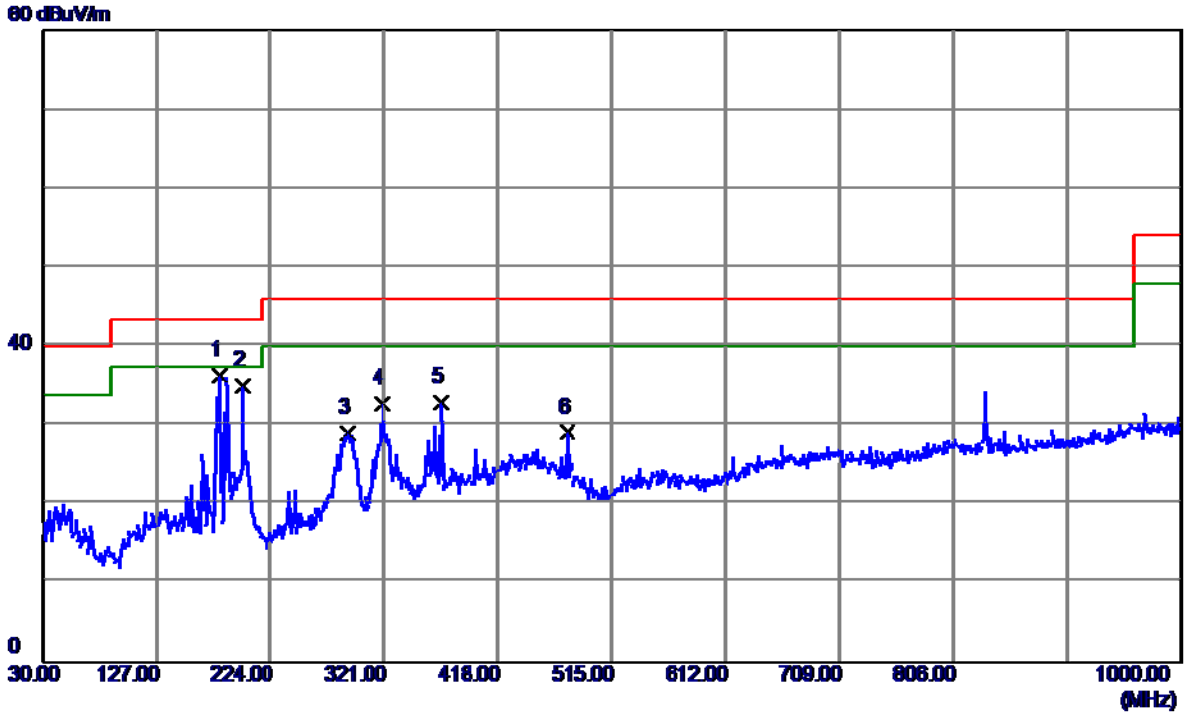
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	180.8350	49.99	-12.21	37.78	43.50	-5.72	Peak	
2	51.3400	39.48	-12.30	27.18	40.00	-12.82	Peak	
3	168.2250	41.07	-11.01	30.06	43.50	-13.44	Peak	
4	320.0300	36.57	-10.29	26.28	46.00	-19.72	Peak	
5	439.8250	35.59	-7.09	28.50	46.00	-17.50	Peak	
6	529.0650	41.83	-5.95	35.88	46.00	-10.12	Peak	

Test Mode:	UNII-3/TX A Mode 5825MHz (Adapter:1# 2ABB018F)

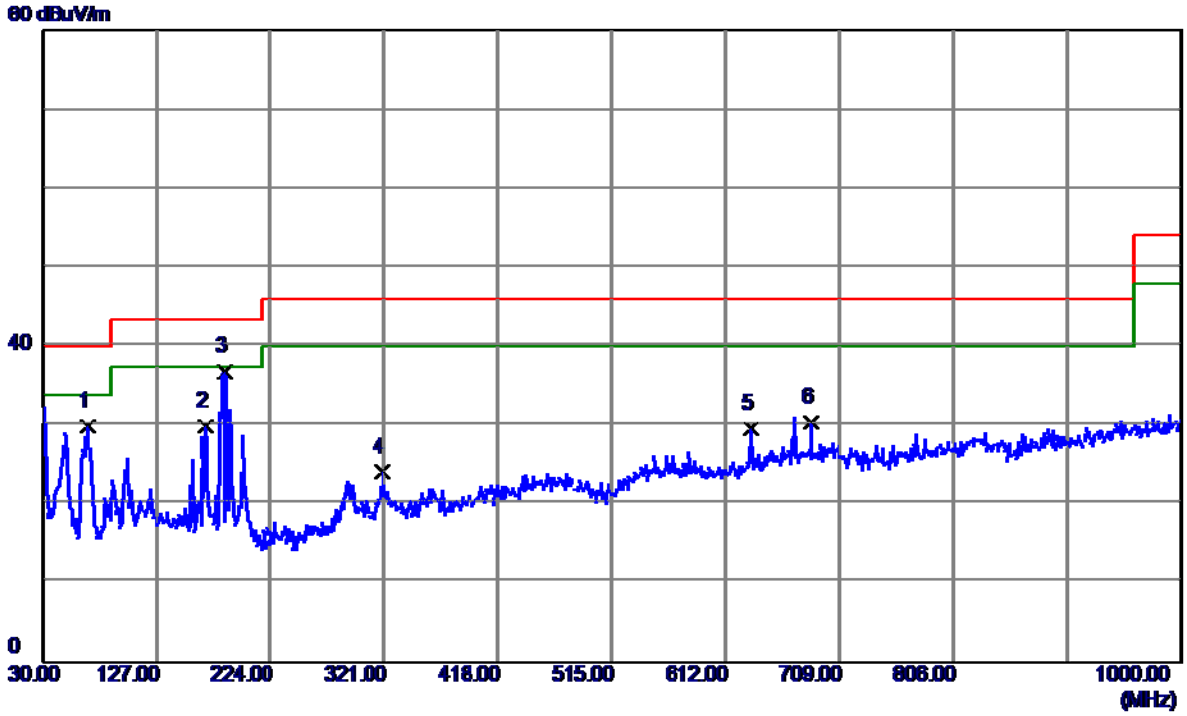
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	180.8350	48.54	-12.21	36.33	43.50	-7.17	Peak	
2	200.2350	48.68	-13.63	35.05	43.50	-8.45	Peak	
3	289.9600	39.04	-10.00	29.04	46.00	-16.96	Peak	
4	320.0300	43.06	-10.29	32.77	46.00	-13.23	Peak	
5	369.5000	42.37	-9.39	32.98	46.00	-13.02	Peak	
6	477.1700	36.62	-7.45	29.17	46.00	-16.83	Peak	

Test Mode:	UNII-1/TX A Mode 5180MHz (Adapter:2# MU18A2120150-A1)

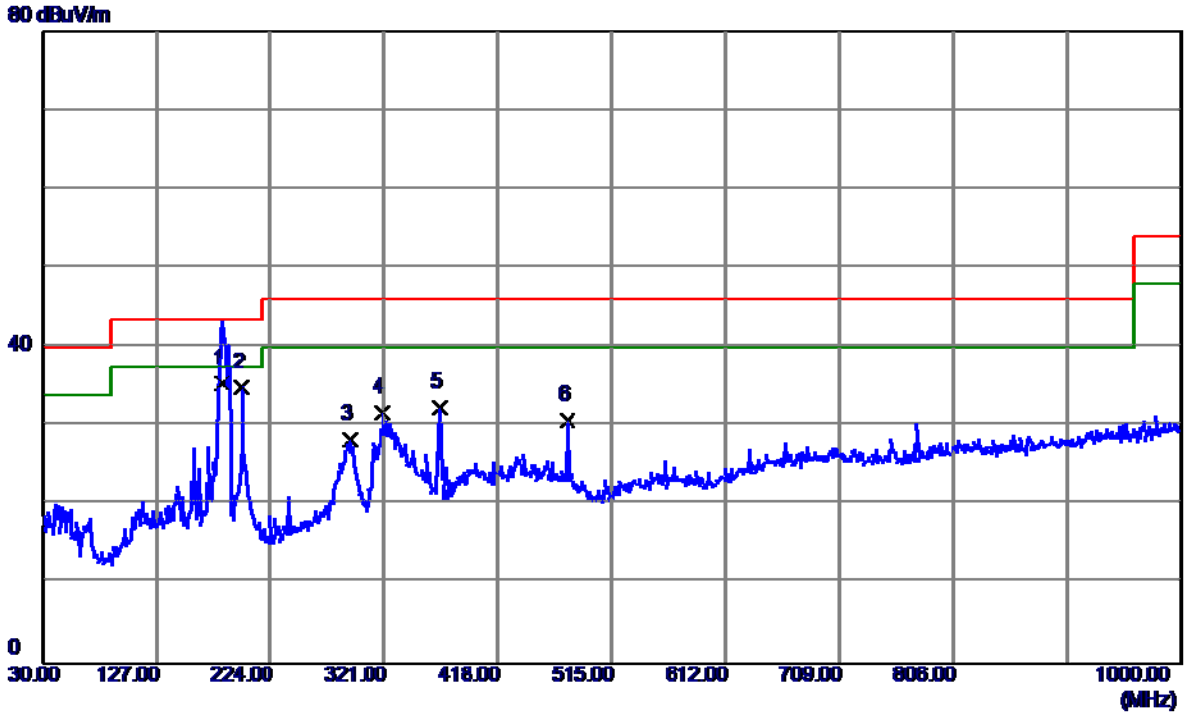
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.3150	44.50	-14.64	29.86	40.00	-10.14	Peak	
2	169.1950	40.77	-10.83	29.94	43.50	-13.56	Peak	
3 *	185.6850	49.52	-12.71	36.81	43.50	-6.69	Peak	
4	320.0300	34.37	-10.29	24.08	46.00	-21.92	Peak	
5	633.3400	32.51	-2.95	29.56	46.00	-16.44	Peak	
6	685.2350	31.65	-1.18	30.47	46.00	-15.53	Peak	

Test Mode:	UNII-1/TX A Mode 5180MHz (Adapter:2# MU18A2120150-A1)

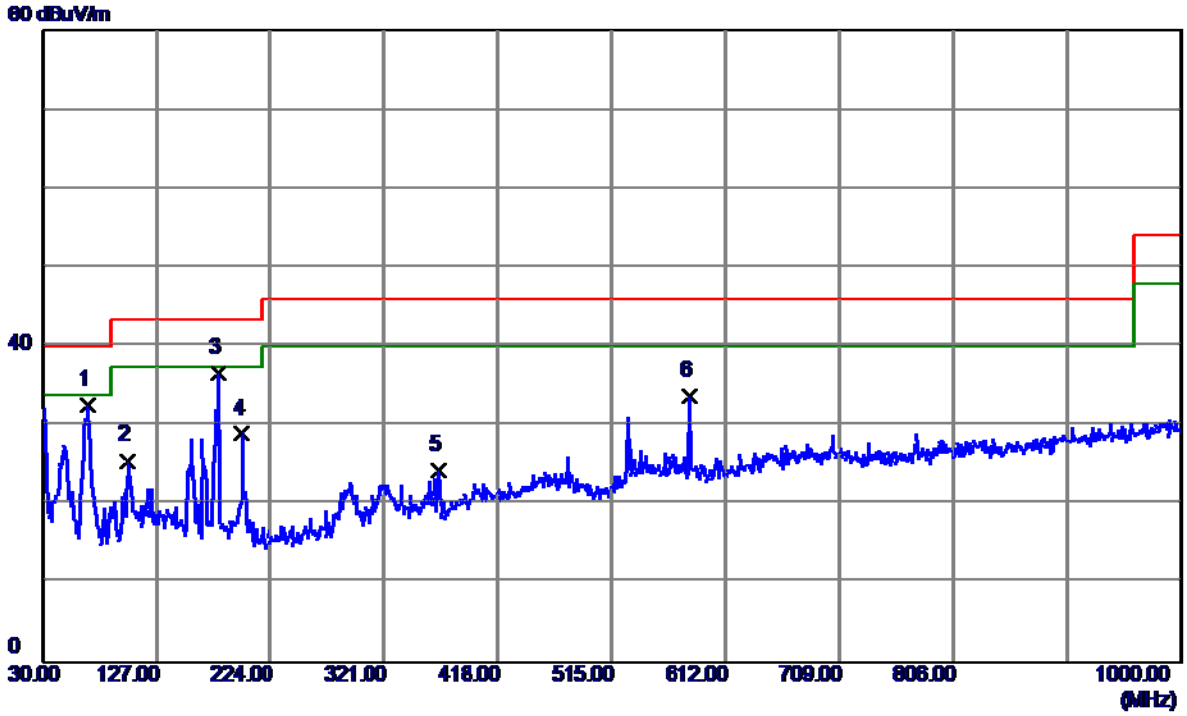
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	183.1475	47.77	-12.45	35.32	43.50	-8.18	QP	
2	199.7500	48.49	-13.61	34.88	43.50	-8.62	Peak	
3	291.4150	38.30	-9.99	28.31	46.00	-17.69	Peak	
4	320.0300	41.97	-10.29	31.68	46.00	-14.32	Peak	
5	368.0450	41.74	-9.49	32.25	46.00	-13.75	Peak	
6	477.1700	38.12	-7.45	30.67	46.00	-15.33	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz (Adapter:2# MU18A2120150-A1)

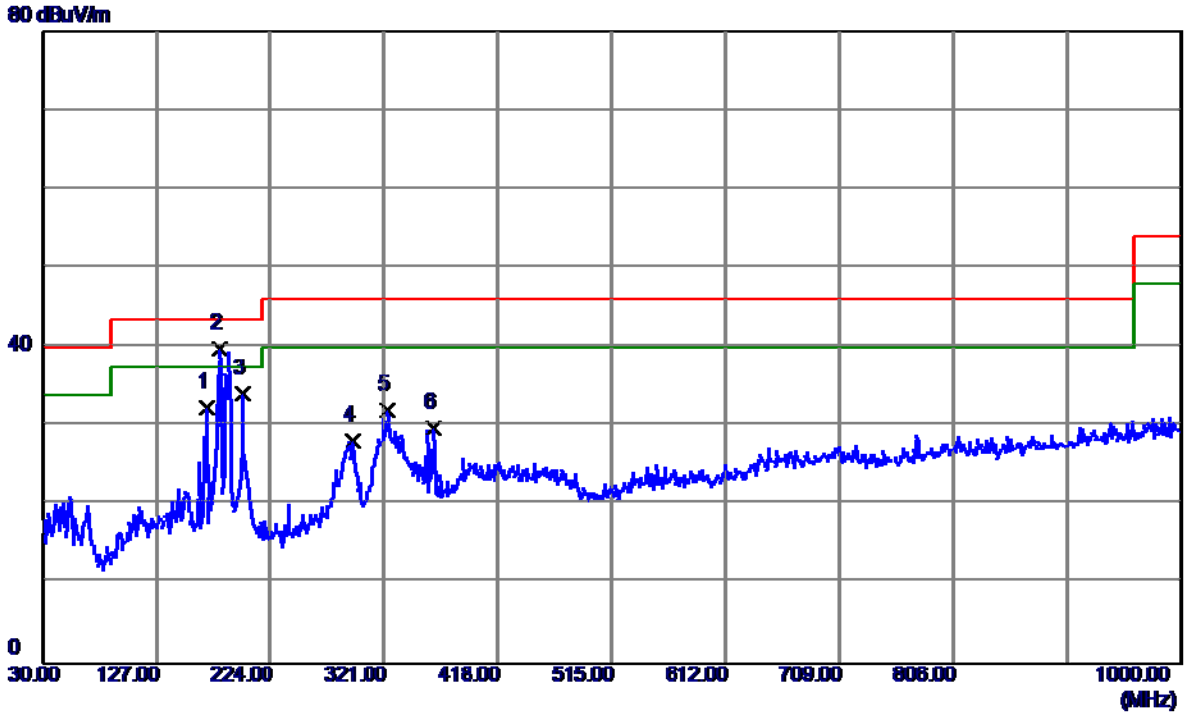
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.3150	47.28	-14.64	32.64	40.00	-7.36	Peak	
2	102.2650	39.84	-14.32	25.52	43.50	-17.98	Peak	
3 *	179.3800	48.75	-12.04	36.71	43.50	-6.79	Peak	
4	199.7500	42.64	-13.61	29.03	43.50	-14.47	Peak	
5	367.0750	33.95	-9.56	24.39	46.00	-21.61	Peak	
6	581.4450	38.71	-4.93	33.78	46.00	-12.22	Peak	

Test Mode:	UNII-1/TX A Mode 5200MHz (Adapter:2# MU18A2120150-A1)

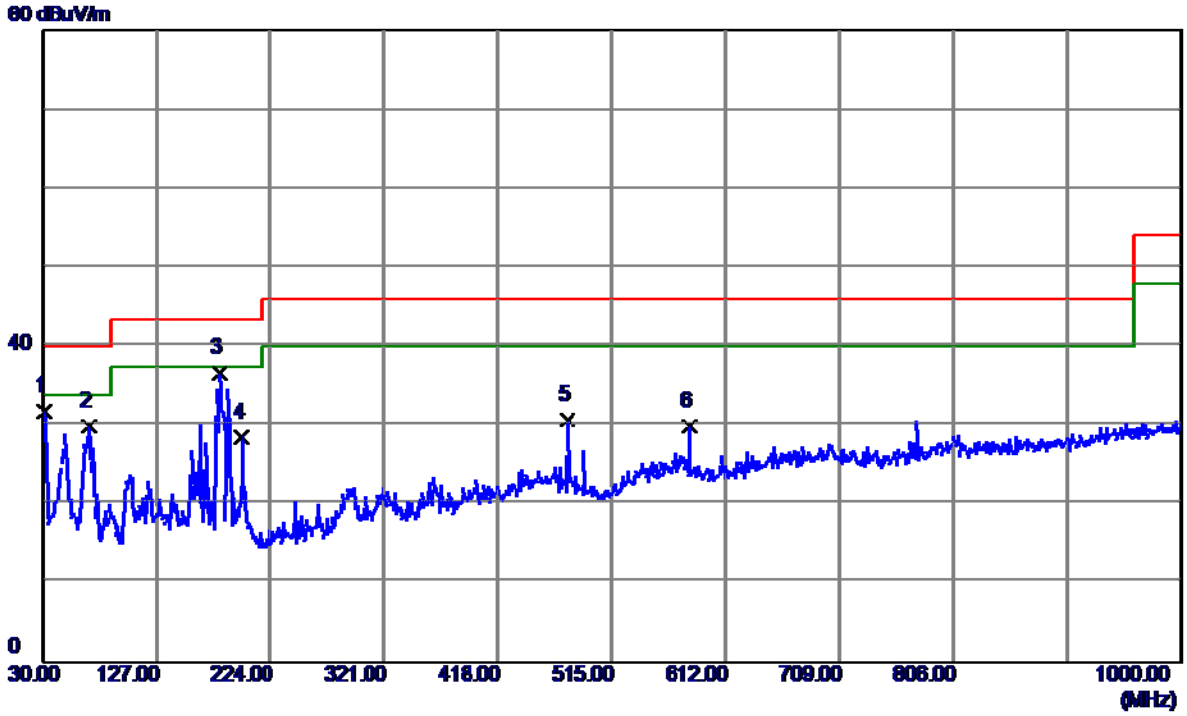
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	169.6799	43.12	-10.74	32.38	43.50	-11.12	Peak	
2 *	180.8350	52.03	-12.21	39.82	43.50	-3.68	Peak	
3	200.2350	47.78	-13.63	34.15	43.50	-9.35	Peak	
4	293.8400	38.11	-9.98	28.13	46.00	-17.87	Peak	
5	324.3950	42.29	-10.36	31.93	46.00	-14.07	Peak	
6	363.1950	39.63	-9.84	29.79	46.00	-16.21	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz (Adapter:2# MU18A2120150-A1)

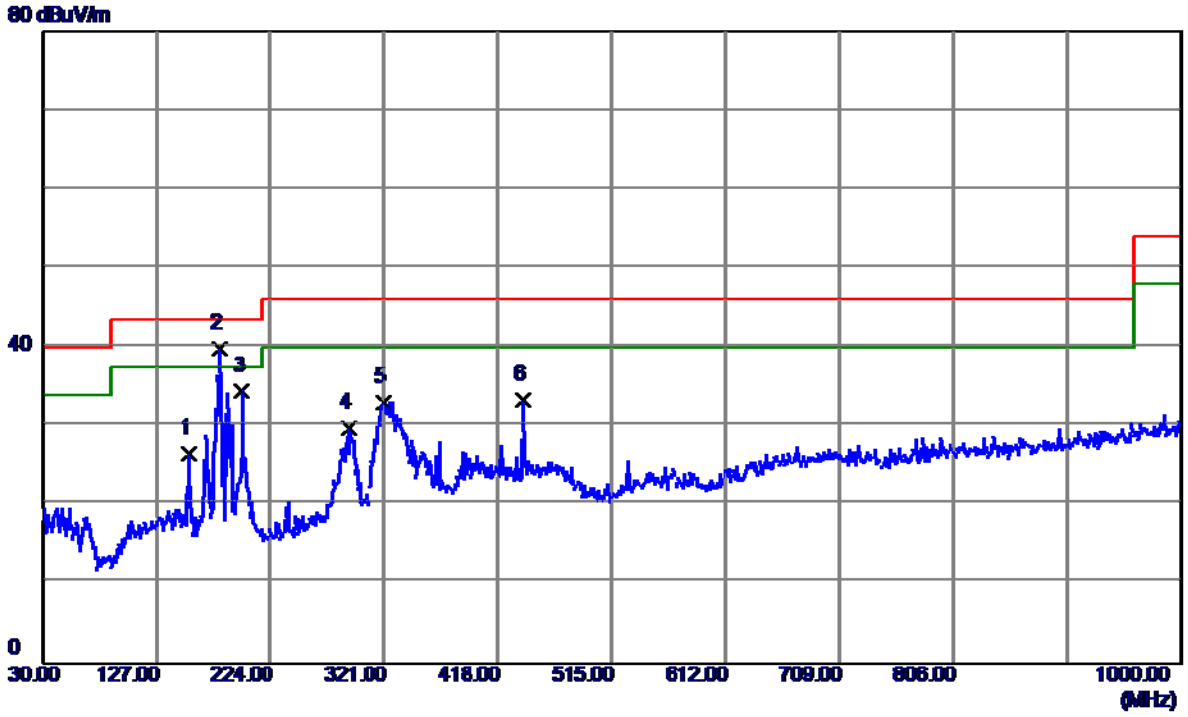
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.9700	44.80	-12.93	31.87	40.00	-8.13	Peak	
2	69.7699	44.96	-15.07	29.89	40.00	-10.11	Peak	
3 *	180.8350	48.91	-12.21	36.70	43.50	-6.80	Peak	
4	199.7500	42.15	-13.61	28.54	43.50	-14.96	Peak	
5	477.1700	38.20	-7.45	30.75	46.00	-15.25	Peak	
6	581.4450	34.86	-4.93	29.93	46.00	-16.07	Peak	

Test Mode:	UNII-1/TX A Mode 5240MHz (Adapter:2# MU18A2120150-A1)

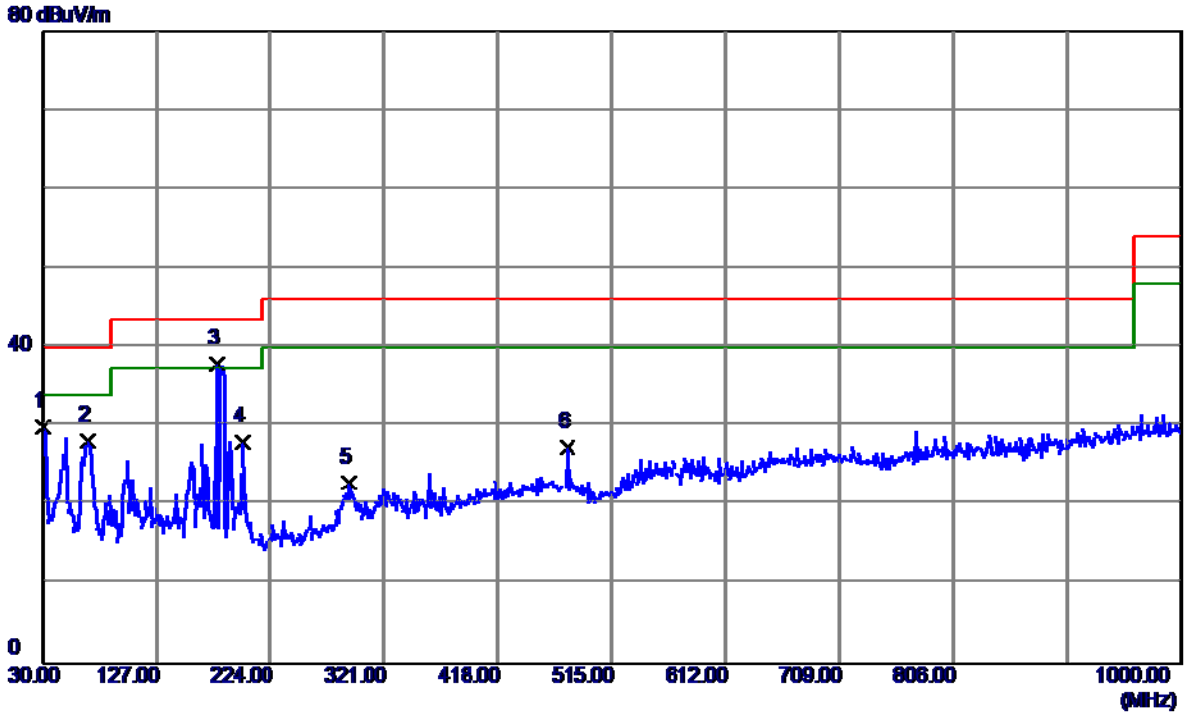
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	154.6450	38.72	-12.18	26.54	43.50	-16.96	Peak	
2 *	180.8350	52.06	-12.21	39.85	43.50	-3.65	Peak	
3	199.7500	48.00	-13.61	34.39	43.50	-9.11	Peak	
4	290.9300	39.81	-9.99	29.82	46.00	-16.18	Peak	
5	321.0000	43.34	-10.31	33.03	46.00	-12.97	Peak	
6	439.8250	40.31	-7.09	33.22	46.00	-12.78	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz (Adapter:2# MU18A2120150-A1)

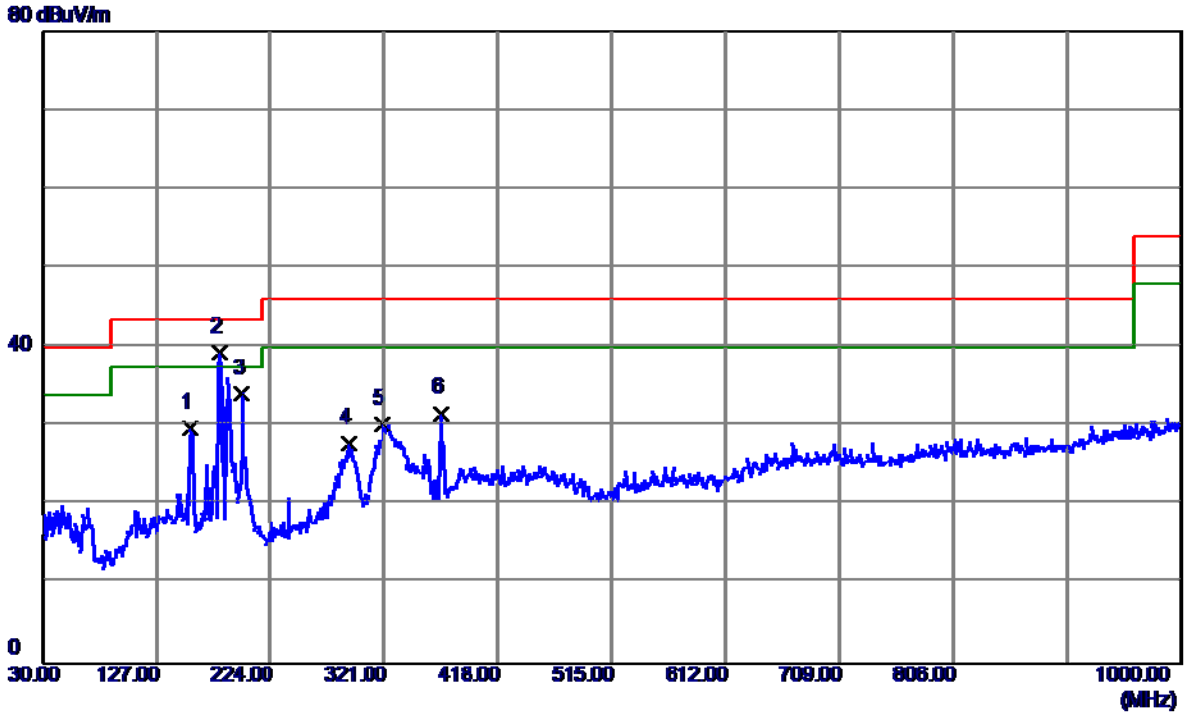
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.0000	42.65	-12.74	29.91	40.00	-10.09	Peak	
2	69.2850	43.03	-14.93	28.10	40.00	-11.90	Peak	
3 *	178.4100	49.75	-11.90	37.85	43.50	-5.65	Peak	
4	200.2350	41.64	-13.63	28.01	43.50	-15.49	Peak	
5	290.9300	32.87	-9.99	22.88	46.00	-23.12	Peak	
6	477.1700	34.77	-7.45	27.32	46.00	-18.68	Peak	

Test Mode:	UNII-3/TX A Mode 5745MHz (Adapter:2# MU18A2120150-A1)

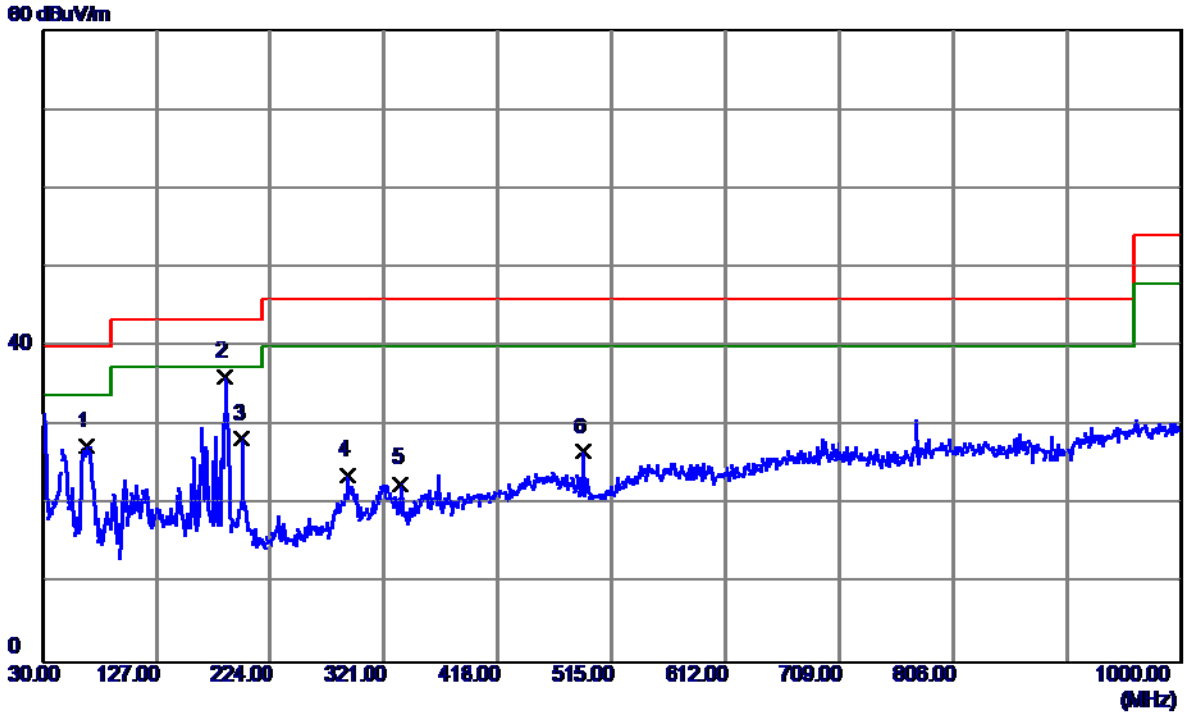
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	156.5850	42.04	-12.31	29.73	43.50	-13.77	Peak	
2 *	180.8350	51.52	-12.21	39.31	43.50	-4.19	Peak	
3	199.7500	47.70	-13.61	34.09	43.50	-9.41	Peak	
4	290.9300	37.90	-9.99	27.91	46.00	-18.09	Peak	
5	320.0300	40.53	-10.29	30.24	46.00	-15.76	Peak	
6	369.0150	41.03	-9.43	31.60	46.00	-14.40	Peak	

Test Mode:	UNII-3/TX A Mode 5785MHz (Adapter:2# MU18A2120150-A1)

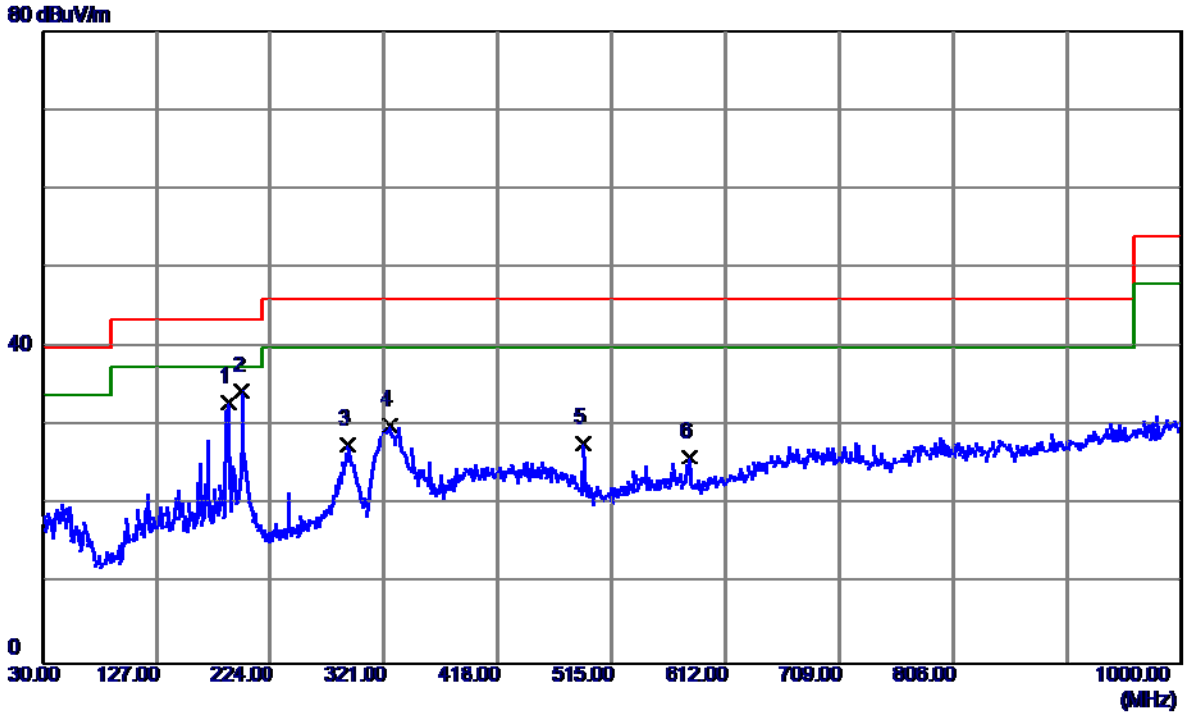
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	67.8300	41.90	-14.50	27.40	40.00	-12.60	Peak	
2 *	185.6850	48.90	-12.71	36.19	43.50	-7.31	Peak	
3	199.7500	41.87	-13.61	28.26	43.50	-15.24	Peak	
4	289.4750	33.84	-10.09	23.75	46.00	-22.25	Peak	
5	335.5500	33.19	-10.55	22.64	46.00	-23.36	Peak	
6	491.2350	34.29	-7.65	26.64	46.00	-19.36	Peak	

Test Mode:	UNII-3/TX A Mode 5785MHz (Adapter:2# MU18A2120150-A1)

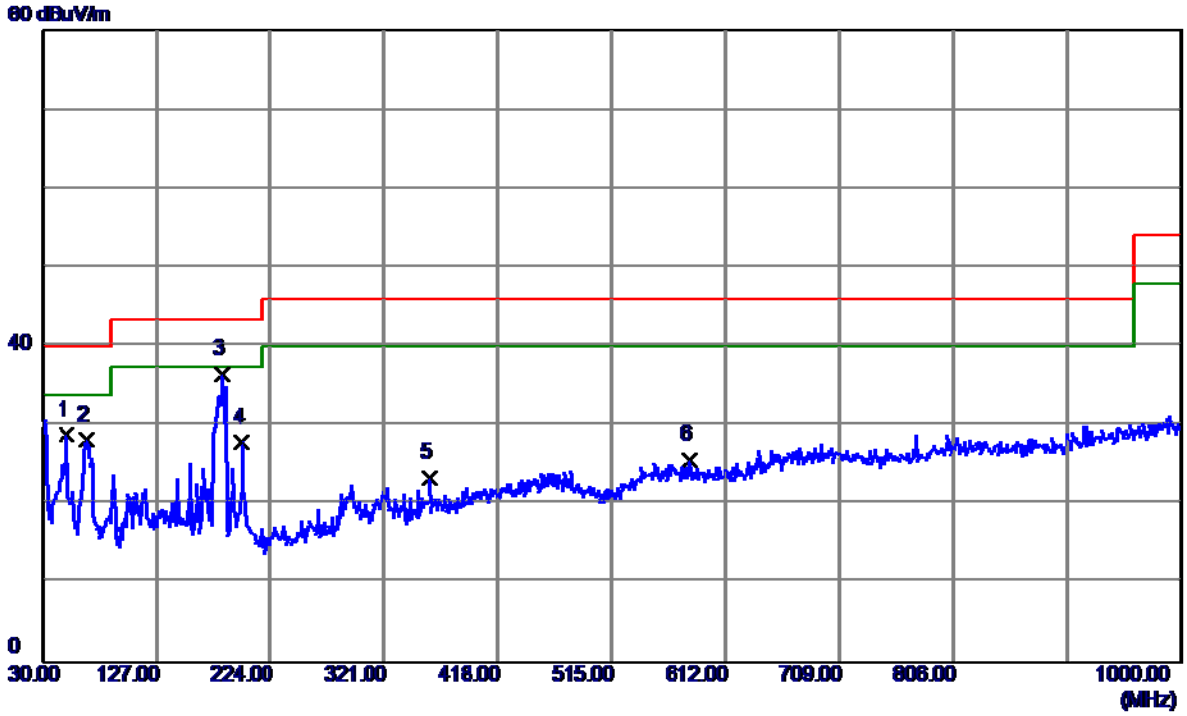
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	188.1100	45.91	-12.95	32.96	43.50	-10.54	Peak	
2 *	199.7500	48.06	-13.61	34.45	43.50	-9.05	Peak	
3	289.4750	37.82	-10.09	27.73	46.00	-18.27	Peak	
4	325.8500	40.54	-10.39	30.15	46.00	-15.85	Peak	
5	491.7200	35.47	-7.65	27.82	46.00	-18.18	Peak	
6	581.4450	31.07	-4.93	26.14	46.00	-19.86	Peak	

Test Mode:	UNII-3/TX A Mode 5825MHz (Adapter:2# MU18A2120150-A1)

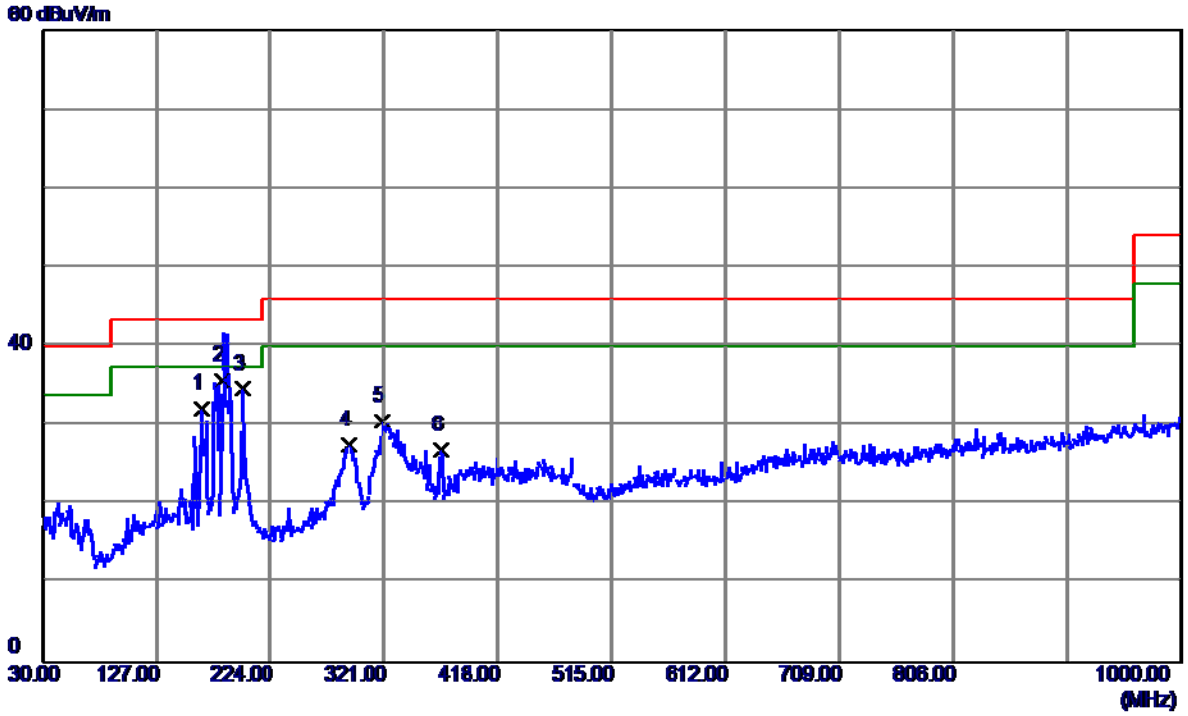
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	50.3700	40.89	-12.06	28.83	40.00	-11.17	Peak	
2	67.3450	42.59	-14.36	28.23	40.00	-11.77	Peak	
3 *	182.7750	48.82	-12.41	36.41	43.50	-7.09	Peak	
4	199.7500	41.48	-13.61	27.87	43.50	-15.63	Peak	
5	359.8000	33.44	-10.08	23.36	46.00	-22.64	Peak	
6	581.4450	30.59	-4.93	25.66	46.00	-20.34	Peak	

Test Mode:	UNII-3/TX A Mode 5825MHz (Adapter:2# MU18A2120150-A1)

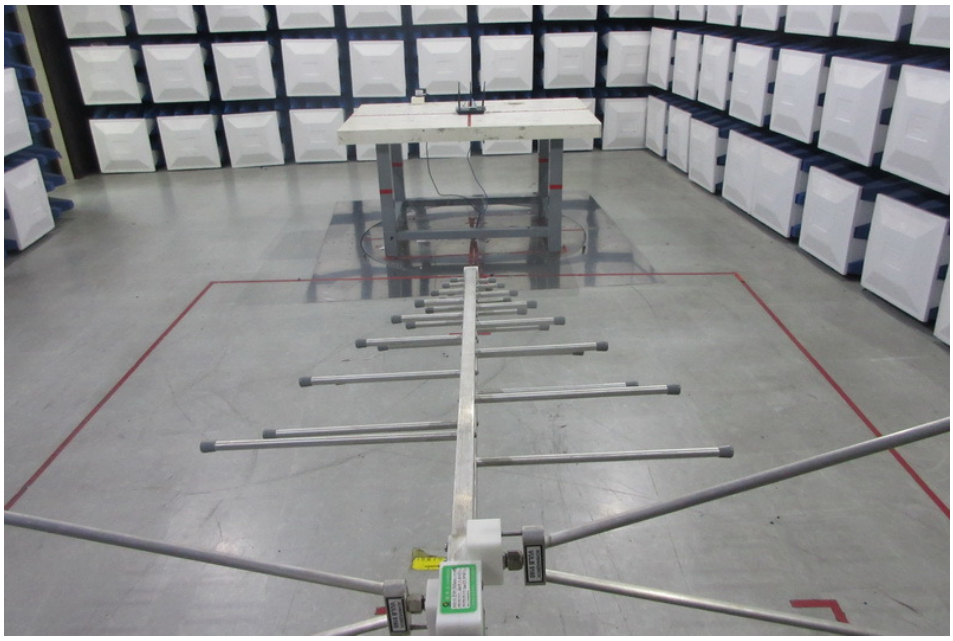
Horizontal

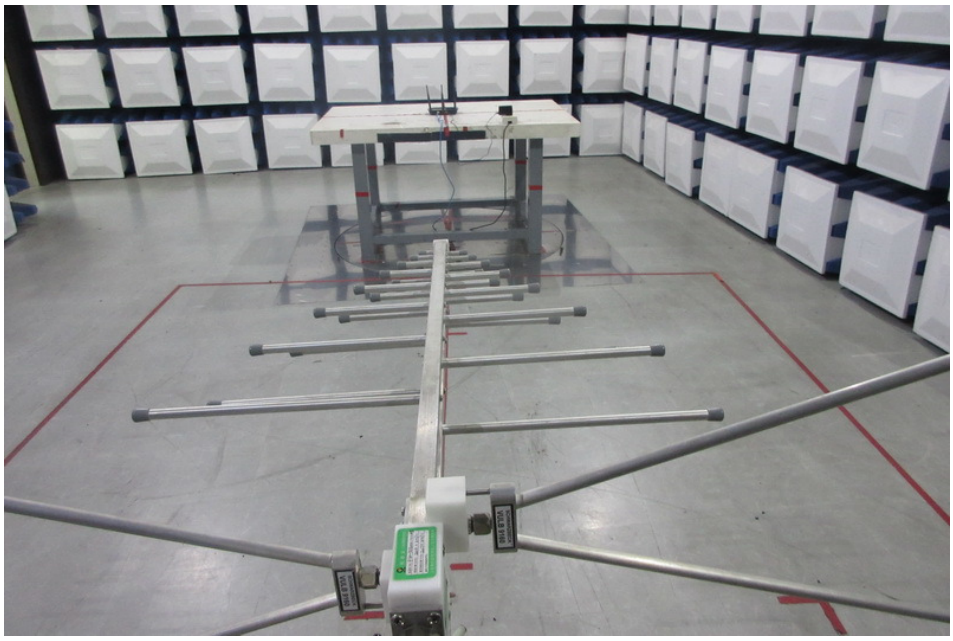


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	165.3150	43.65	-11.55	32.10	43.50	-11.40	Peak	
2 *	183.0375	48.06	-12.44	35.62	43.50	-7.88	QP	
3	200.2350	48.27	-13.63	34.64	43.50	-8.86	Peak	
4	290.4450	37.57	-10.00	27.57	46.00	-18.43	Peak	
5	320.0300	40.86	-10.29	30.57	46.00	-15.43	Peak	
6	369.0150	36.26	-9.43	26.83	46.00	-19.17	Peak	

Radiated Measurement Photos

30MHz to 1000MHz

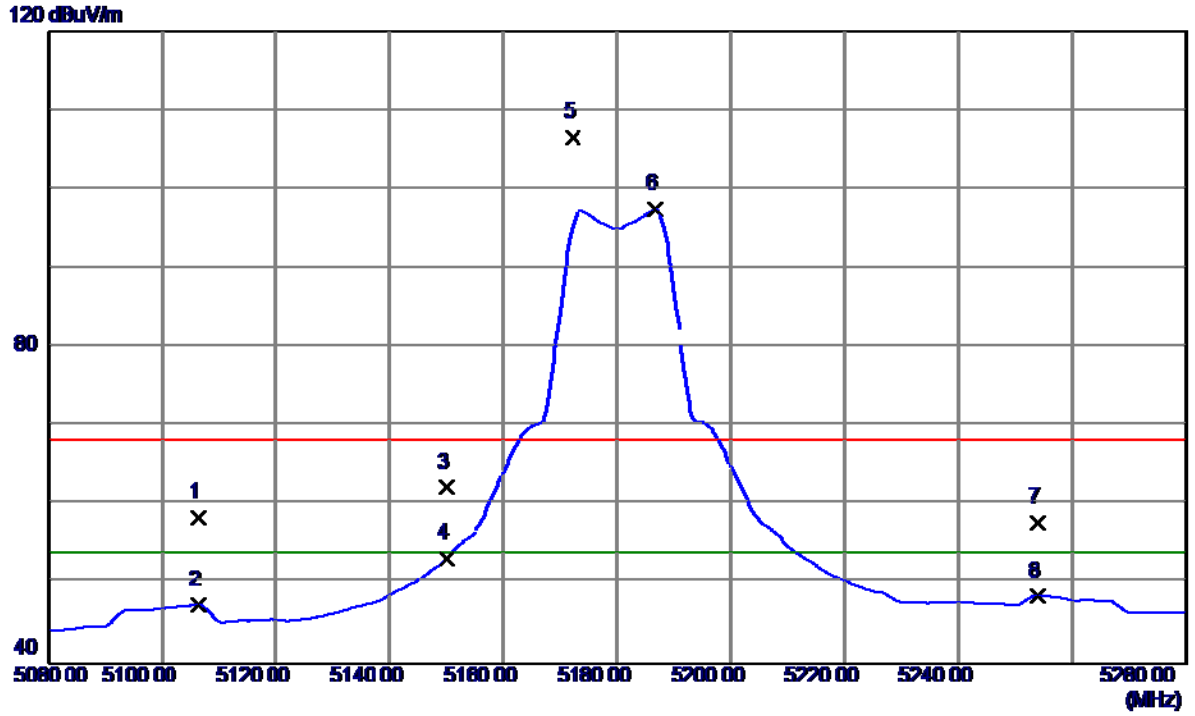




ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

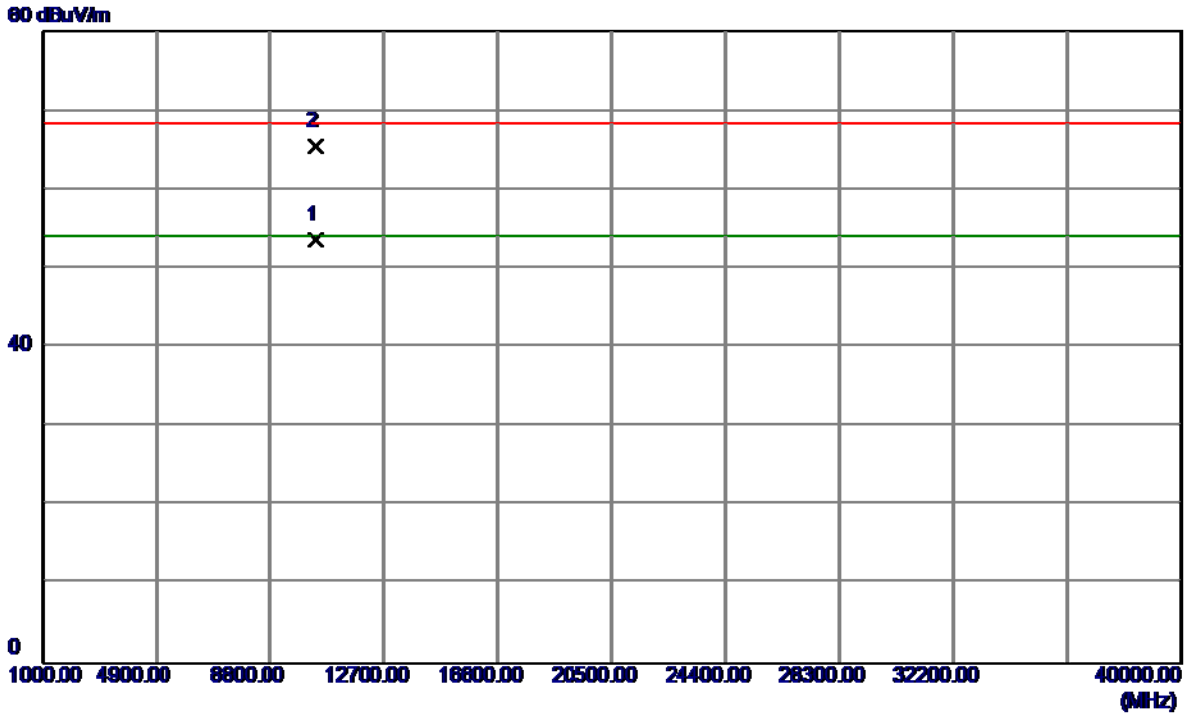
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5106.4000	18.28	40.13	58.41	68.30	-9.89	Peak	
2	5106.4000	7.23	40.13	47.36	54.00	-6.64	AVG	
3	5150.0000	21.96	40.22	62.18	68.30	-6.12	Peak	
4	5150.0000	13.06	40.22	53.28	54.00	-0.72	AVG	
5	5172.2000	66.33	40.26	106.59	68.30	38.29	Peak	NO LIMIT
6 *	5186.6000	57.09	40.30	97.39	54.00	43.39	AVG	NO LIMIT
7	5254.0000	17.27	40.44	57.71	68.30	-10.59	Peak	
8	5254.0000	8.07	40.44	48.51	54.00	-5.49	AVG	

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

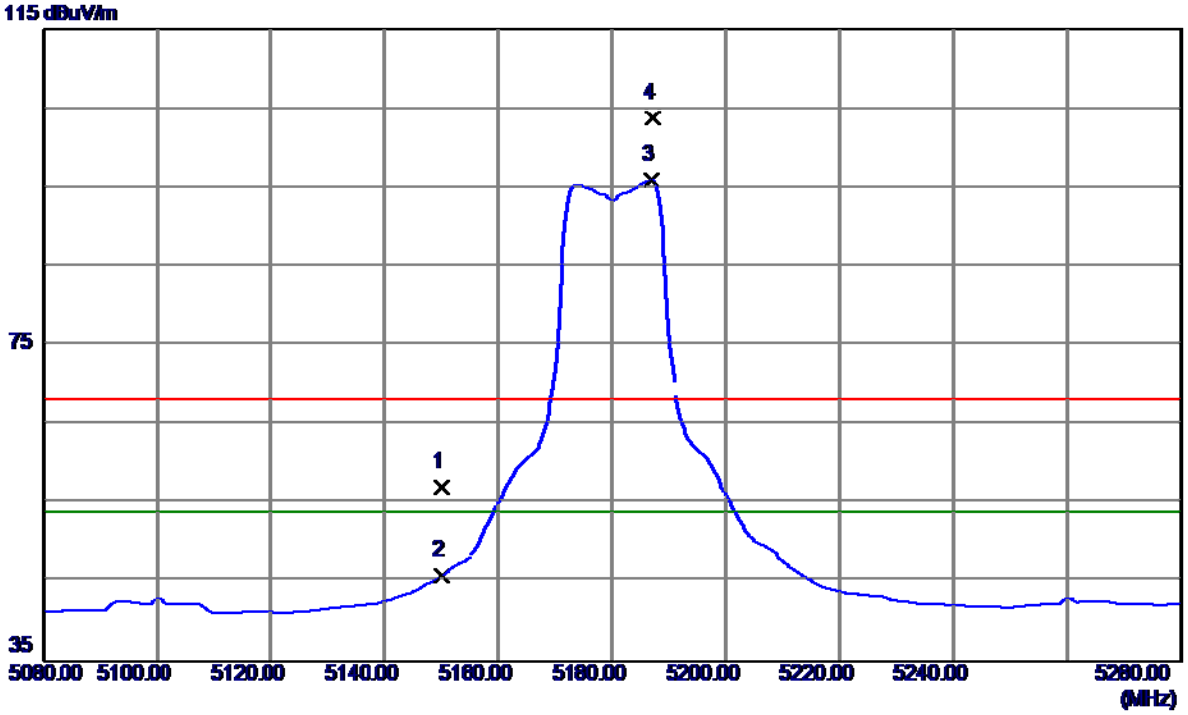
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0100	38.60	14.96	53.56	54.00	-0.44	AVG	
2	10362.2000	50.47	14.97	65.44	68.30	-2.86	Peak	

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

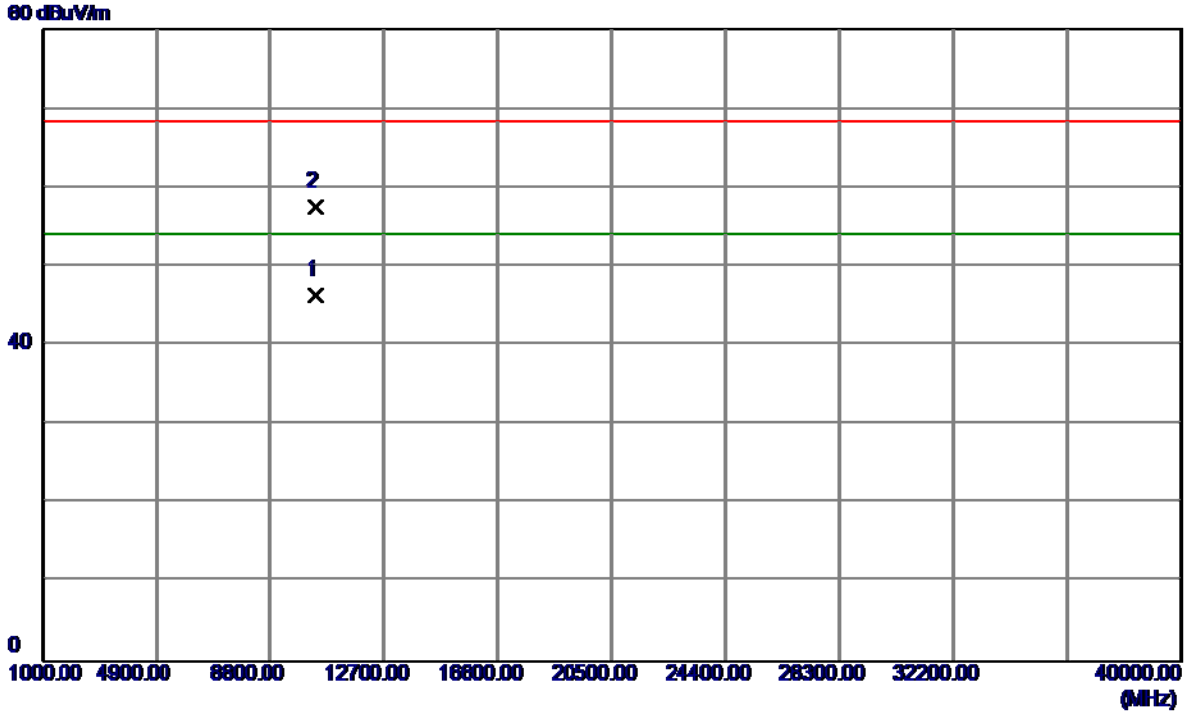
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.44	40.62	57.06	68.30	-11.24	Peak	
2	5150.0000	5.23	40.62	45.85	54.00	-8.15	AVG	
3 *	5186.8000	55.16	40.75	95.91	54.00	41.91	AVG	NO LIMIT
4	5187.2000	63.05	40.75	103.80	68.30	35.50	Peak	NO LIMIT

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

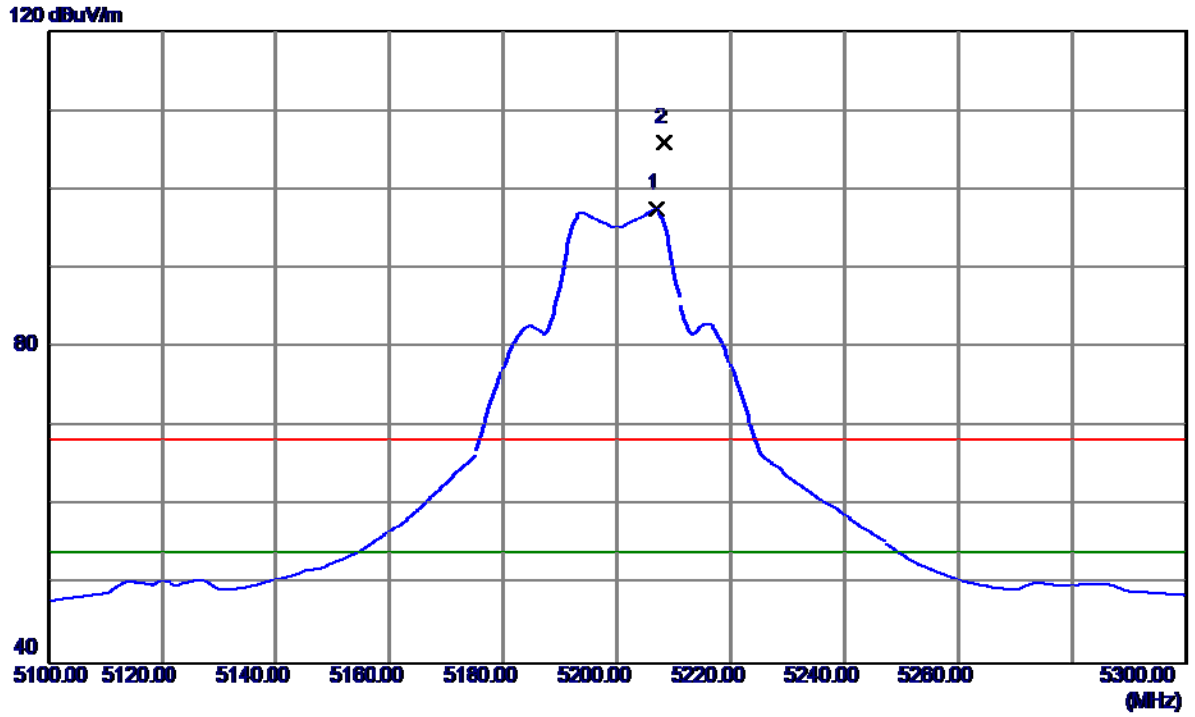
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10361.7000	31.48	14.97	46.45	54.00	-7.55	AVG	
2	10362.2000	42.57	14.97	57.54	68.30	-10.76	Peak	

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

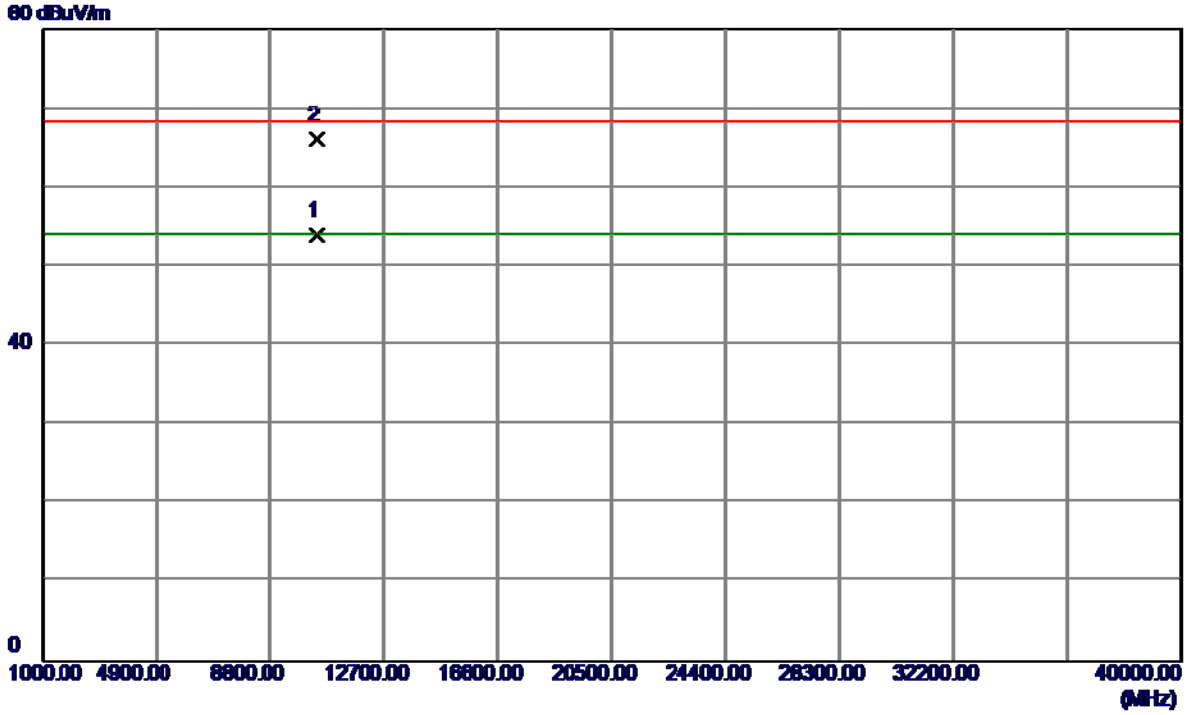
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5206.8000	57.22	40.34	97.56	54.00	43.56	AVG	NO LIMIT
2	5208.2000	65.56	40.34	105.90	68.30	37.60	Peak	NO LIMIT

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

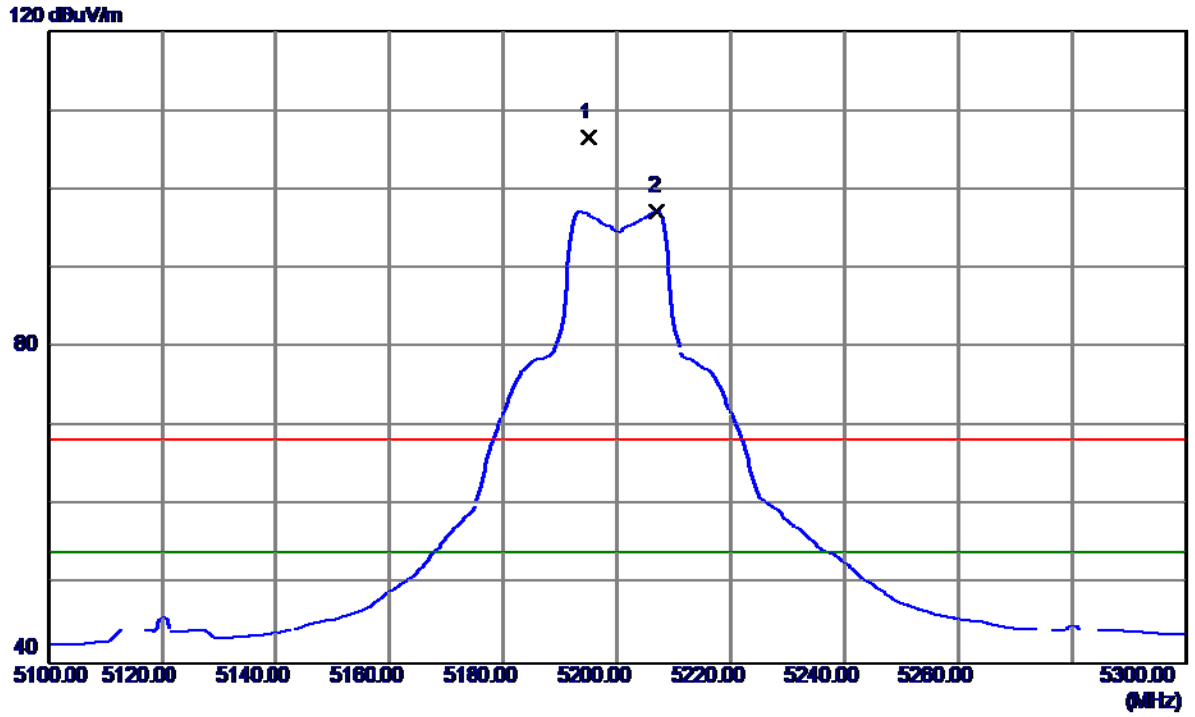
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0100	38.88	15.06	53.94	54.00	-0.06	AVG	
2	10401.6700	50.94	15.06	66.00	68.30	-2.30	Peak	

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

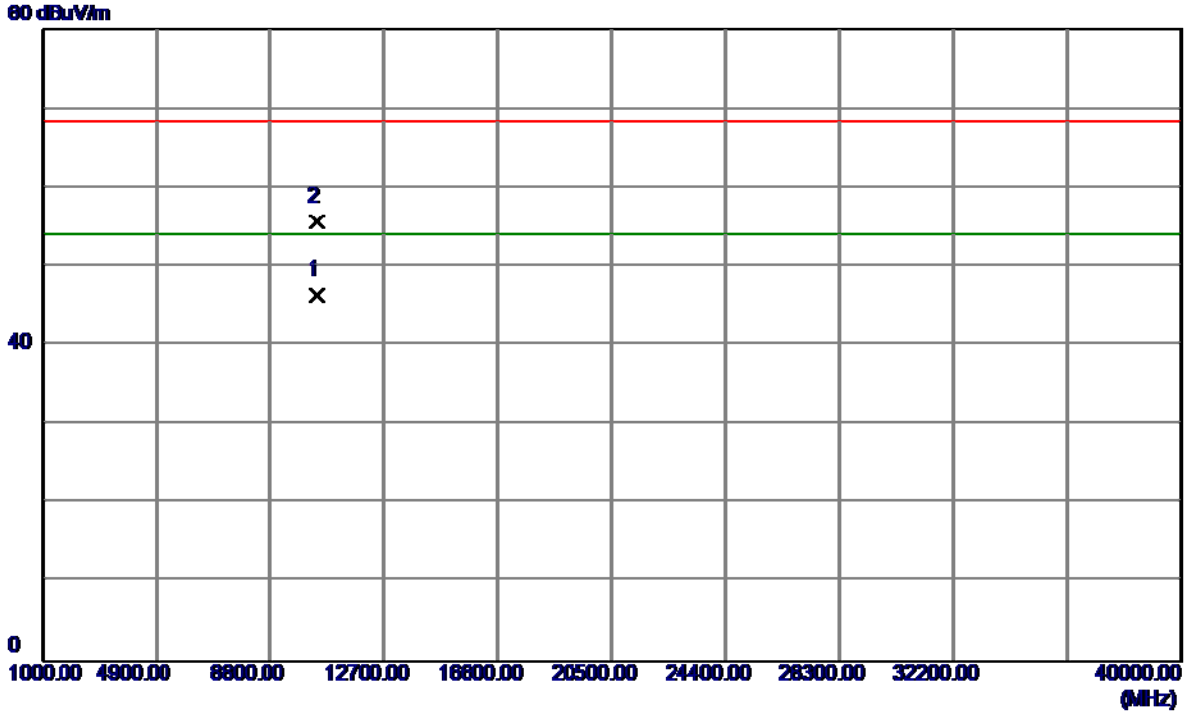
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5195.2000	65.81	40.77	106.58	68.30	38.28	Peak	NO LIMIT
2 *	5207.0000	56.53	40.81	97.34	54.00	43.34	AVG	NO LIMIT

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

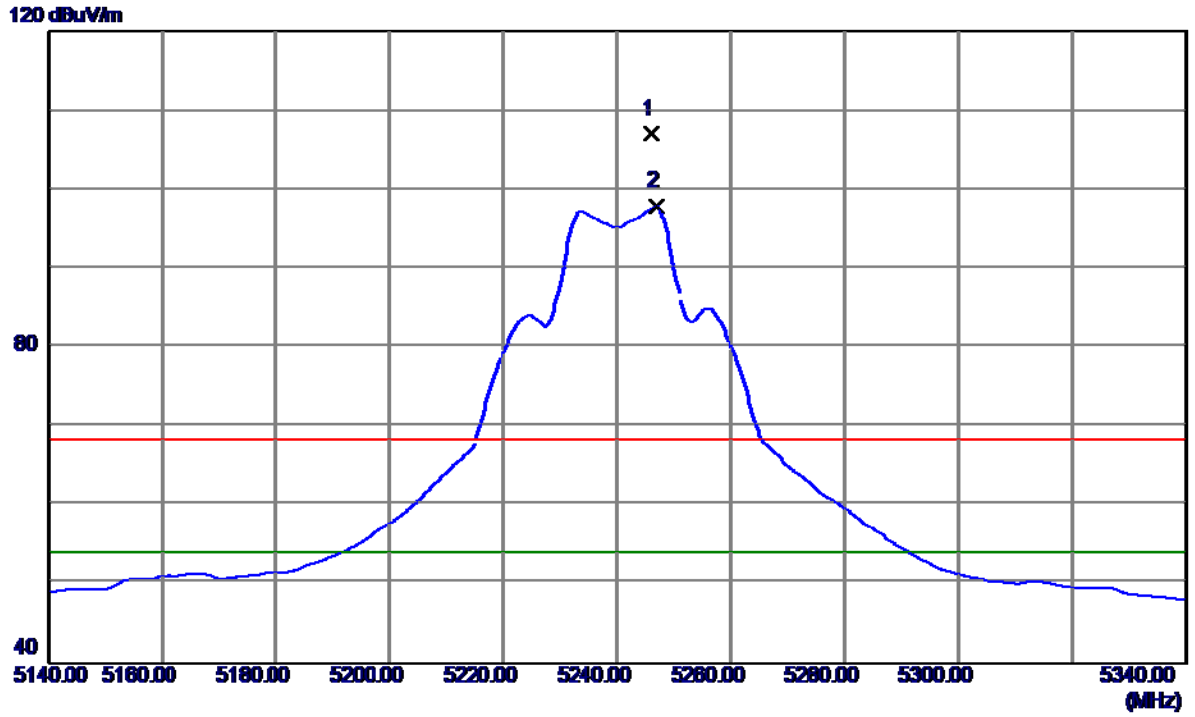
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.1000	31.33	15.06	46.39	54.00	-7.61	AVG	
2	10400.5000	40.58	15.06	55.64	68.30	-12.66	Peak	

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

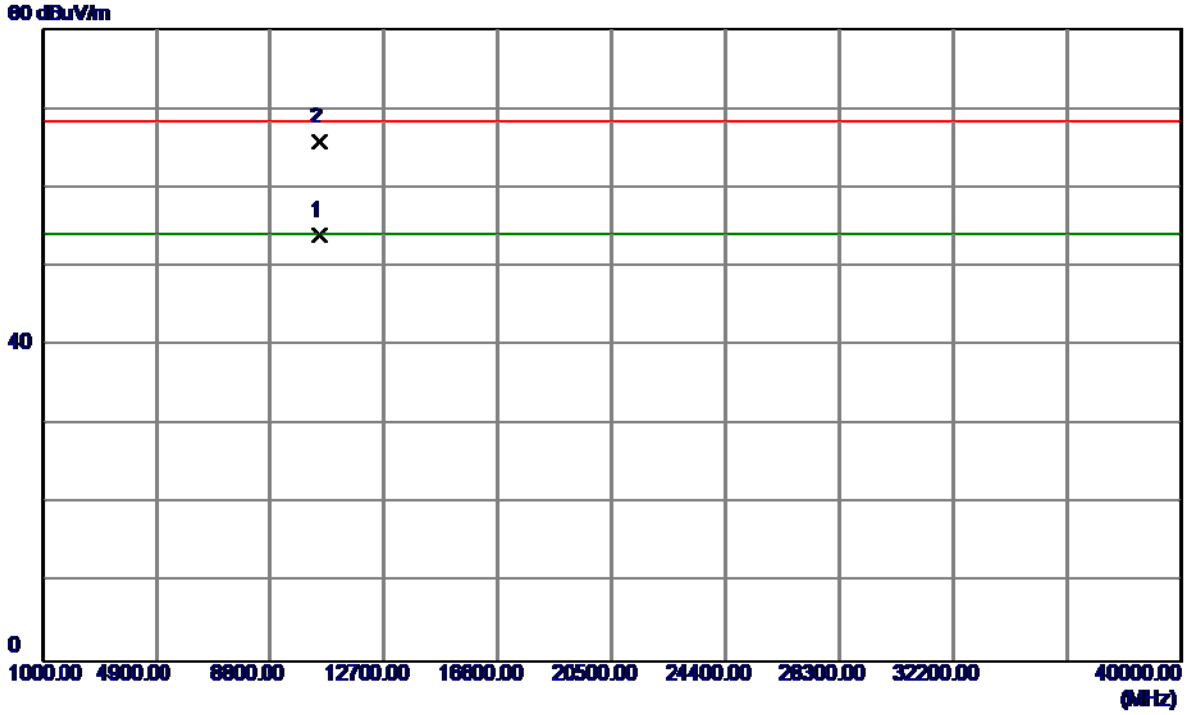
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5246.0000	66.67	40.42	107.09	68.30	38.79	Peak	NO LIMIT
2 *	5246.8000	57.47	40.42	97.89	54.00	43.89	AVG	NO LIMIT

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

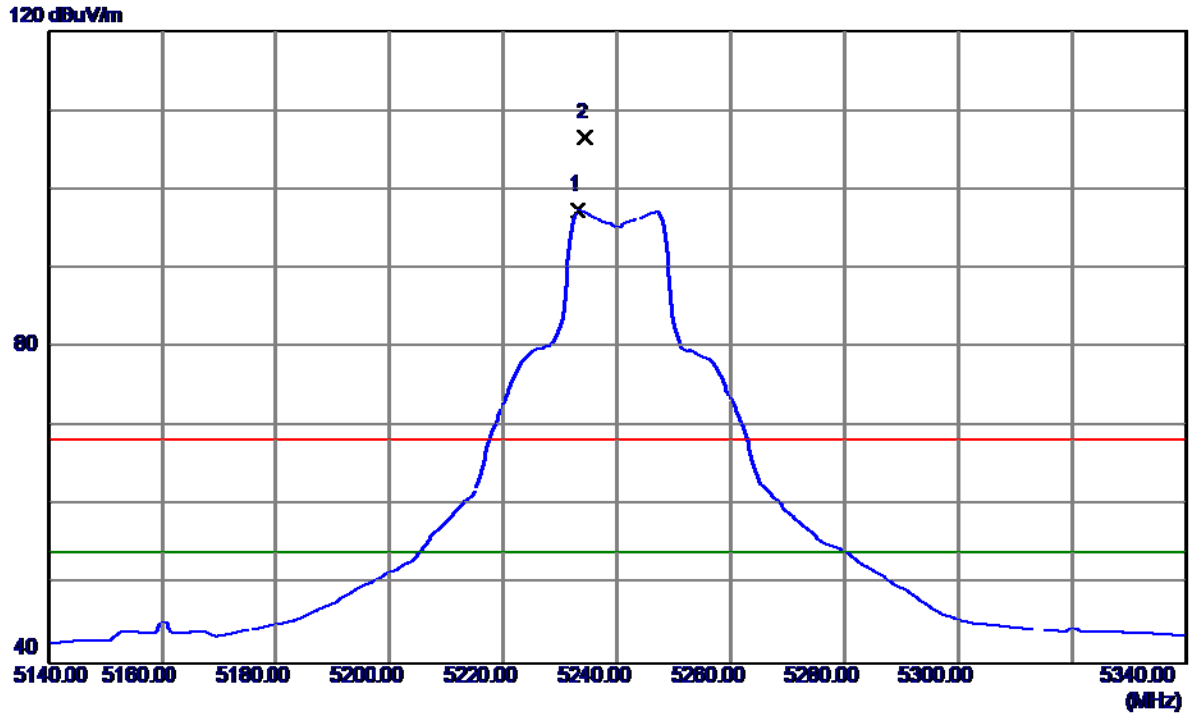
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0100	38.74	15.24	53.98	54.00	-0.02	AVG	
2	10481.6900	50.43	15.25	65.68	68.30	-2.62	Peak	

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

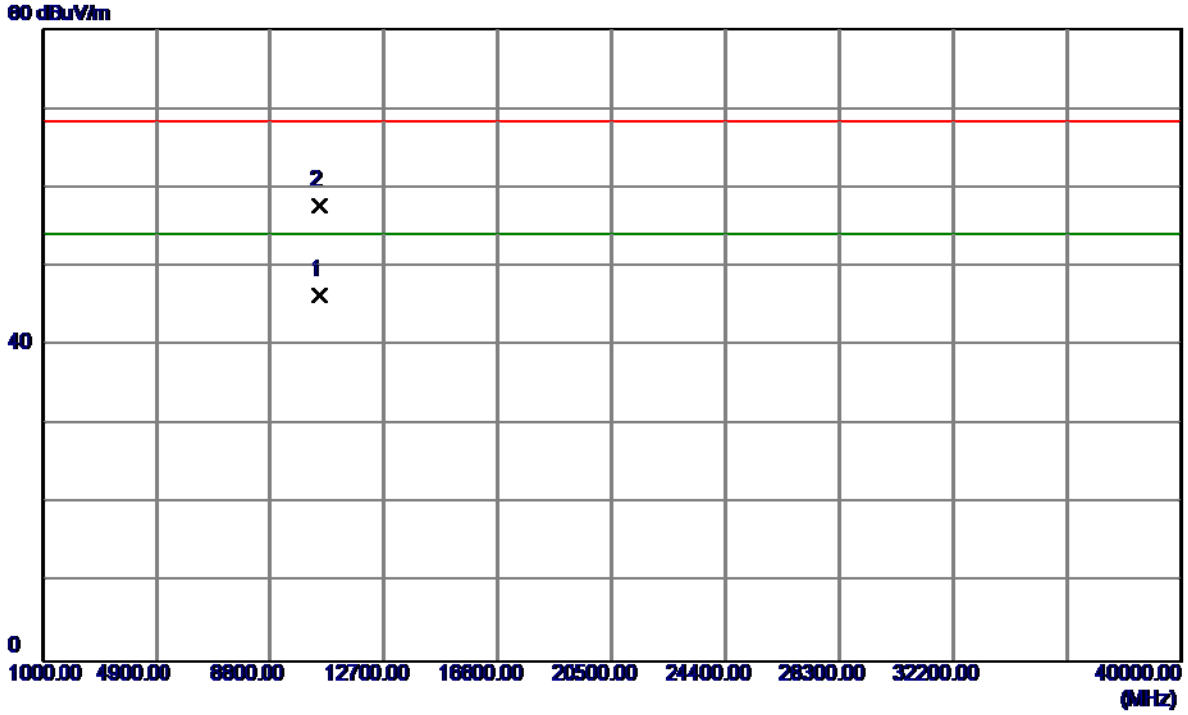
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233.2000	56.50	40.90	97.40	54.00	43.40	AVG	NO LIMIT
2	5234.4000	65.69	40.90	106.59	68.30	38.29	Peak	NO LIMIT

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

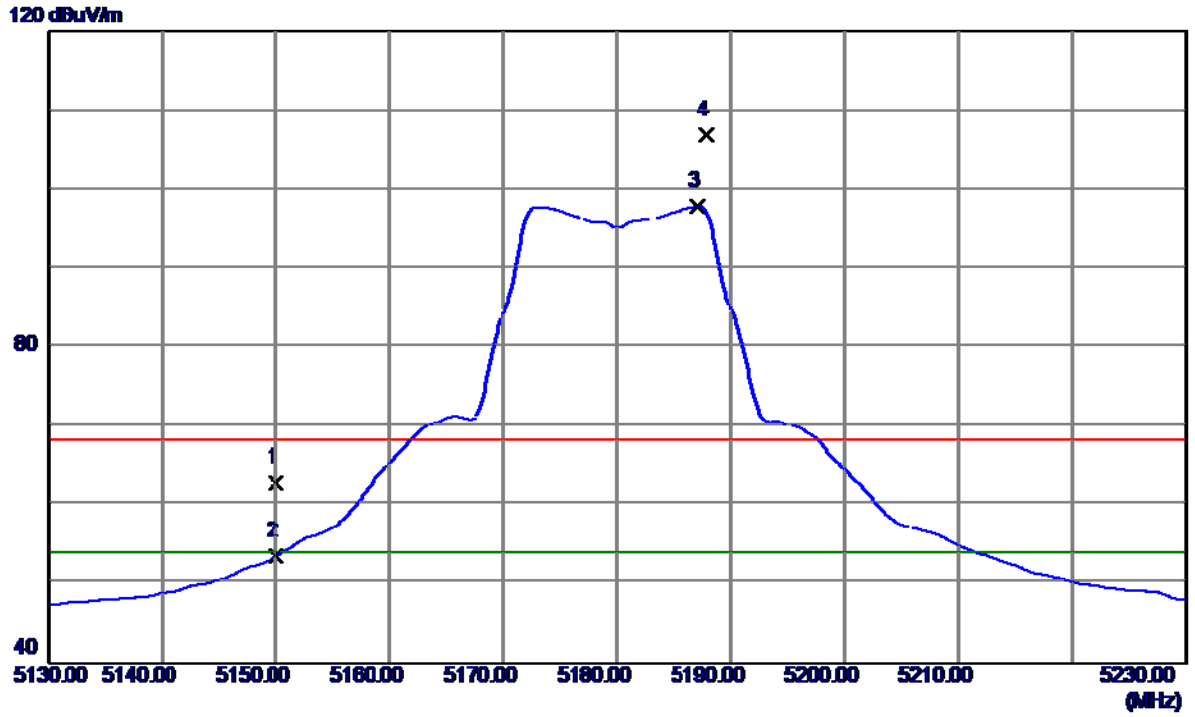
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.7000	31.10	15.24	46.34	54.00	-7.66	AVG	
2	10481.9000	42.56	15.25	57.81	68.30	-10.49	Peak	

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

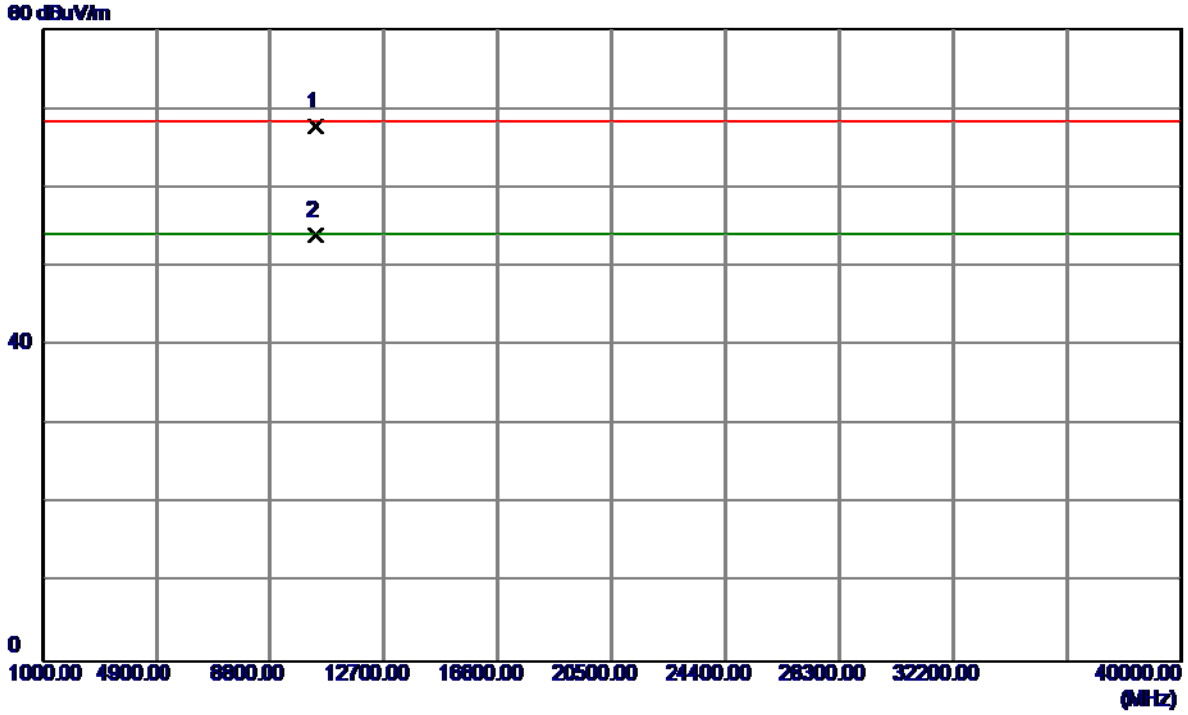
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.29	40.62	62.91	68.30	-5.39	Peak	
2	5150.0000	12.94	40.62	53.56	54.00	-0.44	AVG	
3 *	5187.1000	57.15	40.75	97.90	54.00	43.90	AVG	NO LIMIT
4	5187.9000	66.09	40.75	106.84	68.30	38.54	Peak	NO LIMIT

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

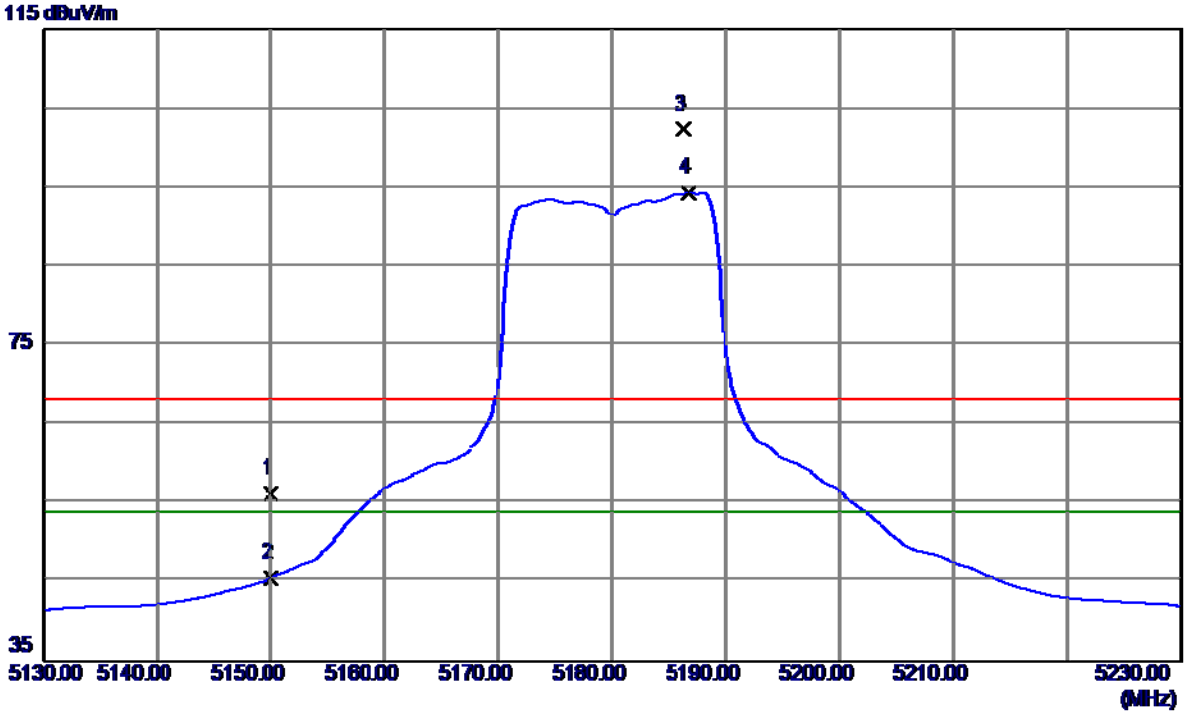
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.7000	52.75	14.96	67.71	68.30	-0.59	Peak	
2 *	10359.9100	39.01	14.96	53.97	54.00	-0.03	AVG	

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

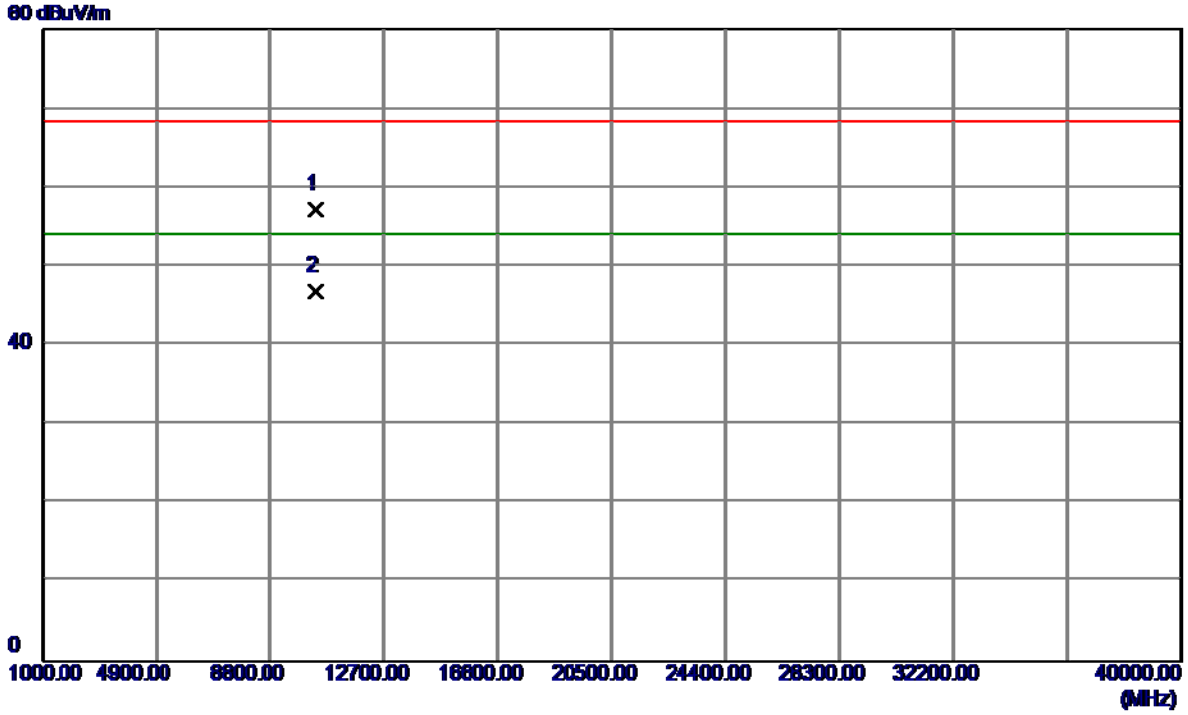
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	15.65	40.62	56.27	68.30	-12.03	Peak	
2	5150.0000	4.98	40.62	45.60	54.00	-8.40	AVG	
3	5186.3000	61.65	40.74	102.39	68.30	34.09	Peak	NO LIMIT
4 *	5186.8000	53.61	40.75	94.36	54.00	40.36	AVG	NO LIMIT

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

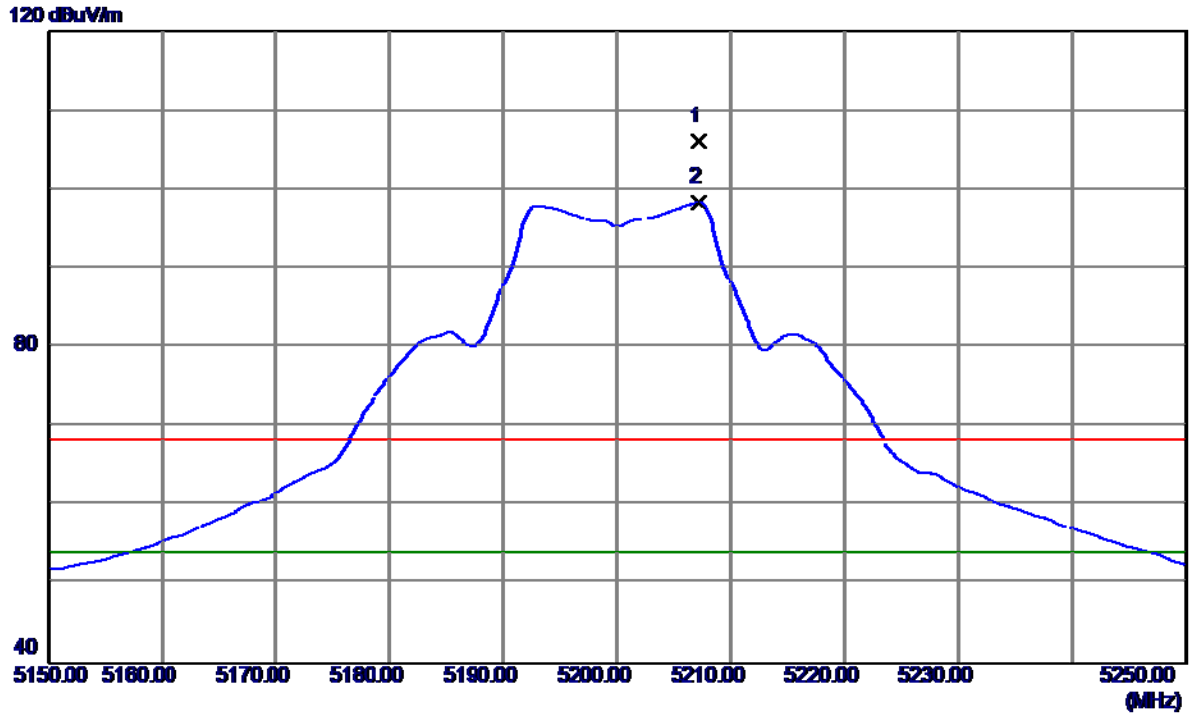
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.0500	42.39	14.96	57.35	68.30	-10.95	Peak	
2 *	10360.0100	31.97	14.96	46.93	54.00	-7.07	AVG	

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

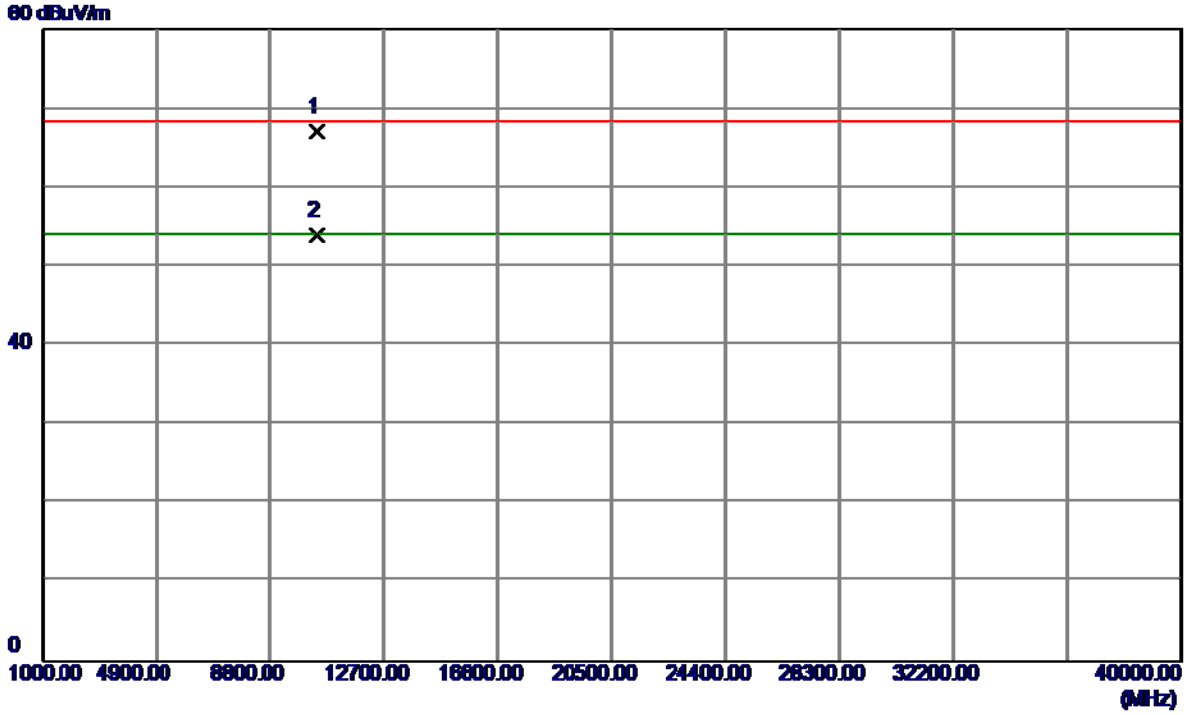
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5207.2000	65.21	40.81	106.02	68.30	37.72	Peak	NO LIMIT
2 *	5207.2000	57.56	40.81	98.37	54.00	44.37	AVG	NO LIMIT

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

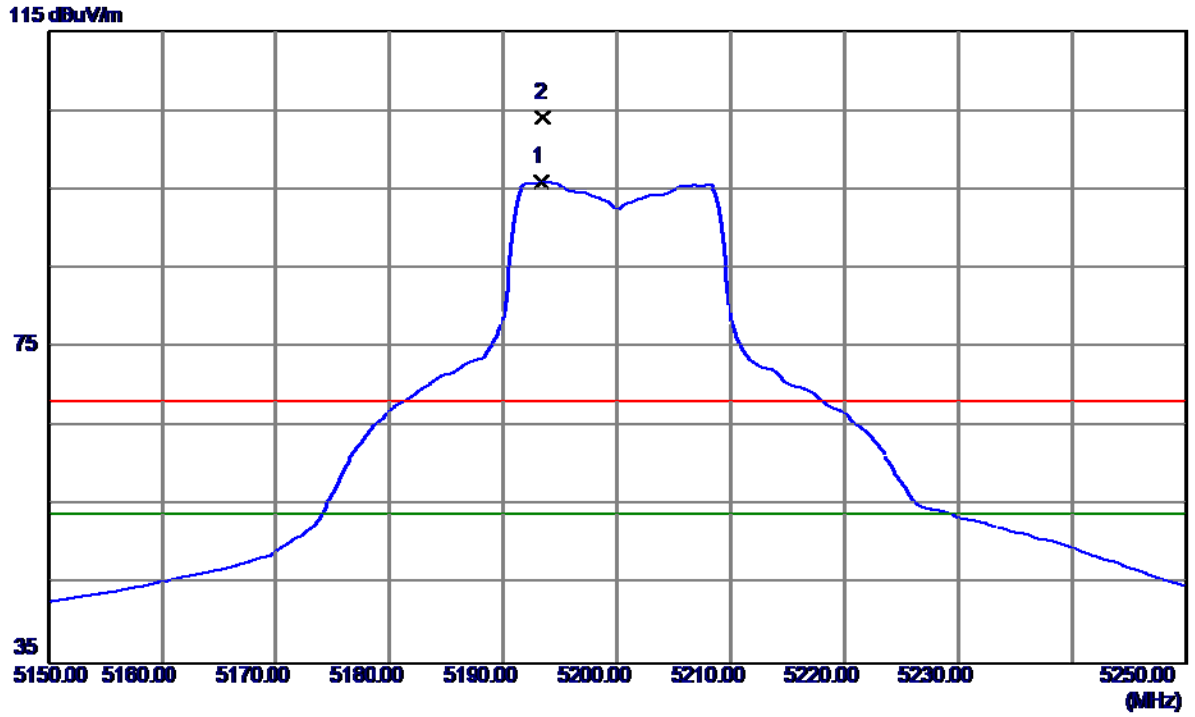
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.3400	51.94	15.05	66.99	68.30	-1.31	Peak	
2 *	10399.9200	38.78	15.06	53.84	54.00	-0.16	AVG	

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

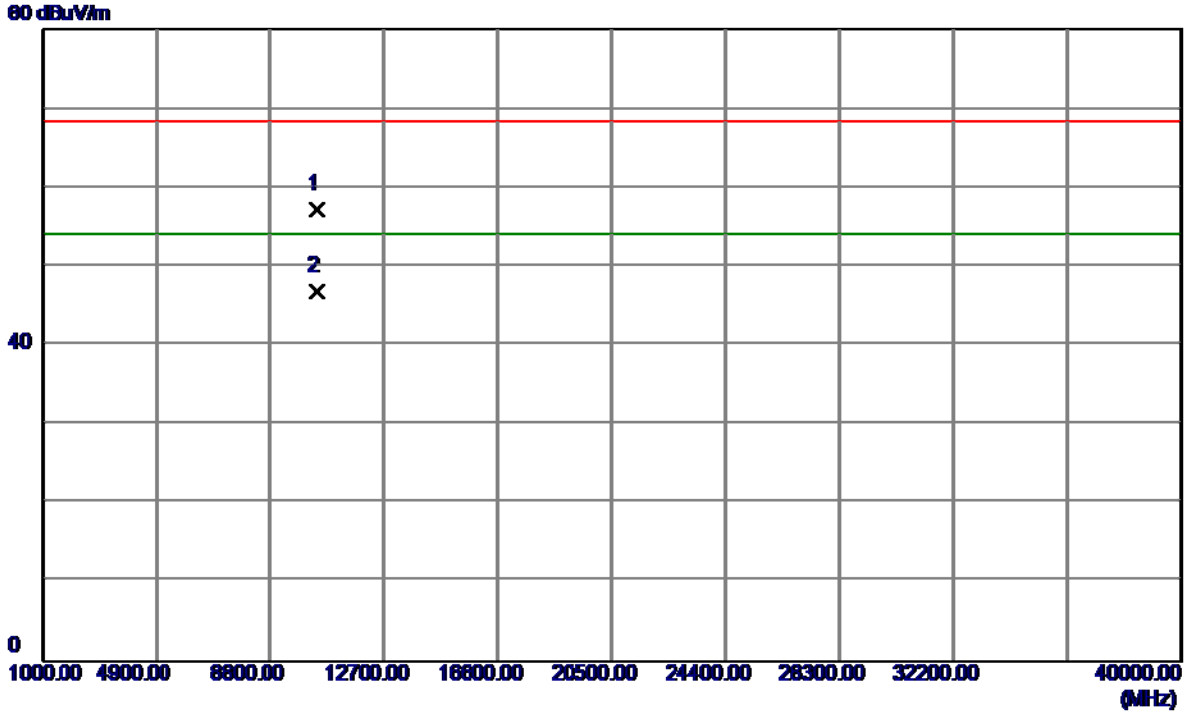
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.3000	55.17	40.77	95.94	54.00	41.94	AVG	NO LIMIT
2	5193.5000	63.34	40.77	104.11	68.30	35.81	Peak	NO LIMIT

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

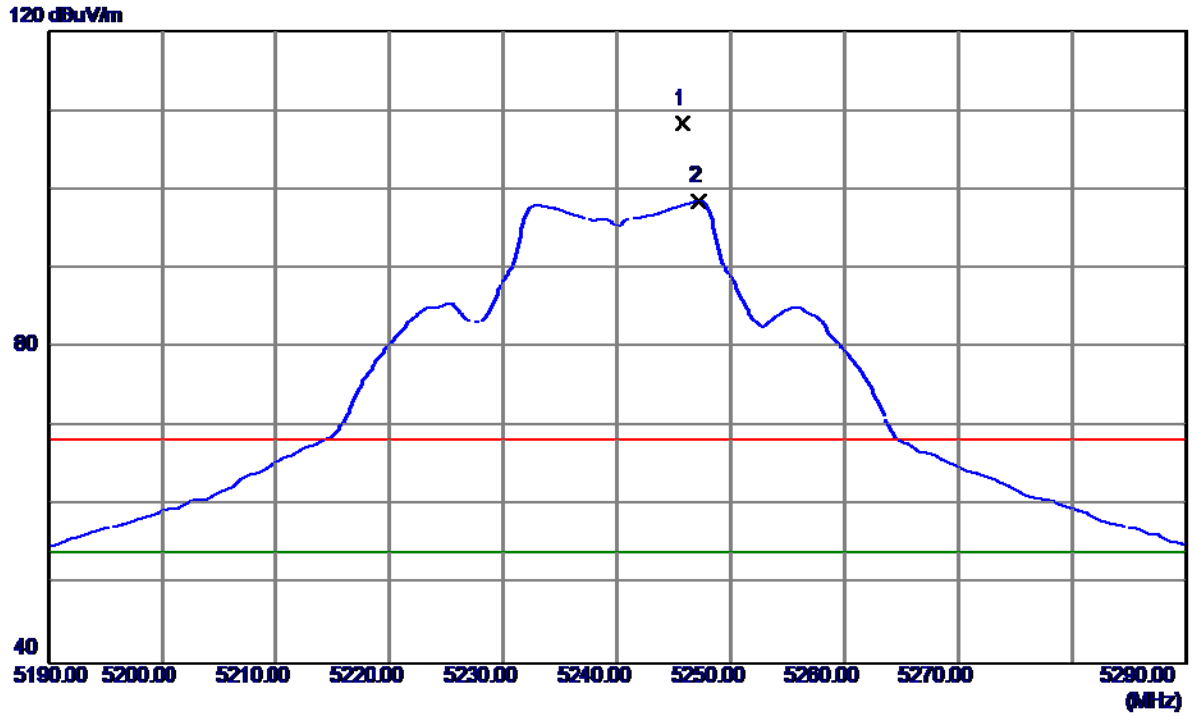
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.1600	42.29	15.06	57.35	68.30	-10.95	Peak	
2 *	10398.9200	31.88	15.05	46.93	54.00	-7.07	AVG	

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

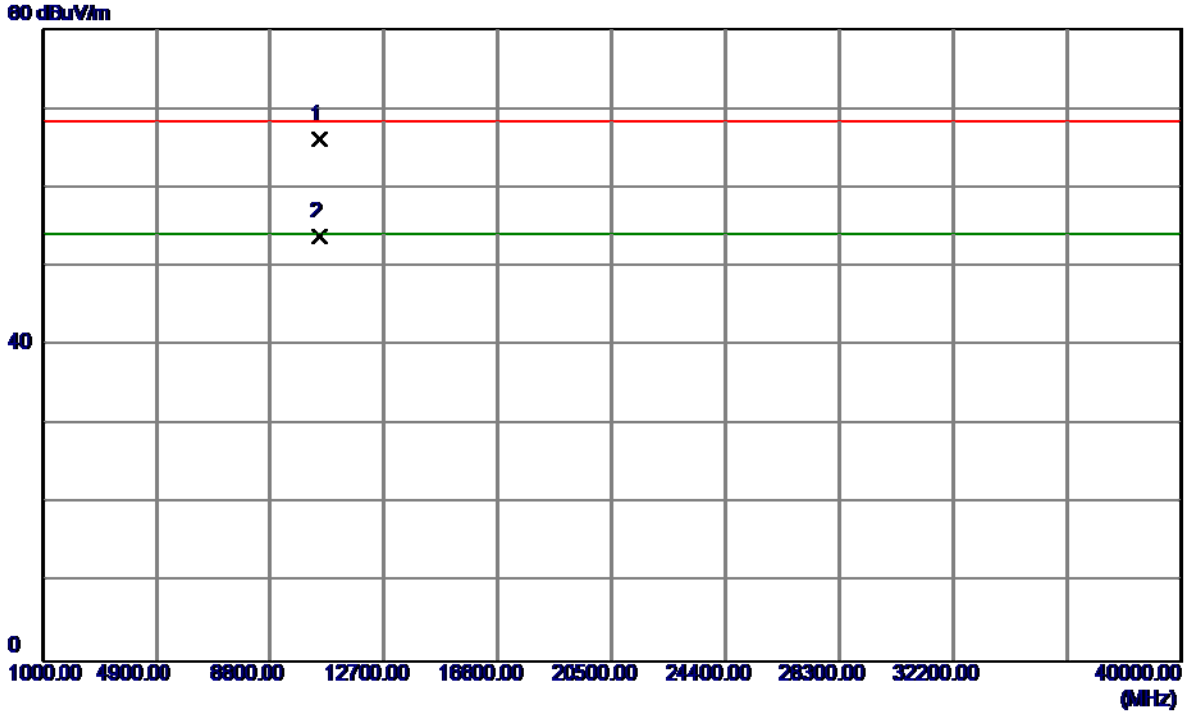
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5245.8000	67.43	40.94	108.37	68.30	40.07	Peak	NO LIMIT
2 *	5247.2000	57.59	40.95	98.54	54.00	44.54	AVG	NO LIMIT

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

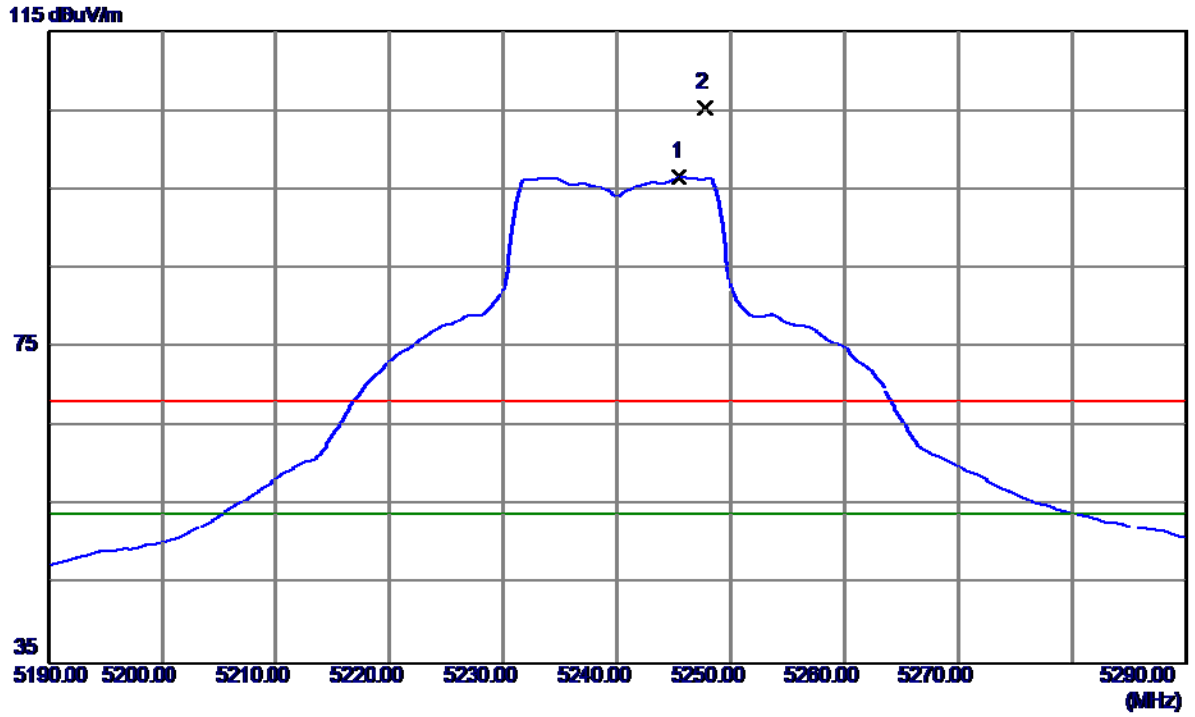
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.8200	50.82	15.24	66.06	68.30	-2.24	Peak	
2 *	10479.9400	38.45	15.24	53.69	54.00	-0.31	AVG	

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

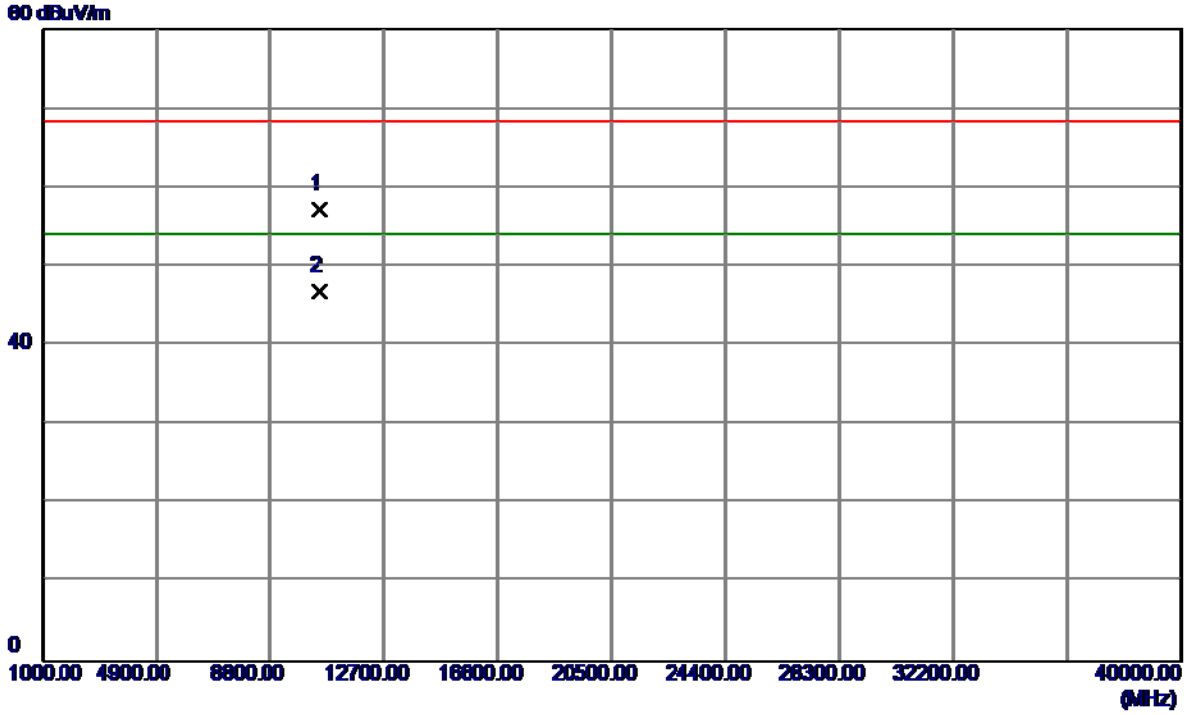
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5245.5000	55.66	40.94	96.60	68.30	28.30	Peak	NO LIMIT
2 *	5247.8000	64.50	40.95	105.45	68.30	37.15	Peak	NO LIMIT

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

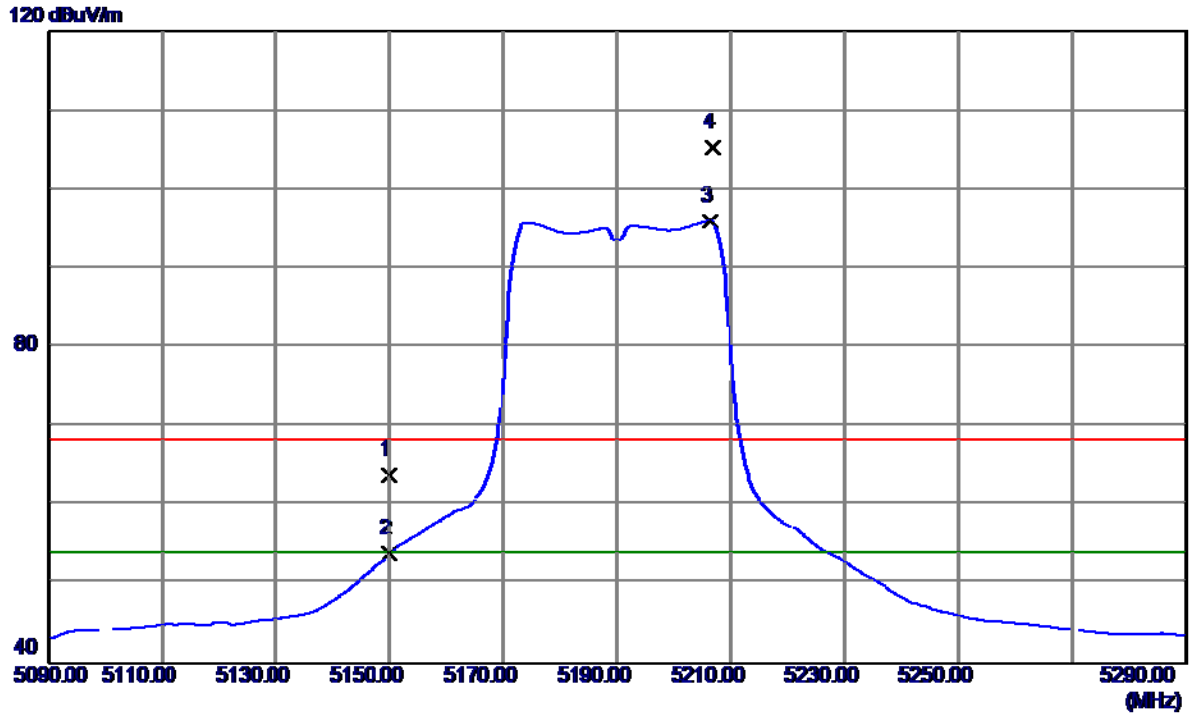
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.0700	42.11	15.24	57.35	68.30	-10.95	Peak	
2 *	10481.1500	31.68	15.25	46.93	54.00	-7.07	AVG	

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

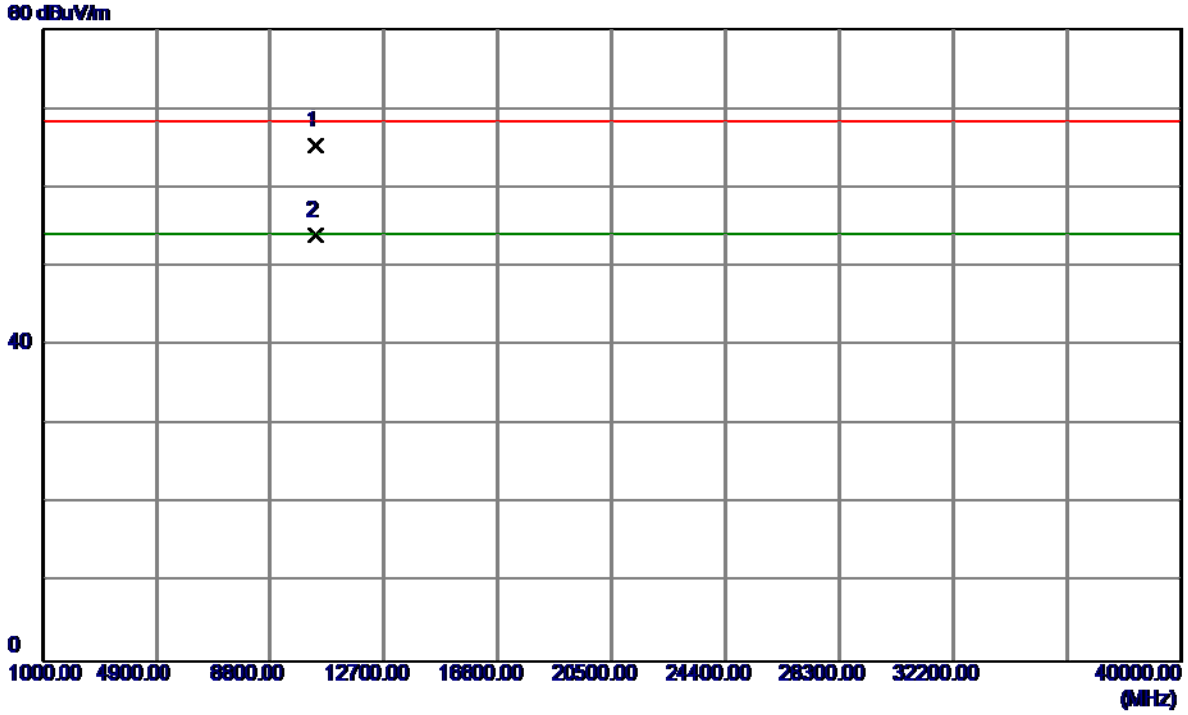
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.24	40.62	63.86	68.30	-4.44	Peak	
2	5150.0000	13.28	40.62	53.90	54.00	-0.10	AVG	
3 *	5206.4000	55.13	40.81	95.94	54.00	41.94	AVG	NO LIMIT
4	5206.8000	64.41	40.81	105.22	68.30	36.92	Peak	NO LIMIT

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

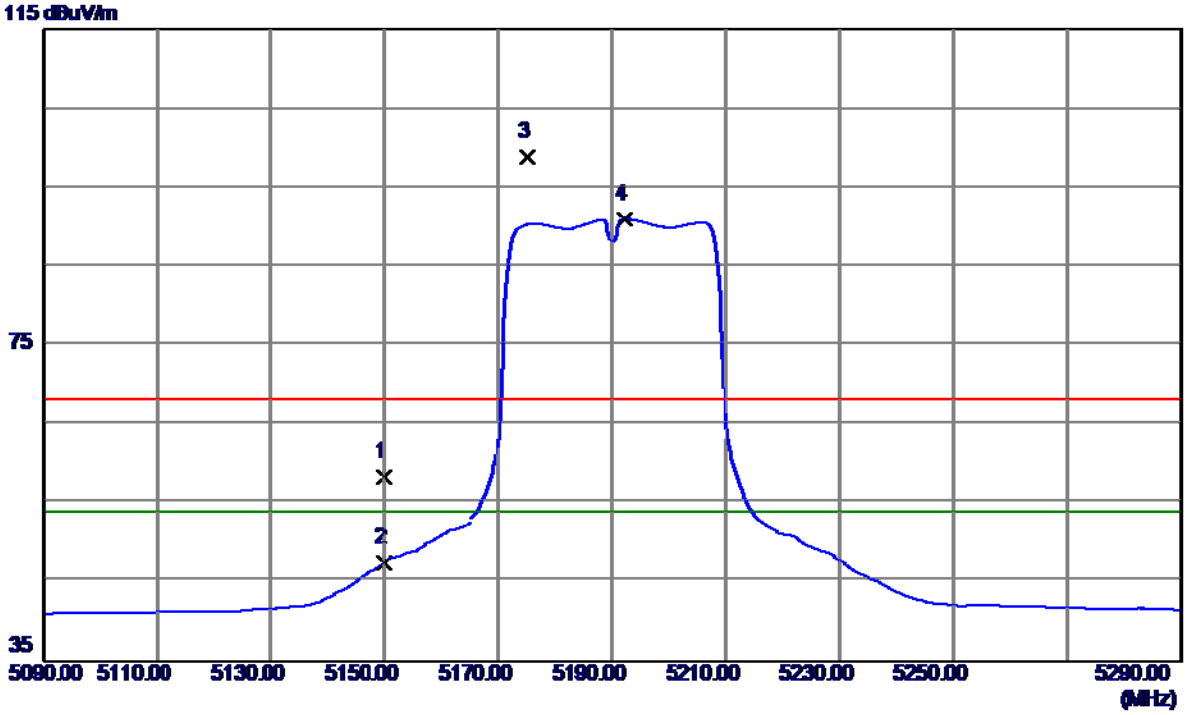
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.4700	50.33	15.01	65.34	68.30	-2.96	Peak	
2 *	10379.9700	38.93	15.01	53.94	54.00	-0.06	AVG	

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

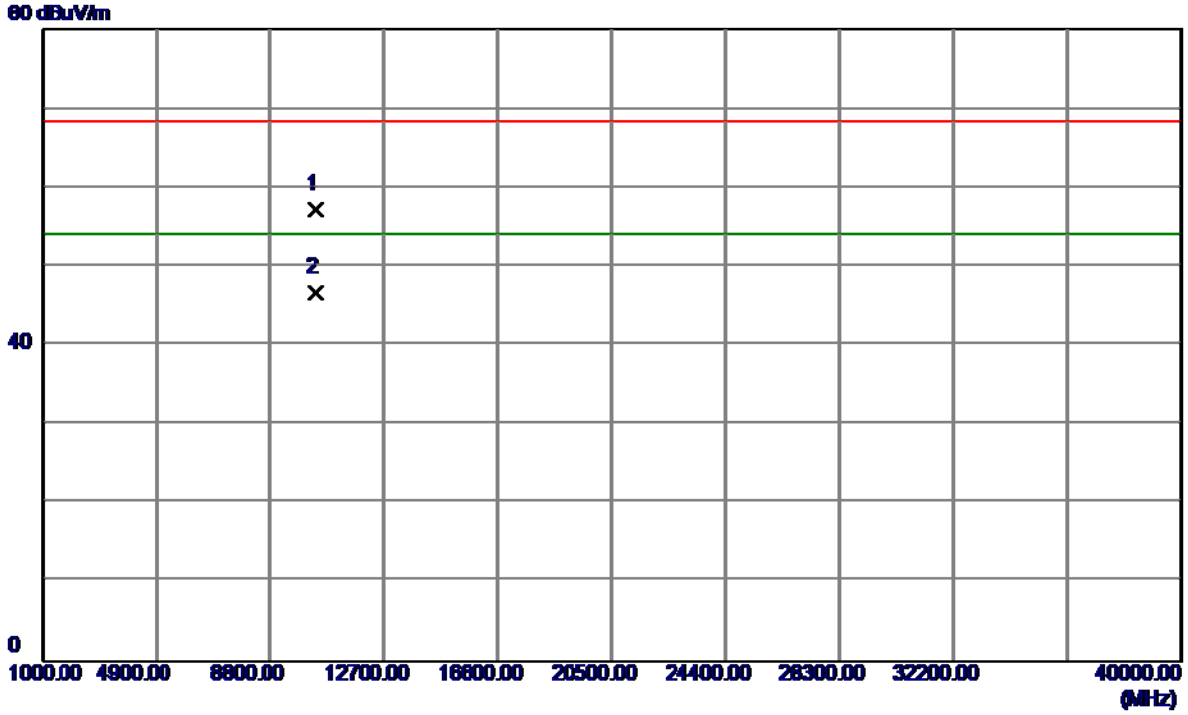
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.68	40.62	58.30	68.30	-10.00	Peak	
2	5150.0000	6.92	40.62	47.54	54.00	-6.46	AVG	
3	5175.2000	58.15	40.71	98.86	68.30	30.56	Peak	NO LIMIT
4 *	5192.2000	50.24	40.76	91.00	54.00	37.00	AVG	NO LIMIT

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

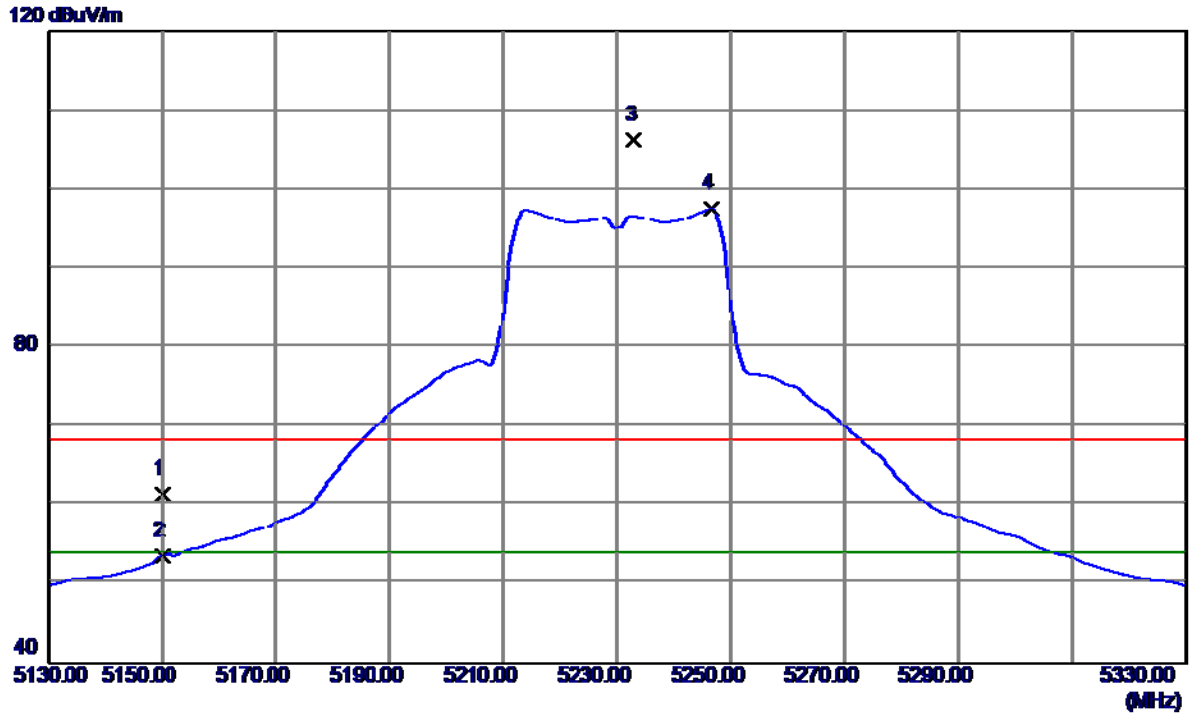
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.4000	42.24	15.01	57.25	68.30	-11.05	Peak	
2 *	10380.2000	31.71	15.01	46.72	54.00	-7.28	AVG	

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

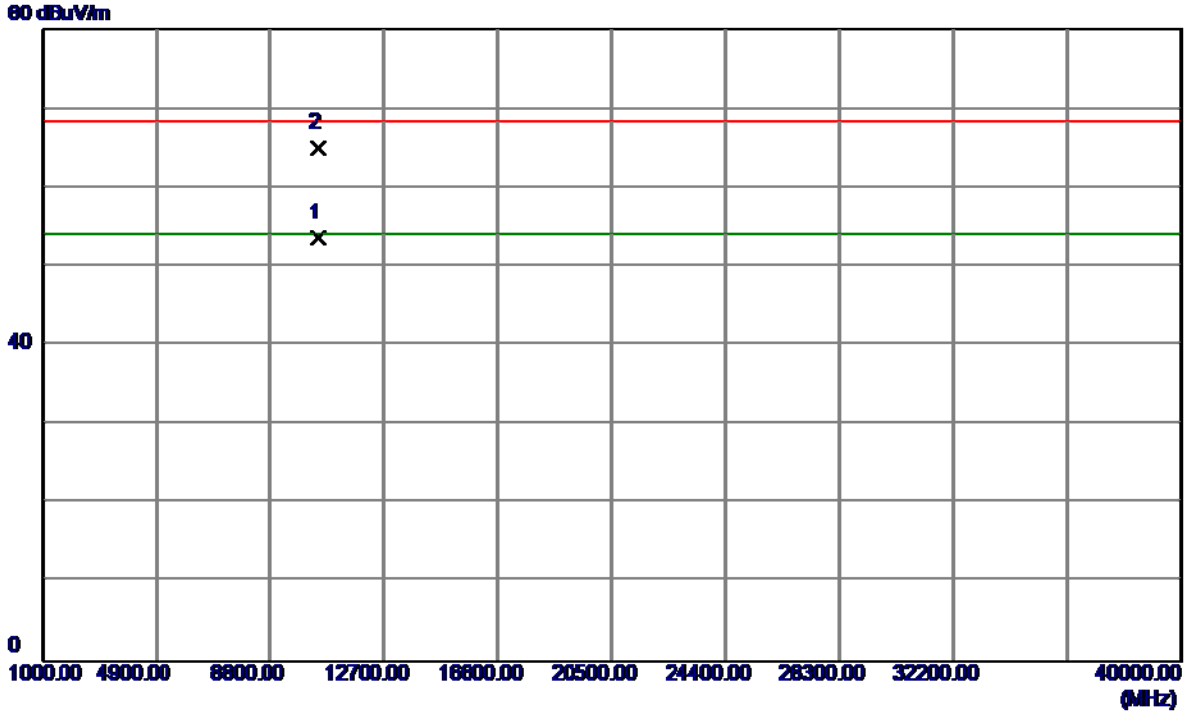
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.79	40.62	61.41	68.30	-6.89	Peak	
2	5150.0000	13.02	40.62	53.64	54.00	-0.36	AVG	
3	5233.0000	65.35	40.90	106.25	68.30	37.95	Peak	NO LIMIT
4 *	5246.6000	56.65	40.94	97.59	54.00	43.59	AVG	NO LIMIT

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

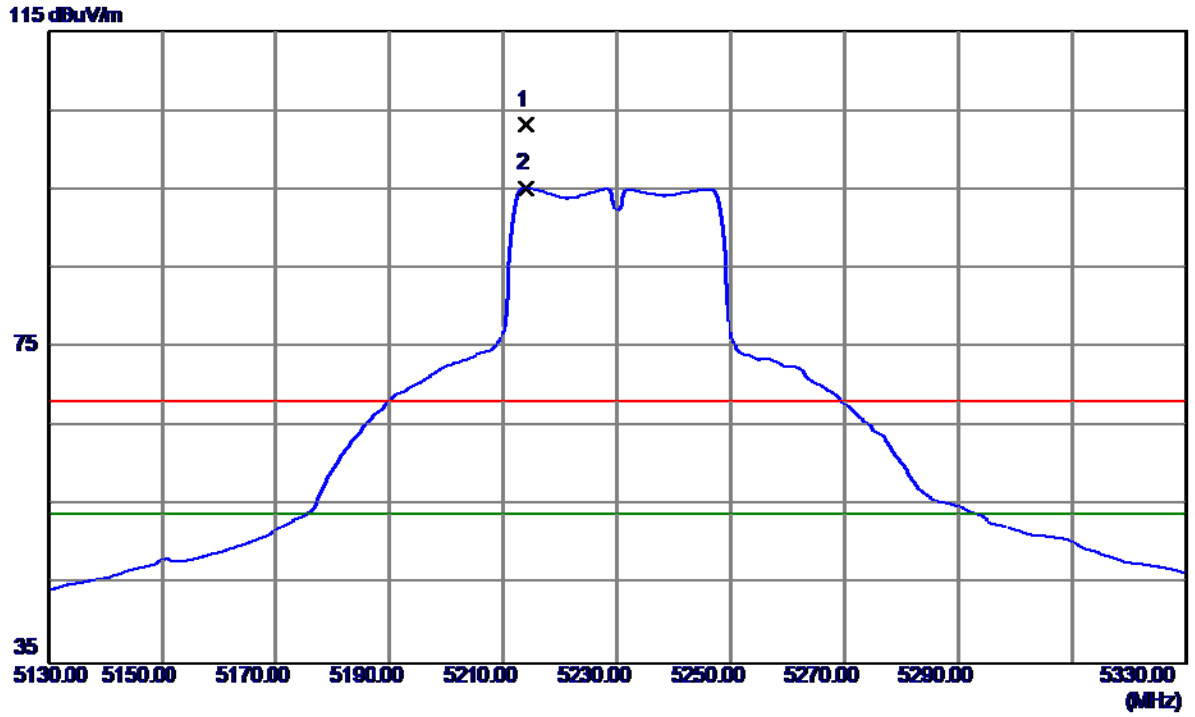
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10459.9800	38.37	15.20	53.57	54.00	-0.43	AVG	
2	10460.2300	49.70	15.20	64.90	68.30	-3.40	Peak	

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

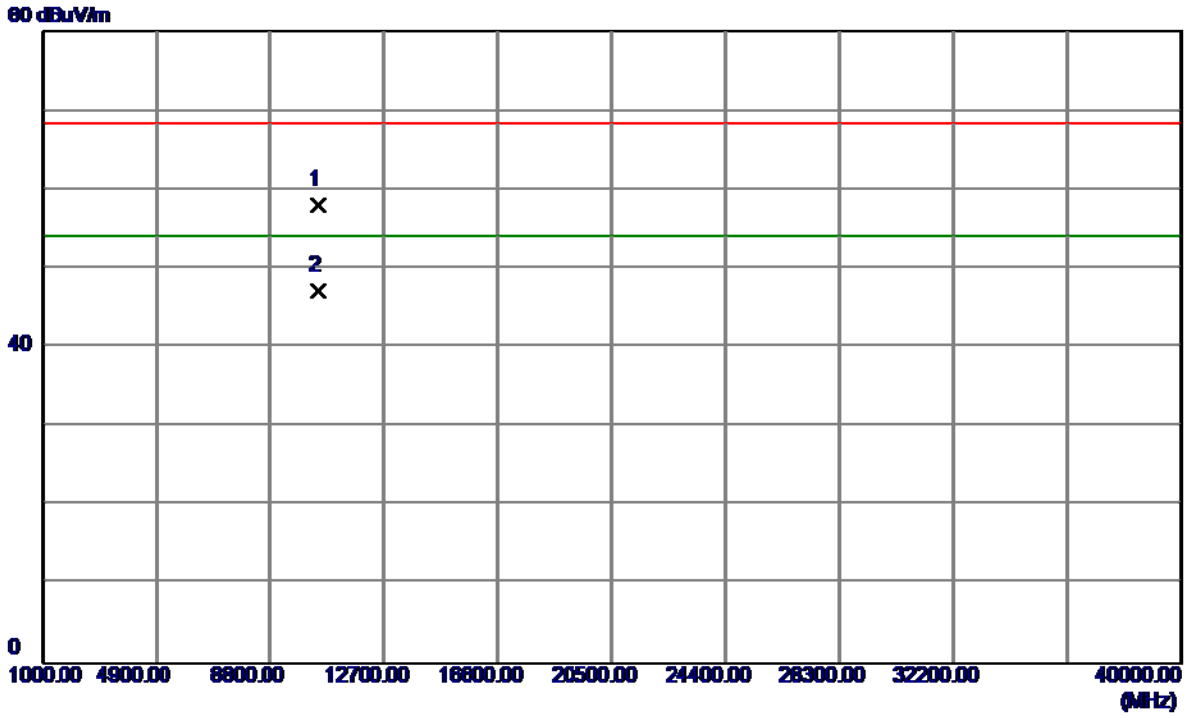
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5214.0000	62.39	40.84	103.23	68.30	34.93	Peak	NO LIMIT
2 *	5214.0000	54.38	40.84	95.22	54.00	41.22	AVG	NO LIMIT

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

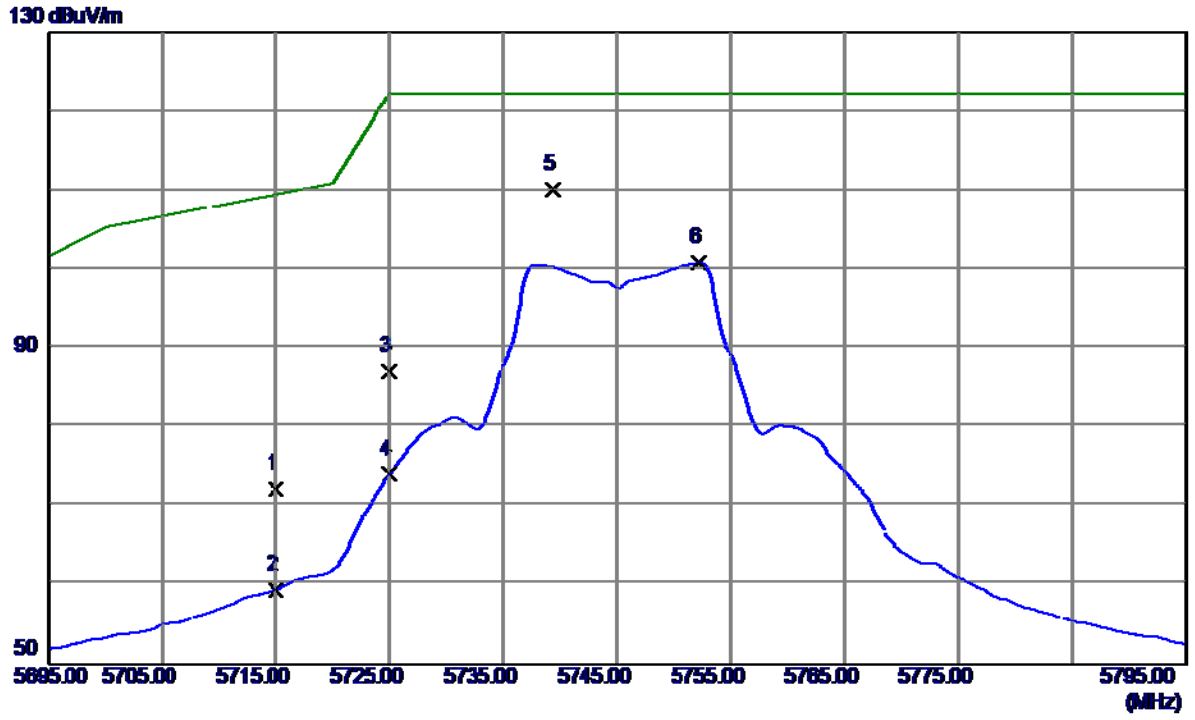
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10461.1800	42.86	15.20	58.06	68.30	-10.24	Peak	
2 *	10459.9100	31.94	15.20	47.14	54.00	-6.86	AVG	

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

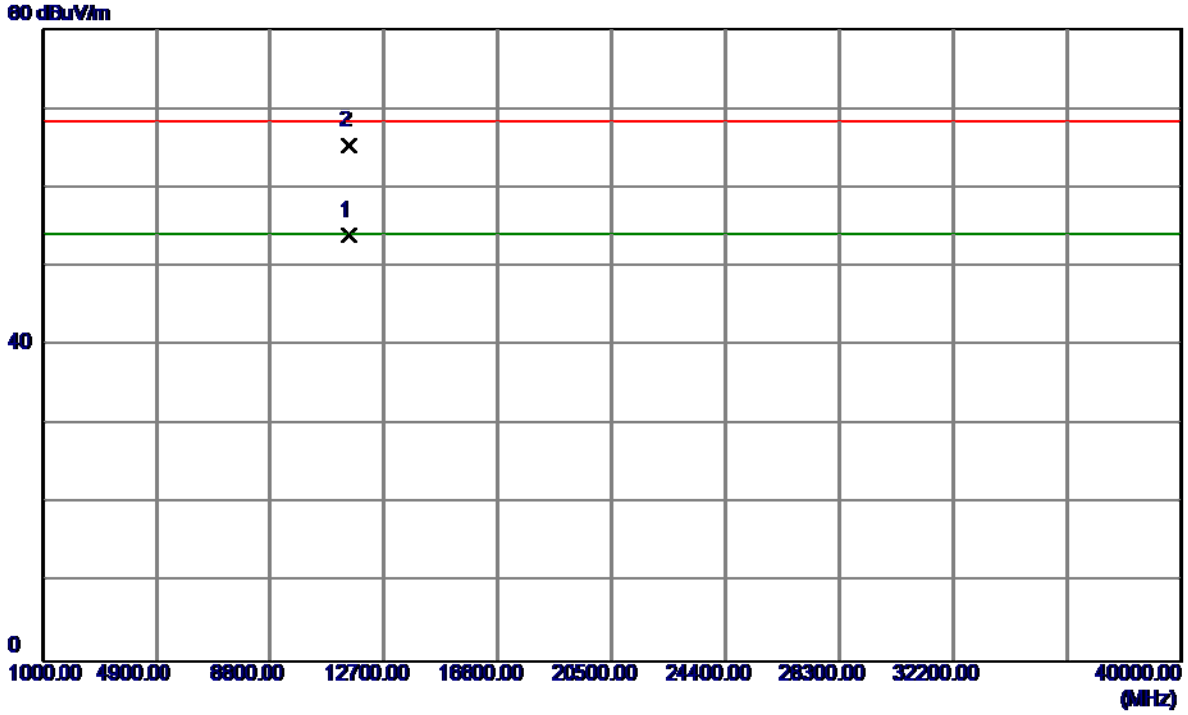
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	29.66	42.55	72.21	109.50	-37.29	Peak	
2	5715.0000	16.93	42.55	59.48	109.50	-50.02	AVG	
3	5725.0000	44.47	42.58	87.05	122.30	-35.25	Peak	
4	5725.0000	31.50	42.58	74.08	122.30	-48.22	AVG	
5 *	5739.3000	67.47	42.63	110.10	122.30	-12.20	Peak	
6	5752.2000	58.15	42.68	100.83	122.30	-21.47	AVG	

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

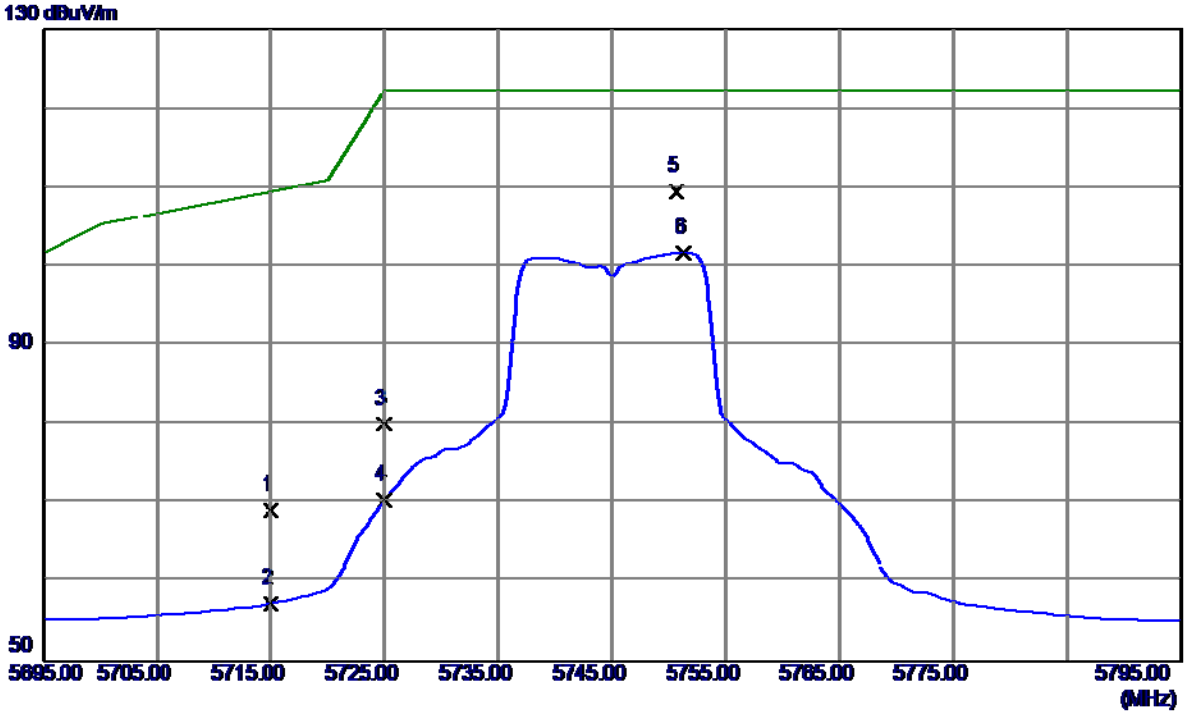
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11489.9200	38.35	15.49	53.84	54.00	-0.16	AVG	
2	11492.5000	49.83	15.49	65.32	68.30	-2.98	Peak	

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

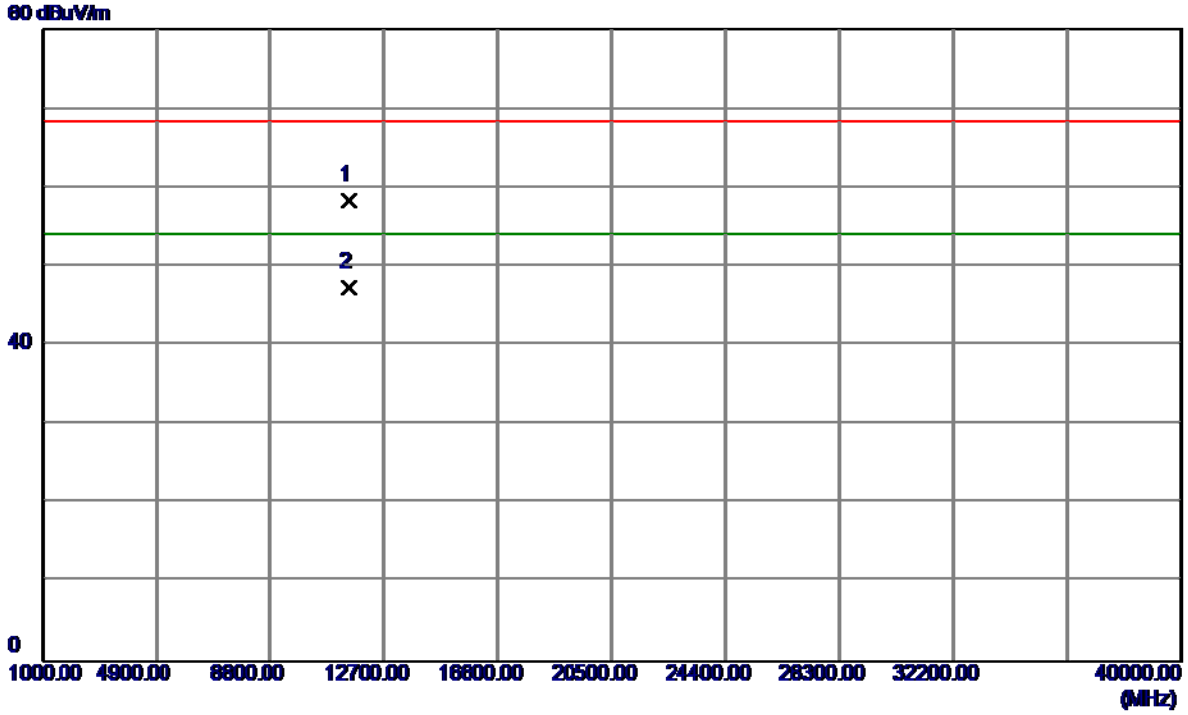
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.69	42.55	69.24	109.50	-40.26	Peak	
2	5715.0000	14.88	42.55	57.43	109.50	-52.07	AVG	
3	5725.0000	37.54	42.58	80.12	122.30	-42.18	Peak	
4	5725.0000	27.88	42.58	70.46	122.30	-51.84	AVG	
5 *	5750.7000	66.91	42.67	109.58	122.30	-12.72	Peak	
6	5751.3000	59.05	42.67	101.72	122.30	-20.58	AVG	

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

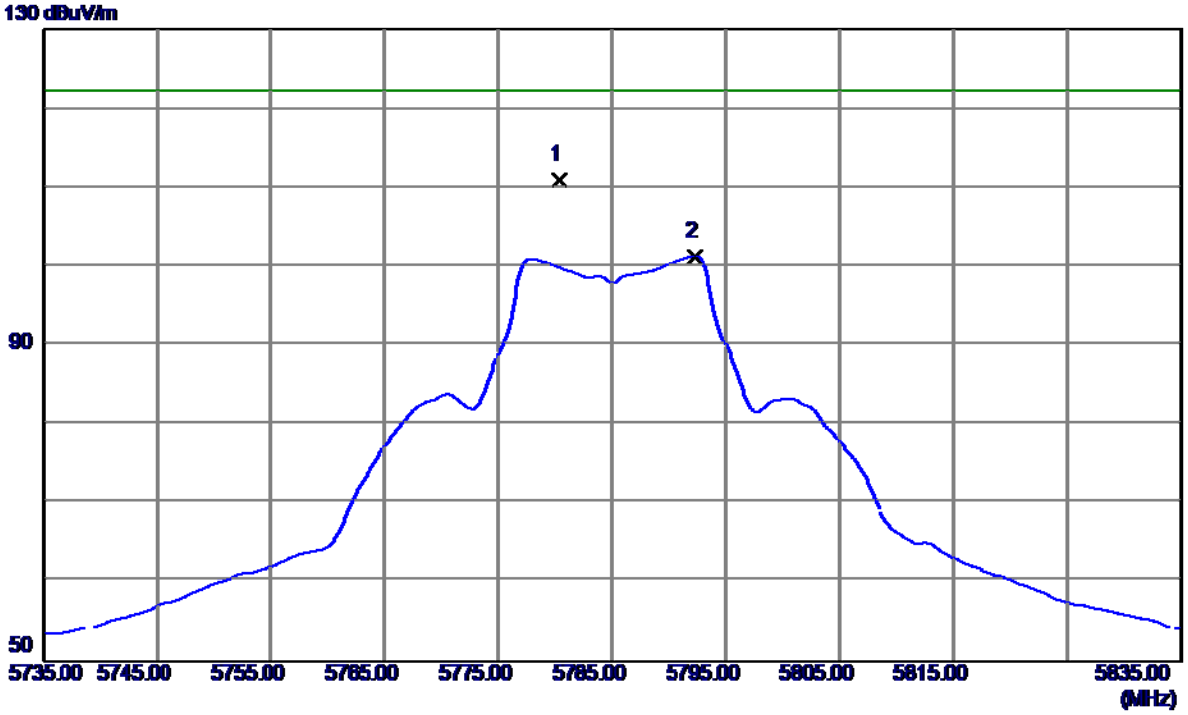
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.7500	42.93	15.49	58.42	68.30	-9.88	Peak	
2 *	11490.3000	31.91	15.49	47.40	54.00	-6.60	AVG	

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

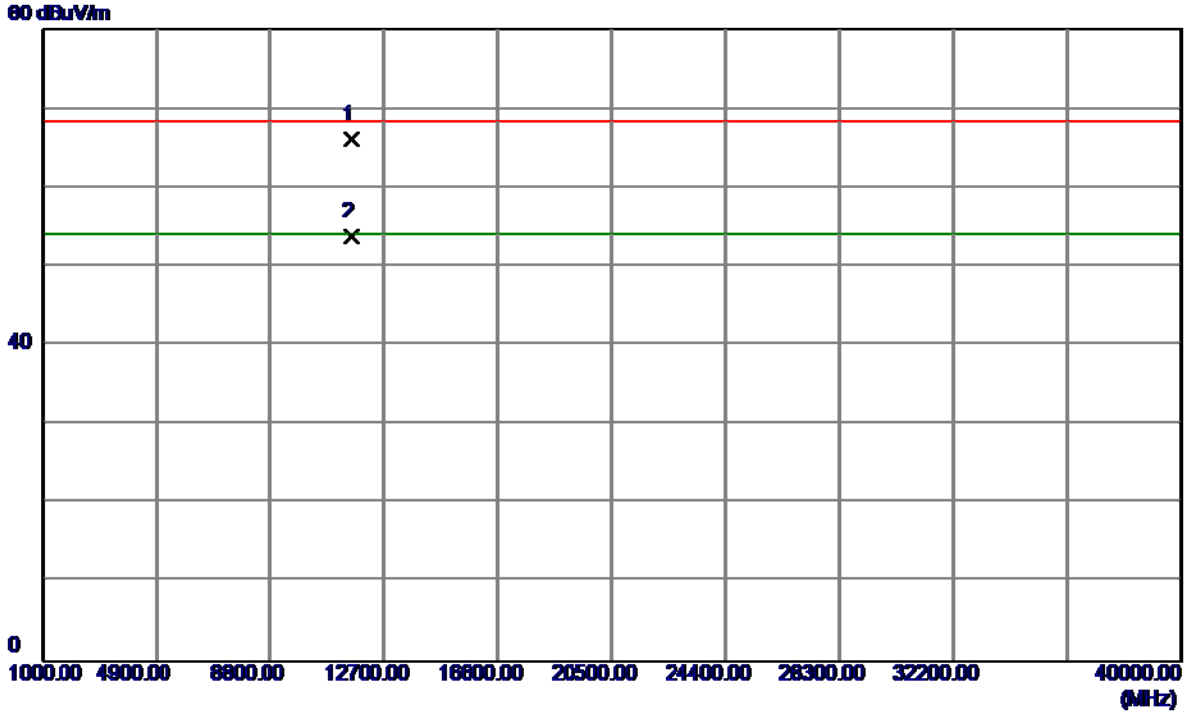
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780.3000	68.16	42.78	110.94	122.30	-11.36	Peak	
2	5792.3000	58.45	42.82	101.27	122.30	-21.03	AVG	

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

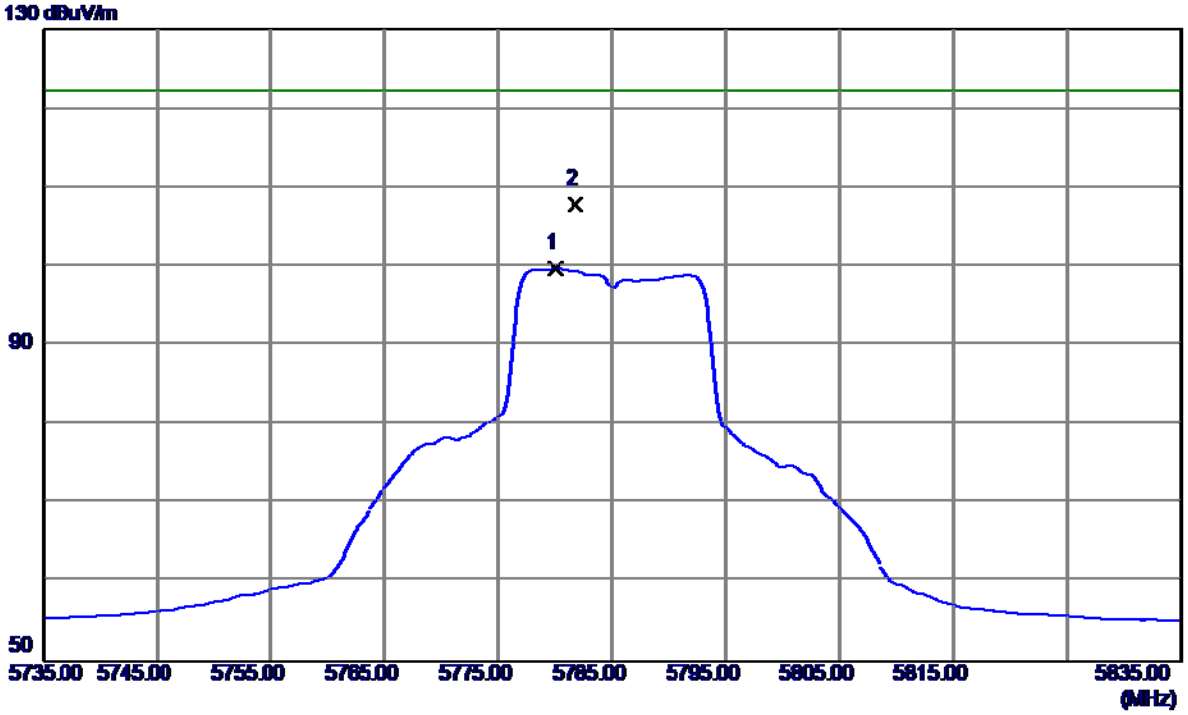
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11566.3900	50.58	15.48	66.06	68.30	-2.24	Peak	
2 *	11570.0300	38.24	15.48	53.72	54.00	-0.28	AVG	

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

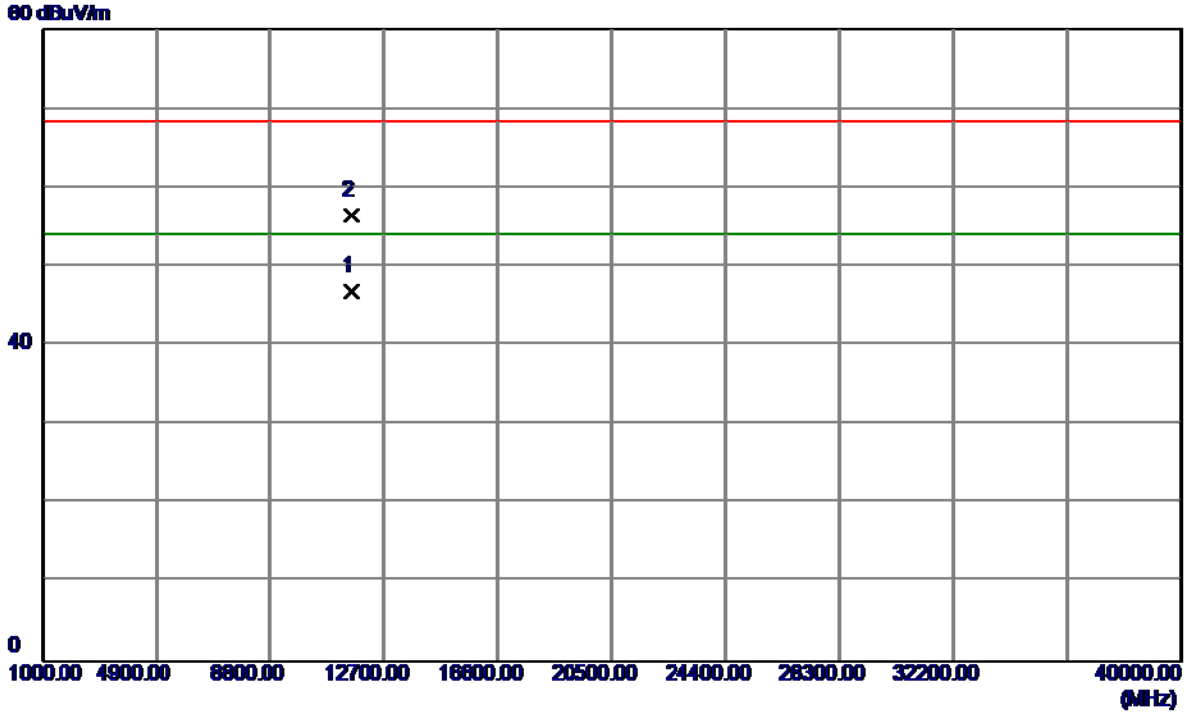
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5780.0000	56.95	42.78	99.73	122.30	-22.57	AVG	
2 *	5781.8000	65.12	42.78	107.90	122.30	-14.40	Peak	

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

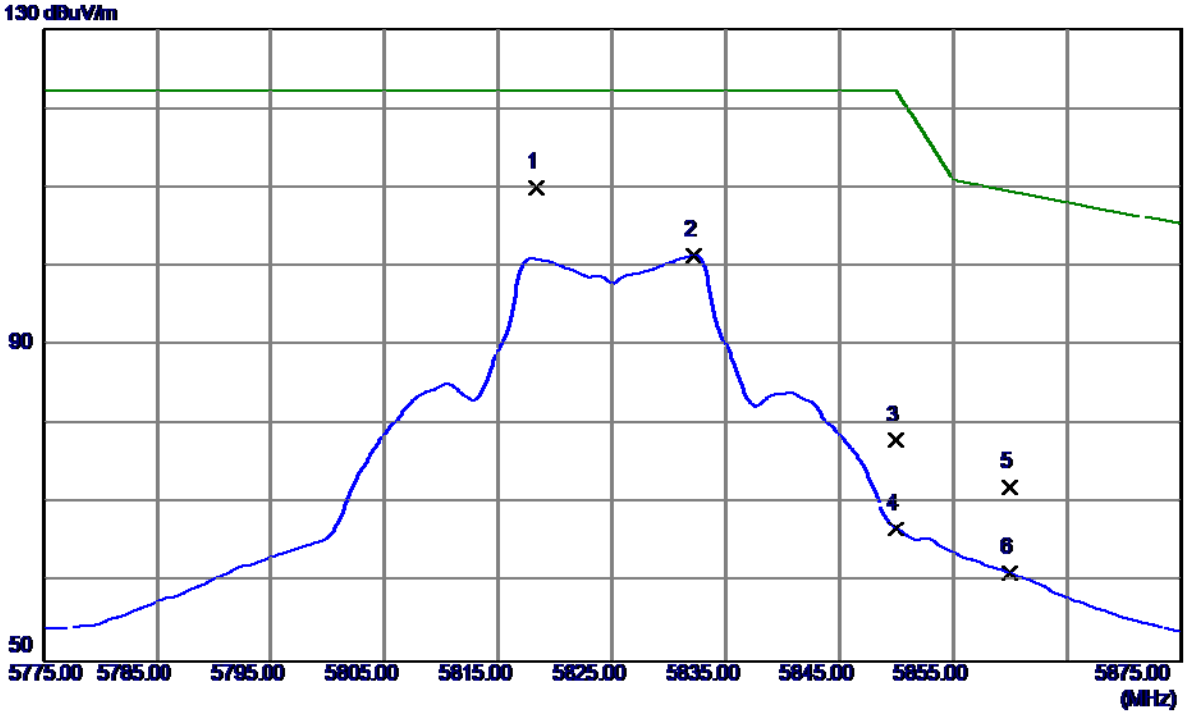
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.9000	31.44	15.48	46.92	54.00	-7.08	AVG	
2	11570.2500	41.03	15.48	56.51	68.30	-11.79	Peak	

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

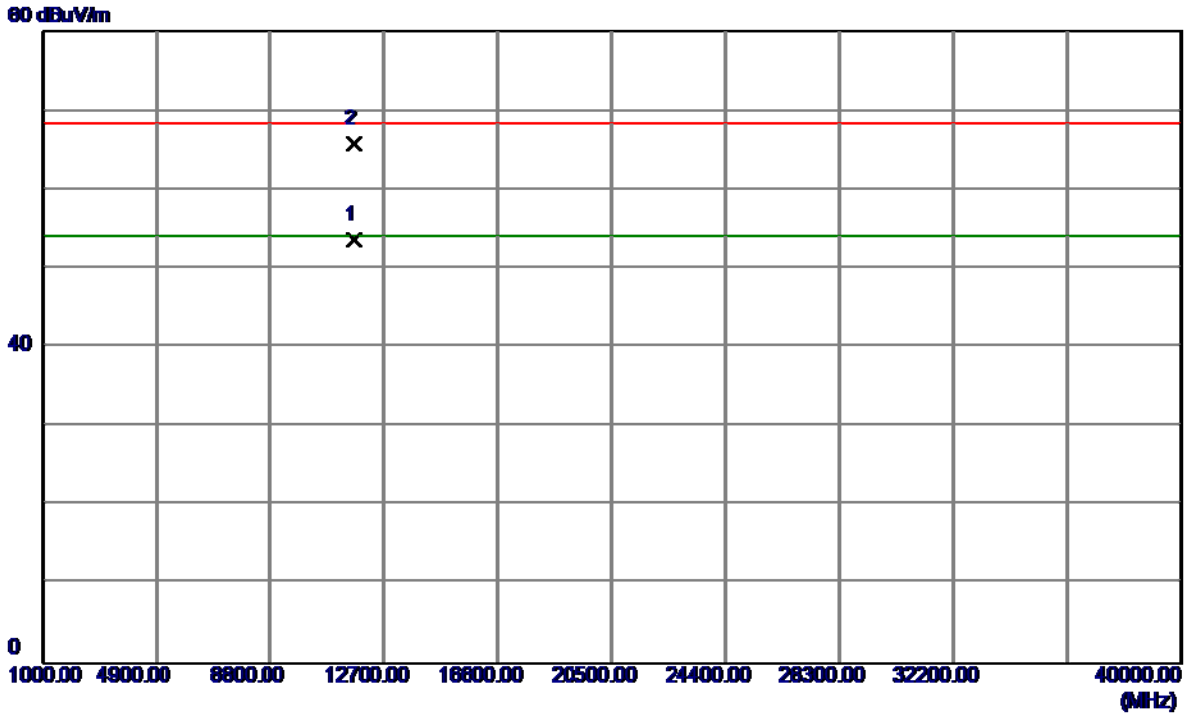
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.3000	67.13	42.91	110.04	122.30	-12.26	Peak	
2	5832.2000	58.36	42.96	101.32	122.30	-20.98	AVG	
3	5850.0000	34.92	43.03	77.95	122.30	-44.35	Peak	
4	5850.0000	23.72	43.03	66.75	122.30	-55.55	AVG	
5	5860.0000	28.98	43.06	72.04	109.50	-37.46	Peak	
6	5860.0000	18.14	43.06	61.20	109.50	-48.30	AVG	

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

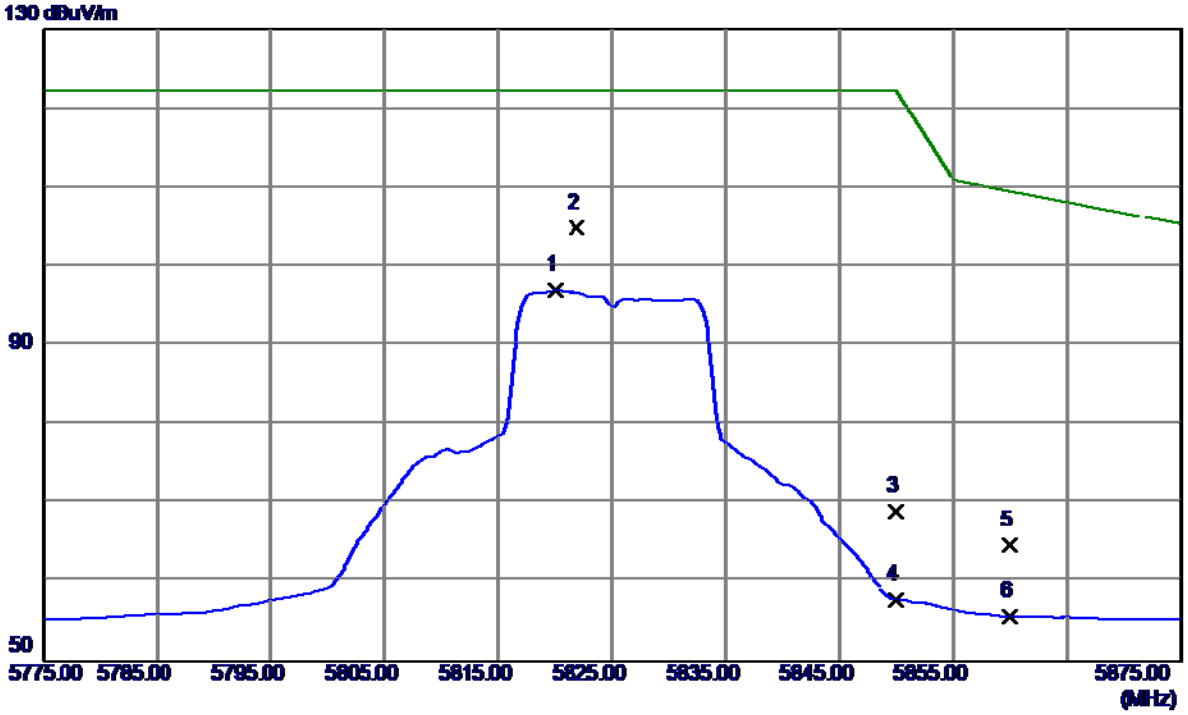
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.0300	38.08	15.48	53.56	54.00	-0.44	AVG	
2	11652.1200	50.21	15.48	65.69	68.30	-2.61	Peak	

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

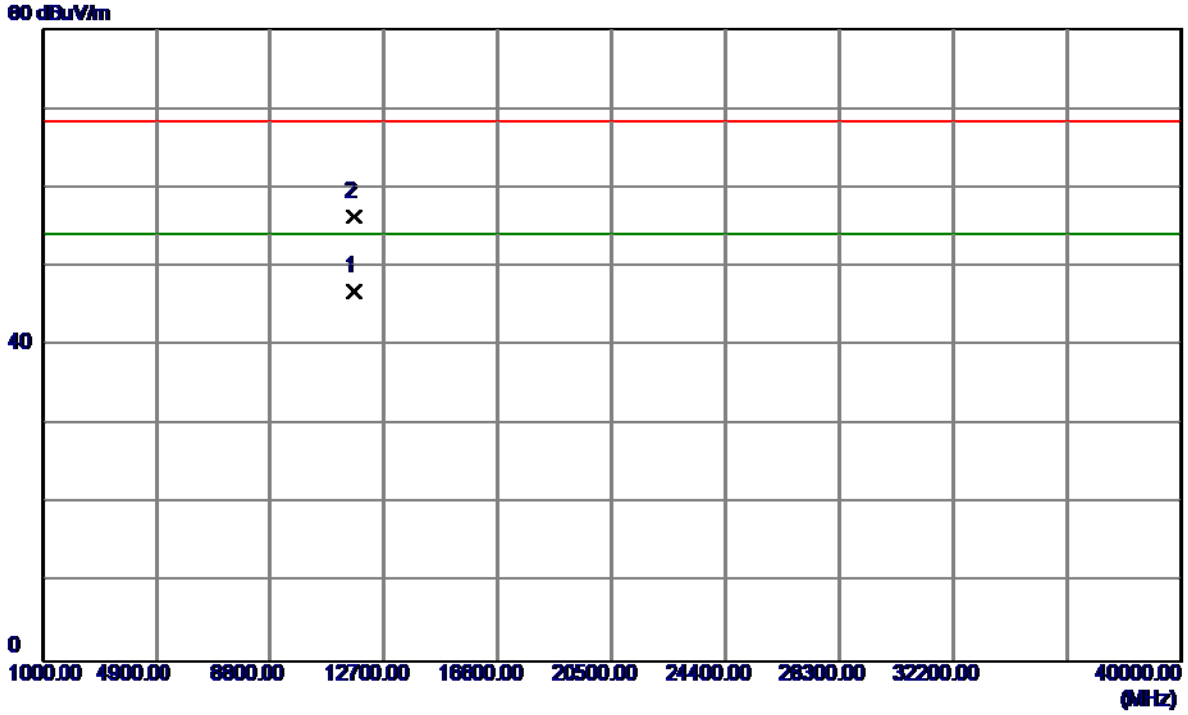
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5820.0000	54.09	42.92	97.01	122.30	-25.29	AVG	
2 *	5821.9000	62.01	42.93	104.94	122.30	-17.36	Peak	
3	5850.0000	26.04	43.03	69.07	122.30	-53.23	Peak	
4	5850.0000	14.86	43.03	57.89	122.30	-64.41	AVG	
5	5860.0000	21.59	43.06	64.65	109.50	-44.85	Peak	
6	5860.0000	12.72	43.06	55.78	109.50	-53.72	AVG	

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

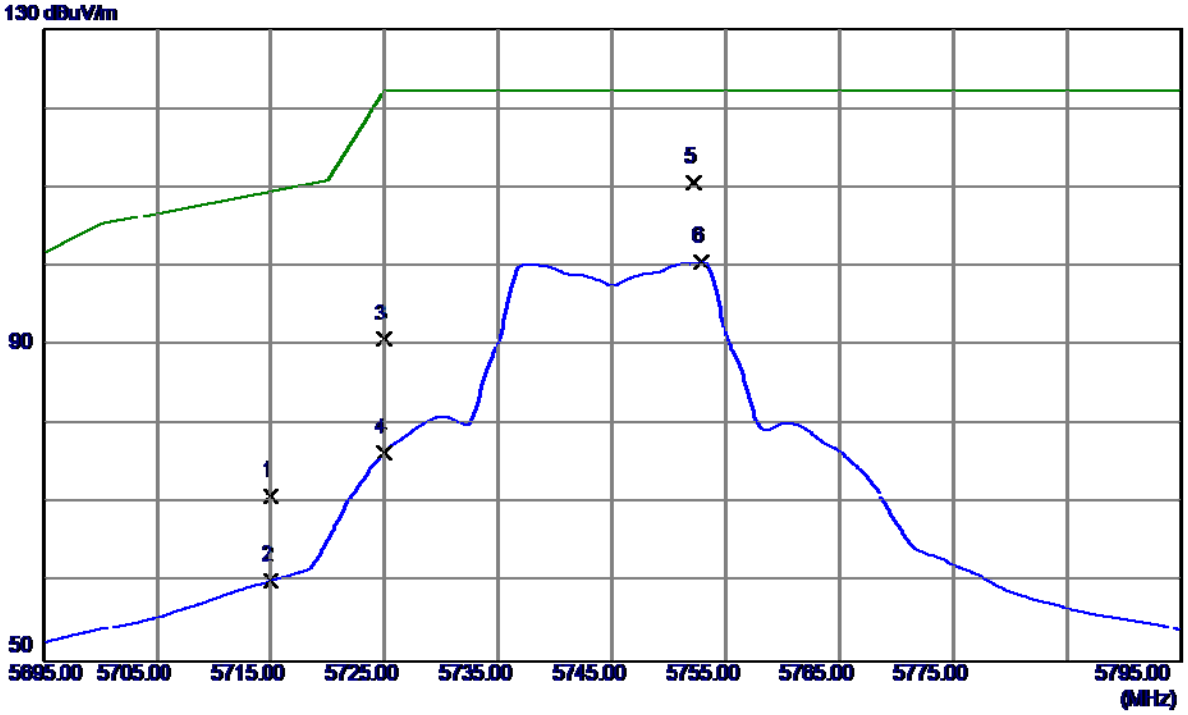
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.0000	31.35	15.48	46.83	54.00	-7.17	AVG	
2	11655.4000	40.88	15.48	56.36	68.30	-11.94	Peak	

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

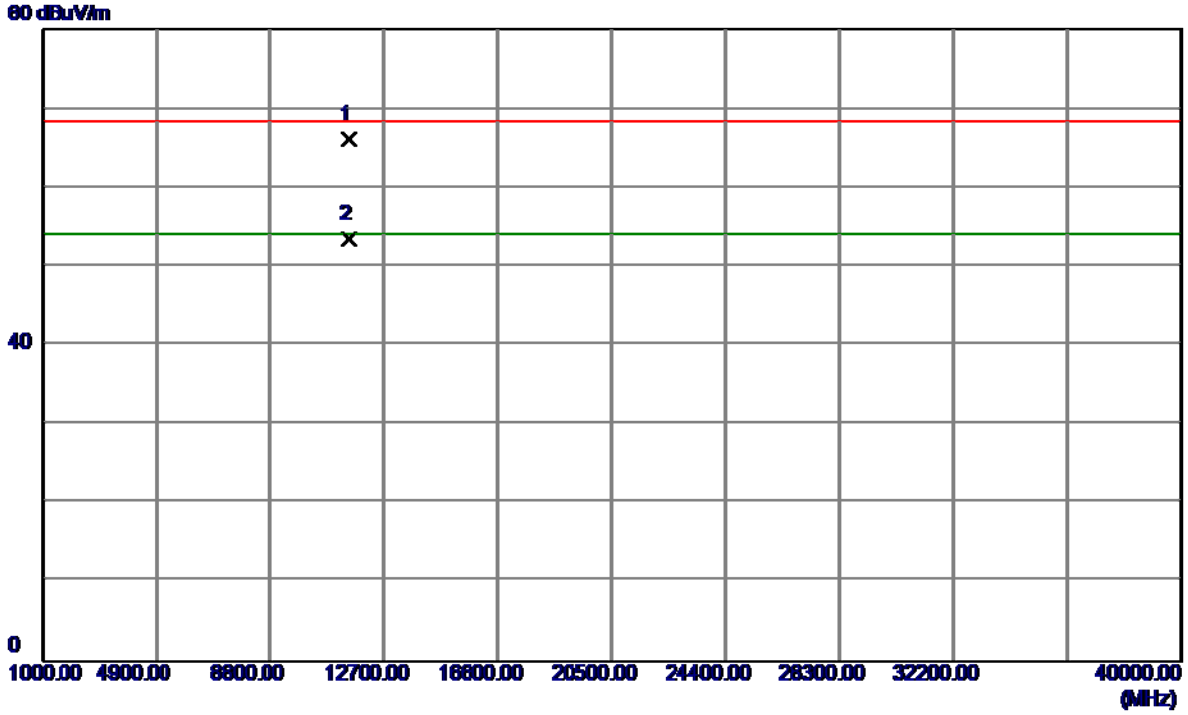
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	28.38	42.55	70.93	109.50	-38.57	Peak	
2	5715.0000	17.70	42.55	60.25	109.50	-49.25	AVG	
3	5725.0000	48.26	42.58	90.84	122.30	-31.46	Peak	
4	5725.0000	33.84	42.58	76.42	122.30	-45.88	AVG	
5 *	5752.2000	67.92	42.68	110.60	122.30	-11.70	Peak	
6	5752.9000	57.82	42.68	100.50	122.30	-21.80	AVG	

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

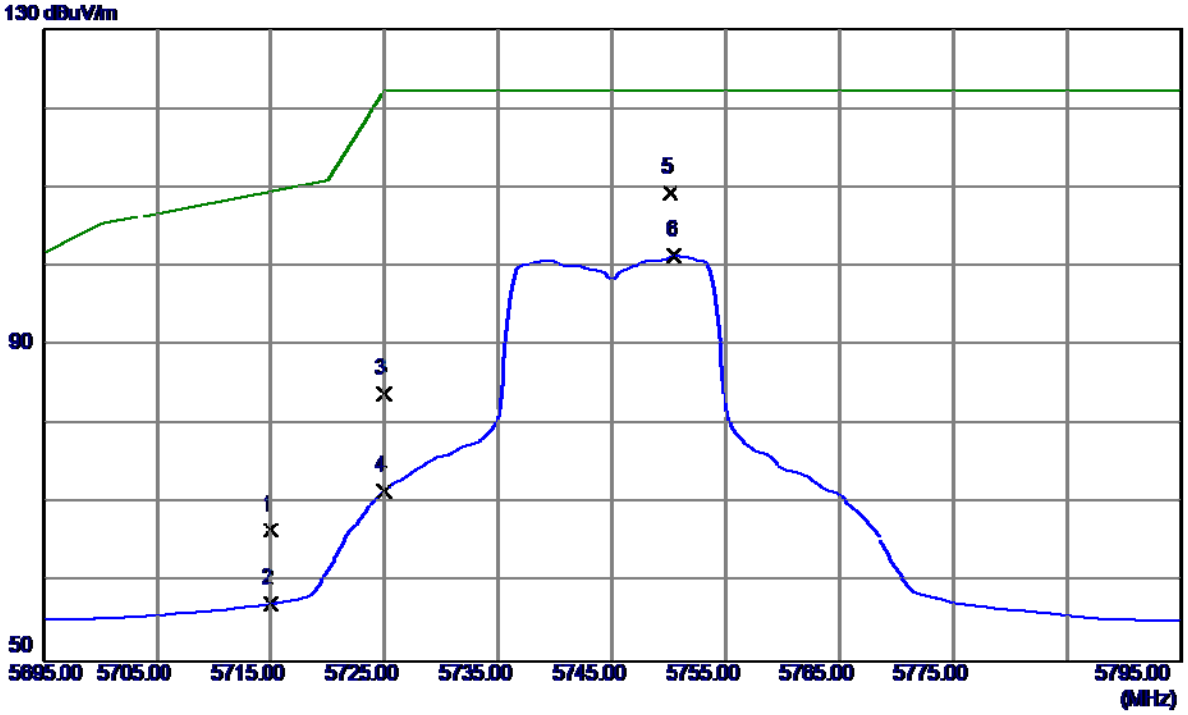
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.9000	50.55	15.49	66.04	68.30	-2.26	Peak	
2 *	11489.9700	37.94	15.49	53.43	54.00	-0.57	AVG	

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

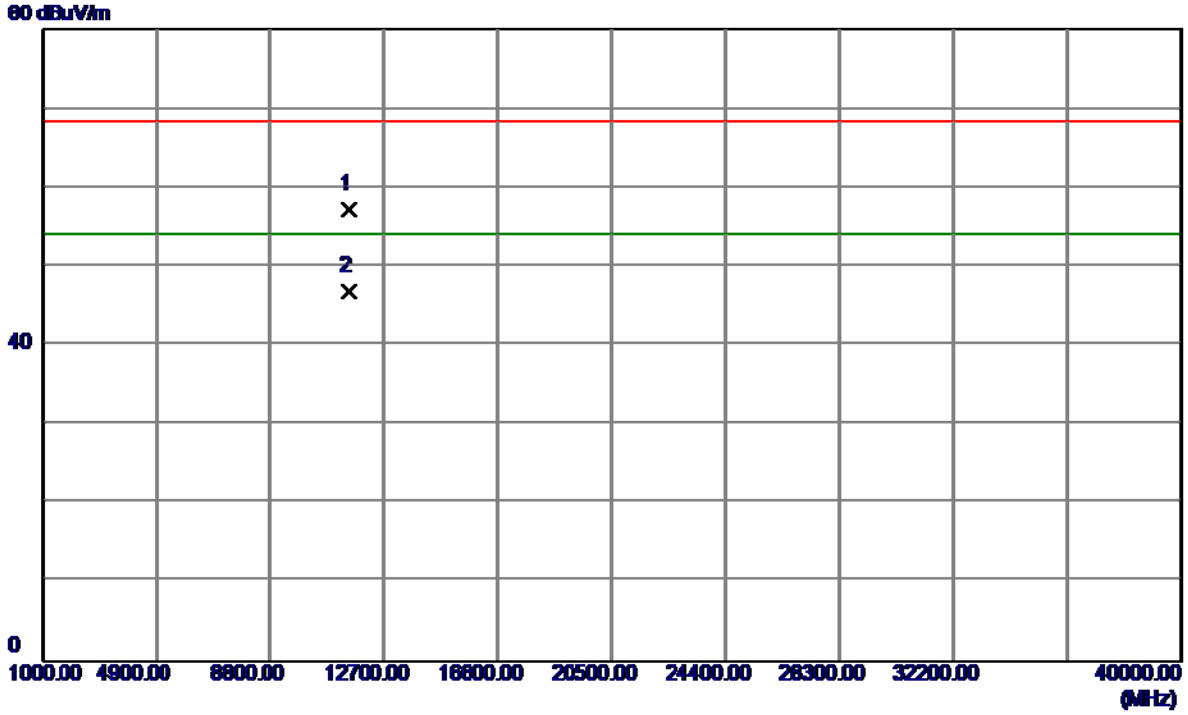
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.10	42.55	66.65	109.50	-42.85	Peak	
2	5715.0000	14.76	42.55	57.31	109.50	-52.19	AVG	
3	5725.0000	41.36	42.58	83.94	122.30	-38.36	Peak	
4	5725.0000	29.08	42.58	71.66	122.30	-50.64	AVG	
5 *	5750.1000	66.69	42.67	109.36	122.30	-12.94	Peak	
6	5750.5000	58.71	42.67	101.38	122.30	-20.92	AVG	

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

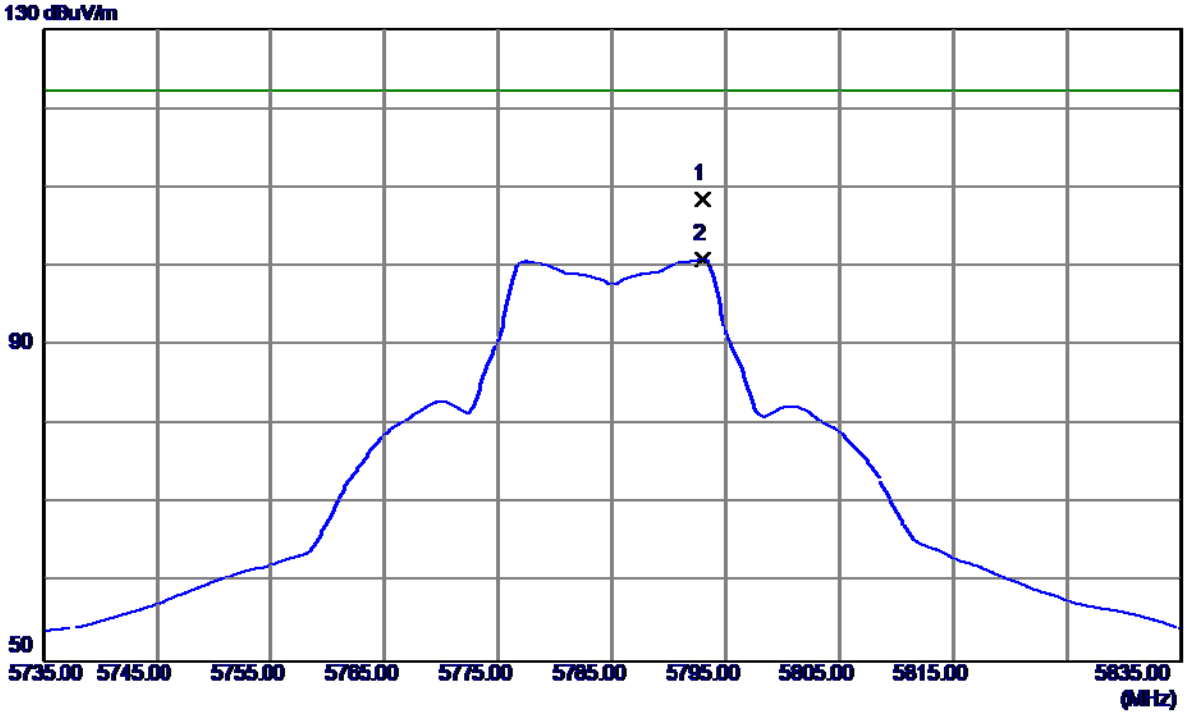
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.4000	41.86	15.49	57.35	68.30	-10.95	Peak	
2 *	11490.0000	31.44	15.49	46.93	54.00	-7.07	AVG	

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

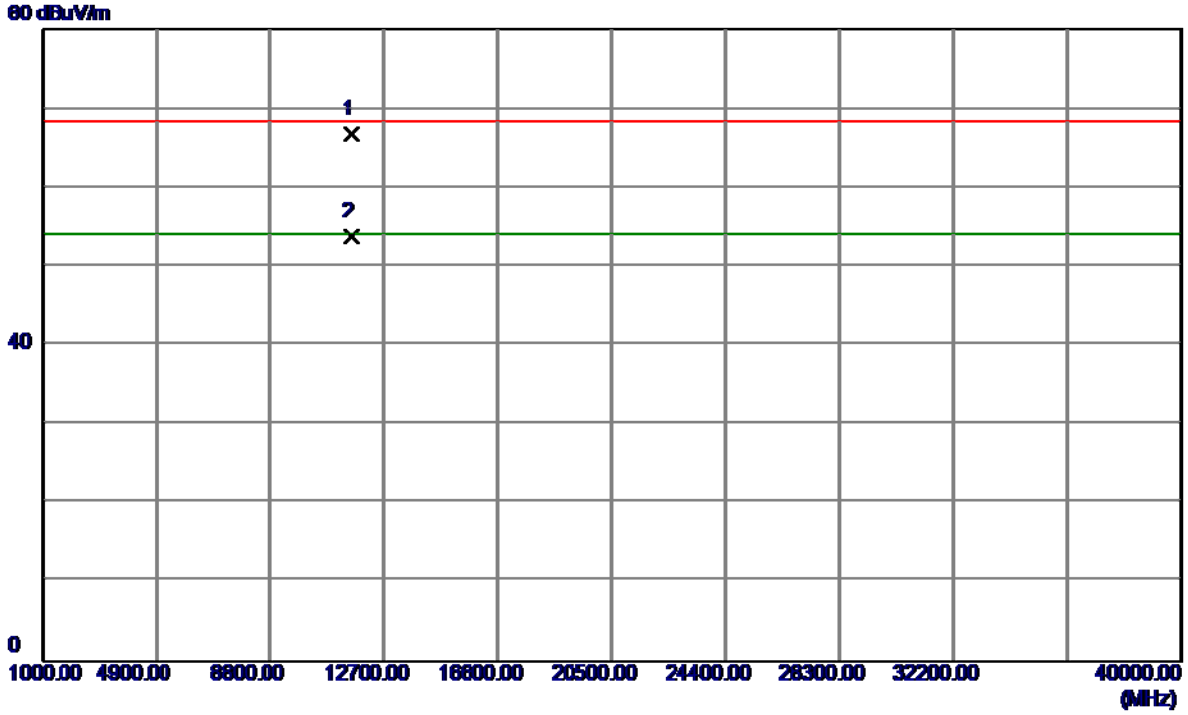
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5793.0000	65.74	42.82	108.56	122.30	-13.74	Peak	
2	5793.0000	58.12	42.82	100.94	122.30	-21.36	AVG	

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

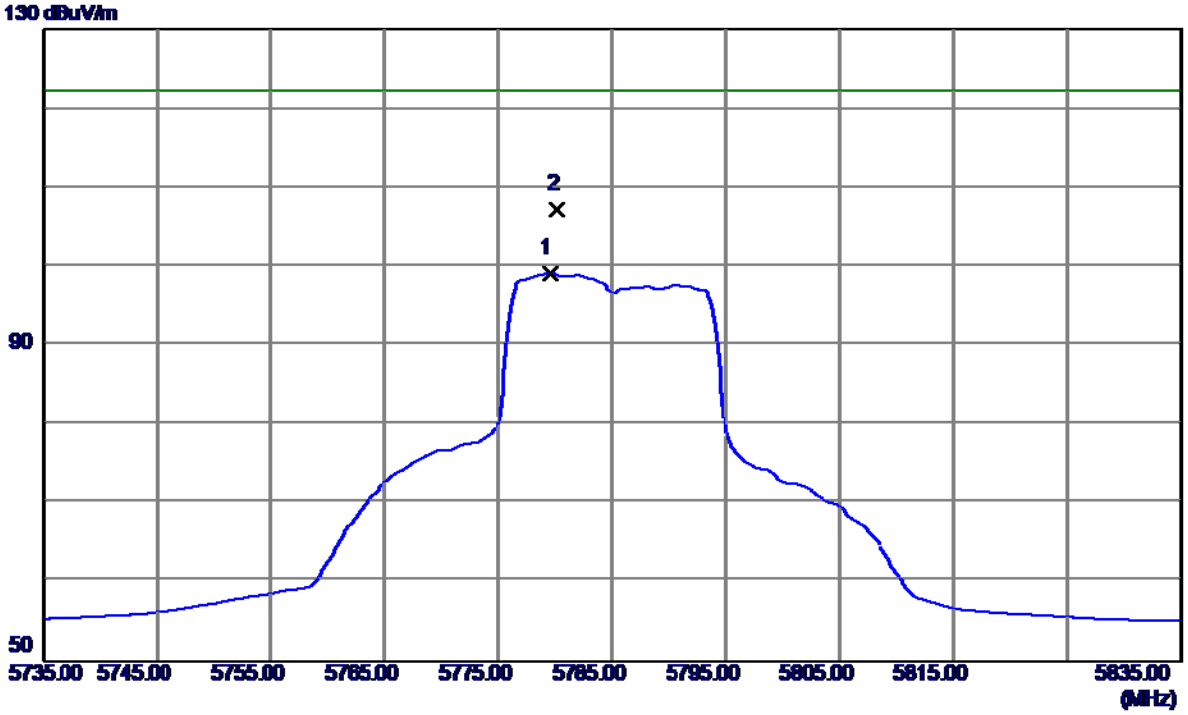
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.8900	51.25	15.48	66.73	68.30	-1.57	Peak	
2 *	11570.0100	38.21	15.48	53.69	54.00	-0.31	AVG	

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

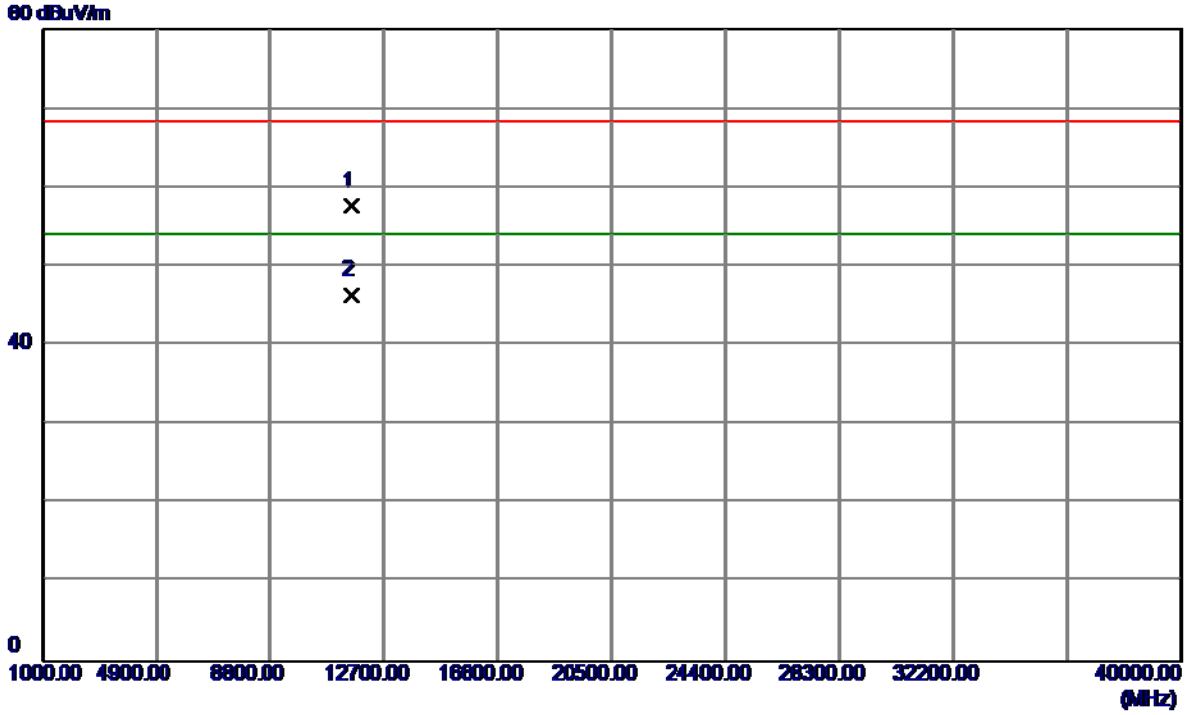
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5779.5000	56.39	42.77	99.16	122.30	-23.14	AVG	
2 *	5780.1000	64.47	42.78	107.25	122.30	-15.05	Peak	

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

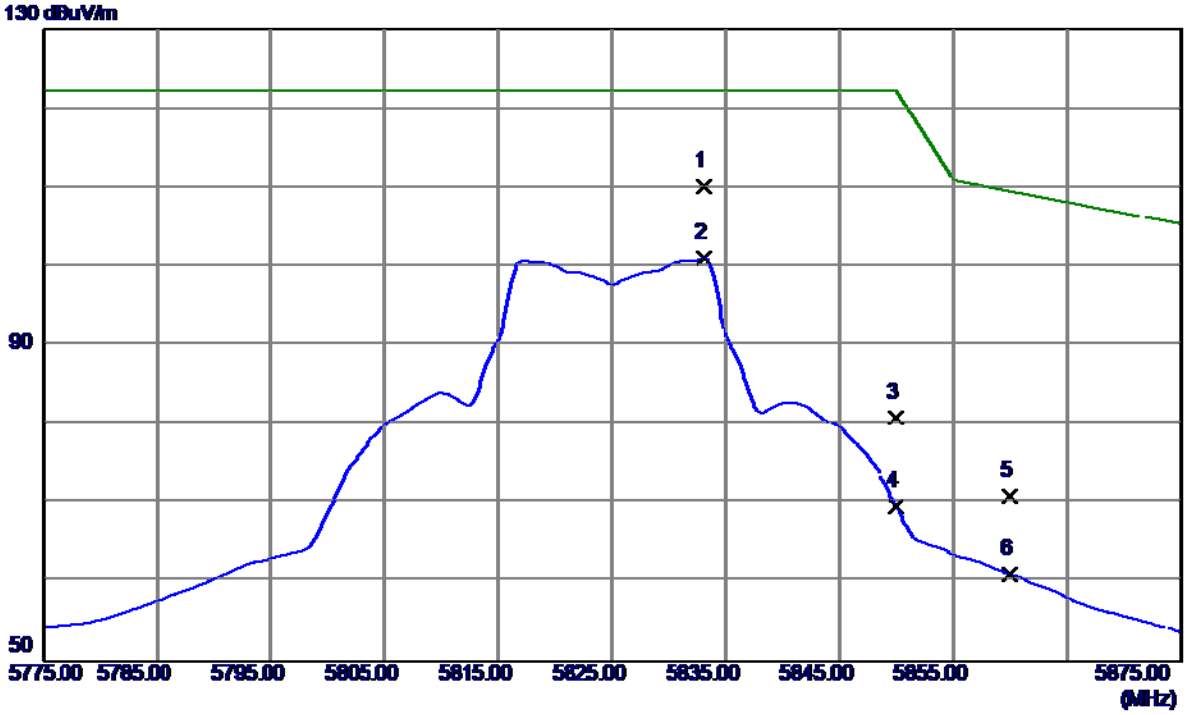
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11571.1300	42.20	15.48	57.68	68.30	-10.62	Peak	
2 *	11569.2000	30.87	15.48	46.35	54.00	-7.65	AVG	

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

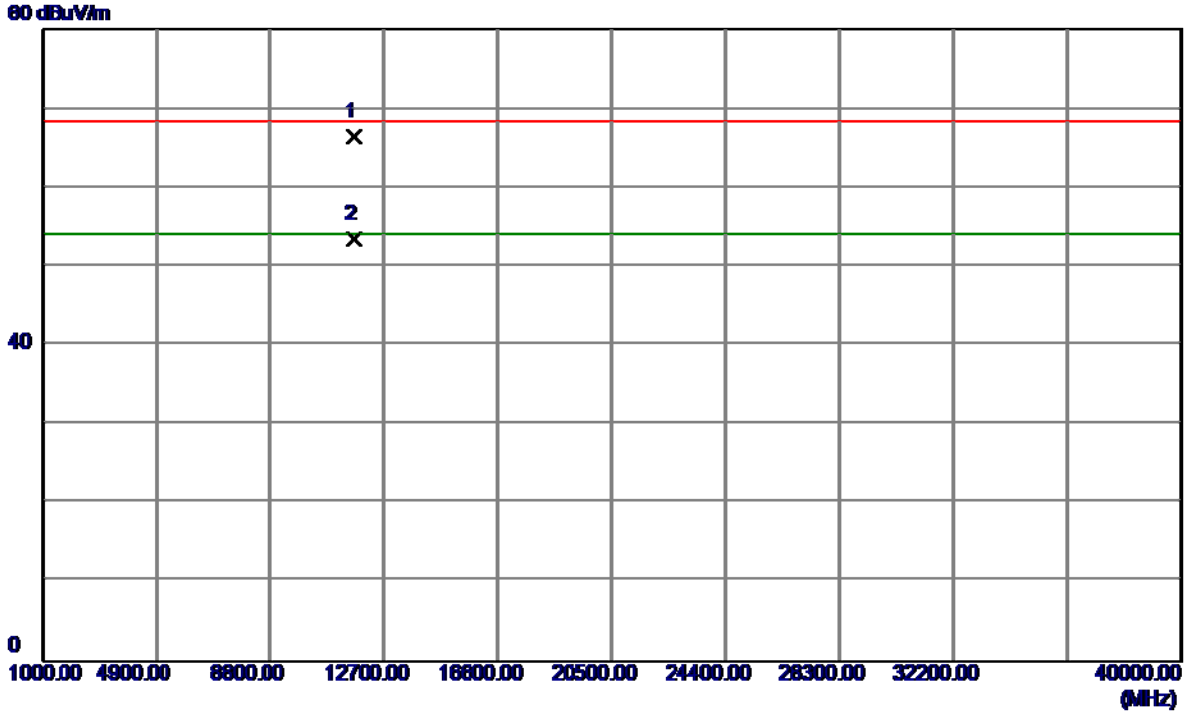
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5833.1000	67.27	42.97	110.24	122.30	-12.06	Peak	
2	5833.1000	58.03	42.97	101.00	122.30	-21.30	AVG	
3	5850.0000	37.83	43.03	80.86	122.30	-41.44	Peak	
4	5850.0000	26.69	43.03	69.72	122.30	-52.58	AVG	
5	5860.0000	27.96	43.06	71.02	109.50	-38.48	Peak	
6	5860.0000	17.92	43.06	60.98	109.50	-48.52	AVG	

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

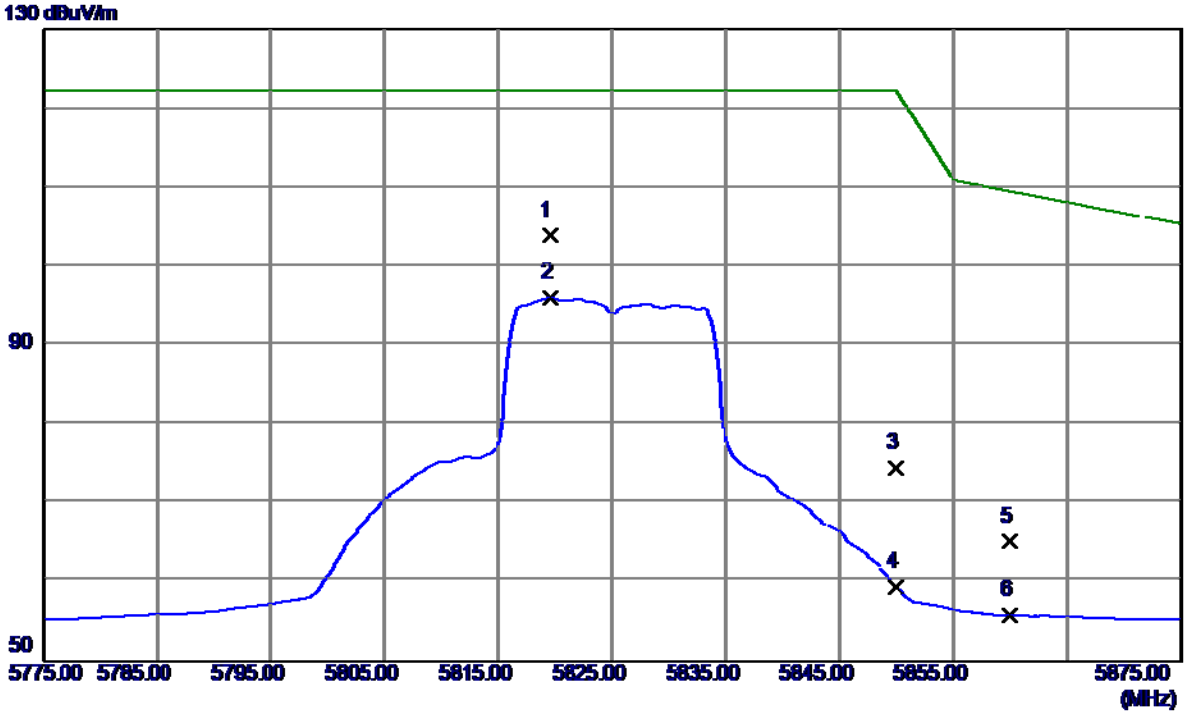
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.9100	50.98	15.48	66.46	68.30	-1.84	Peak	
2 *	11649.9400	37.90	15.48	53.38	54.00	-0.62	AVG	

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

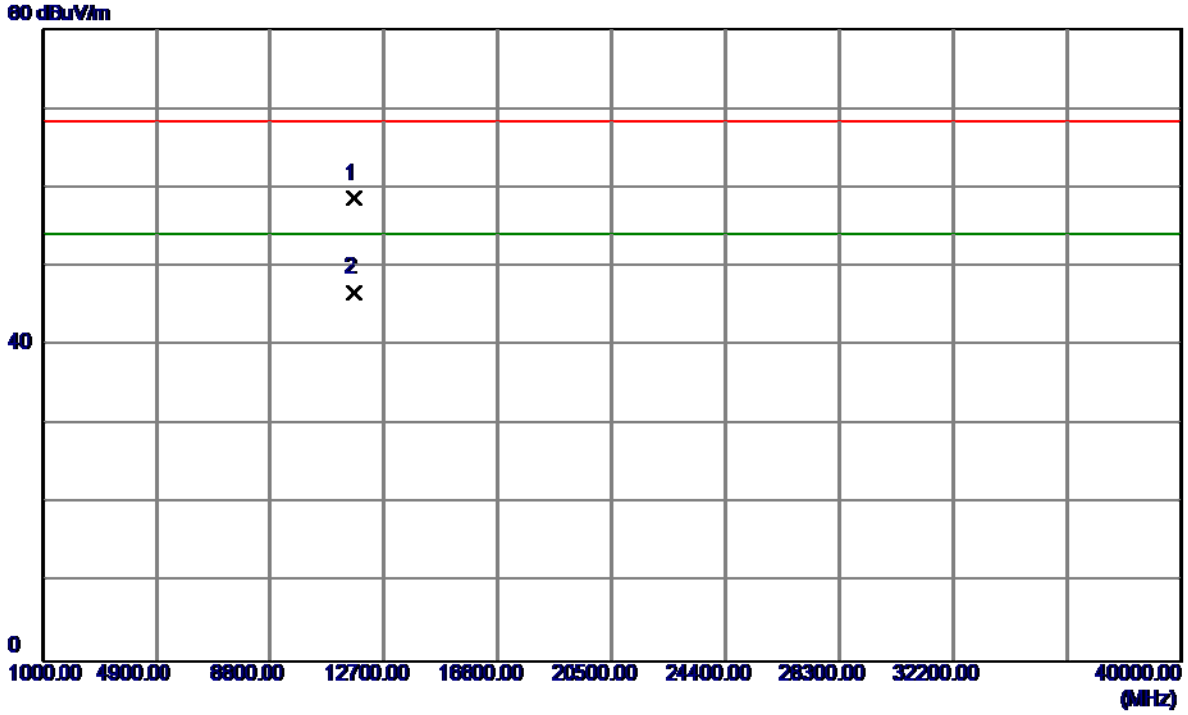
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.5000	60.97	42.92	103.89	122.30	-18.41	Peak	
2	5819.6000	53.15	42.92	96.07	122.30	-26.23	AVG	
3	5850.0000	31.51	43.03	74.54	122.30	-47.76	Peak	
4	5850.0000	16.43	43.03	59.46	122.30	-62.84	AVG	
5	5860.0000	22.21	43.06	65.27	109.50	-44.23	Peak	
6	5860.0000	12.81	43.06	55.87	109.50	-53.63	AVG	

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

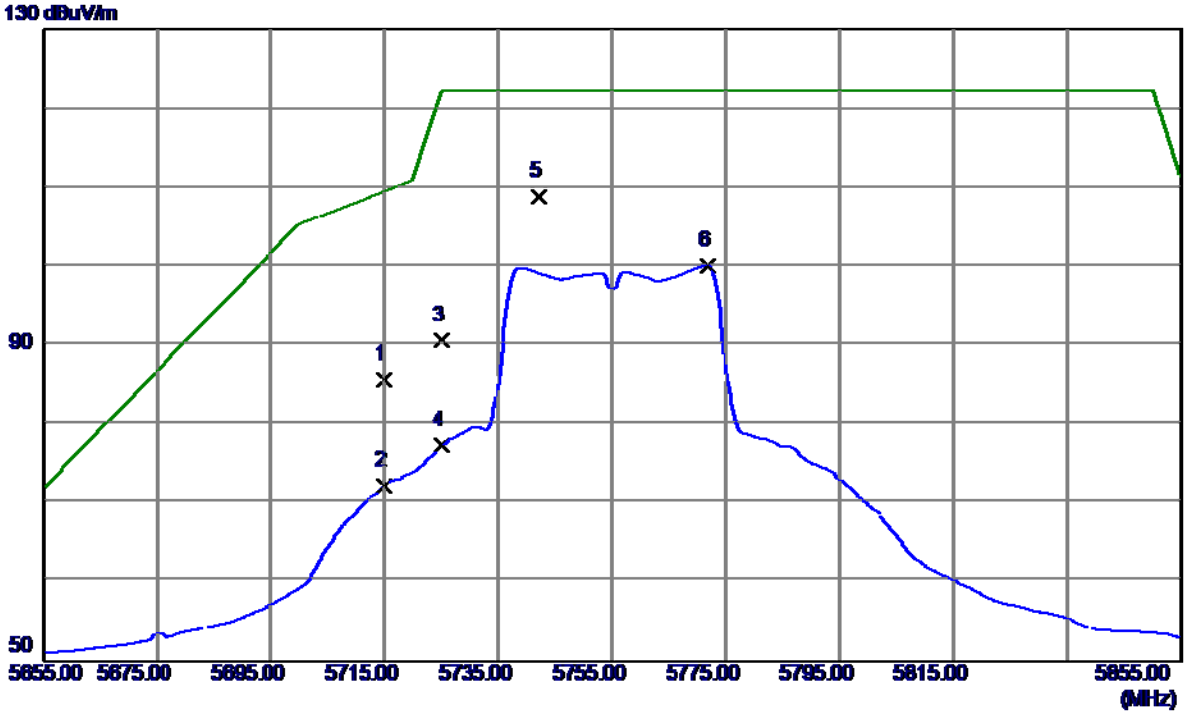
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.4400	43.16	15.48	58.64	68.30	-9.66	Peak	
2 *	11648.9200	31.28	15.48	46.76	54.00	-7.24	AVG	

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

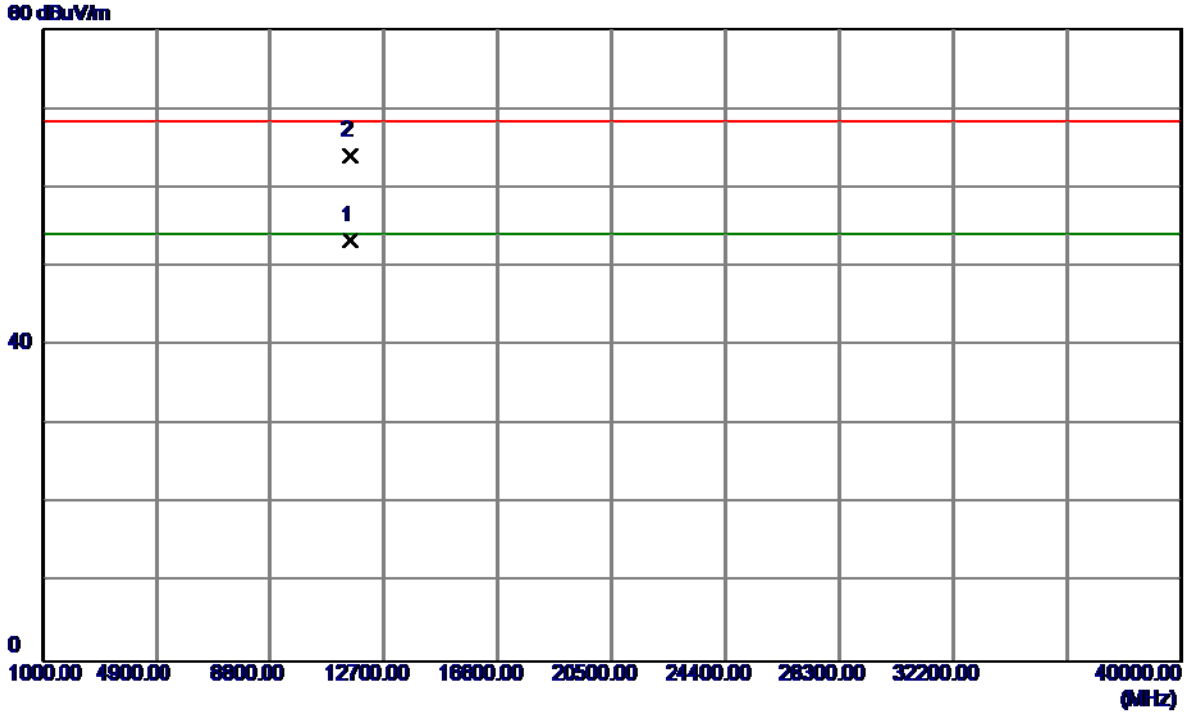
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	43.10	42.55	85.65	109.50	-23.85	Peak	
2	5715.0000	29.77	42.55	72.32	109.50	-37.18	AVG	
3	5725.0000	48.05	42.58	90.63	122.30	-31.67	Peak	
4	5725.0000	34.73	42.58	77.31	122.30	-44.99	AVG	
5 *	5742.2000	66.20	42.64	108.84	122.30	-13.46	Peak	
6	5771.8000	57.37	42.75	100.12	122.30	-22.18	AVG	

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

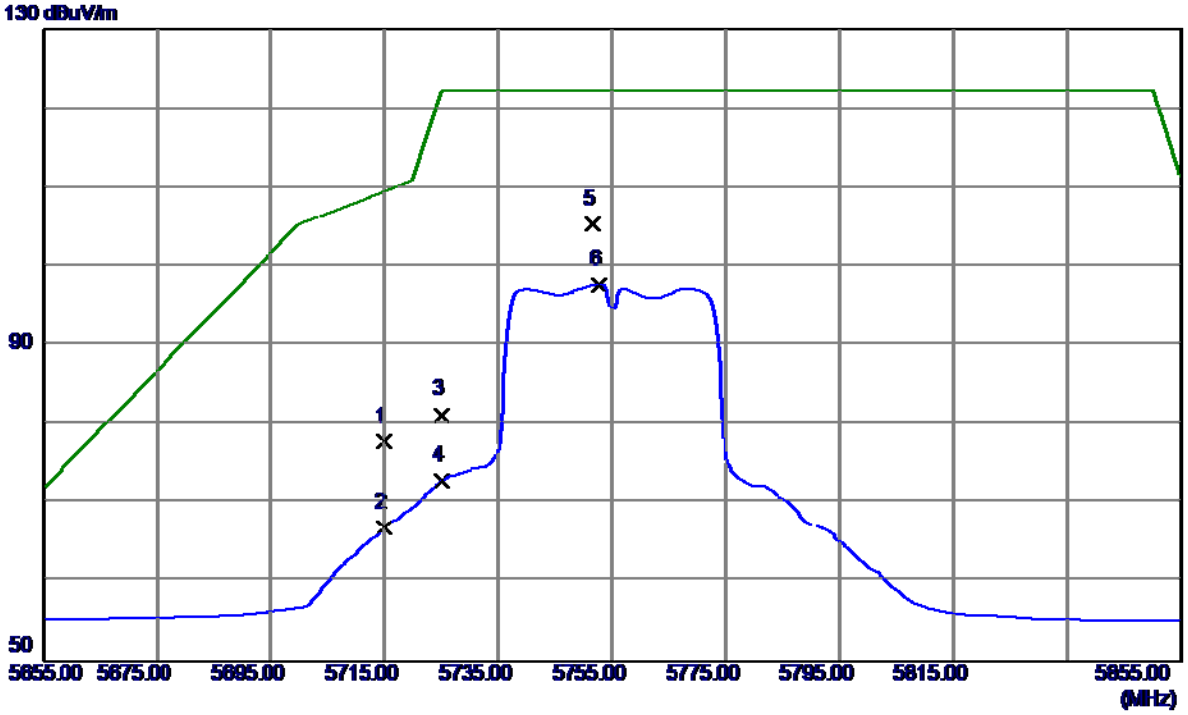
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.9600	37.83	15.48	53.31	54.00	-0.69	AVG	
2	11510.1000	48.54	15.48	64.02	68.30	-4.28	Peak	

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

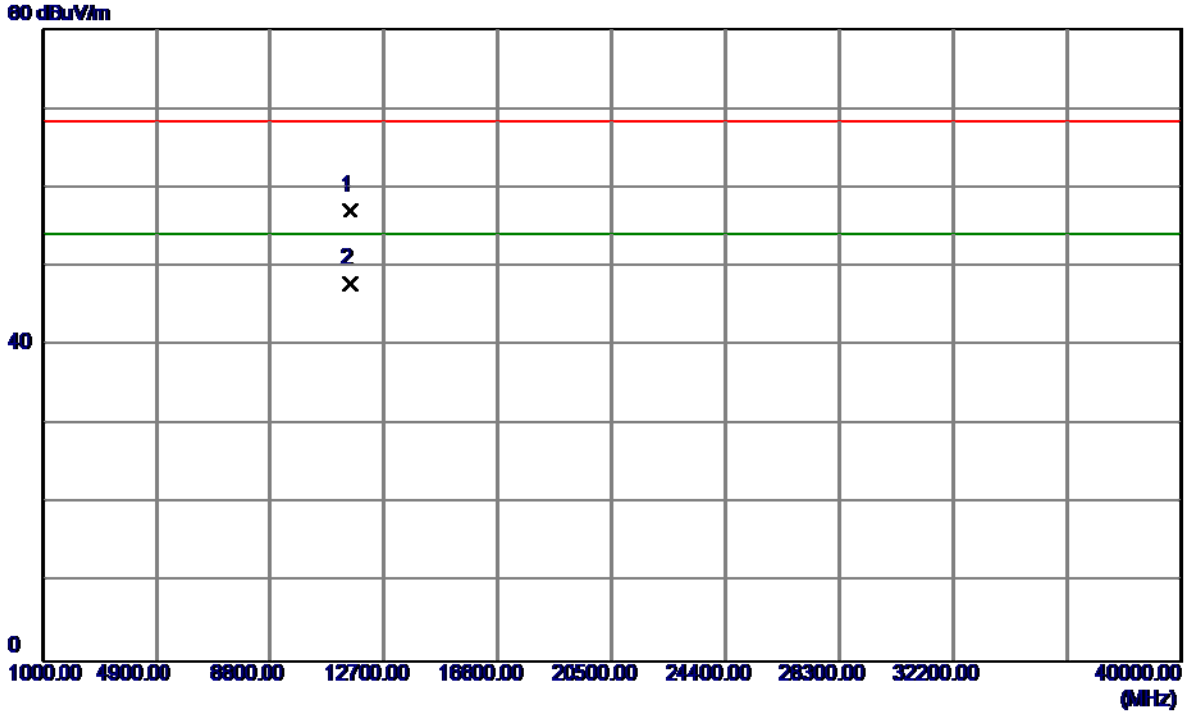
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	35.32	42.55	77.87	109.50	-31.63	Peak	
2	5715.0000	24.45	42.55	67.00	109.50	-42.50	AVG	
3	5725.0000	38.70	42.58	81.28	122.30	-41.02	Peak	
4	5725.0000	30.33	42.58	72.91	122.30	-49.39	AVG	
5 *	5751.6000	62.73	42.68	105.41	122.30	-16.89	Peak	
6	5752.8000	55.05	42.68	97.73	122.30	-24.57	AVG	

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

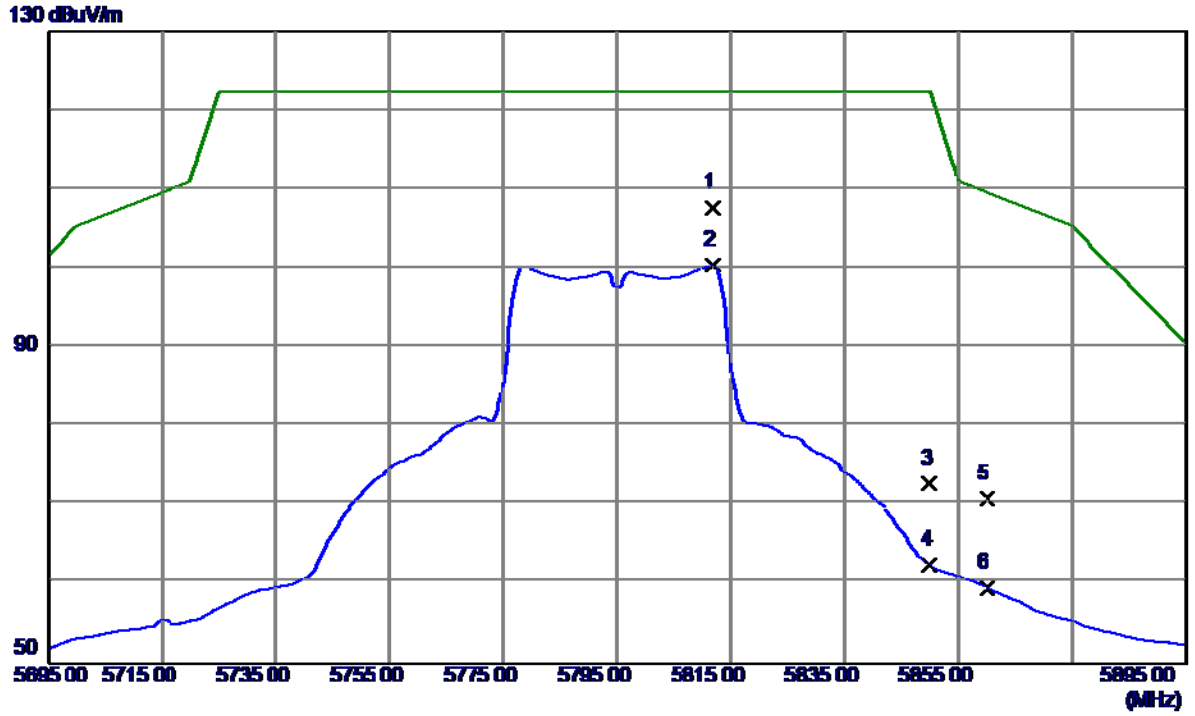
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.2000	41.66	15.48	57.14	68.30	-11.16	Peak	
2 *	11510.2000	32.39	15.48	47.87	54.00	-6.13	AVG	

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

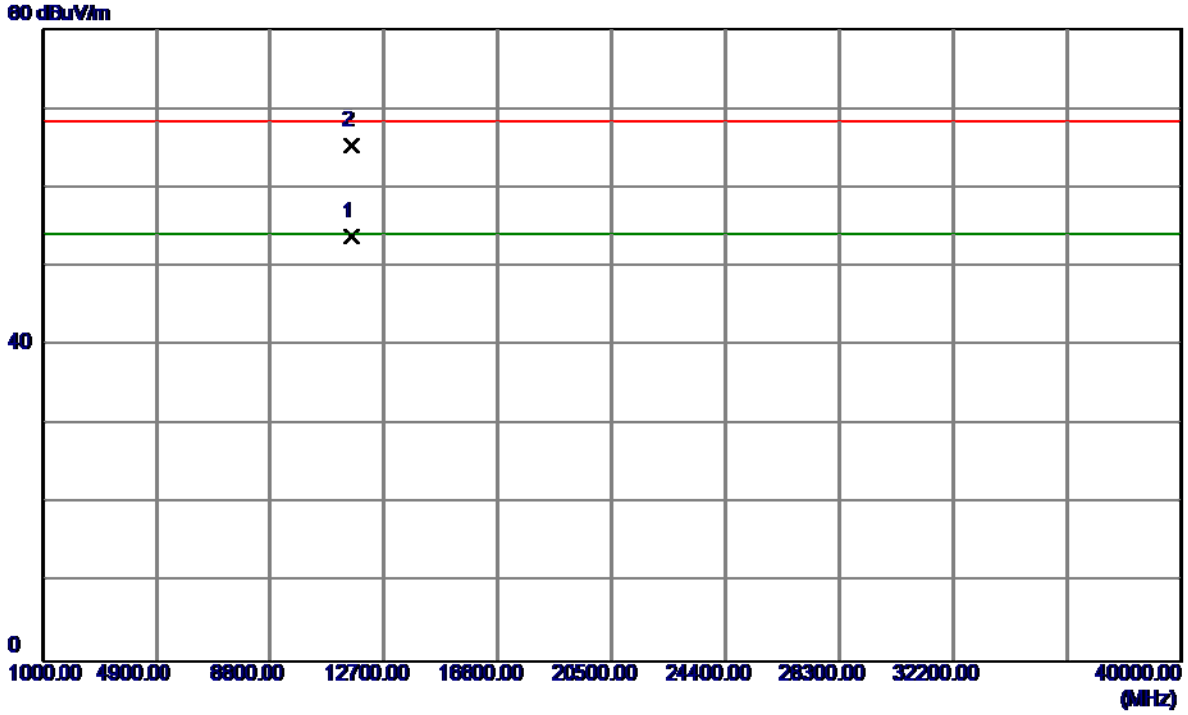
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5811.8000	64.77	42.89	107.66	122.30	-14.64	Peak	
2	5811.8000	57.48	42.89	100.37	122.30	-21.93	AVG	
3	5850.0000	29.65	43.03	72.68	122.30	-49.62	Peak	
4	5850.0000	19.43	43.03	62.46	122.30	-59.84	AVG	
5	5860.0000	27.71	43.06	70.77	109.50	-38.73	Peak	
6	5860.0000	16.46	43.06	59.52	109.50	-49.98	AVG	

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

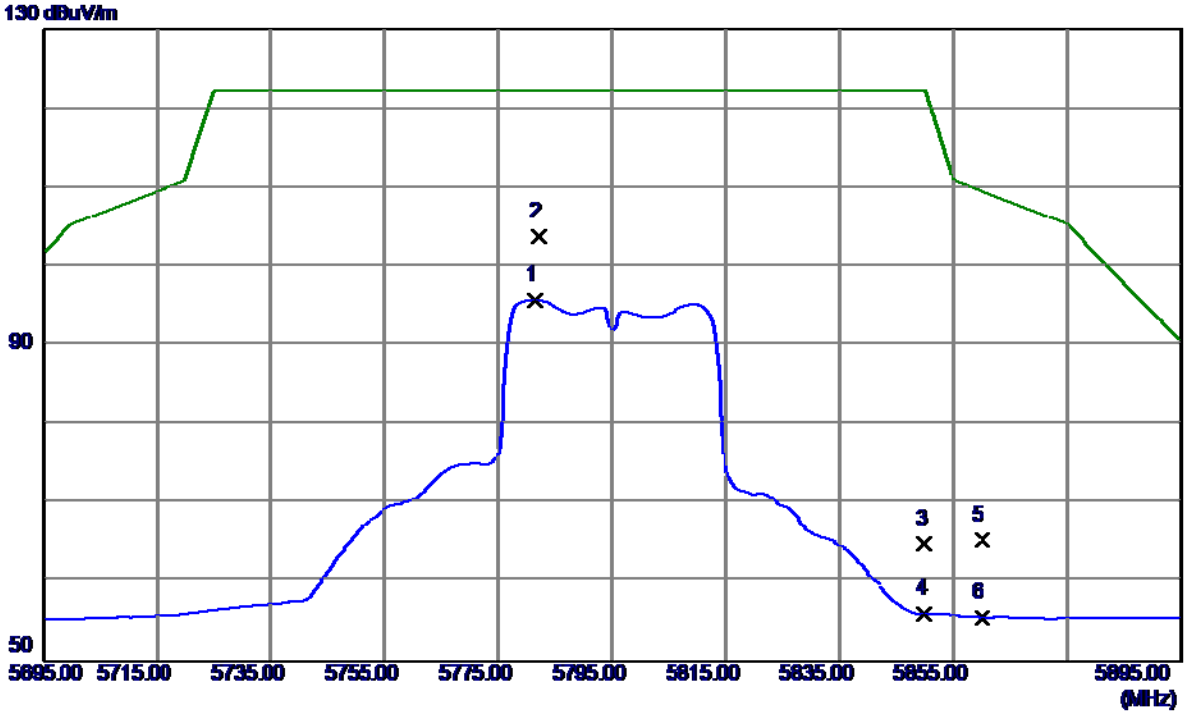
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11589.9900	38.24	15.48	53.72	54.00	-0.28	AVG	
2	11590.8700	49.85	15.48	65.33	68.30	-2.97	Peak	

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

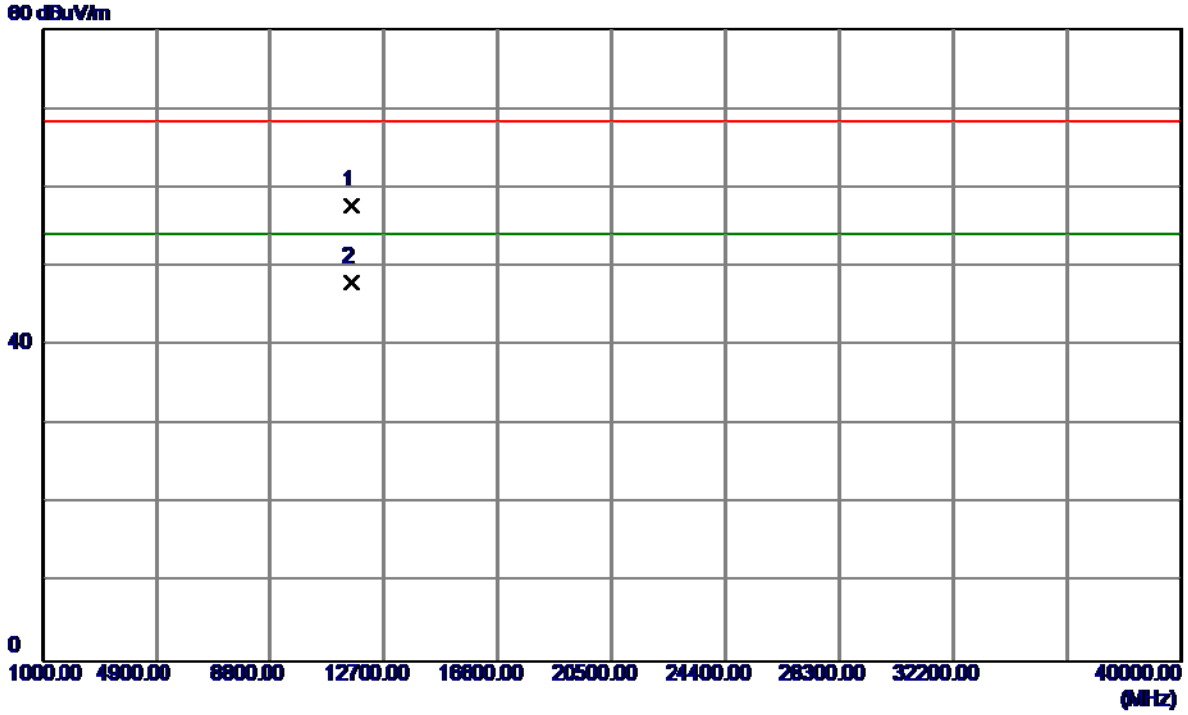
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5781.4000	53.03	42.78	95.81	122.30	-26.49	AVG	
2 *	5782.2000	60.92	42.78	103.70	122.30	-18.60	Peak	
3	5850.0000	21.87	43.03	64.90	122.30	-57.40	Peak	
4	5850.0000	13.06	43.03	56.09	122.30	-66.21	AVG	
5	5860.0000	22.33	43.06	65.39	109.50	-44.11	Peak	
6	5860.0000	12.59	43.06	55.65	109.50	-53.85	AVG	

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

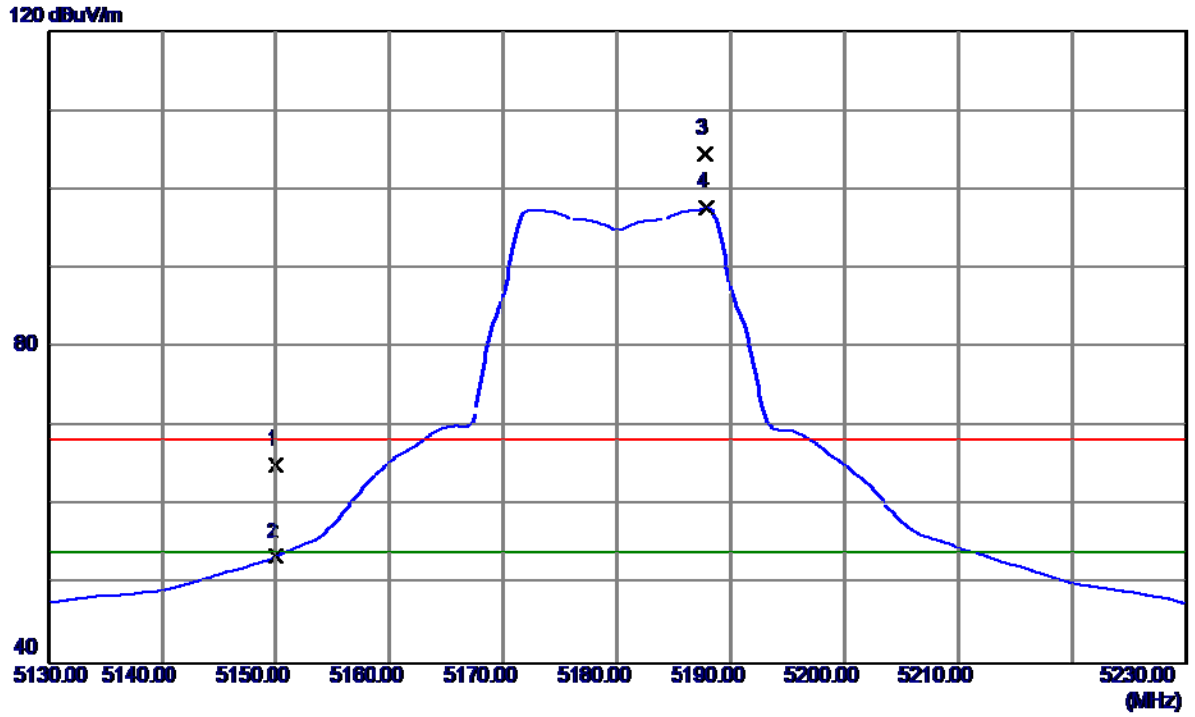
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11588.2800	42.27	15.48	57.75	68.30	-10.55	Peak	
2 *	11590.0900	32.46	15.48	47.94	54.00	-6.06	AVG	

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

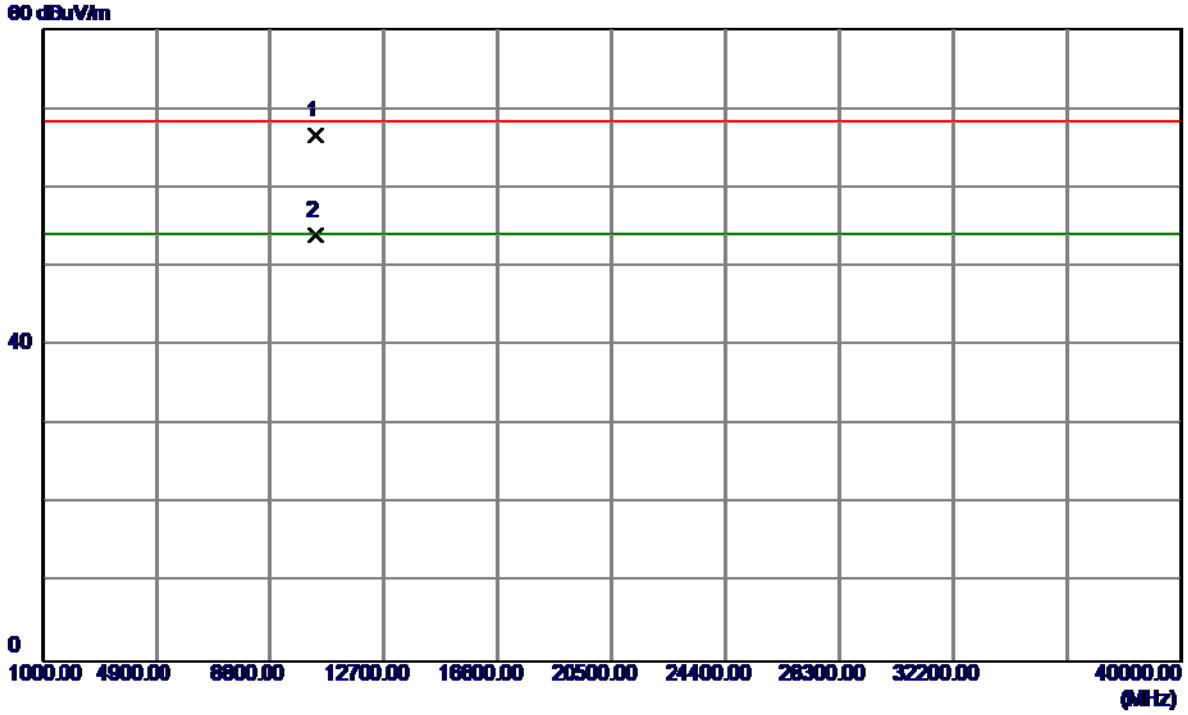
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.56	40.62	65.18	68.30	-3.12	Peak	
2	5150.0000	12.90	40.62	53.52	54.00	-0.48	AVG	
3	5187.8000	63.66	40.75	104.41	68.30	36.11	Peak	NO LIMIT
4 *	5187.9000	56.95	40.75	97.70	54.00	43.70	AVG	NO LIMIT

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

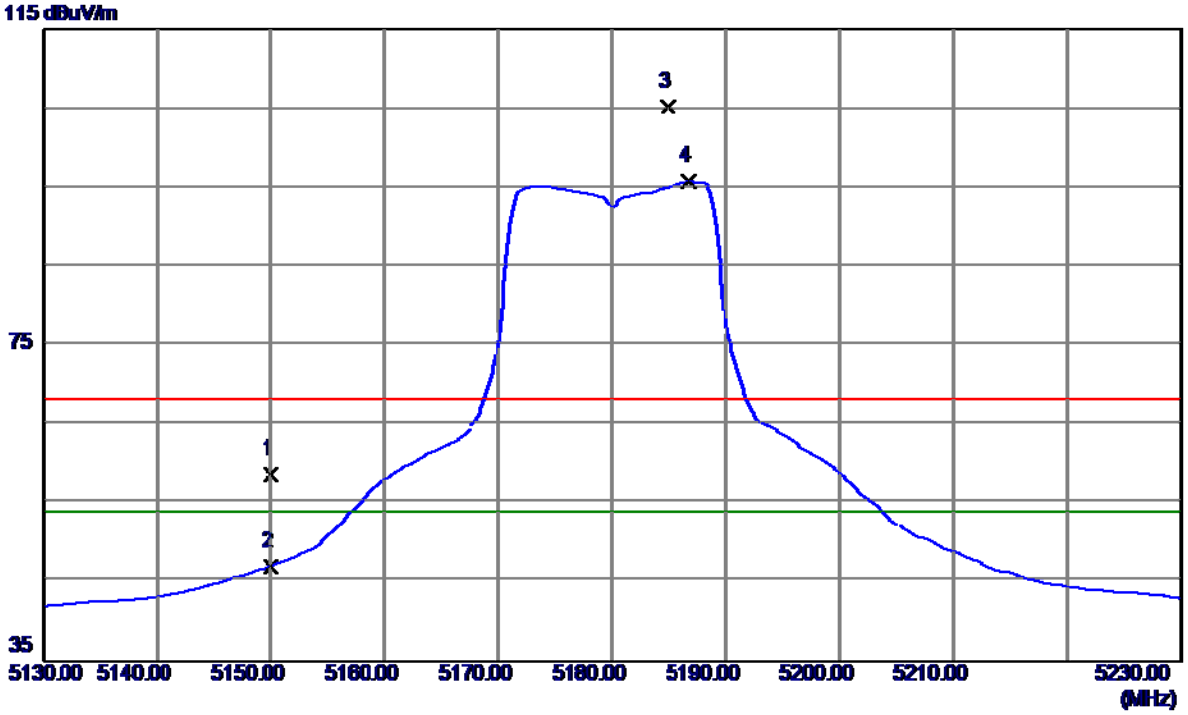
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.7800	51.64	14.96	66.60	68.30	-1.70	Peak	
2 *	10359.9500	39.03	14.96	53.99	54.00	-0.01	AVG	

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

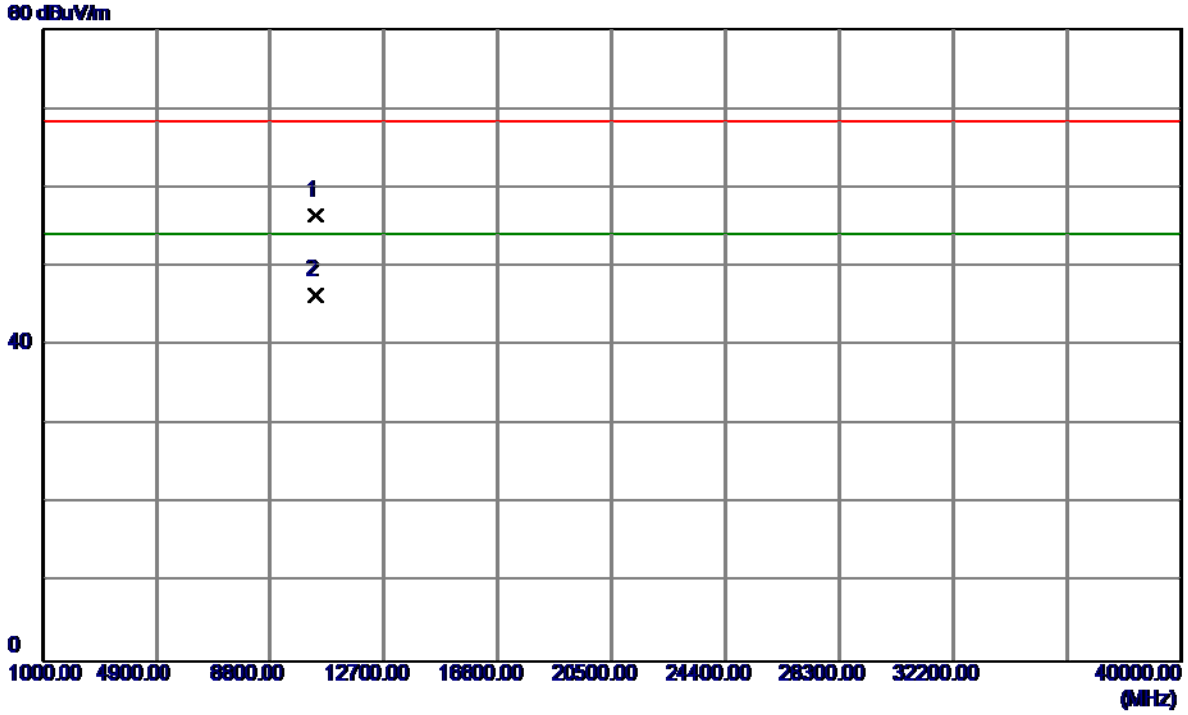
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.03	40.62	58.65	68.30	-9.65	Peak	
2	5150.0000	6.43	40.62	47.05	54.00	-6.95	AVG	
3	5184.9000	64.53	40.74	105.27	68.30	36.97	Peak	NO LIMIT
4 *	5186.8000	54.98	40.75	95.73	54.00	41.73	AVG	NO LIMIT

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

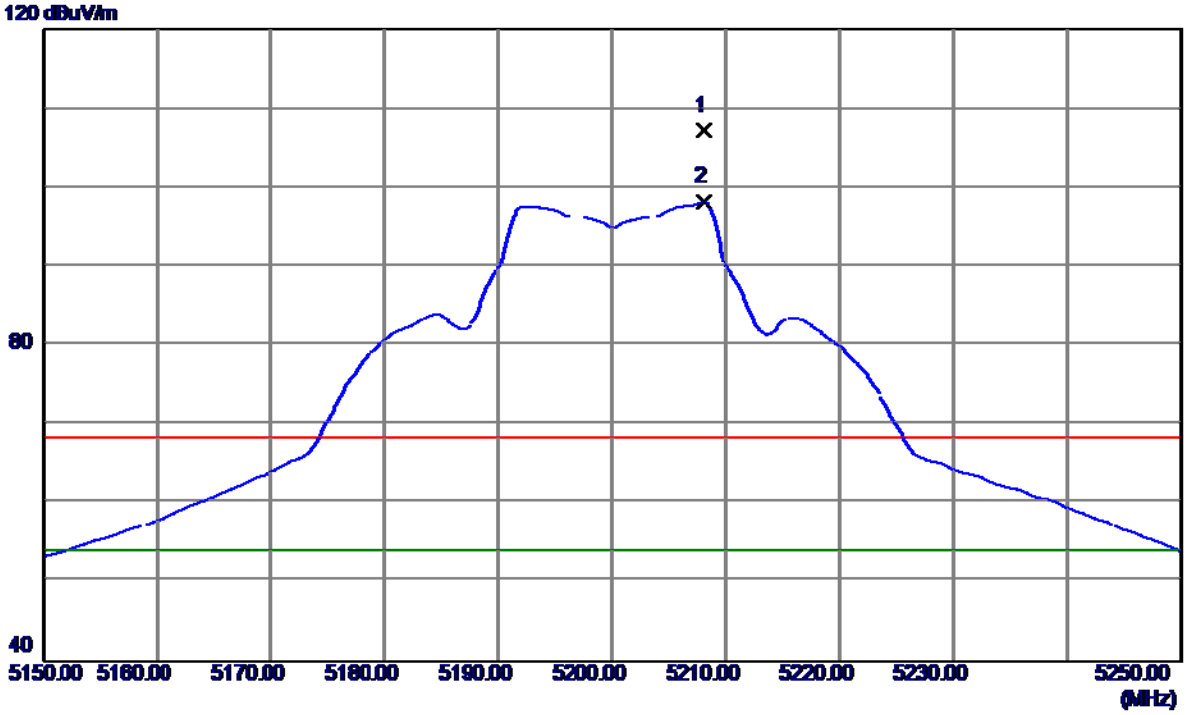
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.4500	41.57	14.96	56.53	68.30	-11.77	Peak	
2 *	10362.0800	31.48	14.97	46.45	54.00	-7.55	AVG	

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

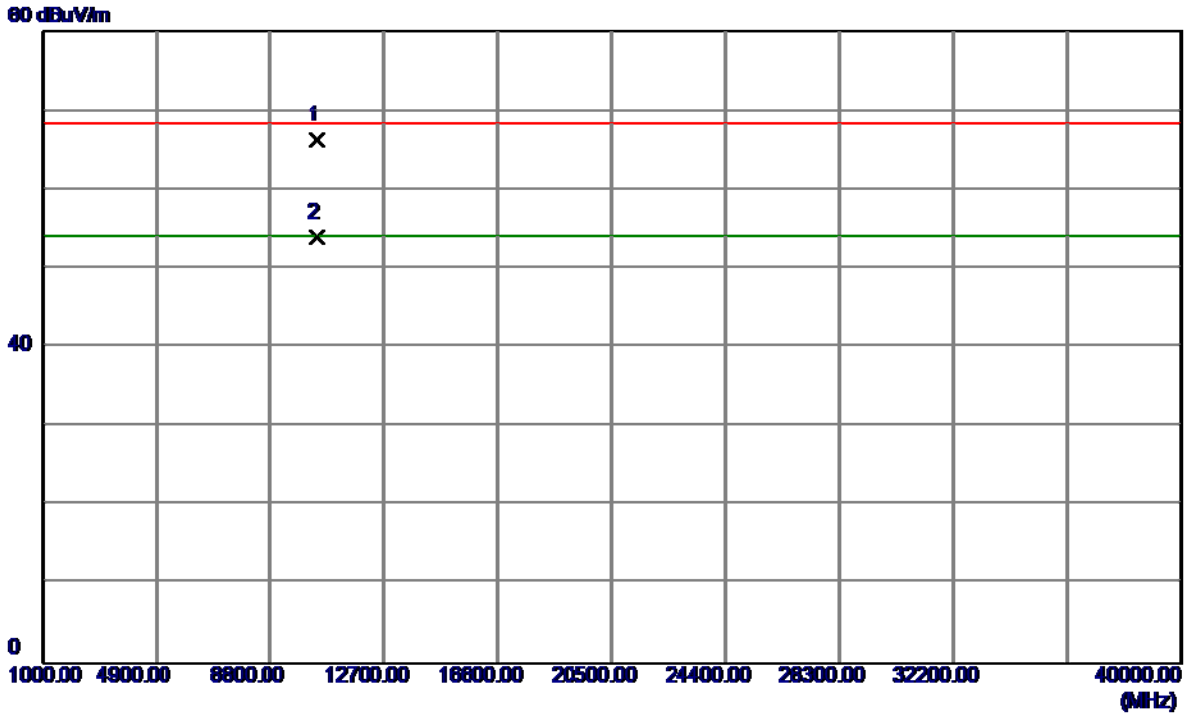
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5208.1000	66.35	40.82	107.17	68.30	38.87	Peak	NO LIMIT
2 *	5208.1000	57.35	40.82	98.17	54.00	44.17	AVG	NO LIMIT

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

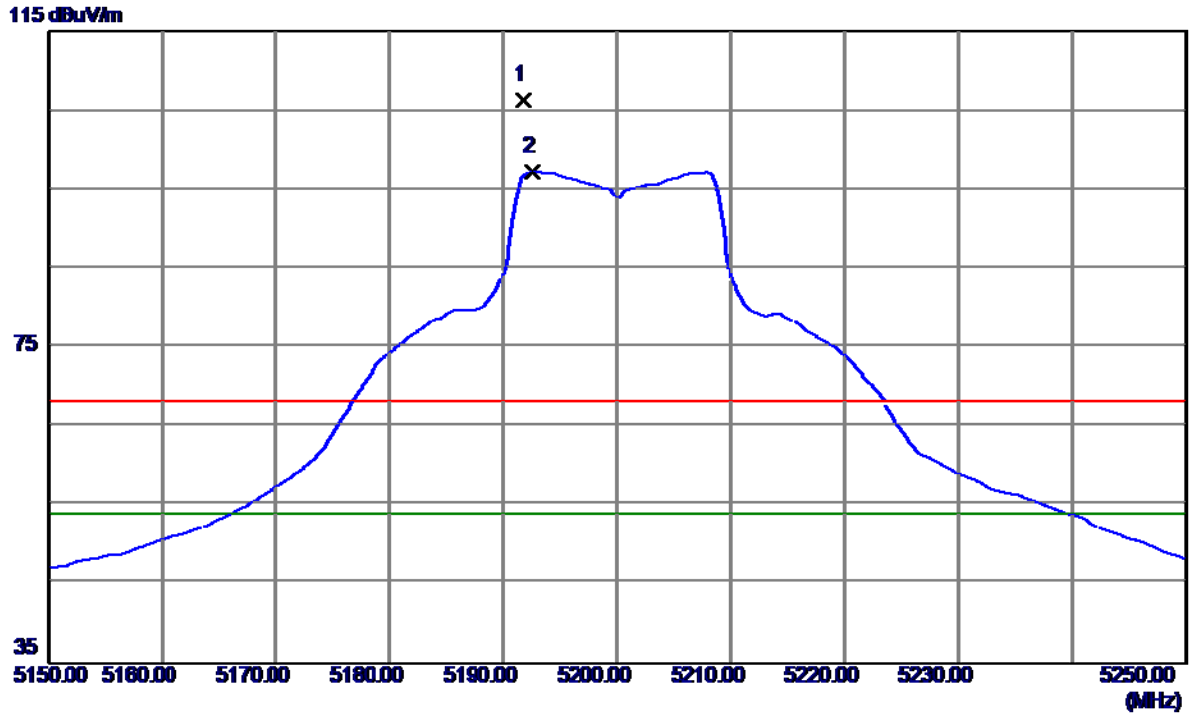
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.7900	51.21	15.06	66.27	68.30	-2.03	Peak	
2 *	10399.9300	38.82	15.06	53.88	54.00	-0.12	AVG	

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

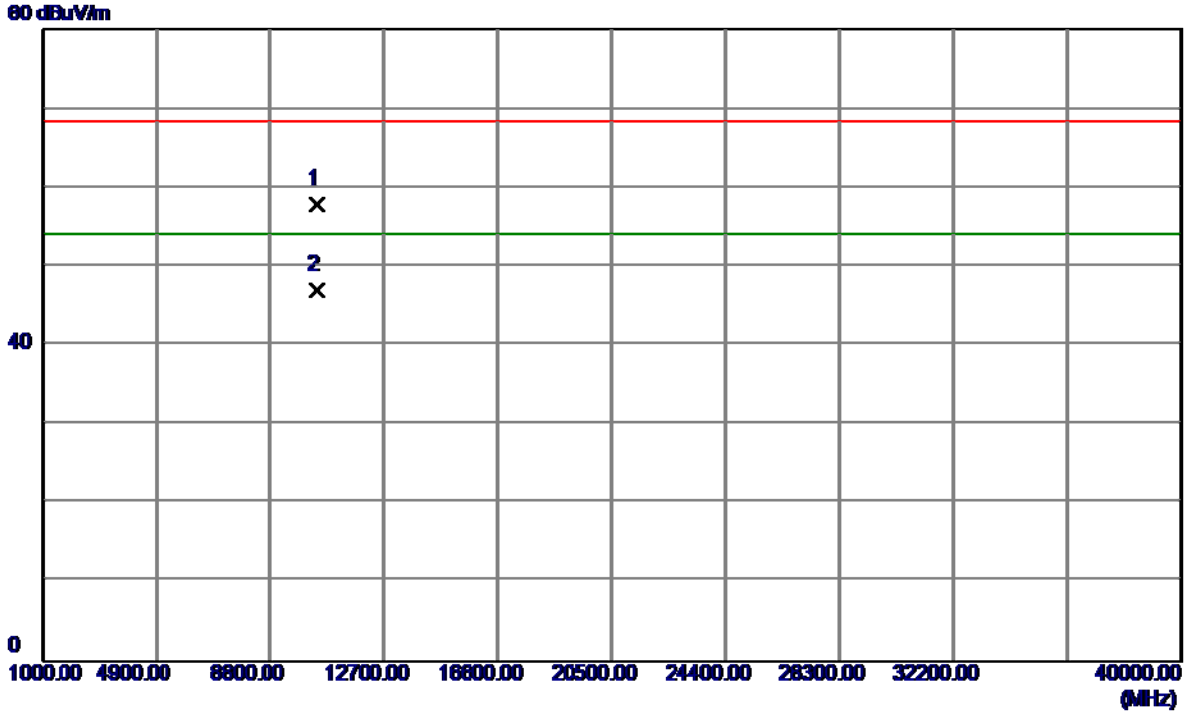
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5191.8000	65.65	40.76	106.41	68.30	38.11	Peak	NO LIMIT
2 *	5192.6000	56.43	40.77	97.20	54.00	43.20	AVG	NO LIMIT

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

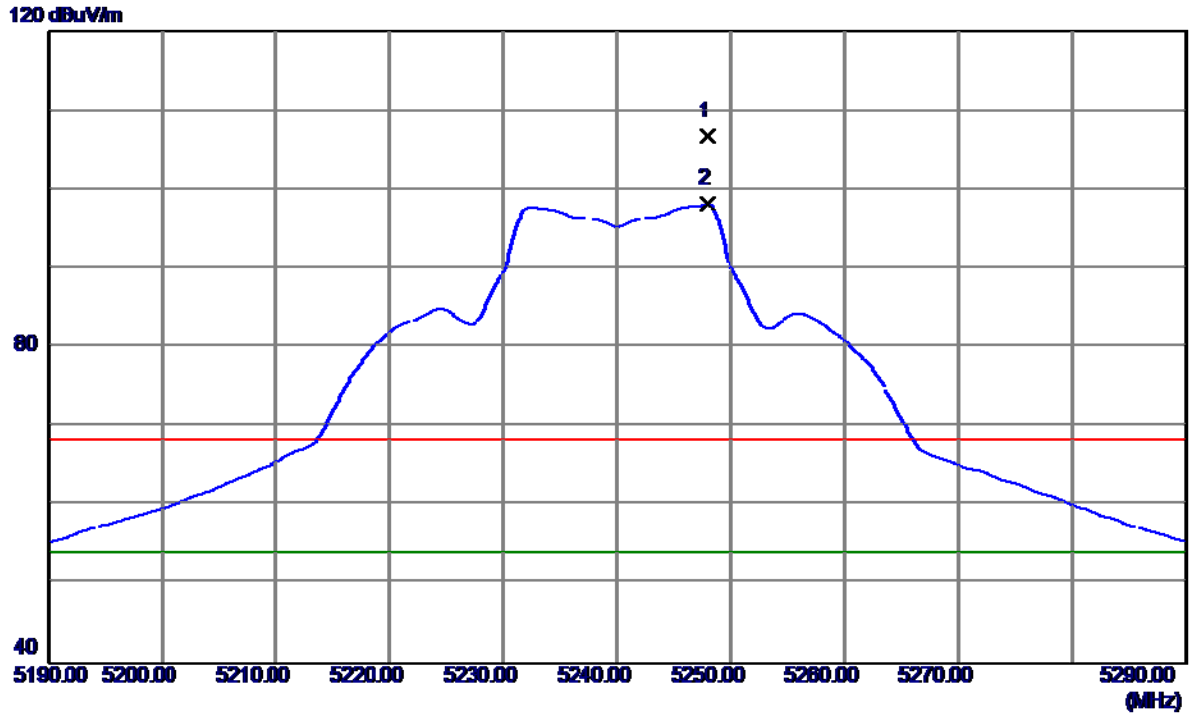
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10402.0100	42.82	15.06	57.88	68.30	-10.42	Peak	
2 *	10401.2000	32.04	15.06	47.10	54.00	-6.90	AVG	

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

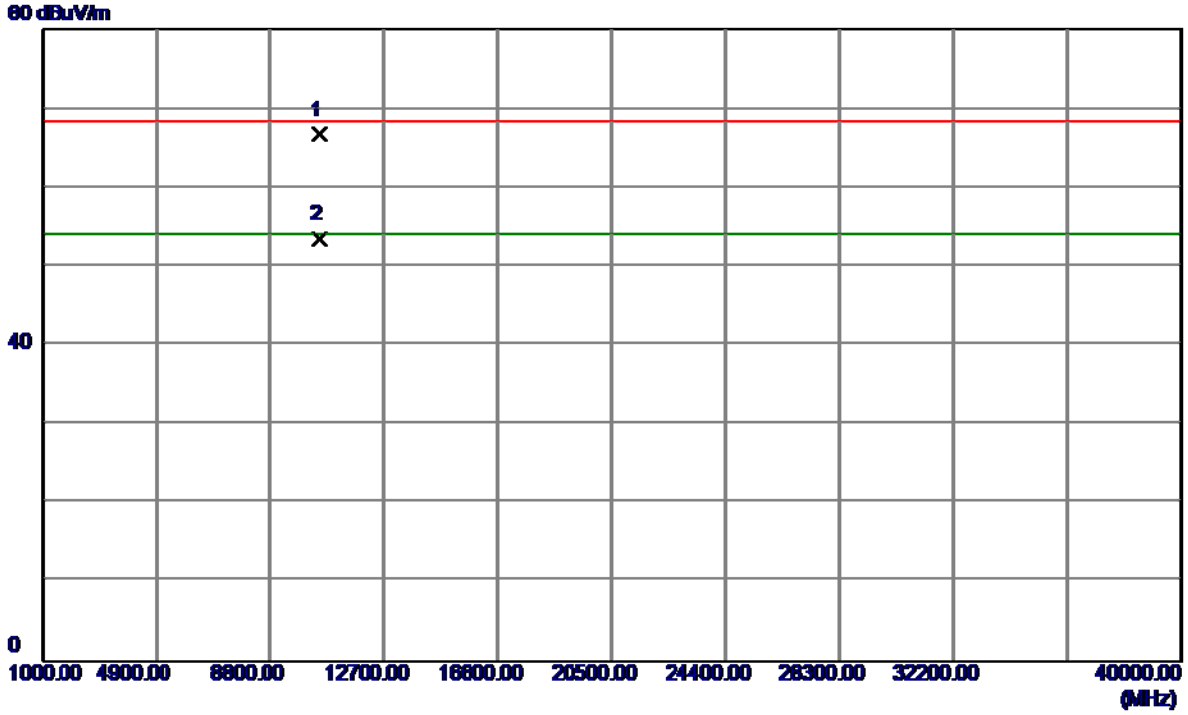
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5248.0000	65.82	40.95	106.77	68.30	38.47	Peak	NO LIMIT
2 *	5248.0000	57.22	40.95	98.17	54.00	44.17	AVG	NO LIMIT

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

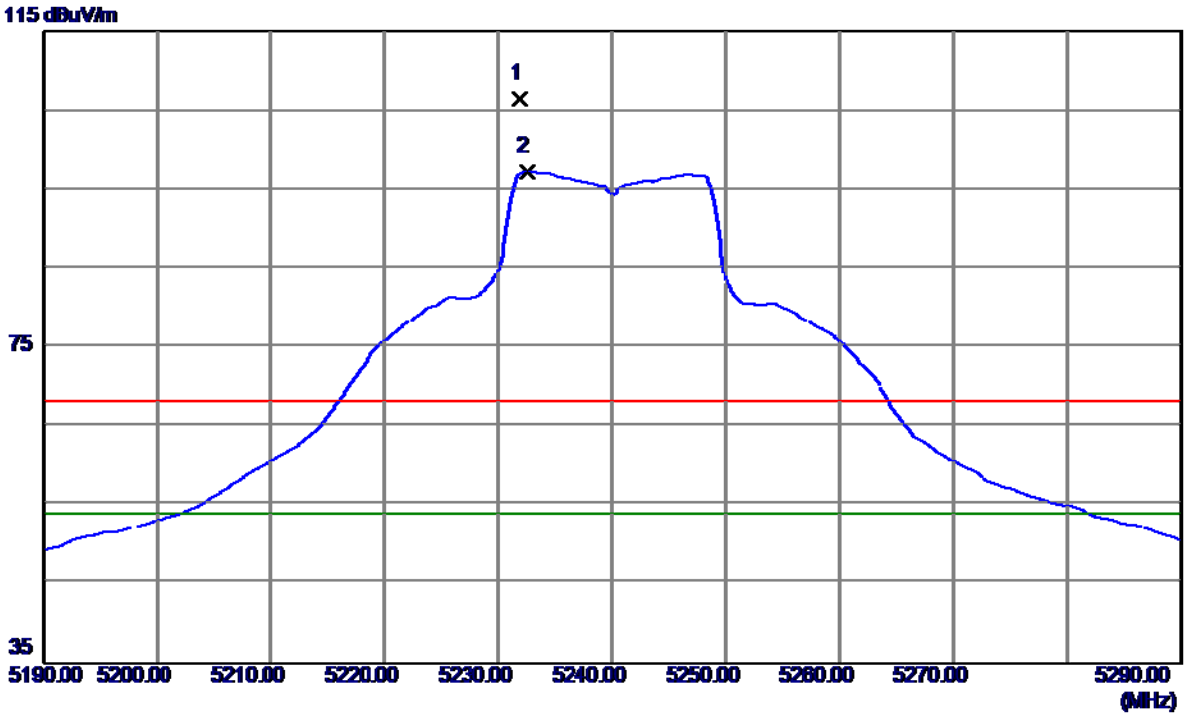
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.0700	51.40	15.24	66.64	68.30	-1.66	Peak	
2 *	10479.9500	38.22	15.24	53.46	54.00	-0.54	AVG	

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

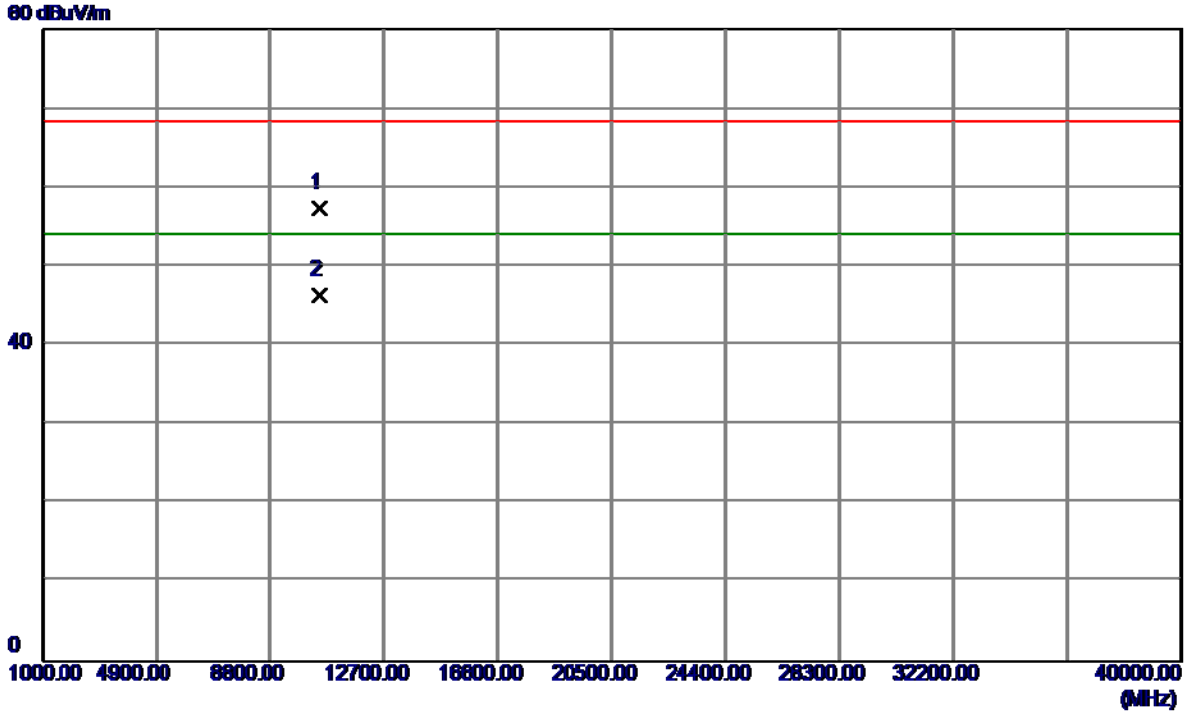
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5231.9000	65.62	40.90	106.52	68.30	38.22	Peak	NO LIMIT
2 *	5232.5000	56.35	40.90	97.25	54.00	43.25	AVG	NO LIMIT

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

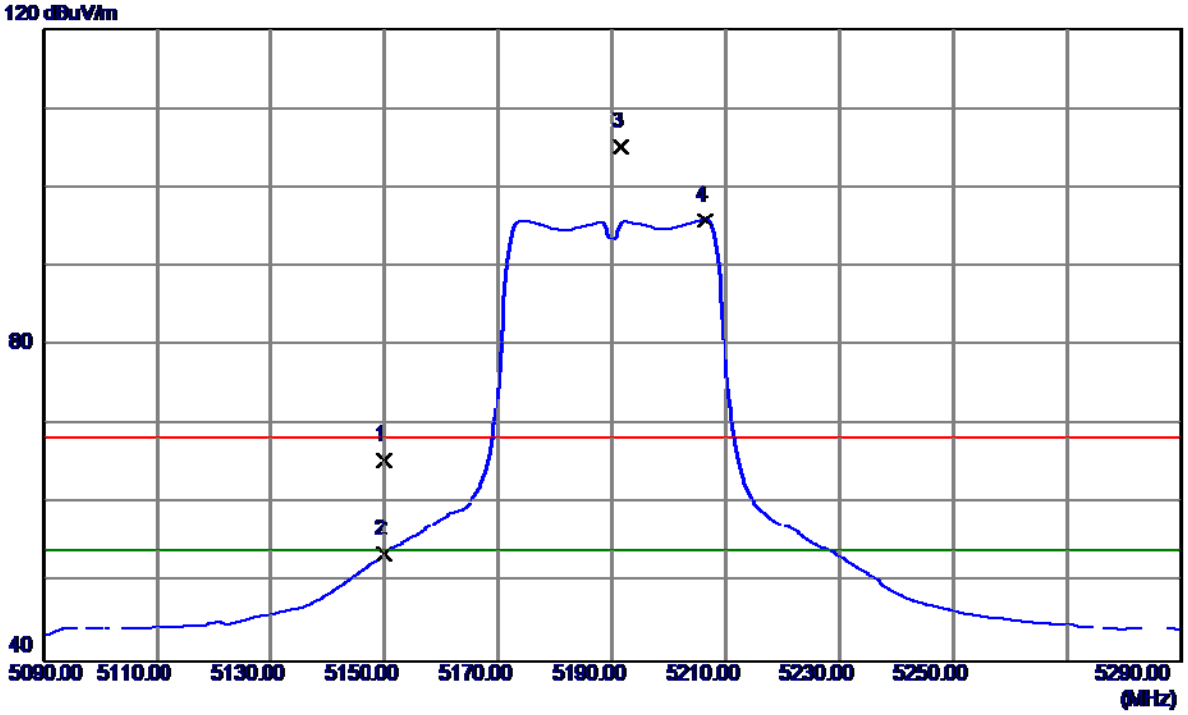
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.5700	42.20	15.24	57.44	68.30	-10.86	Peak	
2 *	10478.1800	31.18	15.24	46.42	54.00	-7.58	AVG	

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

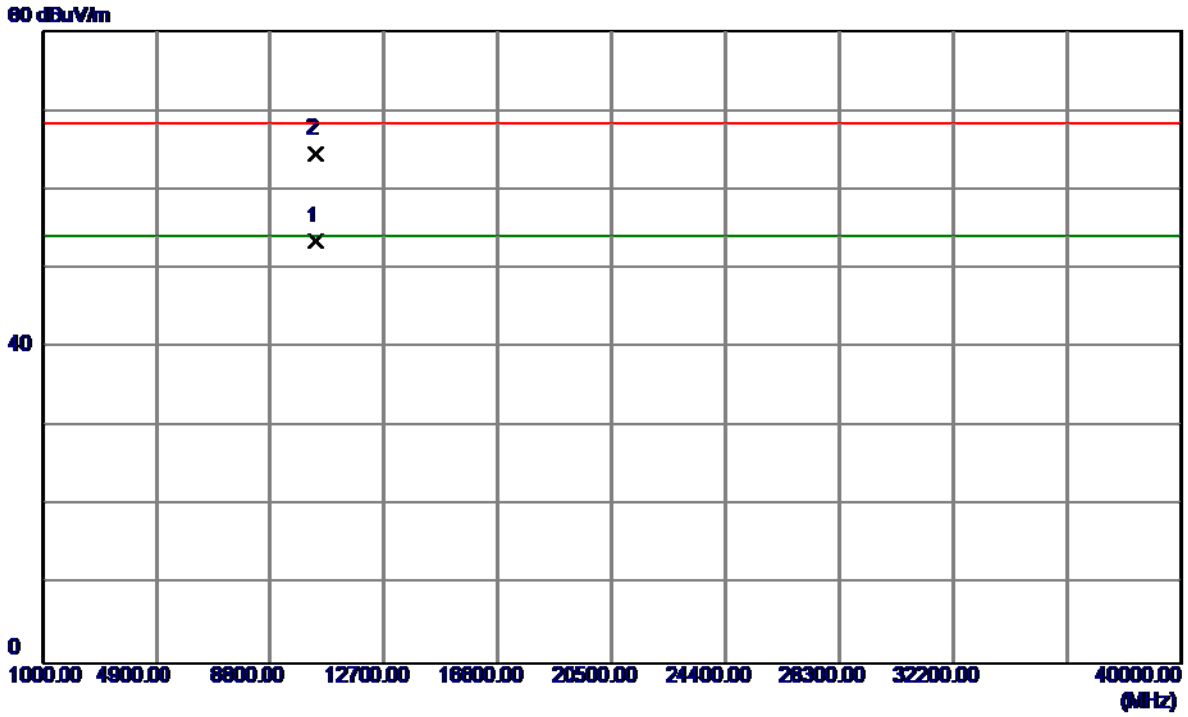
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.78	40.62	65.40	68.30	-2.90	Peak	
2	5150.0000	12.99	40.62	53.61	54.00	-0.39	AVG	
3	5191.6000	64.33	40.76	105.09	68.30	36.79	Peak	NO LIMIT
4 *	5206.4000	55.00	40.81	95.81	54.00	41.81	AVG	NO LIMIT

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

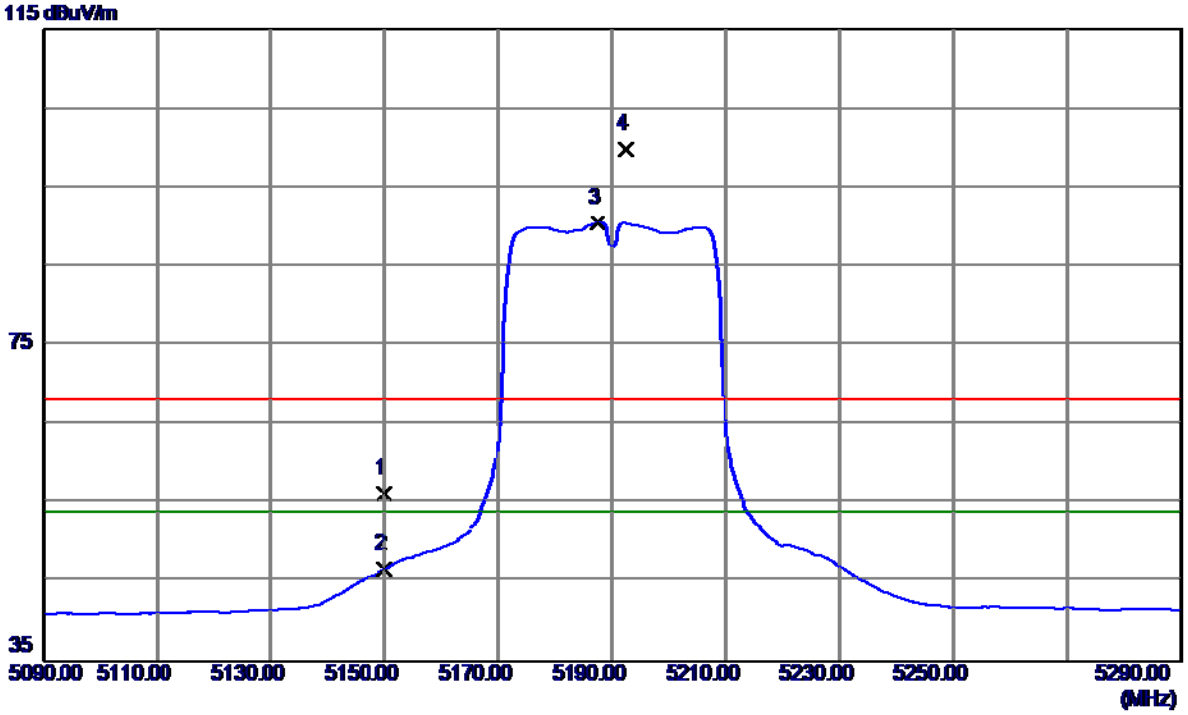
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.9900	38.36	15.01	53.37	54.00	-0.63	AVG	
2	10380.3000	49.48	15.01	64.49	68.30	-3.81	Peak	

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

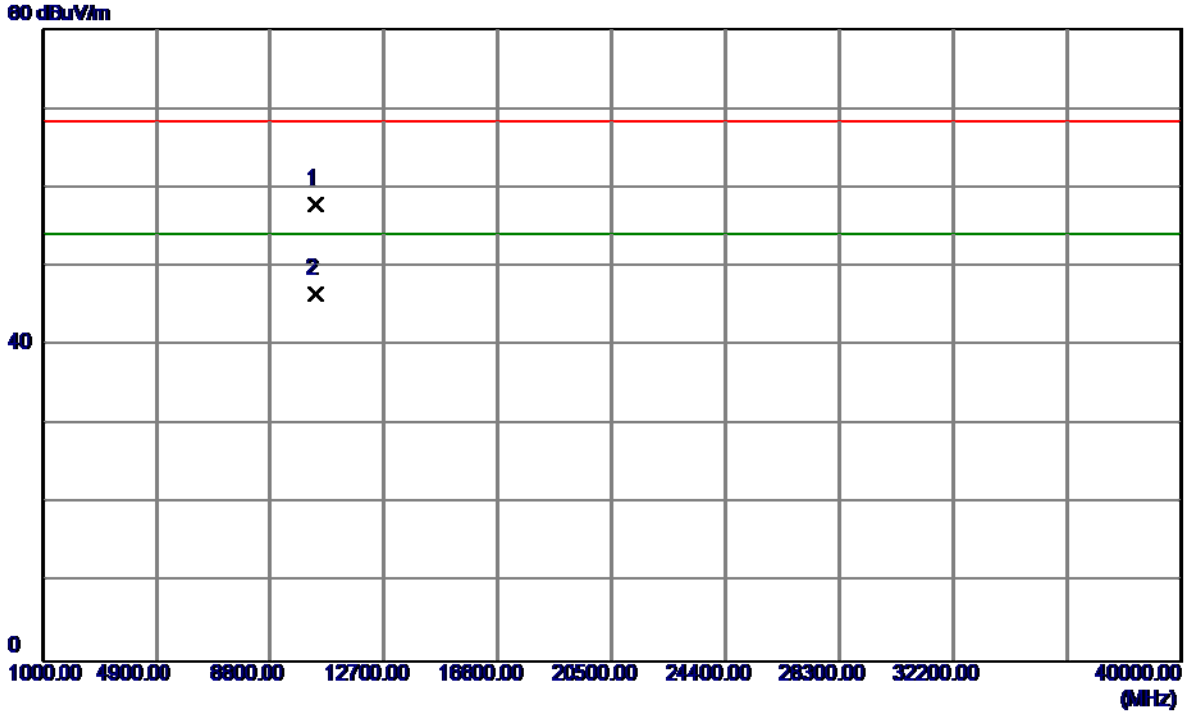
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	15.71	40.62	56.33	68.30	-11.97	Peak	
2	5150.0000	6.06	40.62	46.68	54.00	-7.32	AVG	
3 *	5187.6000	49.75	40.75	90.50	54.00	36.50	AVG	NO LIMIT
4	5192.4000	58.99	40.76	99.75	68.30	31.45	Peak	NO LIMIT

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

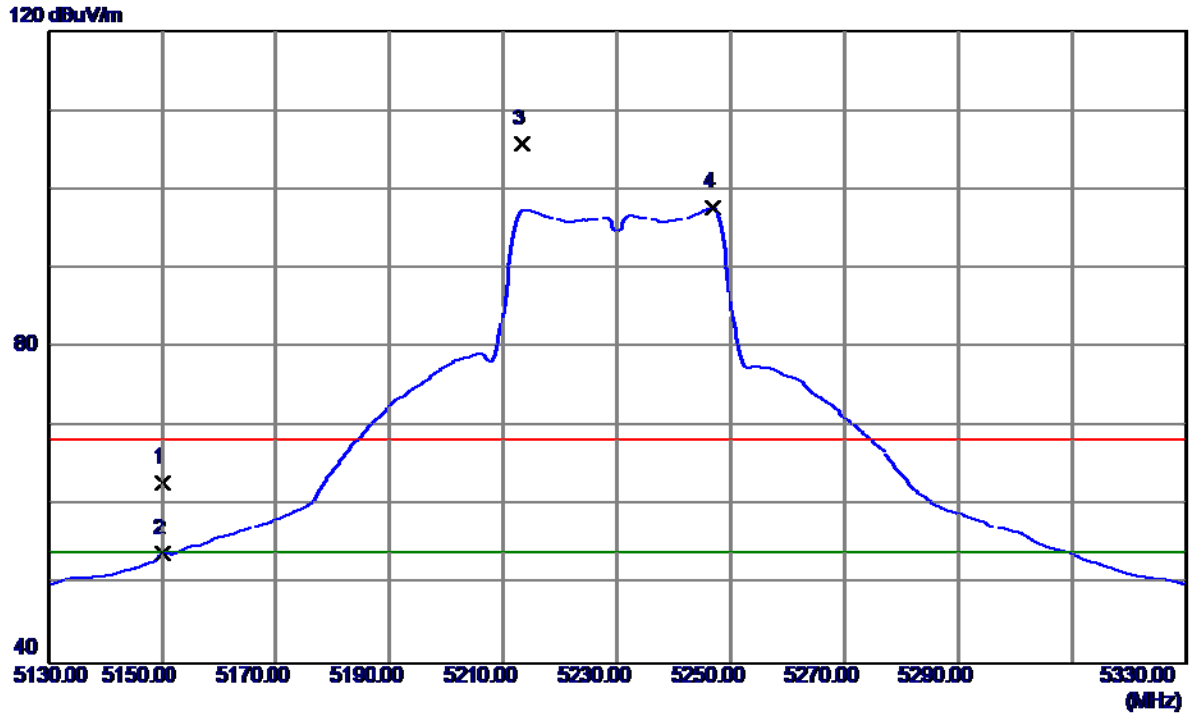
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.4600	42.86	15.01	57.87	68.30	-10.43	Peak	
2 *	10379.5900	31.50	15.01	46.51	54.00	-7.49	AVG	

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

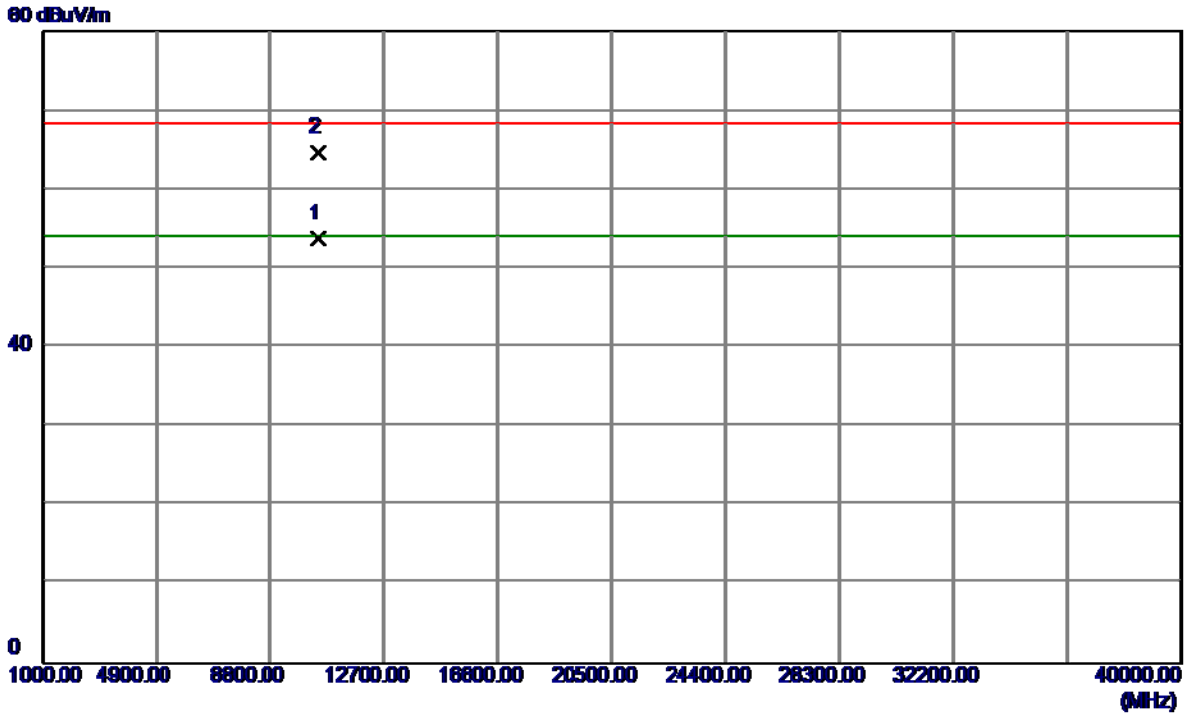
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.19	40.62	62.81	68.30	-5.49	Peak	
2	5150.0000	13.25	40.62	53.87	54.00	-0.13	AVG	
3	5213.4000	64.98	40.83	105.81	68.30	37.51	Peak	NO LIMIT
4 *	5246.8000	56.75	40.94	97.69	54.00	43.69	AVG	NO LIMIT

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

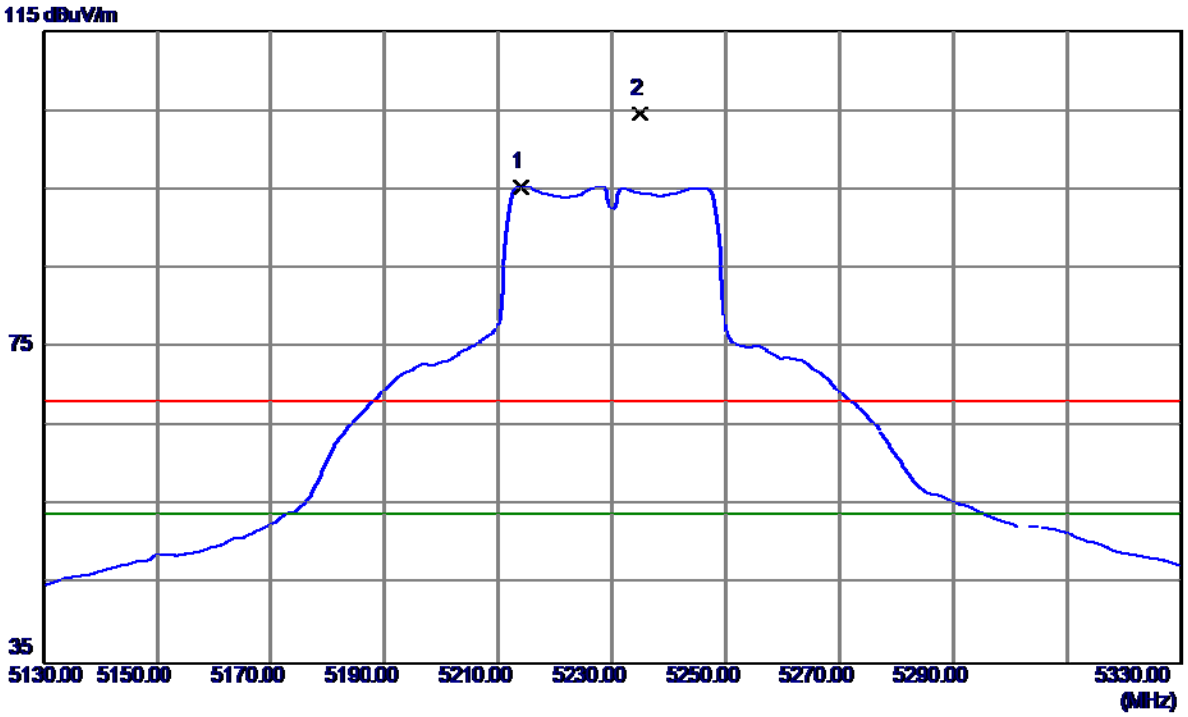
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10459.9300	38.63	15.20	53.83	54.00	-0.17	AVG	
2	10460.5000	49.46	15.20	64.66	68.30	-3.64	Peak	

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

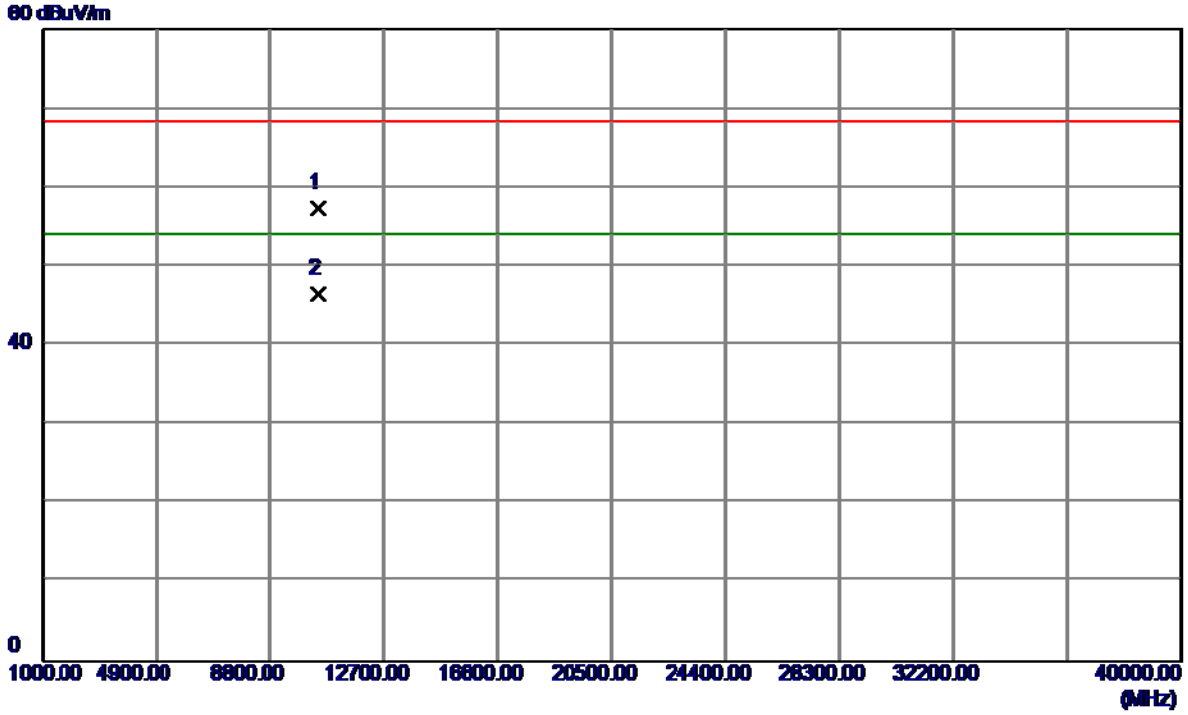
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5214.0000	54.54	40.84	95.38	54.00	41.38	AVG	NO LIMIT
2	5234.8000	63.64	40.90	104.54	68.30	36.24	Peak	NO LIMIT

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

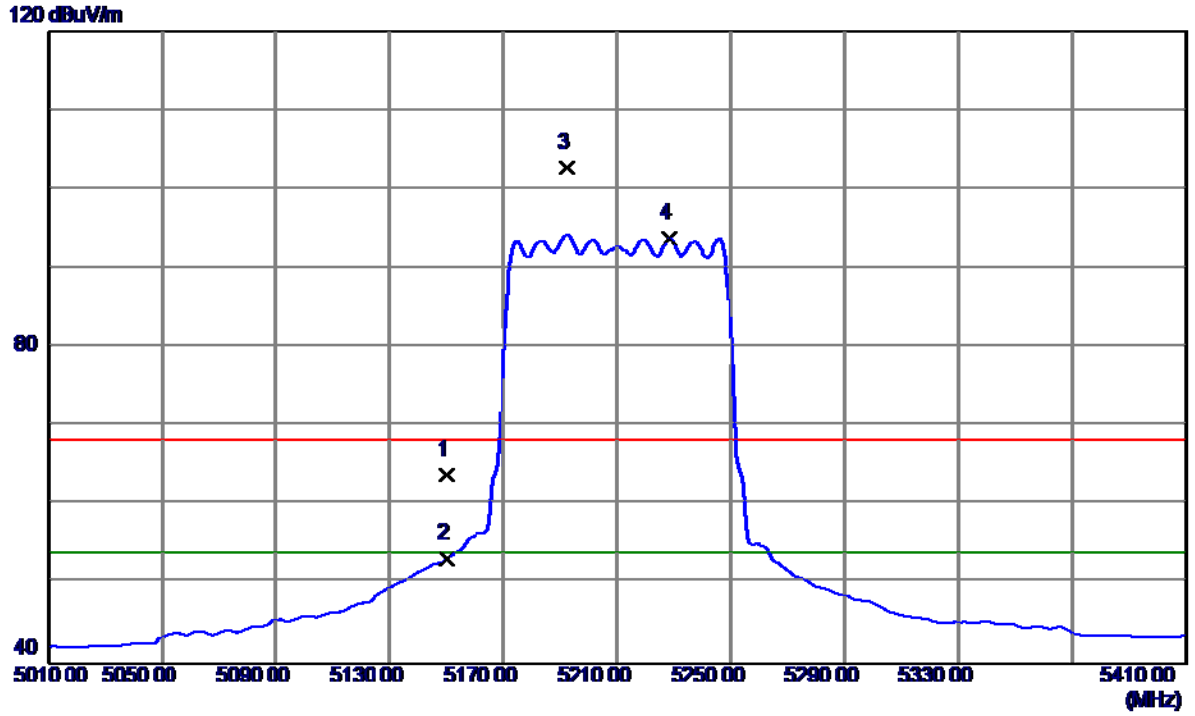
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.0900	42.26	15.20	57.46	68.30	-10.84	Peak	
2 *	10461.2900	31.38	15.20	46.58	54.00	-7.42	AVG	

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

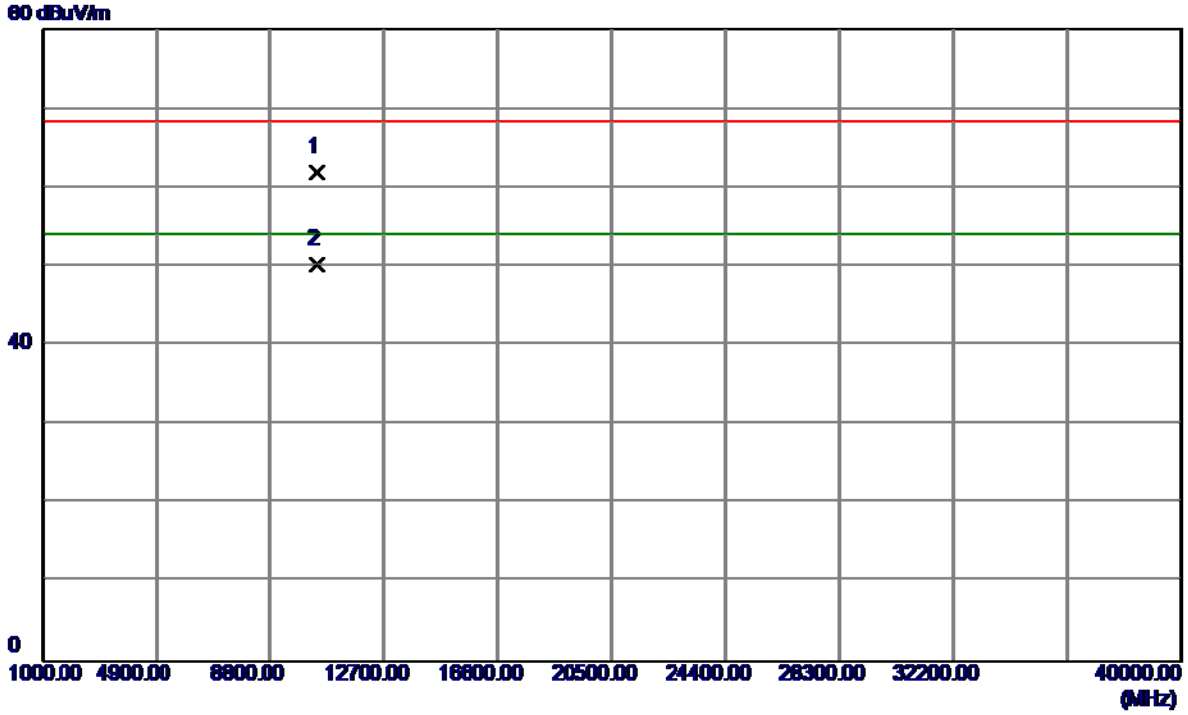
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.15	40.62	63.77	68.30	-4.53	Peak	
2	5150.0000	12.73	40.62	53.35	54.00	-0.65	AVG	
3	5192.4000	61.95	40.76	102.71	68.30	34.41	Peak	NO LIMIT
4 *	5228.4000	52.88	40.88	93.76	54.00	39.76	AVG	NO LIMIT

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

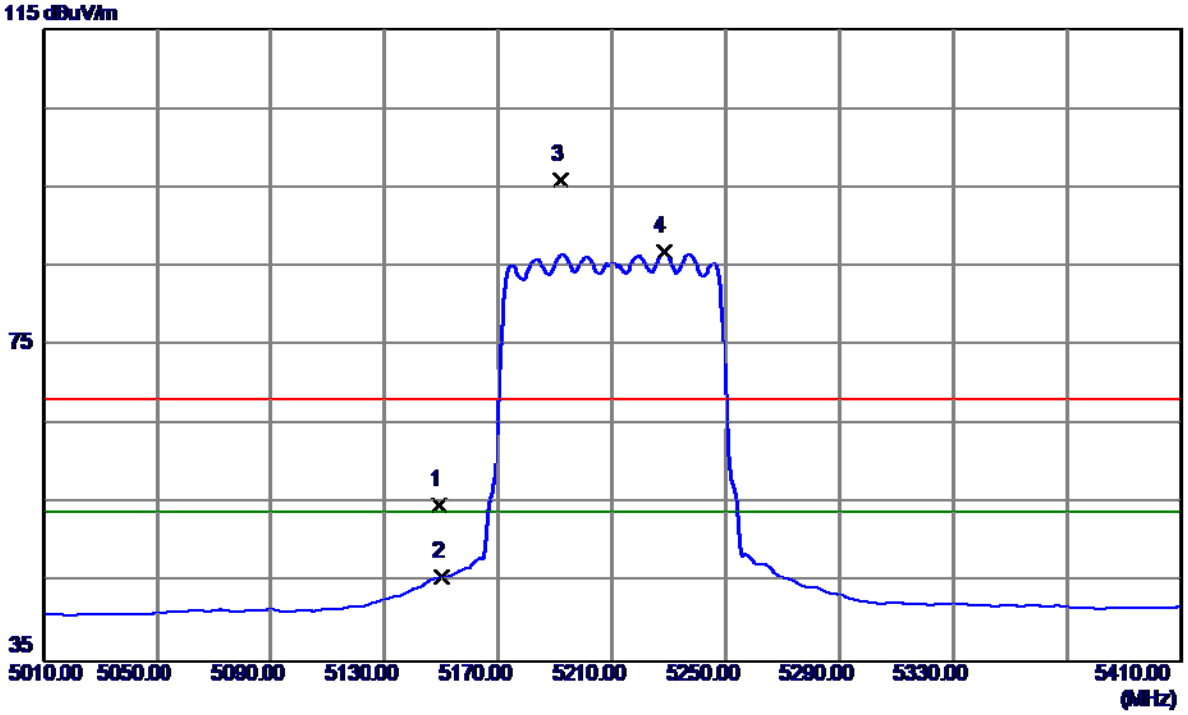
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10418.9300	46.74	15.10	61.84	68.30	-6.46	Peak	
2 *	10420.0100	35.10	15.10	50.20	54.00	-3.80	AVG	

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

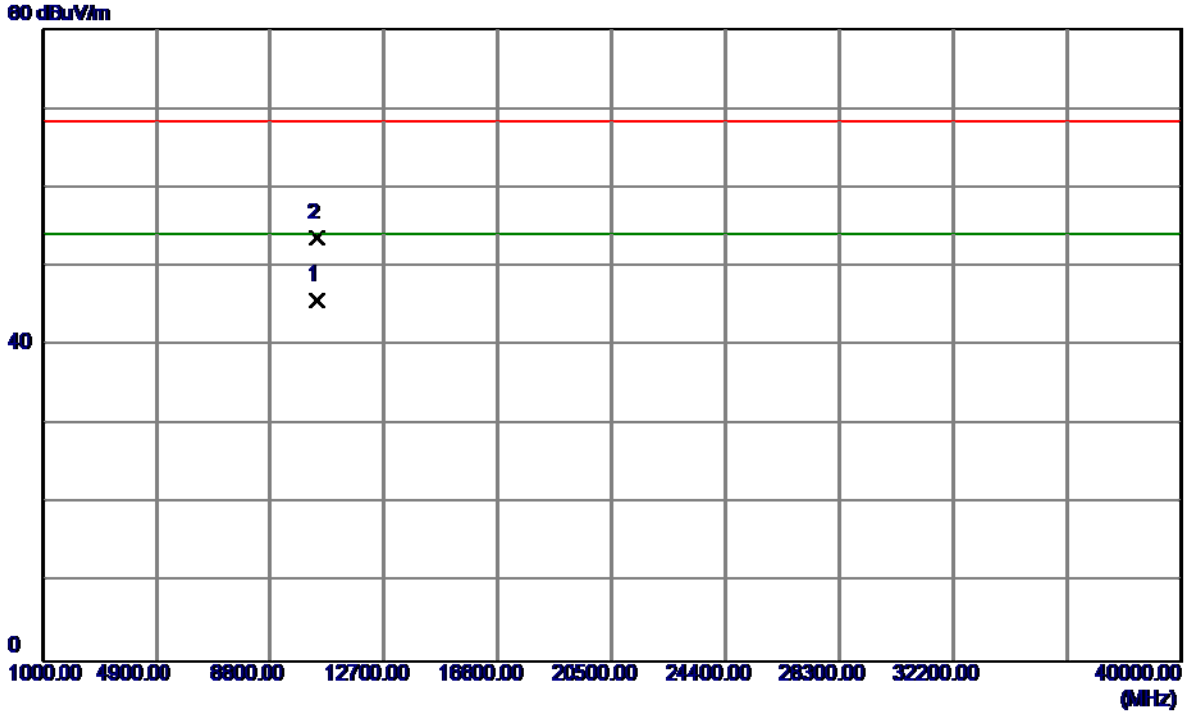
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.2000	14.29	40.62	54.91	68.30	-13.39	Peak	
2	5150.0000	5.07	40.62	45.69	54.00	-8.31	AVG	
3	5191.6000	55.14	40.76	95.90	68.30	27.60	Peak	NO LIMIT
4 *	5228.0000	45.97	40.88	86.85	54.00	32.85	AVG	NO LIMIT

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

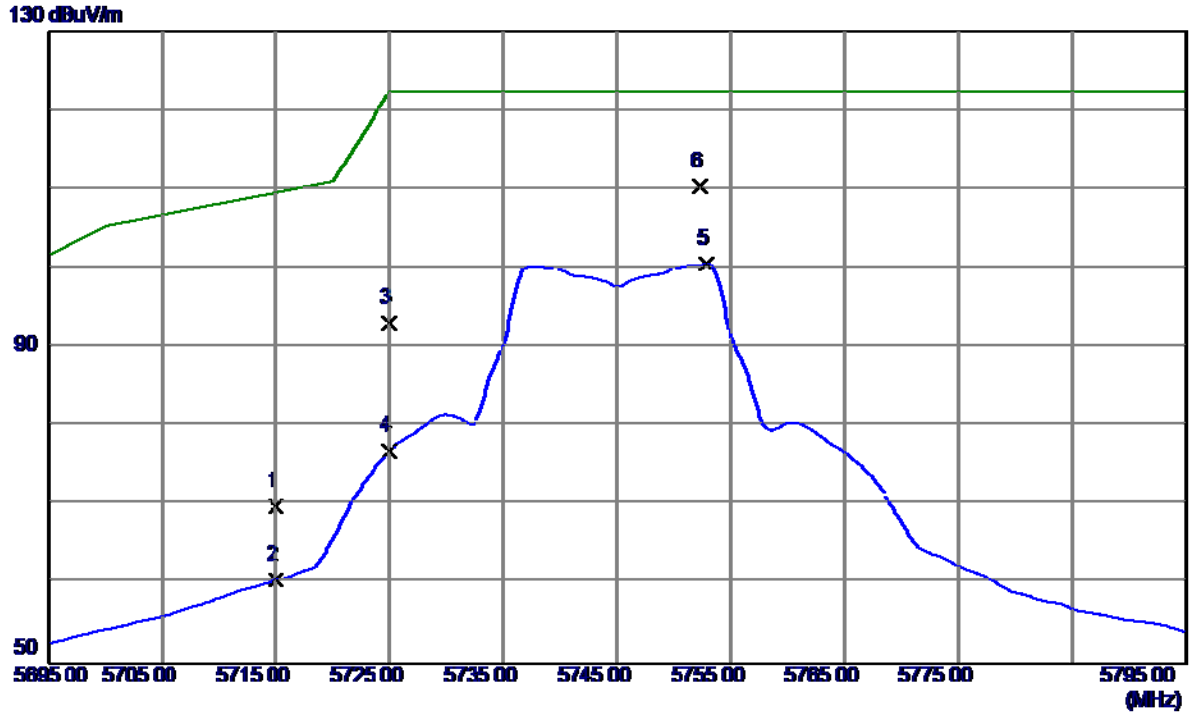
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.8000	30.65	15.10	45.75	54.00	-8.25	AVG	
2	10421.2000	38.44	15.11	53.55	68.30	-14.75	Peak	

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

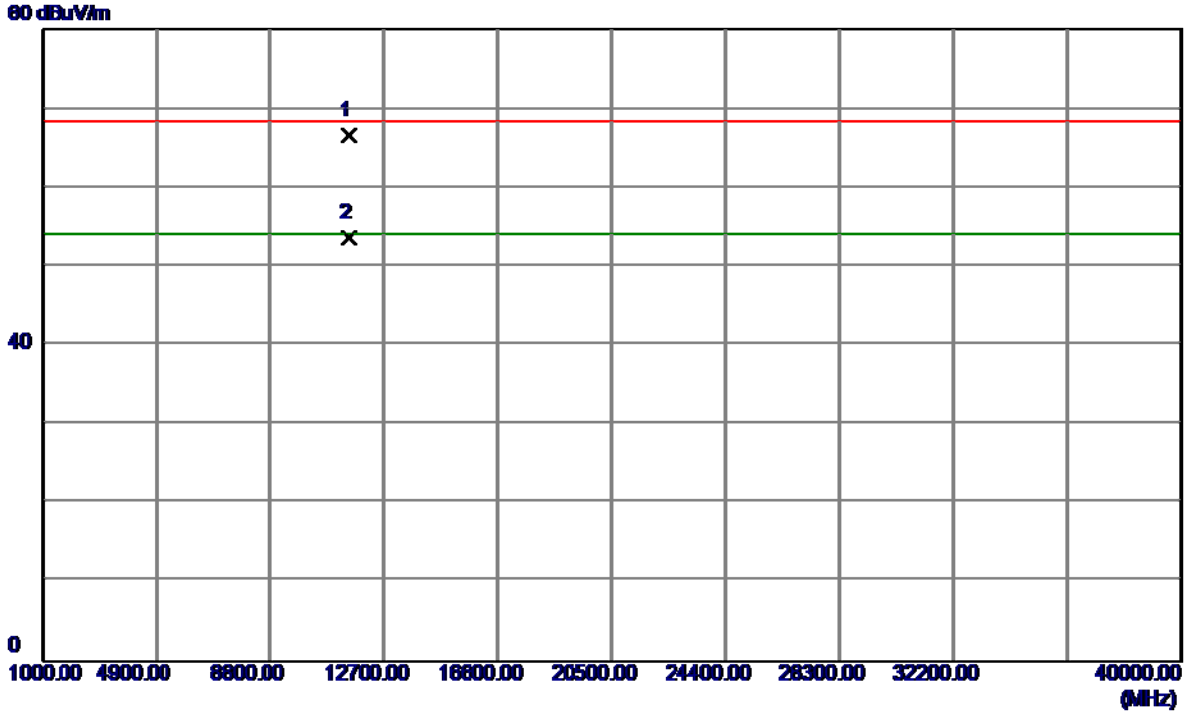
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	27.30	42.55	69.85	109.50	-39.65	Peak	
2	5715.0000	17.98	42.55	60.53	109.50	-48.97	AVG	
3	5725.0000	50.40	42.58	92.98	122.30	-29.32	Peak	
4	5725.0000	34.25	42.58	76.83	122.30	-45.47	AVG	
5	5752.9000	57.86	42.68	100.54	122.30	-21.76	AVG	
6 *	5752.3000	67.57	42.68	110.25	122.30	-12.05	Peak	

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

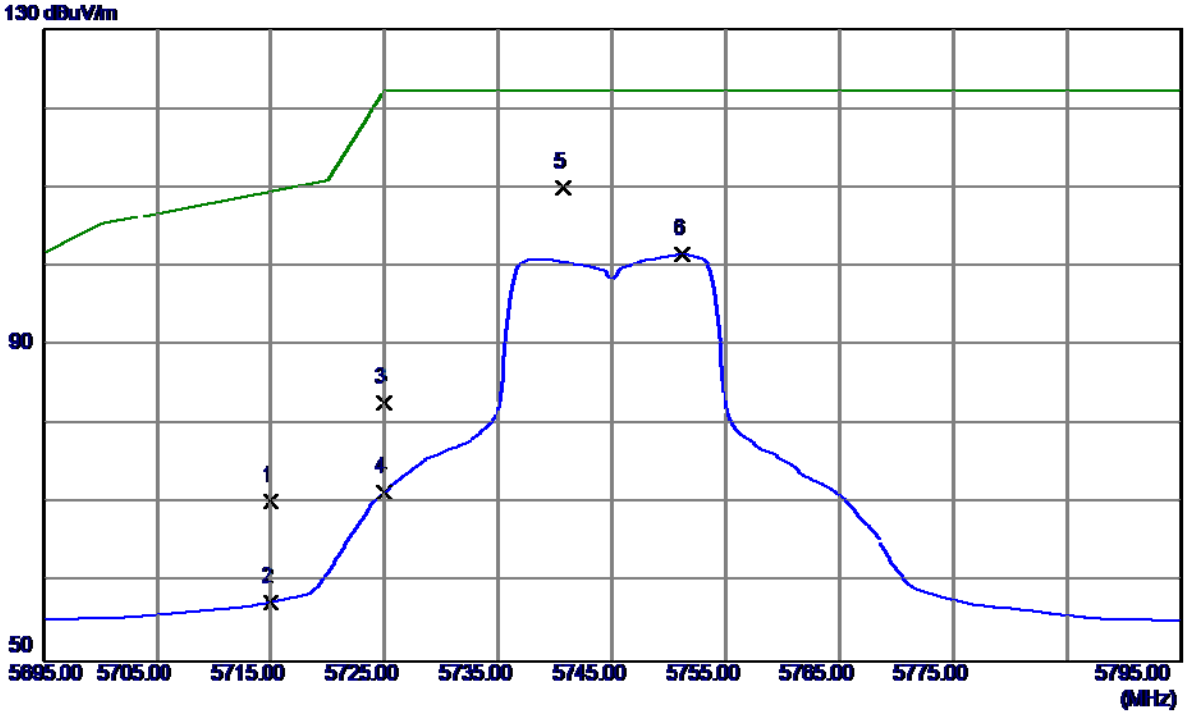
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.7900	51.01	15.49	66.50	68.30	-1.80	Peak	
2 *	11489.9000	38.11	15.49	53.60	54.00	-0.40	AVG	

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

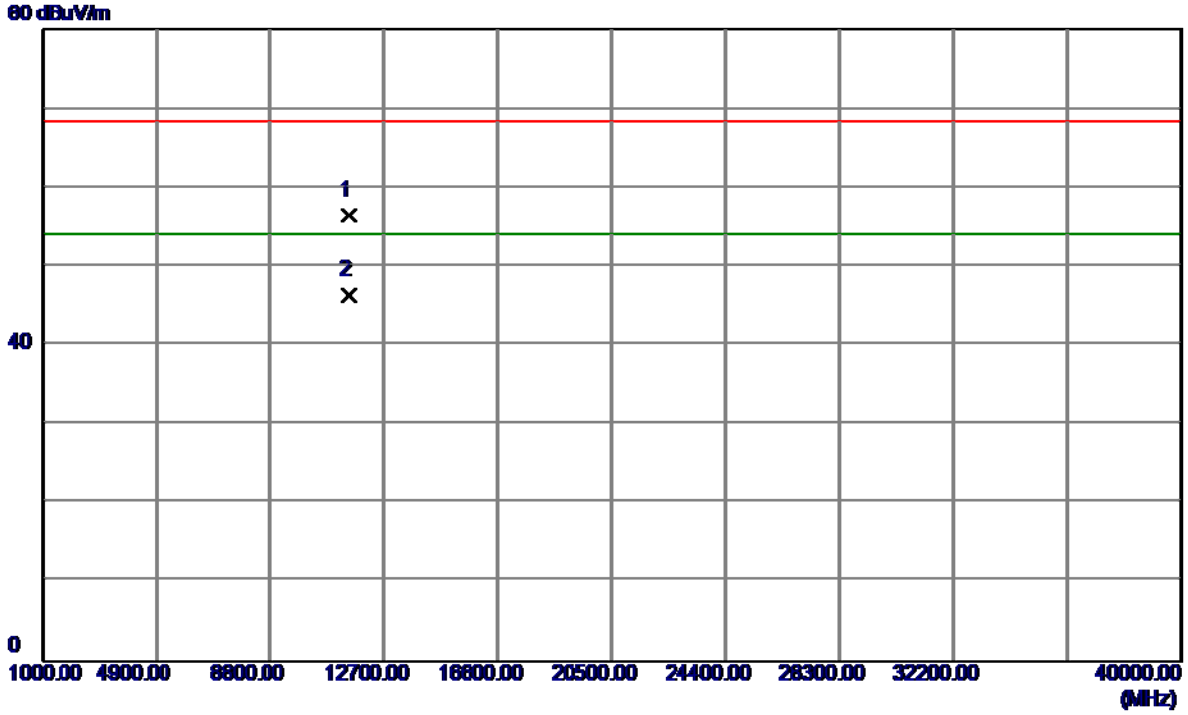
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	27.80	42.55	70.35	109.50	-39.15	Peak	
2	5715.0000	15.02	42.55	57.57	109.50	-51.93	AVG	
3	5725.0000	40.20	42.58	82.78	122.30	-39.52	Peak	
4	5725.0000	28.81	42.58	71.39	122.30	-50.91	AVG	
5 *	5740.7000	67.32	42.64	109.96	122.30	-12.34	Peak	
6	5751.2000	58.83	42.67	101.50	122.30	-20.80	AVG	

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

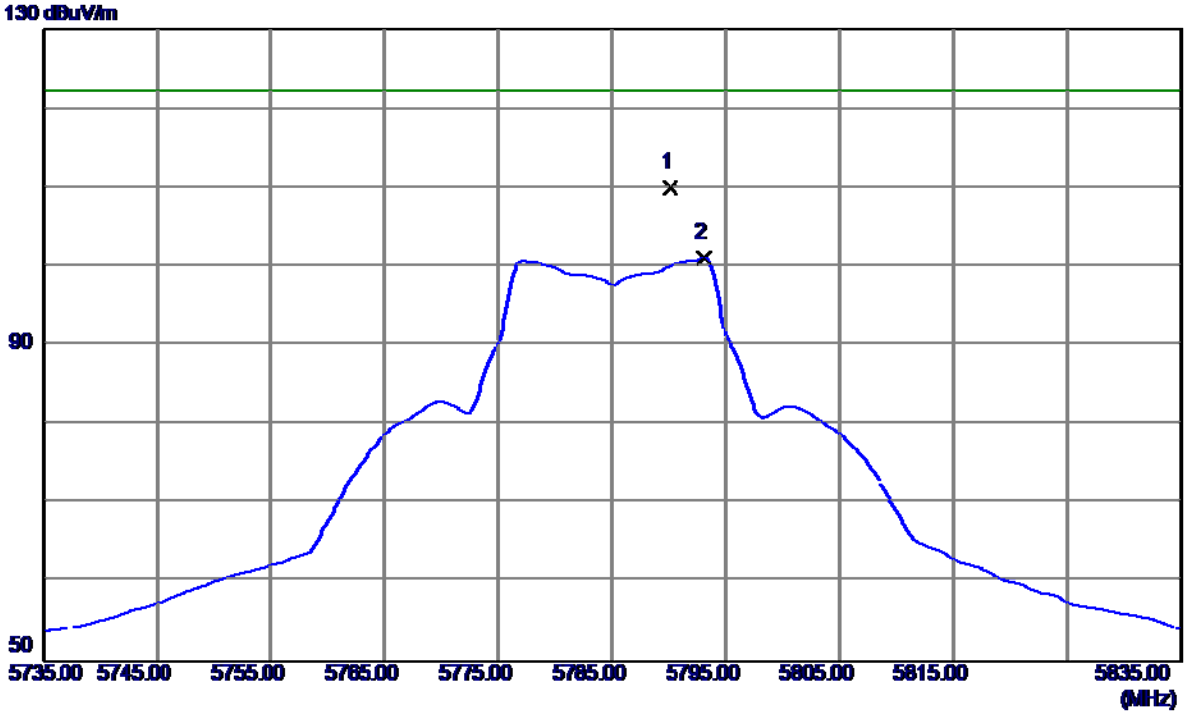
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.7699	41.04	15.49	56.53	68.30	-11.77	Peak	
2 *	11490.1100	30.96	15.49	46.45	54.00	-7.55	AVG	

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

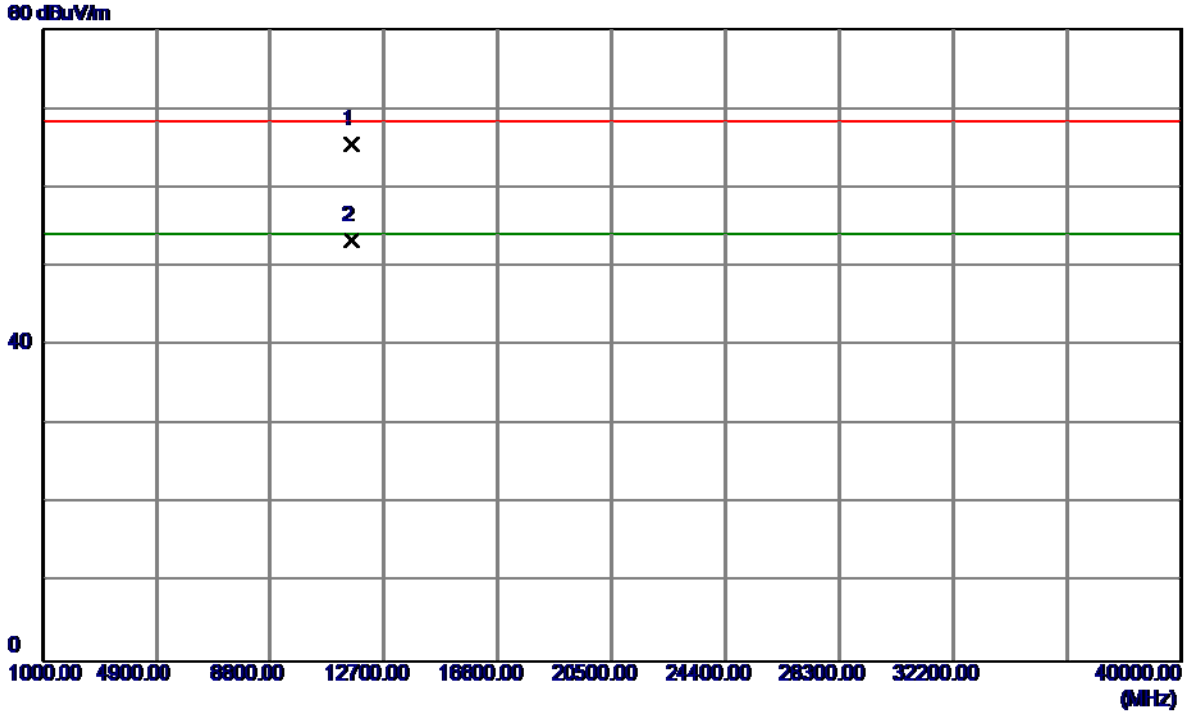
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5790.1000	67.20	42.81	110.01	122.30	-12.29	Peak	
2	5793.1000	58.24	42.82	101.06	122.30	-21.24	AVG	

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

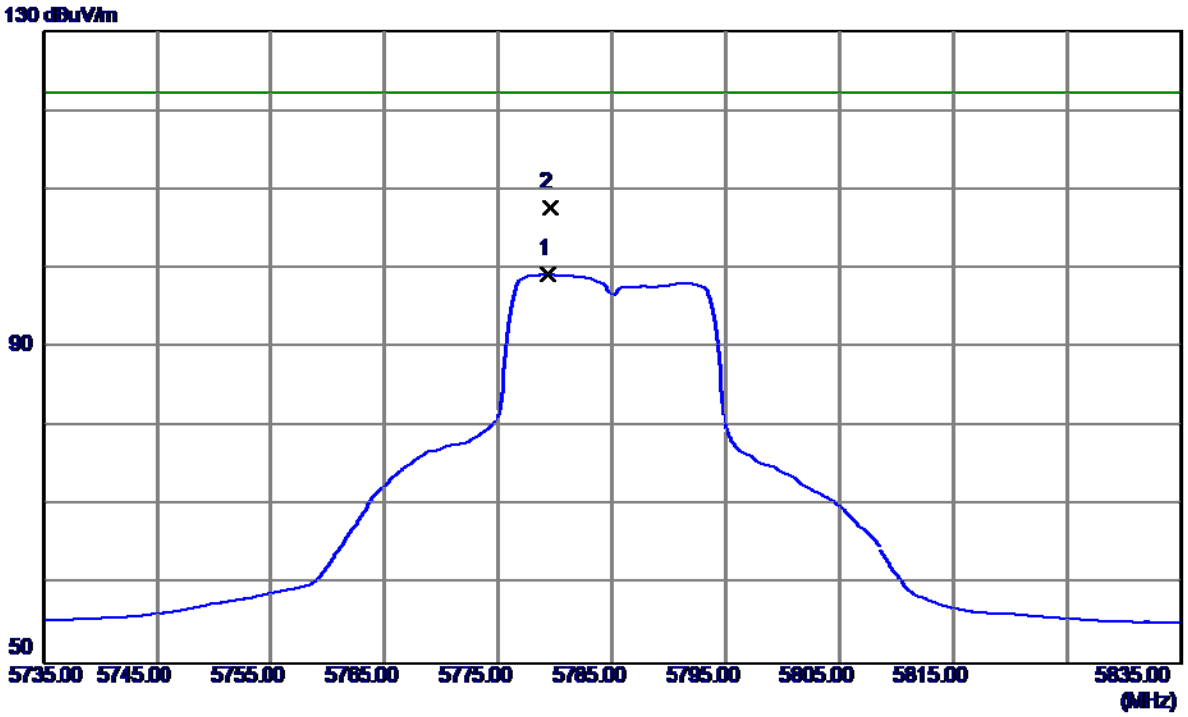
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.6400	50.03	15.48	65.51	68.30	-2.79	Peak	
2 *	11569.9600	37.73	15.48	53.21	54.00	-0.79	AVG	

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

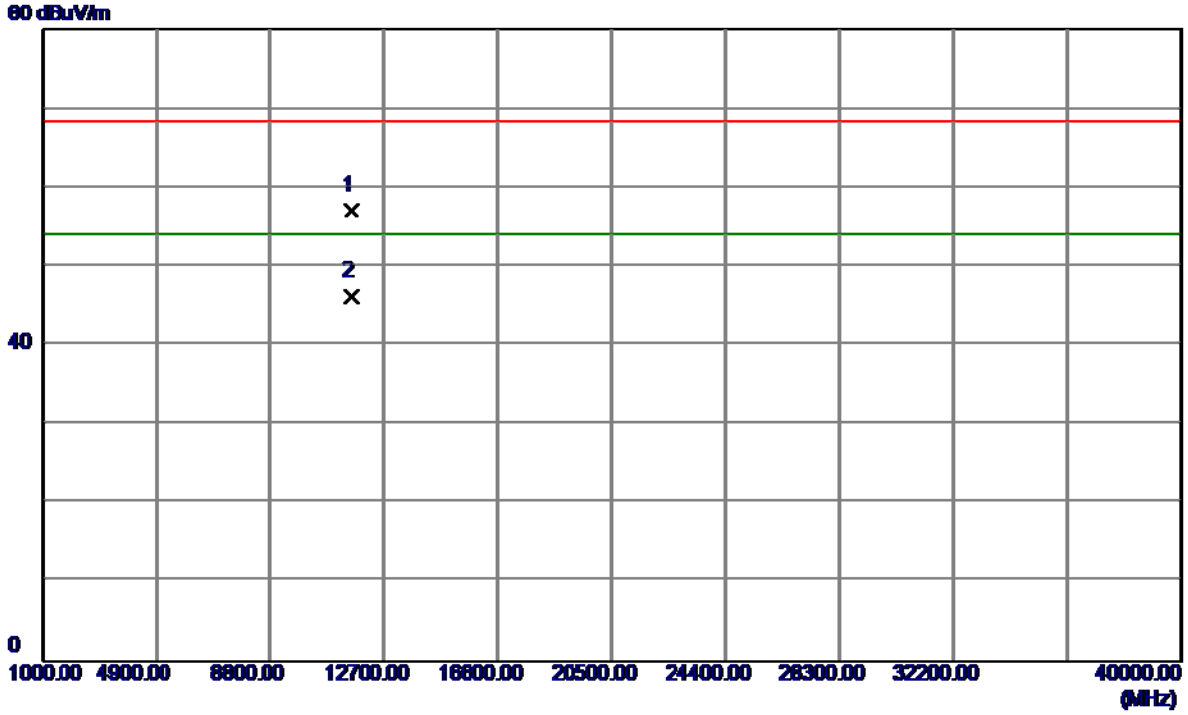
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5779.3000	56.51	42.77	99.28	122.30	-23.02	AVG	
2 *	5779.5000	65.06	42.77	107.83	122.30	-14.47	Peak	

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

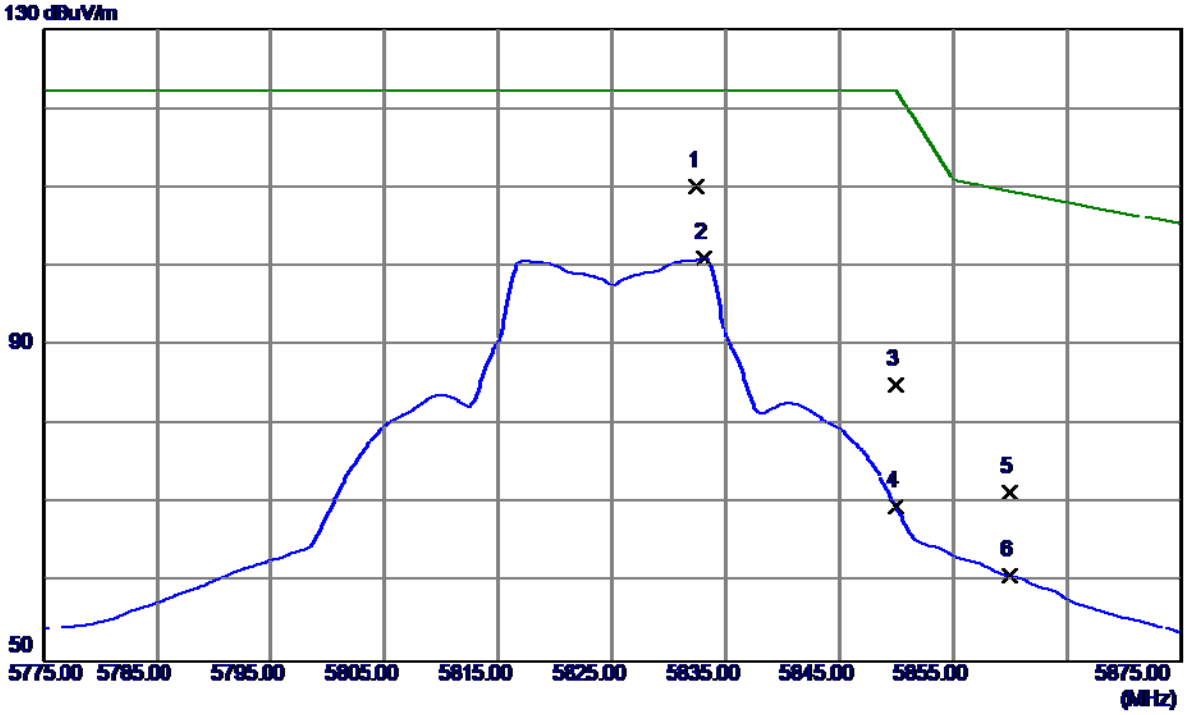
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11572.0900	41.62	15.48	57.10	68.30	-11.20	Peak	
2 *	11570.2699	30.79	15.48	46.27	54.00	-7.73	AVG	

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

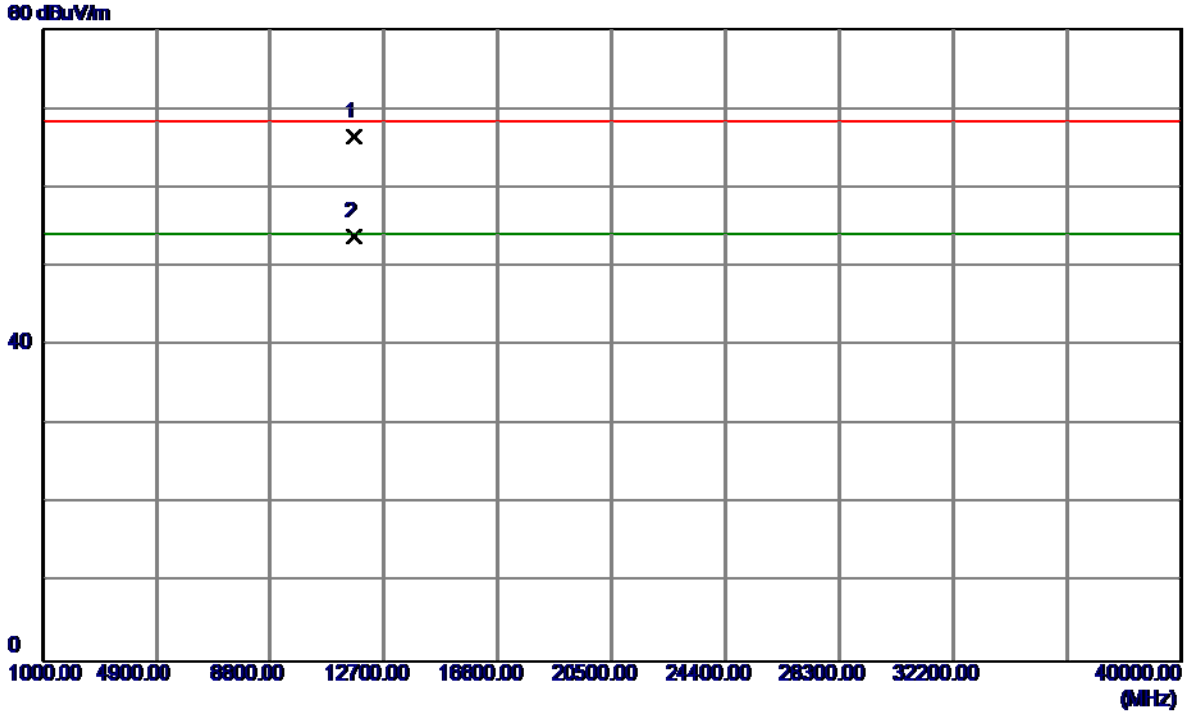
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5832.5000	67.19	42.96	110.15	122.30	-12.15	Peak	
2	5833.1000	58.06	42.97	101.03	122.30	-21.27	AVG	
3	5850.0000	41.98	43.03	85.01	122.30	-37.29	Peak	
4	5850.0000	26.61	43.03	69.64	122.30	-52.66	AVG	
5	5860.0000	28.37	43.06	71.43	109.50	-38.07	Peak	
6	5860.0000	17.75	43.06	60.81	109.50	-48.69	AVG	

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

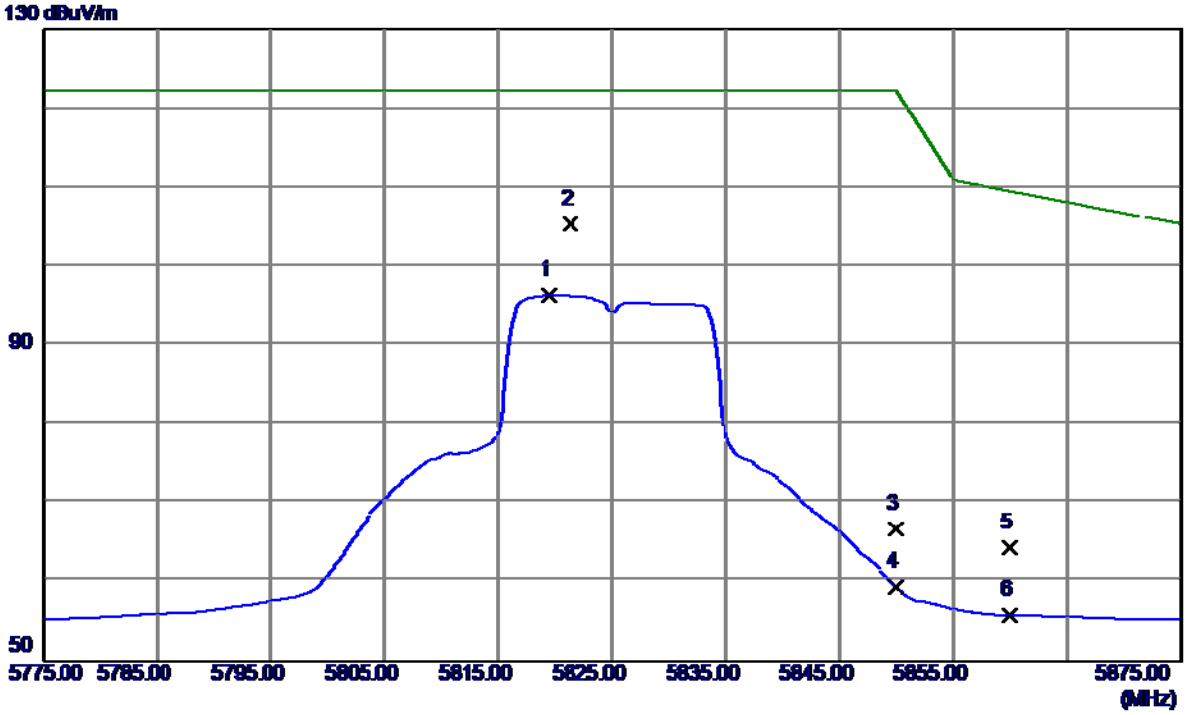
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.9400	50.90	15.48	66.38	68.30	-1.92	Peak	
2 *	11649.9300	38.24	15.48	53.72	54.00	-0.28	AVG	

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

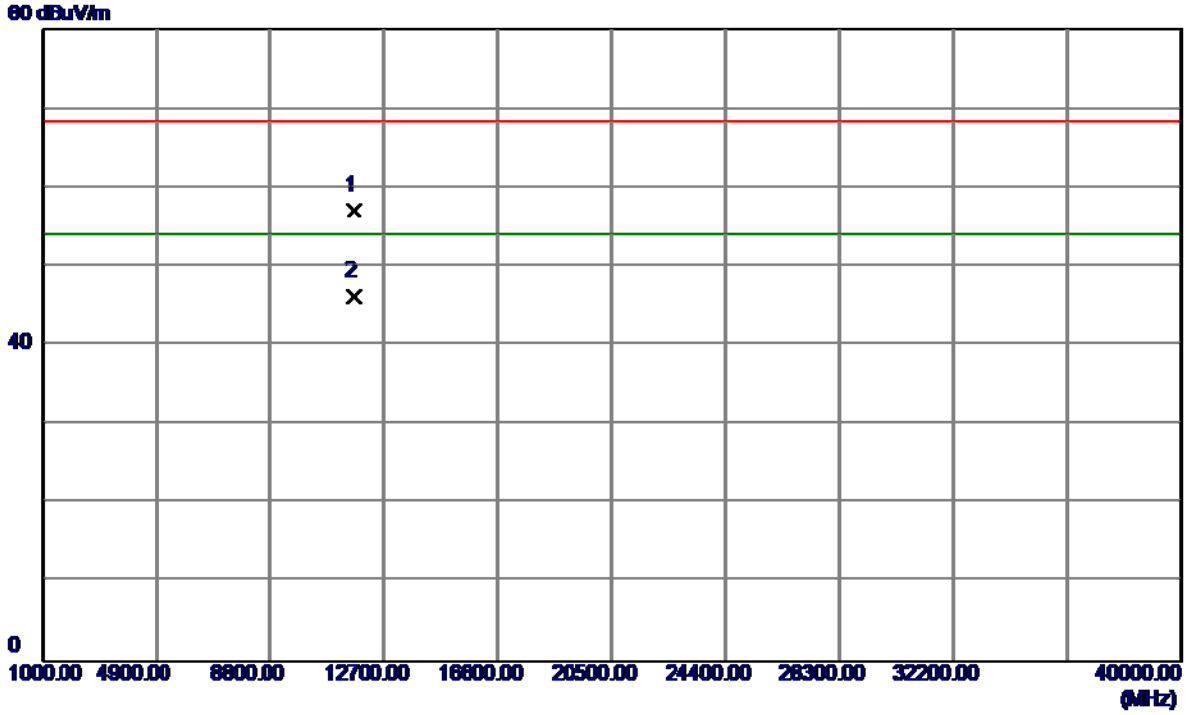
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5819.4000	53.51	42.92	96.43	122.30	-25.87	AVG	
2 *	5821.3000	62.38	42.92	105.30	122.30	-17.00	Peak	
3	5850.0000	23.79	43.03	66.82	122.30	-55.48	Peak	
4	5850.0000	16.37	43.03	59.40	122.30	-62.90	AVG	
5	5860.0000	21.32	43.06	64.38	109.50	-45.12	Peak	
6	5860.0000	12.88	43.06	55.94	109.50	-53.56	AVG	

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

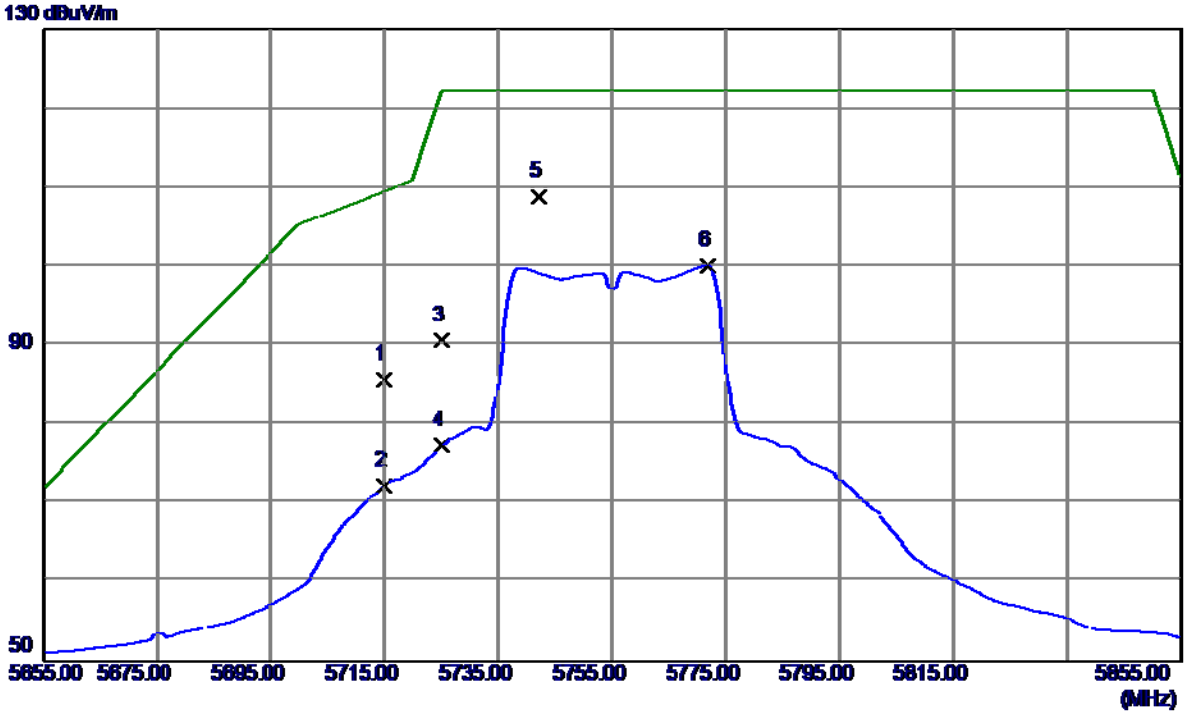
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.1200	41.62	15.48	57.10	68.30	-11.20	Peak	
2 *	11651.8800	30.79	15.48	46.27	54.00	-7.73	AVG	

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

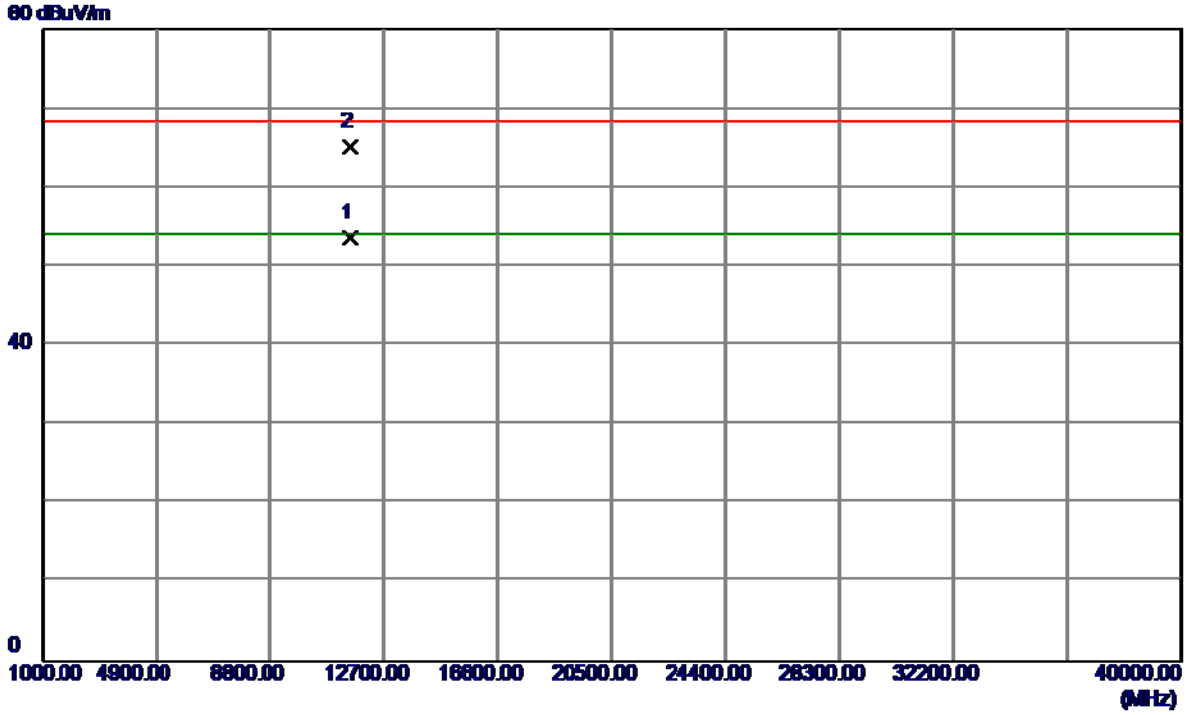
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	43.10	42.55	85.65	109.50	-23.85	Peak	
2	5715.0000	29.77	42.55	72.32	109.50	-37.18	AVG	
3	5725.0000	48.05	42.58	90.63	122.30	-31.67	Peak	
4	5725.0000	34.73	42.58	77.31	122.30	-44.99	AVG	
5 *	5742.2000	66.20	42.64	108.84	122.30	-13.46	Peak	
6	5771.8000	57.37	42.75	100.12	122.30	-22.18	AVG	

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

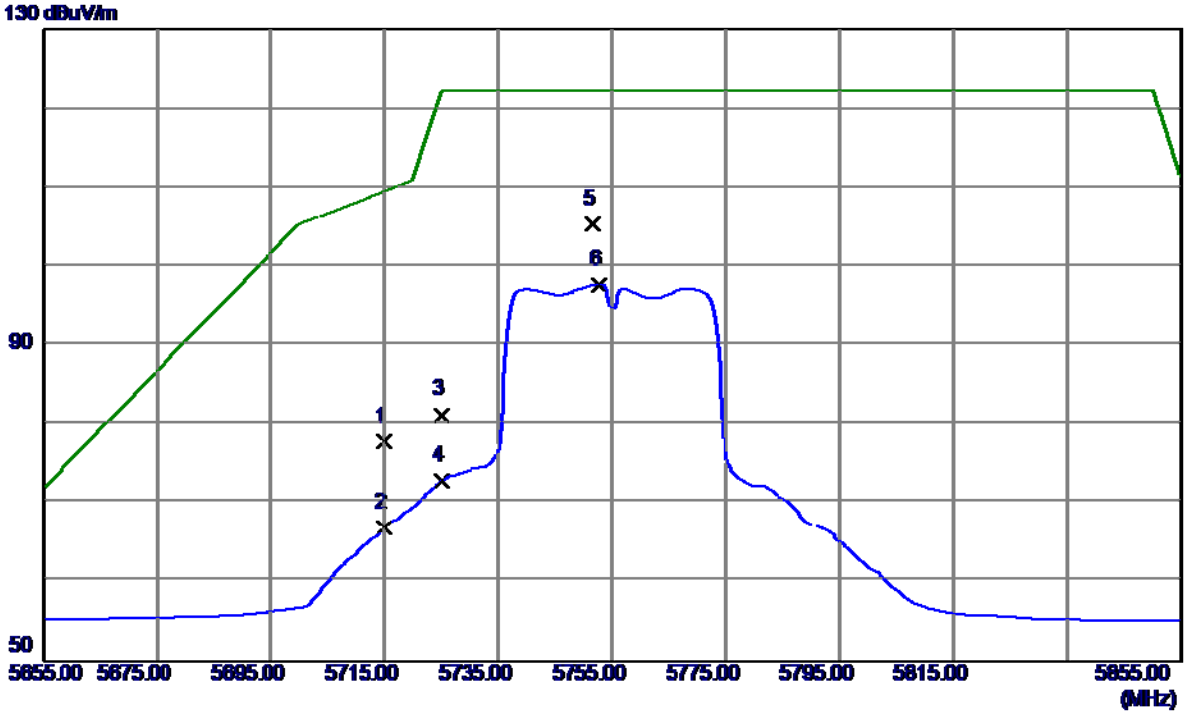
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.9700	38.18	15.48	53.66	54.00	-0.34	AVG	
2	11510.4300	49.62	15.48	65.10	68.30	-3.20	Peak	

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

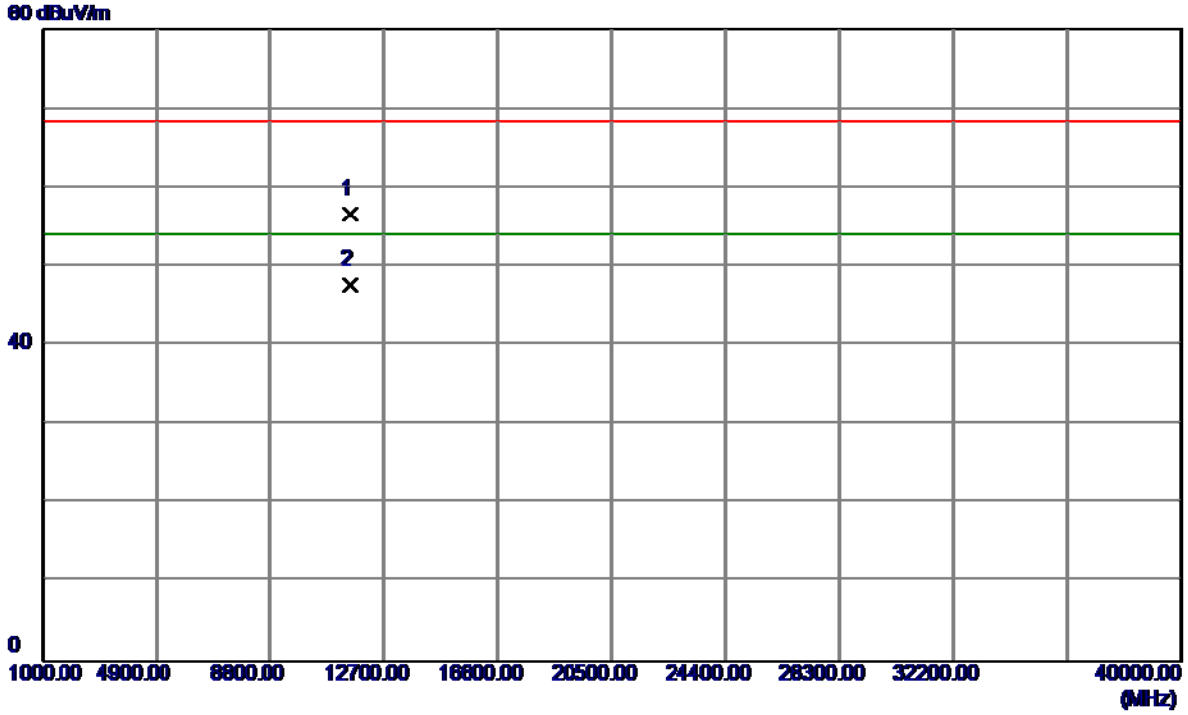
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	35.32	42.55	77.87	109.50	-31.63	Peak	
2	5715.0000	24.45	42.55	67.00	109.50	-42.50	AVG	
3	5725.0000	38.70	42.58	81.28	122.30	-41.02	Peak	
4	5725.0000	30.33	42.58	72.91	122.30	-49.39	AVG	
5 *	5751.6000	62.73	42.68	105.41	122.30	-16.89	Peak	
6	5752.8000	55.05	42.68	97.73	122.30	-24.57	AVG	

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

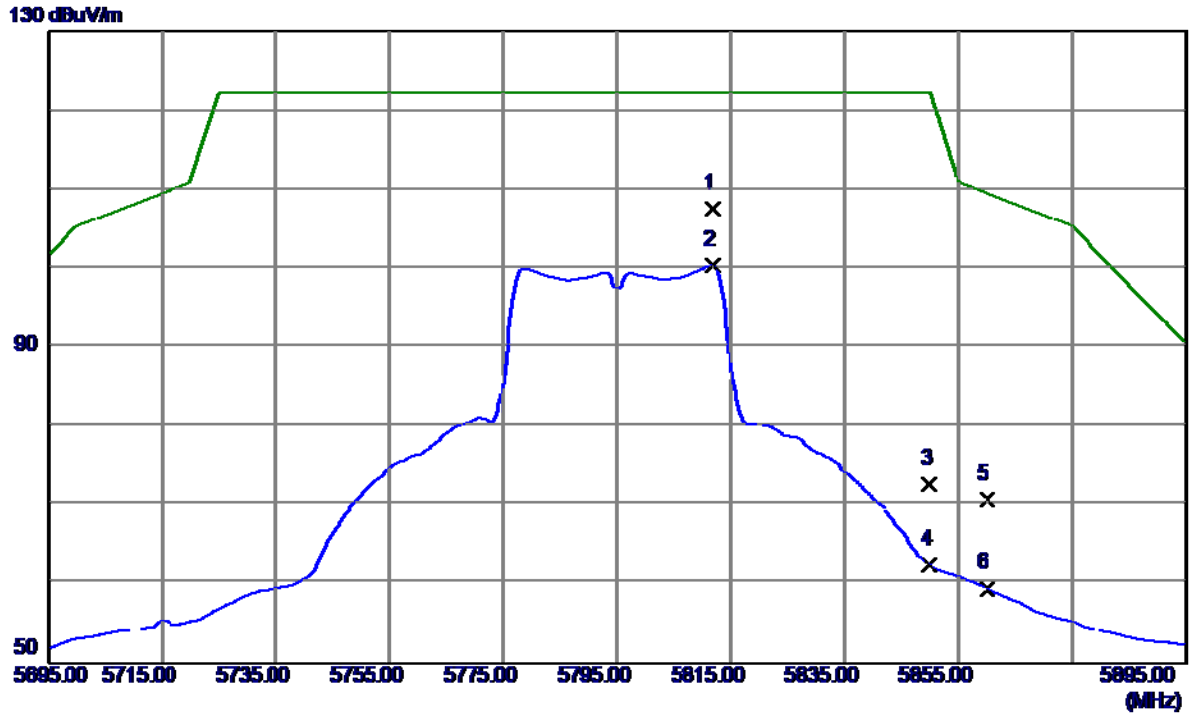
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.0900	41.12	15.48	56.60	68.30	-11.70	Peak	
2 *	11511.2500	32.27	15.48	47.75	54.00	-6.25	AVG	

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

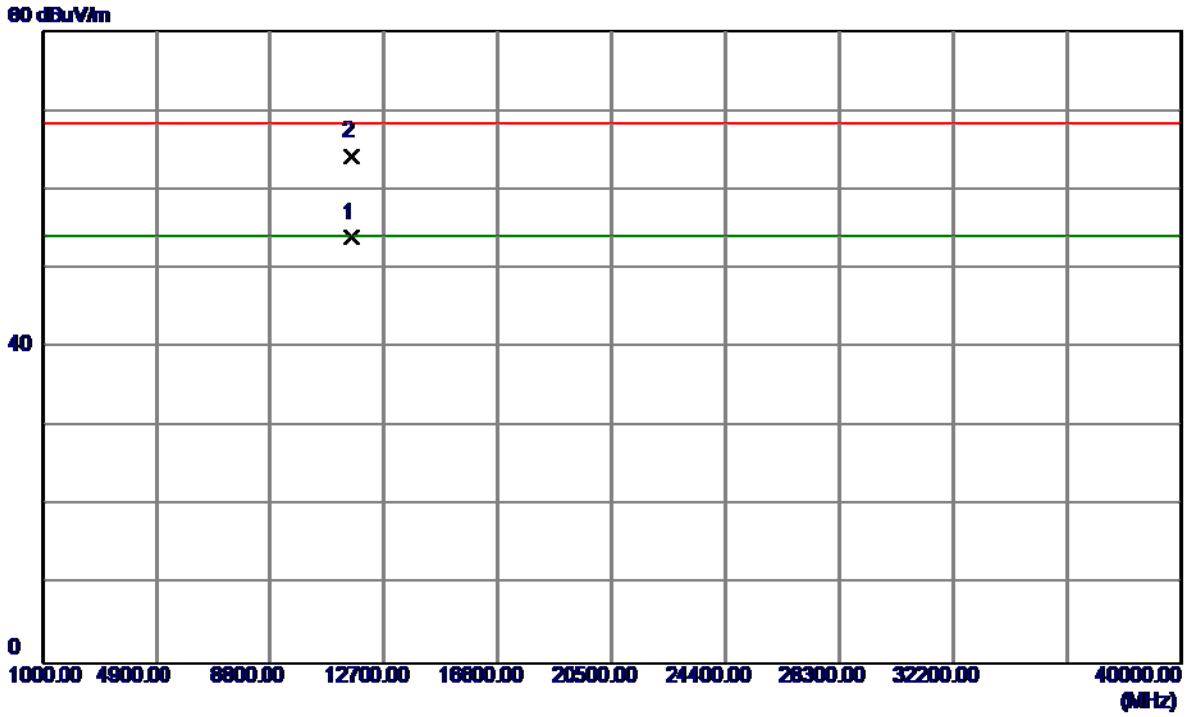
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5811.8000	64.77	42.89	107.66	122.30	-14.64	Peak	
2	5811.8000	57.48	42.89	100.37	122.30	-21.93	AVG	
3	5850.0000	29.65	43.03	72.68	122.30	-49.62	Peak	
4	5850.0000	19.43	43.03	62.46	122.30	-59.84	AVG	
5	5860.0000	27.71	43.06	70.77	109.50	-38.73	Peak	
6	5860.0000	16.46	43.06	59.52	109.50	-49.98	AVG	

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

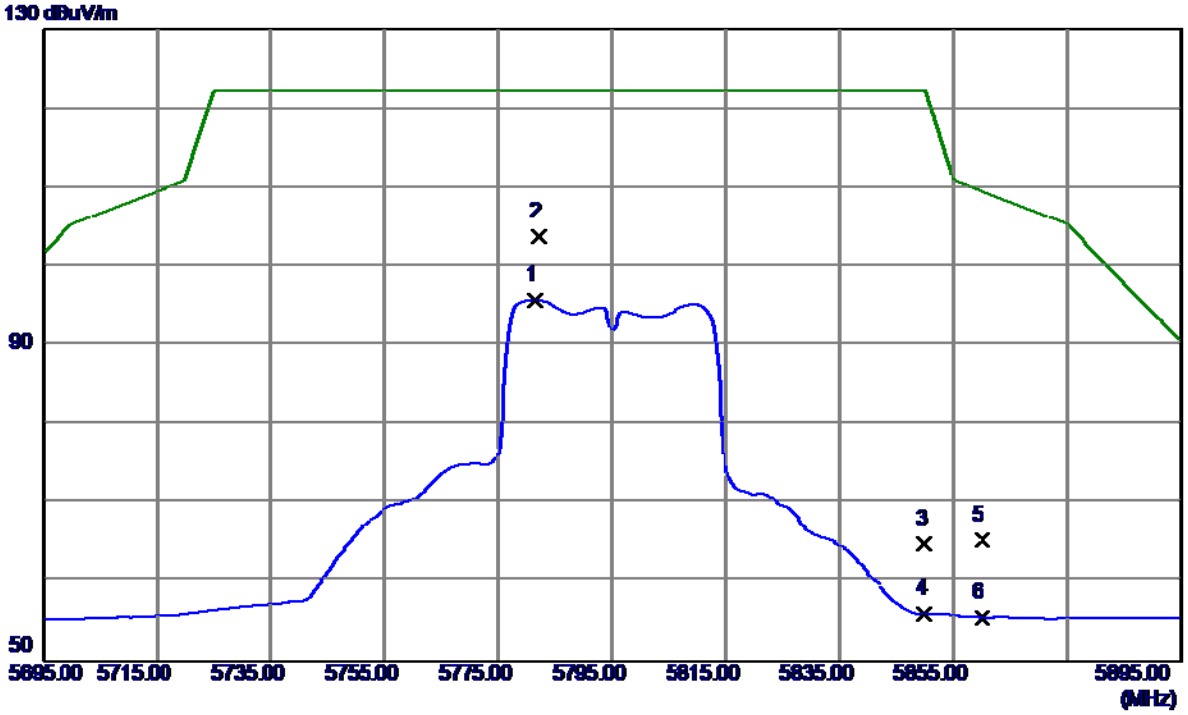
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11589.9400	38.41	15.48	53.89	54.00	-0.11	AVG	
2	11590.1800	48.74	15.48	64.22	68.30	-4.08	Peak	

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

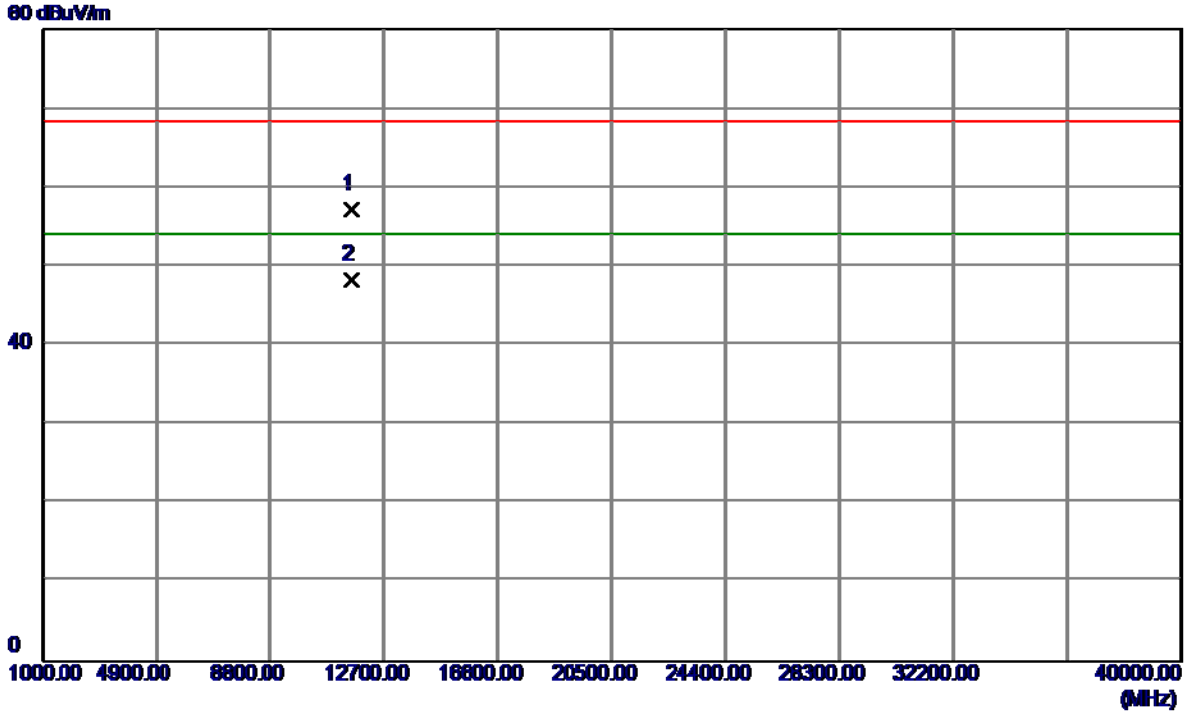
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5781.4000	53.03	42.78	95.81	122.30	-26.49	AVG	
2 *	5782.2000	60.92	42.78	103.70	122.30	-18.60	Peak	
3	5850.0000	21.87	43.03	64.90	122.30	-57.40	Peak	
4	5850.0000	13.06	43.03	56.09	122.30	-66.21	AVG	
5	5860.0000	22.33	43.06	65.39	109.50	-44.11	Peak	
6	5860.0000	12.59	43.06	55.65	109.50	-53.85	AVG	

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

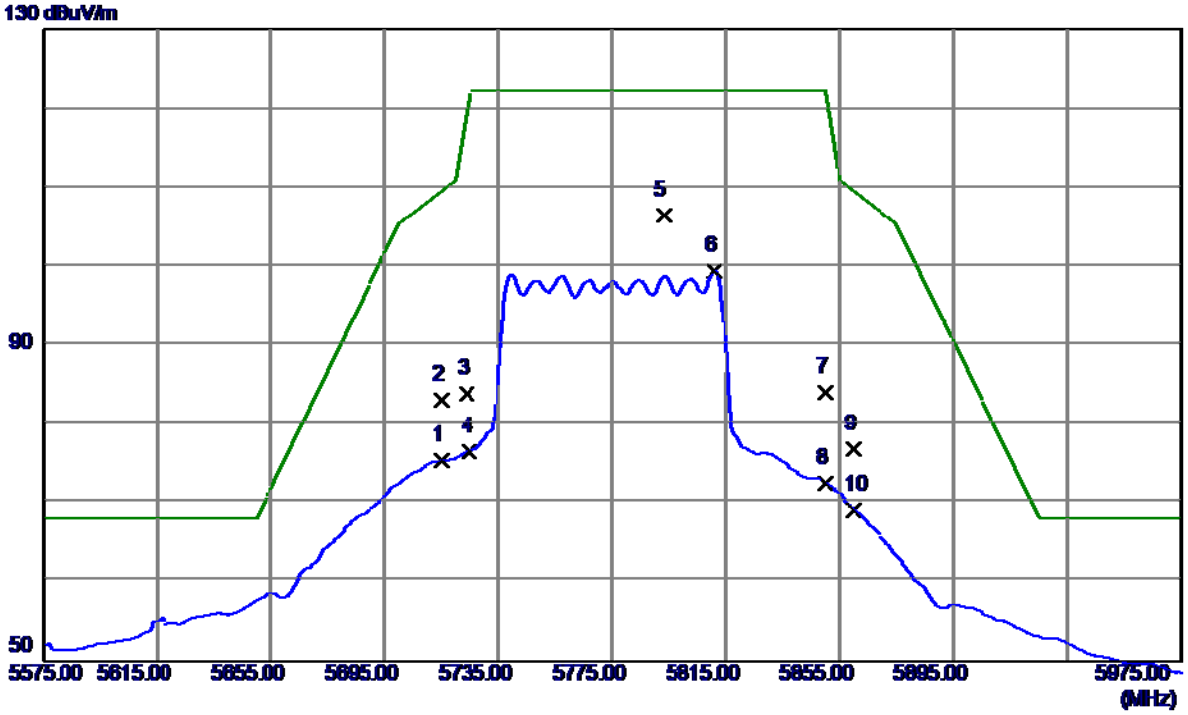
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.1200	41.74	15.48	57.22	68.30	-11.08	Peak	
2 *	11589.3600	32.81	15.48	48.29	54.00	-5.71	AVG	

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

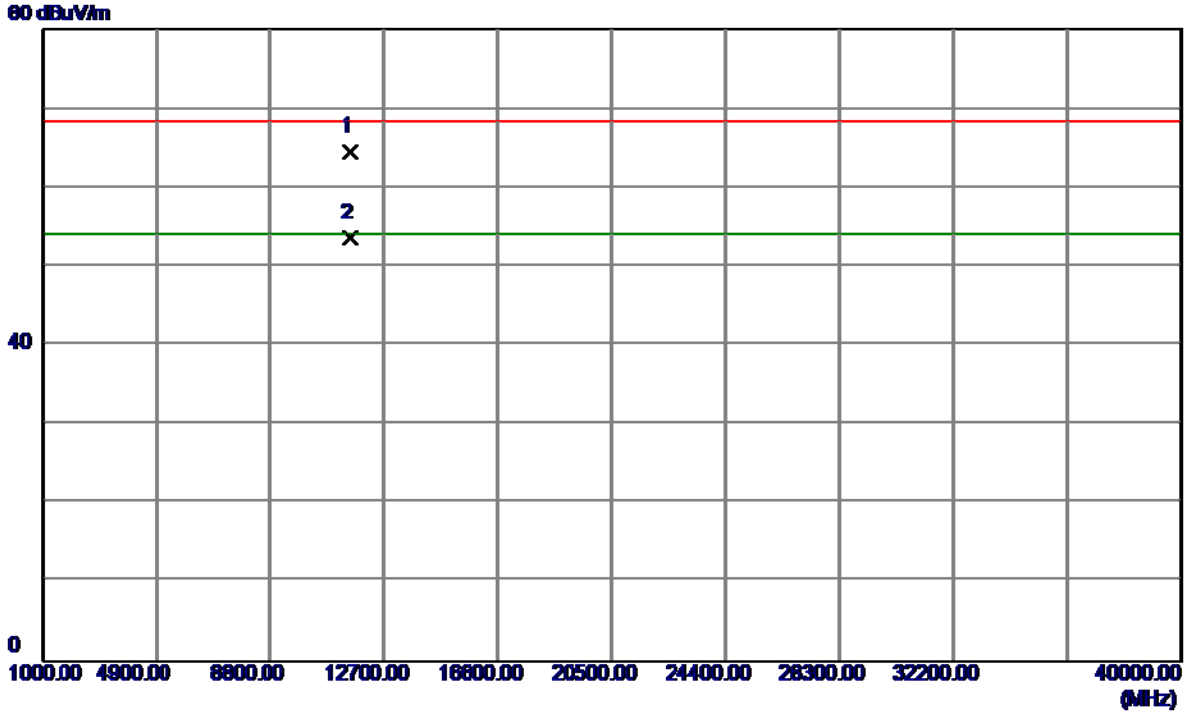
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	32.88	42.55	75.43	109.50	-34.07	Peak	
2	5715.0000	40.53	42.55	83.08	109.50	-26.42	Peak	
3	5724.0000	41.34	42.58	83.92	120.02	-36.10	Peak	
4	5725.0000	33.99	42.58	76.57	122.30	-45.73	AVG	
5 *	5793.0000	63.68	42.82	106.50	122.30	-15.80	Peak	
6	5811.0000	56.59	42.89	99.48	122.30	-22.82	AVG	
7	5850.0000	41.04	43.03	84.07	122.30	-38.23	Peak	
8	5850.0000	29.58	43.03	72.61	122.30	-49.69	AVG	
9	5860.0000	33.89	43.06	76.95	109.50	-32.55	Peak	
10	5860.0000	26.09	43.06	69.15	109.50	-40.35	AVG	

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

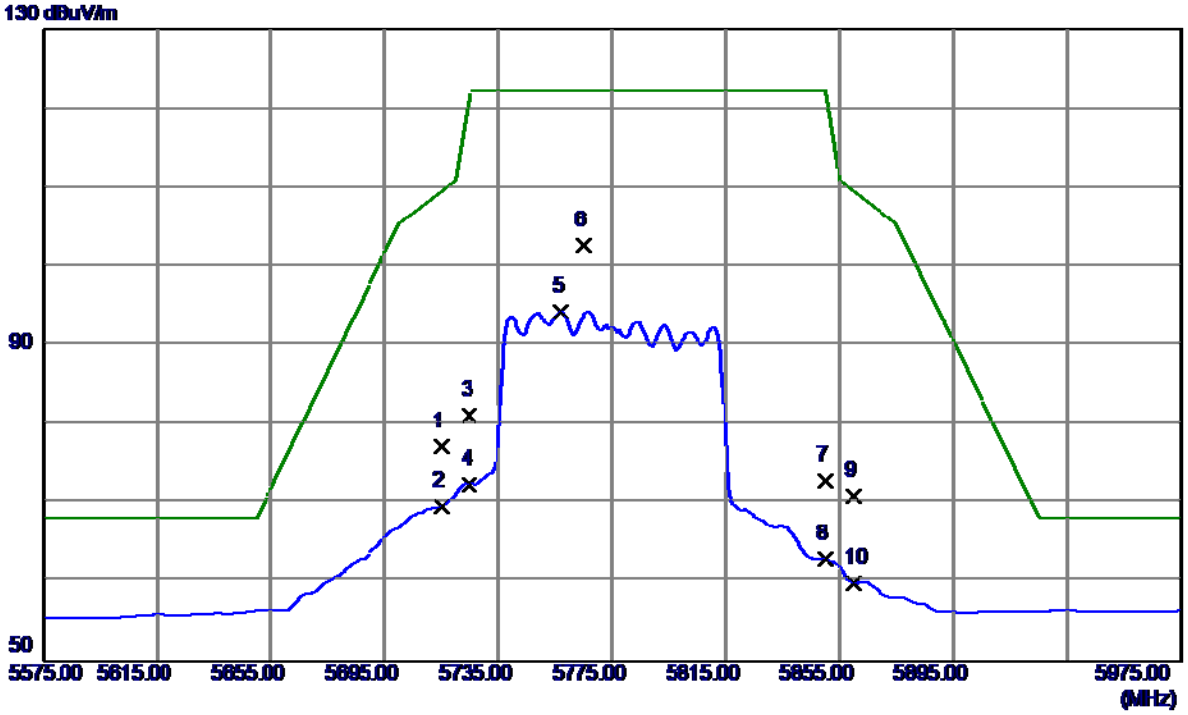
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11549.1500	49.02	15.48	64.50	68.30	-3.80	Peak	
2 *	11550.0400	38.05	15.48	53.53	54.00	-0.47	AVG	

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

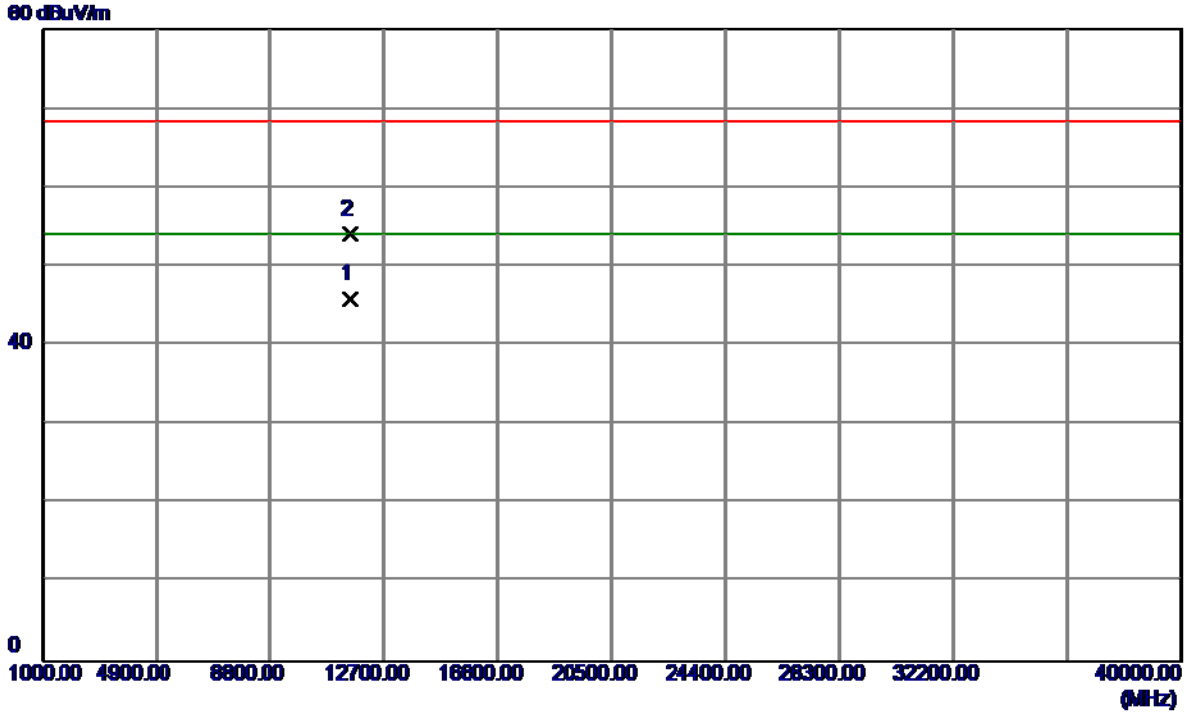
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	34.69	42.55	77.24	109.50	-32.26	Peak	
2	5715.0000	27.20	42.55	69.75	109.50	-39.75	AVG	
3	5725.0000	38.58	42.58	81.16	122.30	-41.14	Peak	
4	5725.0000	29.86	42.58	72.44	122.30	-49.86	AVG	
5	5757.0000	51.65	42.69	94.34	122.30	-27.96	AVG	
6 *	5765.4000	59.96	42.72	102.68	122.30	-19.62	Peak	
7	5850.0000	29.82	43.03	72.85	122.30	-49.45	Peak	
8	5850.0000	19.89	43.03	62.92	122.30	-59.38	AVG	
9	5860.0000	27.89	43.06	70.95	109.50	-38.55	Peak	
10	5860.0000	16.87	43.06	59.93	109.50	-49.57	AVG	

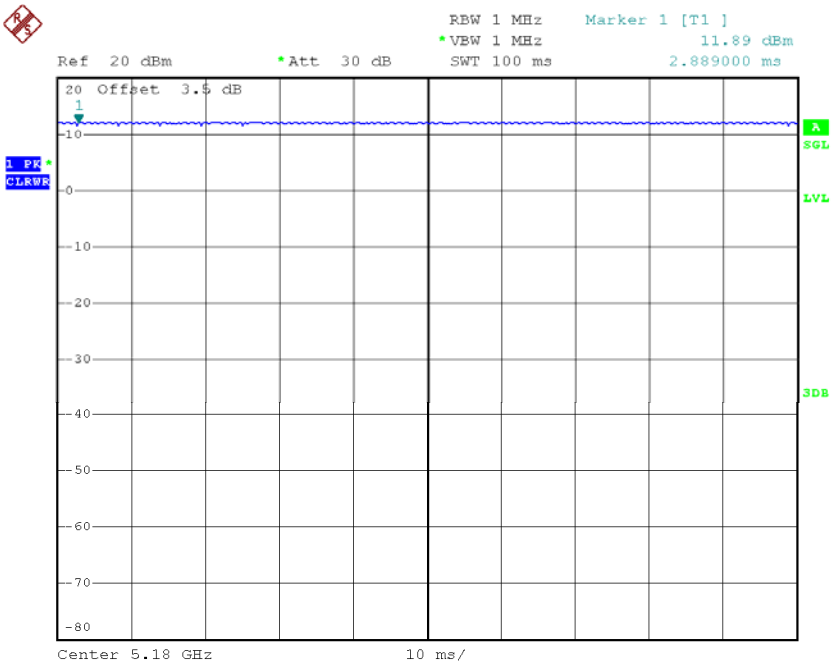
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11549.2600	30.41	15.48	45.89	54.00	-8.11	AVG	
2	11551.1400	38.63	15.48	54.11	68.30	-14.19	Peak	

TX A Mode_DUTY CYCLE



Date: 13.MAY.2016 14:40:44

Duty cycle: TX DUTYMHz

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

T_{ON}: 2.03 msec

T_{Total}: 2.03 msec

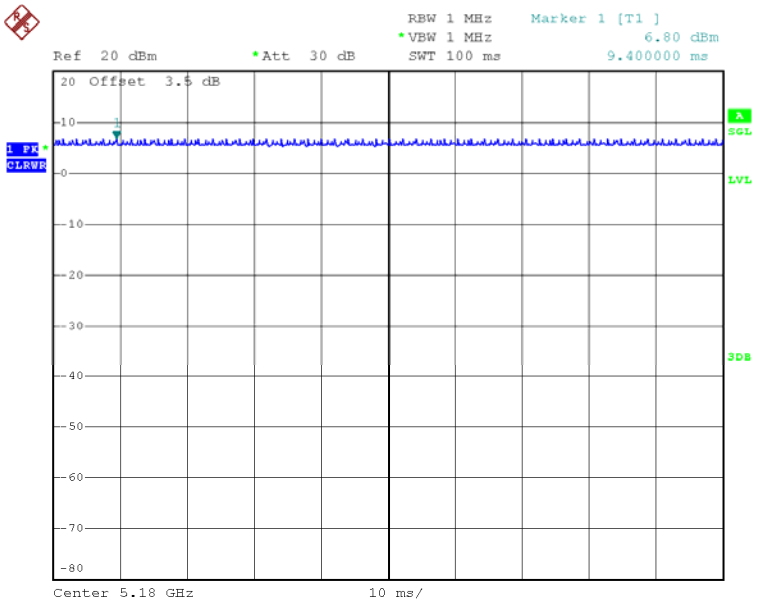
Duty cycle: 100.00%

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 as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE



Date: 13.MAY.2016 14:41:41

Duty cycle: TX DUTYMHz

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

T_{ON}: 0.65 msec

T_{Total}: 0.65 msec

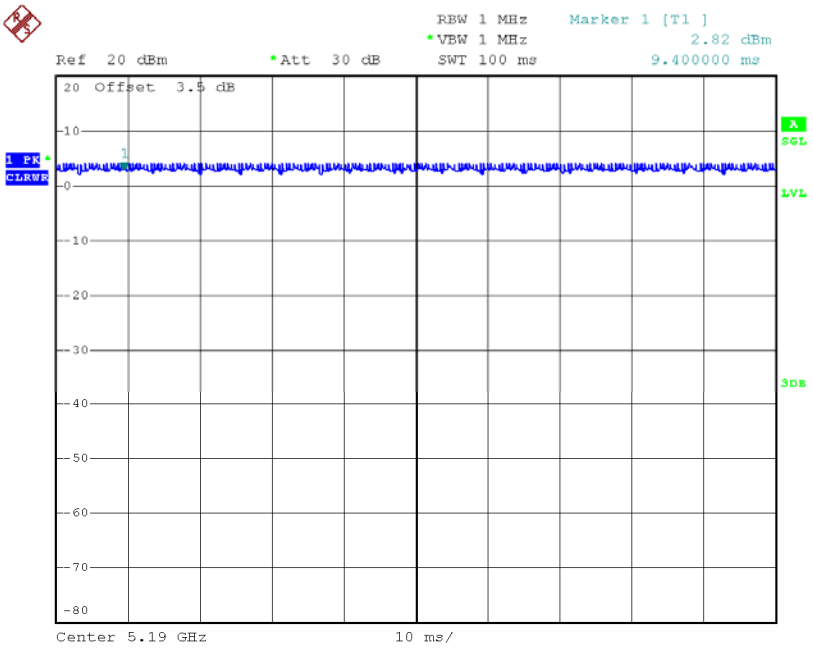
Duty cycle: 100.00%

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 as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.90 msec

T_{Total}: 0.90 msec

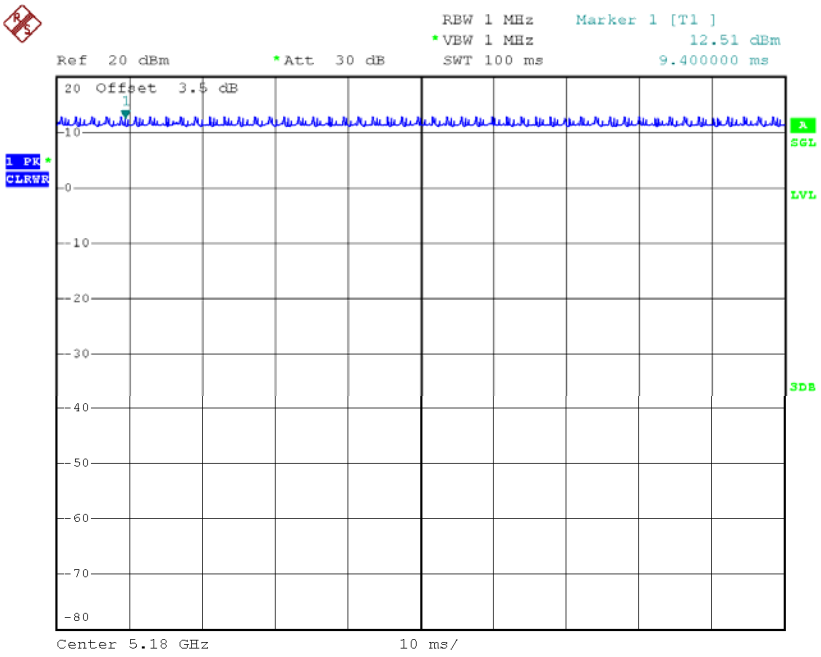
Duty cycle: 100.00%

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 as Output 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}: 1.92 msec

T_{Total}: 1.92 msec

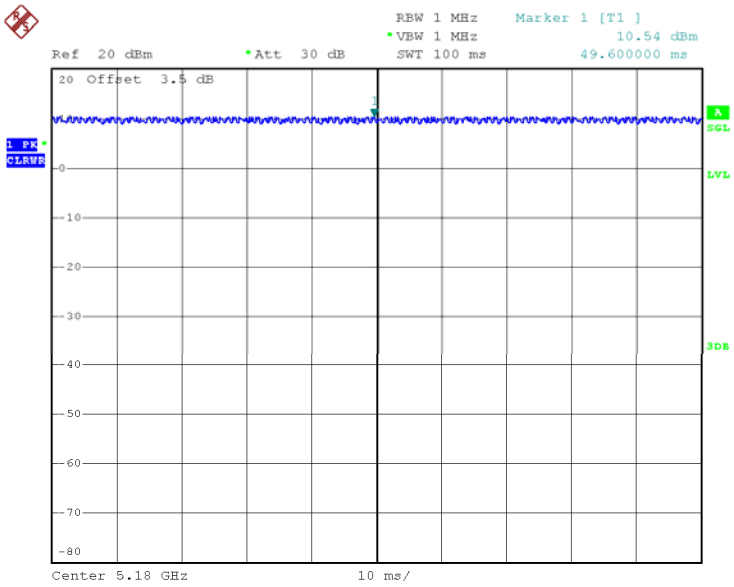
Duty cycle: 100.00%

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 as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE



Date: 13.MAY.2016 14:51:47

Duty cycle: TX DUTYMHz

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

T_{ON}: 0.90 msec

T_{Total}: 0.90 msec

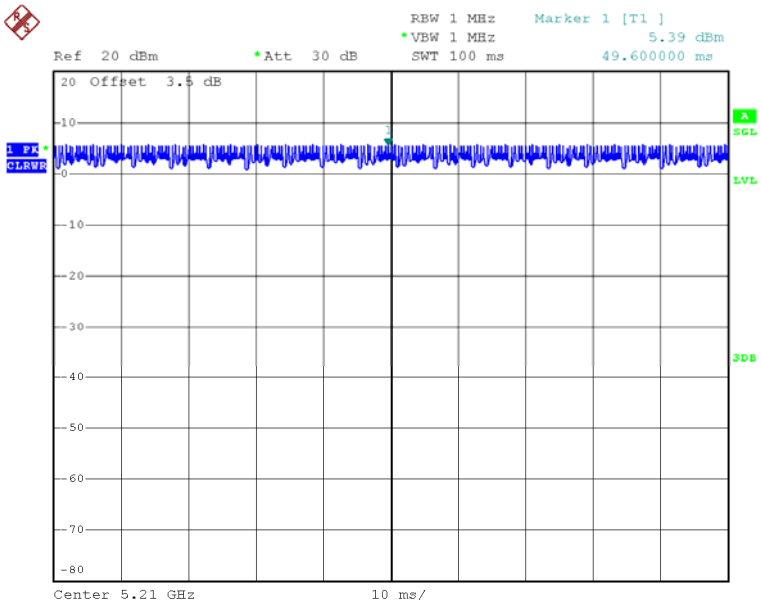
Duty cycle: 100.00%

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 as Output 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}: 0.92 msec

T_{Total}: 0.92 msec

Duty cycle: 100.00%

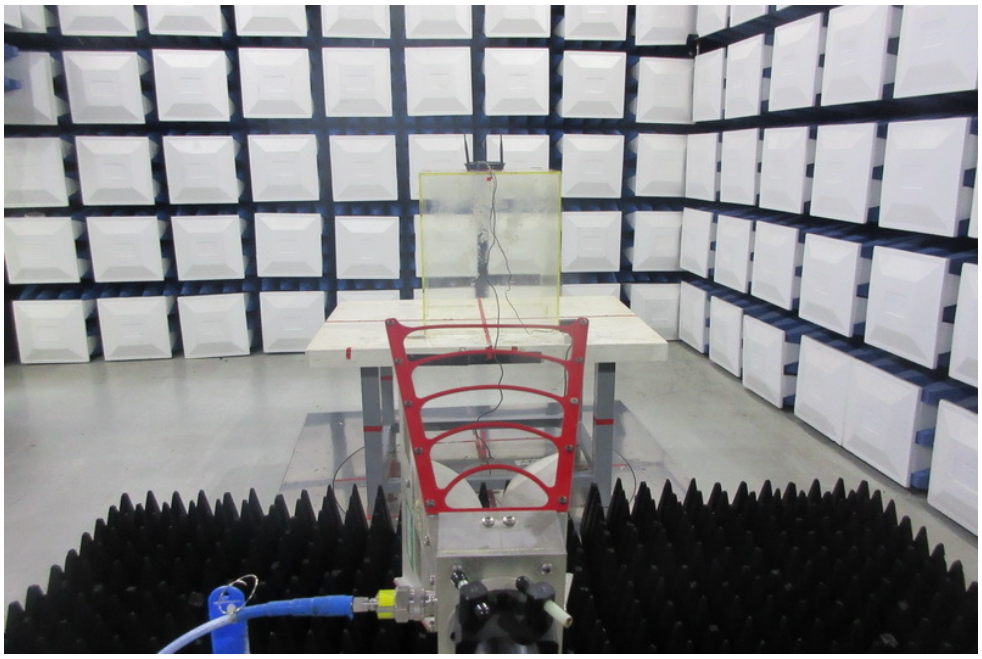
Duty Factor = 10 log(1/Duty cycle)

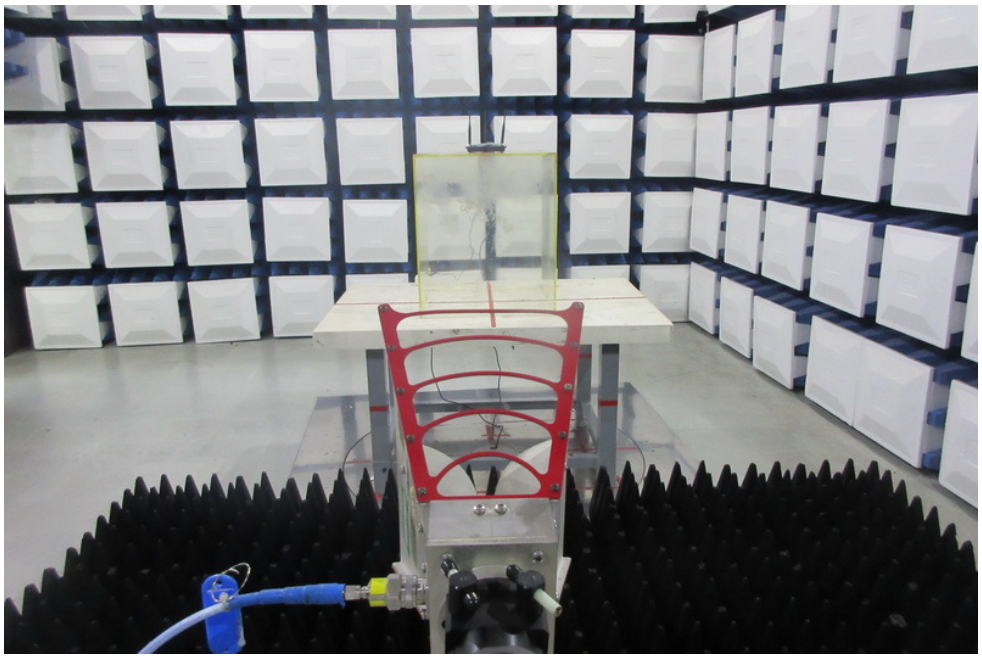
Duty Factor = 0.00

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 as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

Radiated Measurement Photos

Above 1000MHz



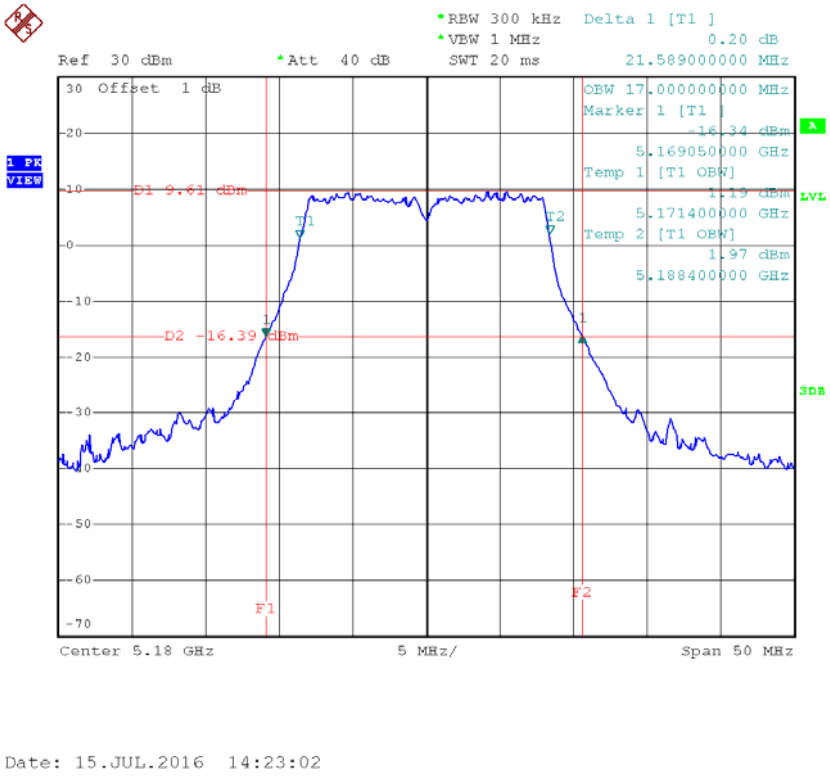


ATTACHMENT E - BANDWIDTH

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

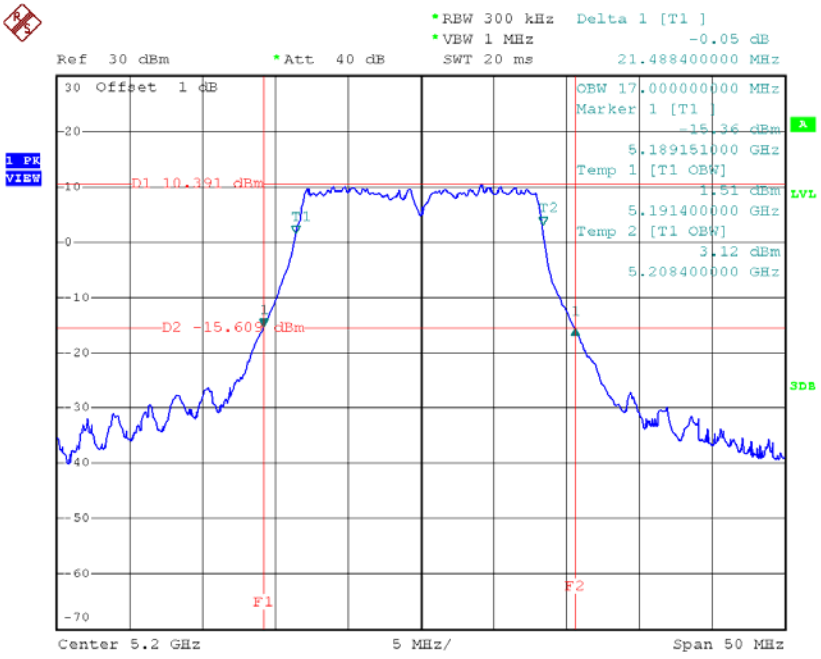
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.59	17.00
CH40	5200	21.49	17.00
CH48	5240	21.69	17.00

TX CH36



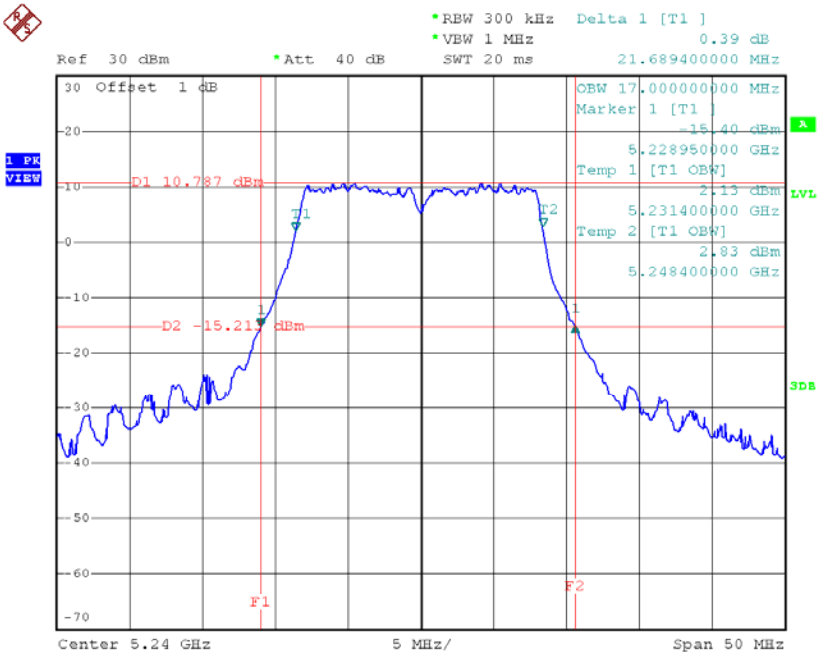
Date: 15.JUL.2016 14:23:02

TX CH40



Date: 15.JUL.2016 14:30:27

TX CH48

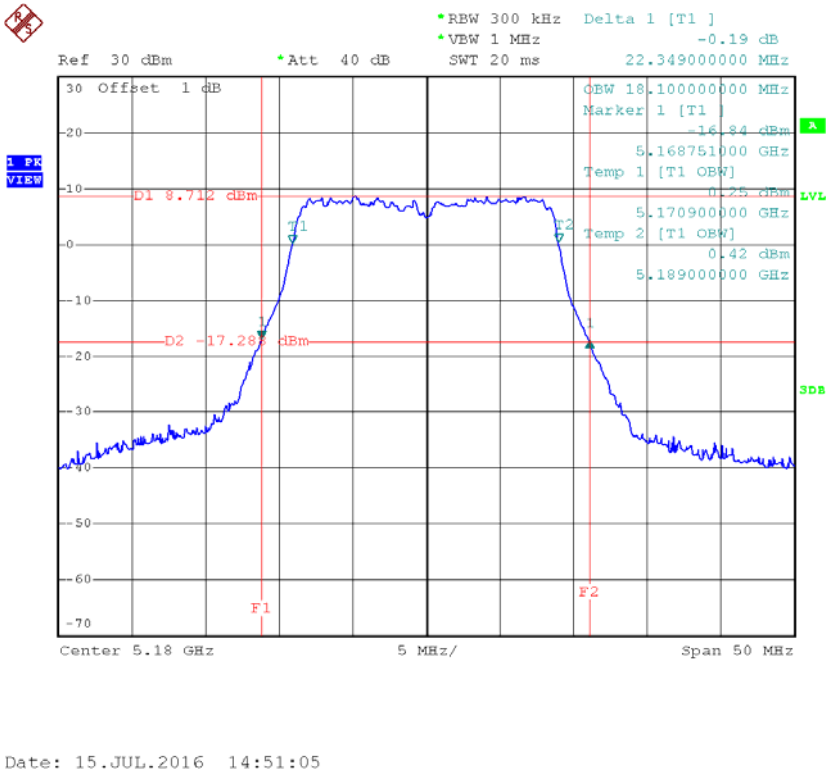


Date: 15.JUL.2016 14:31:31

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

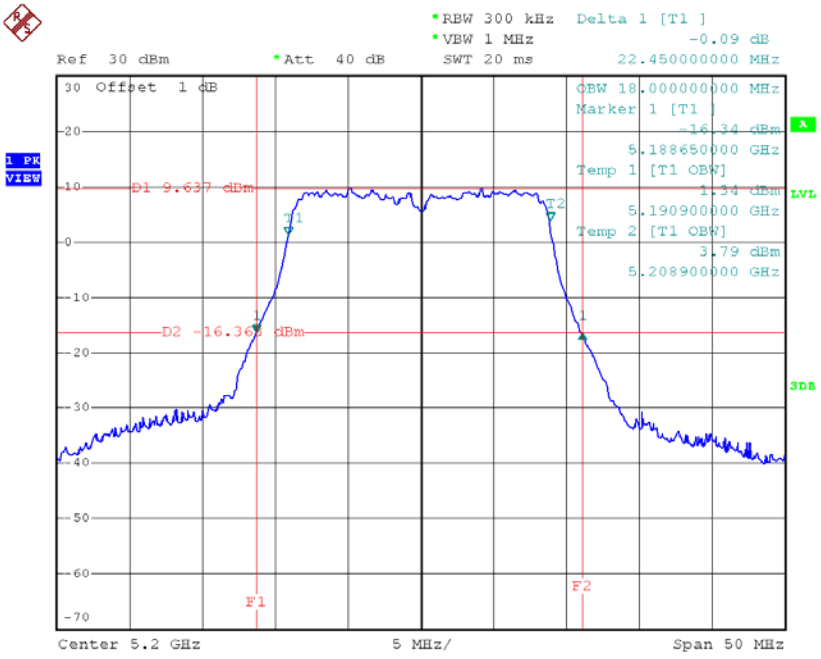
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.35	18.10
CH40	5200	22.45	18.00
CH48	5240	22.45	18.00

TX CH36



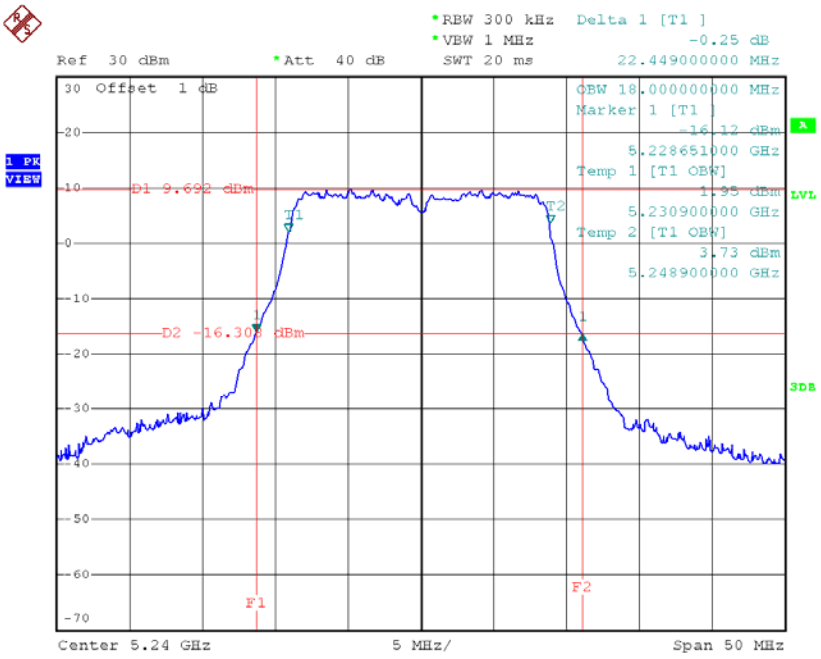
Date: 15.JUL.2016 14:51:05

TX CH40



Date: 15.JUL.2016 14:52:42

TX CH48

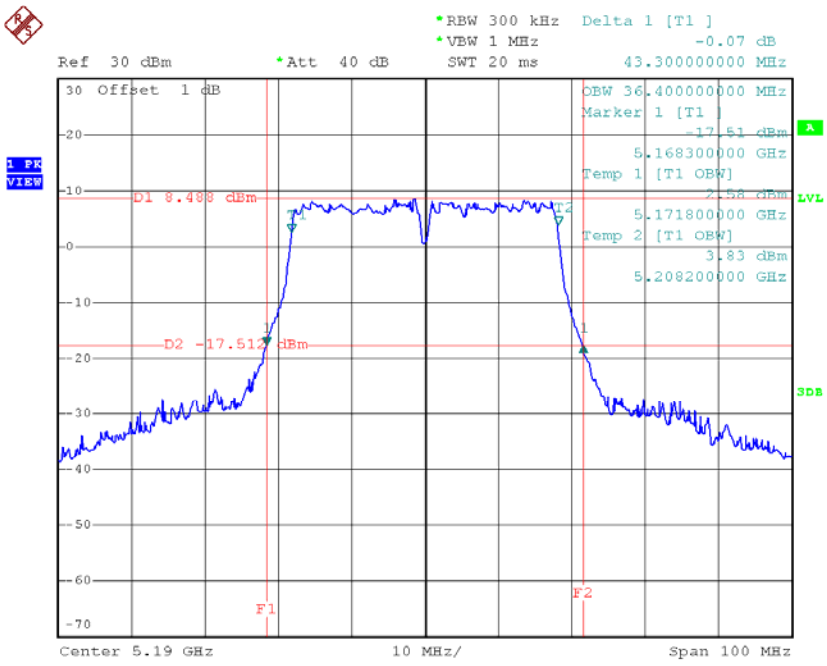


Date: 15.JUL.2016 14:53:55

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

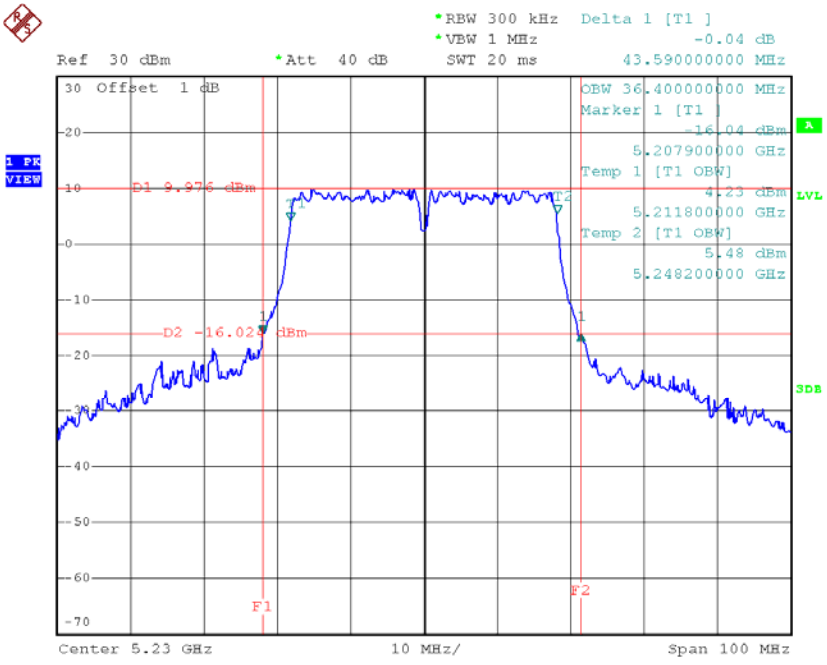
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.30	36.40
CH46	5230	43.59	36.40

TX CH38



Date: 15.JUL.2016 15:05:40

TX CH46

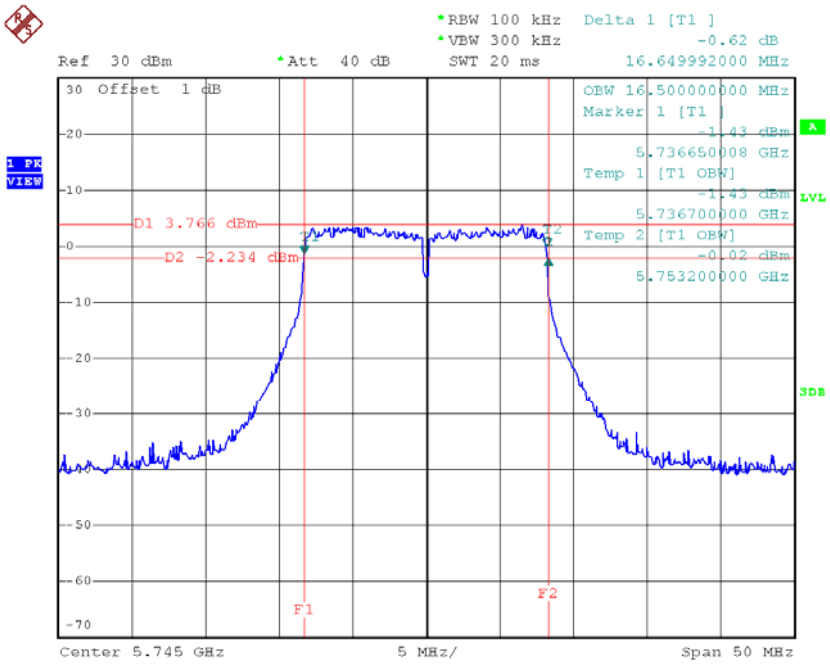


Date: 15.JUL.2016 15:07:03

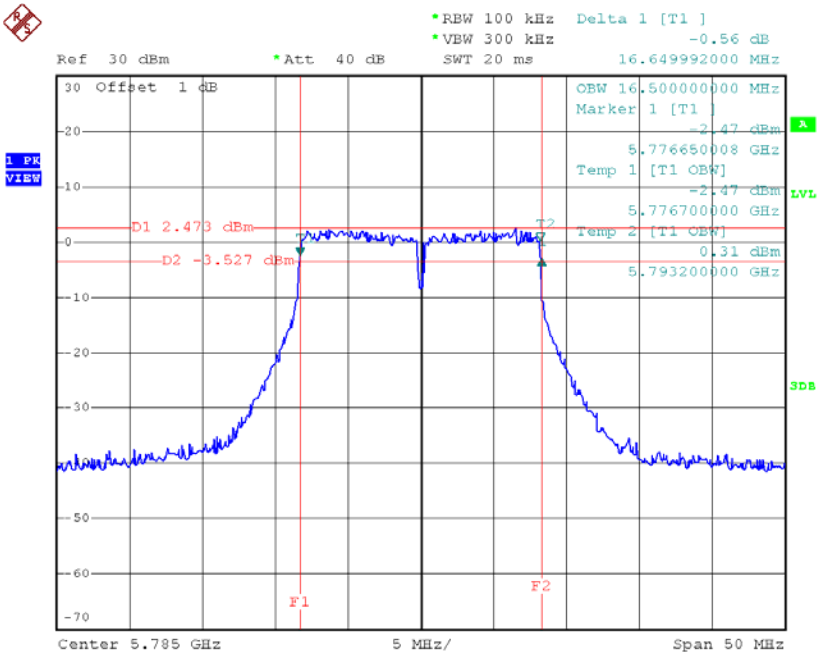
Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.65	16.50	>=500
CH157	5785	16.65	16.50	>=500
CH165	5825	16.65	16.60	>=500

TX CH 149

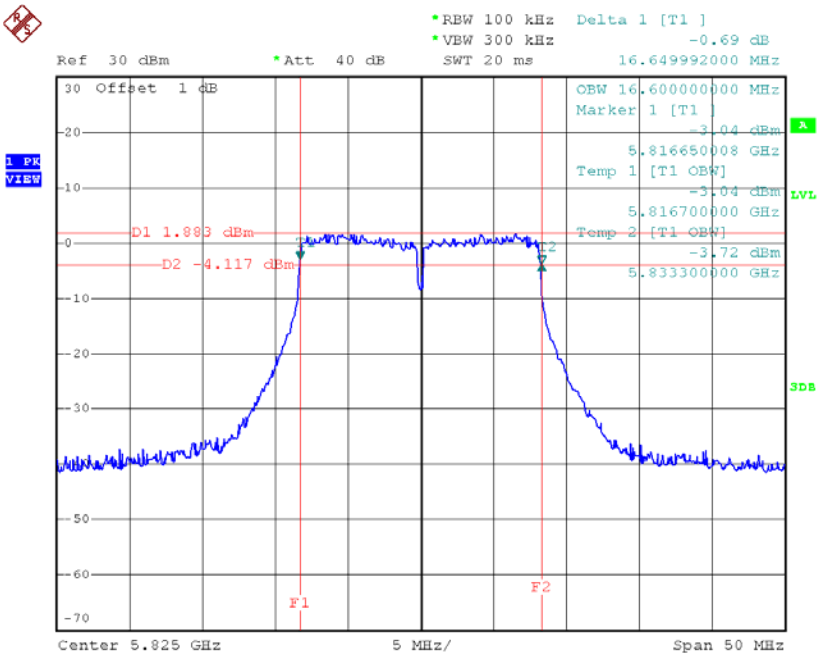


TX CH 157



Date: 15.JUL.2016 14:40:29

TX CH 165

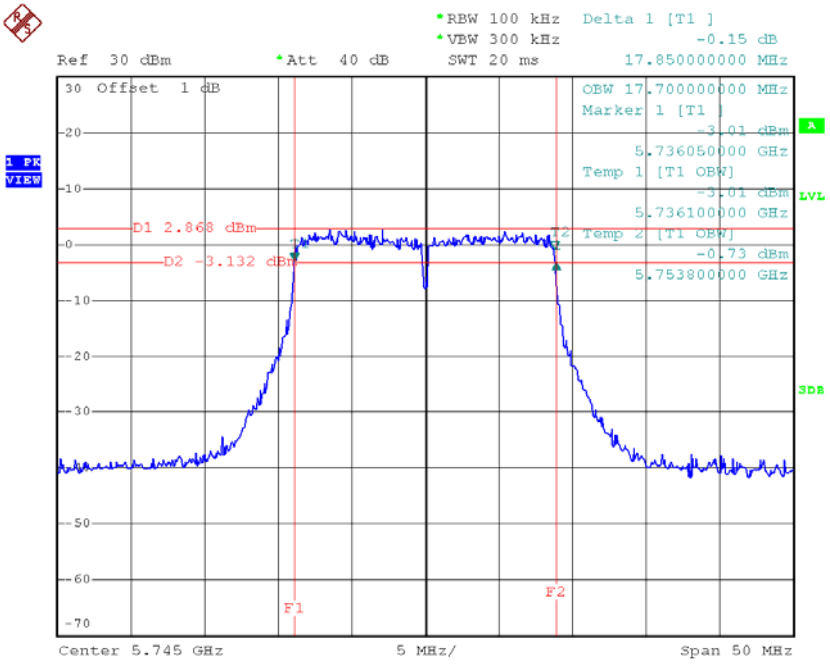


Date: 15.JUL.2016 14:42:30

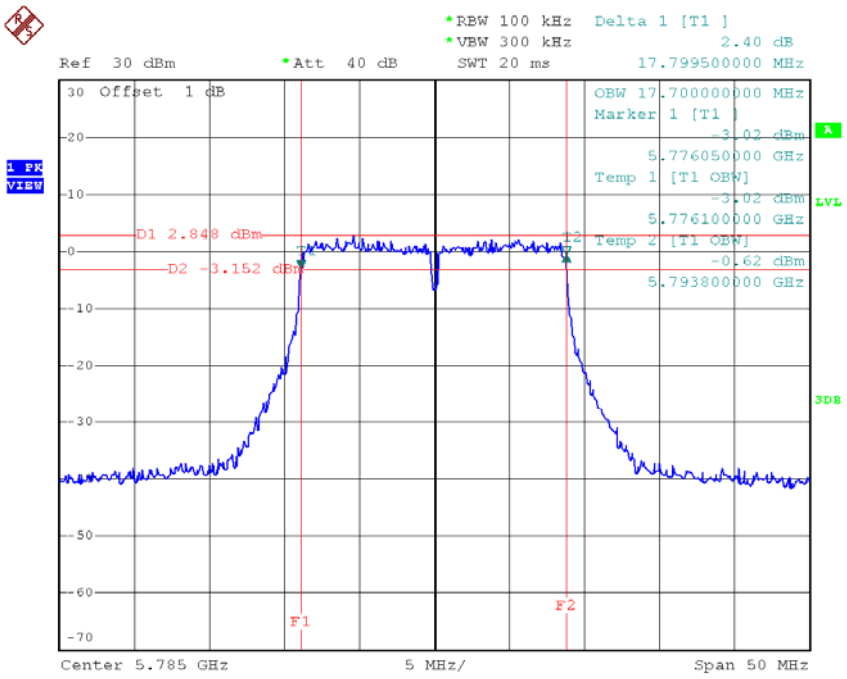
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165				

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.85	17.70	>=500
CH157	5785	17.80	17.70	>=500
CH165	5825	17.85	17.70	>=500

TX CH 149

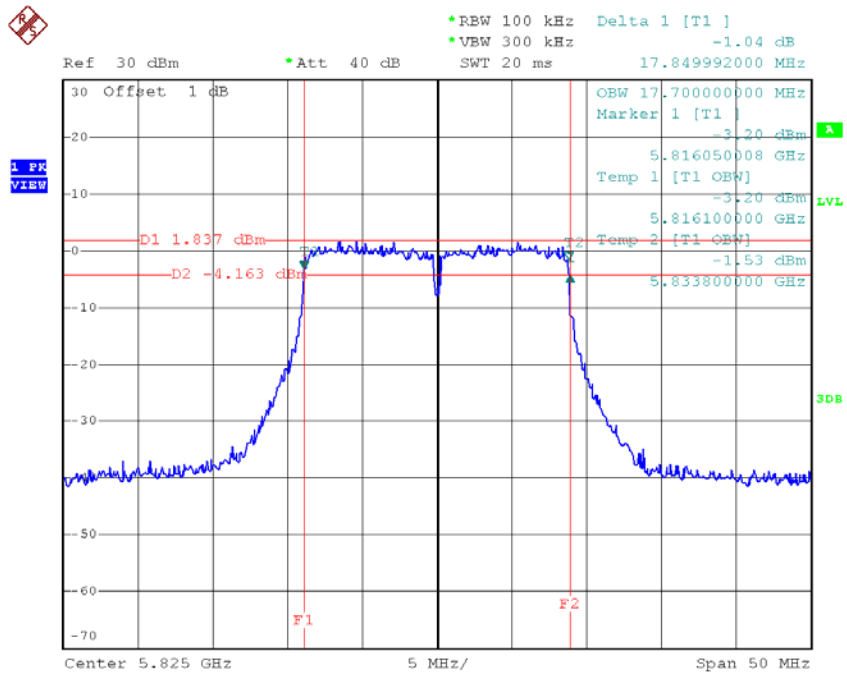


TX CH 157



Date: 15.JUL.2016 14:59:59

TX CH 165

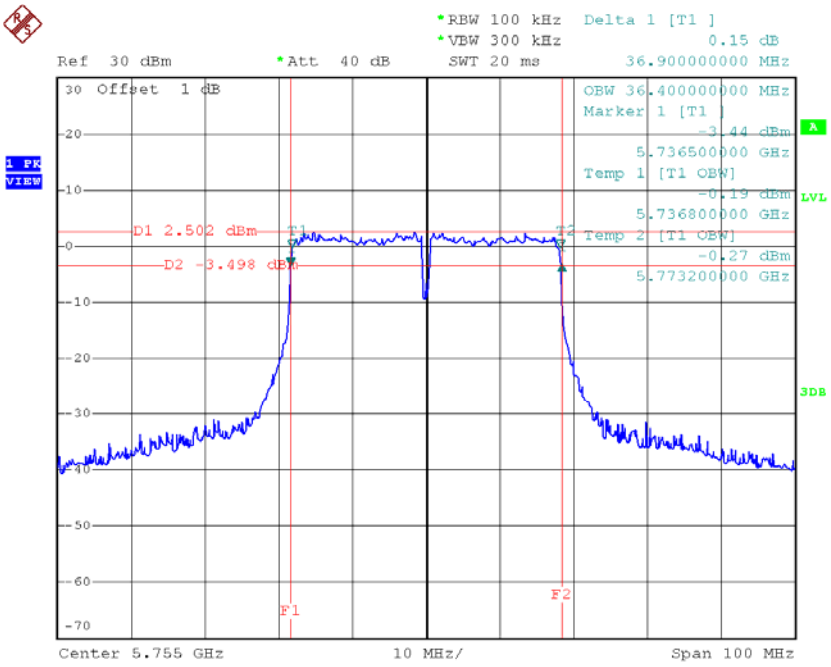


Date: 15.JUL.2016 15:01:17

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

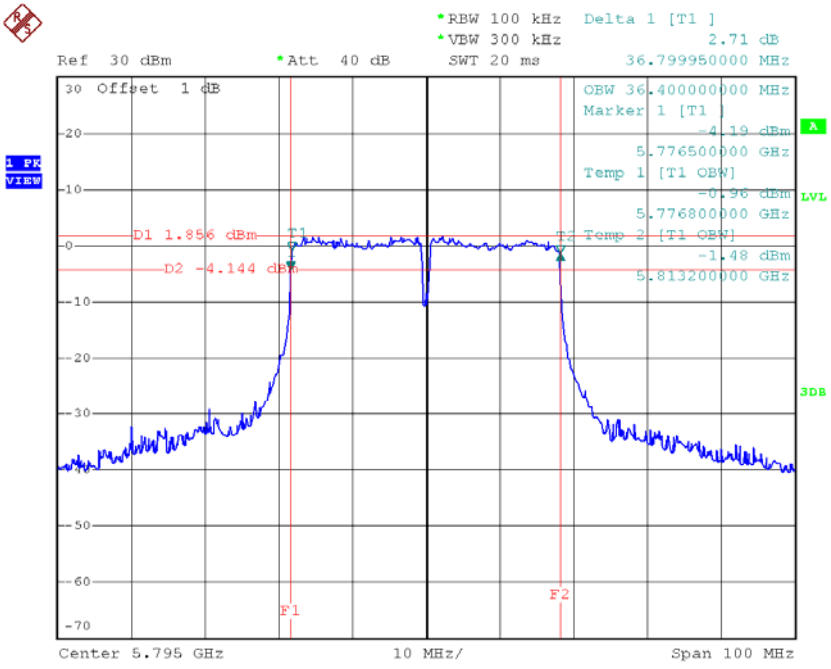
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.90	36.40	>=500
CH159	5795	36.80	36.40	>=500

TX CH 151



Date: 15.JUL.2016 15:08:21

TX CH 159

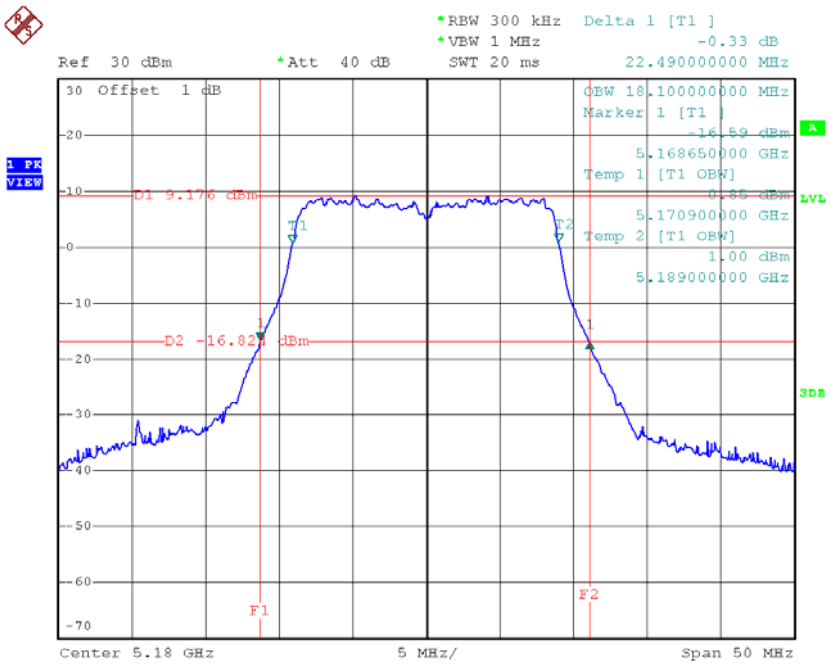


Date: 15.JUL.2016 15:09:44

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48			

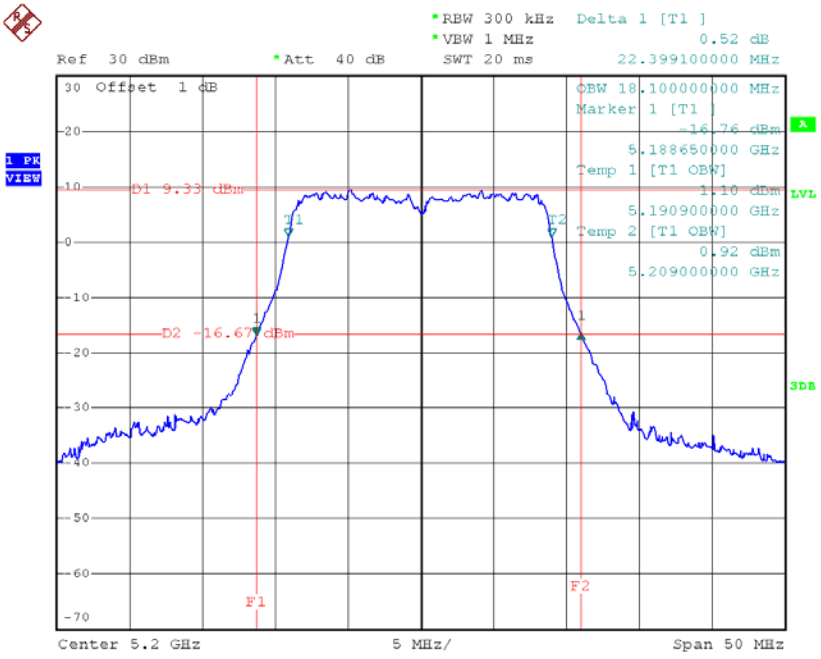
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.49	18.10
CH40	5200	22.40	18.10
CH48	5240	22.36	18.10

TX CH36



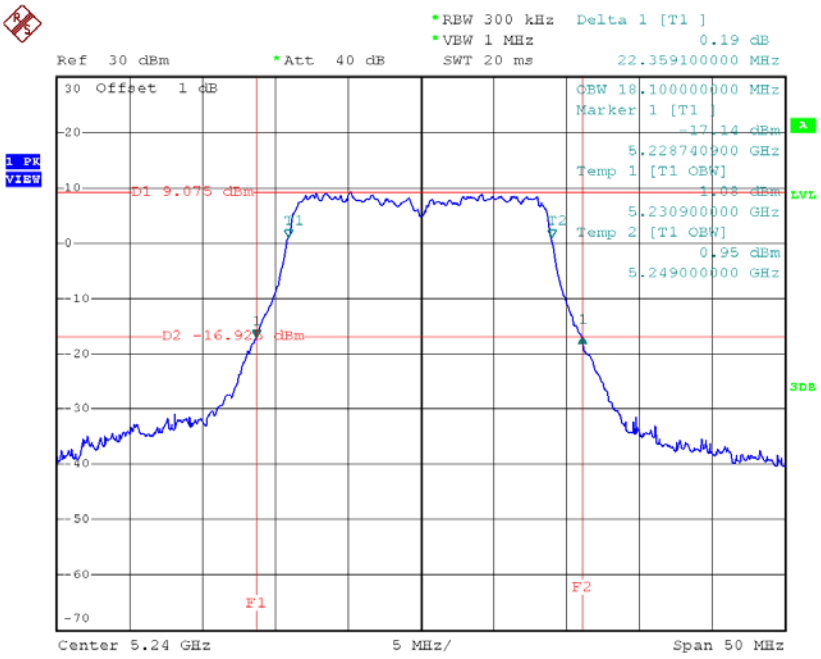
Date: 15.JUL.2016 15:12:57

TX CH40



Date: 15.JUL.2016 15:13:52

TX CH48

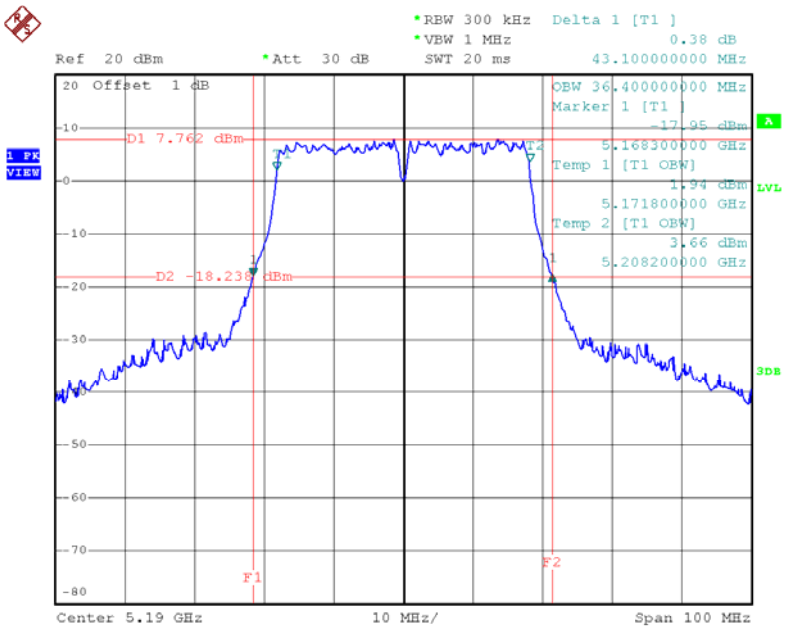


Date: 15.JUL.2016 15:14:55

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

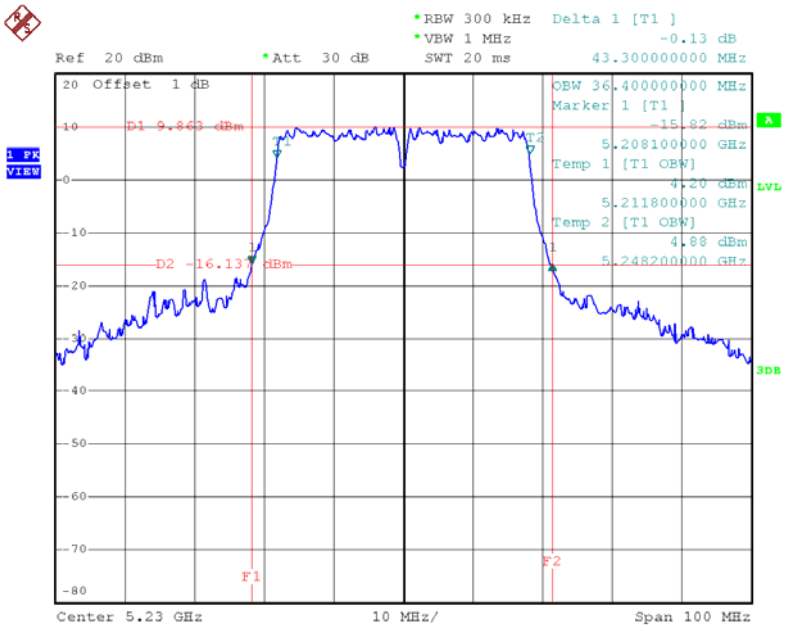
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.10	36.40
CH46	5230	43.30	36.40

TX CH38



Date: 15.JUL.2016 15:52:16

TX CH46

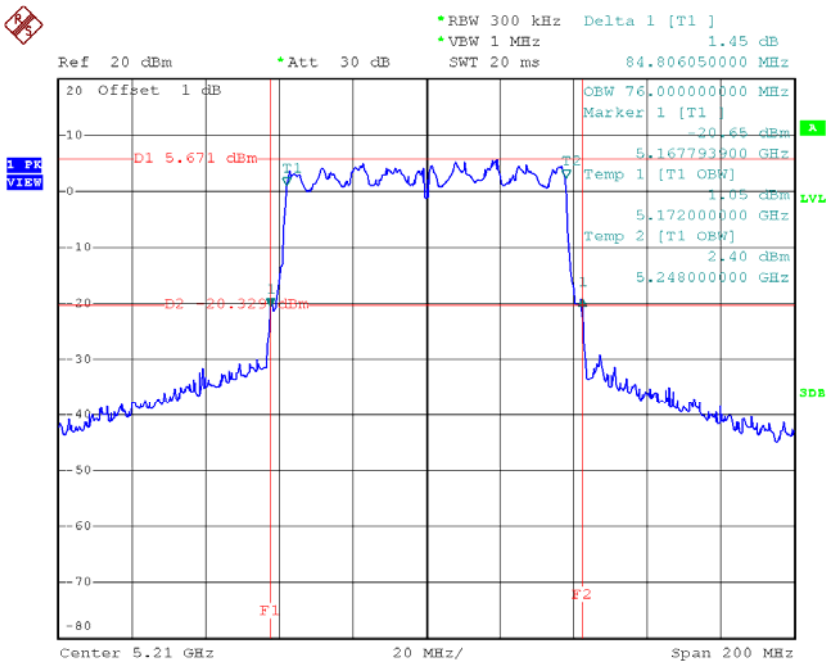


Date: 15.JUL.2016 15:53:38

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	84.81	76.00

TX CH42

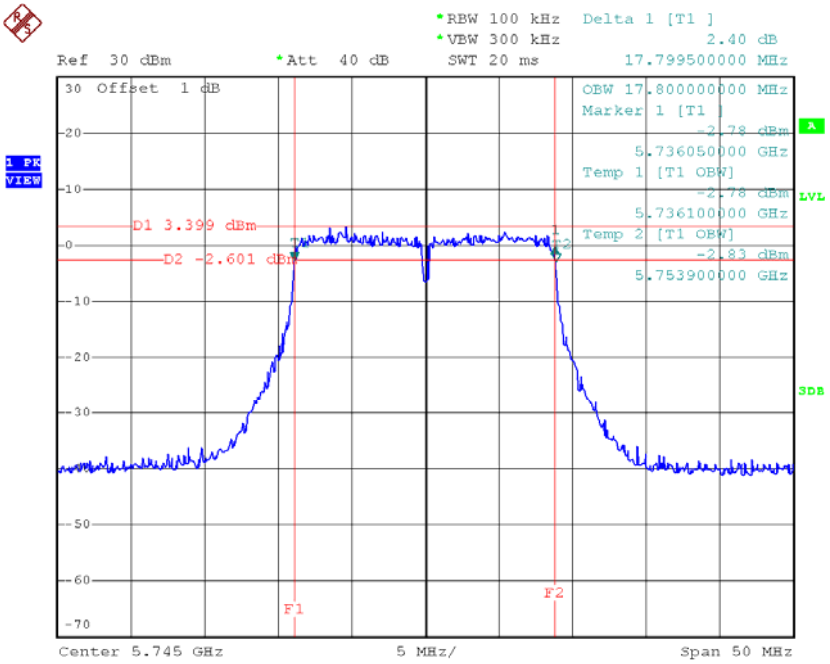


Date: 15.JUL.2016 15:59:20

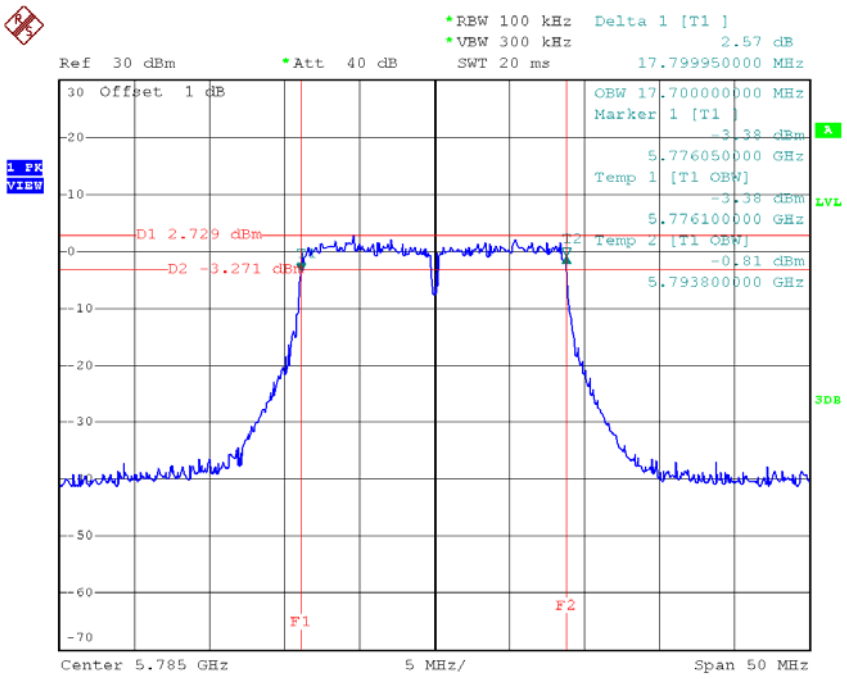
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.80	17.80	>=500
CH157	5785	17.80	17.70	>=500
CH165	5825	17.85	17.70	>=500

TX CH 149

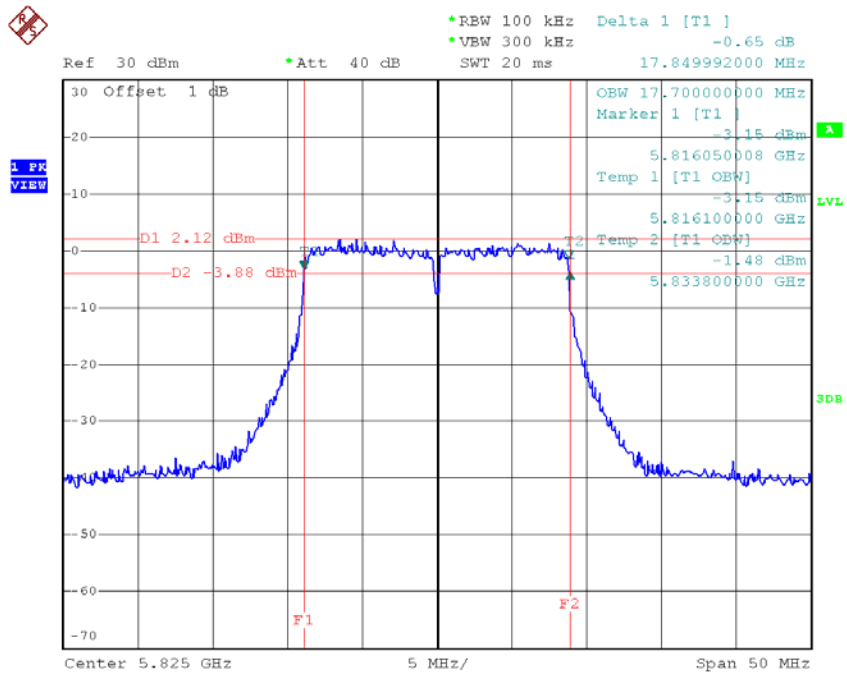


TX CH 157



Date: 15.JUL.2016 15:17:50

TX CH 165

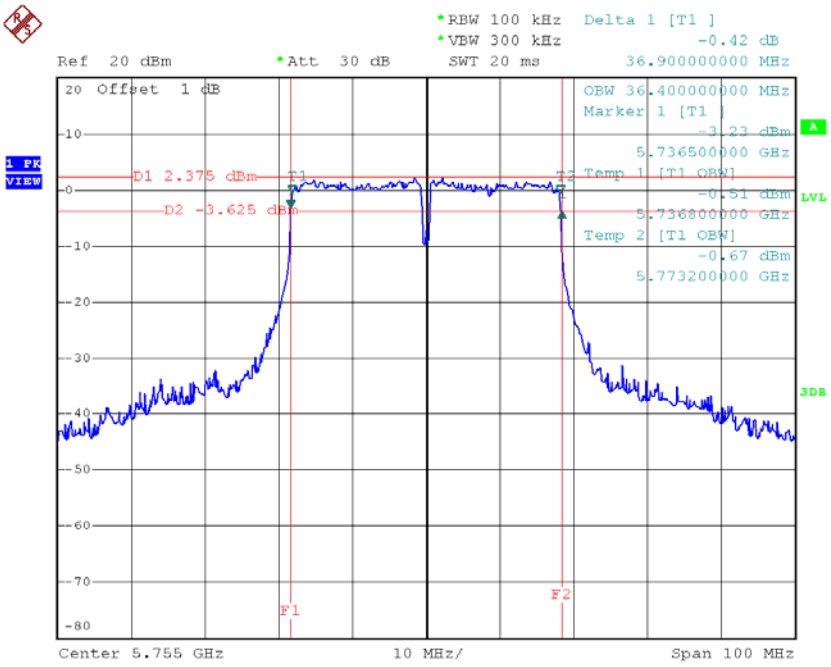


Date: 15.JUL.2016 15:19:15

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

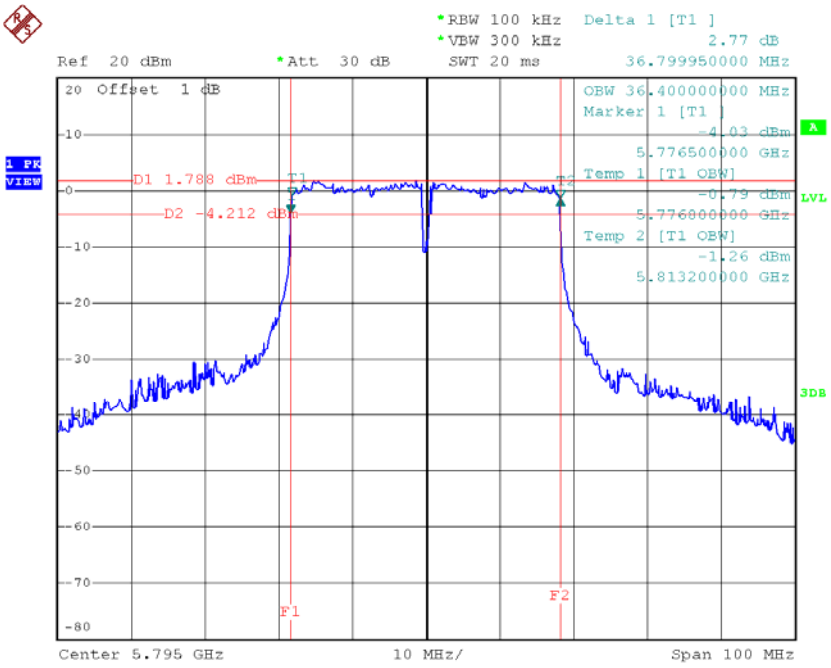
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.90	36.40	>=500
CH159	5795	36.80	36.40	>=500

TX CH 151



Date: 15.JUL.2016 15:54:57

TX CH 159

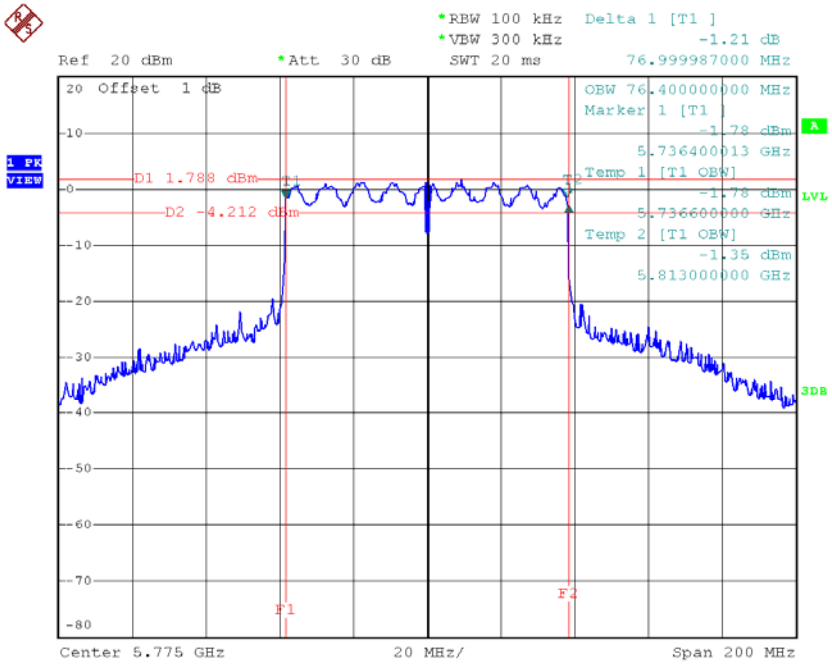


Date: 15.JUL.2016 15:56:05

Test Mode: UNII-3/ TX AC80 Mode_CH155

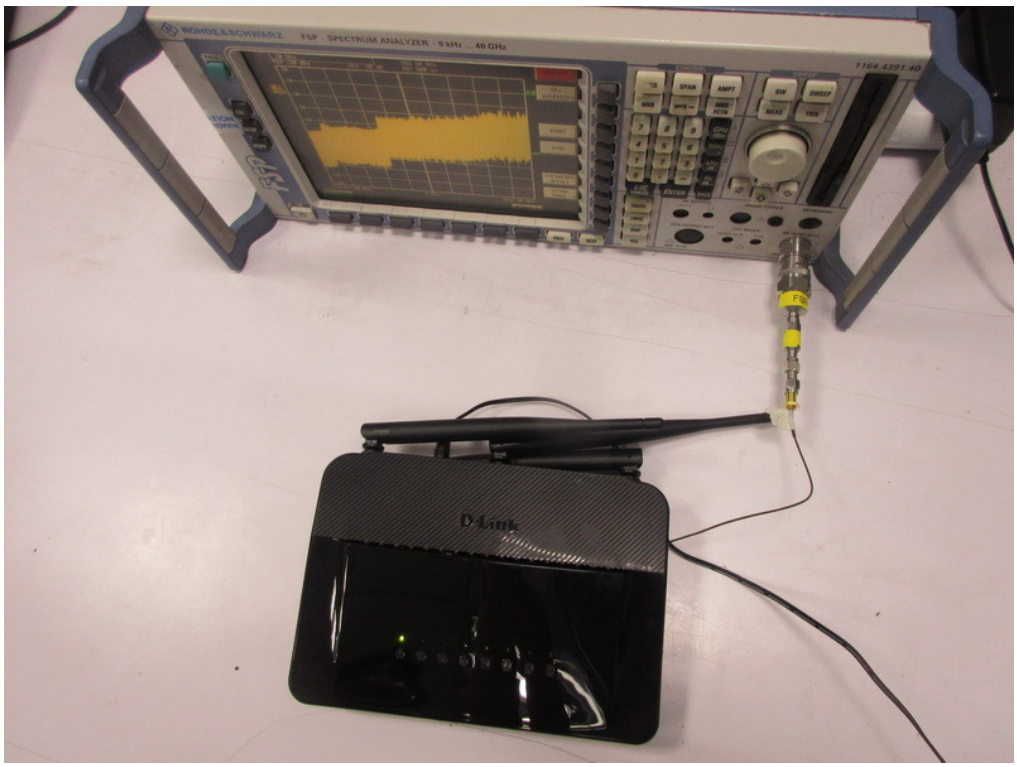
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	77.00	76.40	>=500

TX CH 155



Date: 15.JUL.2016 16:00:48

Bandwidth Measurement Photos



ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.64	0.00	21.64	24.00	0.25
CH40	5200	20.94	0.00	20.94	24.00	0.25
CH48	5240	22.01	0.00	22.01	24.00	0.25

Test Mode: UNII-1/TX N20 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	20.92	0.00	20.92	24.00	0.25
CH40	5200	21.38	0.00	21.38	24.00	0.25
CH48	5240	21.17	0.00	21.17	24.00	0.25

Test Mode: UNII-1/TX N40 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.63	0.00	21.63	24.00	0.25
CH46	5230	22.09	0.00	22.09	24.00	0.25

Test Mode: UNII-3/ TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	22.71	0.00	22.71	30.00	1.00
CH157	5785	20.58	0.00	20.58	30.00	1.00
CH165	5825	20.89	0.00	20.89	30.00	1.00

Test Mode: UNII-3/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	20.13	0.00	20.13	30.00	1.00
CH157	5785	19.98	0.00	19.98	30.00	1.00
CH165	5825	19.87	0.00	19.87	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	19.94	0.00	19.94	30.00	1.00
CH159	5795	20.22	0.00	20.22	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	21.32	0.00	21.32	24.00	0.25
CH40	5200	20.43	0.00	20.43	24.00	0.25
CH48	5240	21.08	0.00	21.08	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.23	0.00	21.23	24.00	0.25
CH46	5230	21.64	0.00	21.64	24.00	0.25

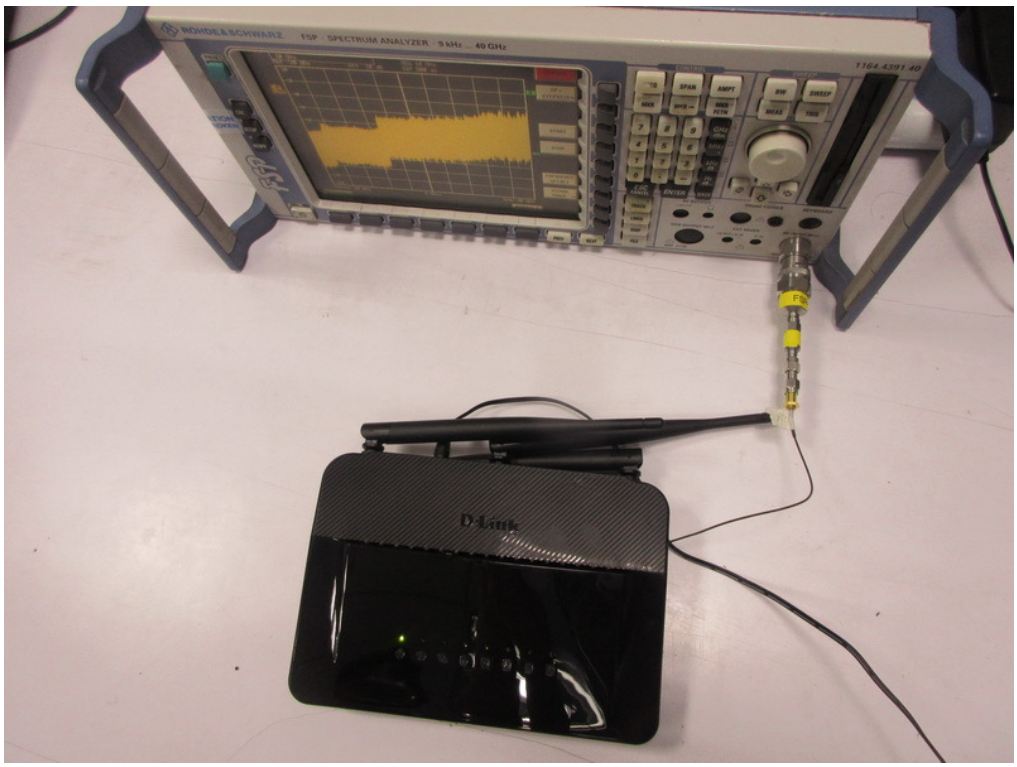
Test Mode: UNII-1/TX AC80 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.15	0.00	20.15	24.00	0.25

Test Mode: UNII-3/TX AC20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	19.81	0.00	19.81	30.00	1.00
CH157	5785	17.68	0.00	17.68	30.00	1.00
CH165	5825	19.44	0.00	19.44	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	21.13	0.00	21.13	30.00	1.00
CH159	5795	20.83	0.00	20.83	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	21.85	0.00	21.85	30.00	1.00

Output Power Measurement Photos

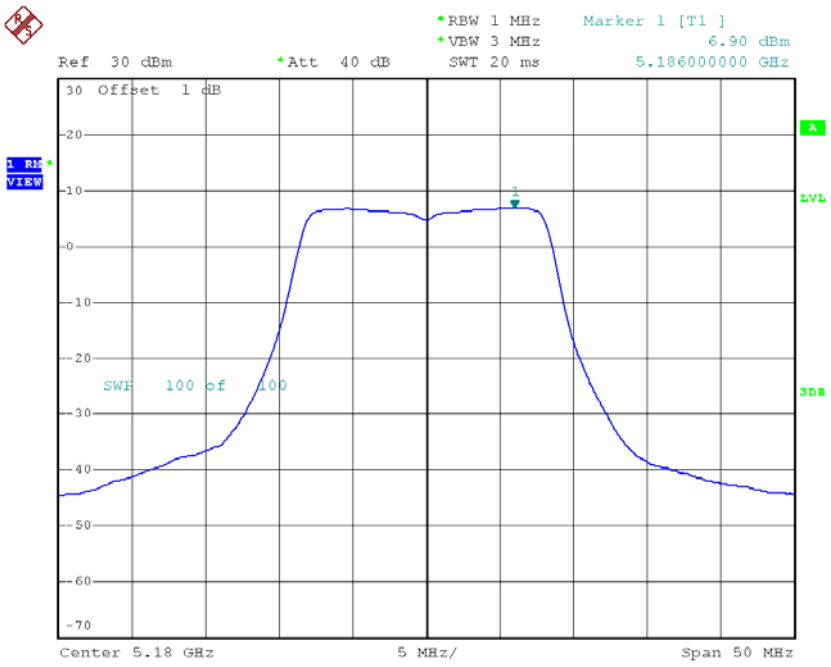


ATTACHMENT G - POWER SPECTRAL DENSITY

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

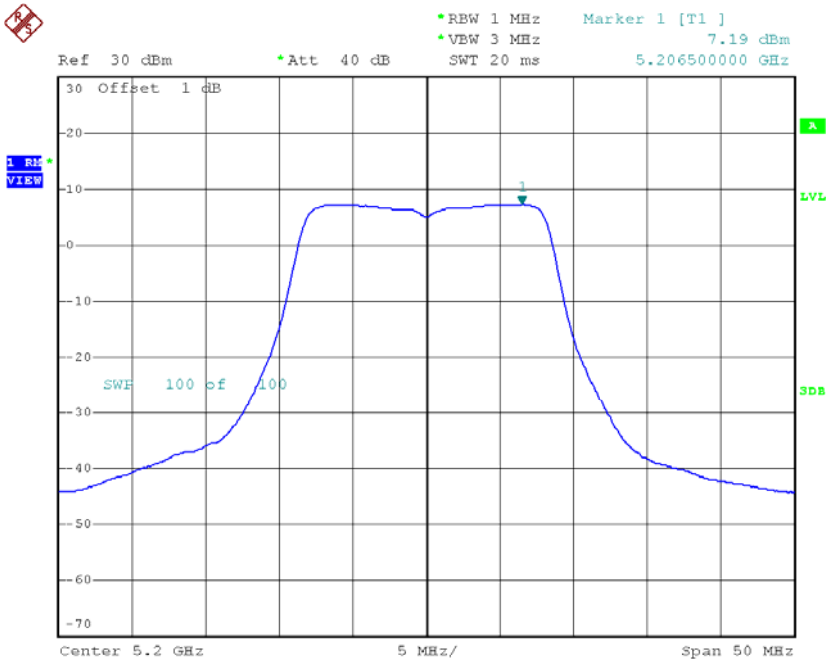
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.90	0.00	6.90	11.00
CH40	5200	7.19	0.00	7.19	11.00
CH48	5240	7.67	0.00	7.67	11.00

CH36



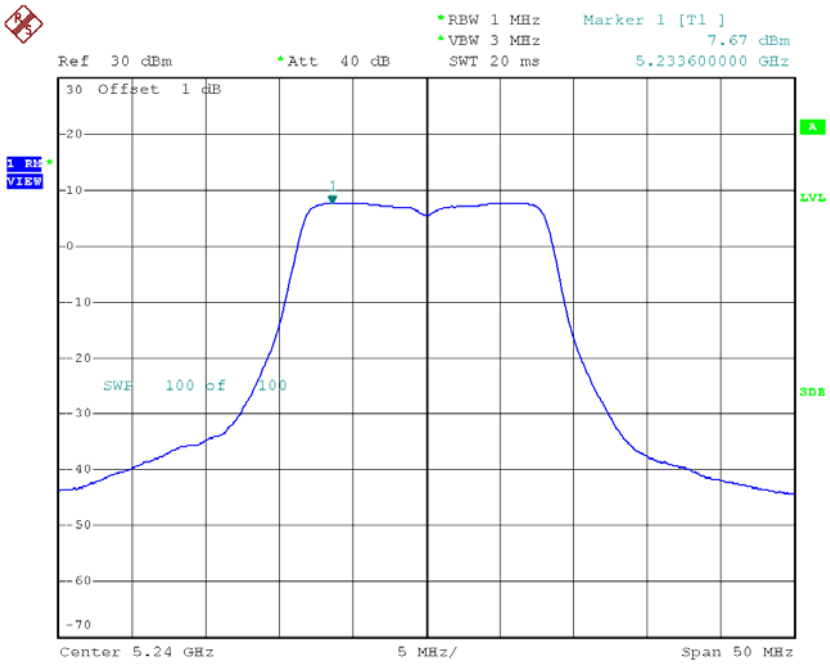
Date: 15.JUL.2016 14:23:12

CH40



Date: 15.JUL.2016 14:30:37

CH48

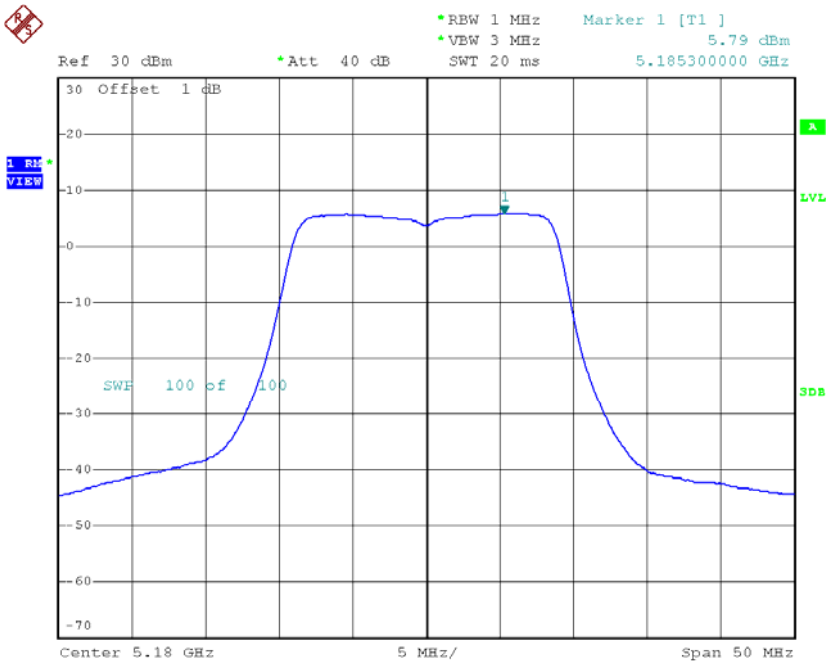


Date: 15.JUL.2016 14:31:41

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

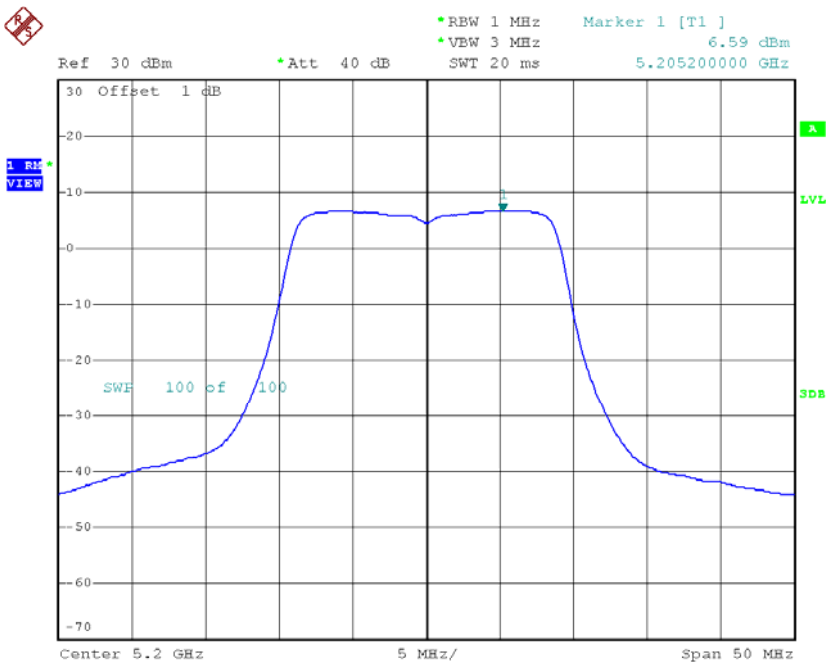
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.79	0.00	5.79	11.00
CH40	5200	6.59	0.00	6.59	11.00
CH48	5240	6.46	0.00	6.46	11.00

CH36



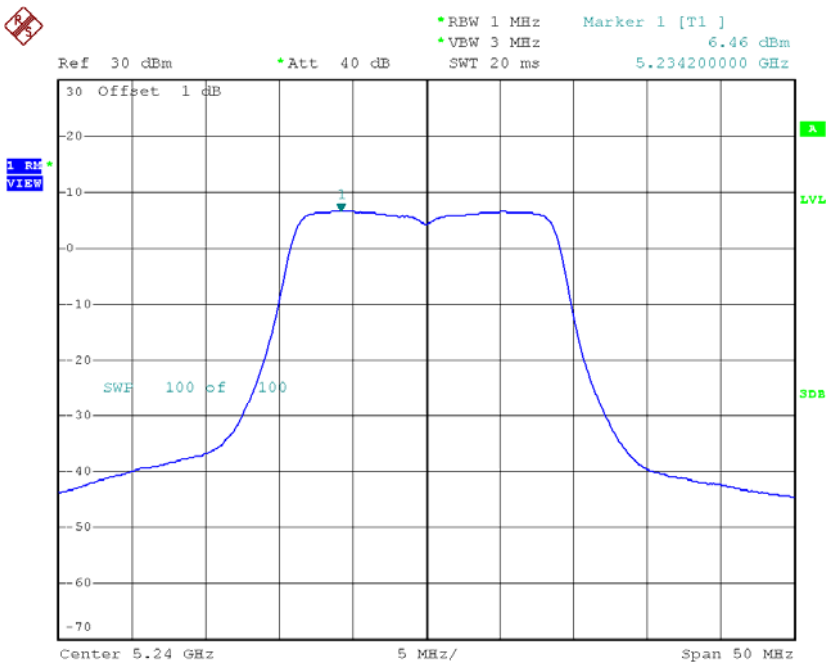
Date: 15.JUL.2016 14:51:14

CH40



Date: 15.JUL.2016 14:52:51

CH48

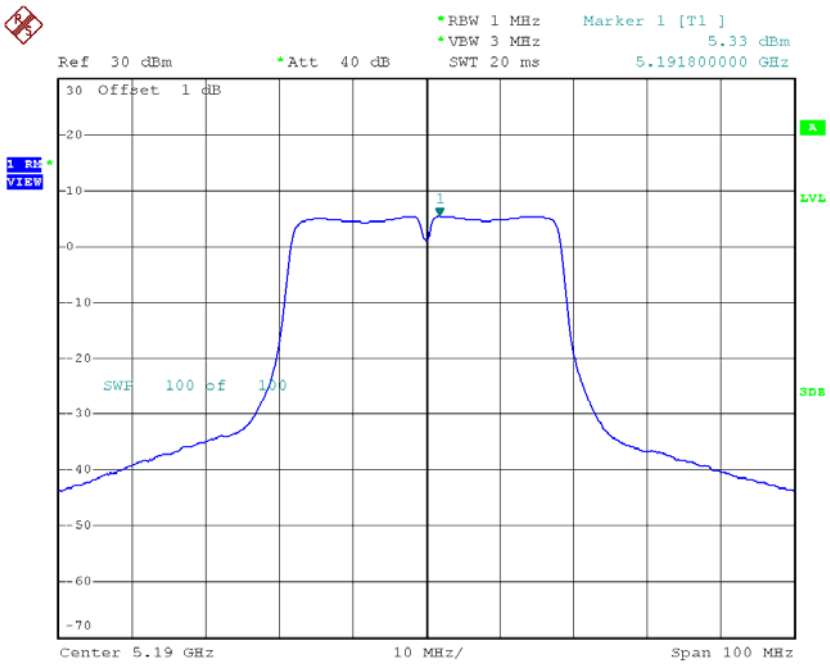


Date: 15.JUL.2016 14:54:04

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

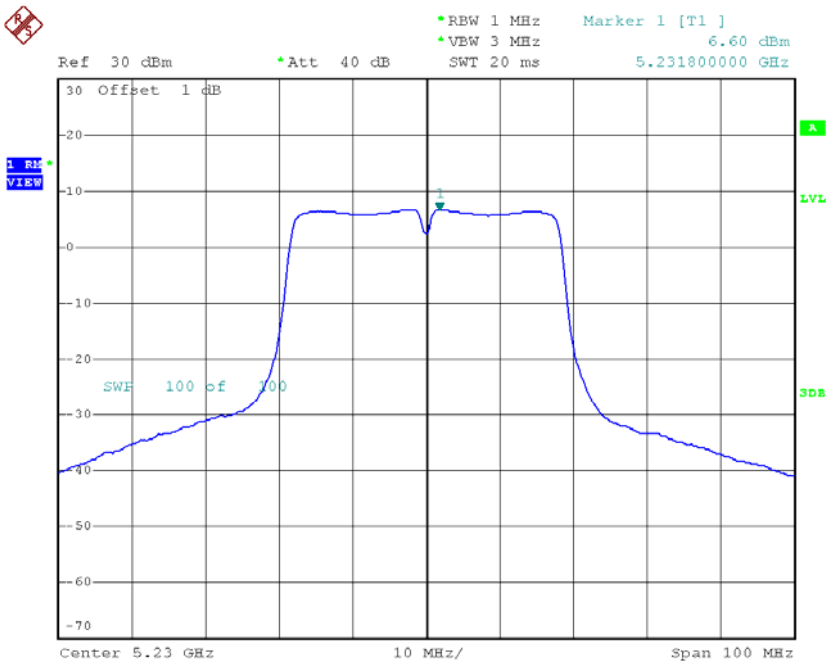
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	5.33	0.00	5.33	11.00
CH46	5230	6.60	0.00	6.60	11.00

CH38



Date: 15.JUL.2016 15:05:50

CH46

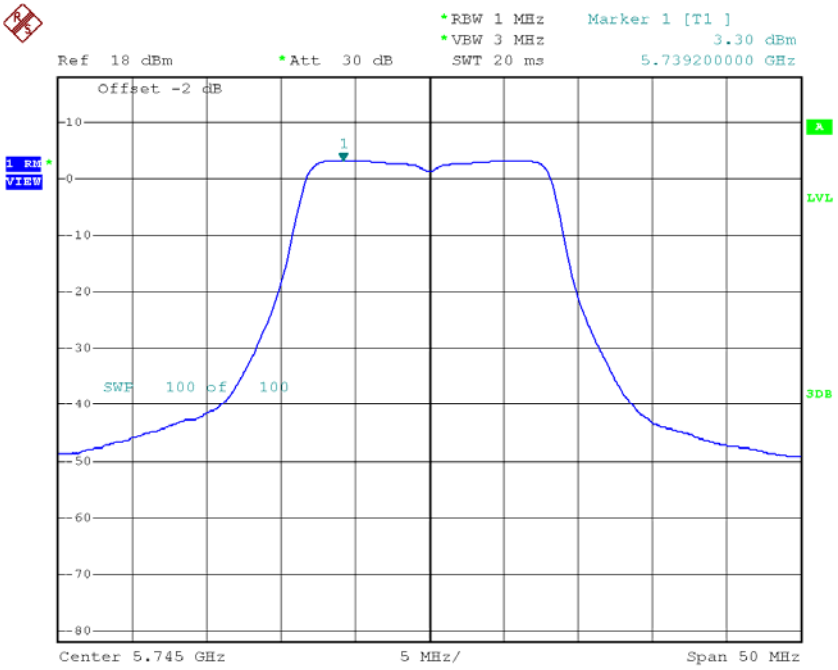


Date: 15.JUL.2016 15:07:12

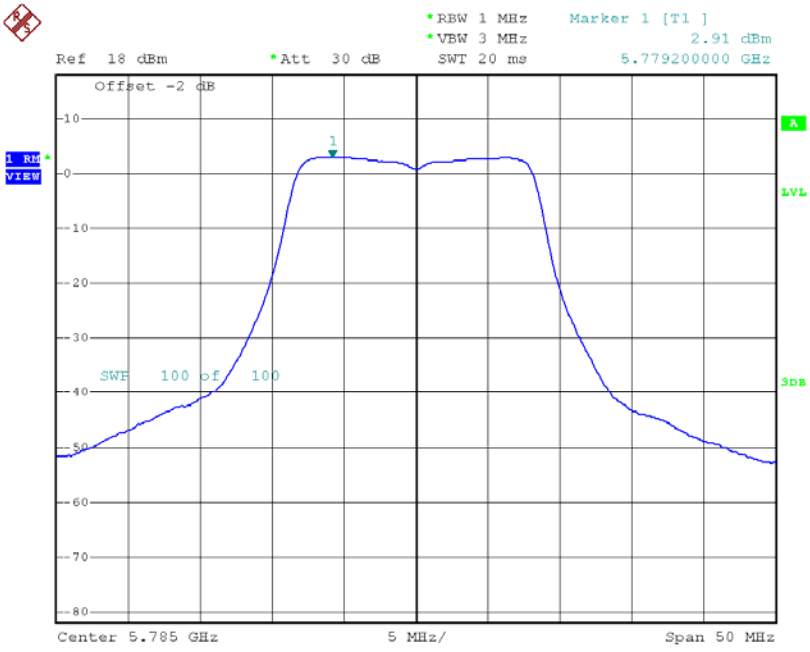
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.30	0.00	3.30	30.00
CH157	5785	2.91	0.00	2.91	30.00
CH165	5825	2.33	0.00	2.33	30.00

TX CH149

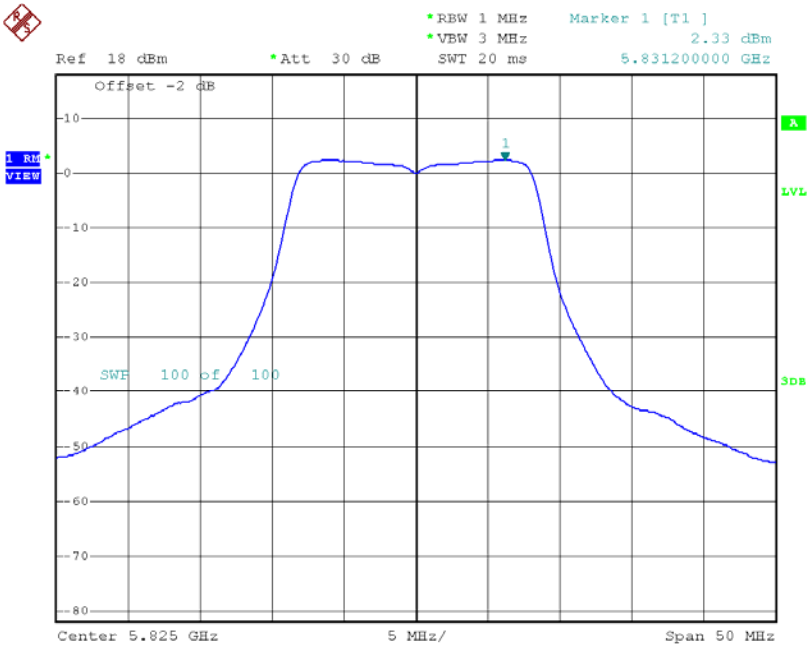


TX CH157



Date: 15.JUL.2016 16:04:15

TX CH165

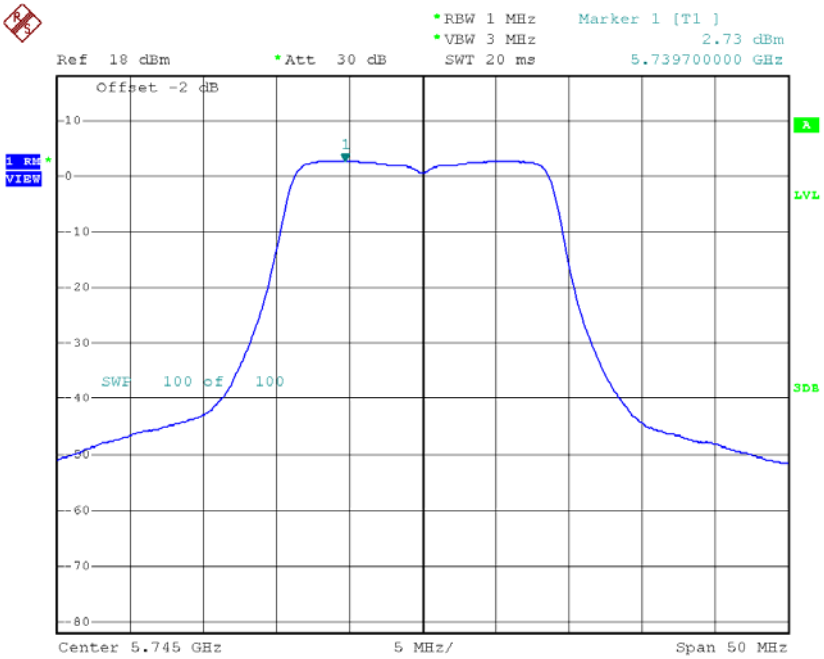


Date: 15.JUL.2016 16:04:50

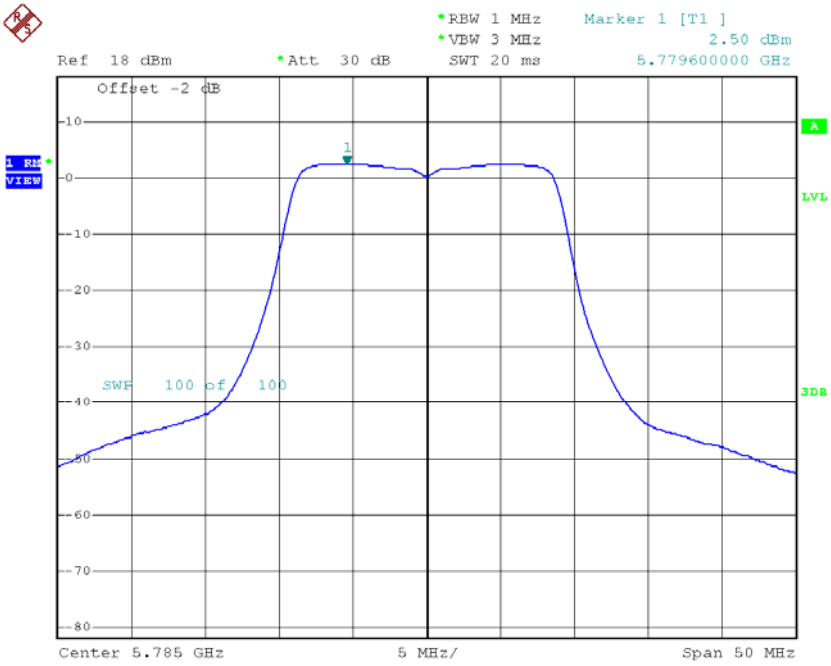
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	2.73	0.00	2.73	30.00
CH157	5785	2.50	0.00	2.50	30.00
CH165	5825	1.98	0.00	1.98	30.00

TX CH149

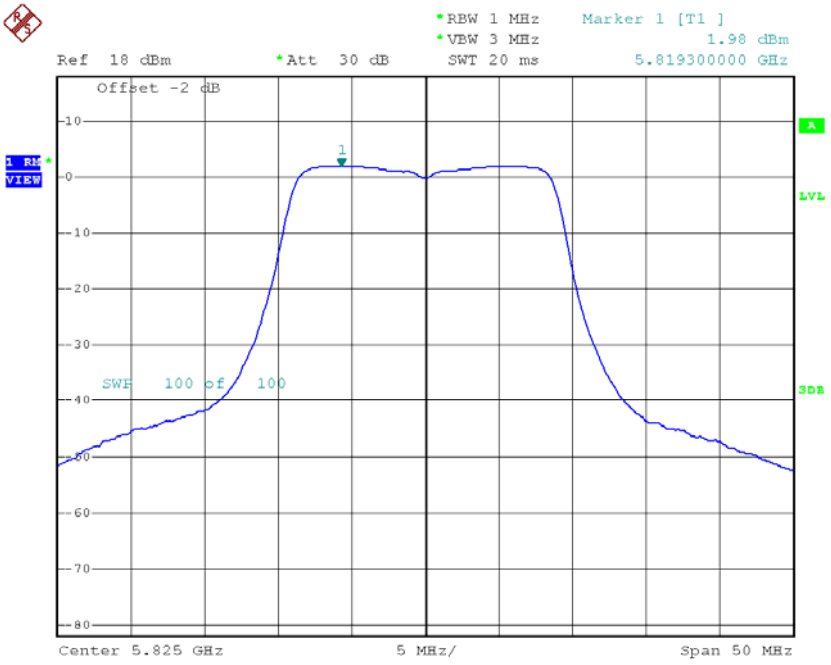


TX CH157



Date: 15.JUL.2016 16:07:39

TX CH165

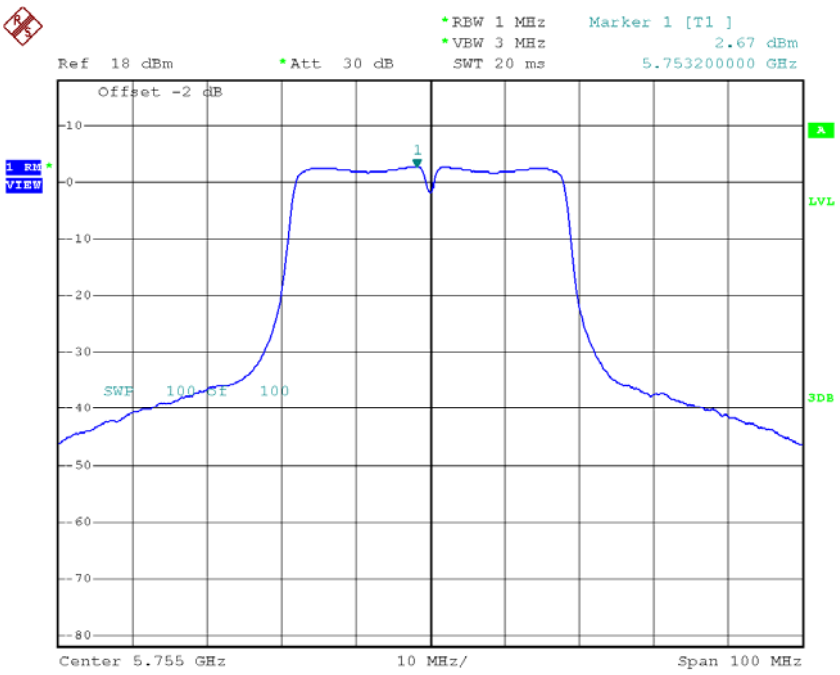


Date: 15.JUL.2016 16:08:02

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

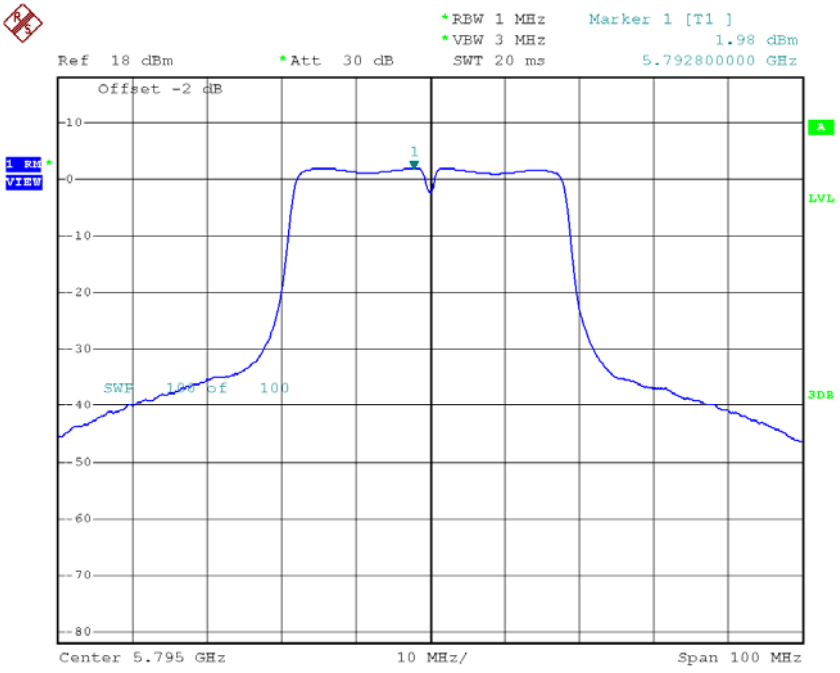
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	2.67	0.00	2.67	30.00
CH159	5795	1.98	0.00	1.98	30.00

TX CH151



Date: 15.JUL.2016 16:09:15

TX CH159

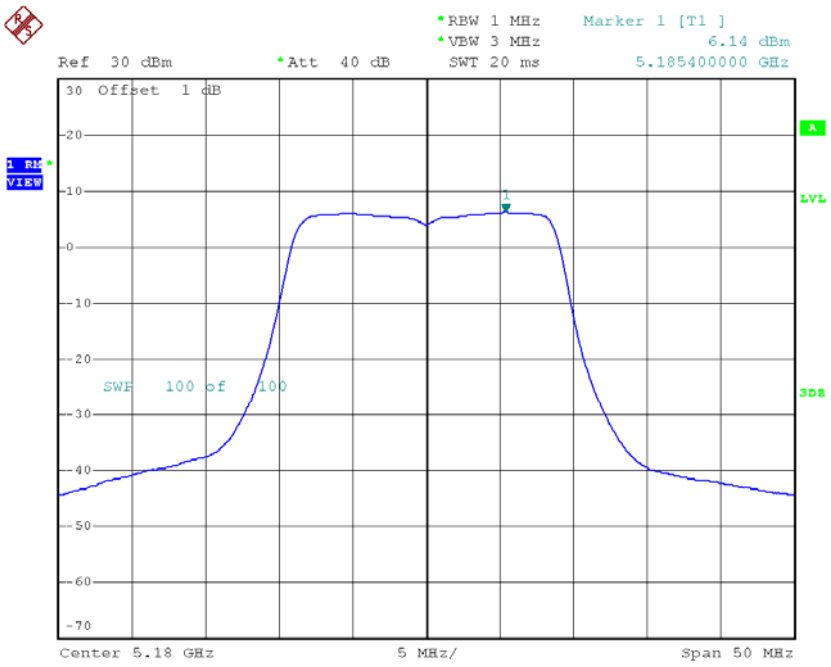


Date: 15.JUL.2016 16:09:43

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

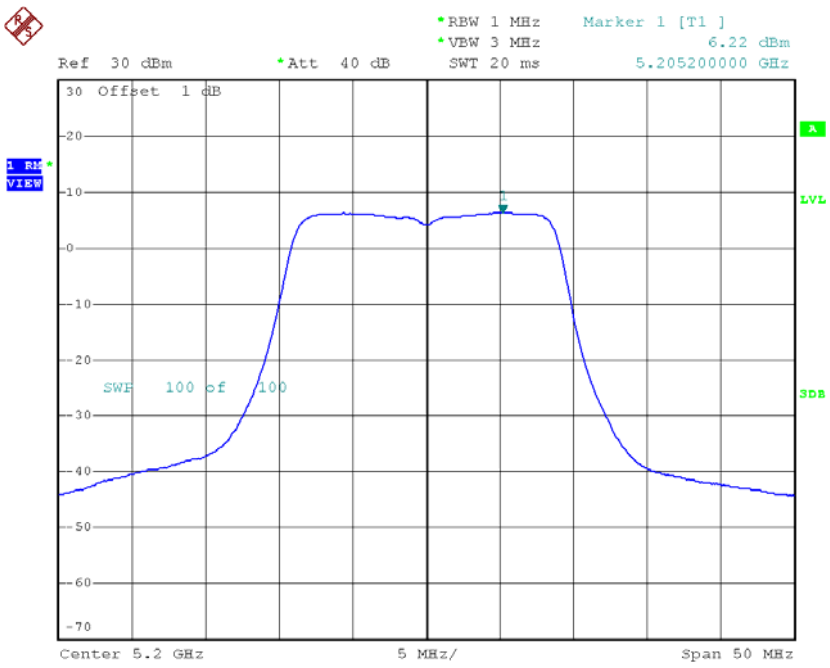
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	6.14	0.00	6.14	11.00
CH40	5200	6.22	0.00	6.22	11.00
CH48	5240	6.23	0.00	6.23	11.00

CH36



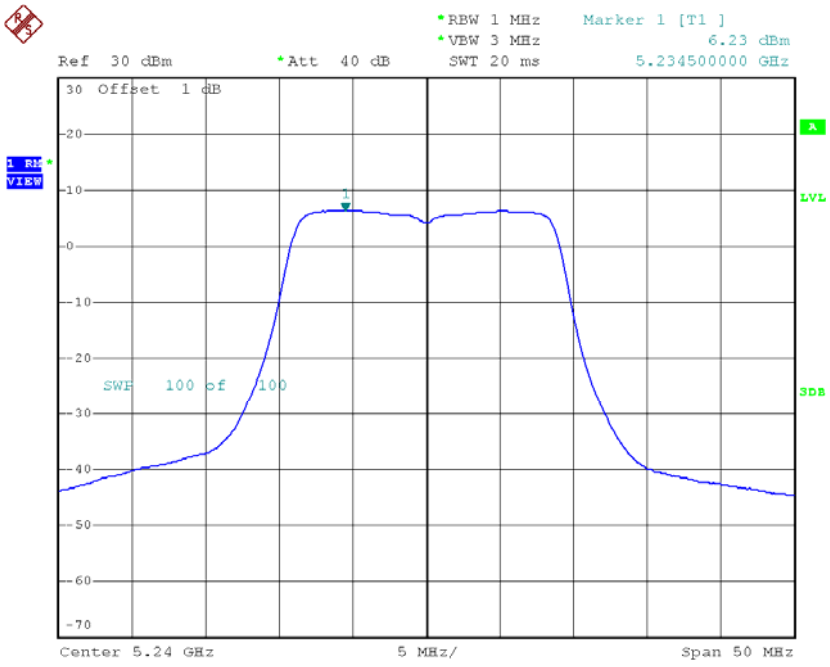
Date: 15.JUL.2016 15:13:06

CH40



Date: 15.JUL.2016 15:14:02

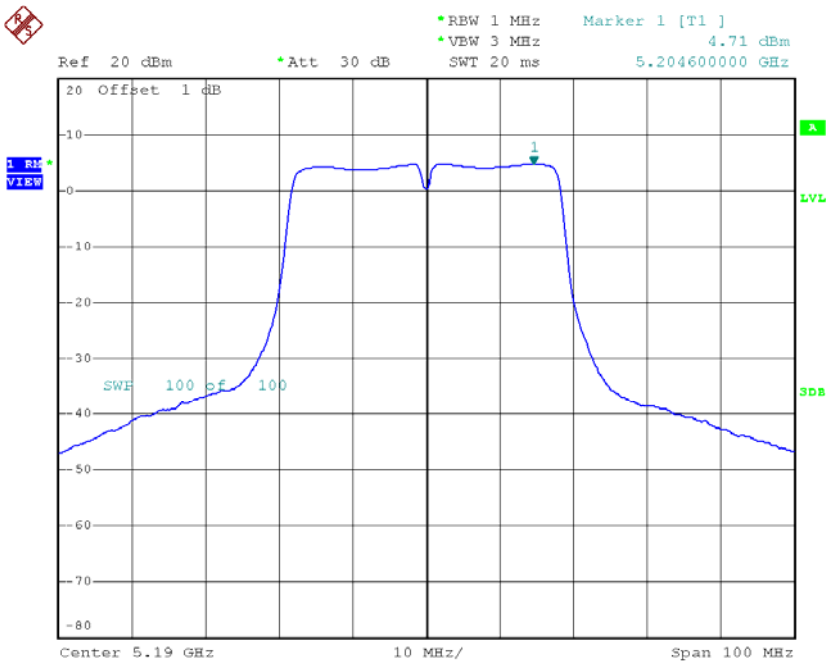
CH48



Date: 15.JUL.2016 15:15:04

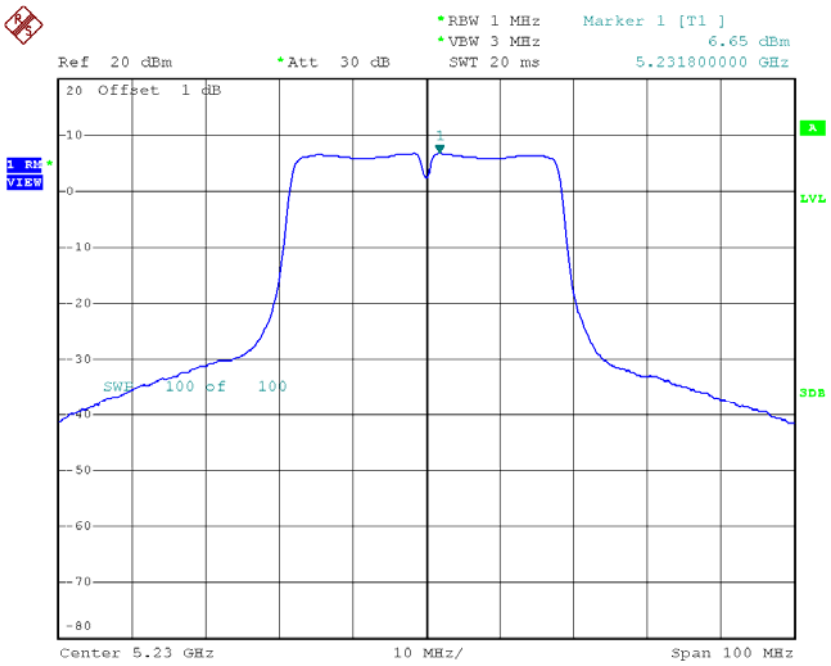
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.71	0.00	4.71	11.00
CH46	5230	6.65	0.00	6.65	11.00

CH38



Date: 15.JUL.2016 15:52:26

CH46

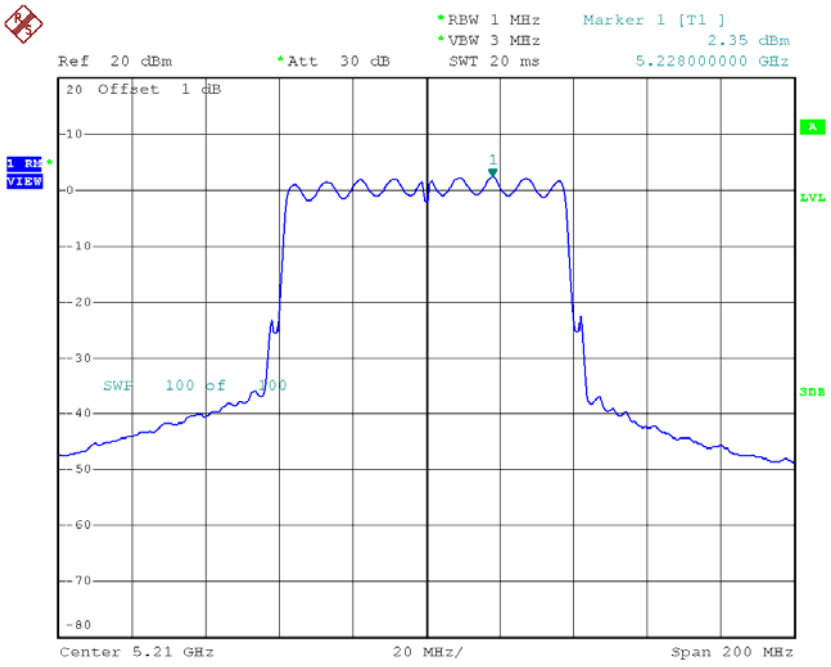


Date: 15.JUL.2016 15:53:47

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	2.35	0.00	2.35	11.00

CH42

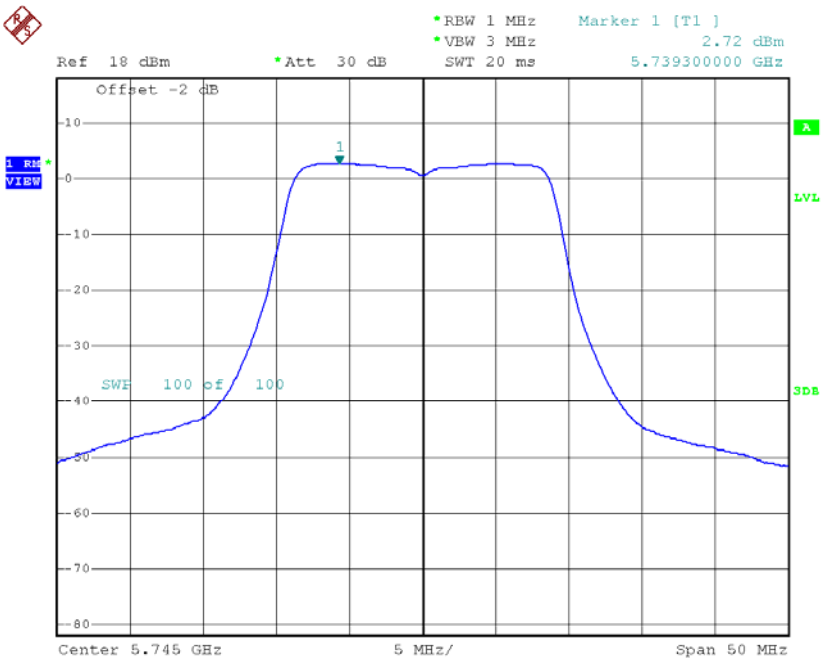


Date: 15.JUL.2016 15:59:32

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

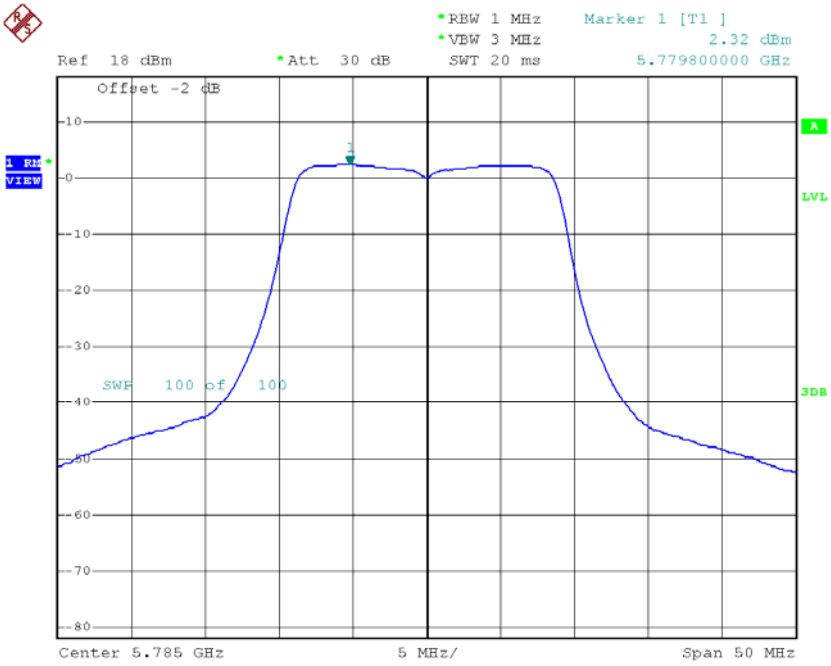
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	2.72	0.00	2.72	30.00
CH157	5785	2.32	0.00	2.32	30.00
CH165	5825	1.82	0.00	1.82	30.00

TX CH149



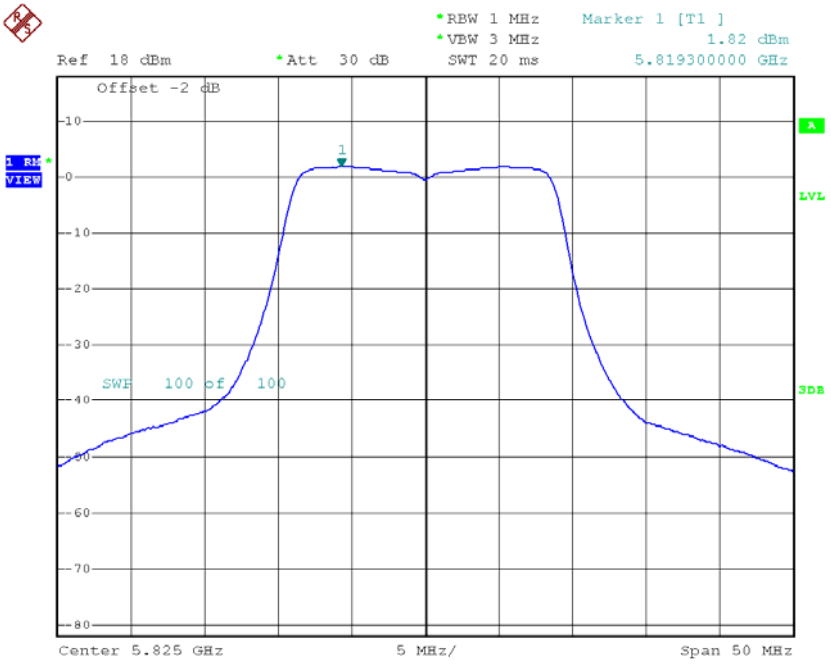
Date: 15.JUL.2016 16:12:18

TX CH157



Date: 15.JUL.2016 16:12:41

TX CH165

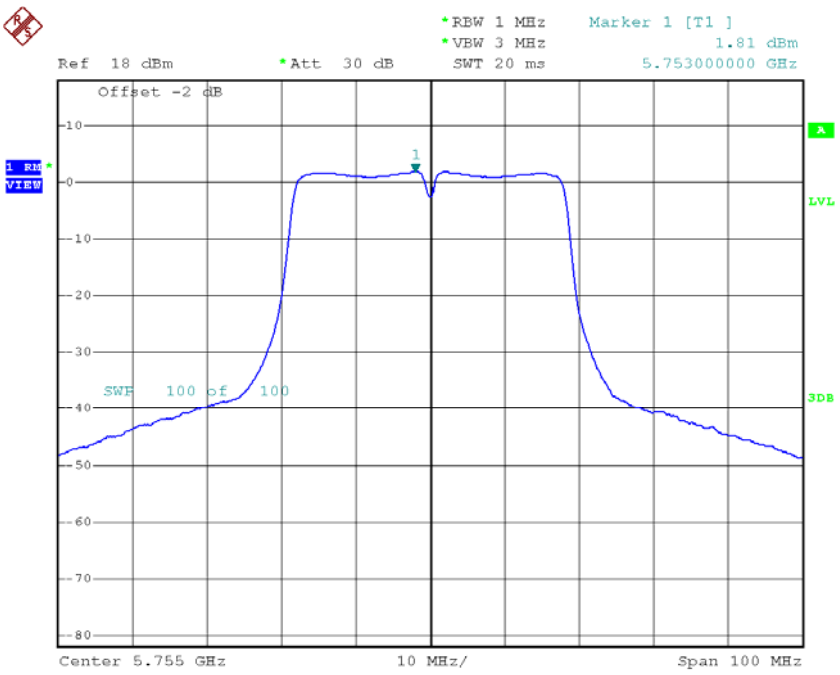


Date: 15.JUL.2016 16:13:01

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

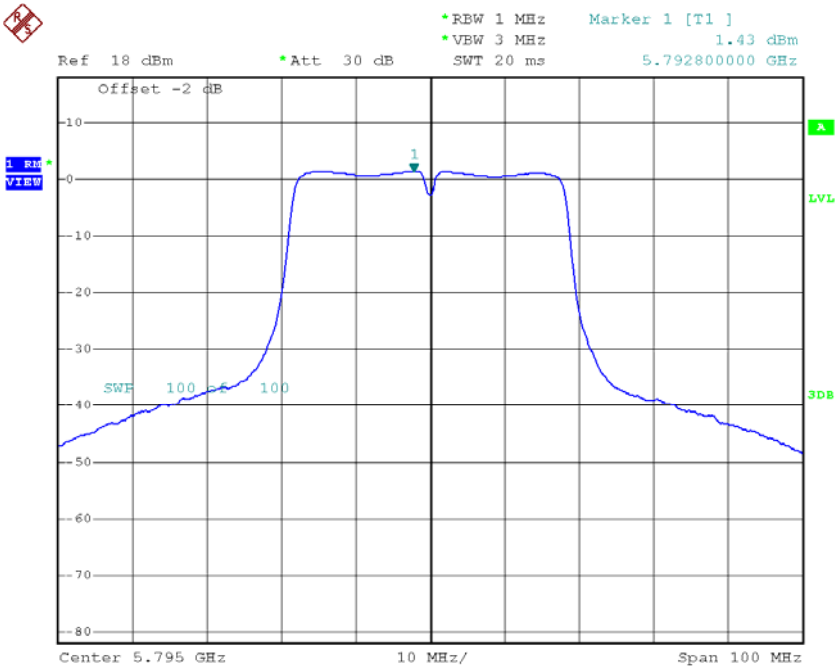
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	1.81	0.00	1.81	30.00
CH159	5795	1.43	0.00	1.43	30.00

TX CH151



Date: 15.JUL.2016 15:55:06

TX CH159

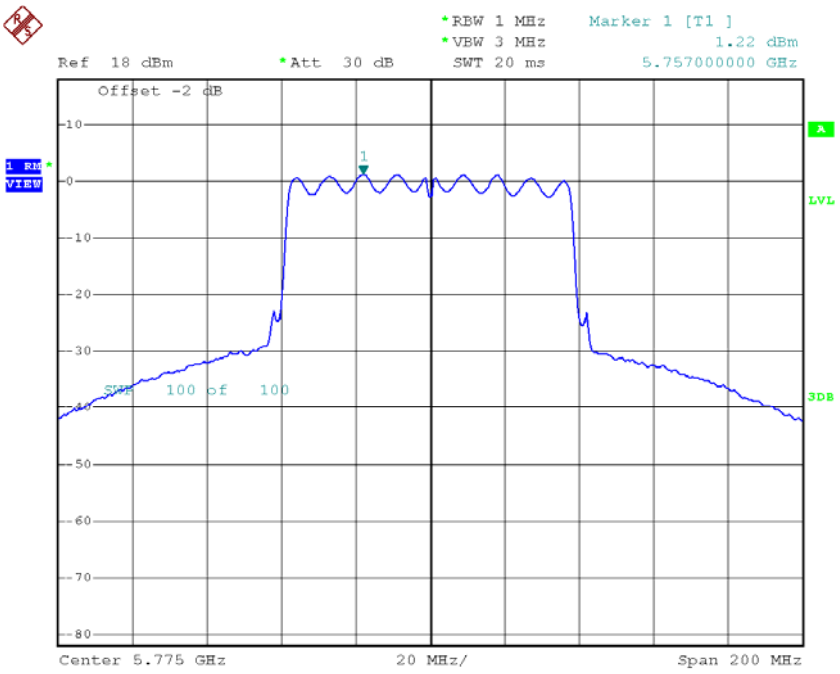


Date: 15.JUL.2016 15:56:14

Test Mode: UNII-3/ TX AC80 Mode_CH155

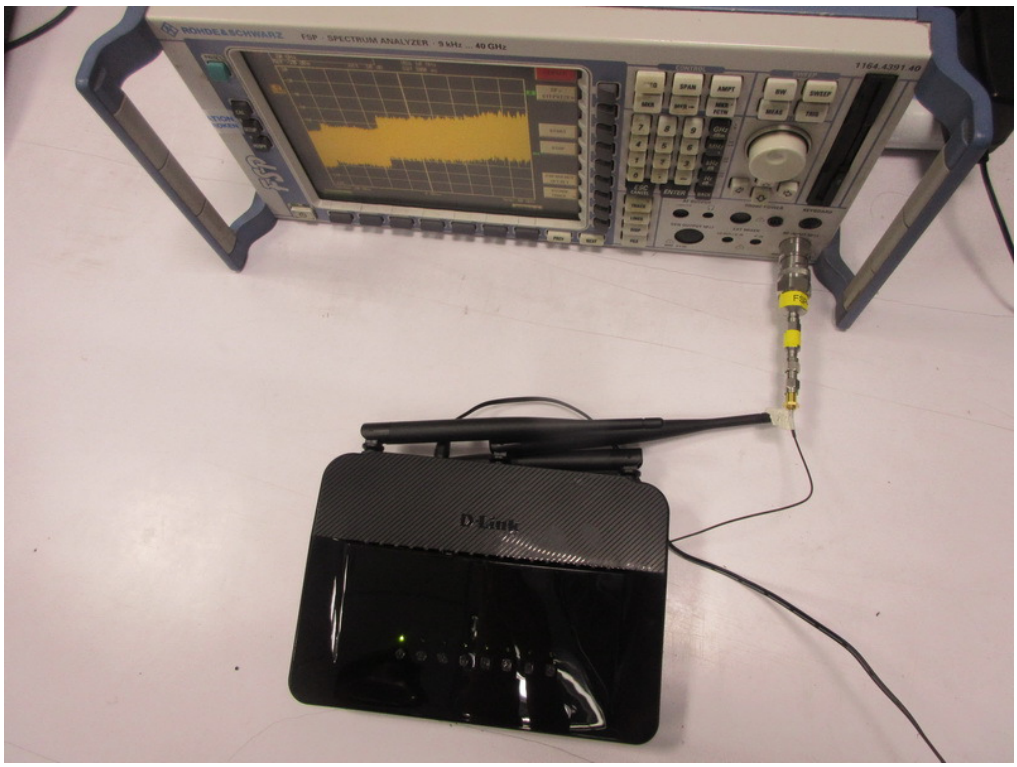
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	1.22	0.00	1.22	30.00

TX CH155



Date: 15.JUL.2016 16:01:01

Power Density Measurement Photos



ATTACHMENT H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9800
120	5179.9600
108	5179.9800
Max. Deviation (MHz)	0.0200
Max. Deviation (ppm)	3.8610

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5179.9750
5	5179.9600
15	5179.9750
25	5179.9600
35	5179.9750
45	5179.9550
50	5179.9600
Max. Deviation (MHz)	0.0450
Max. Deviation (ppm)	8.6873

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9550
120	5744.9550
108	5744.9600
Max. Deviation (MHz)	0.0450
Max. Deviation (ppm)	7.8329

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5744.9600
5	5744.9600
15	5744.9600
25	5744.9750
35	5744.9600
45	5744.9550
50	5744.9600
Max. Deviation (MHz)	0.0450
Max. Deviation (ppm)	7.8329

Frequency Stability Measurement Photos