FCCRadio Test Report

FCC ID:X4YNBL12AC

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

Project No.	:	1702C045
Equipment	:	Dual-Band AC1200 Wireless Router
Model Name	:	ARN04904U2
Applicant	:	NEXXT SOLUTIONS
Address	:	3505 N.W 107TH AVE. MIAMI FLORIDA 33178 U.S.A

Date of Receipt	:	Feb. 10, 2017
Date of Test	:	Feb. 10, 2017 ~ Mar. 03, 2017
Issued Date	:	Mar. 06, 2017
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-2-1702C045	Original Issue.	Mar. 06, 2017

1. CERTIFICATION

Equipment	:	Dual-Band AC1200 Wireless Router
Brand Name	:	NEXXT
Model Name	:	ARN04904U2
Applicant	:	NEXXT SOLUTIONS
Date of Test	:	Feb. 10, 2017 ~ Mar. 03, 2017
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1702C045) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	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 estimatedfor tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

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

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Dual-Band AC1200 Wireless Router	
Brand Name	NEXXT	
Model Name	ARN04904U2	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300Mbps
Power Source	DC voltage supplied from AC/DC adapter. Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO.,LTD Model Name:BN036-A12012U-NEXXT	
Power Rating	IP: 100-240V~50/60Hz0.4A OP:12V⎓1.0A	
Output Power	Output Power (Max.)for UNII-1	802.11a:23.90dBm 802.11n (20M): 25.75dBm 802.11n (40M): 29.56dBm 802.11ac (20M): 25.87dBm 802.11ac (40M): 25.18dBm 802.11ac (80M): 20.42dBm
	Output Power (Max.)for UNII-3	802.11a:25.70dBm 802.11n (20M): 22.84dBm 802.11n (40M): 29.17dBm 802.11ac (20M): 22.21dBm 802.11ac (40M): 28.99dBm 802.11ac (80M): 24.80dBm

Note:

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

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

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	Tenda	N/A	Dipole	N/A	5	TX/RX
2	Tenda	N/A	Dipole	N/A	5	TX/RX

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then,Direction gain = G_{ANT}, that is Directional gain=5.

4.

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

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

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

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

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

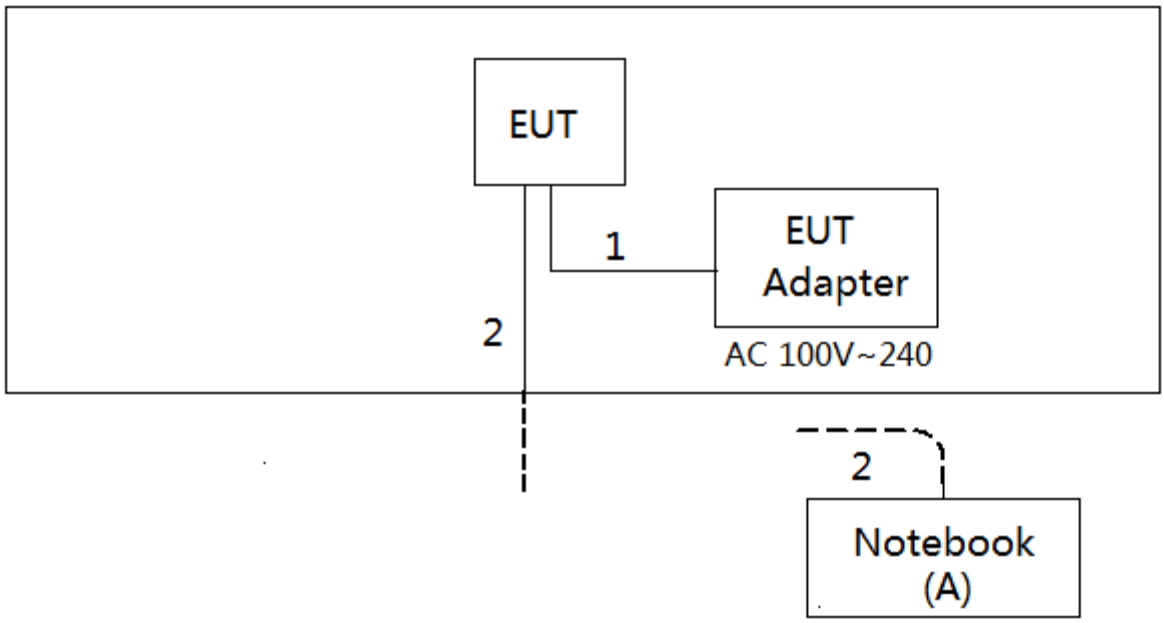
UNII-1			
Test Software Version	MTool_2.0.1.7		
Frequency (MHz)	5180	5200	5240
A Mode	86	96	96
N20 Mode	86	96	96
Frequency (MHz)	5190	5230	
N40 Mode	80	102	

UNII-3			
Test Software Version	MTool_2.0.1.7		
Frequency (MHz)	5745	5785	5825
A Mode	96	108	108
N20 Mode	86	86	84
Frequency (MHz)	5755	5795	
N40 Mode	94	108	

UNII-1			
Test Software Version	MTool_2.0.1.7		
Frequency (MHz)	5180	5200	5240
AC20 Mode	84	96	96
Frequency (MHz)	5190	5230	
AC40 Mode	76	90	
Frequency (MHz)	5210		
AC80 Mode	72		

UNII-3			
Test Software Version	MTool_2.0.1.7		
Frequency (MHz)	5745	5785	5825
AC20 Mode	82	82	82
Frequency (MHz)	5755	5795	
AC40 Mode	108	108	
Frequency (MHz)	5775		
AC80 Mode	96		

3.4 BLOCKDIAGRAMSHOWINGTHECONFIGURATIONOFSYSTEMTESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Dell 745	DCSM	DOC	G7K832X

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.2m	DC Cable
2	NO	NO	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 equipmentspowered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

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

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

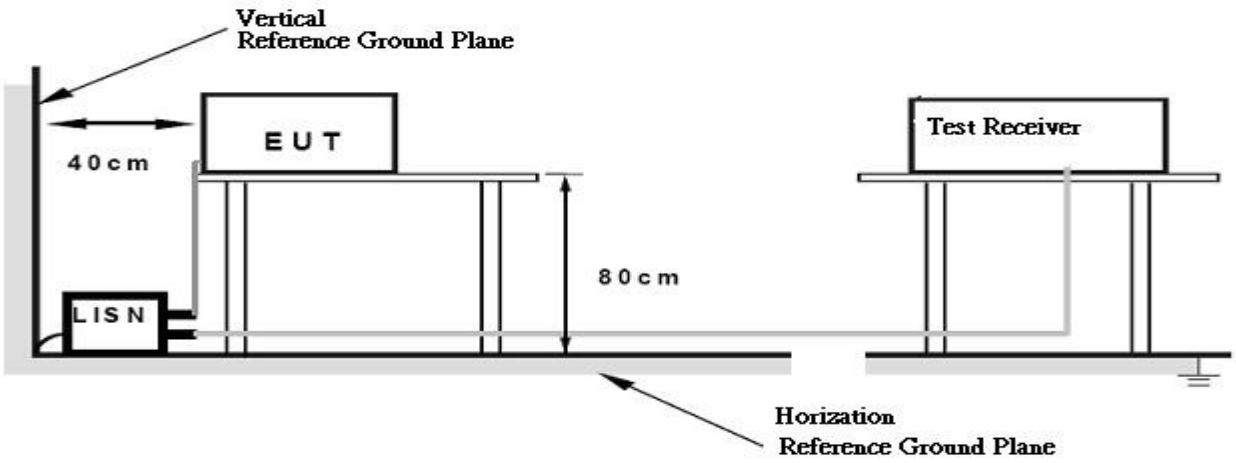
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATIONFROMTESTSTANDARD

No deviation

4.1.4 TESTSETUP



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 Modemode.

4.1.6 EUT TEST CONDITIONS

Temperature: 24°CRelative Humidity: 60%Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

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

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

4.2.2 TEST PROCEDURE

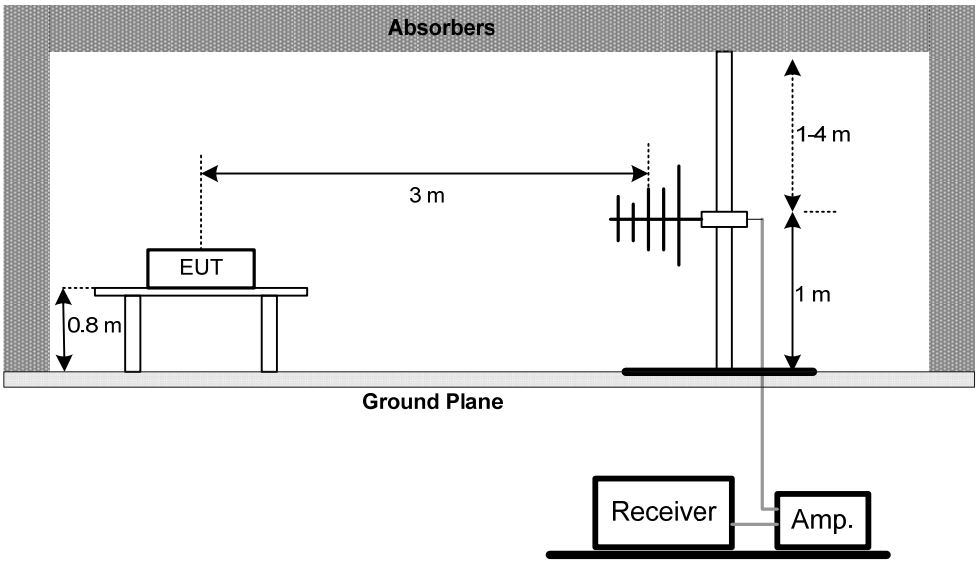
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATIONFROMTESTSTANDARD

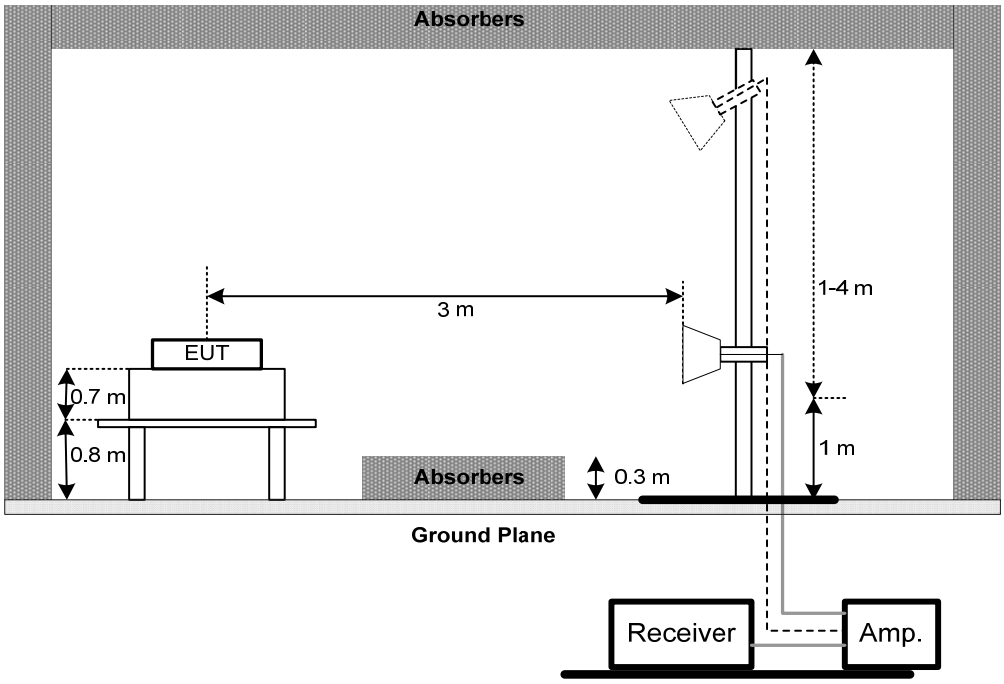
No deviation

4.2.4 TESTSETUP

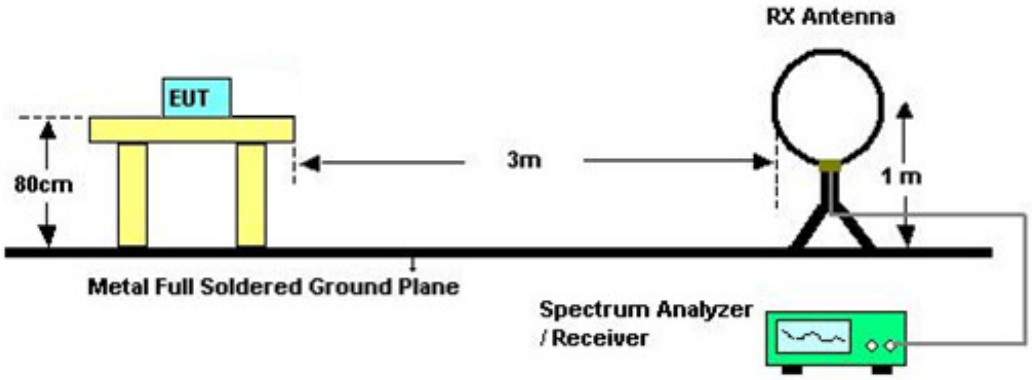
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS(BETWEEN30 TO 1000 MHz)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE1000 MHz)

Please refer to the Attachment D.

Remark:

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

5. SPECTRUM BANDWIDTH

5.1 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.

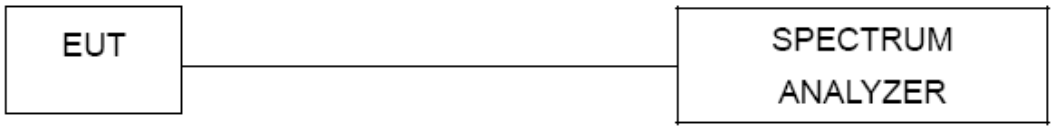
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

Temperature: 25°CRelative 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 atanyelevation 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) ofthe signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

Note:

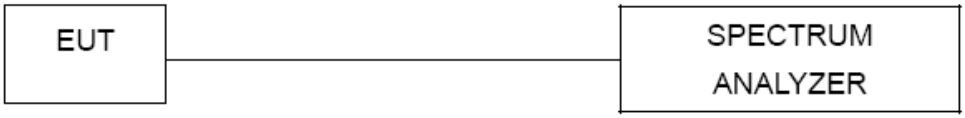
1.For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.

2.The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

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

7.1.5 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
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5725-5850	PASS

8.1.1 TEST PROCEDURE

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

b.

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

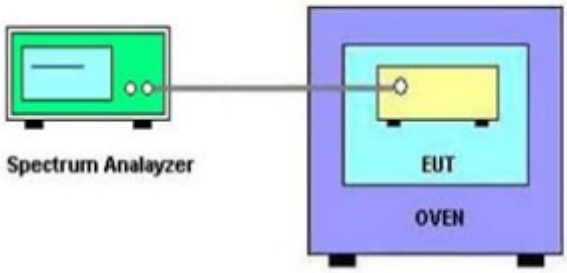
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -5°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

Temperature: 25°CRelative 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	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
2	LISN	EMCO	3816/2	52765	Mar. 27, 2017
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 27, 2017
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 27, 2017
5	Cable	emci	RG223(9KHz -30MHz)(5m)	N/A	Mar. 10, 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	Oct. 20, 2017
3	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
4	Cable	emci	LMR-400(30MHz-1GHz)(8m+5m)	N/A	Jun. 27, 2017
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Amplifier	Agilent	8449B	3008A02274	Mar. 10, 2017
9	Receiver	Agilent	N9038A	MY52130039	Sep. 04, 2017
10	Antenna	EM	EM-6876-1	230	Jul. 08, 2017
11	Controller	CT	SC100	N/A	N/A
12	Controller	MF	MF-7802	MF780208416	N/A
13	Cable	emci	EMC104-SM-SM-12000(12m)	N/A	Jul. 06, 2017
14	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 27, 2017
15	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
16	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	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	FSP40	100185	Sep. 04, 2017

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017
2	Precision Oven Tester	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.

10. EUT TEST PHOTOS

Conducted Measurement Photos

Radiated Measurement Photos

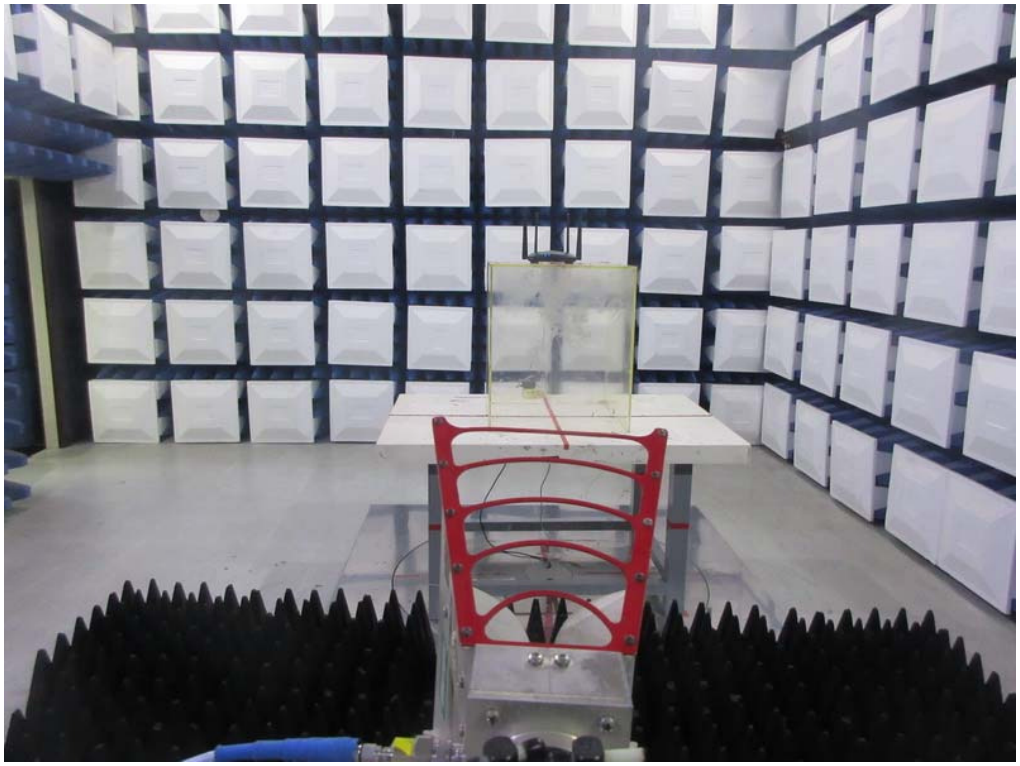
9KHz to 30MHz

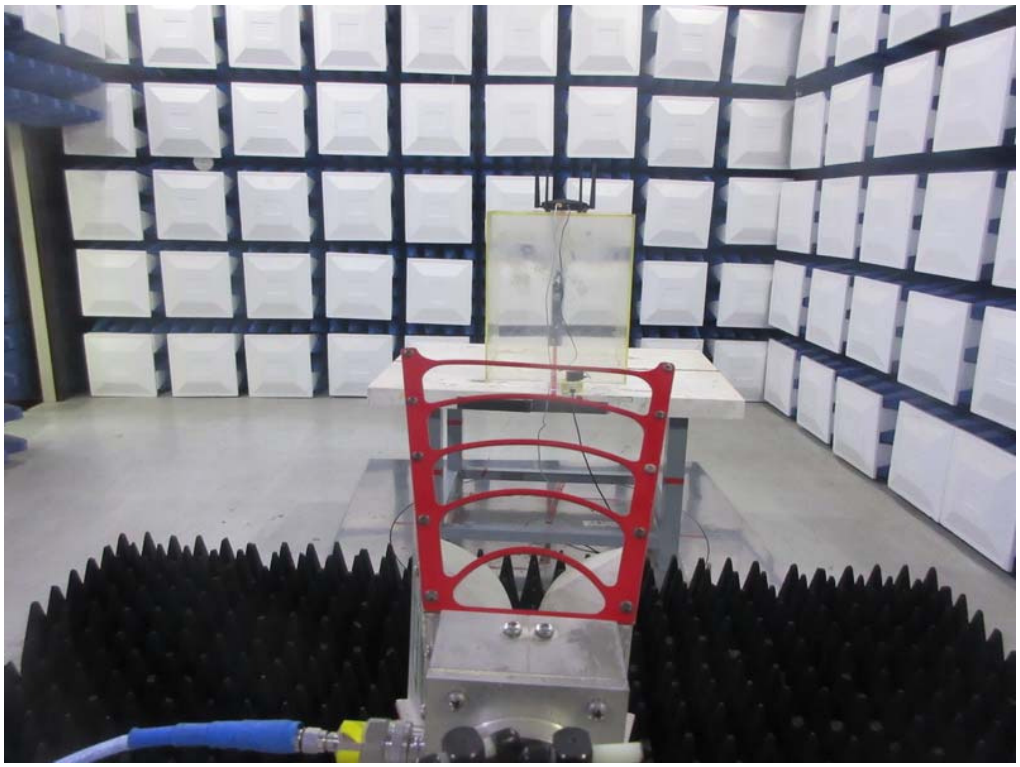
Radiated Measurement Photos

30MHz to 1000MHz

Radiated Measurement Photos

Above 1000MHz

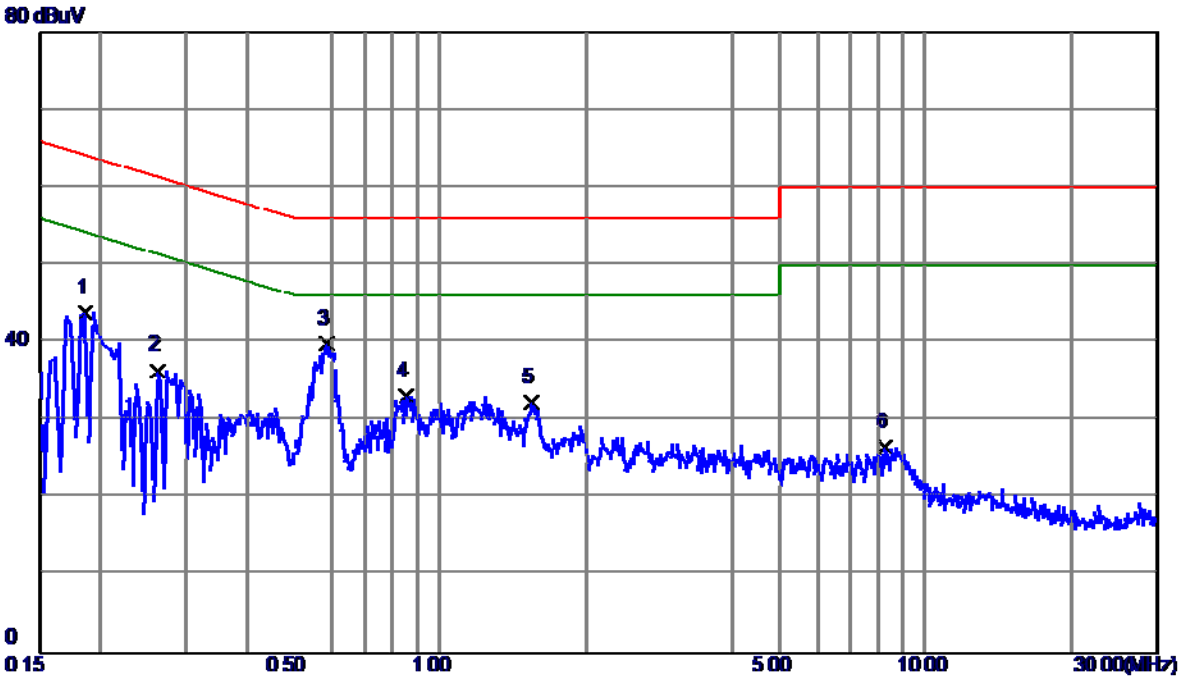




ATTACHMENT A -CONDUCTED EMISSION

Test Mode:	TX MODE

Line

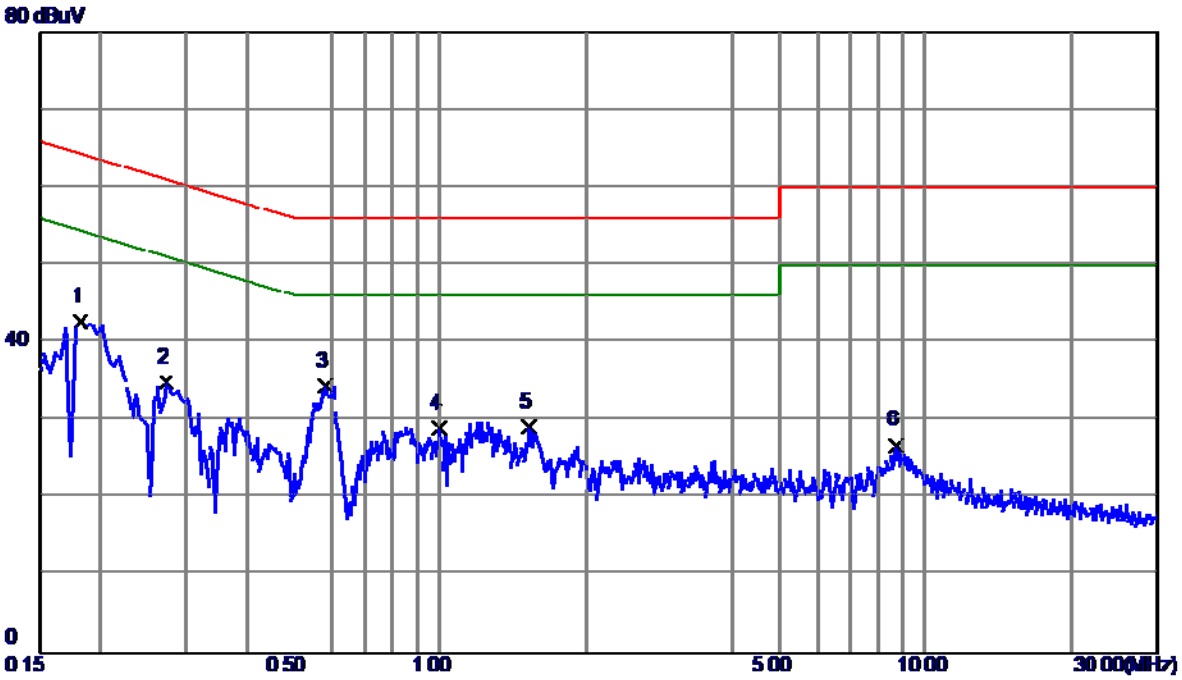


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1860	34.21	9.57	43.78	64.21	-20.43	Peak	
2	0.2620	26.83	9.57	36.40	61.37	-24.97	Peak	
3 *	0.5860	30.16	9.70	39.86	56.00	-16.14	Peak	
4	0.8500	23.29	9.82	33.11	56.00	-22.89	Peak	
5	1.5420	22.37	9.98	32.35	56.00	-23.65	Peak	
6	8.2540	16.05	10.44	26.49	60.00	-33.51	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



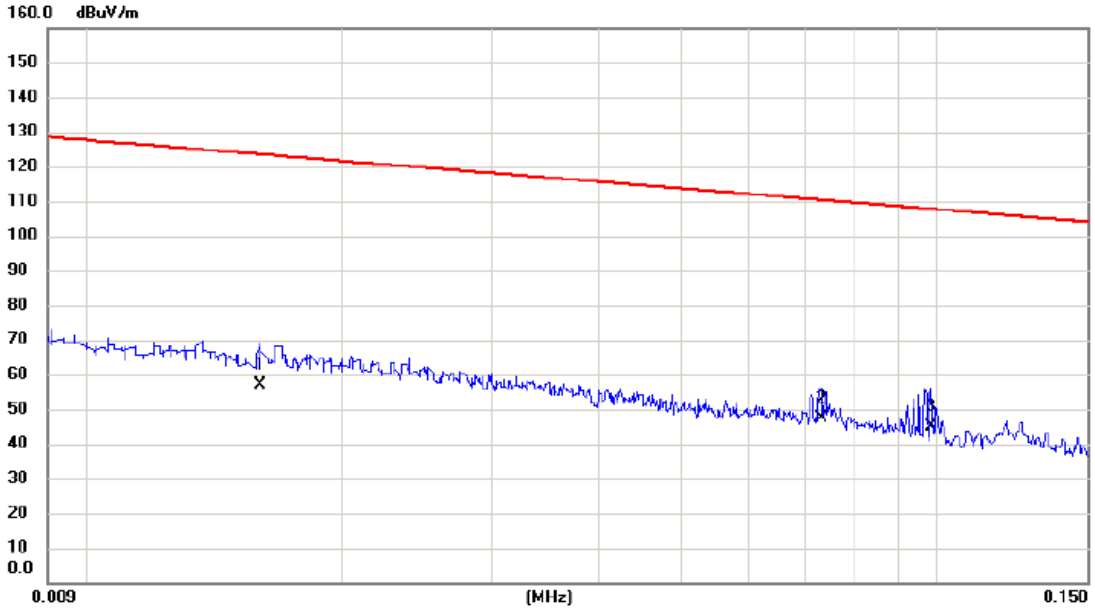
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1819	33.23	9.51	42.74	64.40	-21.66	Peak	
2	0.2740	25.26	9.57	34.83	61.00	-26.17	Peak	
3 *	0.5820	24.88	9.50	34.38	56.00	-21.62	Peak	
4	0.9980	19.21	9.74	28.95	56.00	-27.05	Peak	
5	1.5260	19.33	9.78	29.11	56.00	-26.89	Peak	
6	8.6899	16.38	10.42	26.80	60.00	-33.20	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

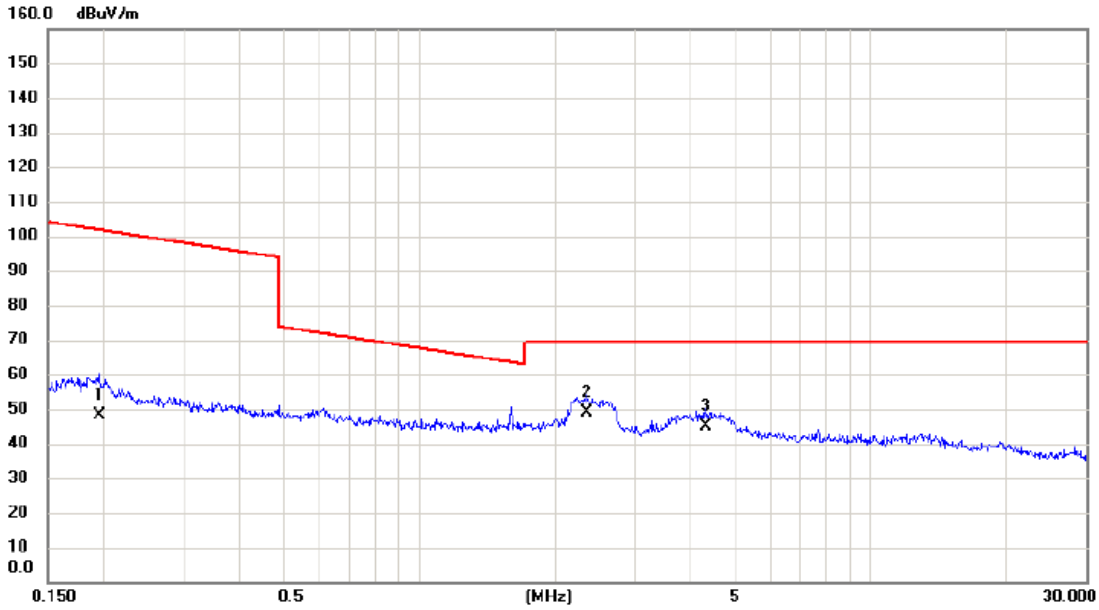
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0160	33.06	23.76	56.82	123.52	-66.70	AVG	
2		0.0730	27.75	19.55	47.30	110.34	-63.04	AVG	
3	*	0.0984	26.51	18.50	45.01	107.75	-62.74	AVG	

Test Mode:	TX MODE

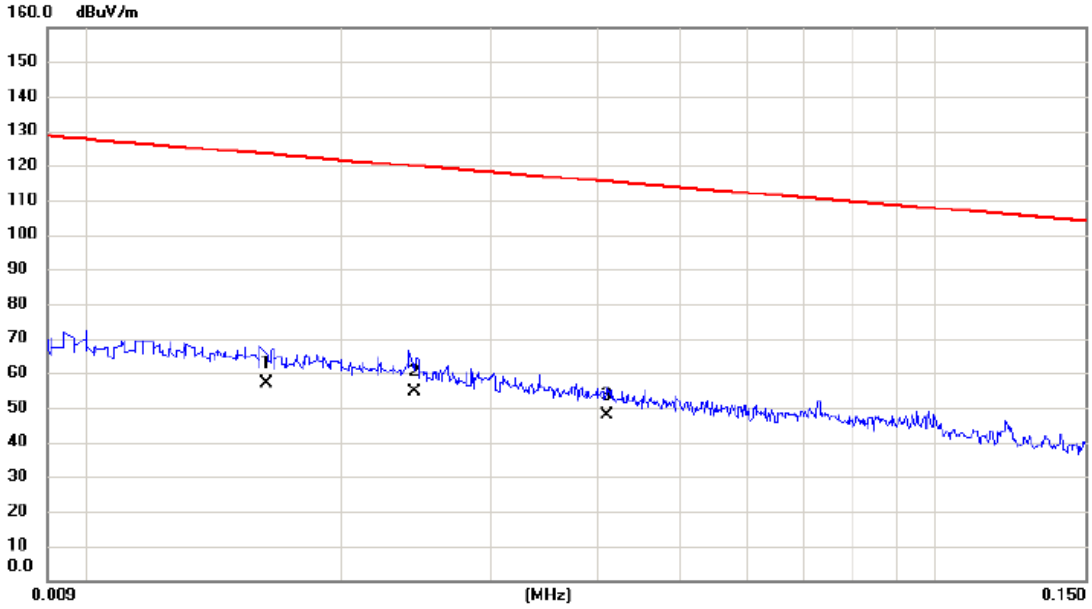
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1954	29.57	18.69	48.26	101.79	-53.53	AVG	
2	*	2.3460	31.65	17.46	49.11	69.54	-20.43	QP	
3		4.3146	27.02	18.10	45.12	69.54	-24.42	QP	

Test Mode:	TX MODE

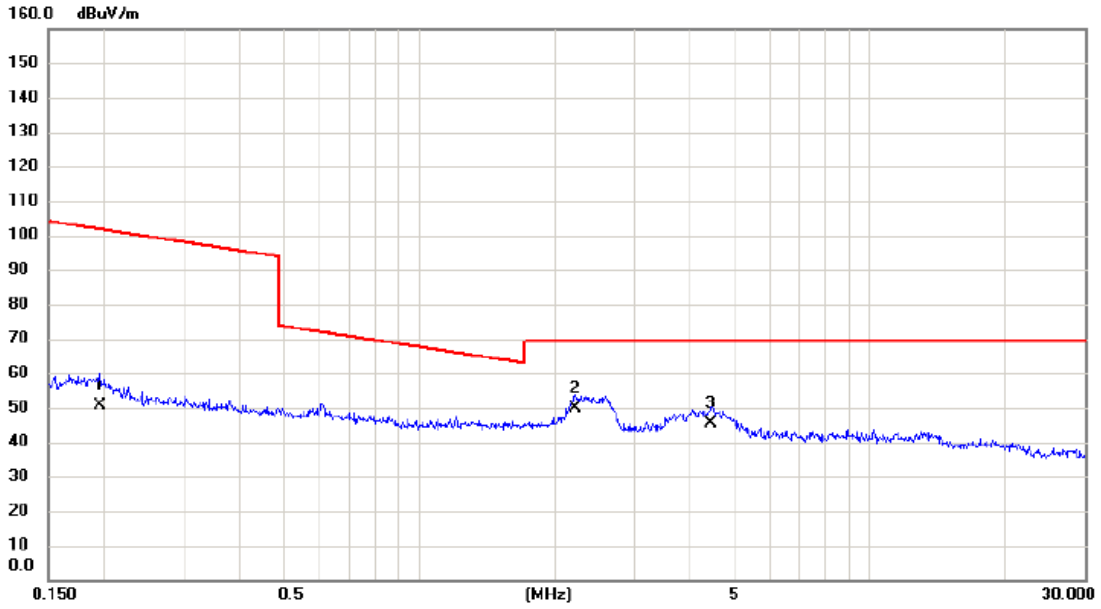
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0163	33.10	23.74	56.84	123.36	-66.52	AVG	
2	*	0.0244	31.70	22.98	54.68	119.86	-65.18	AVG	
3		0.0411	27.04	20.92	47.96	115.33	-67.37	AVG	

Test Mode:	TX MODE

Ant 90°

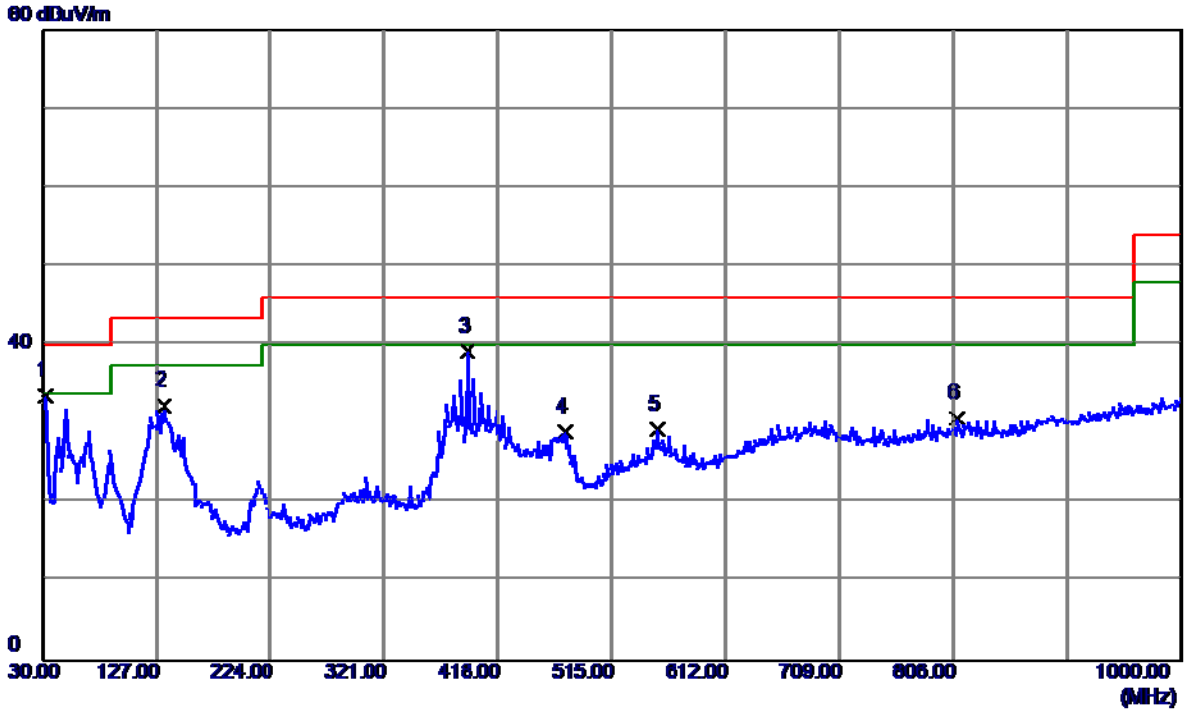


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1955	32.11	18.69	50.80	101.78	-50.98	AVG	
2	*	2.2250	32.13	17.62	49.75	69.54	-19.79	QP	
3		4.4540	27.39	17.82	45.21	69.54	-24.33	QP	

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

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

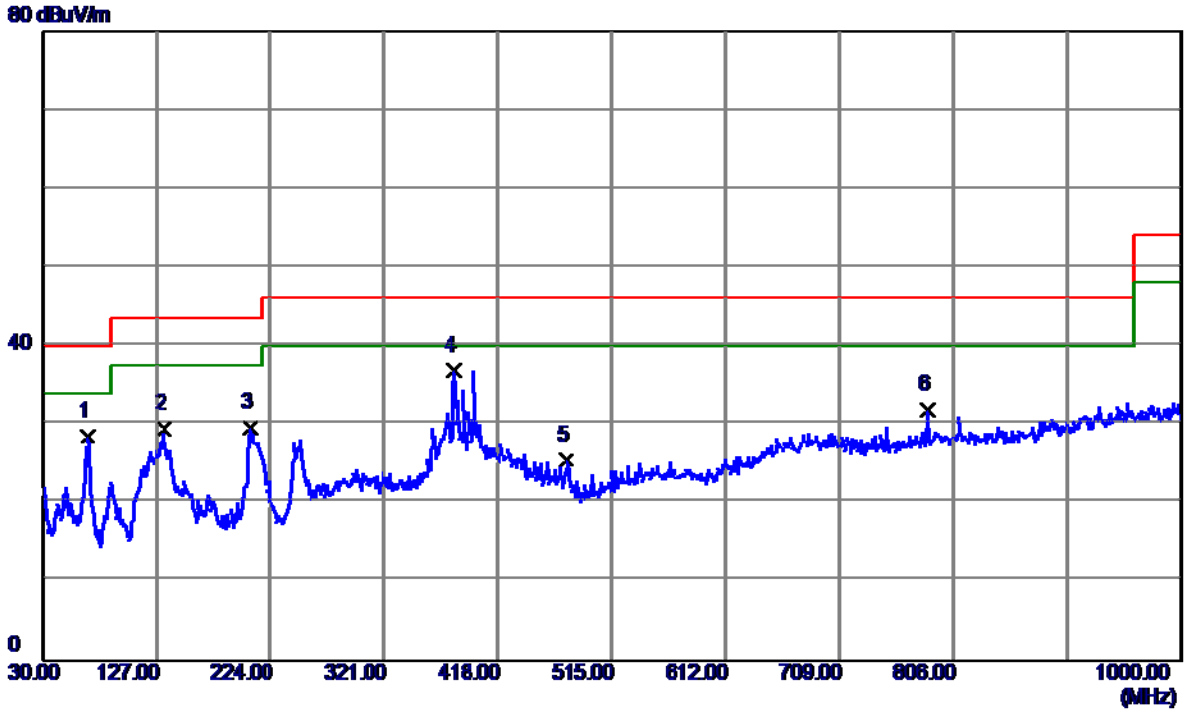
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	46.78	-13.17	33.61	40.00	-6.39	Peak	
2	133.7899	43.76	-11.42	32.34	43.50	-11.16	Peak	
3	391.8100	46.97	-7.78	39.19	46.00	-6.81	Peak	
4	474.7450	36.39	-7.36	29.03	46.00	-16.97	Peak	
5	553.3150	33.70	-4.47	29.23	46.00	-16.77	Peak	
6	808.9099	30.17	0.61	30.78	46.00	-15.22	Peak	

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

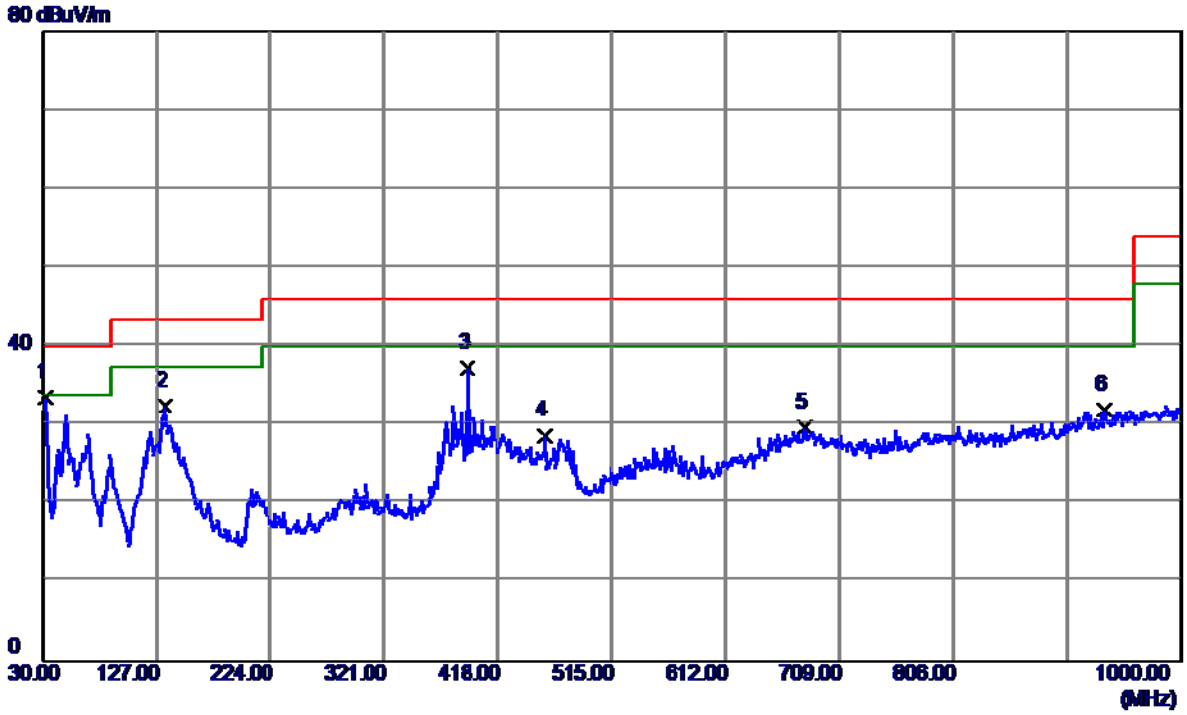
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MIlz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.8000	43.40	-14.86	28.54	40.00	-11.46	Peak	
2	133.3049	40.84	-11.38	29.46	43.50	-14.04	Peak	
3	206.5399	43.58	-13.94	29.64	43.50	-13.86	Peak	
4 *	380.1700	45.37	-8.62	36.75	46.00	-9.25	Peak	
5	476.6850	32.87	-7.38	25.49	46.00	-20.51	Peak	
6	784.1750	31.70	0.14	31.84	46.00	-14.16	Peak	

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

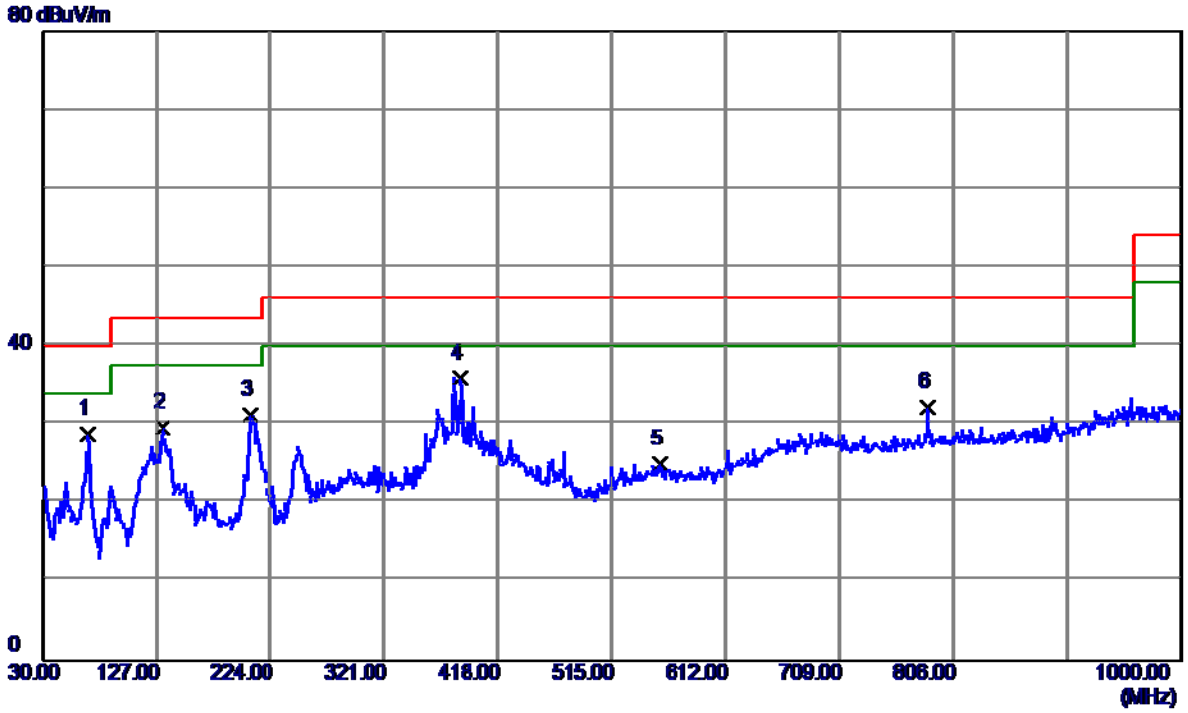
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	46.78	-13.17	33.61	40.00	-6.39	Peak	
2	134.2750	43.94	-11.46	32.48	43.50	-11.02	Peak	
3	391.8100	45.07	-7.78	37.29	46.00	-8.71	Peak	
4	458.2550	35.89	-7.17	28.72	46.00	-17.28	Peak	
5	680.3850	30.84	-1.06	29.78	46.00	-16.22	Peak	
6	935.0100	29.26	2.75	32.01	46.00	-13.99	Peak	

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

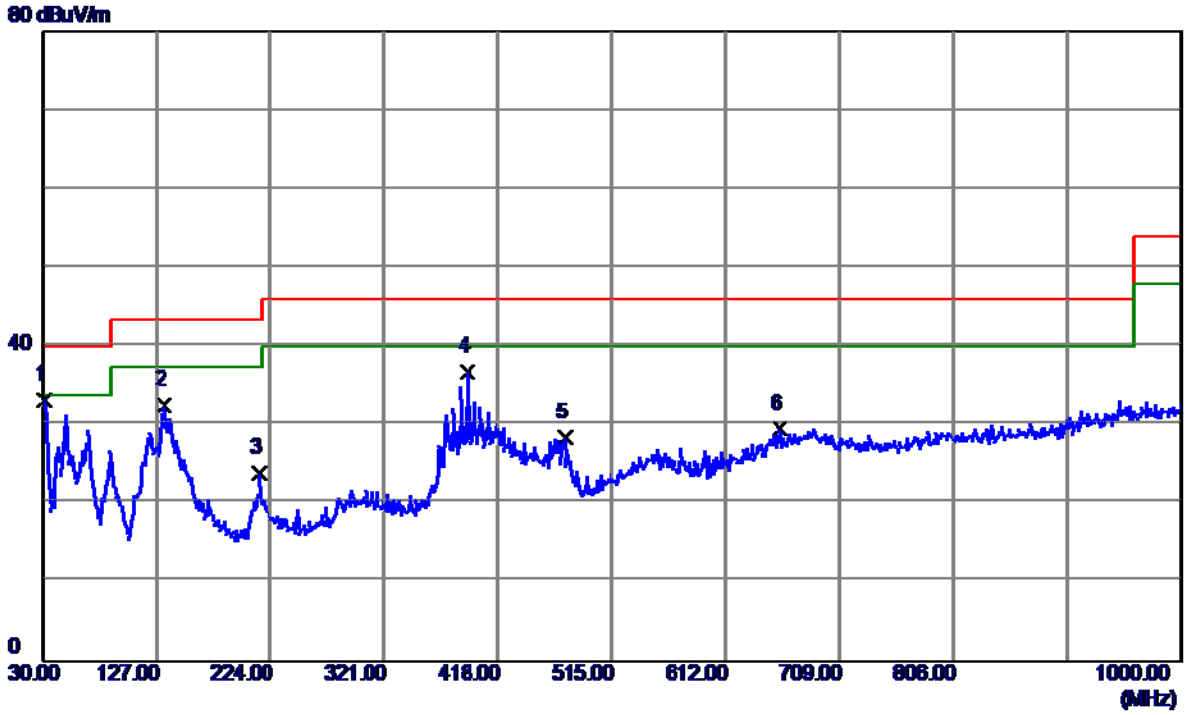
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MIlz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.8000	43.71	-14.86	28.85	40.00	-11.15	Peak	
2	132.8200	40.99	-11.35	29.64	43.50	-13.86	Peak	
3	207.0250	45.16	-13.96	31.20	43.50	-12.30	Peak	
4 *	385.9900	44.10	-8.20	35.90	46.00	-10.10	Peak	
5	556.2250	29.50	-4.49	25.01	46.00	-20.99	Peak	
6	784.1750	32.06	0.14	32.20	46.00	-13.80	Peak	

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

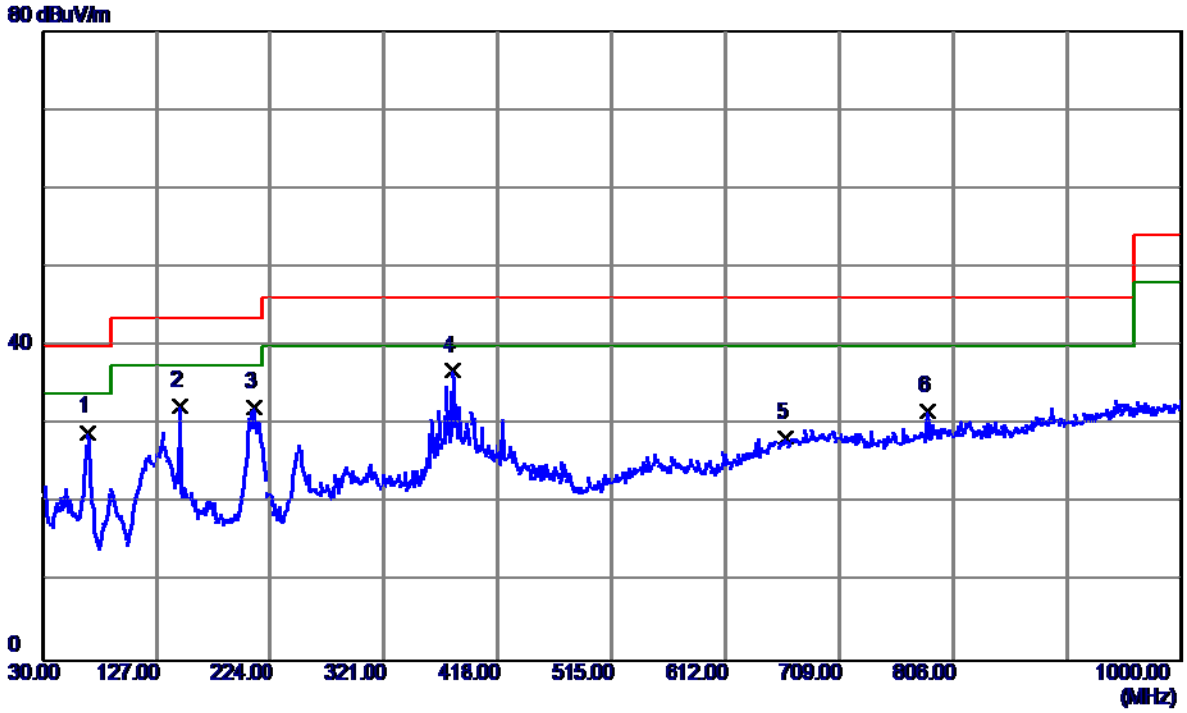
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.4550	46.43	-13.08	33.35	40.00	-6.65	Peak	
2	133.3049	43.97	-11.38	32.59	43.50	-10.91	Peak	
3	214.3000	37.99	-14.04	23.95	43.50	-19.55	Peak	
4	391.8100	44.52	-7.78	36.74	46.00	-9.26	Peak	
5	474.7450	35.87	-7.36	28.51	46.00	-17.49	Peak	
6	658.5600	31.17	-1.51	29.66	46.00	-16.34	Peak	

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

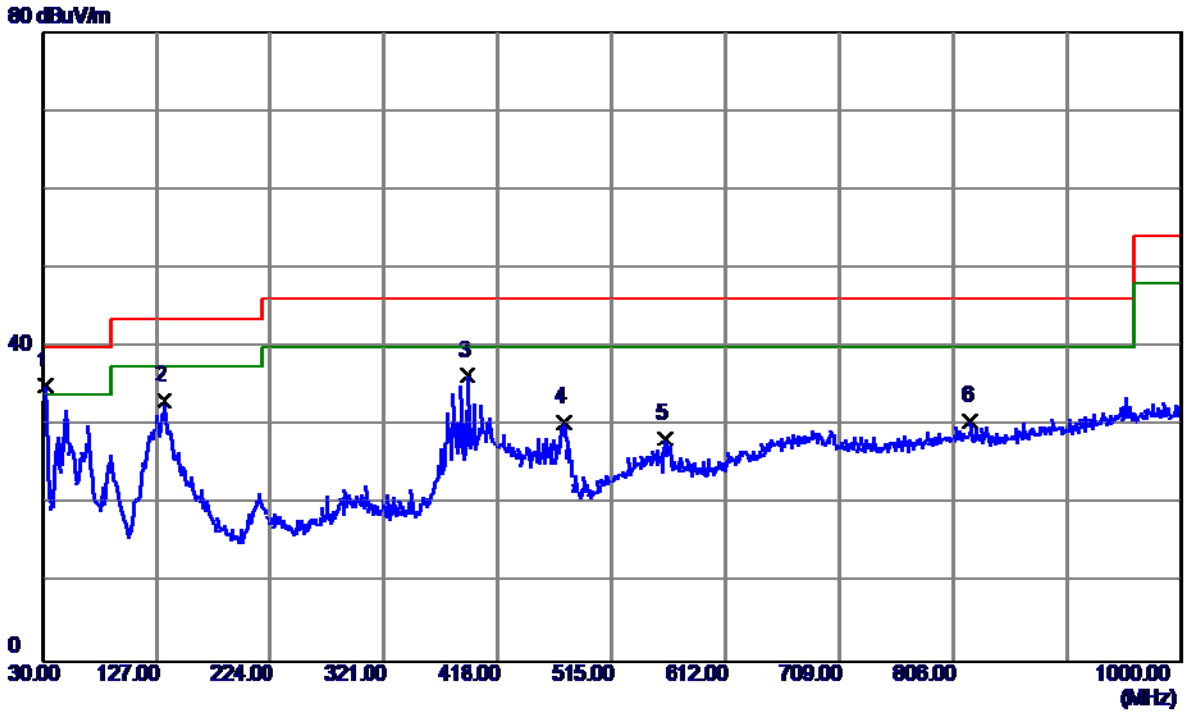
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MIlz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.8000	43.90	-14.86	29.04	40.00	-10.96	Peak	
2	147.3700	44.21	-11.91	32.30	43.50	-11.20	Peak	
3	210.4200	46.28	-14.09	32.19	43.50	-11.31	Peak	
4 *	379.6850	45.42	-8.65	36.77	46.00	-9.23	Peak	
5	663.8950	29.72	-1.40	28.32	46.00	-17.68	Peak	
6	784.1750	31.51	0.14	31.65	46.00	-14.35	Peak	

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

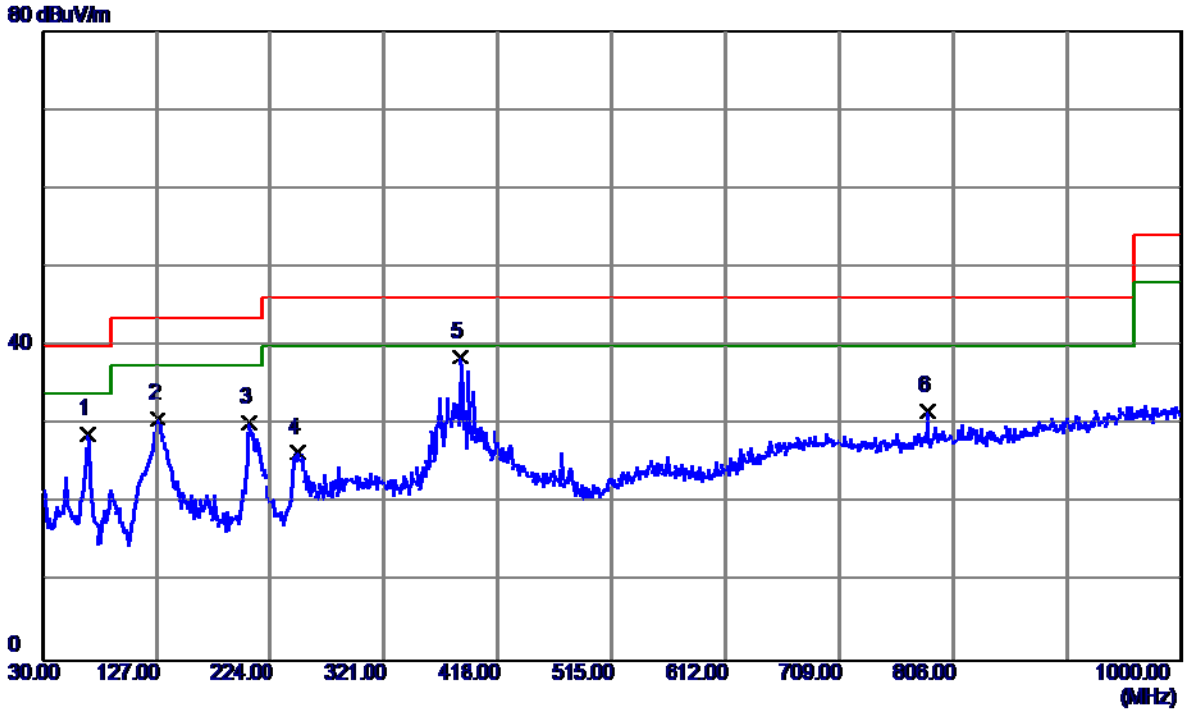
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	48.26	-13.17	35.09	40.00	-4.91	Peak	
2	133.7899	44.49	-11.42	33.07	43.50	-10.43	Peak	
3	391.8100	44.13	-7.78	36.35	46.00	-9.65	Peak	
4	474.2600	37.82	-7.35	30.47	46.00	-15.53	Peak	
5	560.1050	32.87	-4.52	28.35	46.00	-17.65	Peak	
6	820.5500	29.95	0.60	30.55	46.00	-15.45	Peak	

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

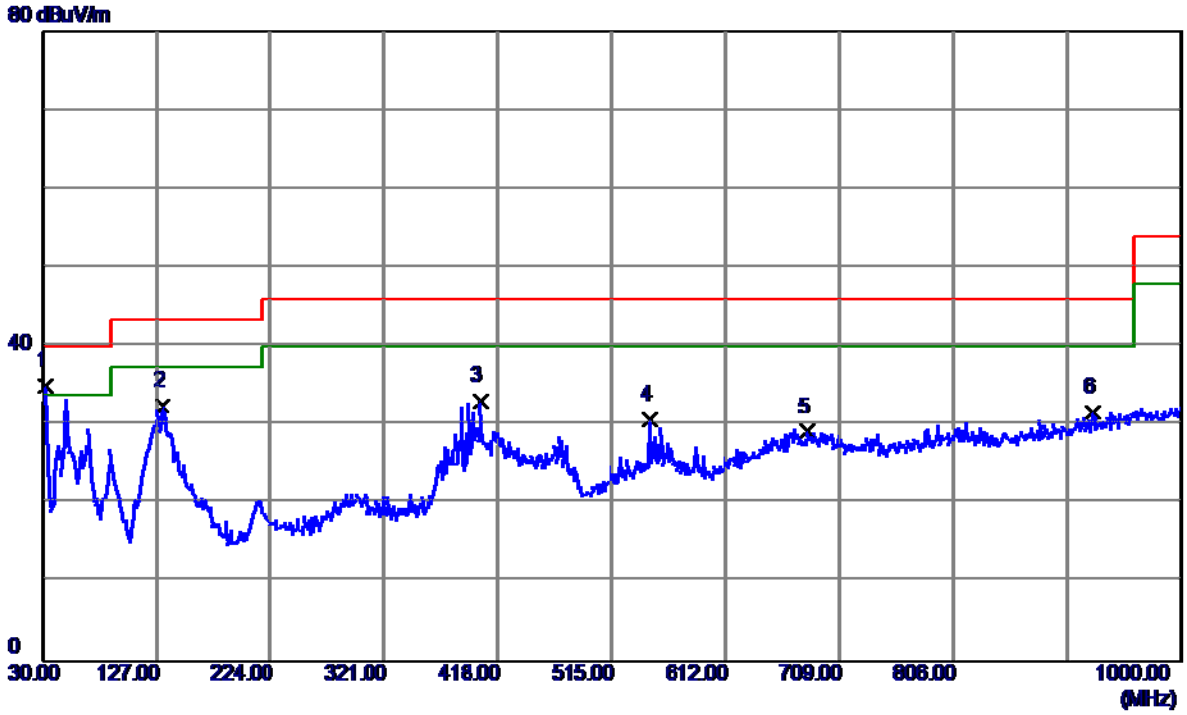
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MIlz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.8000	43.61	-14.86	28.75	40.00	-11.25	Peak	
2	127.9700	42.10	-11.44	30.66	43.50	-12.84	Peak	
3	206.0549	44.09	-13.92	30.17	43.50	-13.33	Peak	
4	247.7650	39.80	-13.35	26.45	46.00	-19.55	Peak	
5 *	385.9900	46.75	-8.20	38.55	46.00	-7.45	Peak	
6	784.1750	31.56	0.14	31.70	46.00	-14.30	Peak	

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

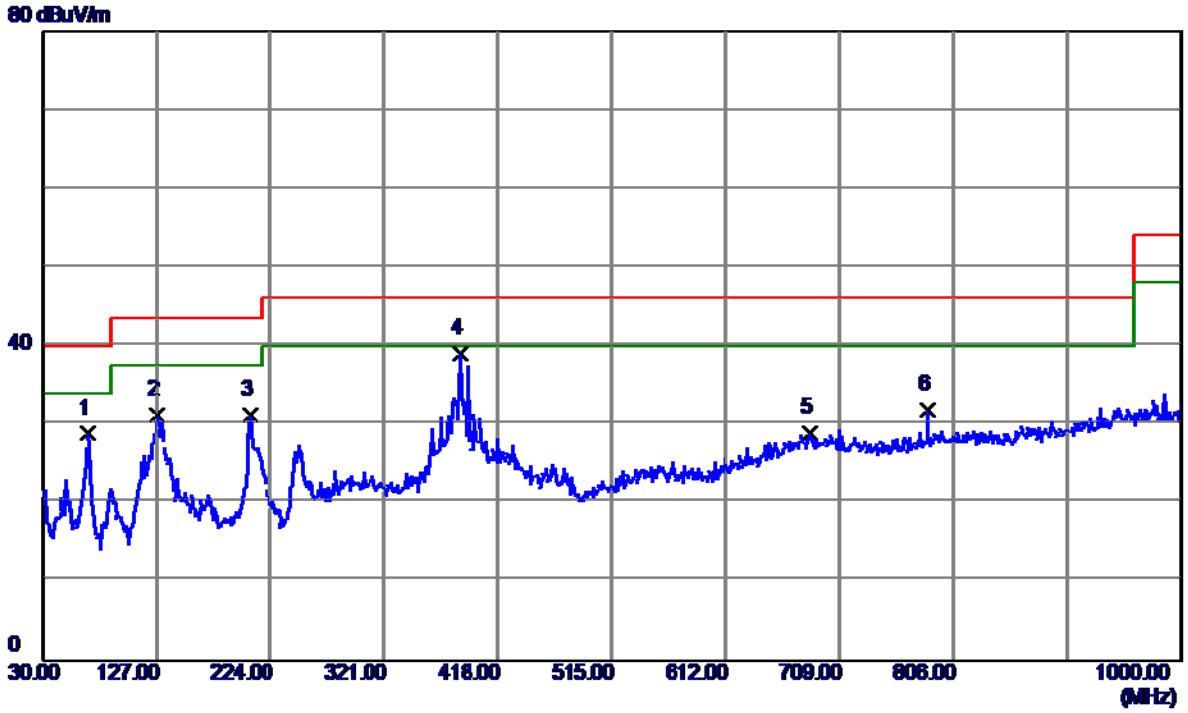
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	48.28	-13.17	35.11	40.00	-4.89	Peak	
2	132.3350	43.72	-11.31	32.41	43.50	-11.09	Peak	
3	403.4500	40.26	-7.19	33.07	46.00	-12.93	Peak	
4	547.0100	35.37	-4.63	30.74	46.00	-15.26	Peak	
5	681.8400	30.23	-1.03	29.20	46.00	-16.80	Peak	
6	925.3100	29.23	2.45	31.68	46.00	-14.32	Peak	

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

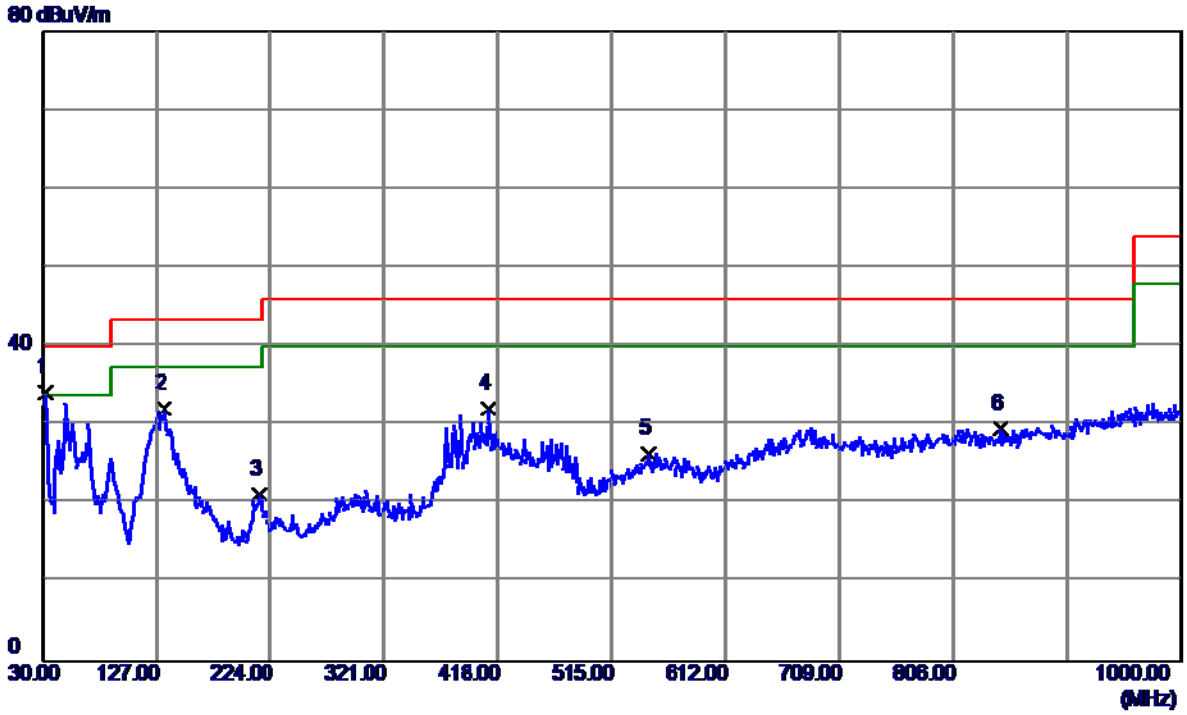
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MIIz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.8000	43.74	-14.86	28.88	40.00	-11.12	Peak	
2	127.0000	42.77	-11.58	31.19	43.50	-12.31	Peak	
3	207.0250	45.10	-13.96	31.14	43.50	-12.36	Peak	
4 *	385.9900	47.25	-8.20	39.05	46.00	-6.95	Peak	
5	683.7800	29.99	-0.99	29.00	46.00	-17.00	Peak	
6	784.1750	31.65	0.14	31.79	46.00	-14.21	Peak	

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

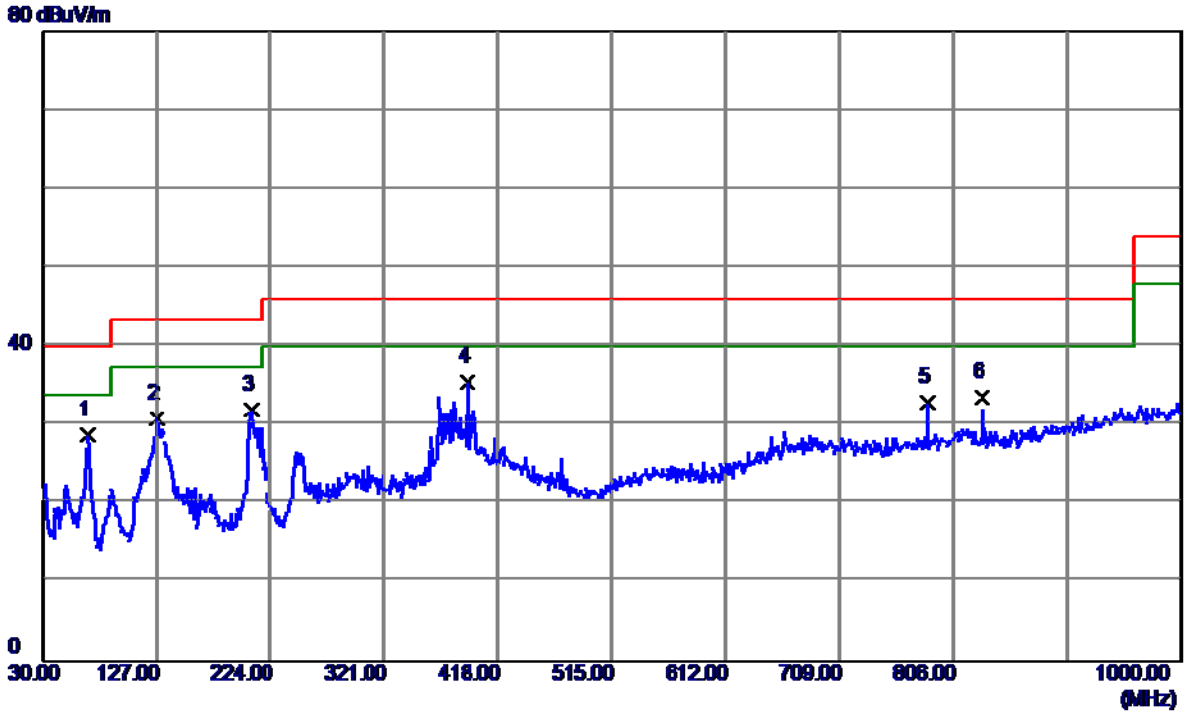
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	47.44	-13.17	34.27	40.00	-5.73	Peak	
2	133.3049	43.47	-11.38	32.09	43.50	-11.41	Peak	
3	213.8150	35.29	-14.05	21.24	43.50	-22.26	Peak	
4	410.2400	39.27	-7.17	32.10	46.00	-13.90	Peak	
5	546.5250	31.07	-4.66	26.41	46.00	-19.59	Peak	
6	846.7400	28.98	0.60	29.58	46.00	-16.42	Peak	

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

Horizontal

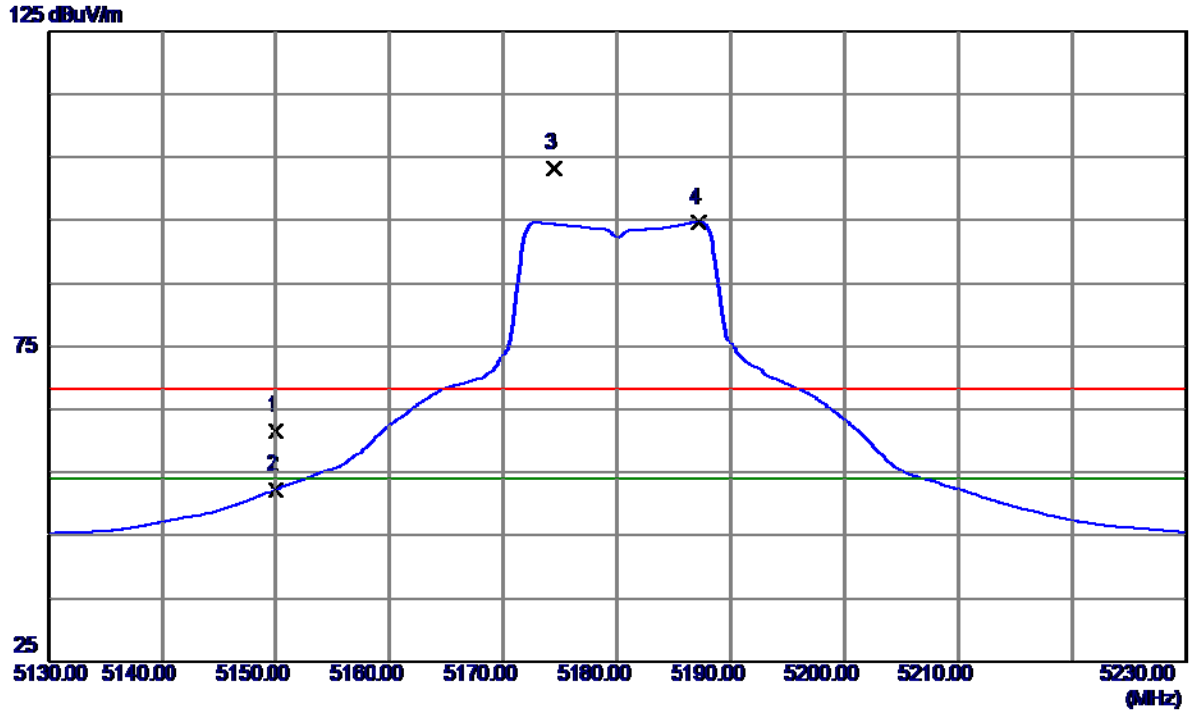


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	68.8000	43.69	-14.86	28.83	40.00	-11.17	Peak	
2	127.4850	42.41	-11.51	30.90	43.50	-12.60	Peak	
3	207.9950	46.06	-14.01	32.05	43.50	-11.45	Peak	
4 *	392.2950	43.28	-7.75	35.53	46.00	-10.47	Peak	
5	784.1750	32.75	0.14	32.89	46.00	-13.11	Peak	
6	830.7350	32.96	0.60	33.56	46.00	-12.44	Peak	

ATTACHMENT D -RADIATED EMISSION (ABOVE 1000MHZ)

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

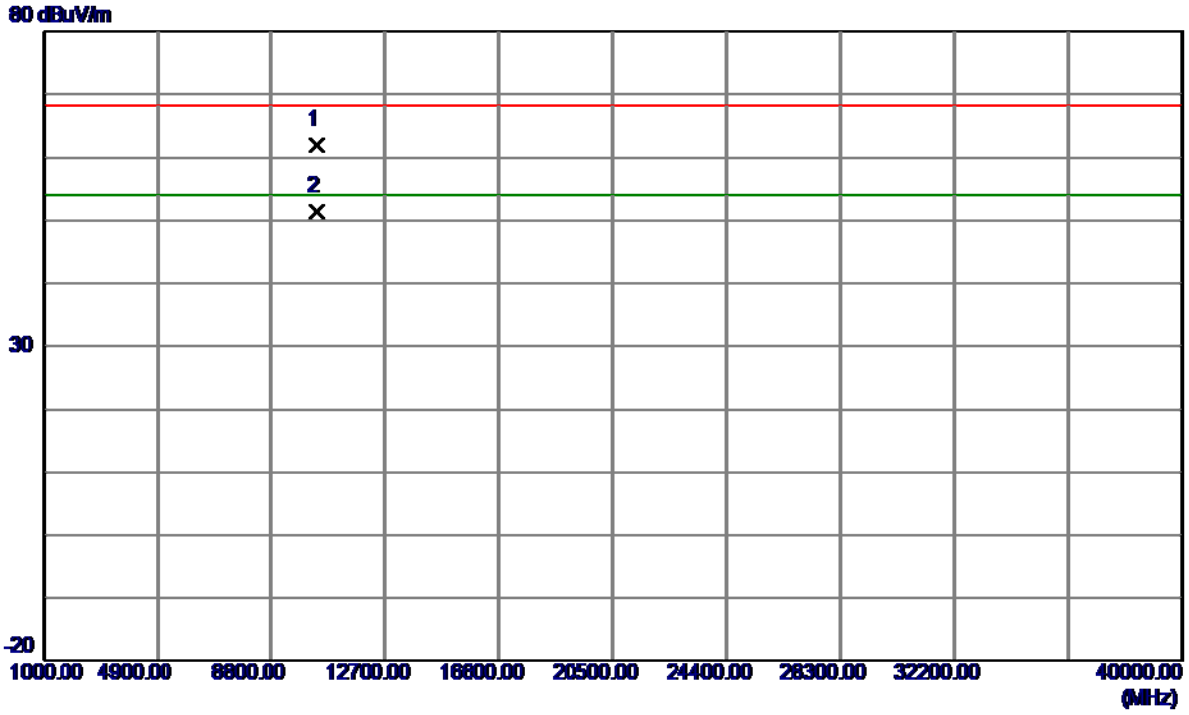
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.19	41.35	61.54	68.30	-6.76	Peak	
2	5150.0000	10.87	41.35	52.22	54.00	-1.78	AVG	
3	5174.4000	61.74	41.43	103.17	68.30	34.87	Peak	No Limit
4 *	5187.2000	53.16	41.47	94.63	54.00	40.63	AVG	No Limit

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

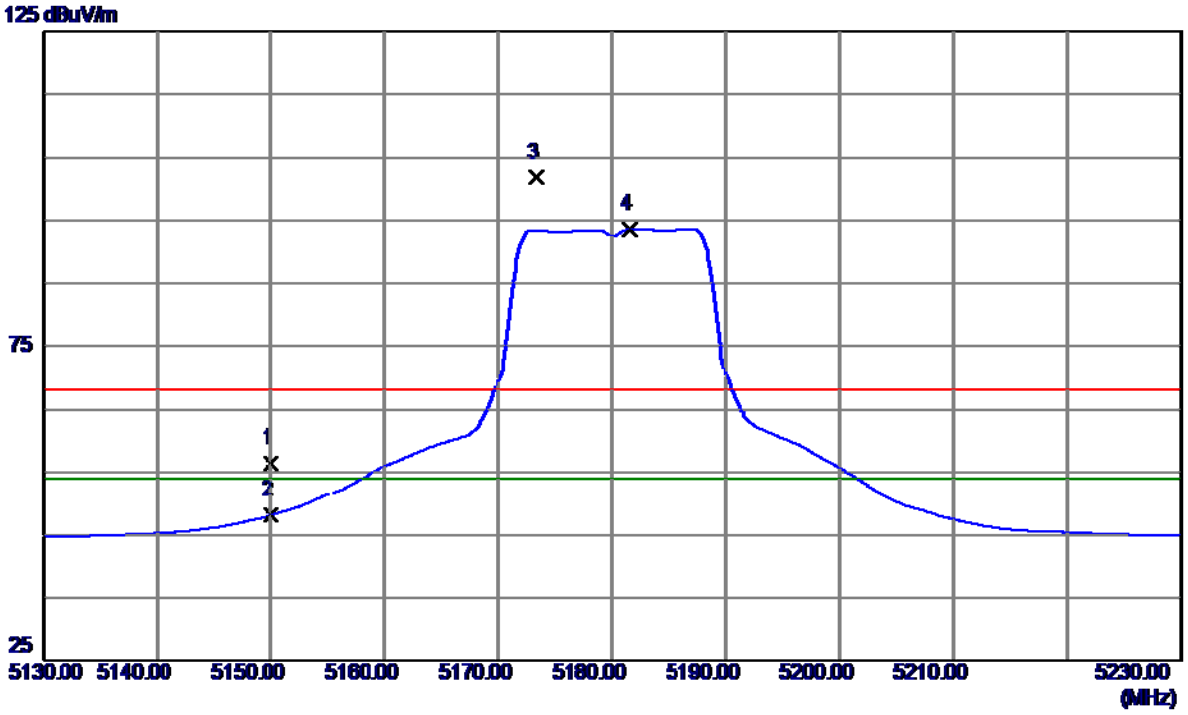
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10361.2500	45.66	16.36	62.02	68.30	-6.28	Peak	
2 *	10361.9000	35.06	16.36	51.42	54.00	-2.58	AVG	

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

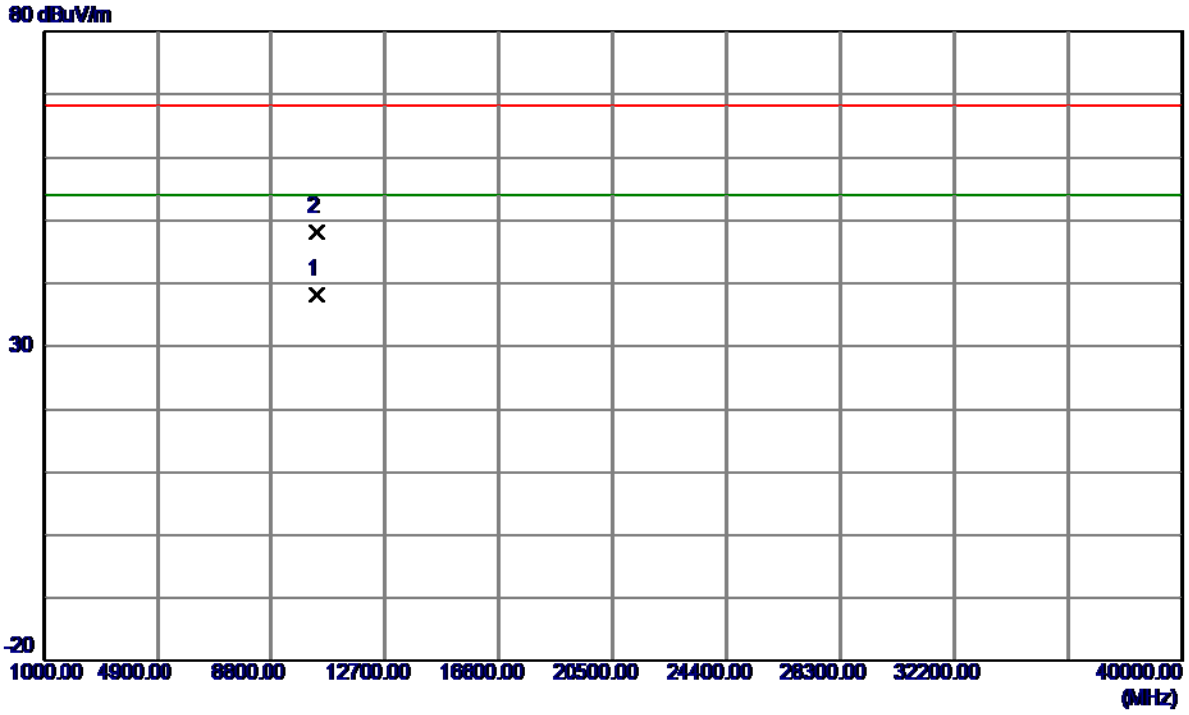
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	14.99	41.35	56.34	68.30	-11.96	Peak	
2	5150.0000	6.83	41.35	48.18	54.00	-5.82	AVG	
3	5173.3000	60.40	41.43	101.83	68.30	33.53	Peak	No Limit
4 *	5181.6000	52.17	41.45	93.62	54.00	39.62	AVG	No Limit

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

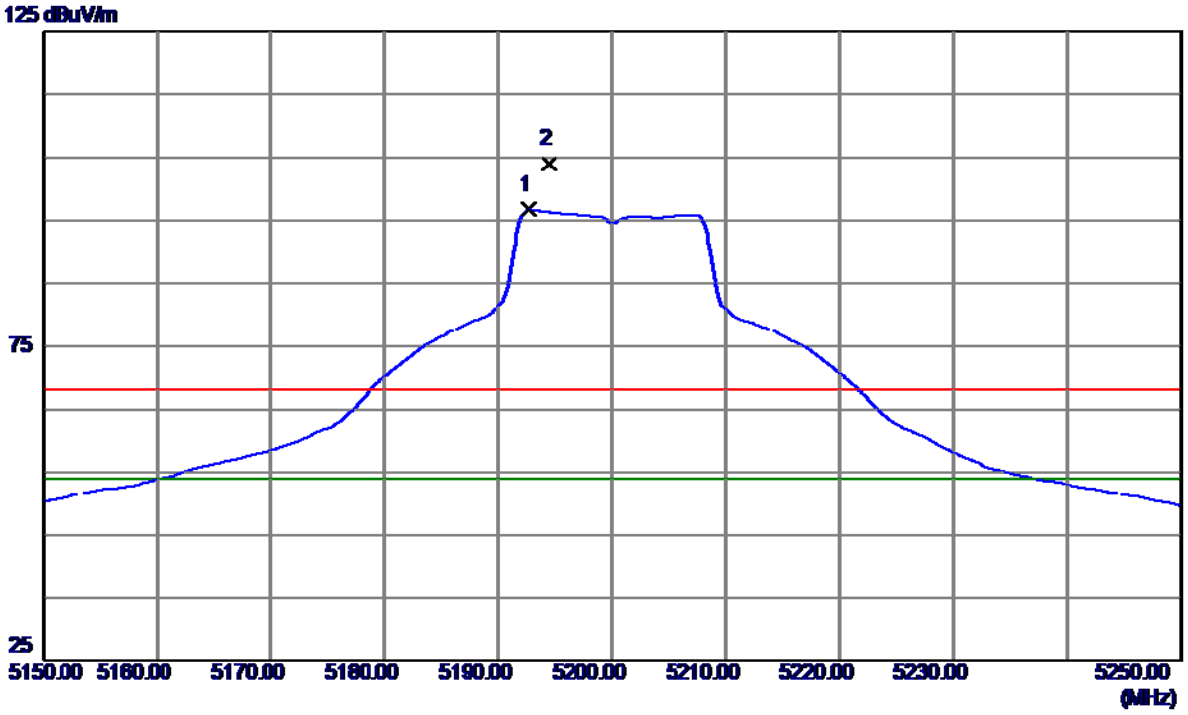
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0100	21.75	16.36	38.11	54.00	-15.89	AVG	
2	10360.2300	31.93	16.36	48.29	68.30	-20.01	Peak	

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

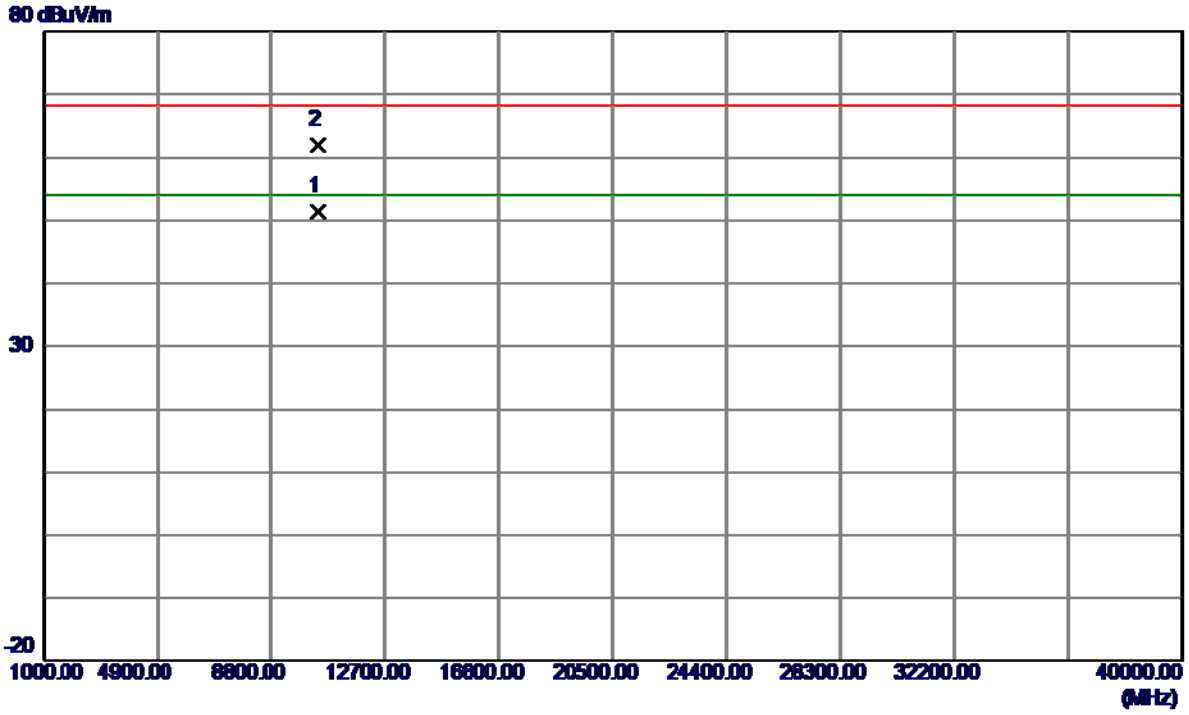
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.7000	55.21	41.49	96.70	54.00	42.70	AVG	No Limit
2	5194.4000	62.58	41.50	104.08	68.30	35.78	Peak	No Limit

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

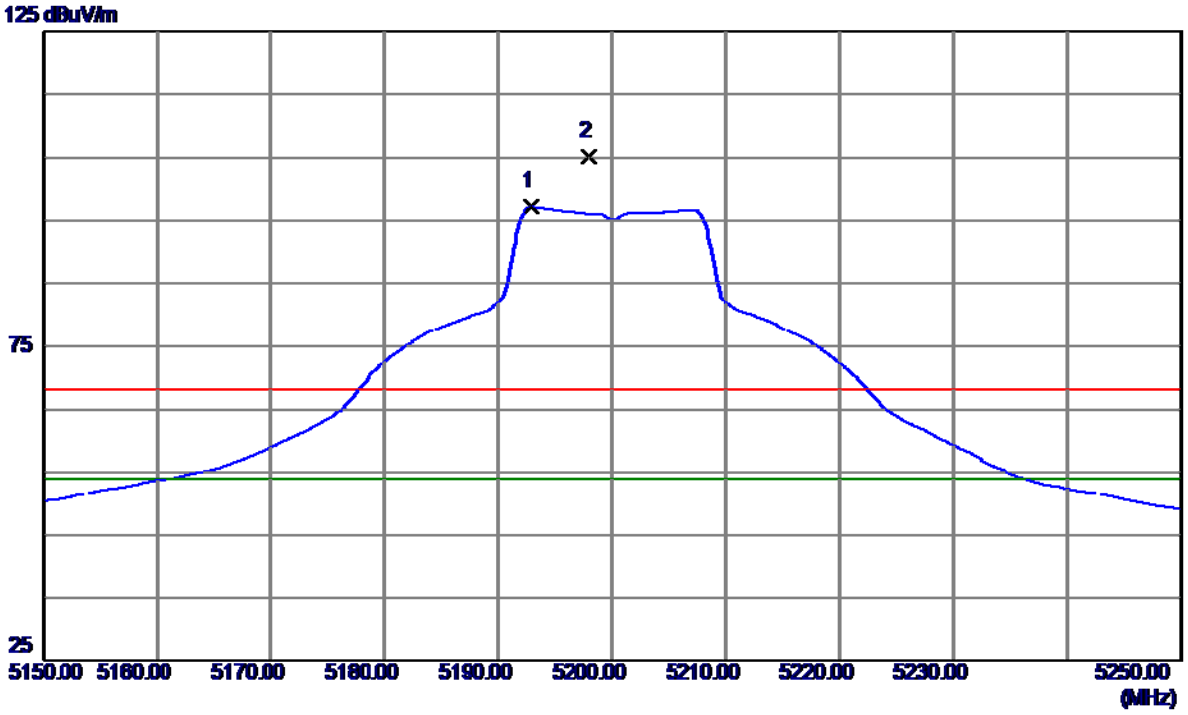
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.9500	35.04	16.45	51.49	54.00	-2.51	AVG	
2	10403.6000	45.61	16.46	62.07	68.30	-6.23	Peak	

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

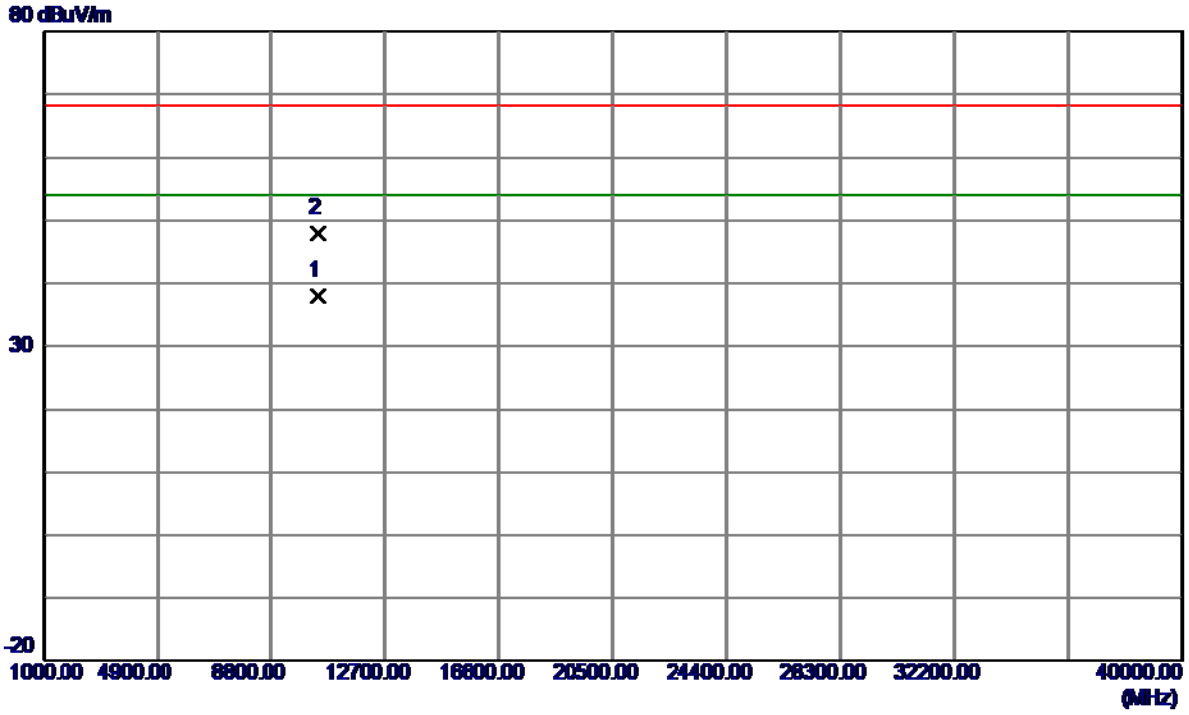
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.9000	55.63	41.49	97.12	54.00	43.12	AVG	No Limit
2	5198.0000	63.67	41.51	105.18	68.30	36.88	Peak	No Limit

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

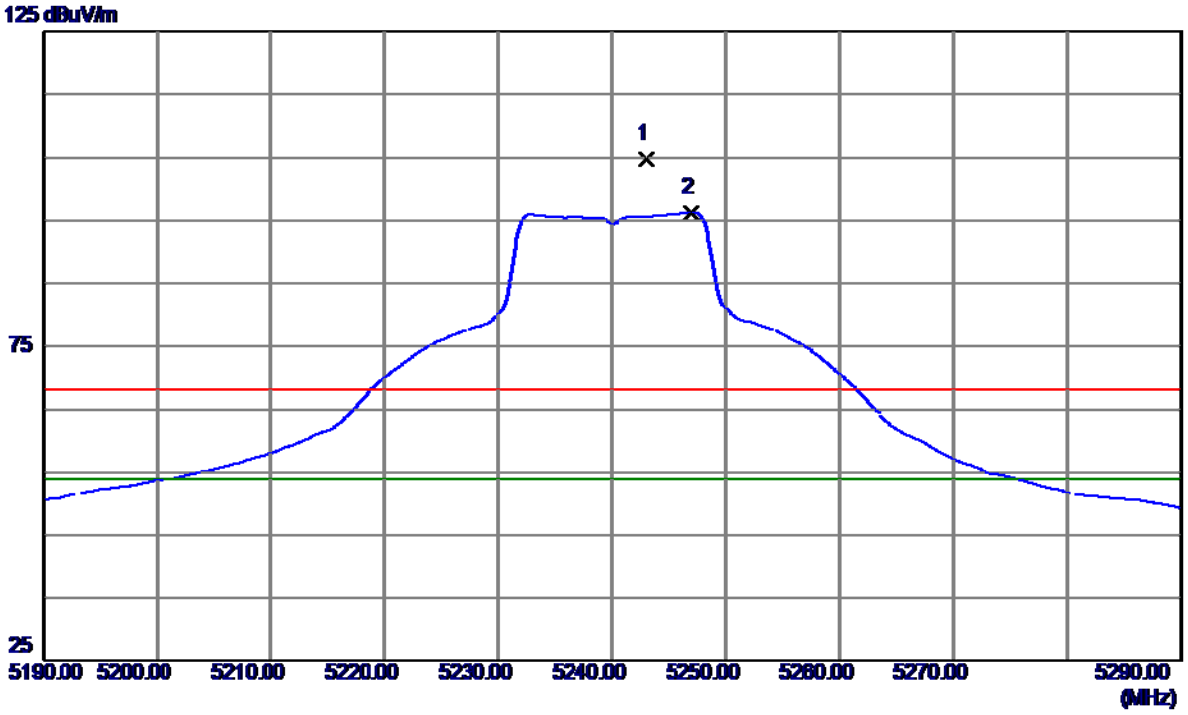
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0750	21.46	16.45	37.91	54.00	-16.09	AVG	
2	10400.2400	31.48	16.45	47.93	68.30	-20.37	Peak	

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

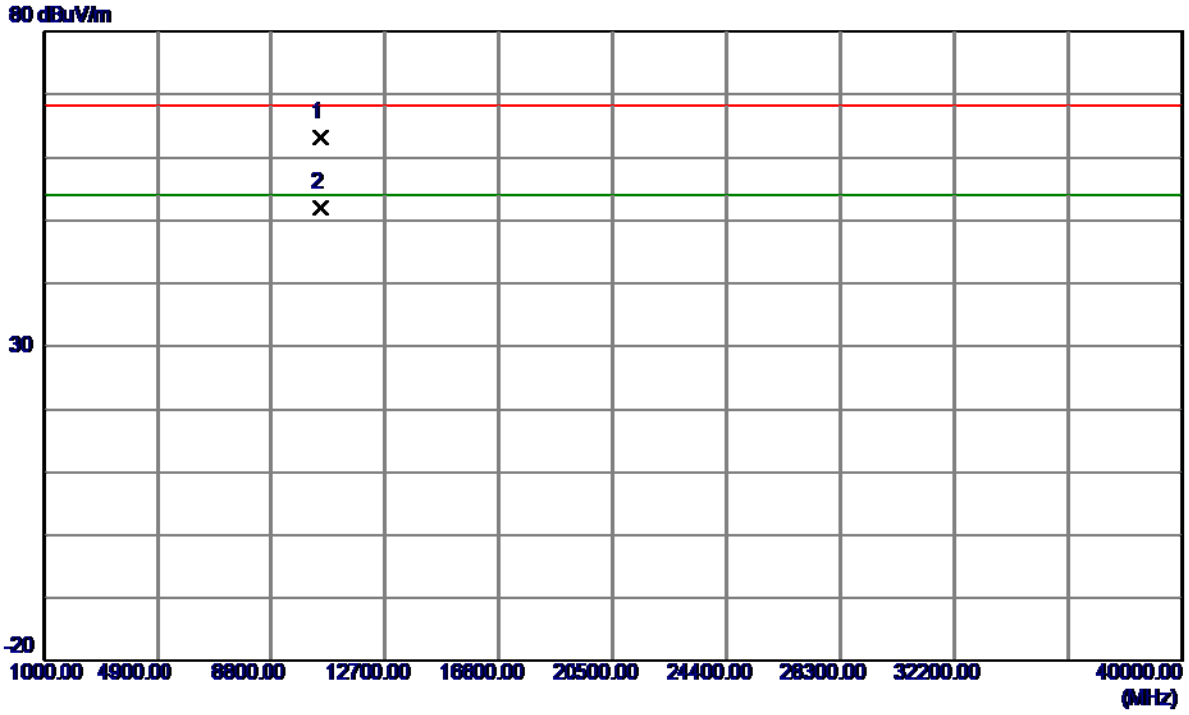
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5243.0000	63.17	41.66	104.83	68.30	36.53	Peak	No Limit
2 *	5247.0000	54.54	41.67	96.21	54.00	42.21	AVG	No Limit

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

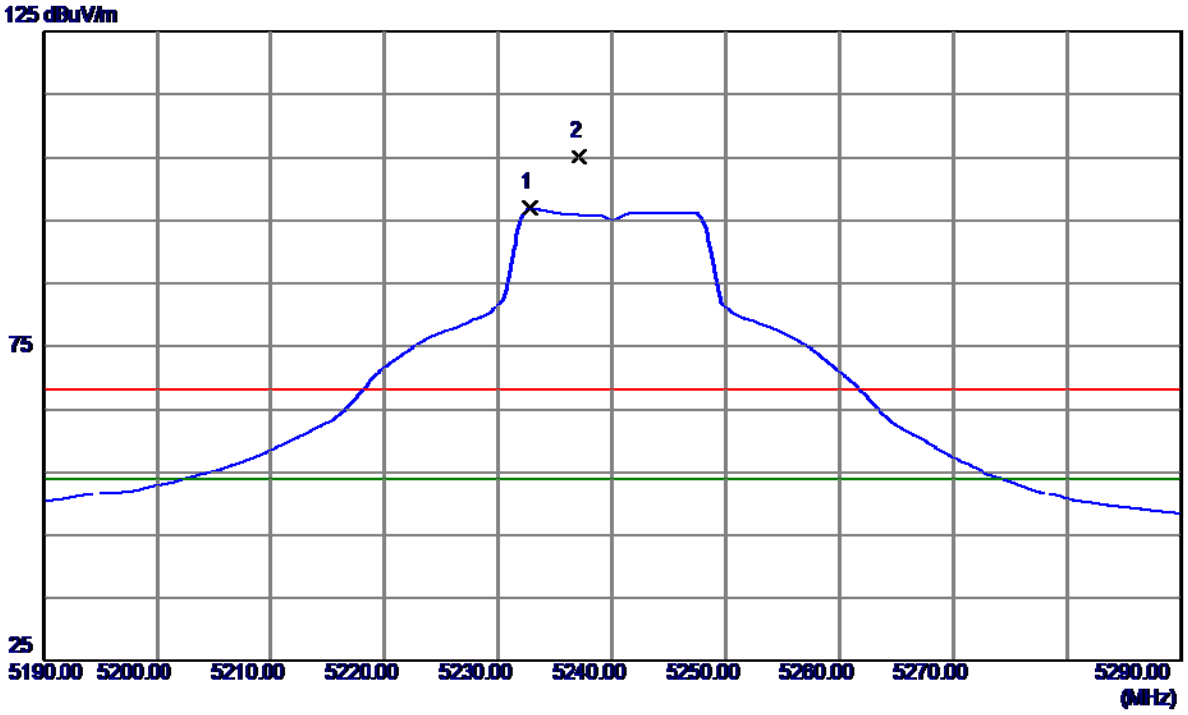
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10478.1500	46.50	16.62	63.12	68.30	-5.18	Peak	
2 *	10481.9500	35.31	16.63	51.94	54.00	-2.06	AVG	

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

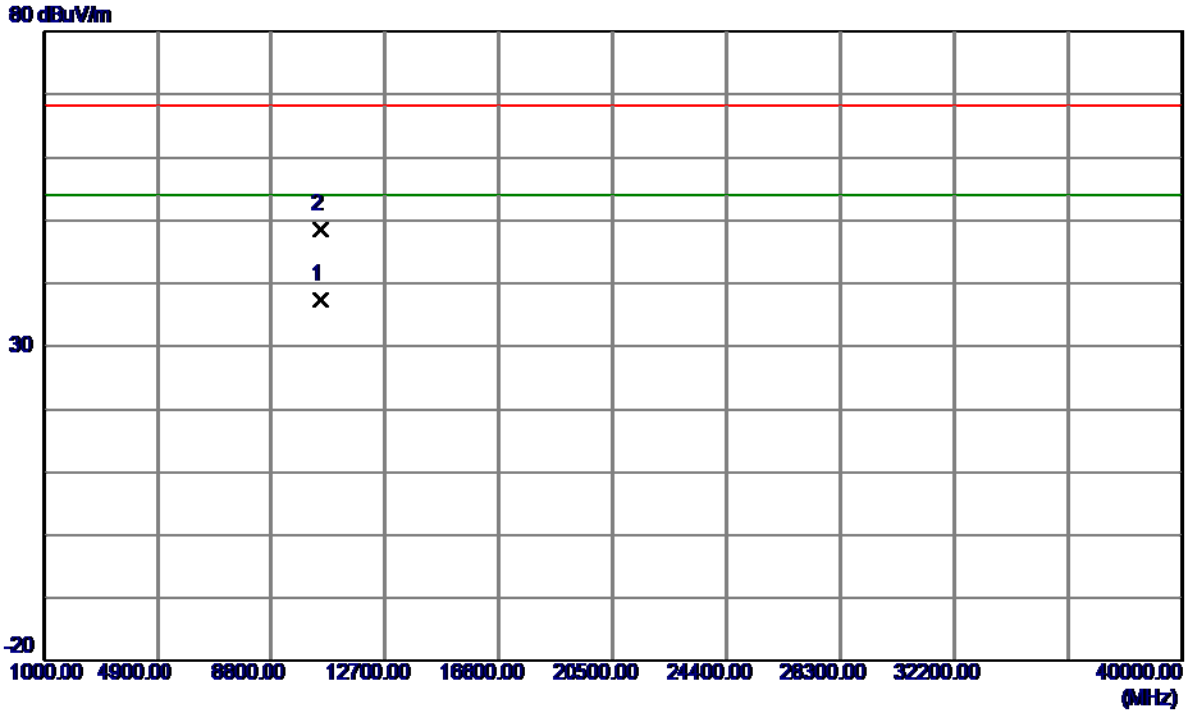
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.8000	55.27	41.63	96.90	54.00	42.90	AVG	No Limit
2	5237.1000	63.55	41.64	105.19	68.30	36.89	Peak	No Limit

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

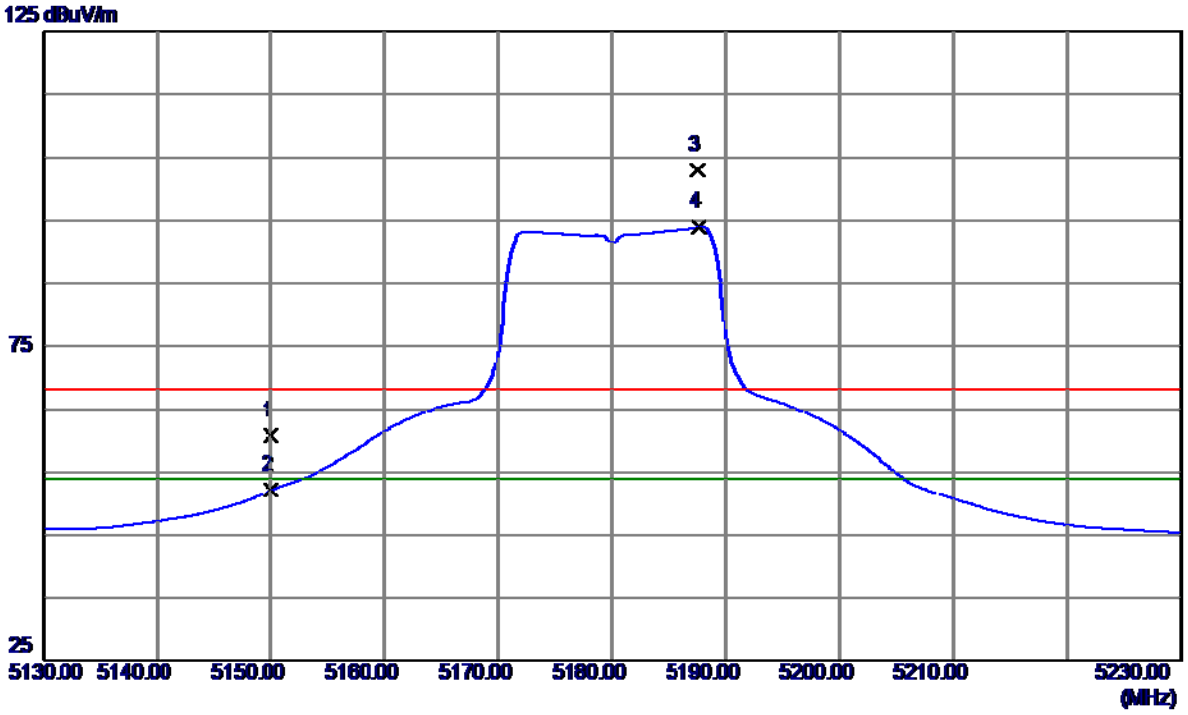
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0450	20.84	16.63	37.47	54.00	-16.53	AVG	
2	10480.1350	32.03	16.63	48.66	68.30	-19.64	Peak	

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

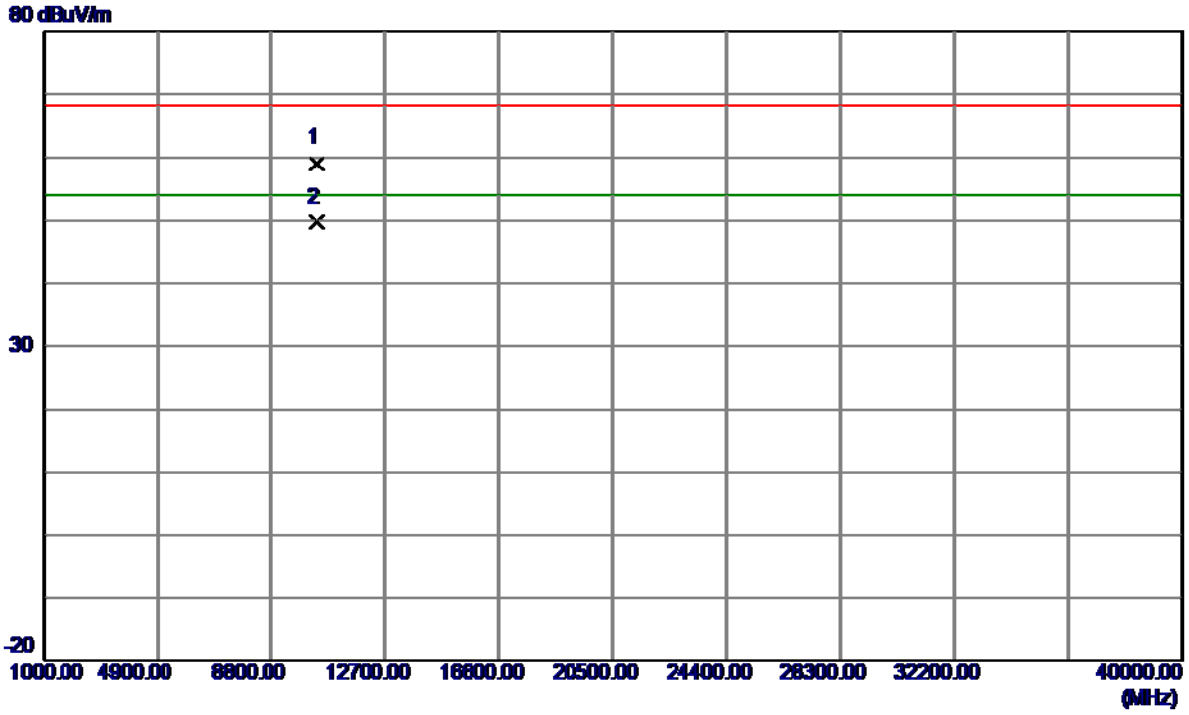
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.36	41.35	60.71	68.30	-7.59	Peak	
2	5150.0000	10.77	41.35	52.12	54.00	-1.88	AVG	
3	5187.6000	61.48	41.47	102.95	68.30	34.65	Peak	No Limit
4 *	5187.7000	52.49	41.47	93.96	54.00	39.96	AVG	No Limit

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

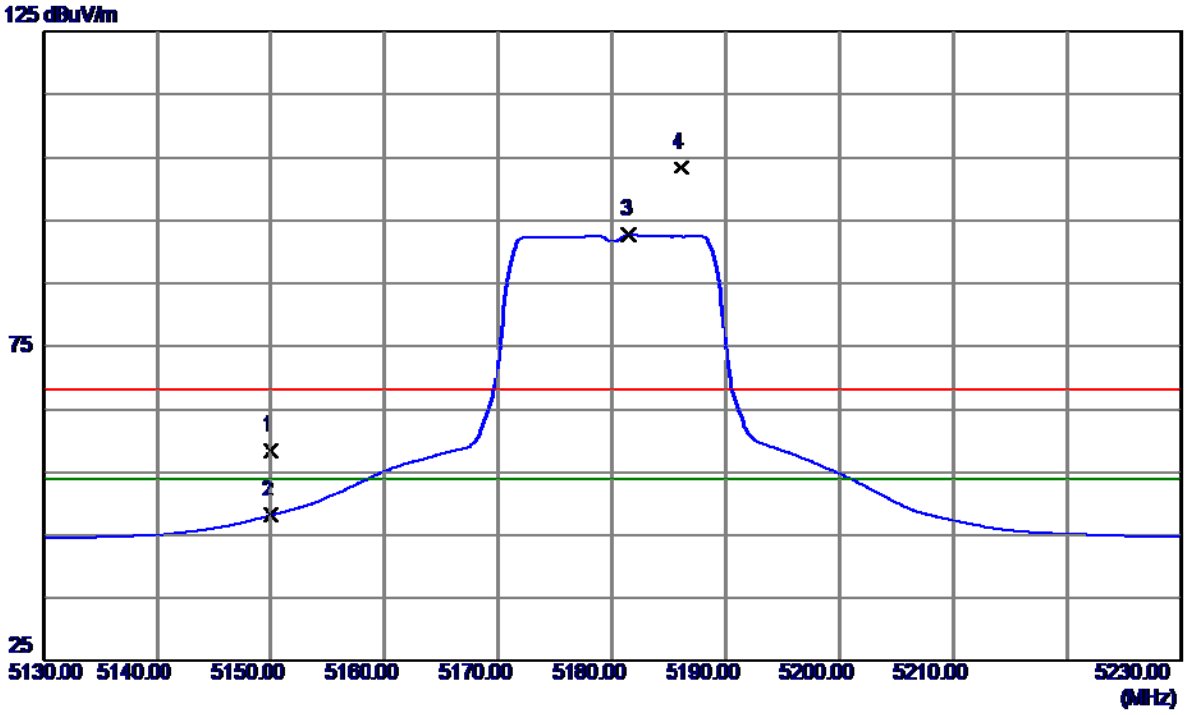
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10358.7000	42.74	16.36	59.10	68.30	-9.20	Peak	
2 *	10359.9000	33.34	16.36	49.70	54.00	-4.30	AVG	

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

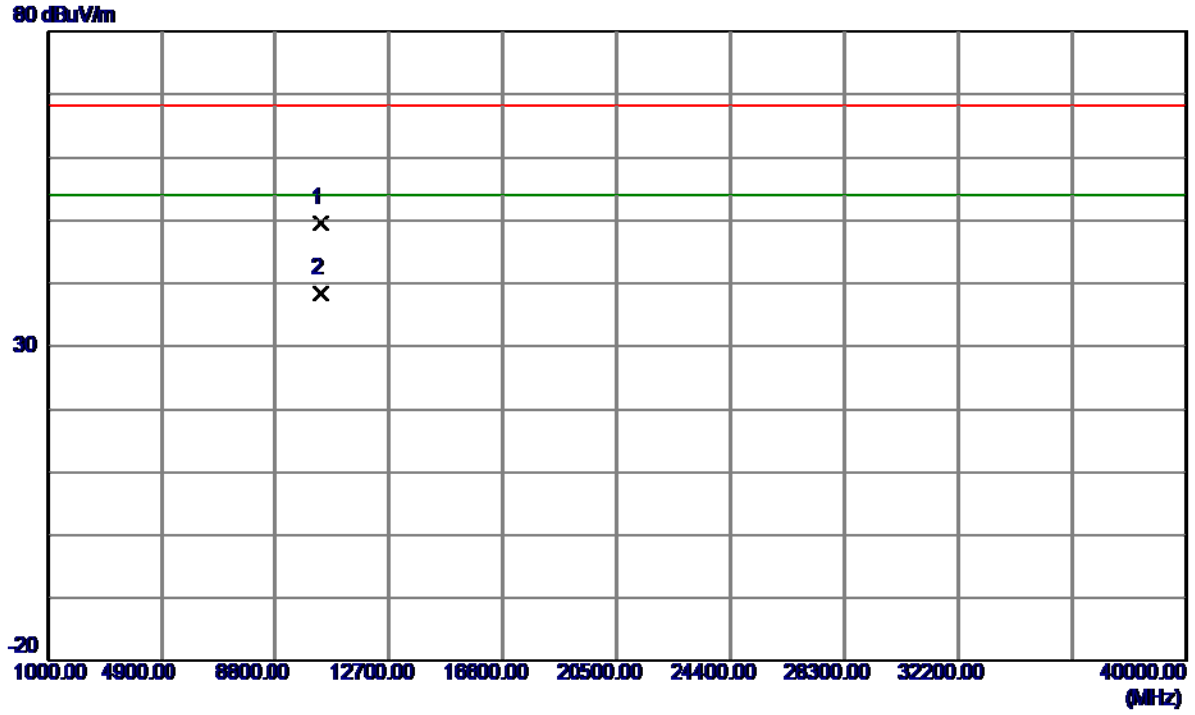
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.06	41.35	58.41	68.30	-9.89	Peak	
2	5150.0000	6.79	41.35	48.14	54.00	-5.86	AVG	
3 *	5181.5000	51.29	41.45	92.74	54.00	38.74	AVG	No Limit
4	5186.1000	61.92	41.47	103.39	68.30	35.09	Peak	No Limit

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

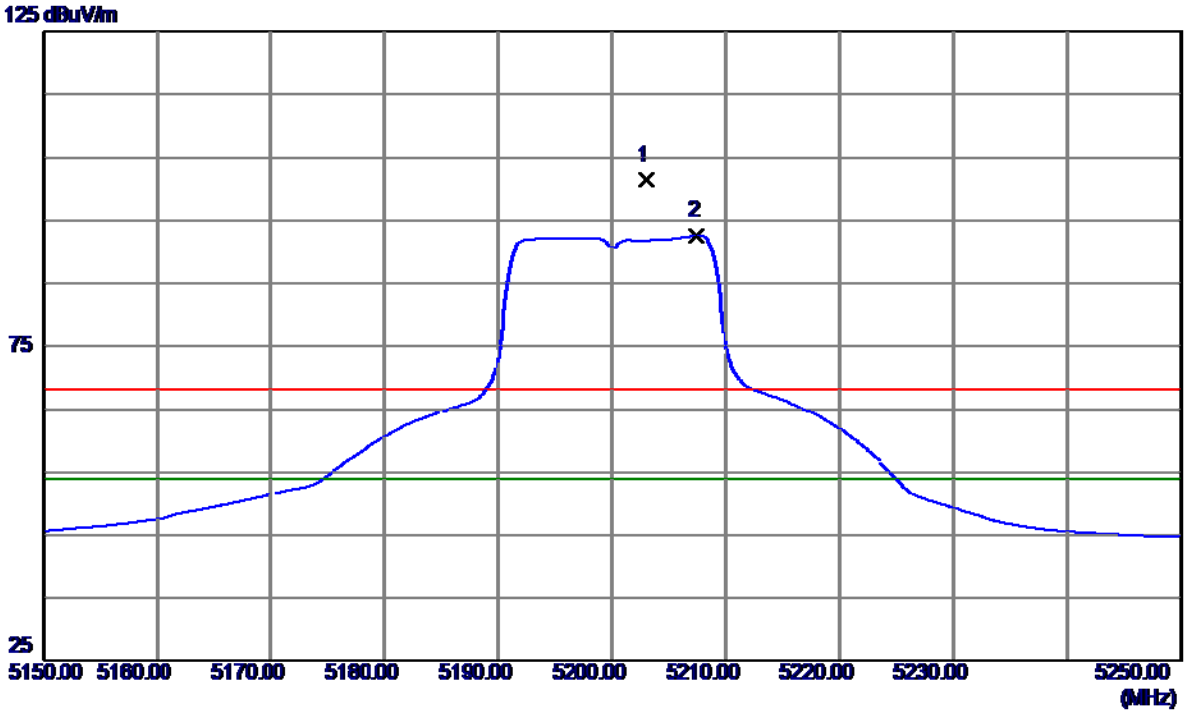
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.9600	33.31	16.36	49.67	68.30	-18.63	Peak	
2 *	10360.1200	22.02	16.36	38.38	54.00	-15.62	AVG	

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

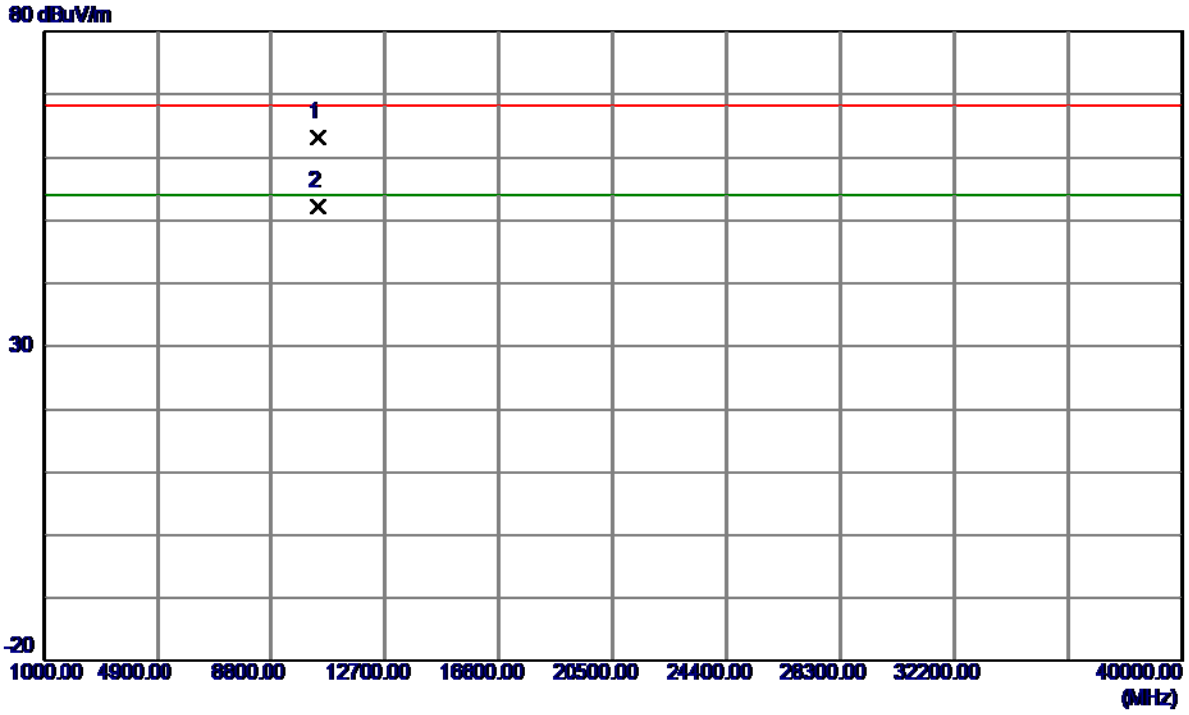
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5203.0000	59.92	41.53	101.45	68.30	33.15	Peak	No Limit
2 *	5207.5000	51.06	41.54	92.60	54.00	38.60	AVG	No Limit

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

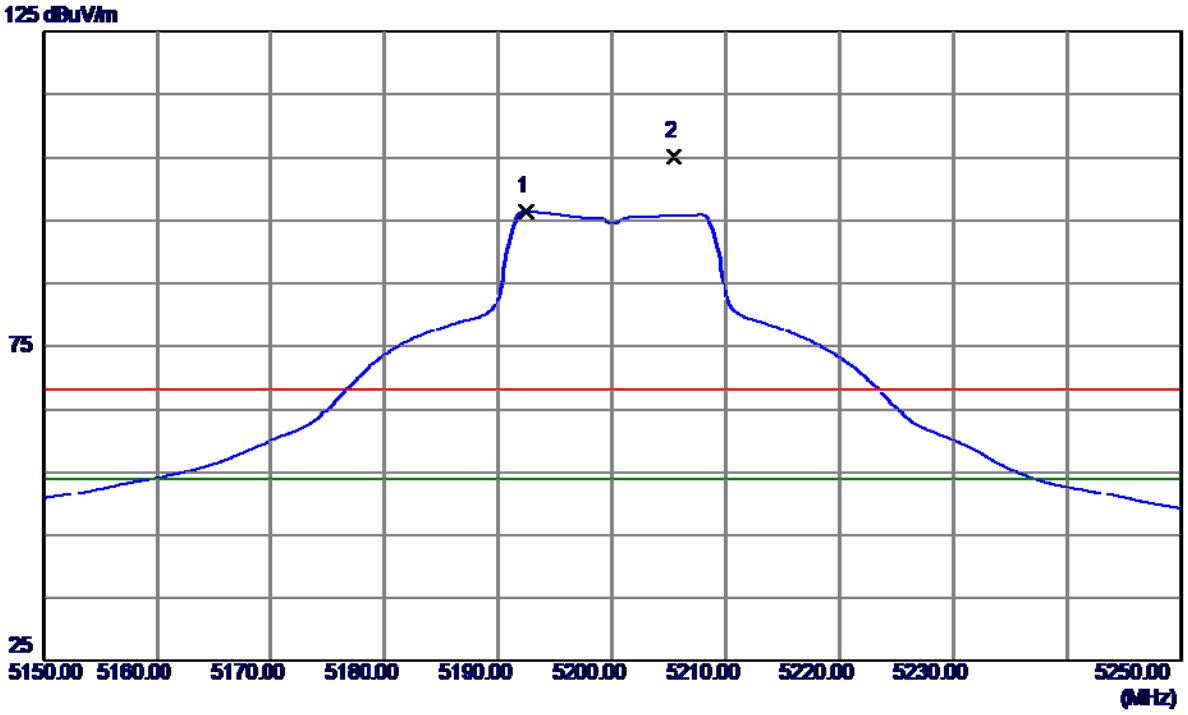
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.4500	46.72	16.45	63.17	68.30	-5.13	Peak	
2 *	10400.1000	35.75	16.45	52.20	54.00	-1.80	AVG	

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

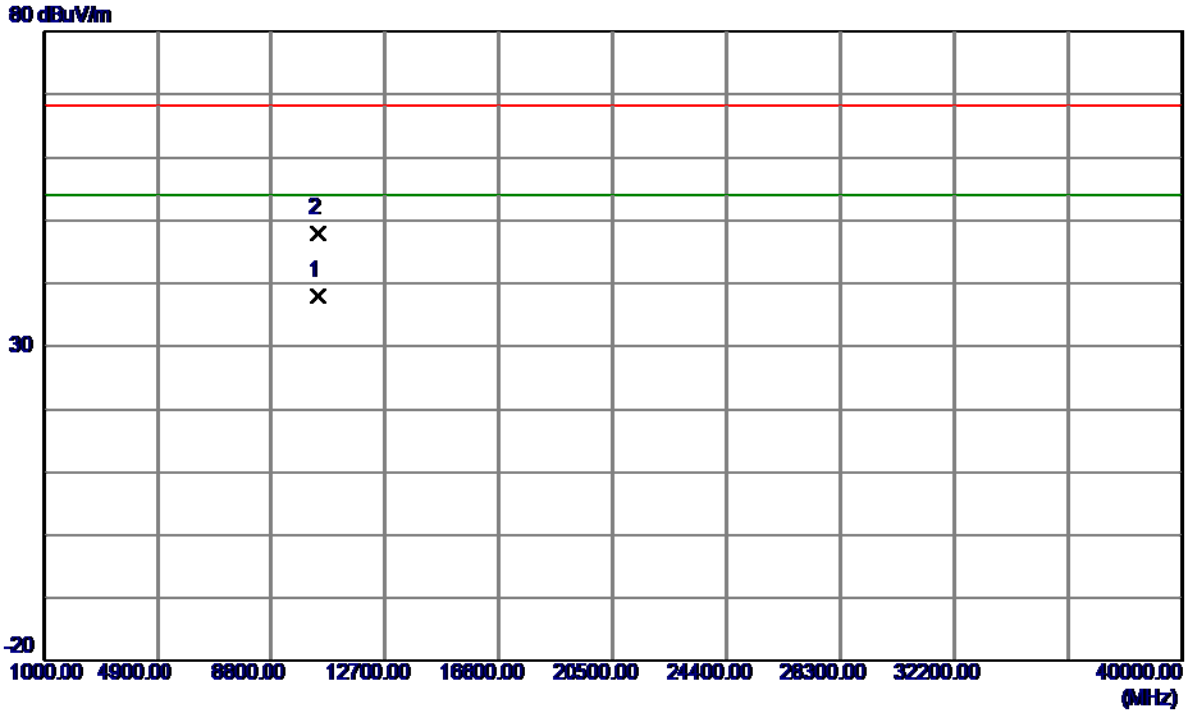
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.4000	54.97	41.49	96.46	54.00	42.46	AVG	No Limit
2	5205.4000	63.69	41.53	105.22	68.30	36.92	Peak	No Limit

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

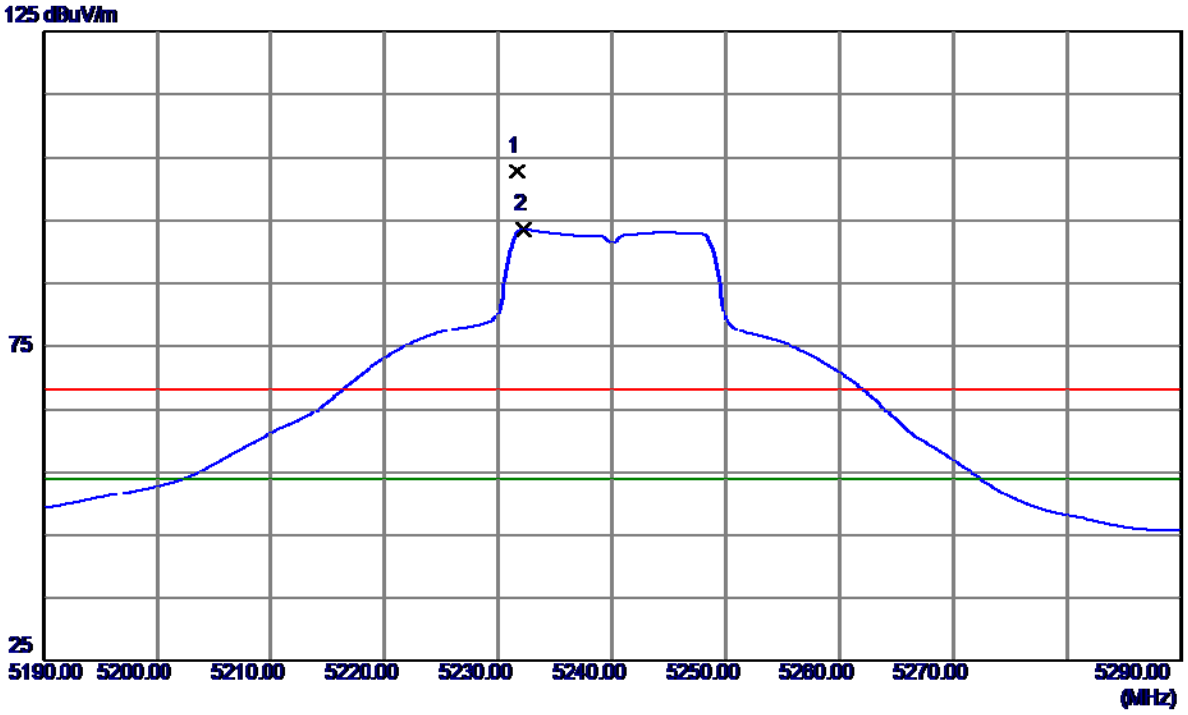
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0850	21.60	16.45	38.05	54.00	-15.95	AVG	
2	10400.0950	31.56	16.45	48.01	68.30	-20.29	Peak	

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

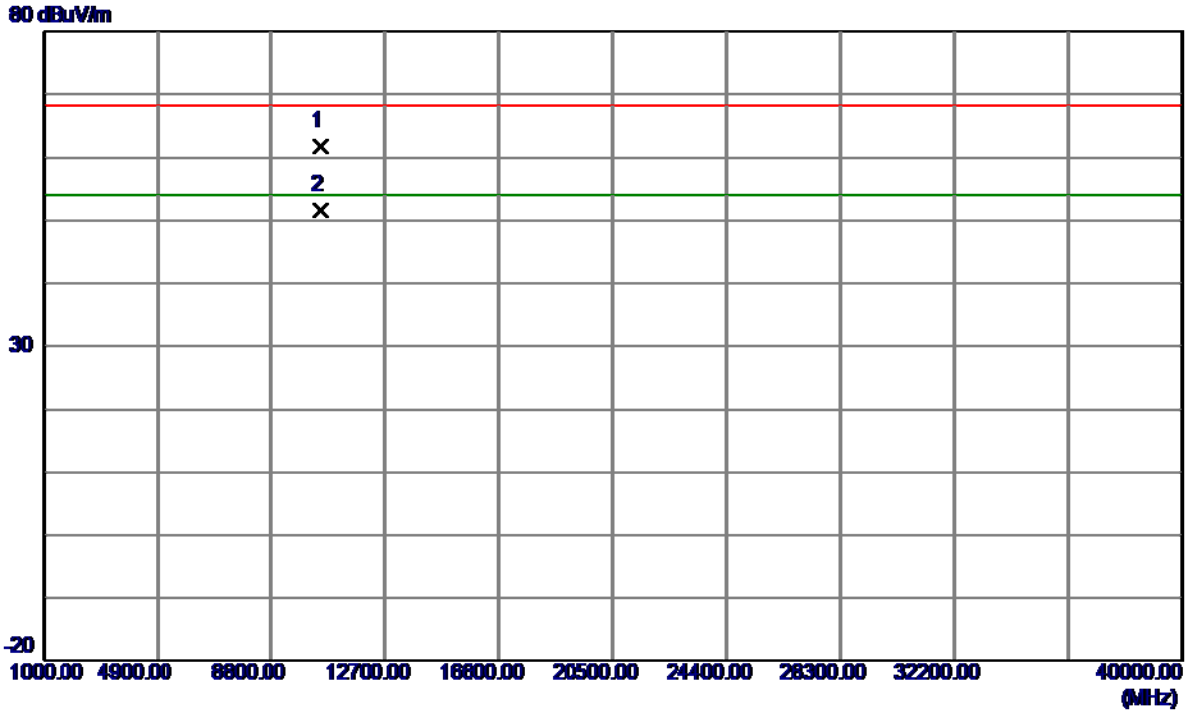
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5231.7000	61.11	41.62	102.73	68.30	34.43	Peak	No Limit
2 *	5232.2000	52.01	41.62	93.63	54.00	39.63	AVG	No Limit

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

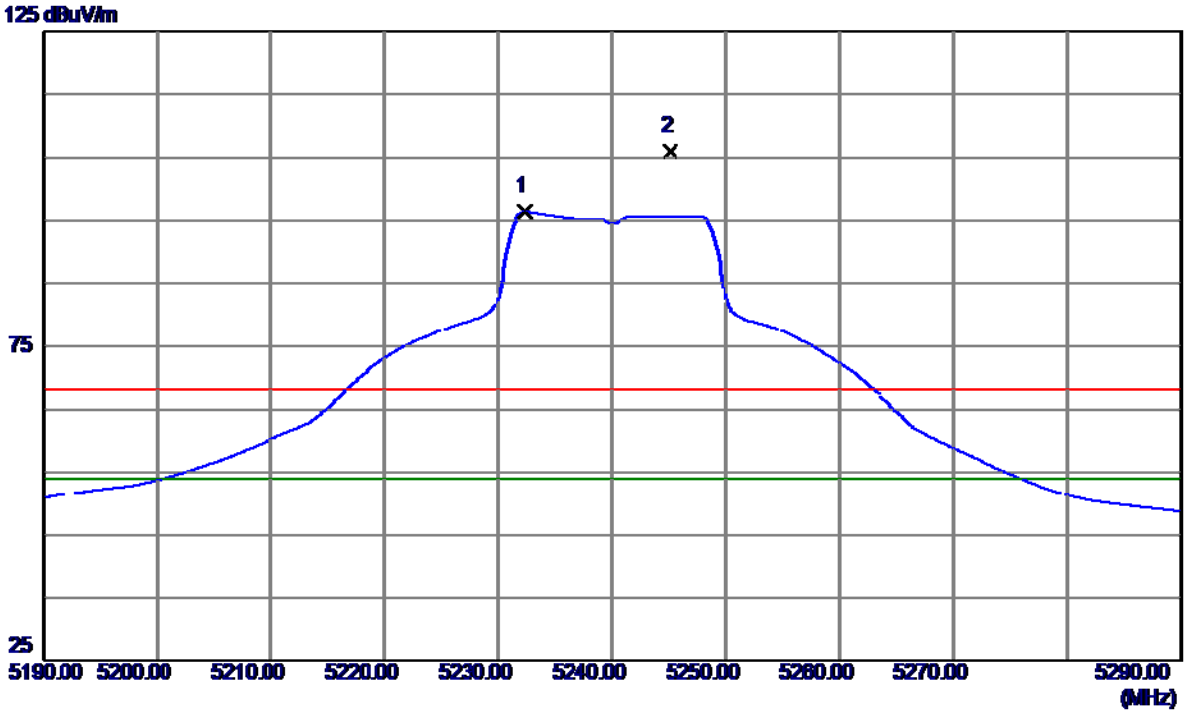
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10478.1500	45.19	16.62	61.81	68.30	-6.49	Peak	
2 *	10480.1000	35.06	16.63	51.69	54.00	-2.31	AVG	

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

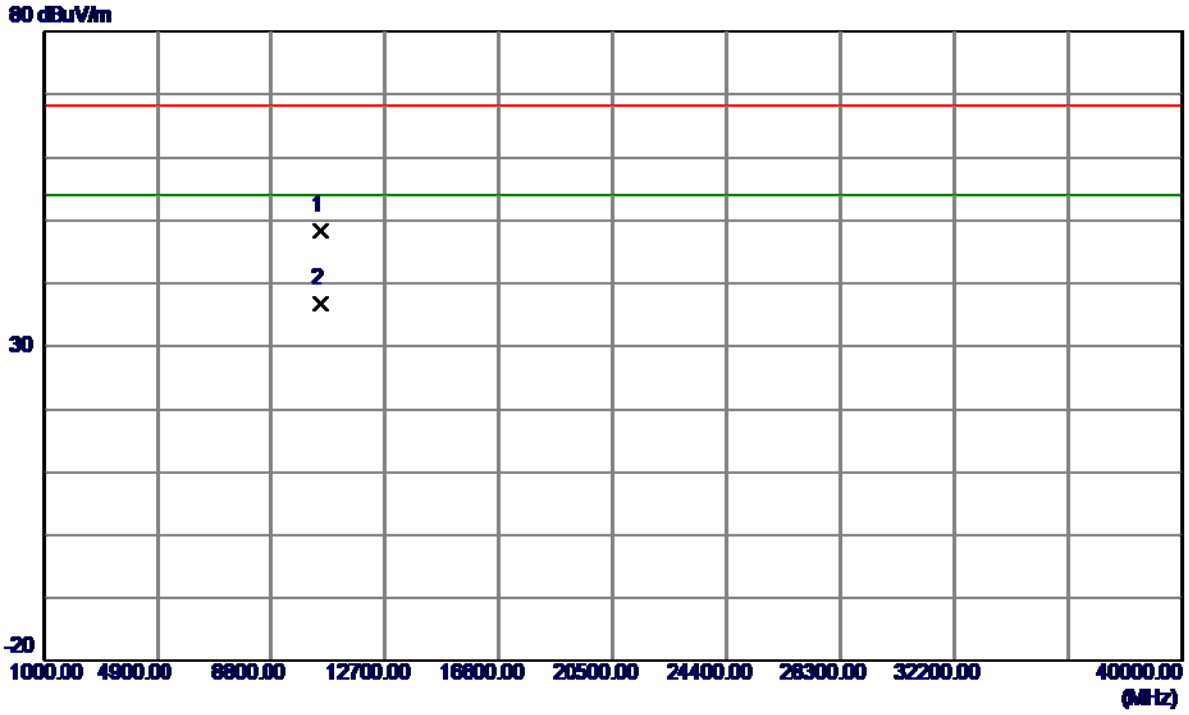
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.3000	54.74	41.63	96.37	54.00	42.37	AVG	No Limit
2	5245.1000	64.32	41.67	105.99	68.30	37.69	Peak	No Limit

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

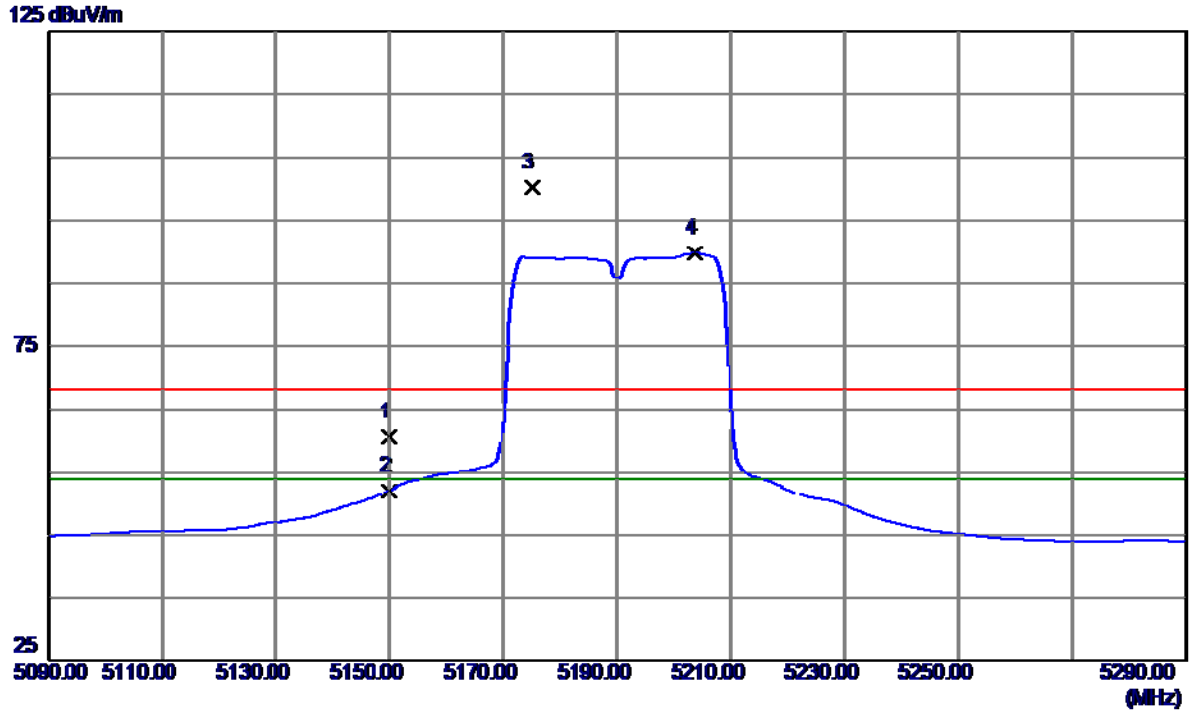
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.9700	31.69	16.63	48.32	68.30	-19.98	Peak	
2 *	10480.1900	20.23	16.63	36.86	54.00	-17.14	AVG	

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

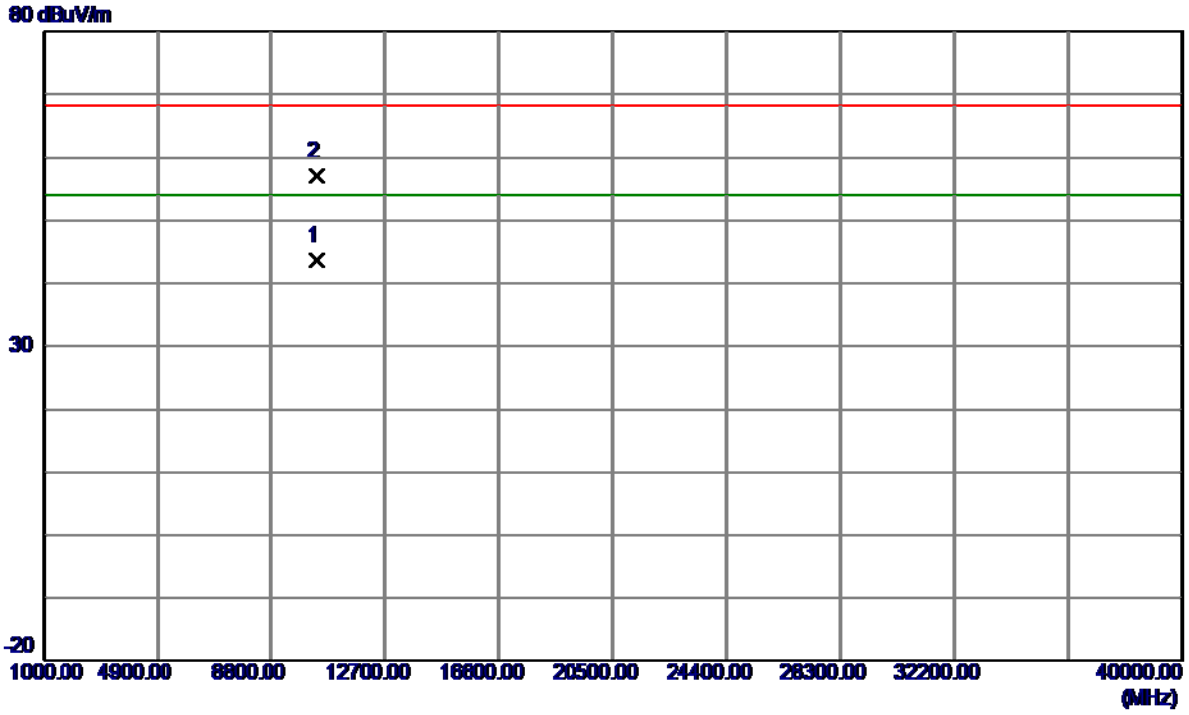
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.34	41.35	60.69	68.30	-7.61	Peak	
2	5150.0000	10.72	41.35	52.07	54.00	-1.93	AVG	
3	5175.0000	58.81	41.43	100.24	68.30	31.94	Peak	No Limit
4 *	5203.8000	48.20	41.53	89.73	54.00	35.73	AVG	No Limit

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

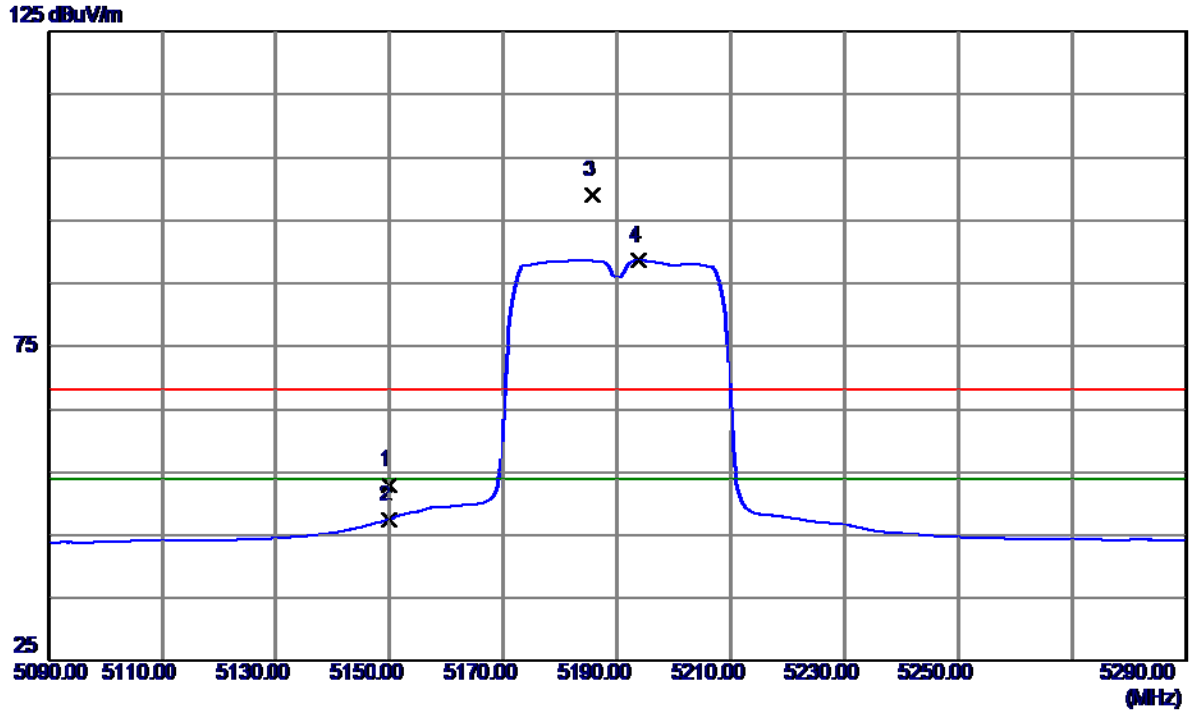
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10378.8000	27.16	16.40	43.56	54.00	-10.44	AVG	
2	10380.5000	40.61	16.40	57.01	68.30	-11.29	Peak	

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

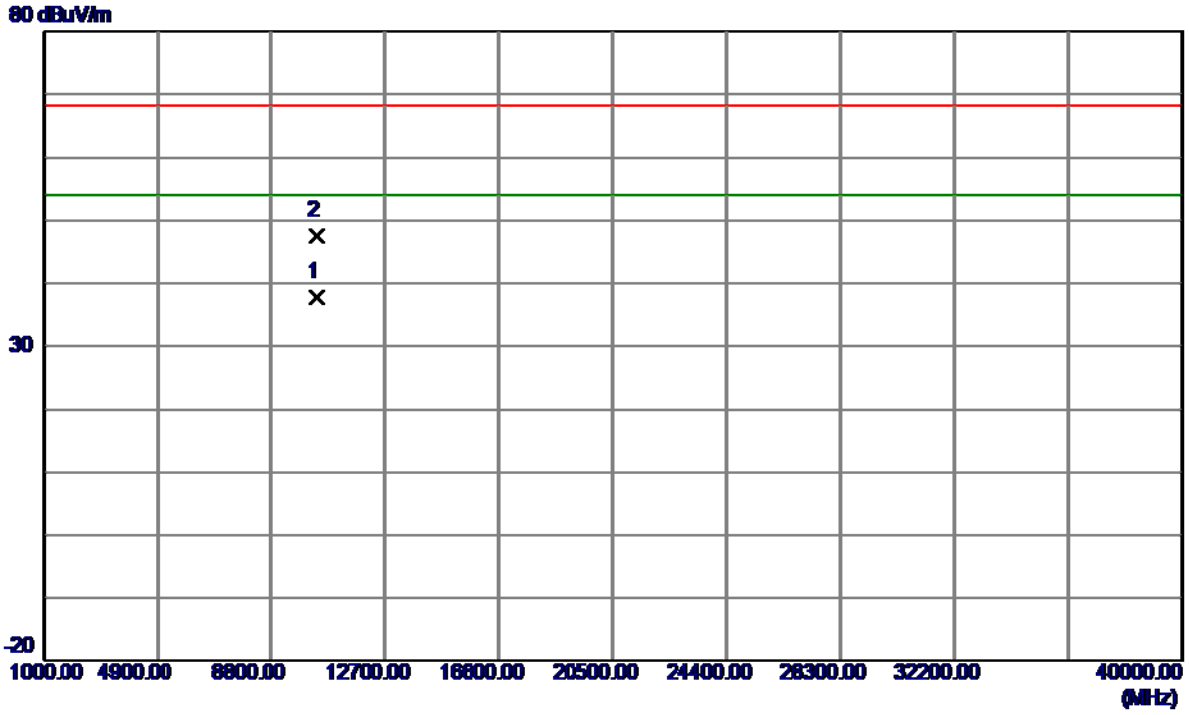
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.70	41.35	53.05	68.30	-15.25	Peak	
2	5150.0000	6.14	41.35	47.49	54.00	-6.51	AVG	
3	5185.8000	57.53	41.47	99.00	68.30	30.70	Peak	No Limit
4 *	5193.8000	47.11	41.49	88.60	54.00	34.60	AVG	No Limit

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

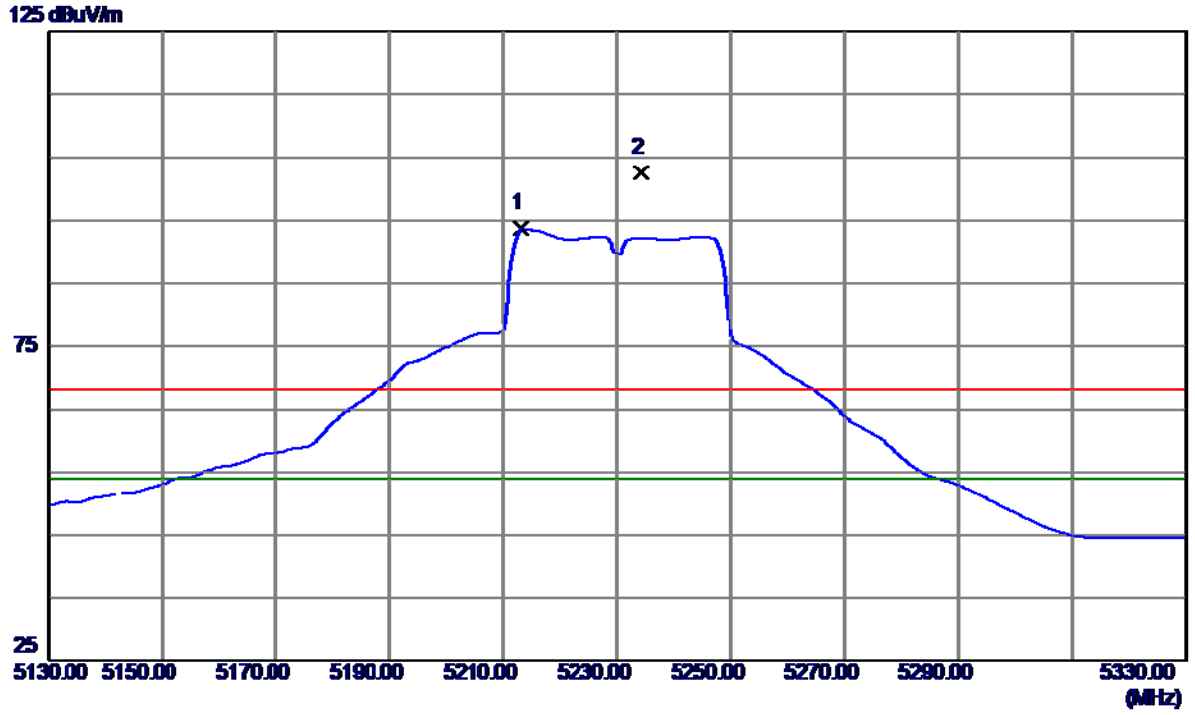
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.0500	21.37	16.40	37.77	54.00	-16.23	AVG	
2	10380.2300	31.18	16.40	47.58	68.30	-20.72	Peak	

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

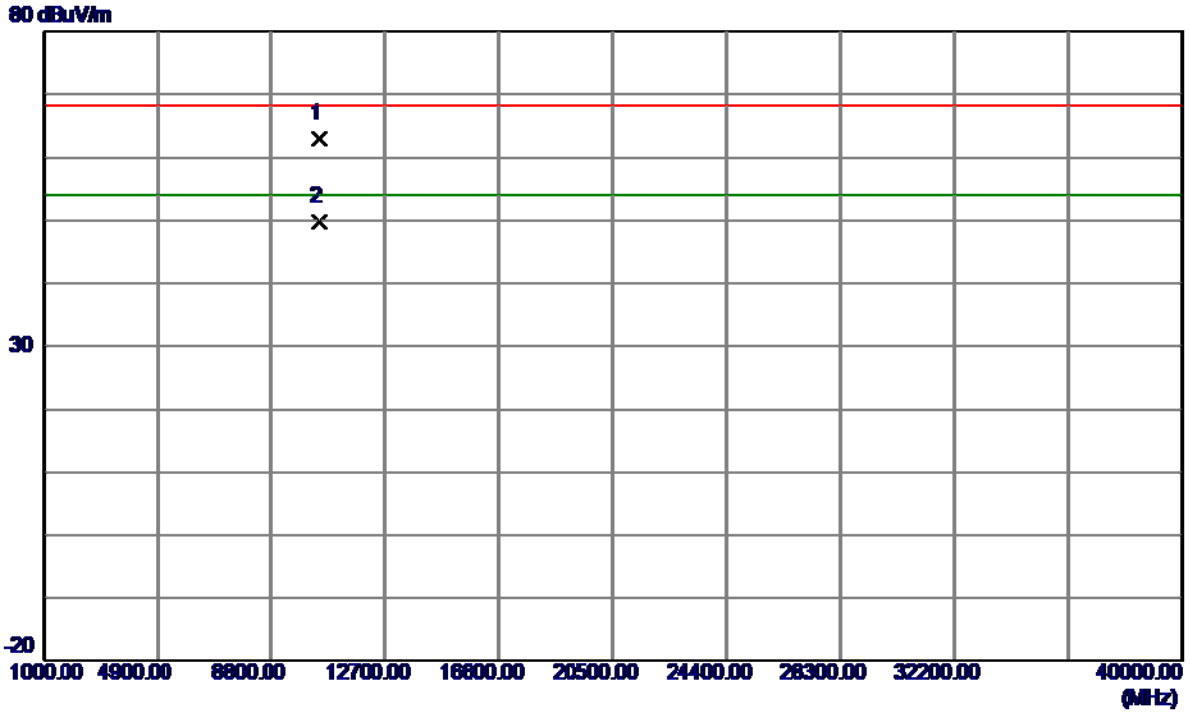
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5213.2000	52.16	41.56	93.72	54.00	39.72	AVG	No Limit
2	5234.2000	61.03	41.63	102.66	68.30	34.36	Peak	No Limit

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

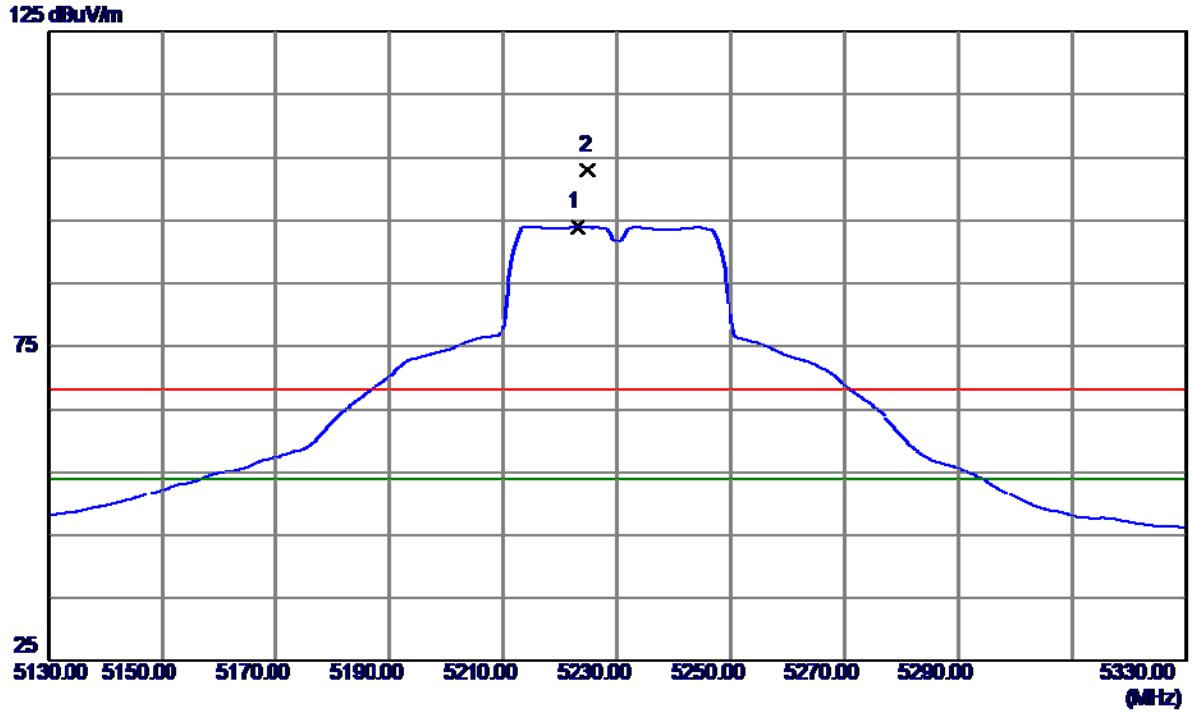
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10461.3000	46.50	16.58	63.08	68.30	-5.22	Peak	
2 *	10461.3000	33.15	16.58	49.73	54.00	-4.27	AVG	

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

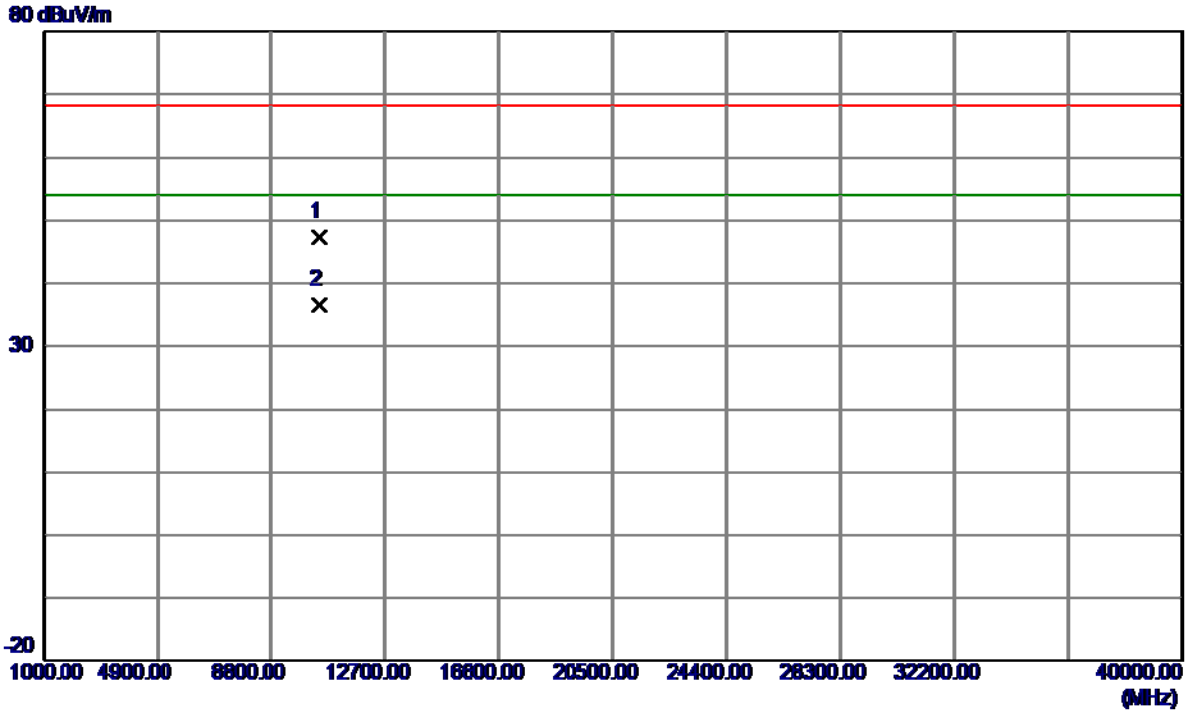
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5223.0000	52.42	41.59	94.01	54.00	40.01	AVG	No Limit
2	5225.0000	61.40	41.60	103.00	68.30	34.70	Peak	No Limit

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

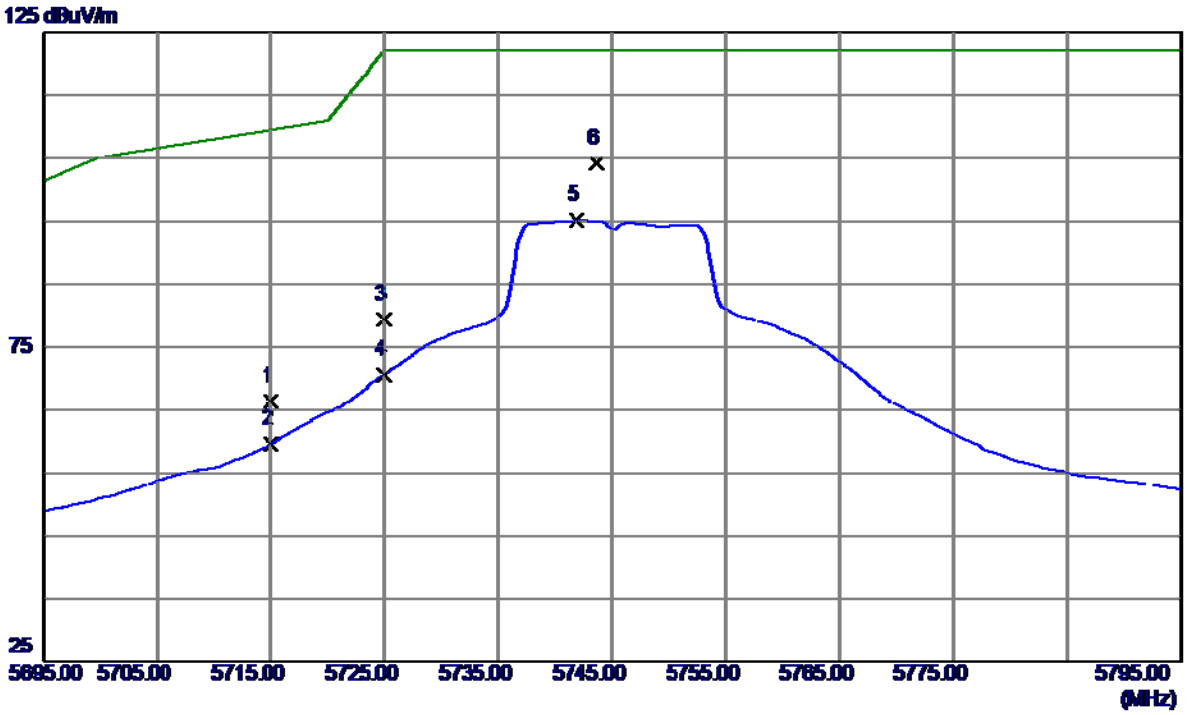
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.0100	30.76	16.58	47.34	68.30	-20.96	Peak	
2 *	10460.0800	19.99	16.58	36.57	54.00	-17.43	AVG	

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

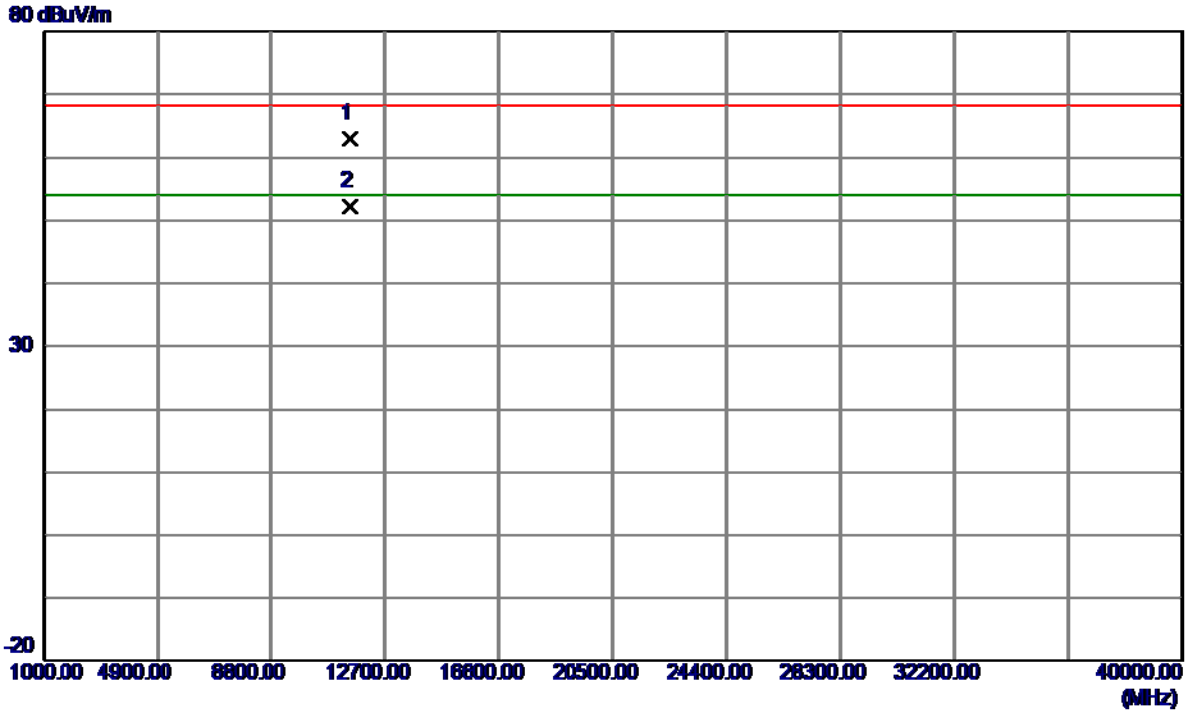
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.62	42.72	66.34	109.50	-43.16	Peak	
2	5715.0000	16.86	42.72	59.58	109.50	-49.92	AVG	
3	5725.0000	36.58	42.73	79.31	122.30	-42.99	Peak	
4	5725.0000	27.95	42.73	70.68	122.30	-51.62	AVG	
5	5741.9000	52.40	42.74	95.14	122.30	-27.16	AVG	
6 *	5743.7000	61.41	42.74	104.15	122.30	-18.15	Peak	

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

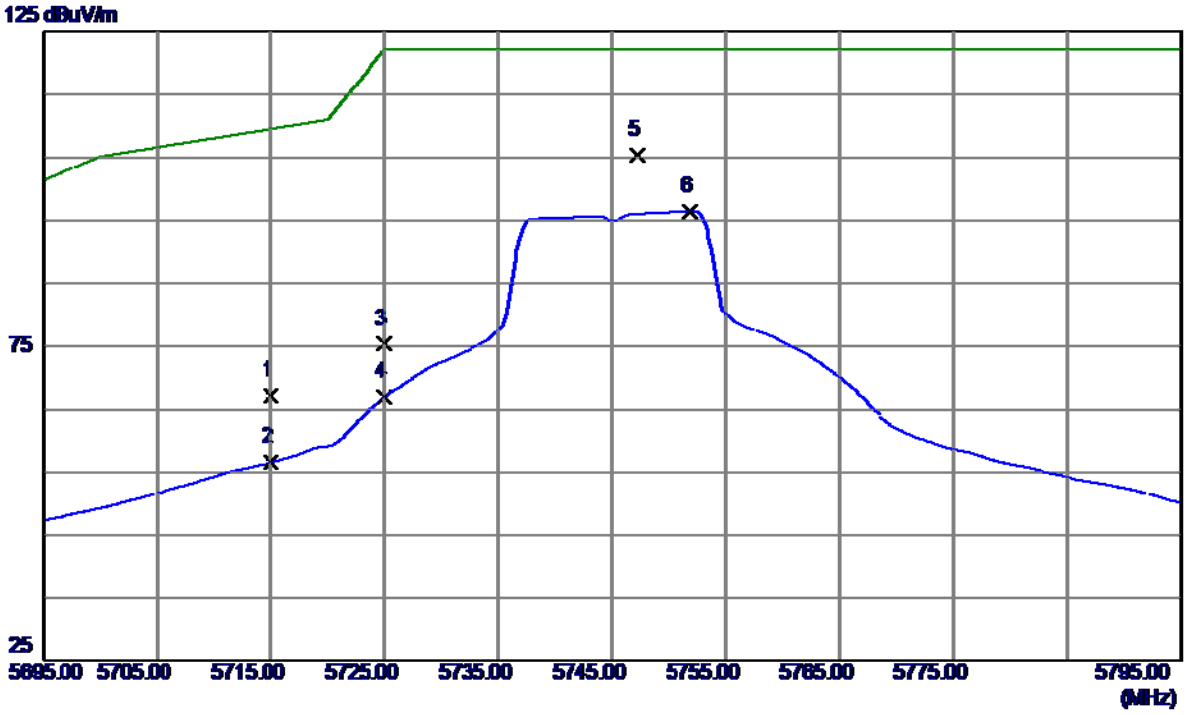
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11483.8000	45.15	17.88	63.03	68.30	-5.27	Peak	
2 *	11491.5000	34.29	17.89	52.18	54.00	-1.82	AVG	

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

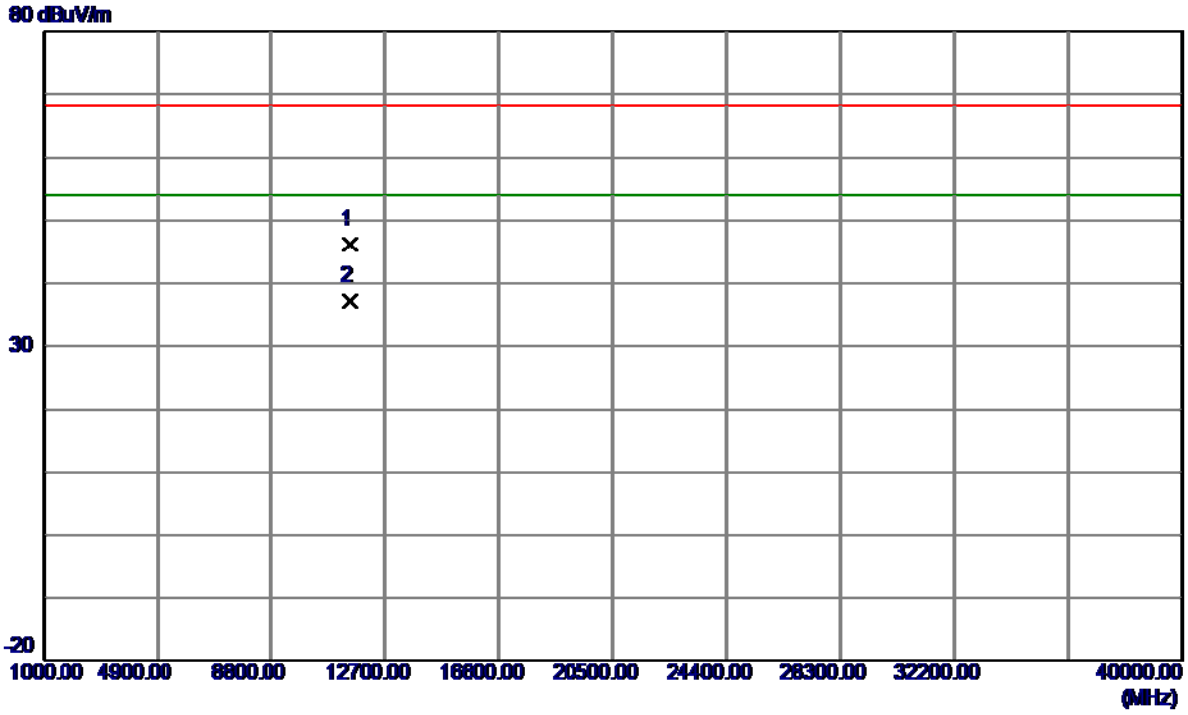
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.41	42.72	67.13	109.50	-42.37	Peak	
2	5715.0000	13.83	42.72	56.55	109.50	-52.95	AVG	
3	5725.0000	32.64	42.73	75.37	122.30	-46.93	Peak	
4	5725.0000	24.28	42.73	67.01	122.30	-55.29	AVG	
5 *	5747.2000	62.74	42.75	105.49	122.30	-16.81	Peak	
6	5751.9000	53.72	42.75	96.47	122.30	-25.83	AVG	

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

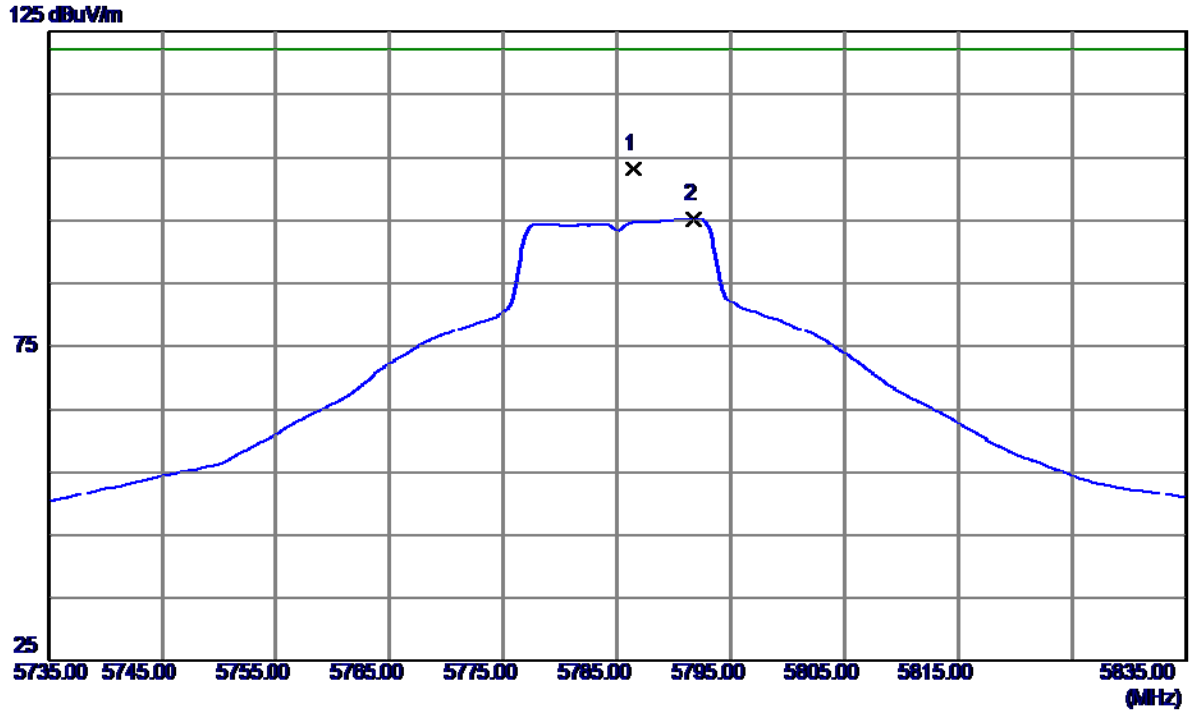
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.9100	28.39	17.89	46.28	68.30	-22.02	Peak	
2 *	11490.0950	19.22	17.89	37.11	54.00	-16.89	AVG	

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

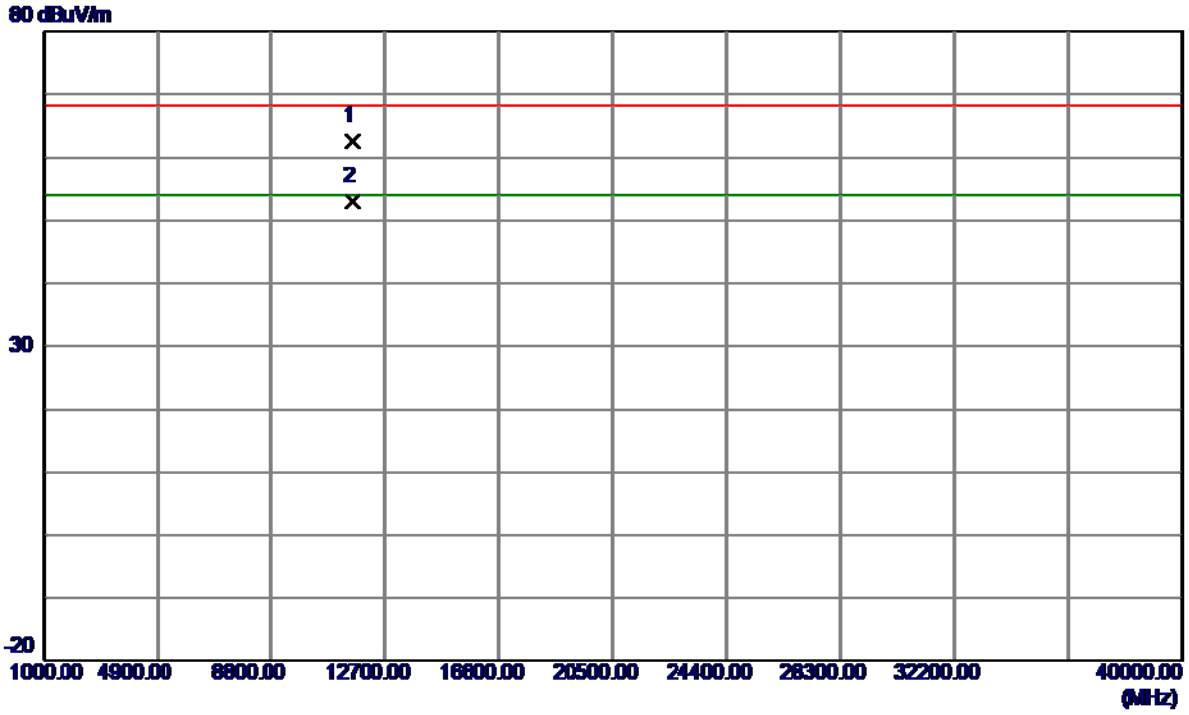
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5786.4000	60.34	42.78	103.12	122.30	-19.18	Peak	
2	5791.8000	52.48	42.79	95.27	122.30	-27.03	AVG	

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

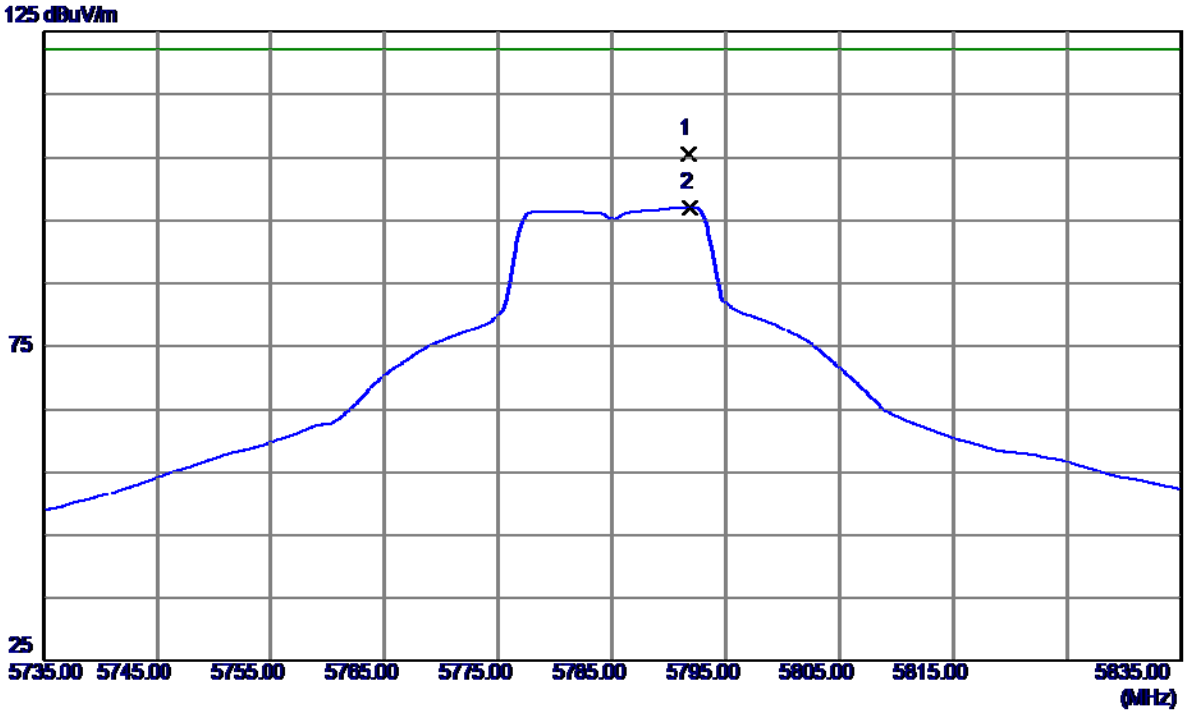
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11564.0000	44.66	17.85	62.51	68.30	-5.79	Peak	
2 *	11571.7000	35.08	17.85	52.93	54.00	-1.07	AVG	

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

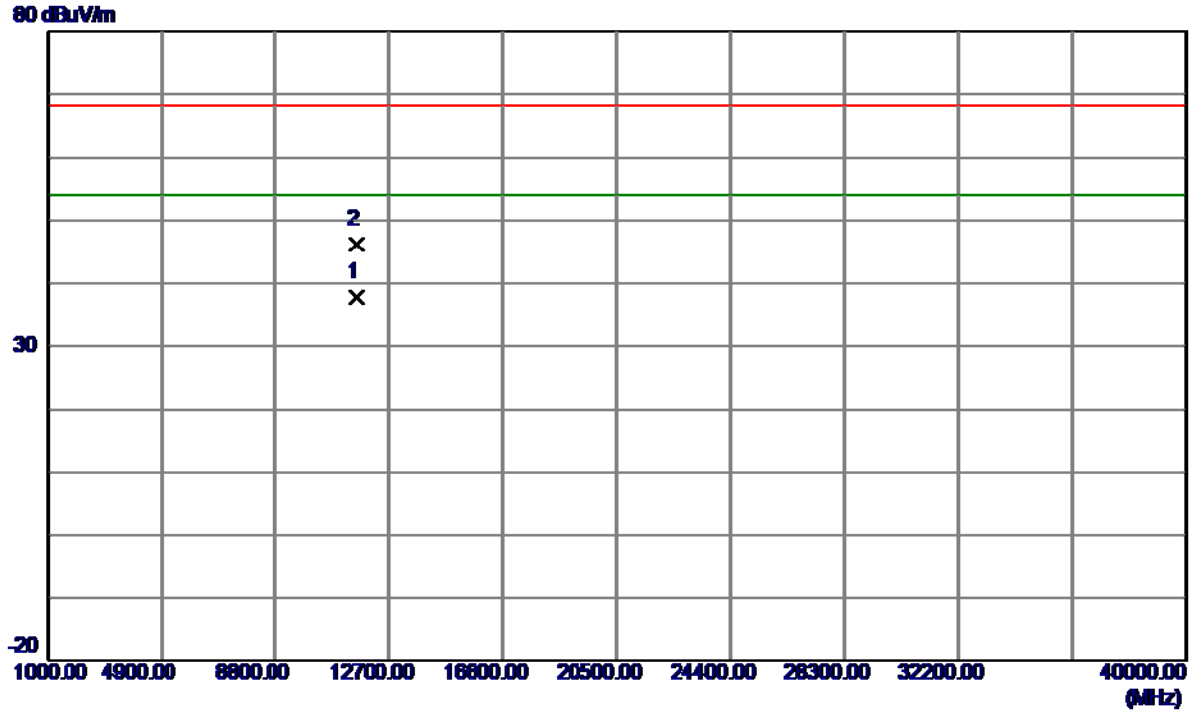
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.8000	62.82	42.79	105.61	122.30	-16.69	Peak	
2	5791.9000	54.29	42.79	97.08	122.30	-25.22	AVG	

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

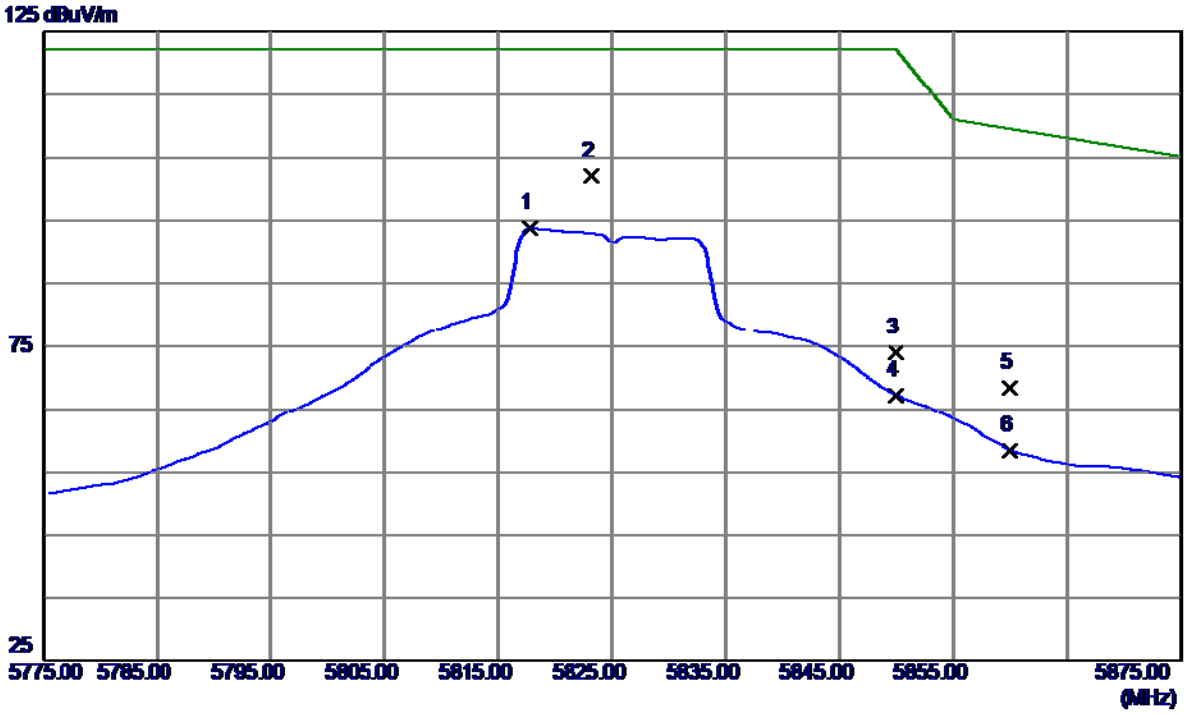
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.0000	19.90	17.85	37.75	54.00	-16.25	AVG	
2	11570.2000	28.42	17.85	46.27	68.30	-22.03	Peak	

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

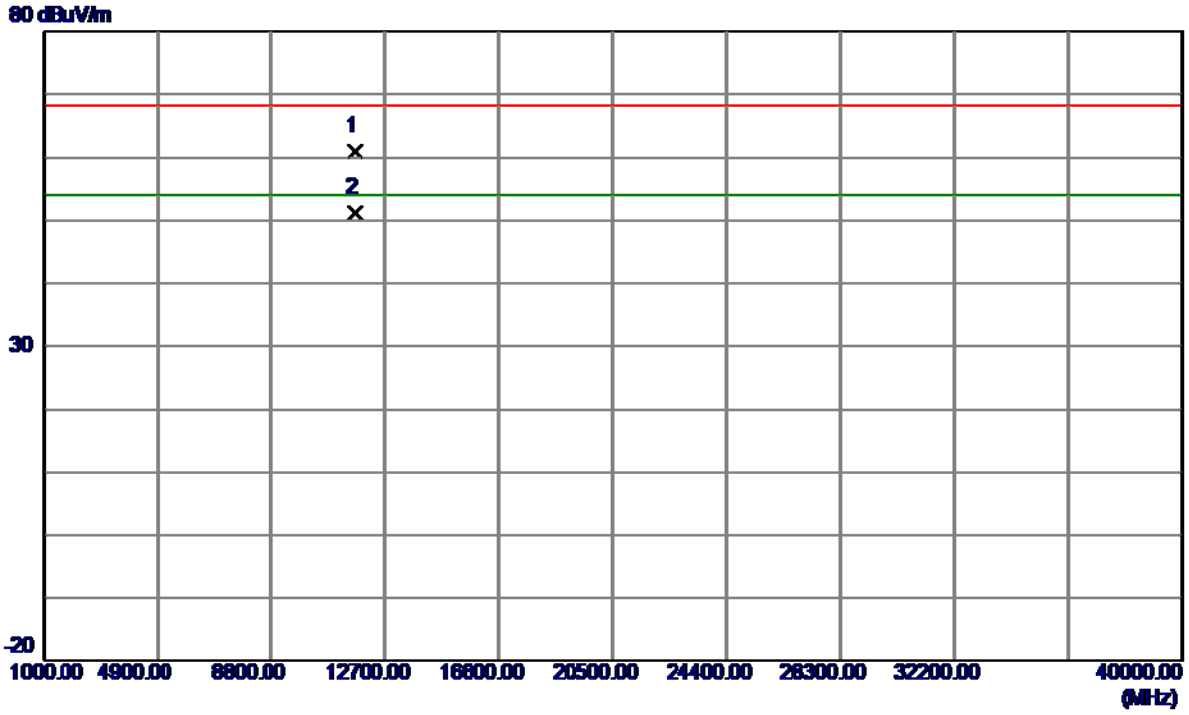
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.8000	50.97	42.81	93.78	122.30	-28.52	AVG	
2 *	5823.2000	59.29	42.81	102.10	122.30	-20.20	Peak	
3	5850.0000	31.10	42.84	73.94	122.30	-48.36	Peak	
4	5850.0000	24.45	42.84	67.29	122.30	-55.01	AVG	
5	5860.0000	25.47	42.85	68.32	109.50	-41.18	Peak	
6	5860.0000	15.64	42.85	58.49	109.50	-51.01	AVG	

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

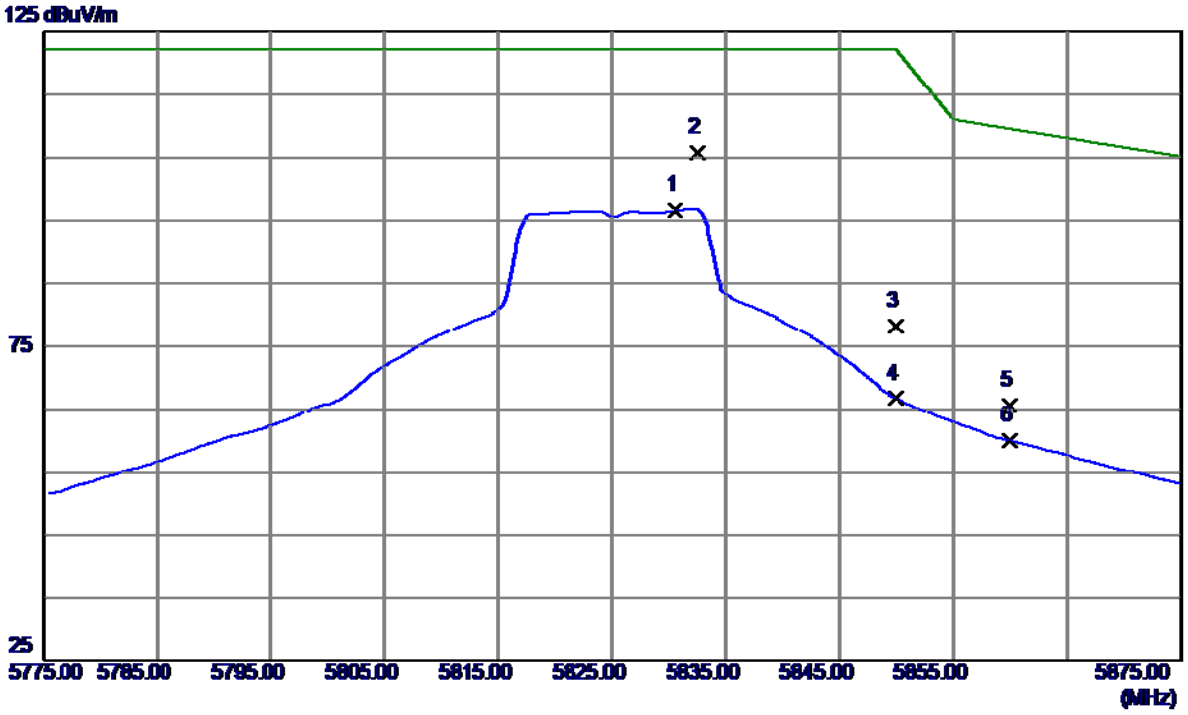
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.8000	43.12	17.79	60.91	68.30	-7.39	Peak	
2 *	11653.3000	33.46	17.78	51.24	54.00	-2.76	AVG	

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

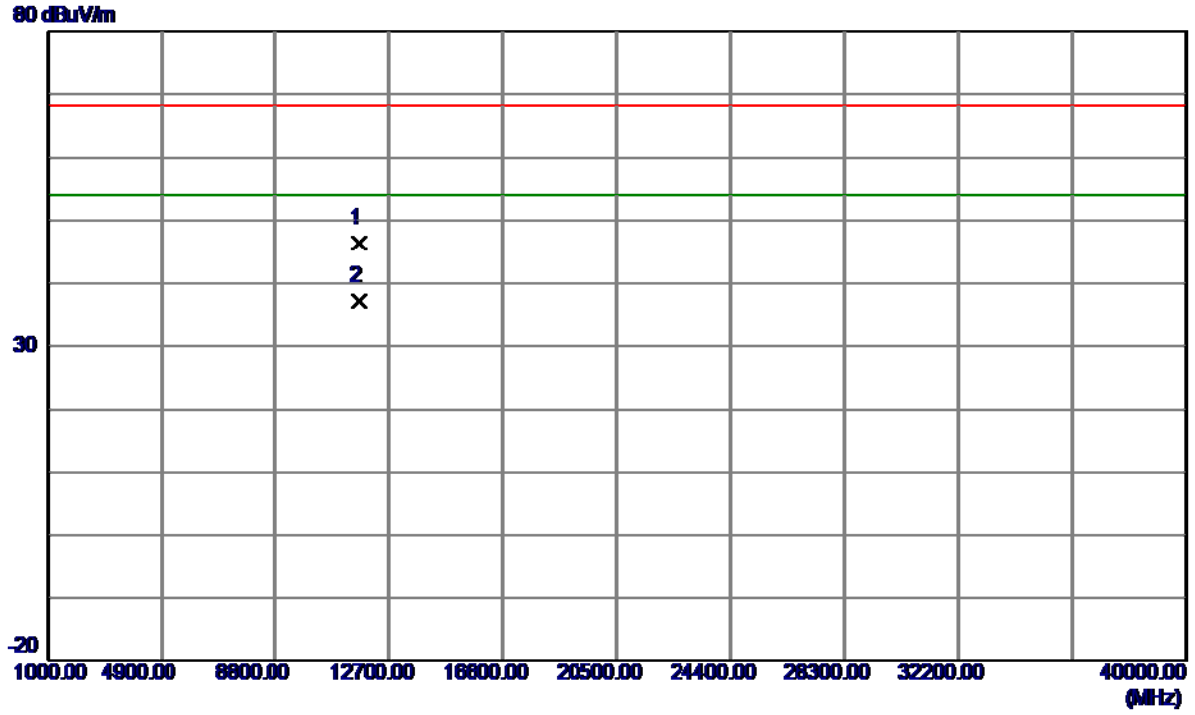
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5830.6000	53.71	42.82	96.53	122.30	-25.77	AVG	
2 *	5832.6000	63.04	42.82	105.86	122.30	-16.44	Peak	
3	5850.0000	35.30	42.84	78.14	122.30	-44.16	Peak	
4	5850.0000	23.86	42.84	66.70	122.30	-55.60	AVG	
5	5860.0000	22.69	42.85	65.54	109.50	-43.96	Peak	
6	5860.0000	17.10	42.85	59.95	109.50	-49.55	AVG	

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

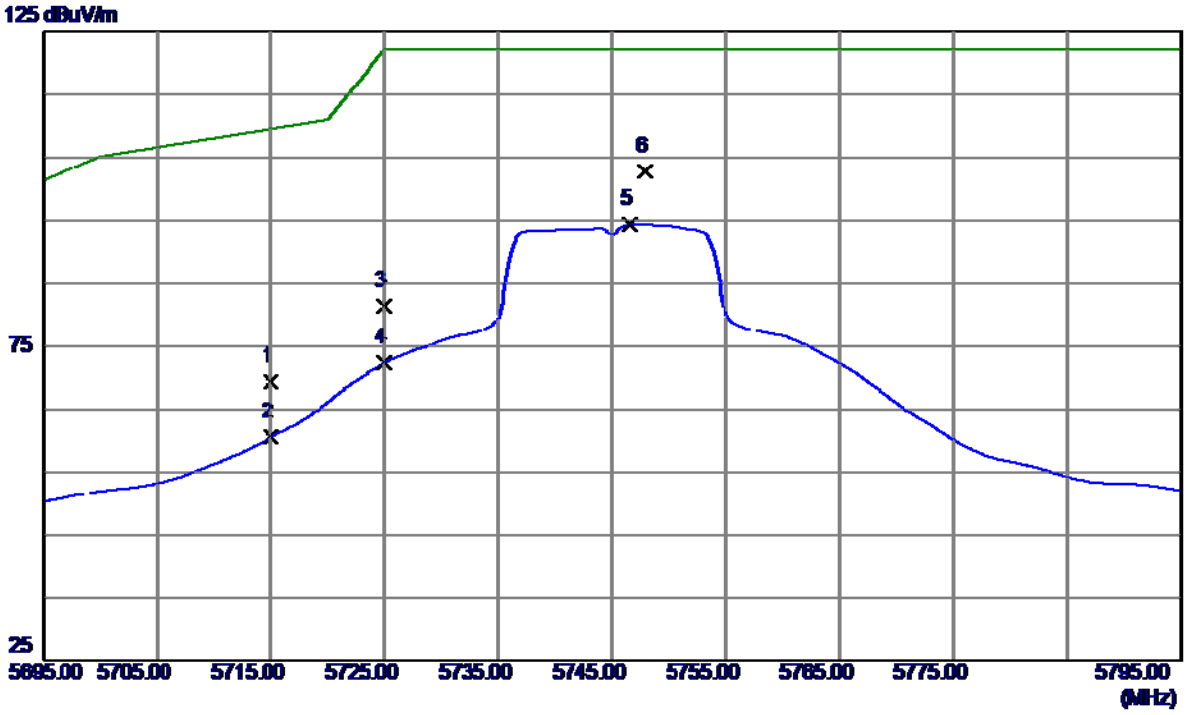
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11644.3000	28.64	17.79	46.43	68.30	-21.87	Peak	
2 *	11649.9000	19.47	17.79	37.26	54.00	-16.74	AVG	

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

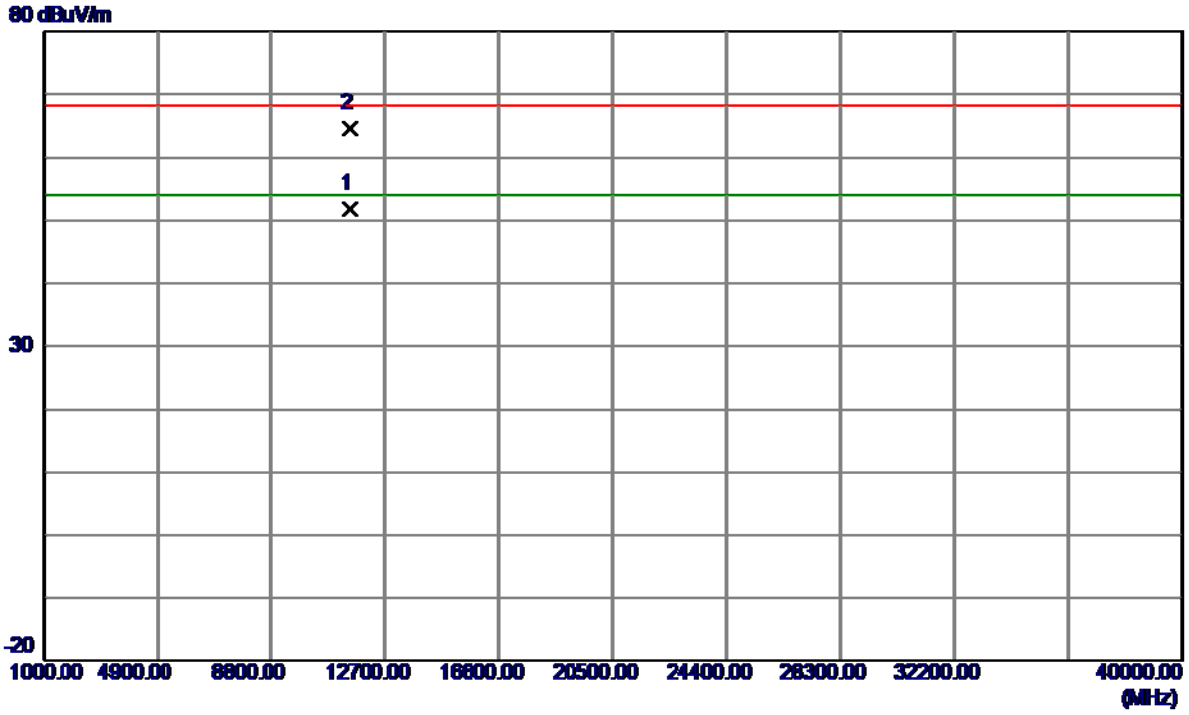
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.68	42.72	69.40	109.50	-40.10	Peak	
2	5715.0000	17.84	42.72	60.56	109.50	-48.94	AVG	
3	5725.0000	38.73	42.73	81.46	122.30	-40.84	Peak	
4	5725.0000	29.60	42.73	72.33	122.30	-49.97	AVG	
5	5746.6000	51.57	42.75	94.32	122.30	-27.98	AVG	
6 *	5747.9000	60.14	42.75	102.89	122.30	-19.41	Peak	

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

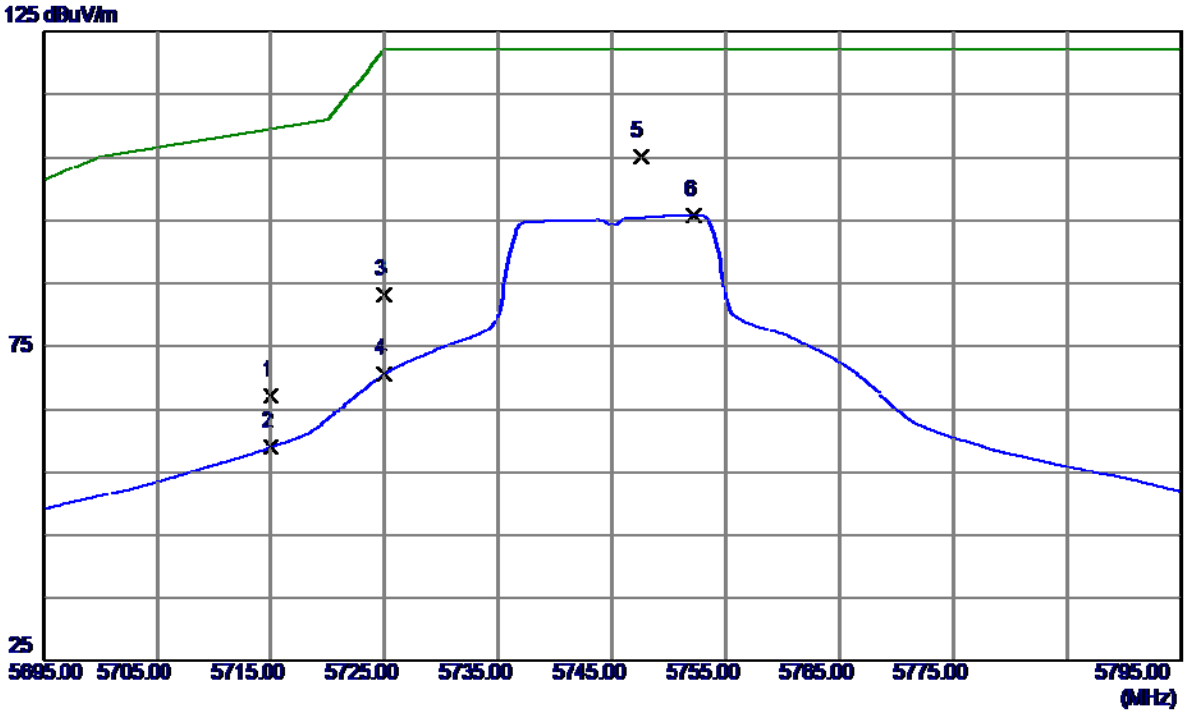
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11489.6000	33.98	17.89	51.87	54.00	-2.13	AVG	
2	11490.1000	46.76	17.89	64.65	68.30	-3.65	Peak	

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

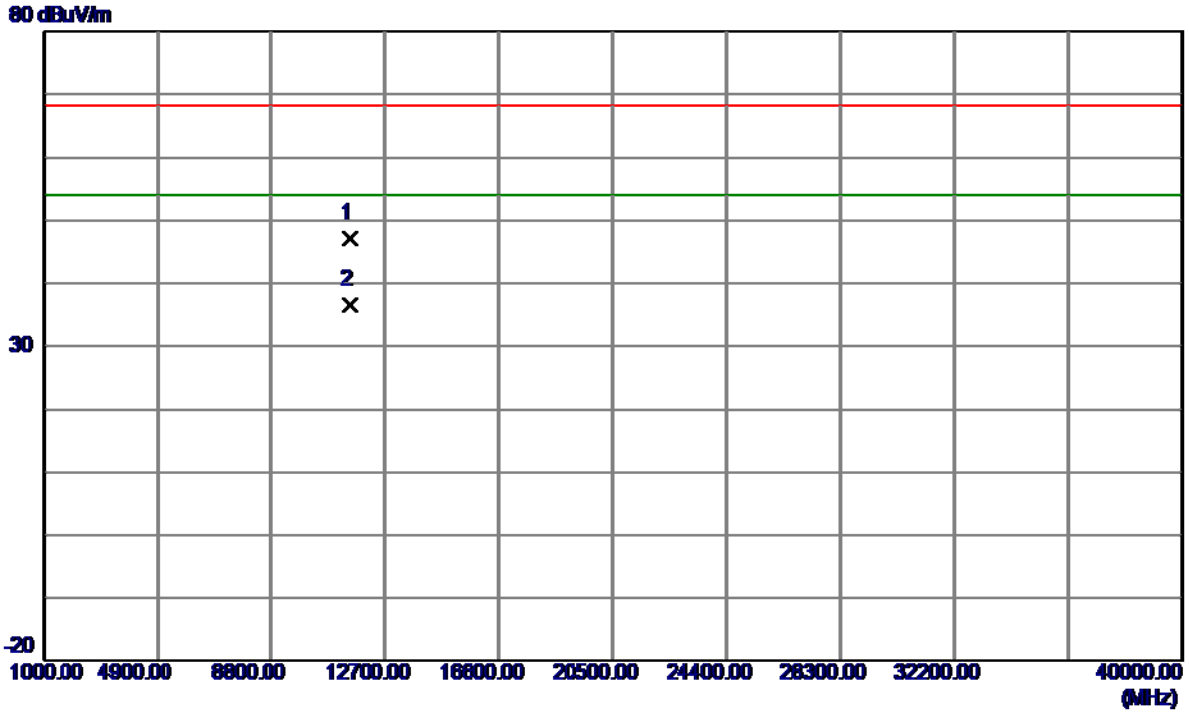
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.47	42.72	67.19	109.50	-42.31	Peak	
2	5715.0000	16.24	42.72	58.96	109.50	-50.54	AVG	
3	5725.0000	40.55	42.73	83.28	122.30	-39.02	Peak	
4	5725.0000	27.86	42.73	70.59	122.30	-51.71	AVG	
5 *	5747.5000	62.50	42.75	105.25	122.30	-17.05	Peak	
6	5752.2000	53.08	42.75	95.83	122.30	-26.47	AVG	

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

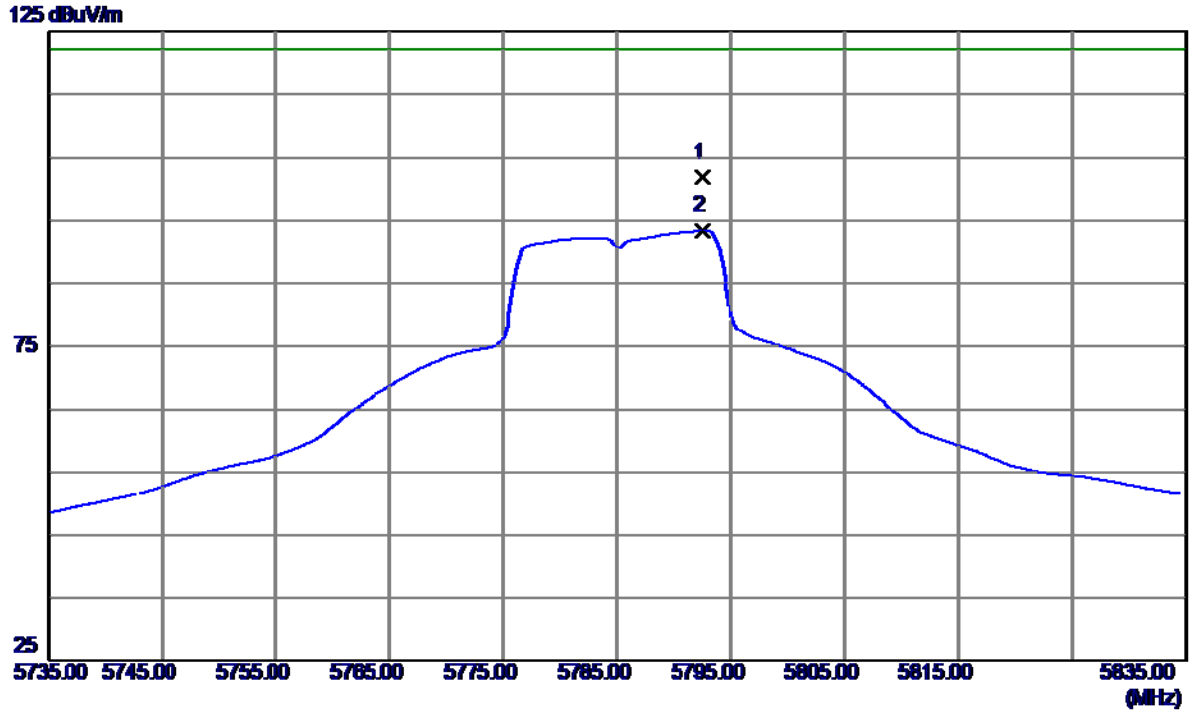
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11478.5500	29.27	17.87	47.14	68.30	-21.16	Peak	
2 *	11489.9000	18.76	17.89	36.65	54.00	-17.35	AVG	

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

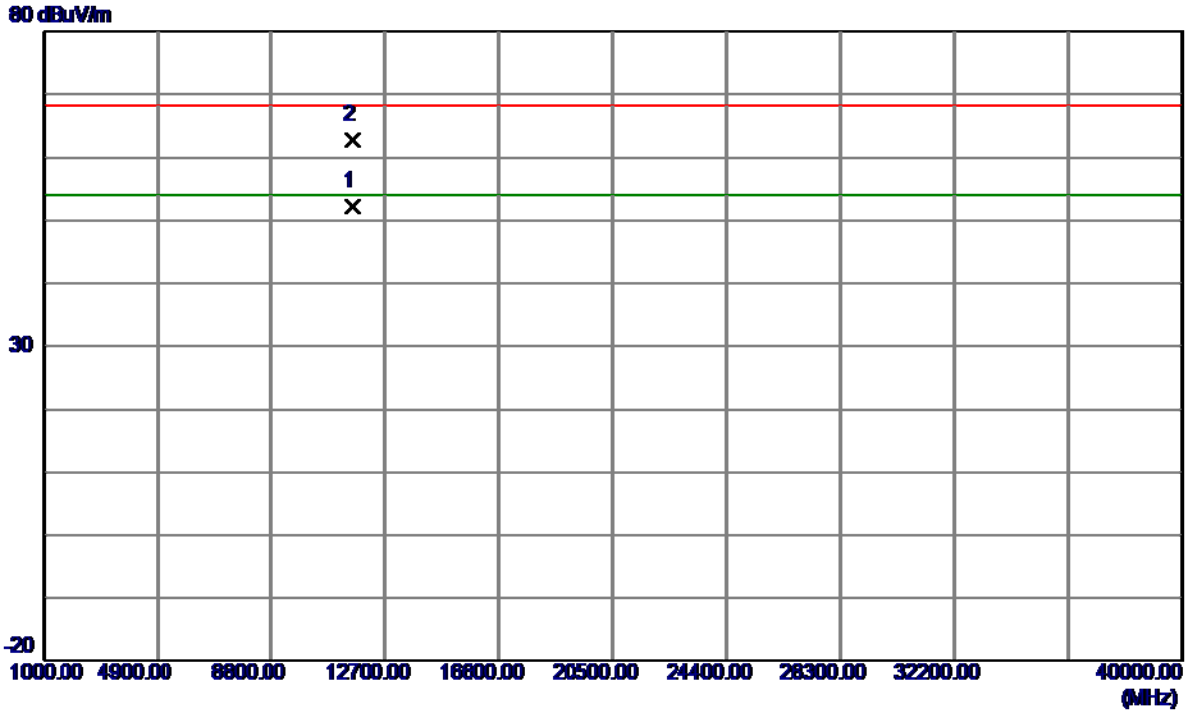
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5792.6000	59.05	42.79	101.84	122.30	-20.46	Peak	
2	5792.6000	50.63	42.79	93.42	122.30	-28.88	AVG	

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

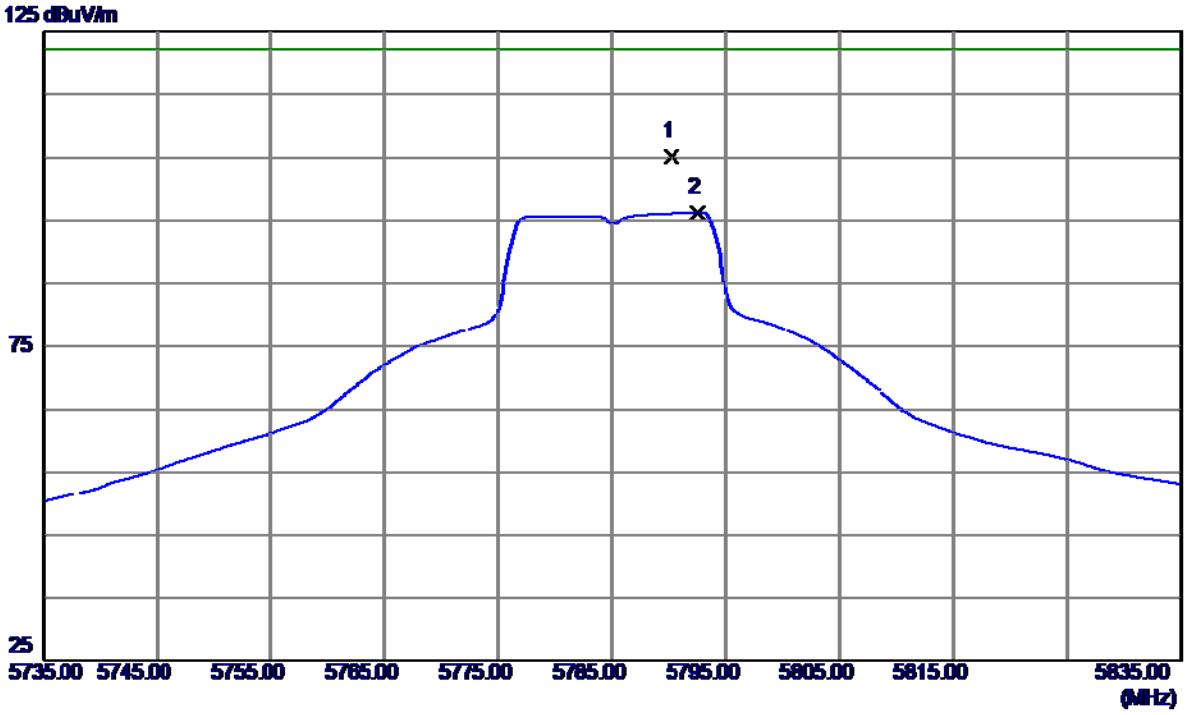
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.8000	34.33	17.85	52.18	54.00	-1.82	AVG	
2	11573.0000	44.97	17.85	62.82	68.30	-5.48	Peak	

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

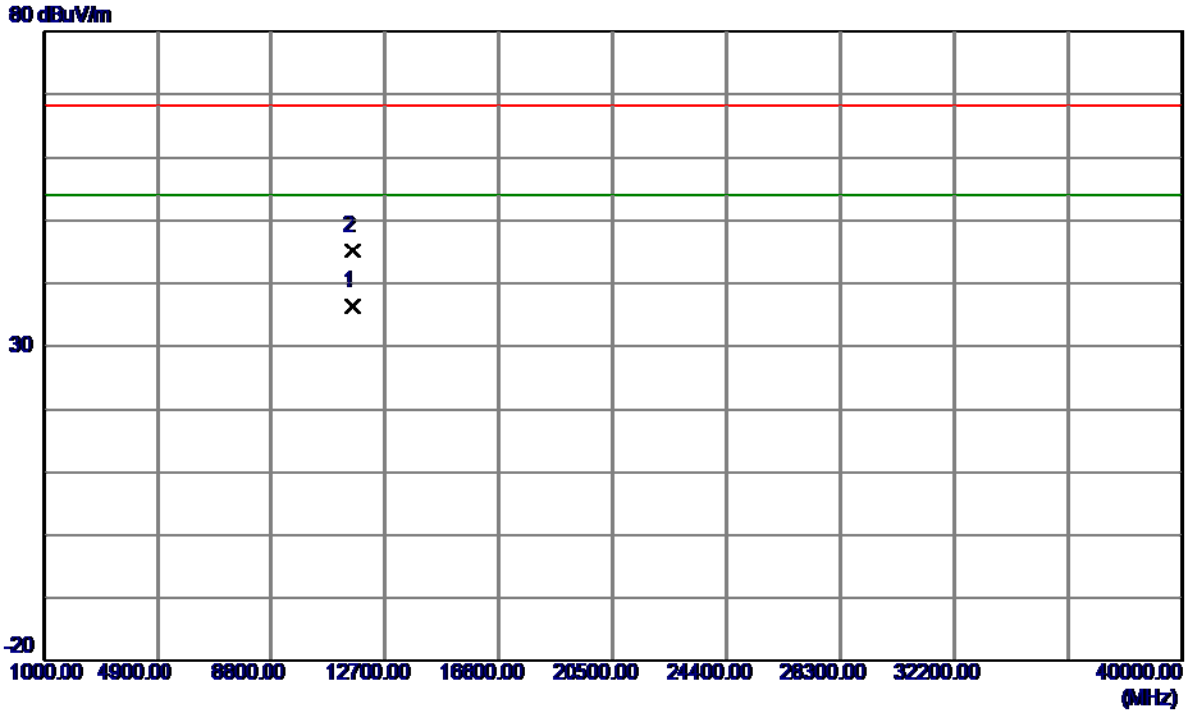
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5790.2000	62.45	42.79	105.24	122.30	-17.06	Peak	
2	5792.6000	53.50	42.79	96.29	122.30	-26.01	AVG	

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

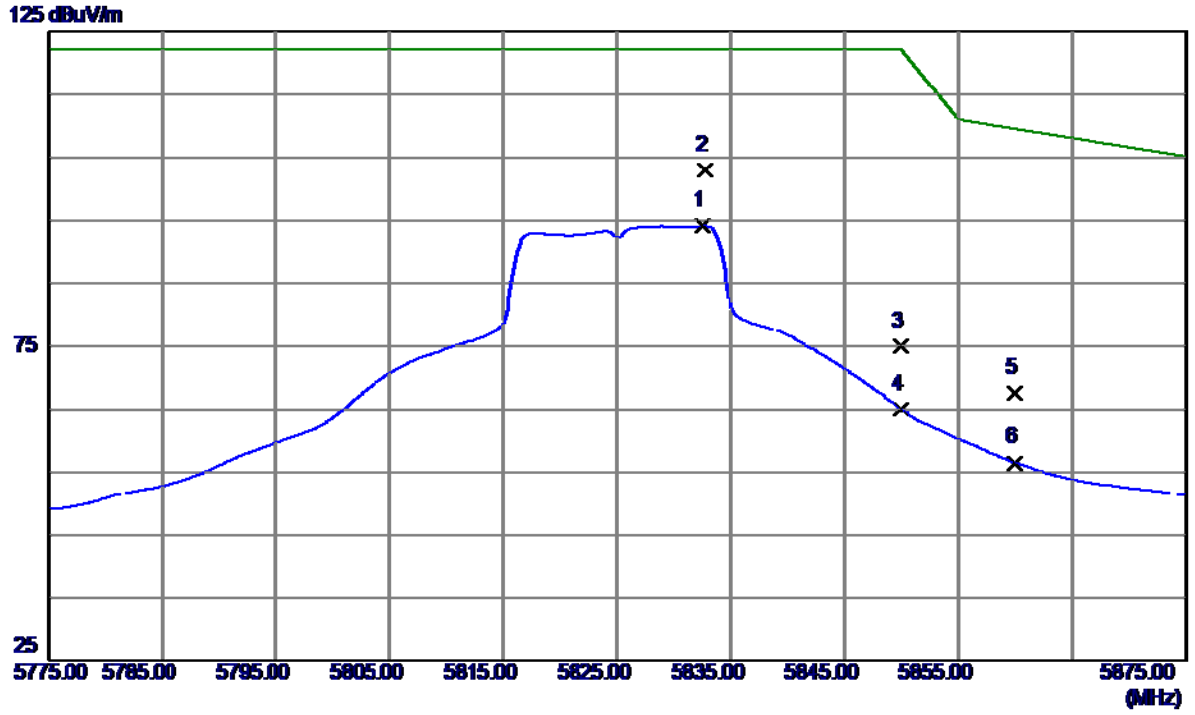
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.1000	18.62	17.85	36.47	54.00	-17.53	AVG	
2	11571.6000	27.36	17.85	45.21	68.30	-23.09	Peak	

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

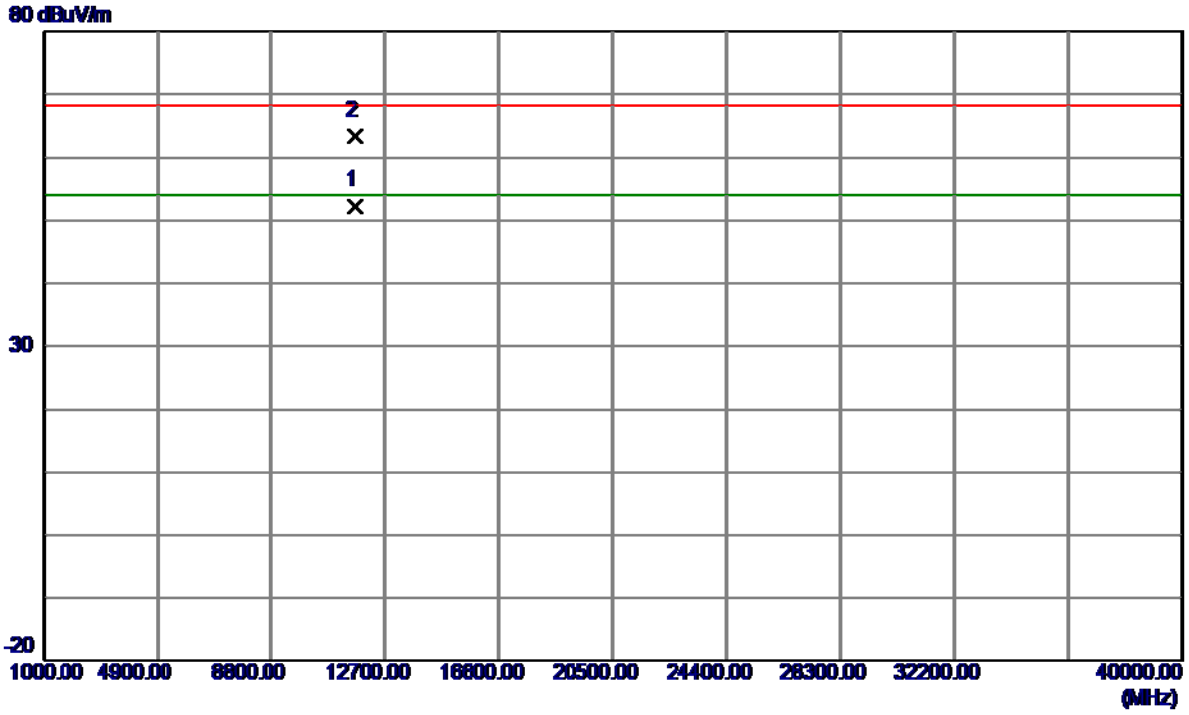
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5832.6000	51.29	42.82	94.11	122.30	-28.19	AVG	
2 *	5832.8000	60.18	42.82	103.00	122.30	-19.30	Peak	
3	5850.0000	32.17	42.84	75.01	122.30	-47.29	Peak	
4	5850.0000	22.17	42.84	65.01	122.30	-57.29	AVG	
5	5860.0000	24.69	42.85	67.54	109.50	-41.96	Peak	
6	5860.0000	13.65	42.85	56.50	109.50	-53.00	AVG	

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

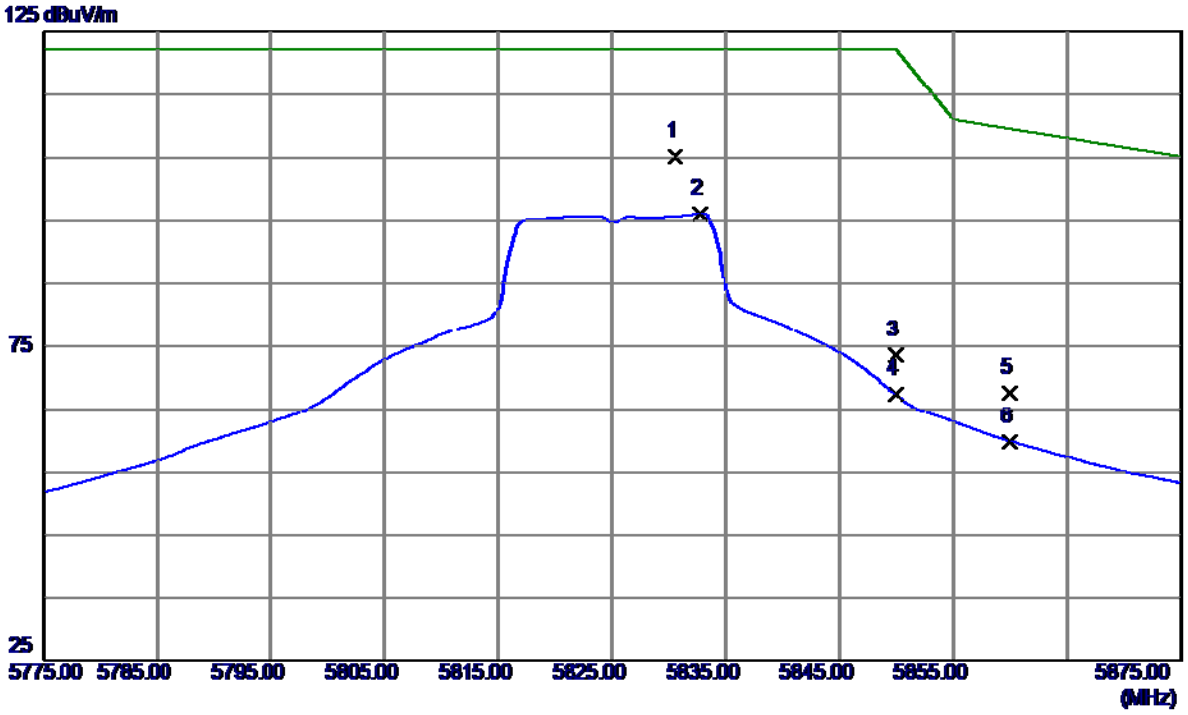
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.7000	34.51	17.79	52.30	54.00	-1.70	AVG	
2	11651.5000	45.58	17.79	63.37	68.30	-4.93	Peak	

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

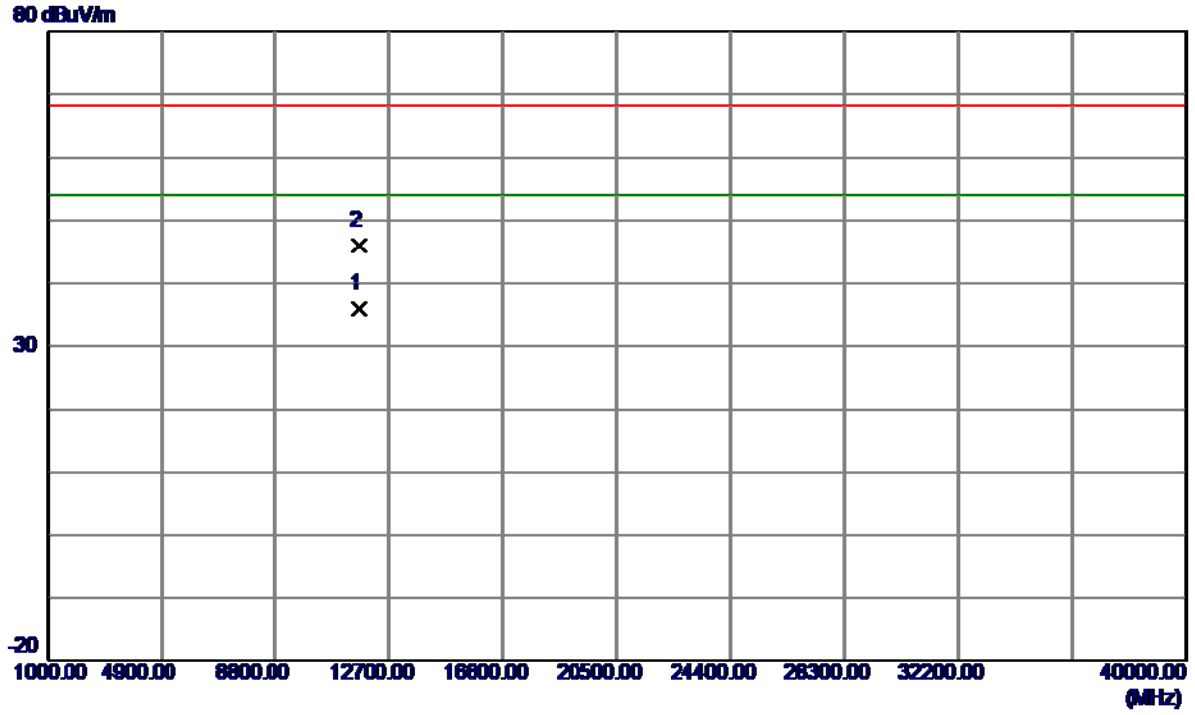
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5830.6000	62.43	42.82	105.25	122.30	-17.05	Peak	
2	5832.8000	53.24	42.82	96.06	122.30	-26.24	AVG	
3	5850.0000	30.83	42.84	73.67	122.30	-48.63	Peak	
4	5850.0000	24.47	42.84	67.31	122.30	-54.99	AVG	
5	5860.0000	24.80	42.85	67.65	109.50	-41.85	Peak	
6	5860.0000	17.03	42.85	59.88	109.50	-49.62	AVG	

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

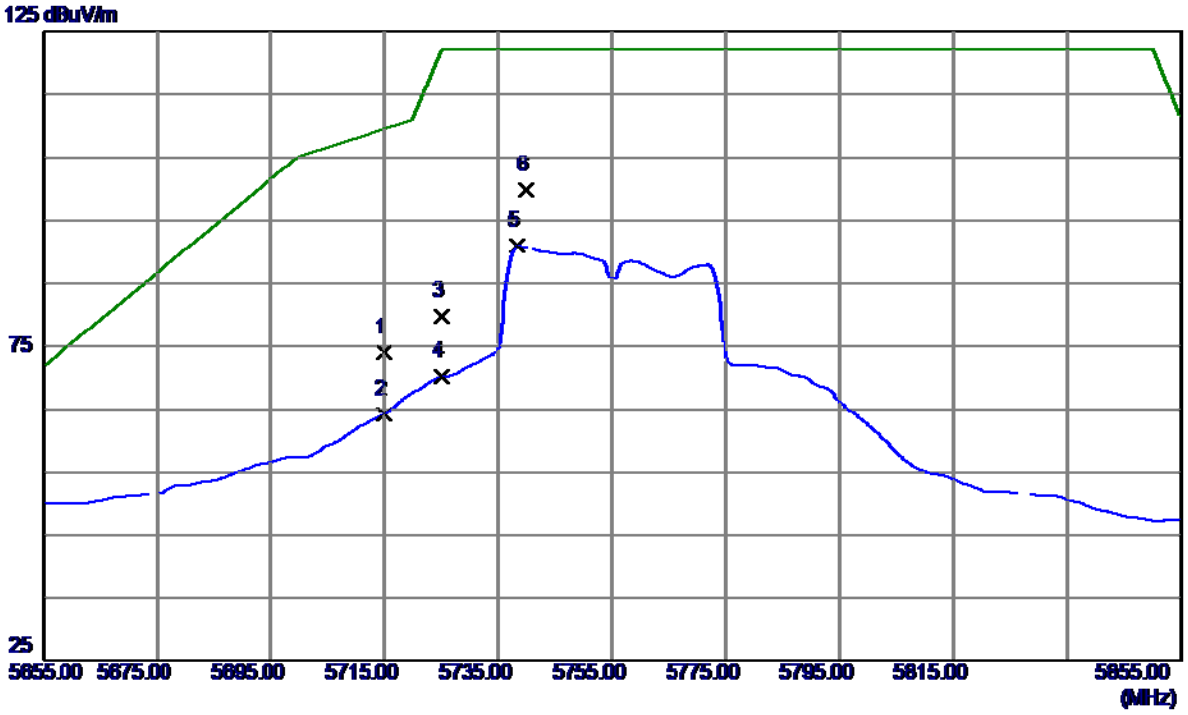
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.6500	18.22	17.79	36.01	54.00	-17.99	AVG	
2	11653.7000	28.15	17.78	45.93	68.30	-22.37	Peak	

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

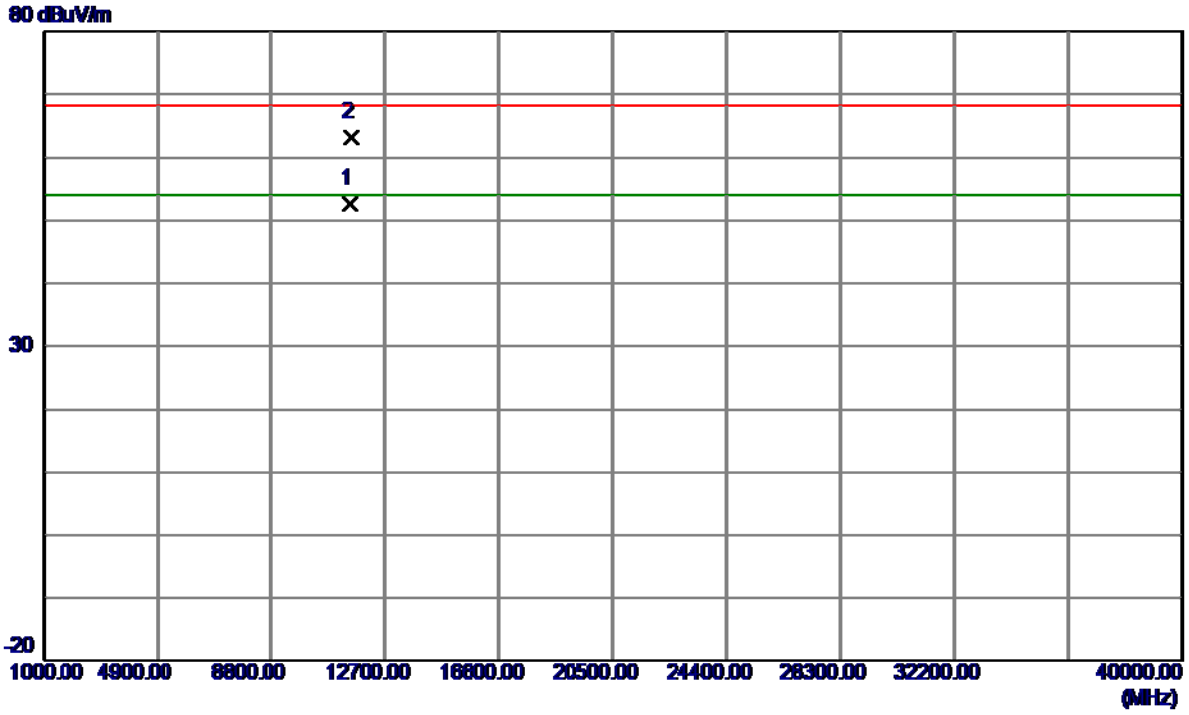
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	31.33	42.72	74.05	109.50	-35.45	Peak	
2	5715.0000	21.49	42.72	64.21	109.50	-45.29	AVG	
3	5725.0000	37.11	42.73	79.84	122.30	-42.46	Peak	
4	5725.0000	27.39	42.73	70.12	122.30	-52.18	AVG	
5	5738.4000	48.22	42.74	90.96	122.30	-31.34	AVG	
6 *	5739.8000	57.03	42.74	99.77	122.30	-22.53	Peak	

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

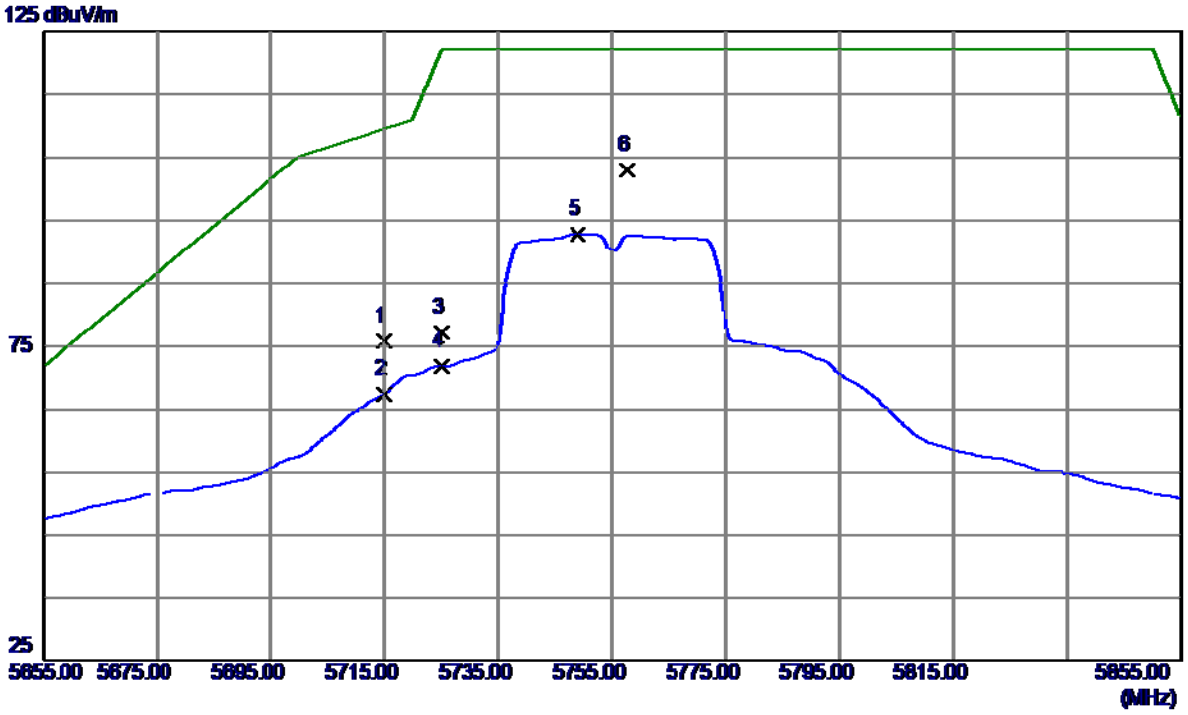
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11503.7000	34.64	17.90	52.54	54.00	-1.46	AVG	
2	11513.4000	45.25	17.89	63.14	68.30	-5.16	Peak	

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

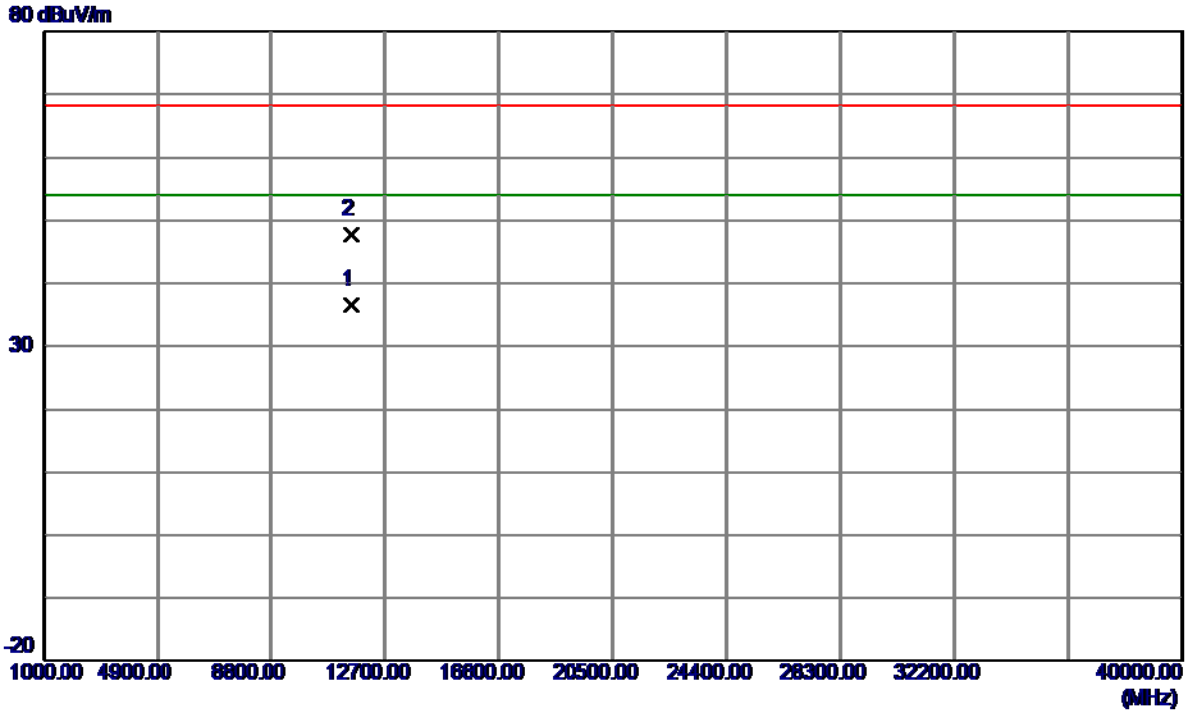
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	33.03	42.72	75.75	109.50	-33.75	Peak	
2	5715.0000	24.75	42.72	67.47	109.50	-42.03	AVG	
3	5725.0000	34.54	42.73	77.27	122.30	-45.03	Peak	
4	5725.0000	29.00	42.73	71.73	122.30	-50.57	AVG	
5	5749.0000	50.12	42.75	92.87	122.30	-29.43	AVG	
6 *	5757.6000	60.15	42.76	102.91	122.30	-19.39	Peak	

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

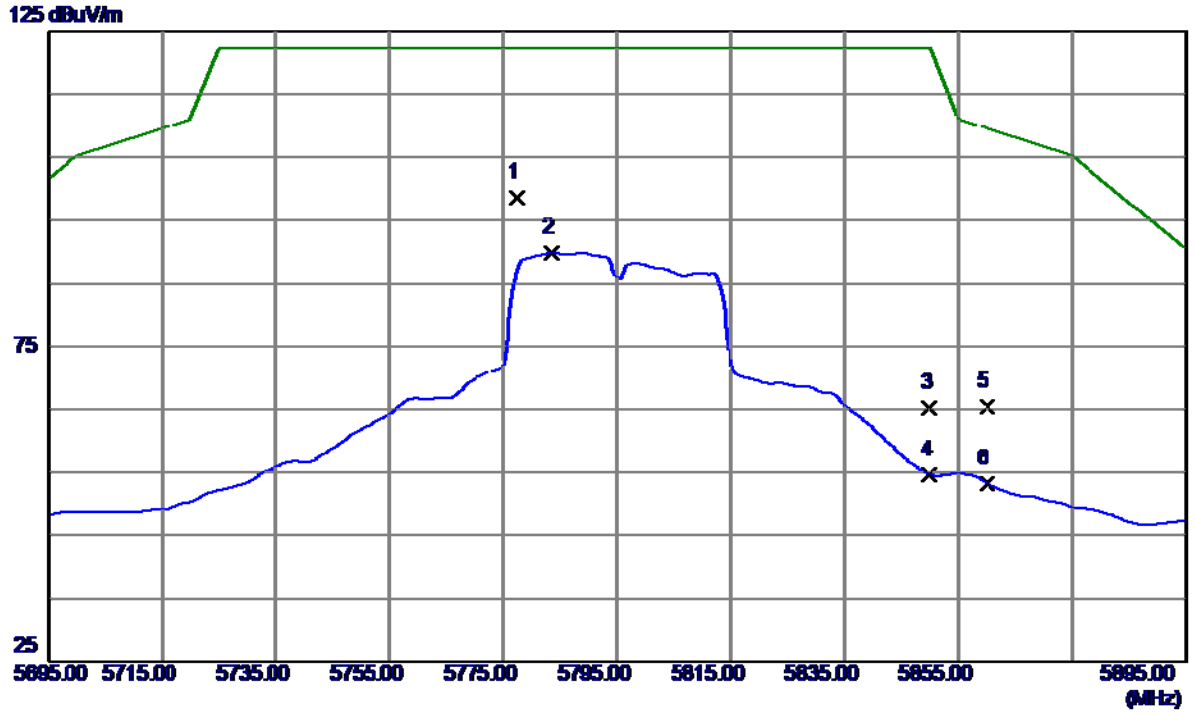
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.9800	18.78	17.90	36.68	54.00	-17.32	AVG	
2	11511.0300	29.81	17.90	47.71	68.30	-20.59	Peak	

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

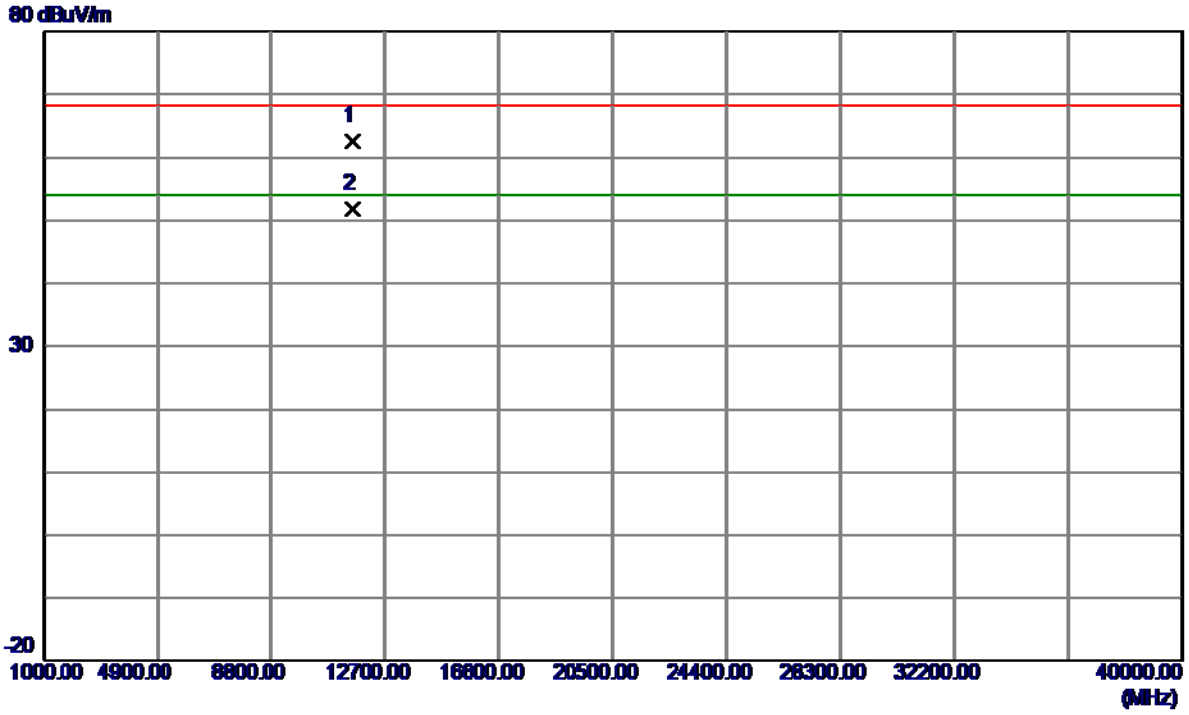
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5777.4000	55.82	42.77	98.59	122.30	-23.71	Peak	
2	5783.4000	47.05	42.78	89.83	122.30	-32.47	AVG	
3	5850.0000	22.44	42.84	65.28	122.30	-57.02	Peak	
4	5850.0000	11.80	42.84	54.64	122.30	-67.66	AVG	
5	5860.0000	22.63	42.85	65.48	109.50	-44.02	Peak	
6	5860.0000	10.44	42.85	53.29	109.50	-56.21	AVG	

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

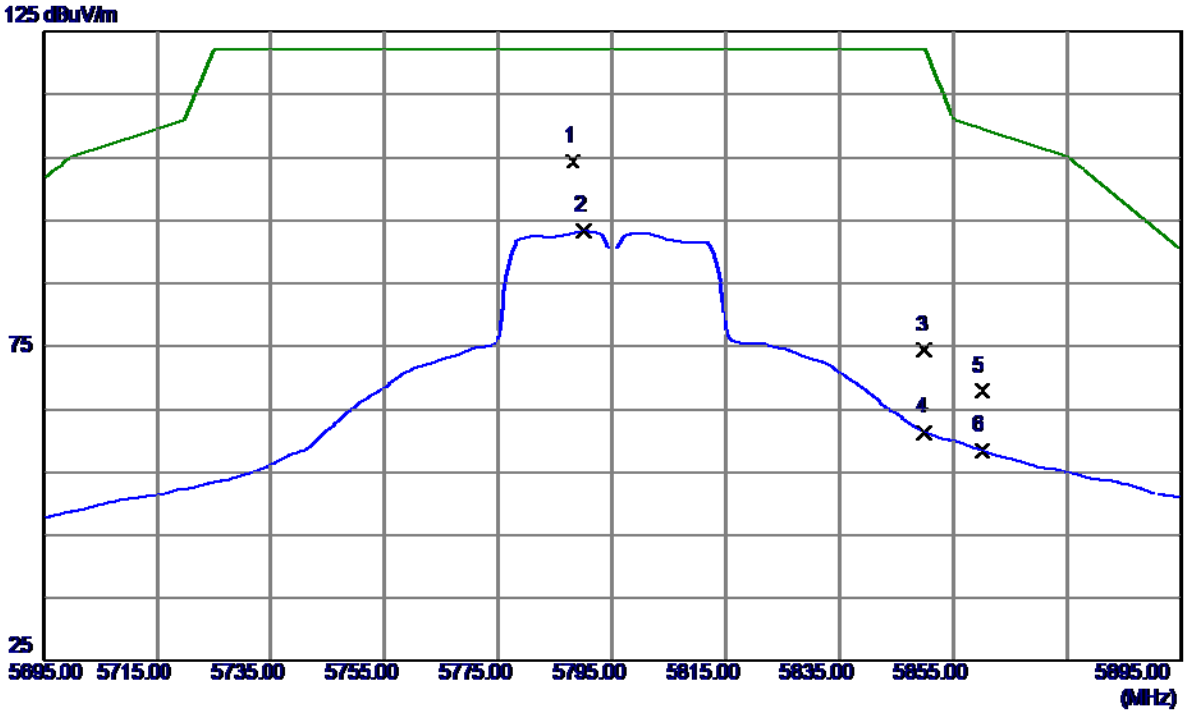
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11586.3000	44.81	17.84	62.65	68.30	-5.65	Peak	
2 *	11589.0000	33.88	17.83	51.71	54.00	-2.29	AVG	

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

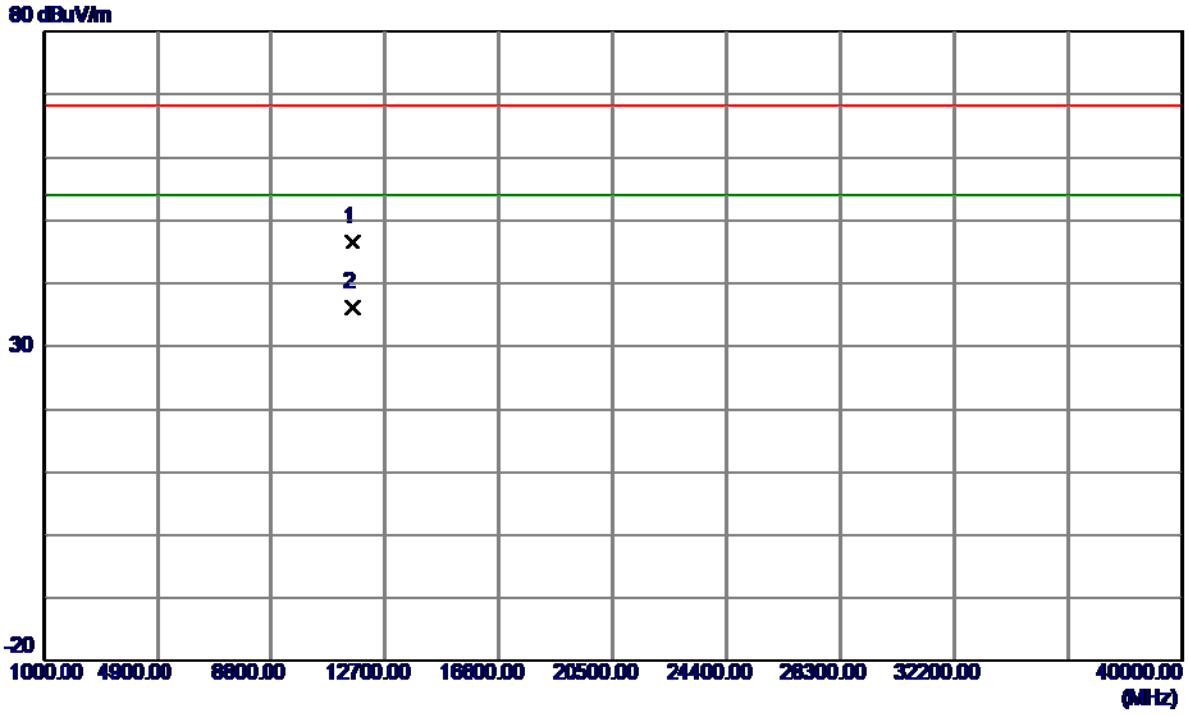
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5788.2000	61.64	42.78	104.42	122.30	-17.88	Peak	
2	5790.2000	50.53	42.79	93.32	122.30	-28.98	AVG	
3	5850.0000	31.63	42.84	74.47	122.30	-47.83	Peak	
4	5850.0000	18.46	42.84	61.30	122.30	-61.00	AVG	
5	5860.0000	25.05	42.85	67.90	109.50	-41.60	Peak	
6	5860.0000	15.57	42.85	58.42	109.50	-51.08	AVG	

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

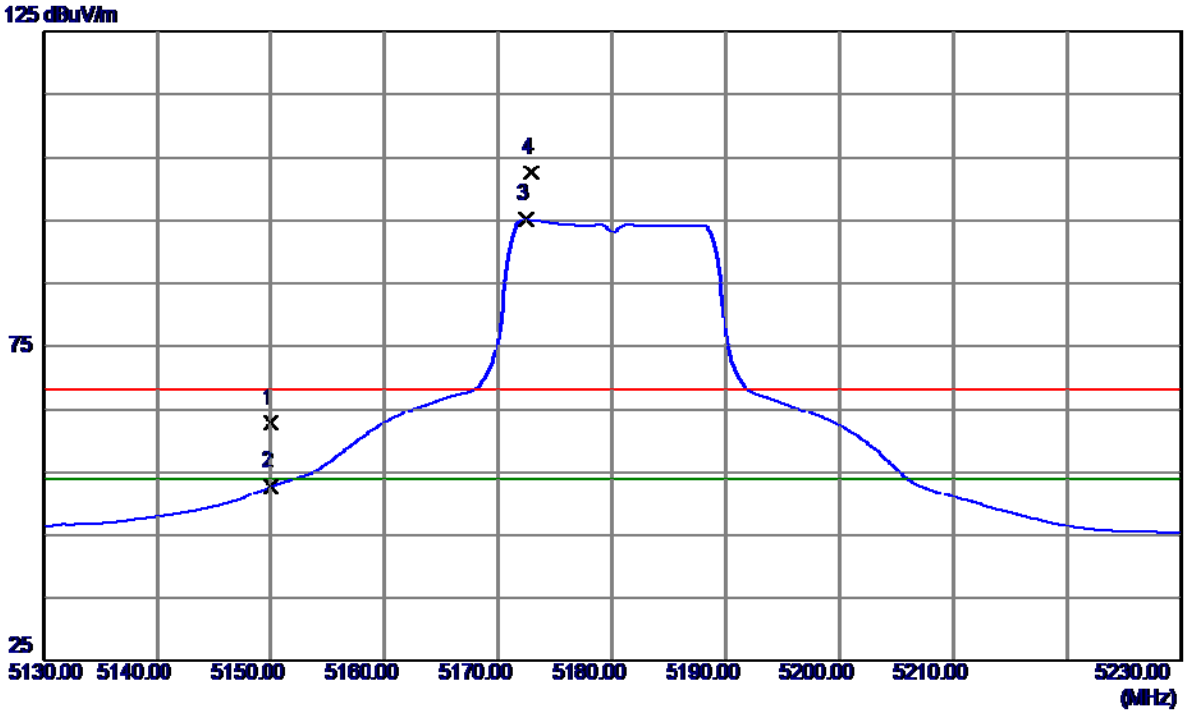
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.8150	28.84	17.83	46.67	68.30	-21.63	Peak	
2 *	11590.1650	18.40	17.83	36.23	54.00	-17.77	AVG	

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

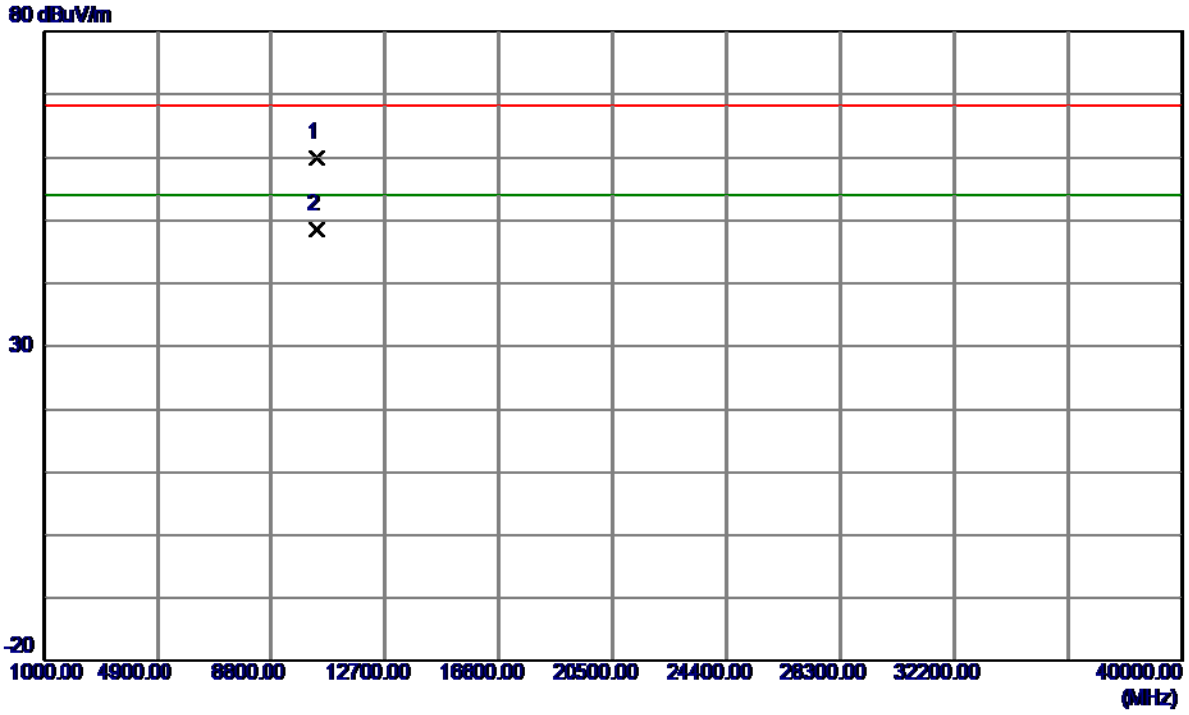
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.53	41.35	62.88	68.30	-5.42	Peak	
2	5150.0000	11.39	41.35	52.74	54.00	-1.26	AVG	
3 *	5172.4000	53.71	41.42	95.13	54.00	41.13	AVG	No Limit
4	5172.9000	61.17	41.42	102.59	68.30	34.29	Peak	No Limit

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

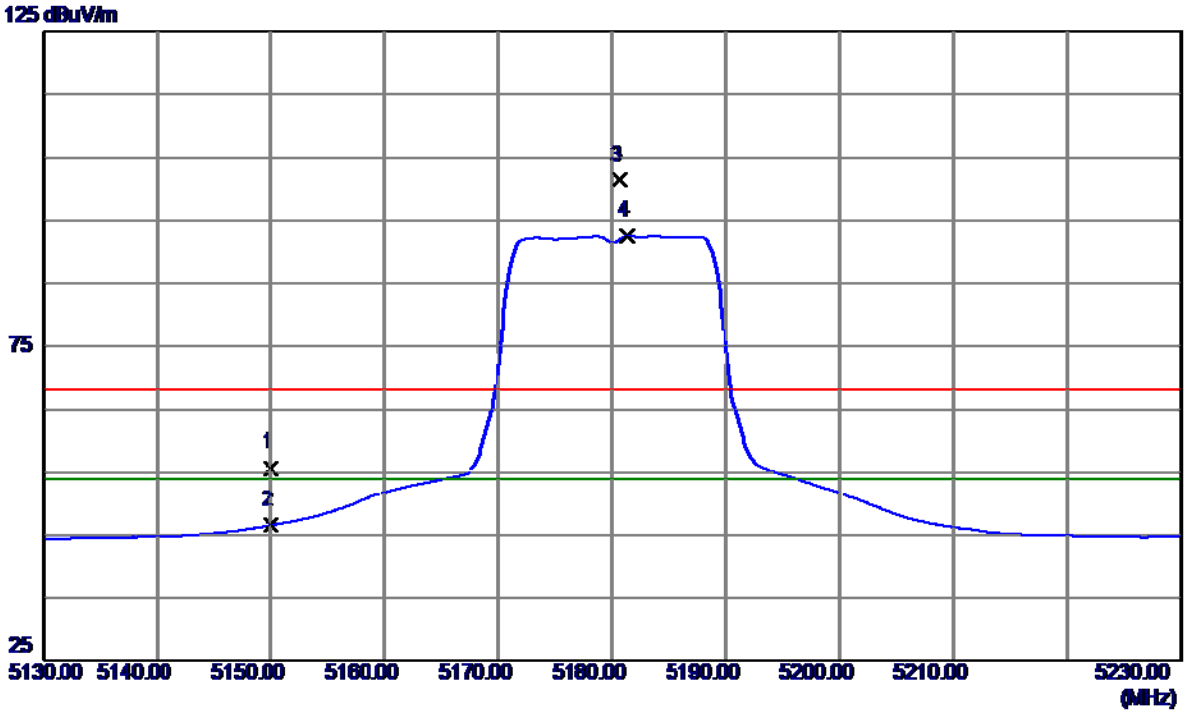
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10357.8500	43.61	16.35	59.96	68.30	-8.34	Peak	
2 *	10359.1500	32.26	16.36	48.62	54.00	-5.38	AVG	

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

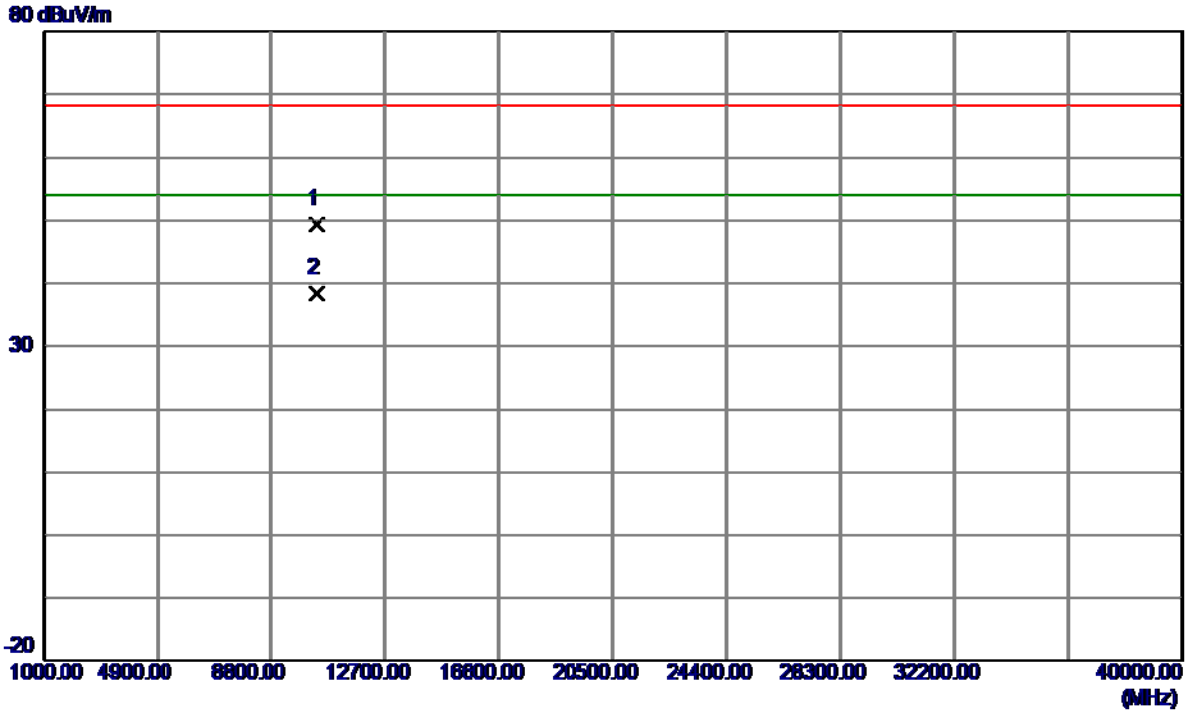
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	14.35	41.35	55.70	68.30	-12.60	Peak	
2	5150.0000	5.19	41.35	46.54	54.00	-7.46	AVG	
3	5180.7000	59.86	41.45	101.31	68.30	33.01	Peak	No Limit
4 *	5181.3000	51.17	41.45	92.62	54.00	38.62	AVG	No Limit

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

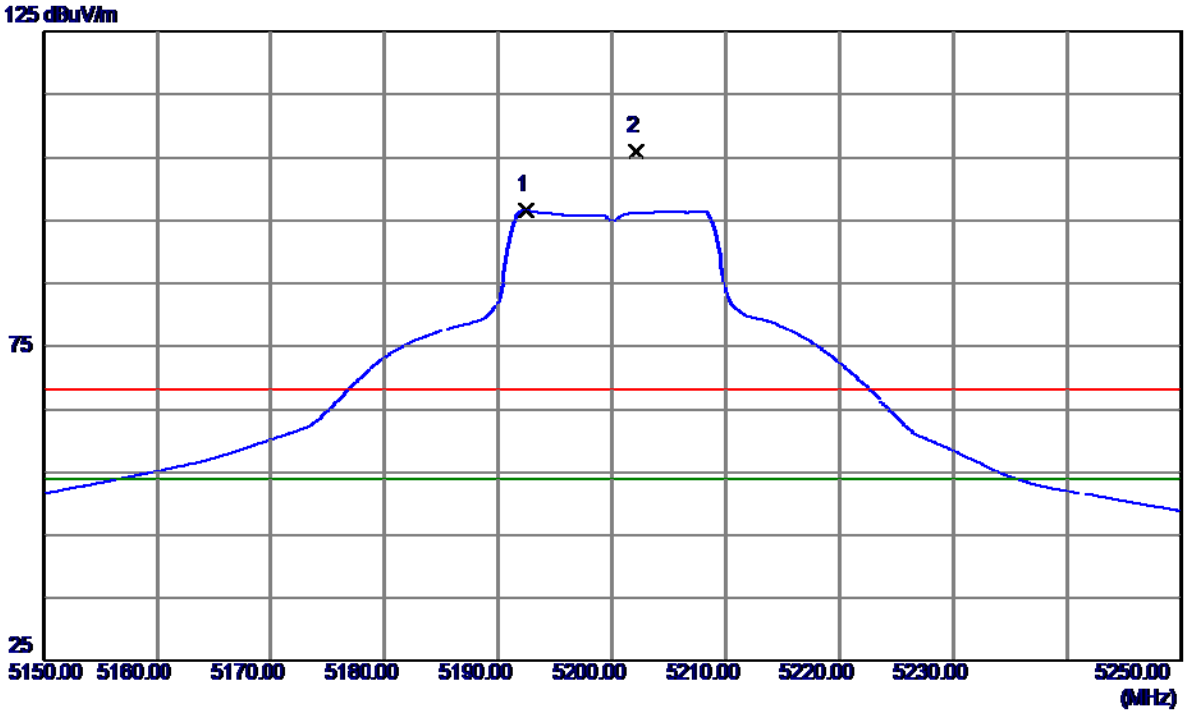
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.7950	33.07	16.36	49.43	68.30	-18.87	Peak	
2 *	10359.9250	21.96	16.36	38.32	54.00	-15.68	AVG	

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

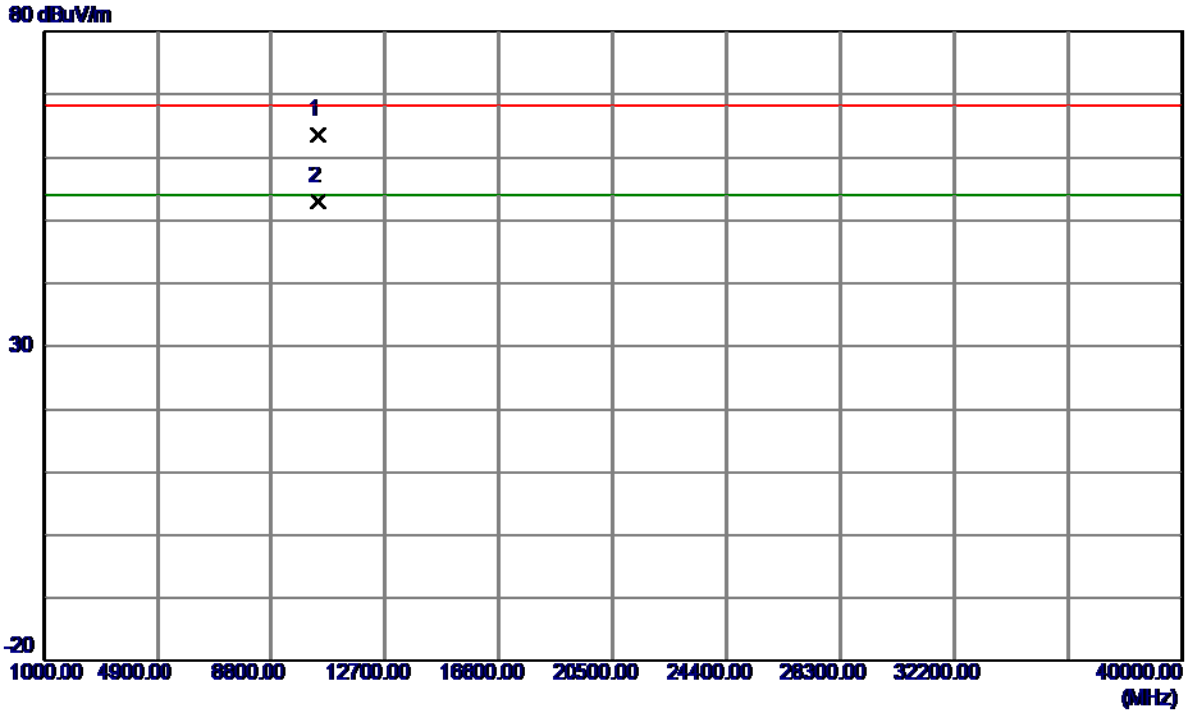
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.4000	55.08	41.49	96.57	54.00	42.57	AVG	No Limit
2	5202.1000	64.56	41.52	106.08	68.30	37.78	Peak	No Limit

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

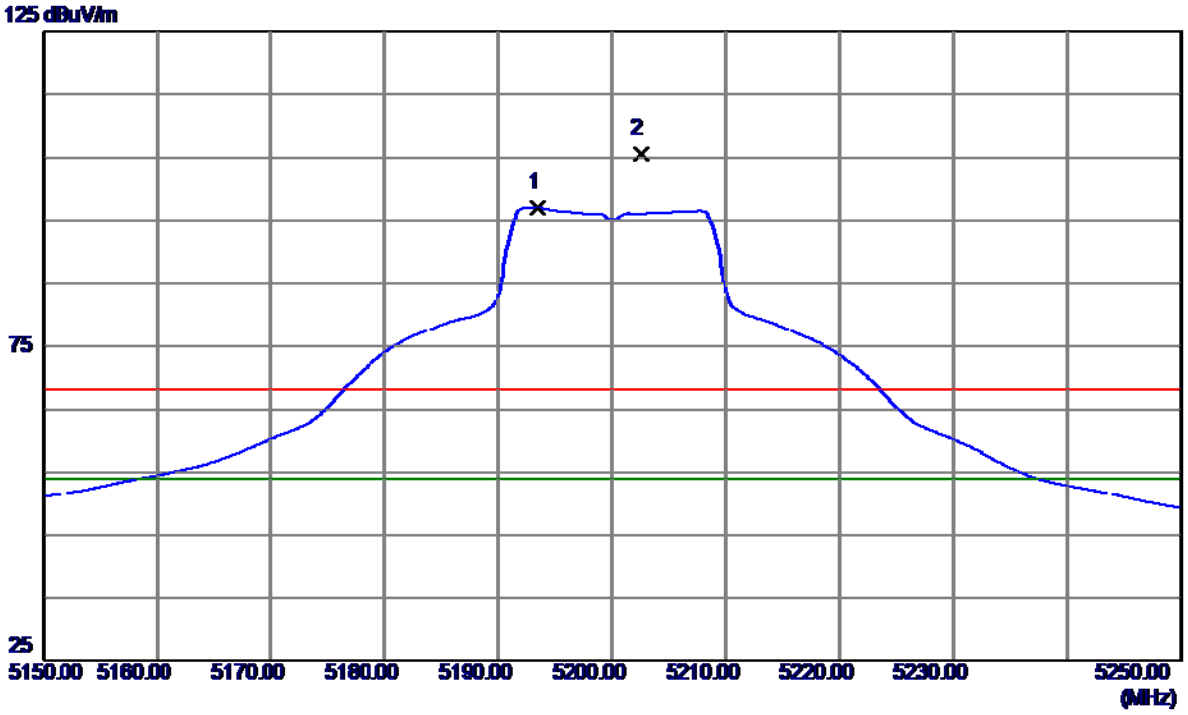
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10392.9000	47.22	16.43	63.65	68.30	-4.65	Peak	
2 *	10401.3000	36.50	16.45	52.95	54.00	-1.05	AVG	

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

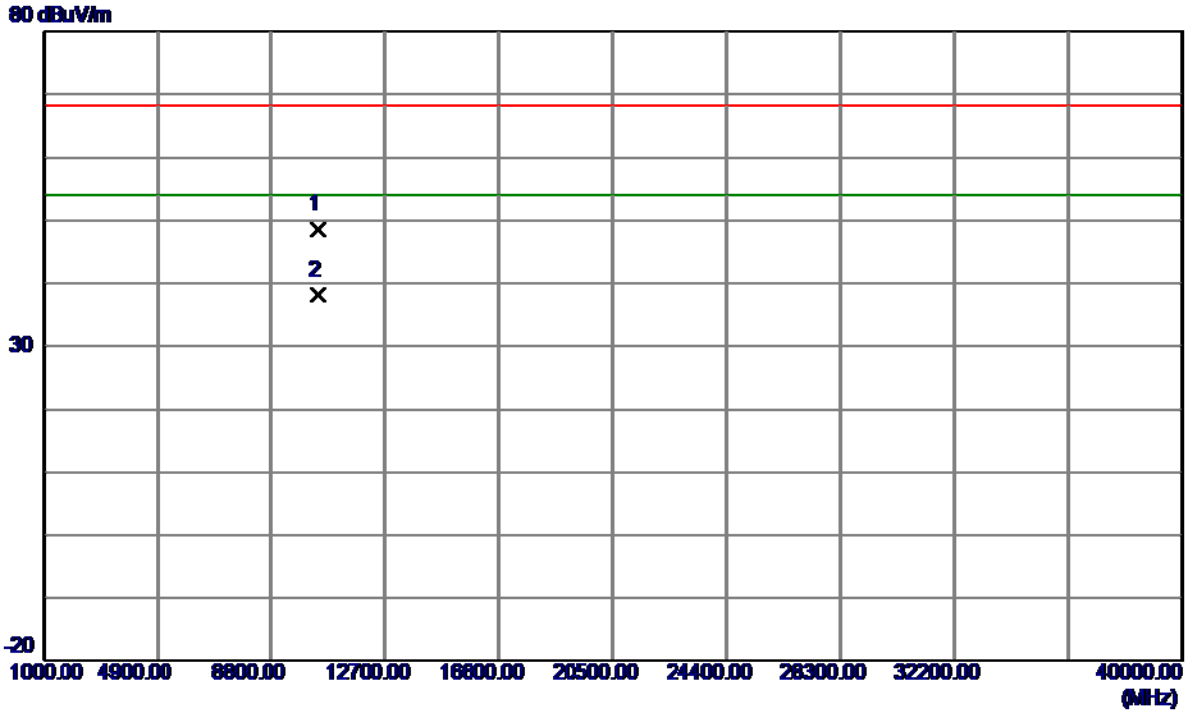
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.4000	55.54	41.49	97.03	54.00	43.03	AVG	No Limit
2	5202.5000	64.05	41.52	105.57	68.30	37.27	Peak	No Limit

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

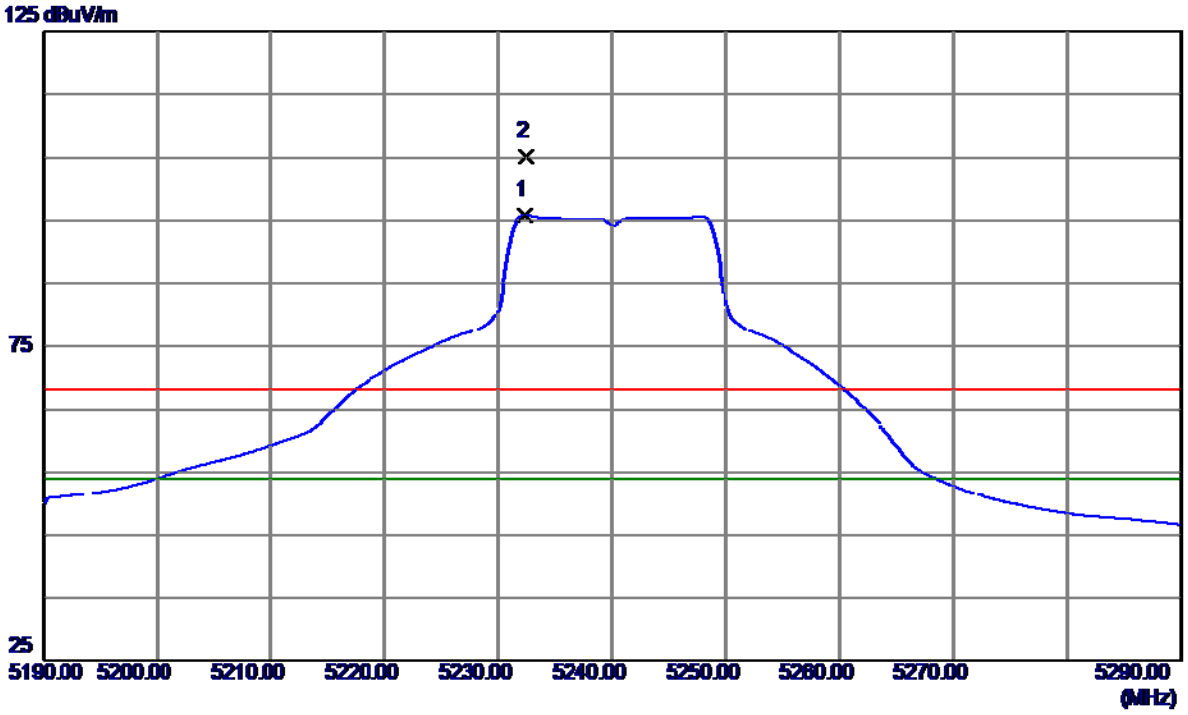
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.8800	32.08	16.45	48.53	68.30	-19.77	Peak	
2 *	10399.9850	21.65	16.45	38.10	54.00	-15.90	AVG	

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

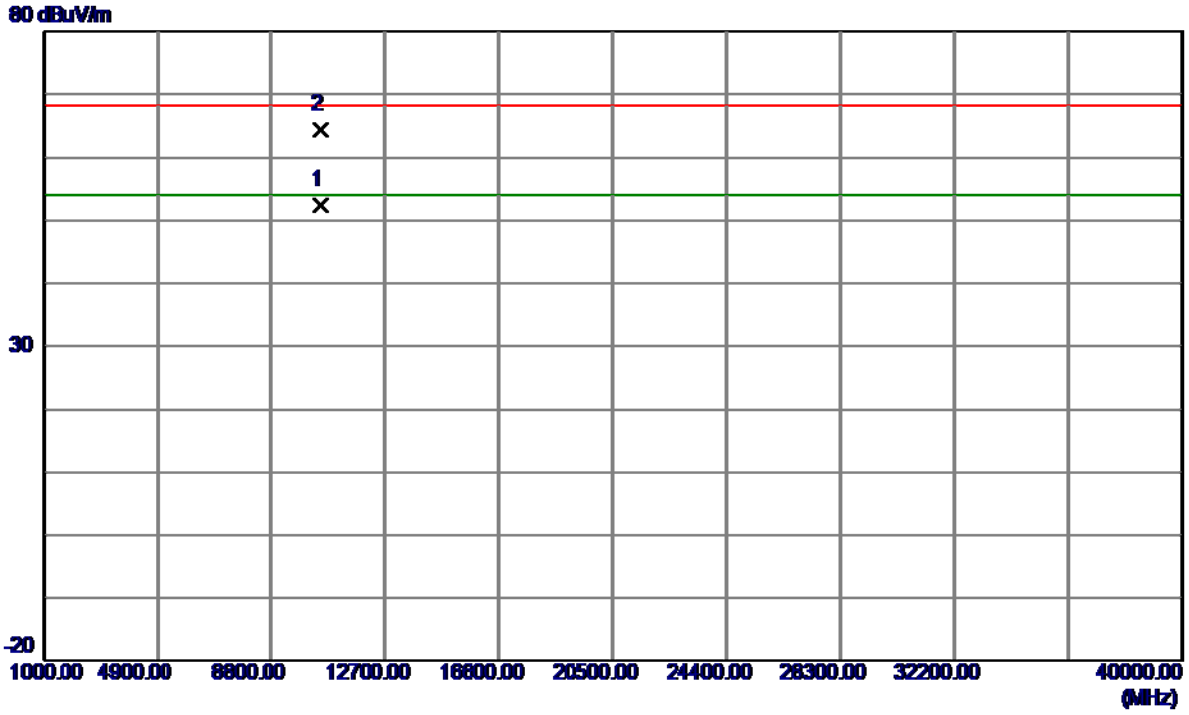
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.3000	54.17	41.63	95.80	54.00	41.80	AVG	No Limit
2	5232.4000	63.63	41.63	105.26	68.30	36.96	Peak	No Limit

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

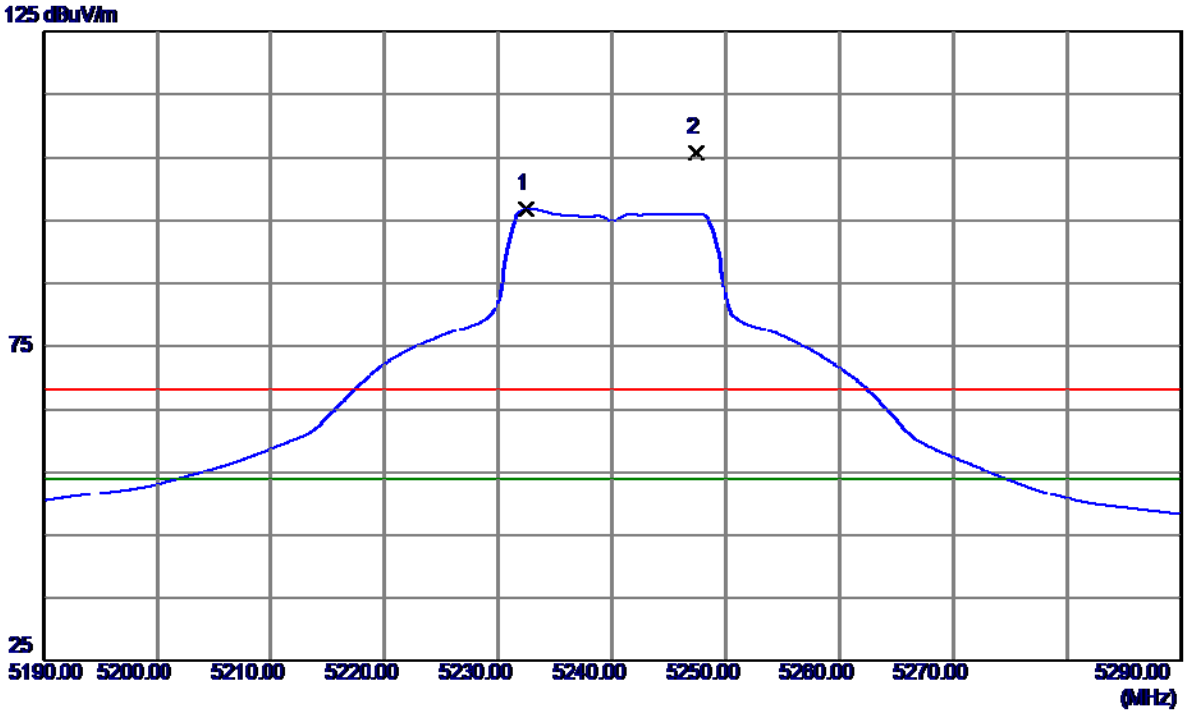
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.0000	35.79	16.62	52.41	54.00	-1.59	AVG	
2	10479.9500	47.85	16.63	64.48	68.30	-3.82	Peak	

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

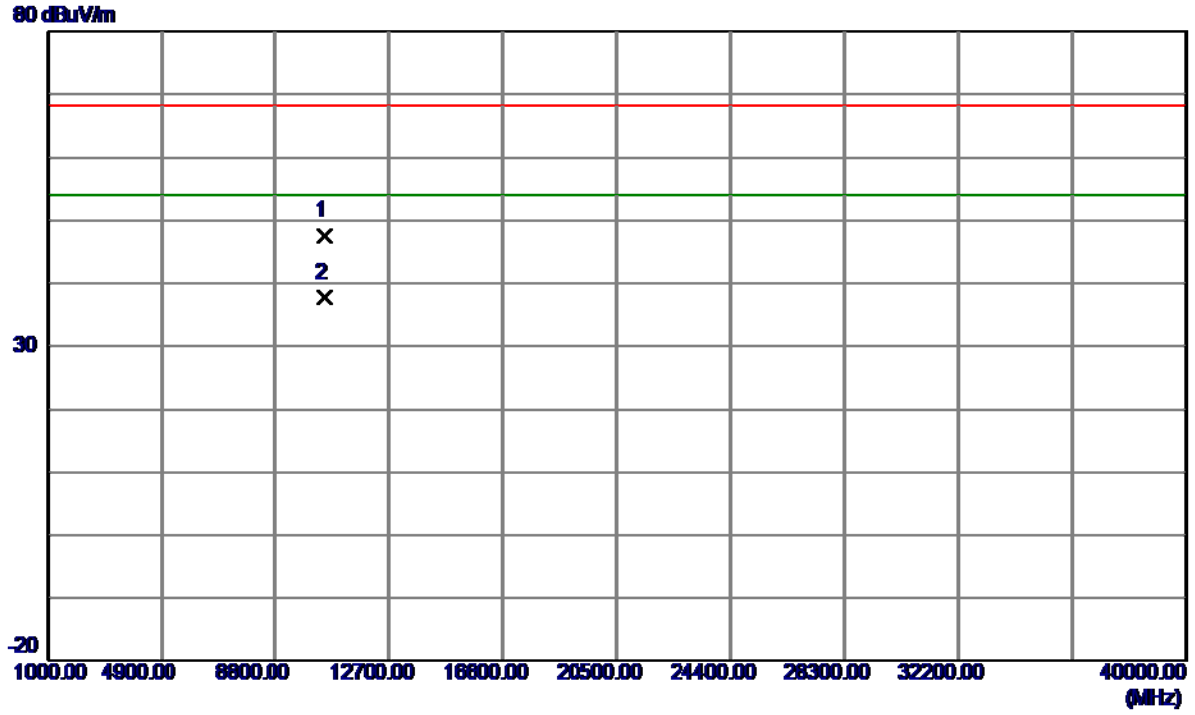
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.4000	55.13	41.63	96.76	54.00	42.76	AVG	No Limit
2	5247.4000	64.14	41.68	105.82	68.30	37.52	Peak	No Limit

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

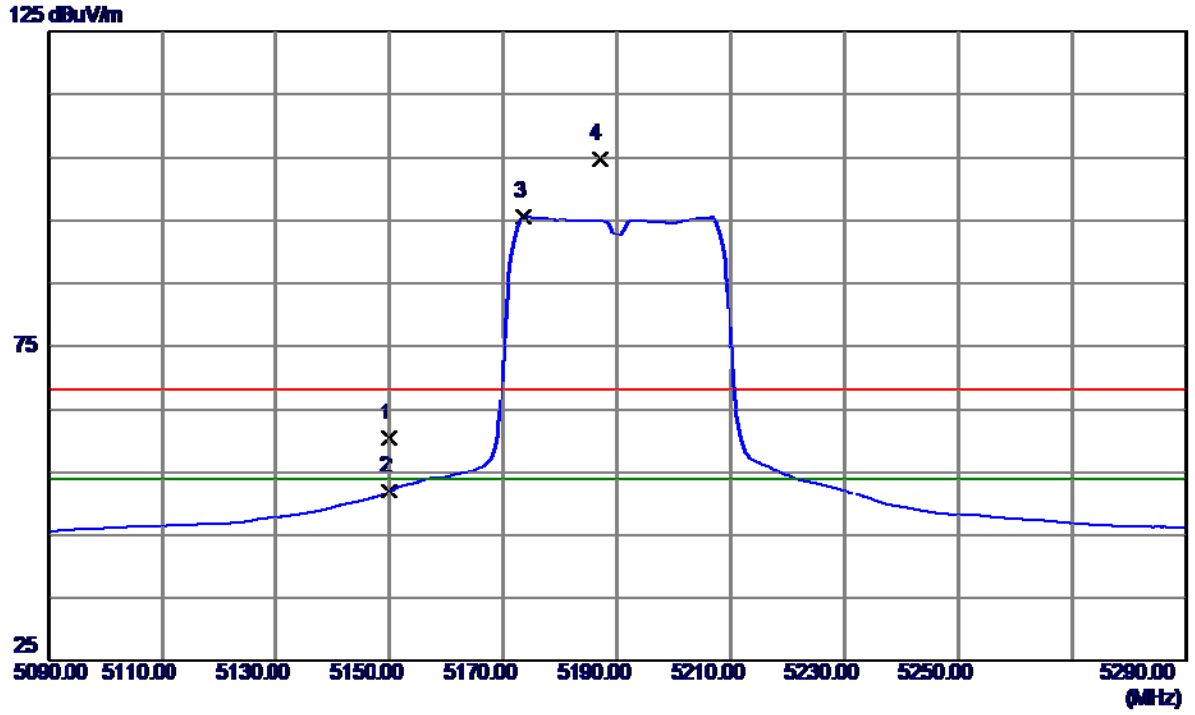
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.9050	31.00	16.63	47.63	68.30	-20.67	Peak	
2 *	10480.1050	21.07	16.63	37.70	54.00	-16.30	AVG	

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

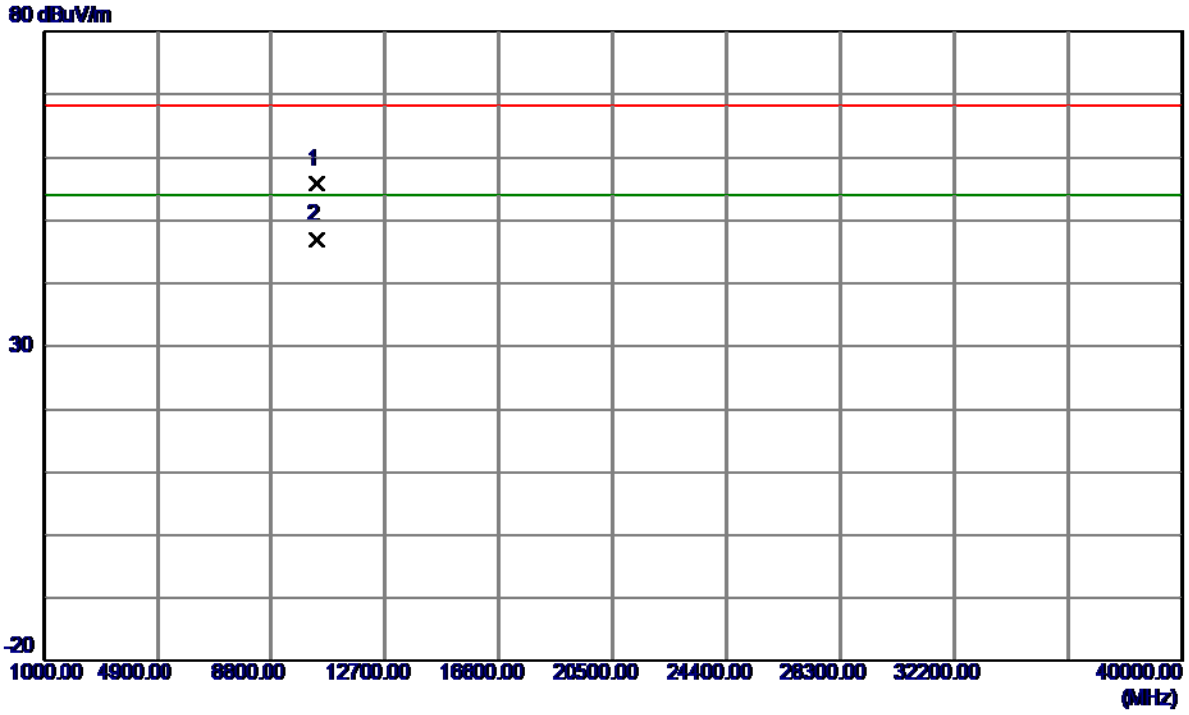
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.08	41.35	60.43	68.30	-7.87	Peak	
2	5150.0000	10.60	41.35	51.95	54.00	-2.05	AVG	
3 *	5173.6000	54.17	41.43	95.60	54.00	41.60	AVG	No Limit
4	5187.0000	63.32	41.47	104.79	68.30	36.49	Peak	No Limit

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

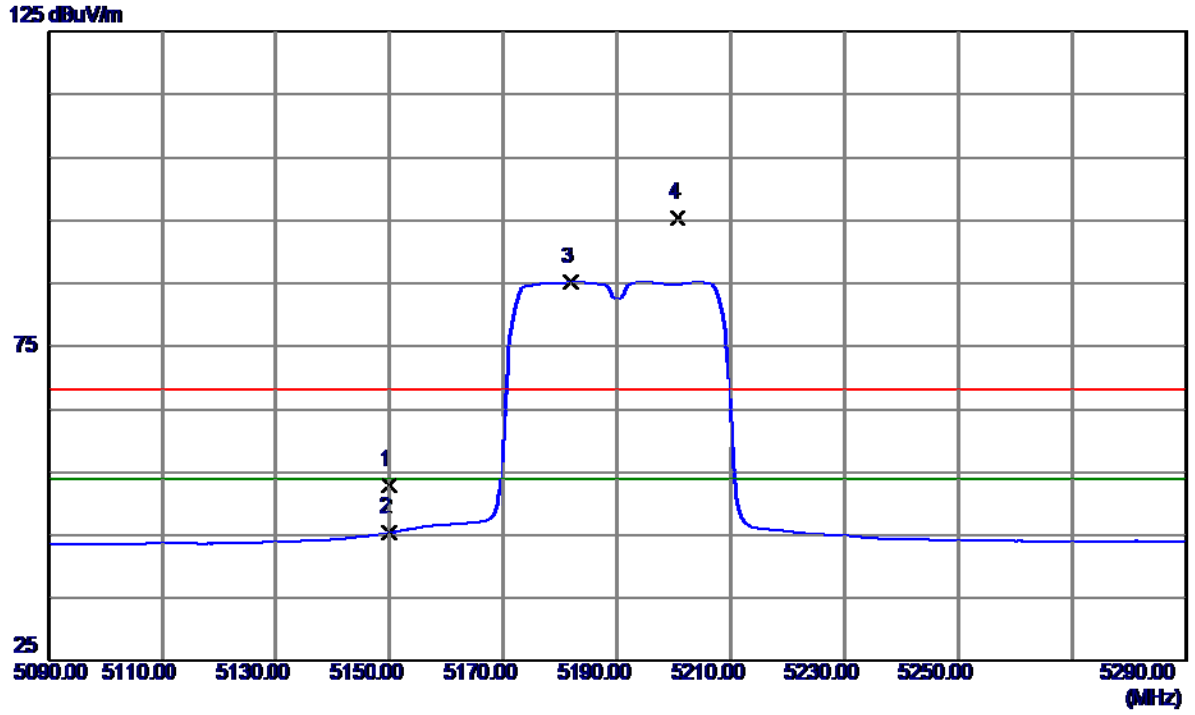
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10370.2000	39.42	16.38	55.80	68.30	-12.50	Peak	
2 *	10379.2000	30.65	16.40	47.05	54.00	-6.95	AVG	

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

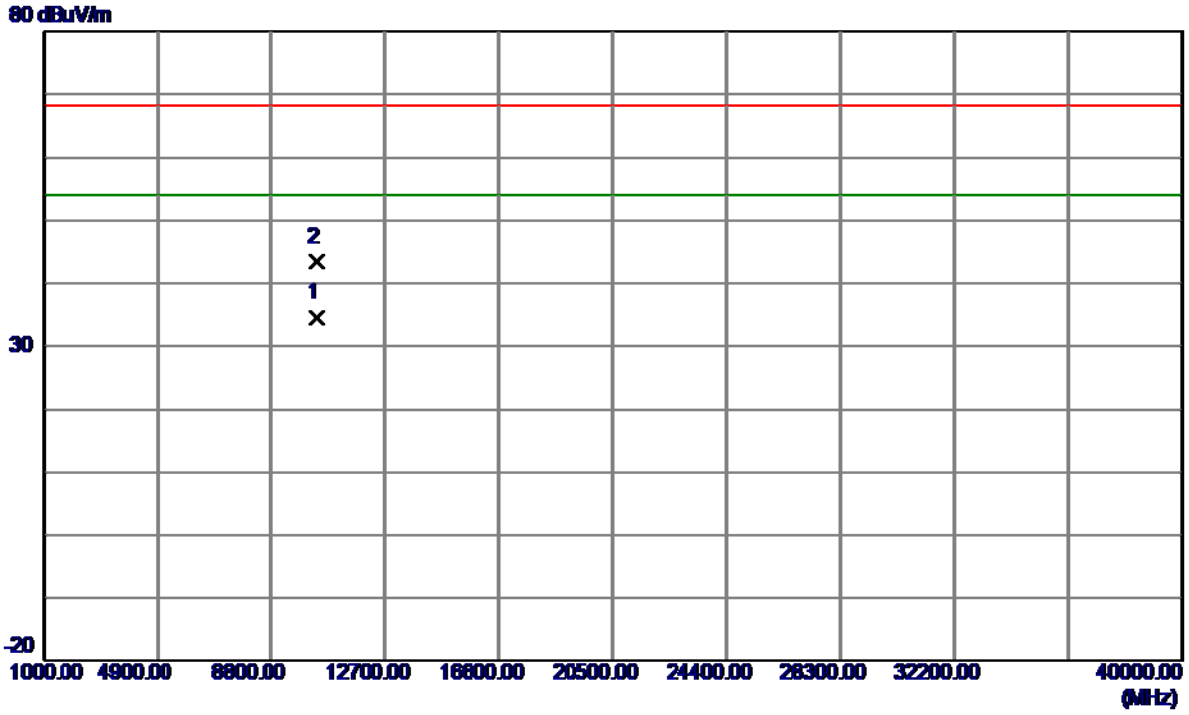
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.61	41.35	52.96	68.30	-15.34	Peak	
2	5150.0000	3.99	41.35	45.34	54.00	-8.66	AVG	
3 *	5181.8000	43.73	41.45	85.18	54.00	31.18	AVG	No Limit
4	5200.6000	53.90	41.52	95.42	68.30	27.12	Peak	No Limit

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

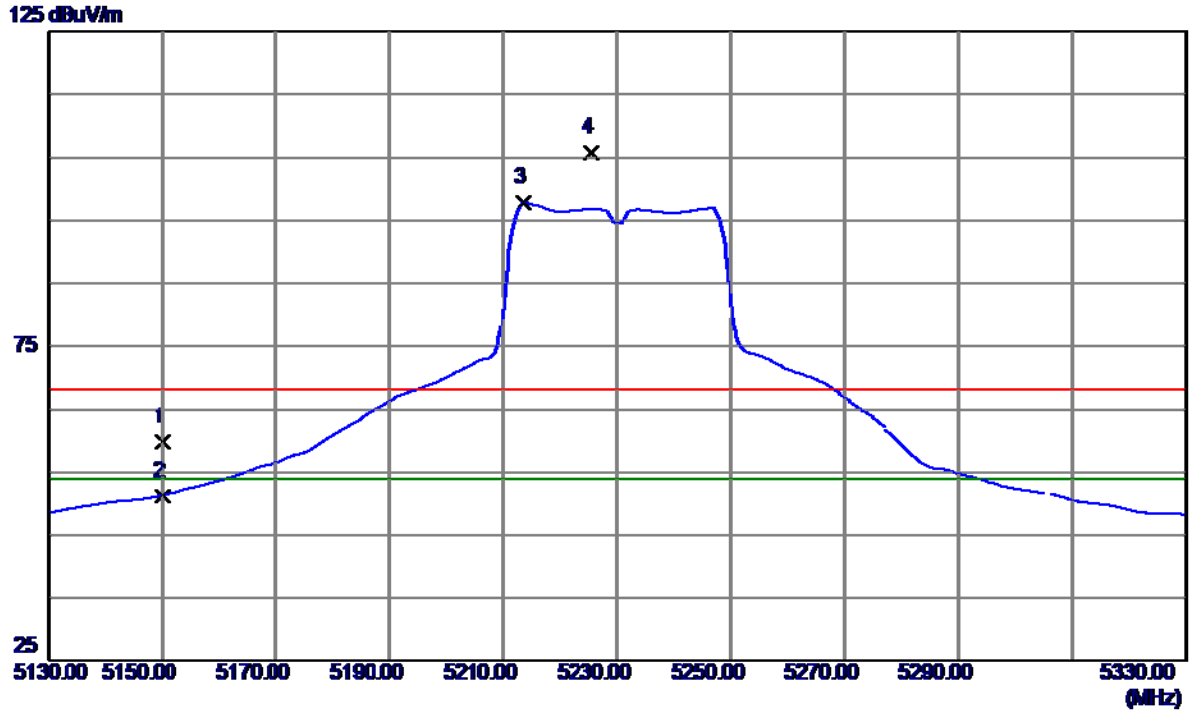
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.1950	18.21	16.40	34.61	54.00	-19.39	AVG	
2	10380.2500	27.08	16.40	43.48	68.30	-24.82	Peak	

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

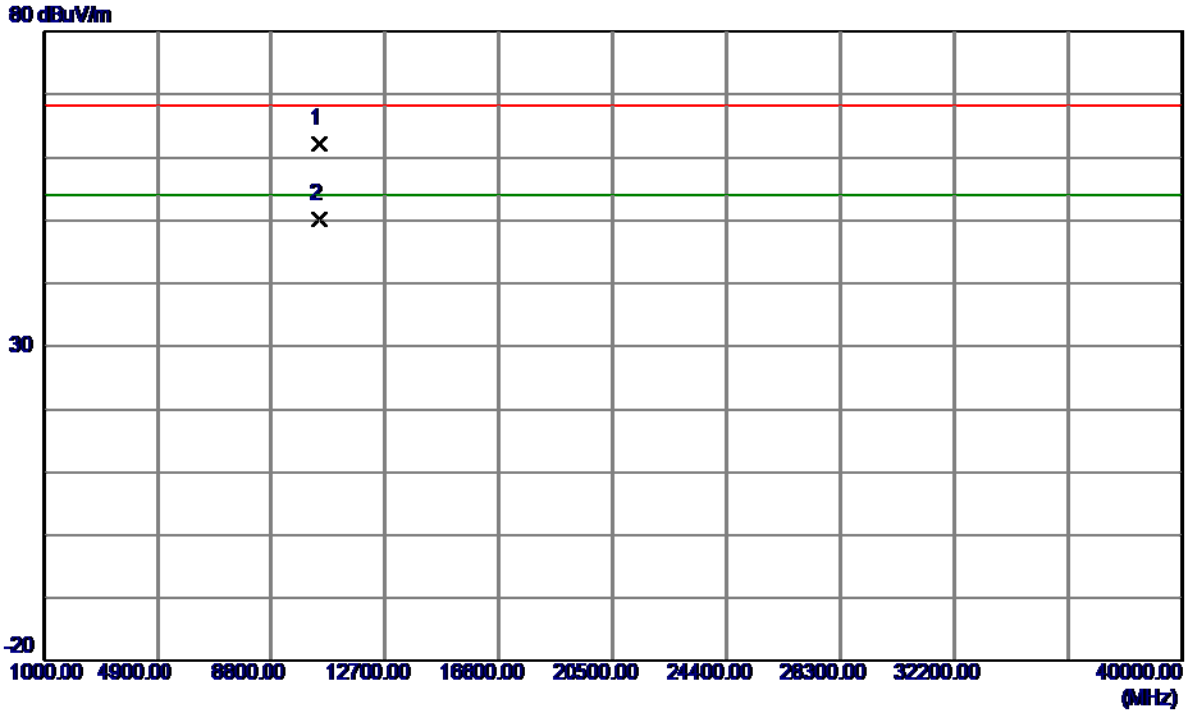
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.53	41.35	59.88	68.30	-8.42	Peak	
2	5150.0000	9.93	41.35	51.28	54.00	-2.72	AVG	
3 *	5213.6000	56.30	41.56	97.86	54.00	43.86	AVG	No Limit
4	5225.6000	64.23	41.60	105.83	68.30	37.53	Peak	No Limit

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

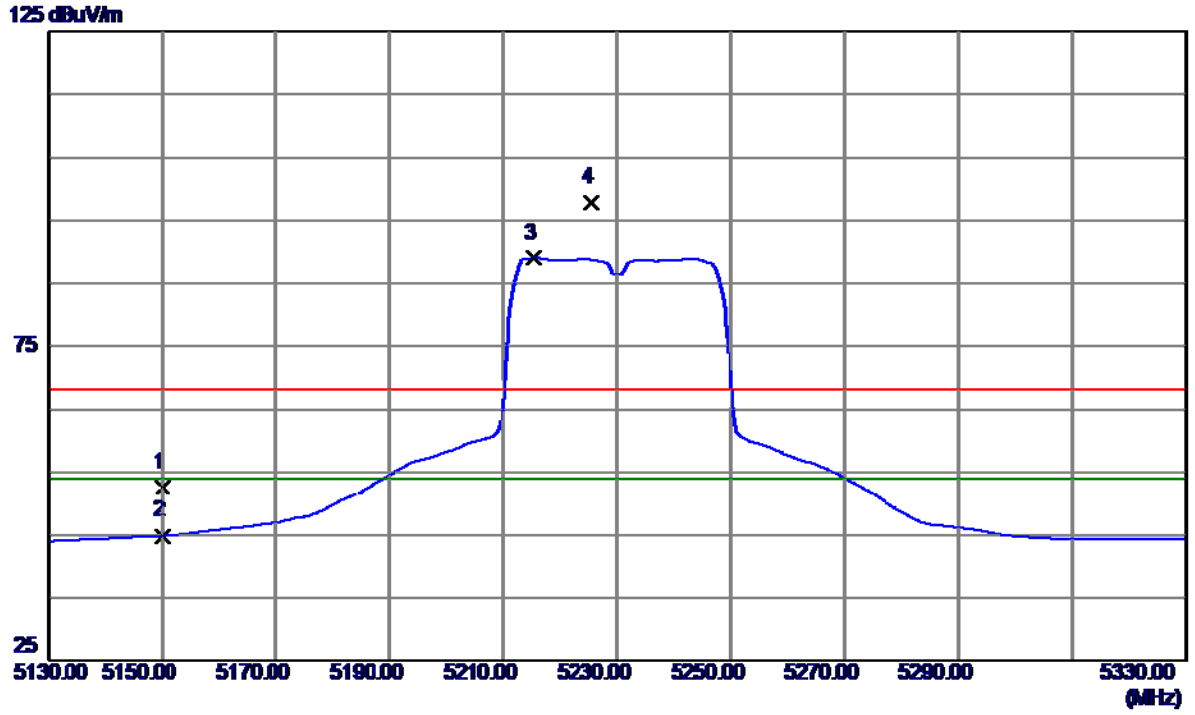
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10451.3000	45.63	16.56	62.19	68.30	-6.11	Peak	
2 *	10461.3000	33.53	16.58	50.11	54.00	-3.89	AVG	

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

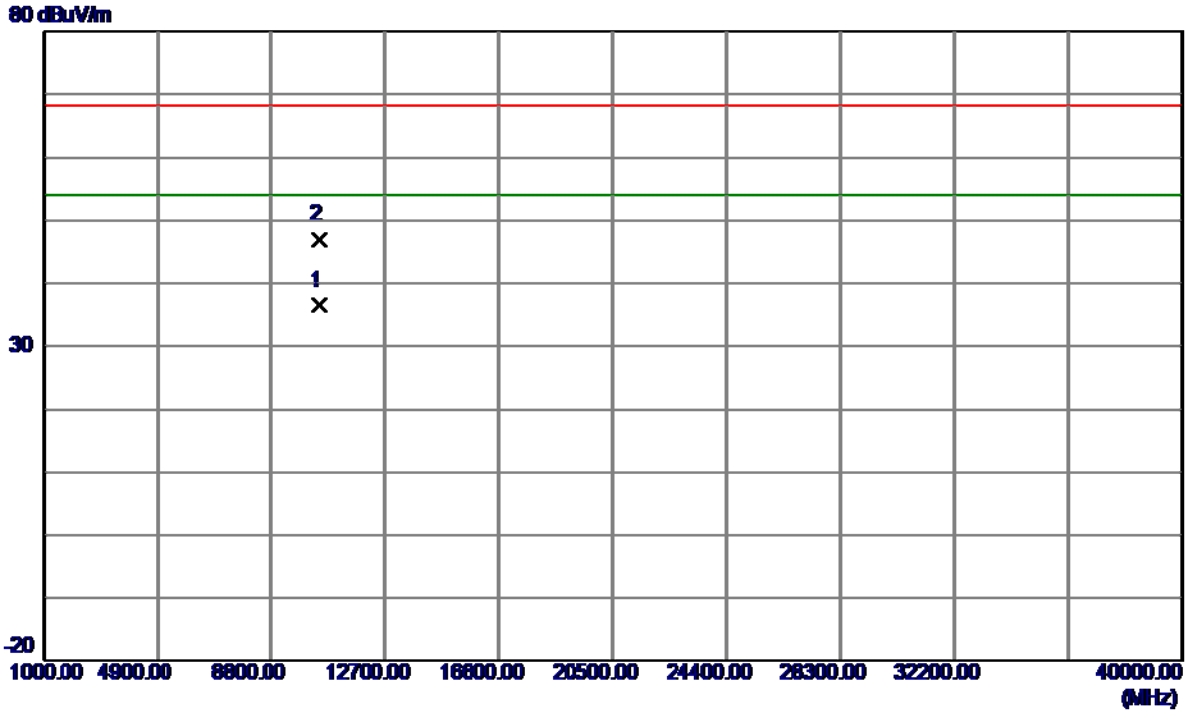
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.22	41.35	52.57	68.30	-15.73	Peak	
2	5150.0000	3.55	41.35	44.90	54.00	-9.10	AVG	
3 *	5215.4000	47.40	41.57	88.97	54.00	34.97	AVG	No Limit
4	5225.6000	56.28	41.60	97.88	68.30	29.58	Peak	No Limit

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

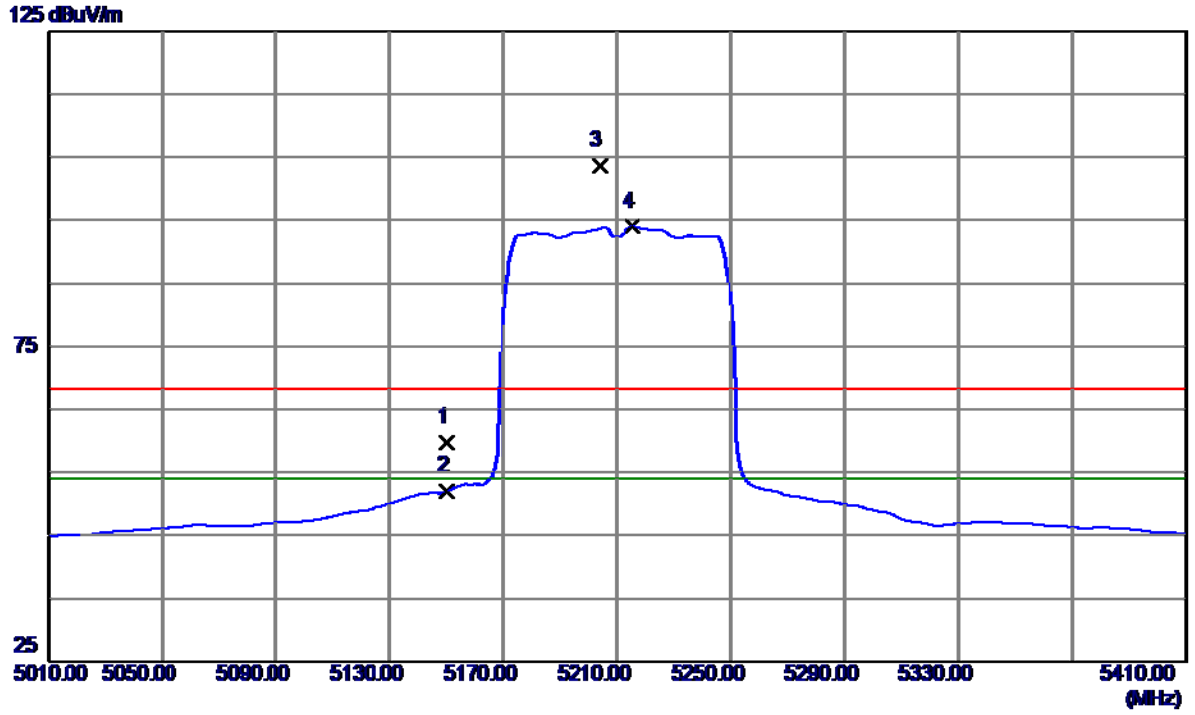
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.0250	19.92	16.58	36.50	54.00	-17.50	AVG	
2	10460.1050	30.49	16.58	47.07	68.30	-21.23	Peak	

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

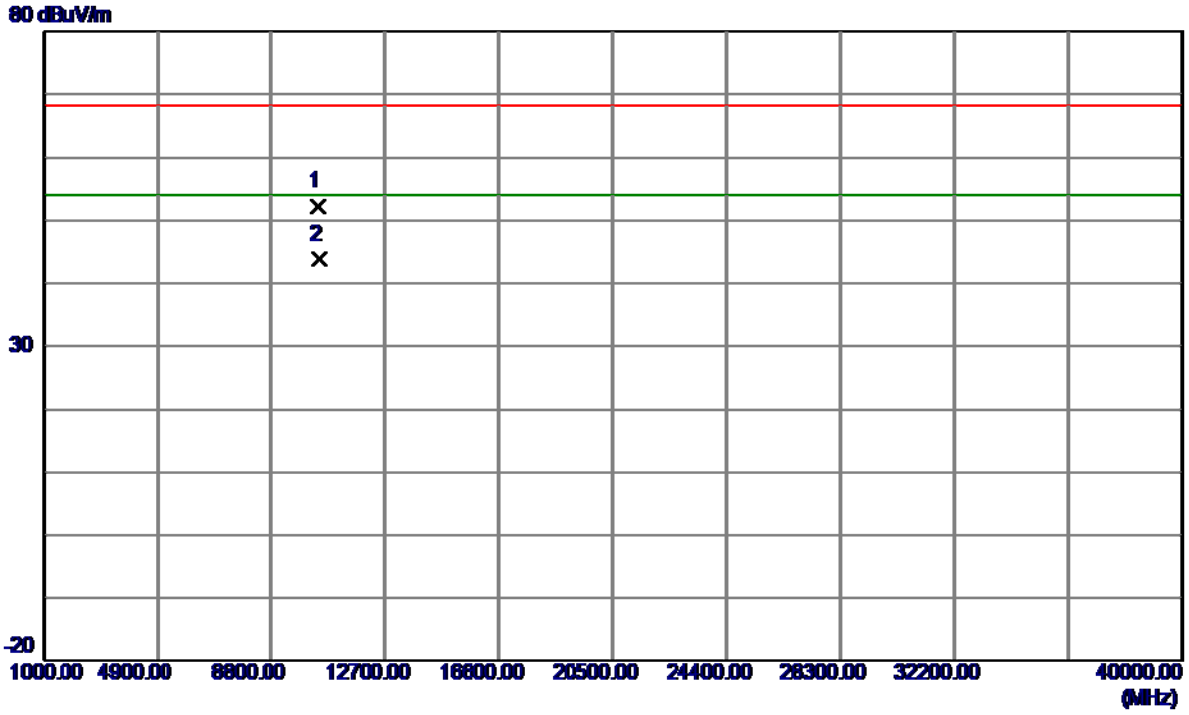
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.45	41.35	59.80	68.30	-8.50	Peak	
2	5150.0000	10.62	41.35	51.97	54.00	-2.03	AVG	
3	5204.0000	62.12	41.53	103.65	68.30	35.35	Peak	No Limit
4 *	5215.2000	52.37	41.57	93.94	54.00	39.94	AVG	No Limit

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

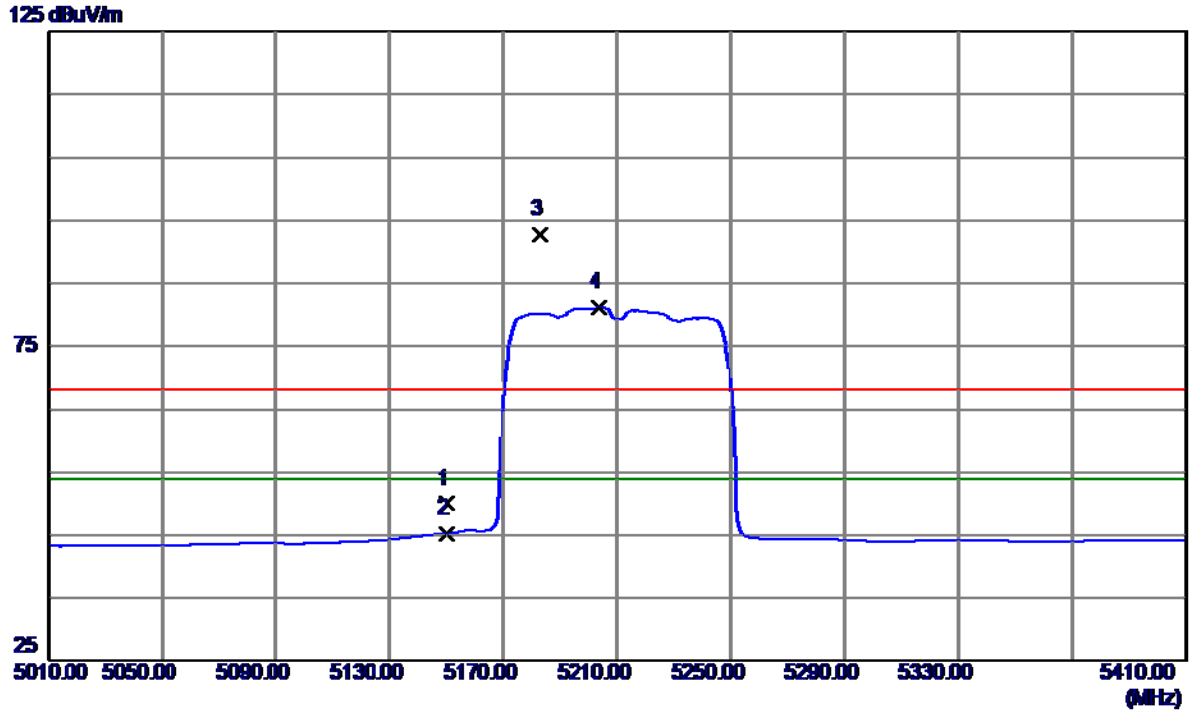
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10421.6000	35.79	16.50	52.29	68.30	-16.01	Peak	
2 *	10428.8000	27.37	16.51	43.88	54.00	-10.12	AVG	

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

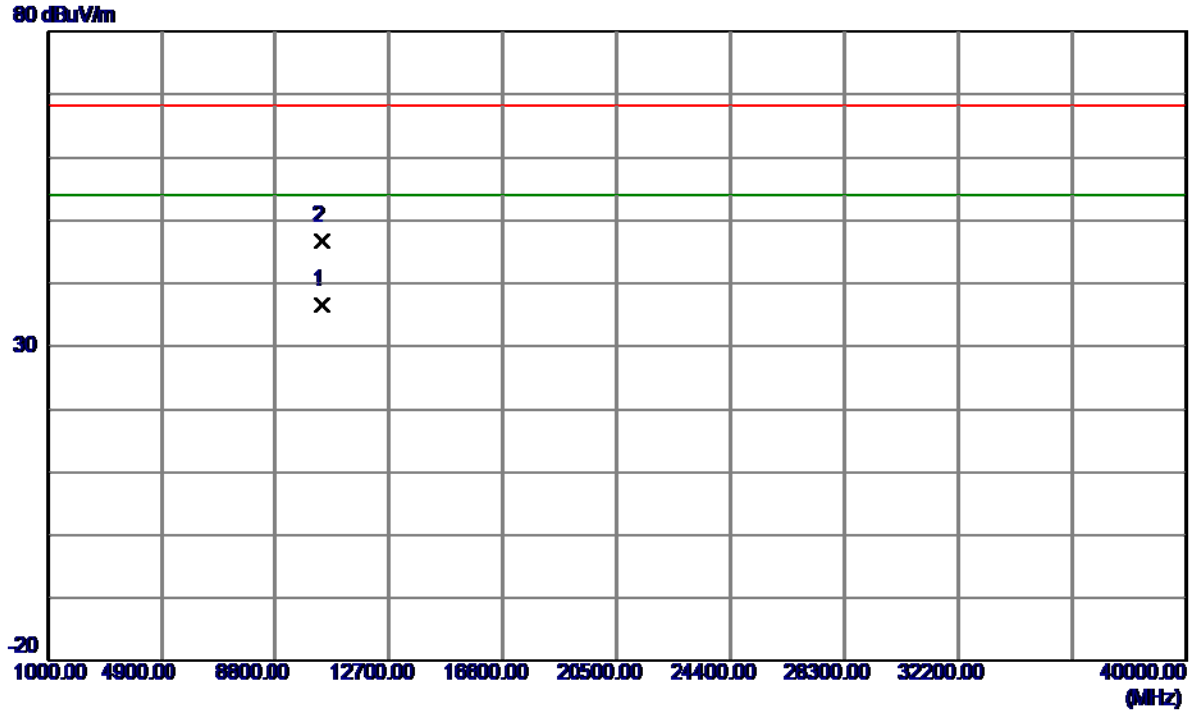
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.73	41.35	50.08	68.30	-18.22	Peak	
2	5150.0000	3.85	41.35	45.20	54.00	-8.80	AVG	
3	5182.8000	51.33	41.46	92.79	68.30	24.49	Peak	No Limit
4 *	5203.6000	39.67	41.53	81.20	54.00	27.20	AVG	No Limit

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

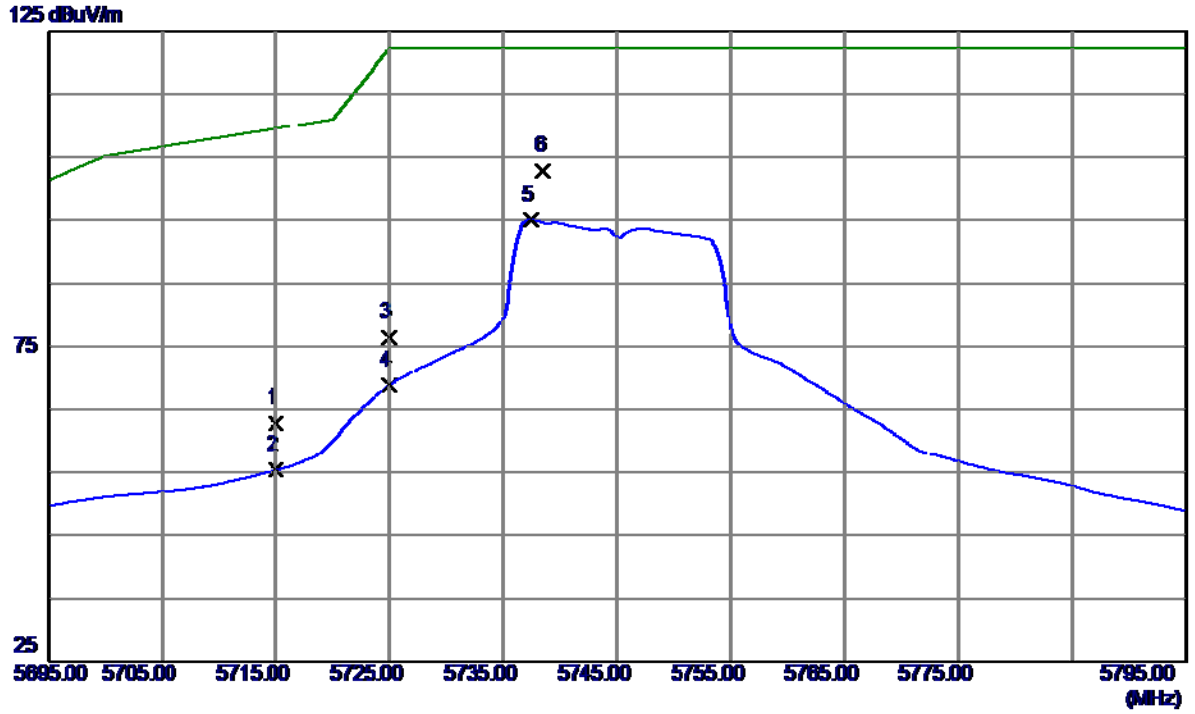
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.0550	20.17	16.49	36.66	54.00	-17.34	AVG	
2	10420.1950	30.37	16.49	46.86	68.30	-21.44	Peak	

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

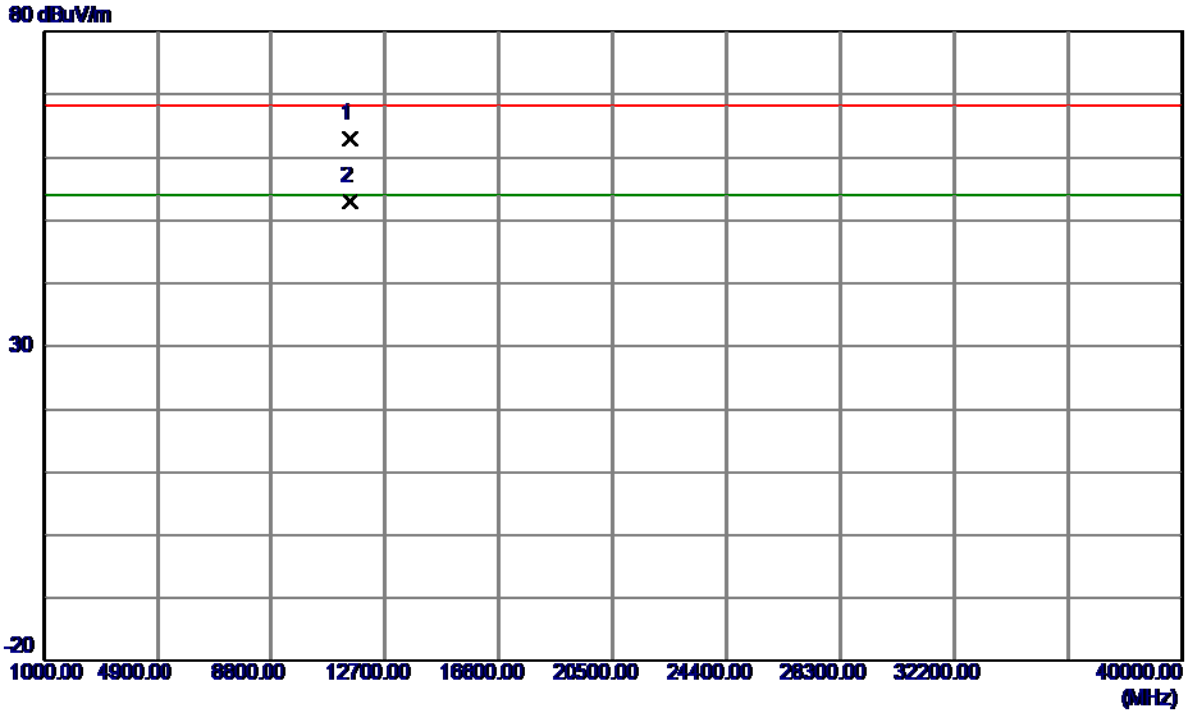
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.00	42.72	62.72	109.50	-46.78	Peak	
2	5715.0000	12.62	42.72	55.34	109.50	-54.16	AVG	
3	5725.0000	33.69	42.73	76.42	122.30	-45.88	Peak	
4	5725.0000	26.09	42.73	68.82	122.30	-53.48	AVG	
5	5737.4000	52.25	42.74	94.99	122.30	-27.31	AVG	
6 *	5738.5000	60.11	42.74	102.85	122.30	-19.45	Peak	

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

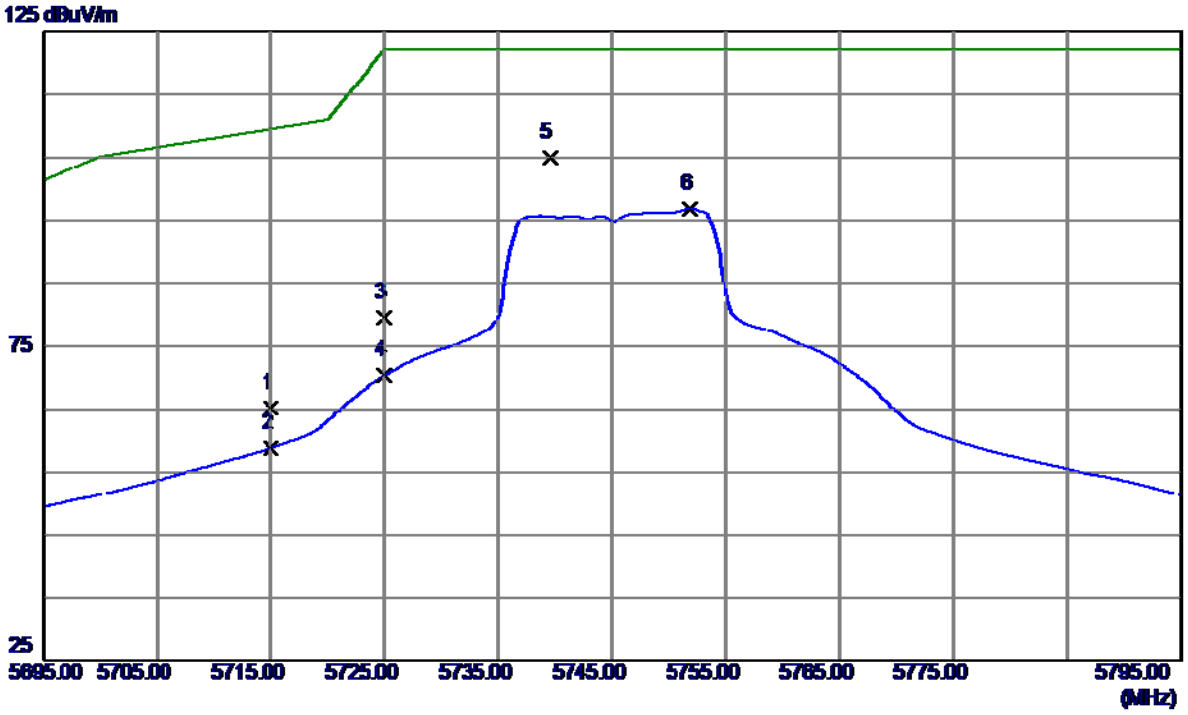
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.3000	45.04	17.89	62.93	68.30	-5.37	Peak	
2 *	11491.7000	35.02	17.89	52.91	54.00	-1.09	AVG	

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

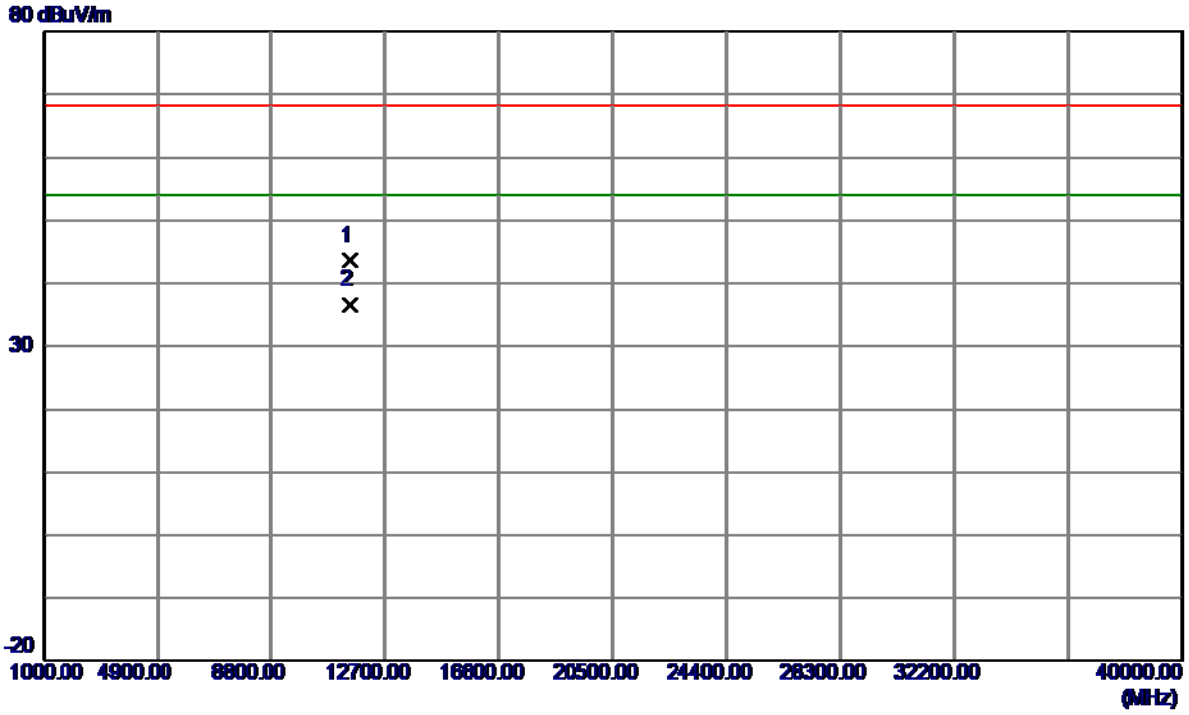
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.57	42.72	65.29	109.50	-44.21	Peak	
2	5715.0000	16.16	42.72	58.88	109.50	-50.62	AVG	
3	5725.0000	36.79	42.73	79.52	122.30	-42.78	Peak	
4	5725.0000	27.61	42.73	70.34	122.30	-51.96	AVG	
5 *	5739.5000	62.17	42.74	104.91	122.30	-17.39	Peak	
6	5751.9000	54.03	42.75	96.78	122.30	-25.52	AVG	

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

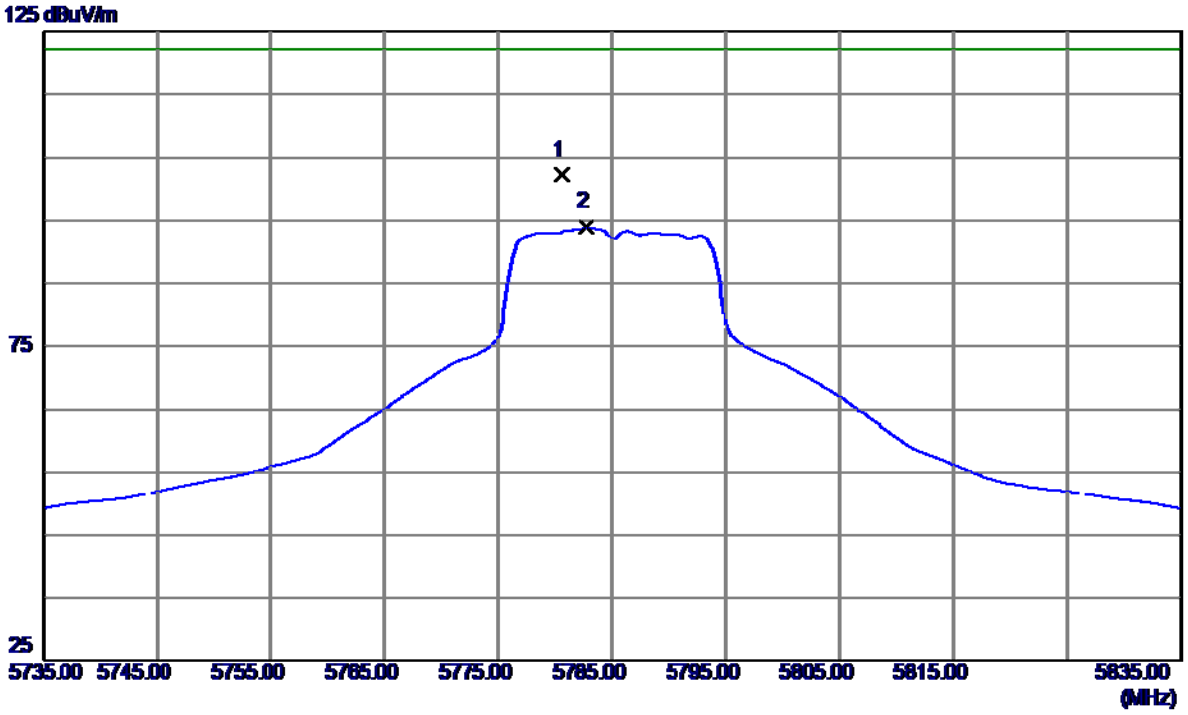
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.6500	25.76	17.89	43.65	68.30	-24.65	Peak	
2 *	11490.1000	18.72	17.89	36.61	54.00	-17.39	AVG	

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

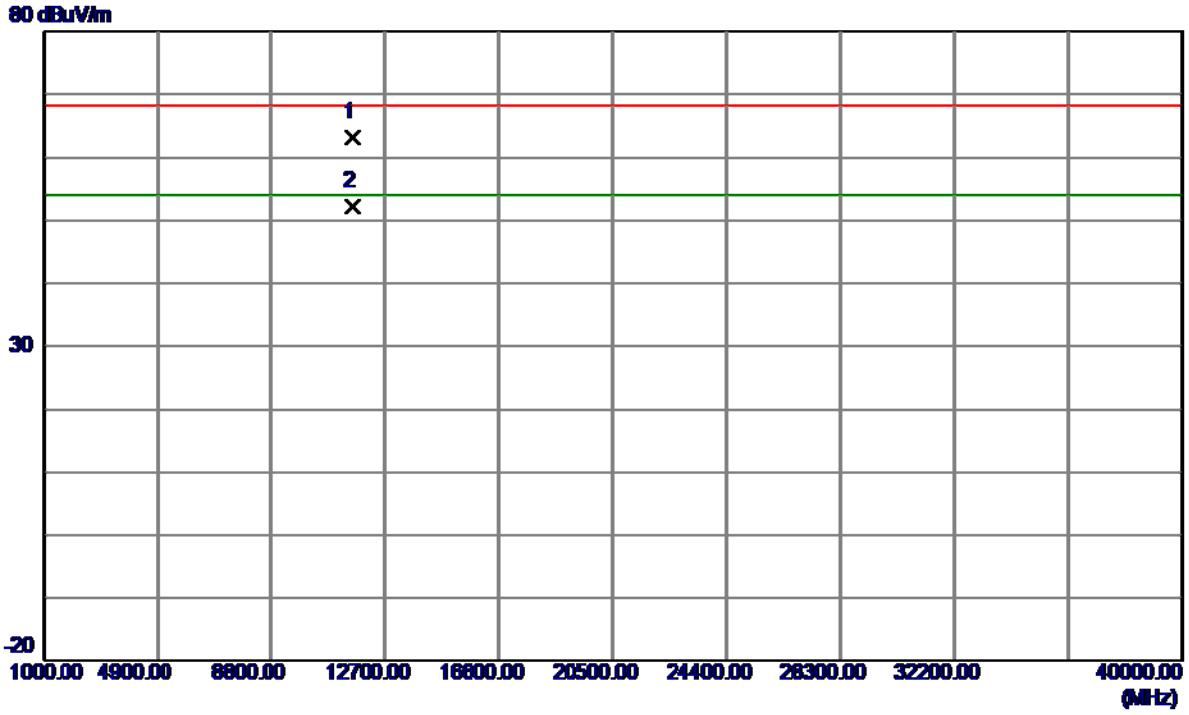
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780.6000	59.41	42.78	102.19	122.30	-20.11	Peak	
2	5782.8000	51.12	42.78	93.90	122.30	-28.40	AVG	

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

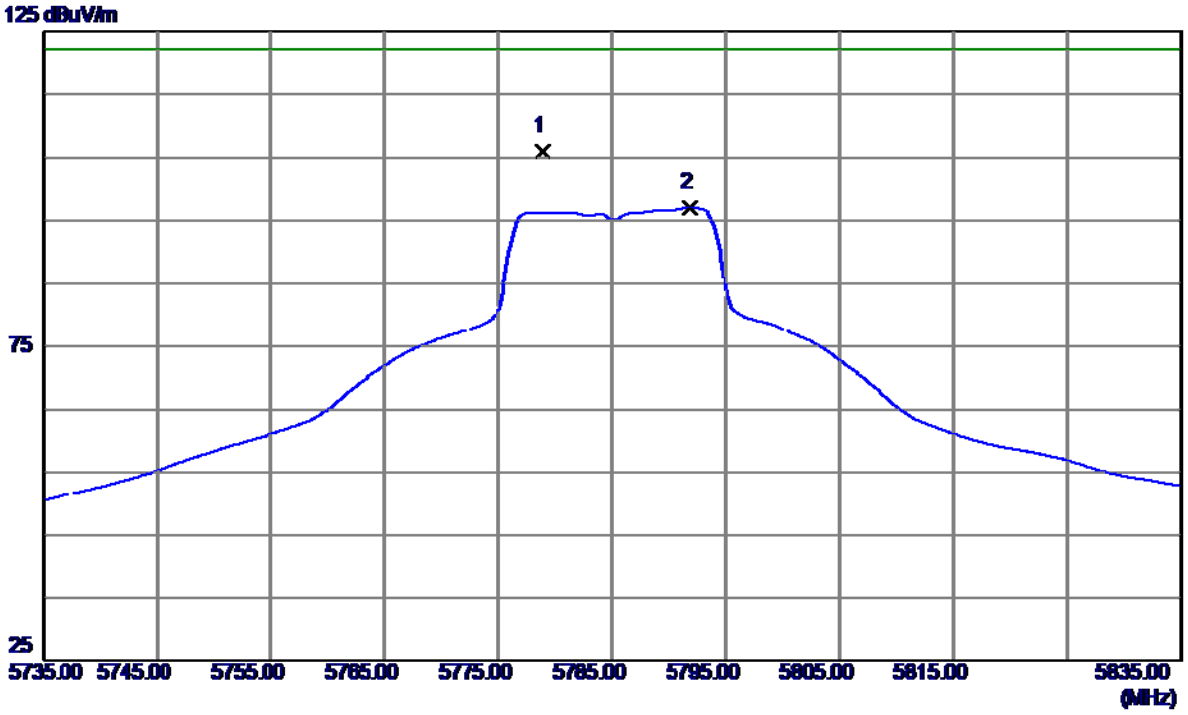
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.0000	45.37	17.85	63.22	68.30	-5.08	Peak	
2 *	11569.3000	34.28	17.85	52.13	54.00	-1.87	AVG	

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

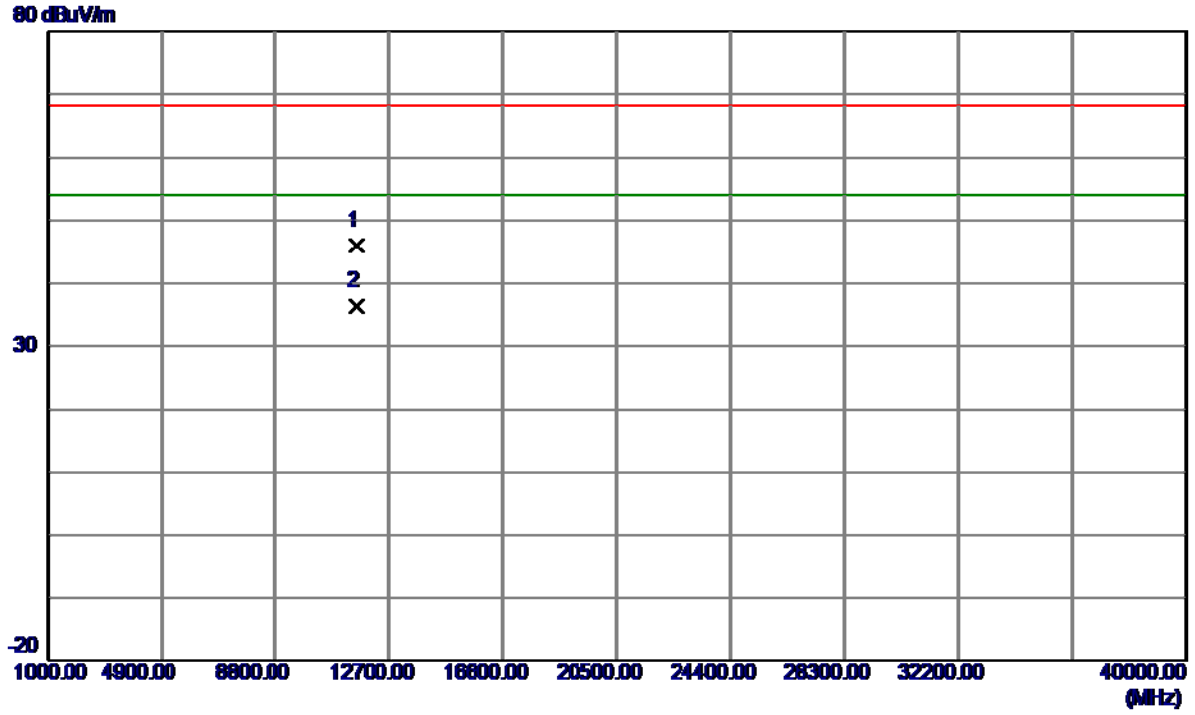
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5778.9000	63.18	42.78	105.96	122.30	-16.34	Peak	
2	5791.9000	54.28	42.79	97.07	122.30	-25.23	AVG	

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

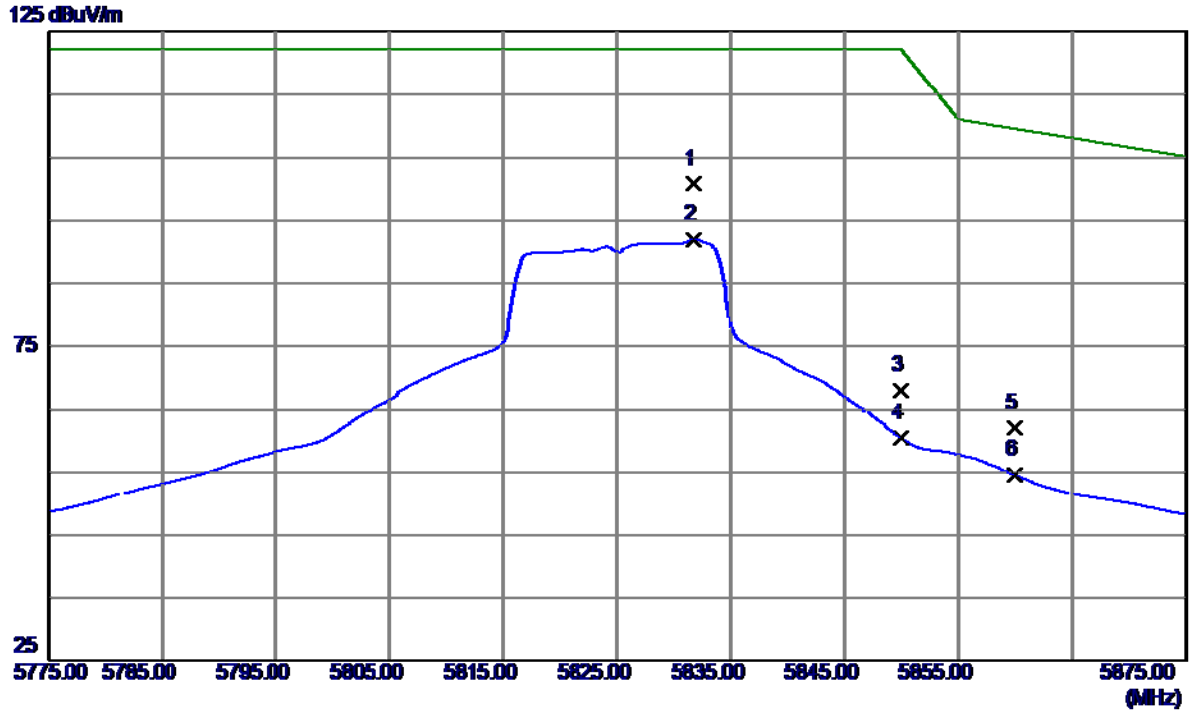
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11566.7000	28.07	17.85	45.92	68.30	-22.38	Peak	
2 *	11570.1000	18.48	17.85	36.33	54.00	-17.67	AVG	

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

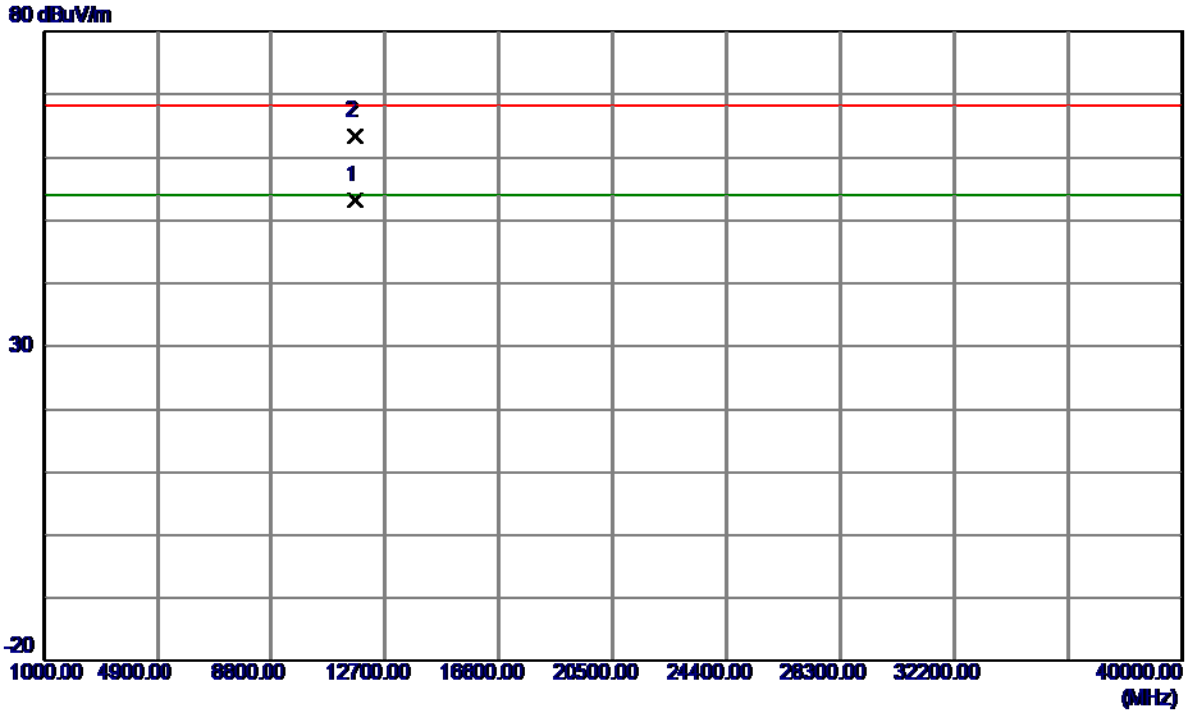
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5831.8000	58.04	42.82	100.86	122.30	-21.44	Peak	
2	5831.8000	49.20	42.82	92.02	122.30	-30.28	AVG	
3	5850.0000	25.10	42.84	67.94	122.30	-54.36	Peak	
4	5850.0000	17.48	42.84	60.32	122.30	-61.98	AVG	
5	5860.0000	19.12	42.85	61.97	109.50	-47.53	Peak	
6	5860.0000	11.69	42.85	54.54	109.50	-54.96	AVG	

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

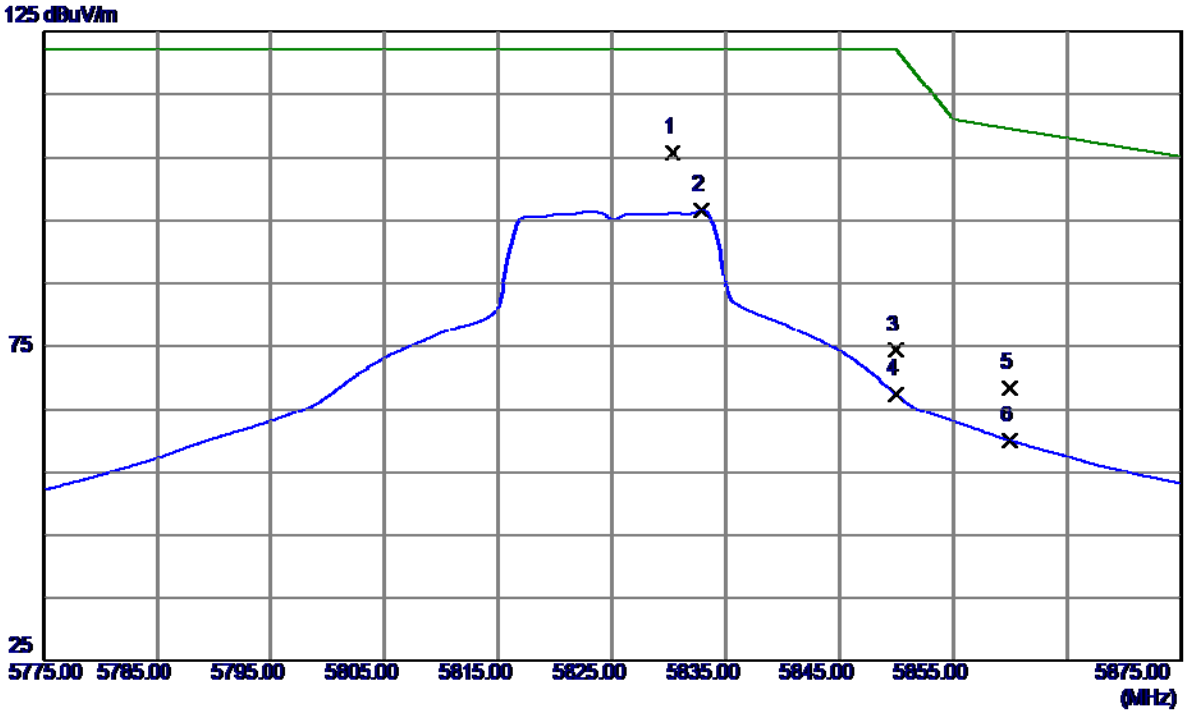
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.4000	35.44	17.79	53.23	54.00	-0.77	AVG	
2	11649.8000	45.62	17.79	63.41	68.30	-4.89	Peak	

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

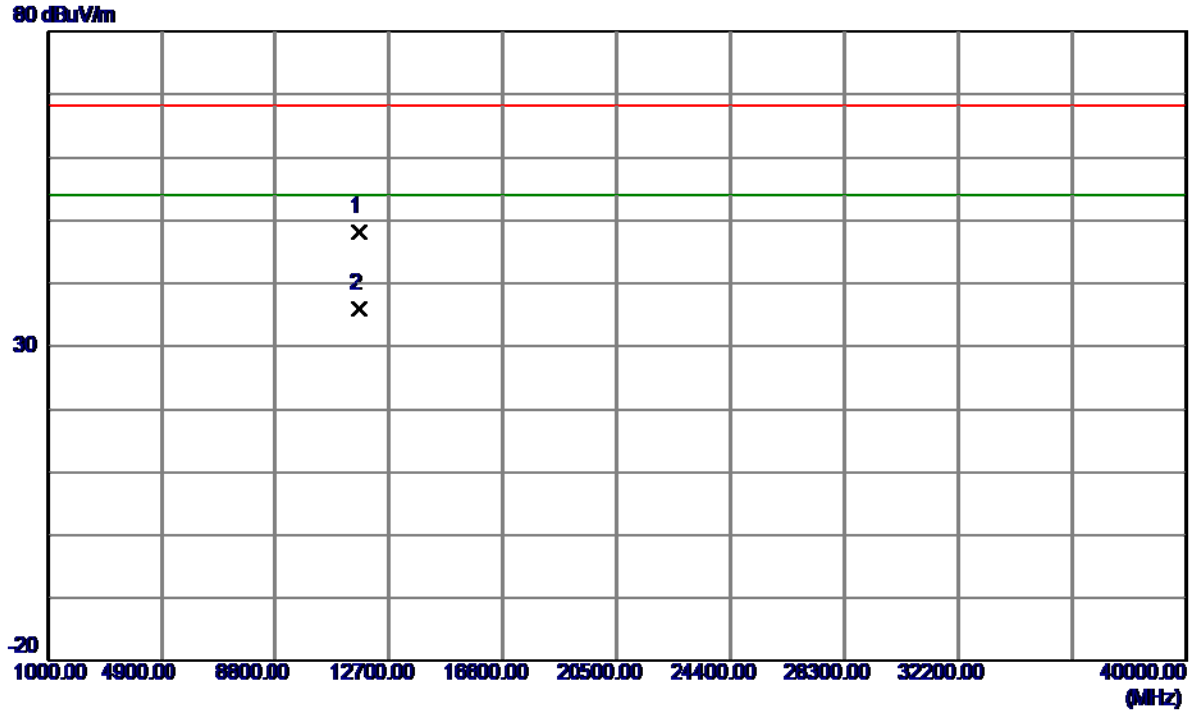
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5830.3000	63.01	42.82	105.83	122.30	-16.47	Peak	
2	5832.9000	53.75	42.82	96.57	122.30	-25.73	AVG	
3	5850.0000	31.56	42.84	74.40	122.30	-47.90	Peak	
4	5850.0000	24.56	42.84	67.40	122.30	-54.90	AVG	
5	5860.0000	25.51	42.85	68.36	109.50	-41.14	Peak	
6	5860.0000	17.10	42.85	59.95	109.50	-49.55	AVG	

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

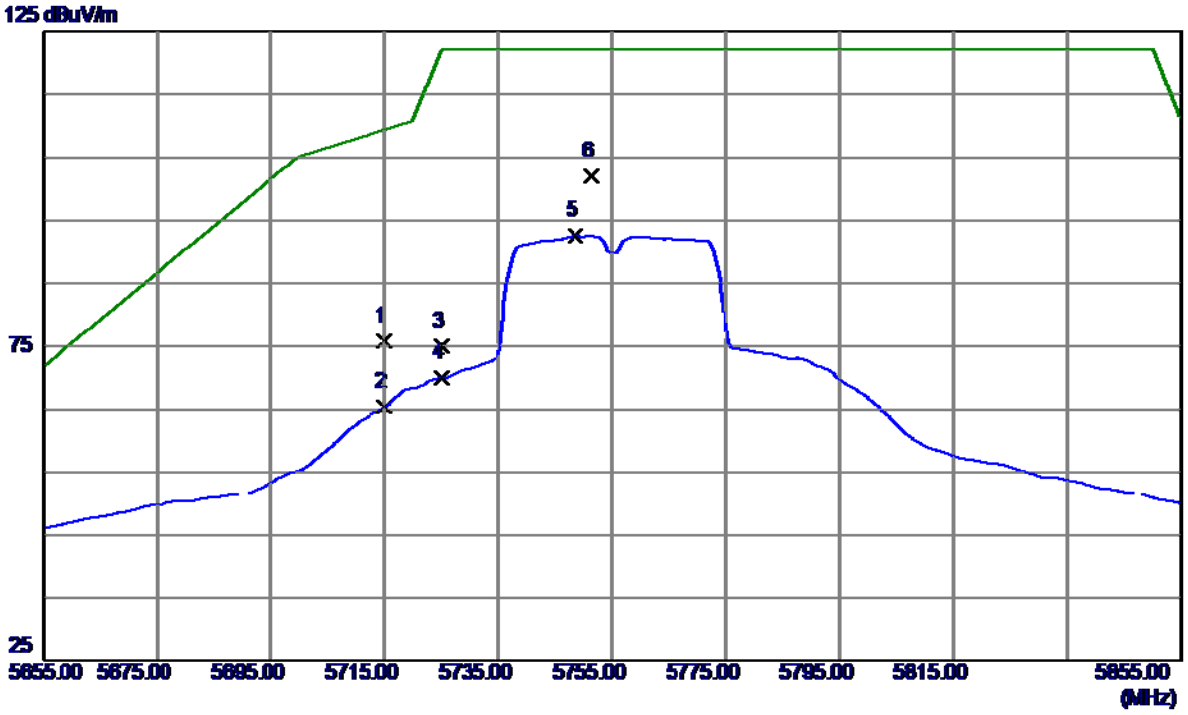
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.9300	30.44	17.79	48.23	68.30	-20.07	Peak	
2 *	11650.0500	18.20	17.79	35.99	54.00	-18.01	AVG	

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

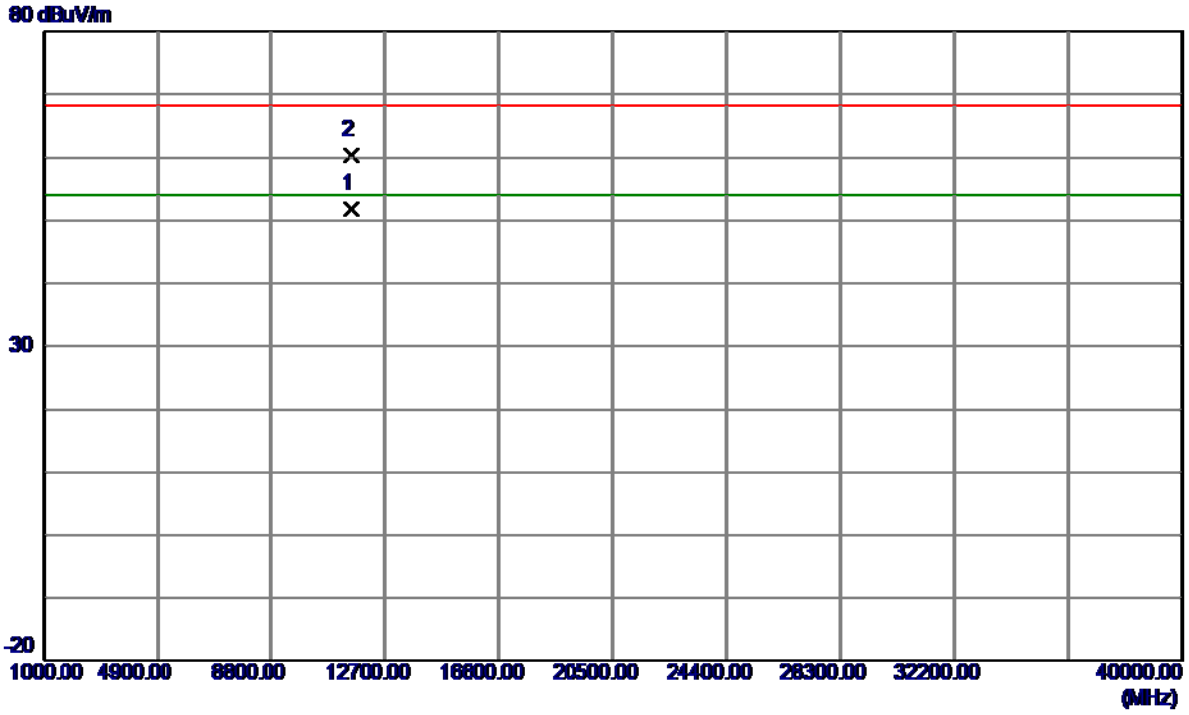
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	33.00	42.72	75.72	109.40	-33.68	Peak	
2	5715.0000	22.63	42.72	65.35	109.40	-44.05	AVG	
3	5725.0000	32.29	42.73	75.02	122.20	-47.18	Peak	
4	5725.0000	27.25	42.73	69.98	122.20	-52.22	AVG	
5	5748.6000	49.79	42.75	92.54	122.20	-29.66	AVG	
6 *	5751.4000	59.20	42.75	101.95	122.20	-20.25	Peak	

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

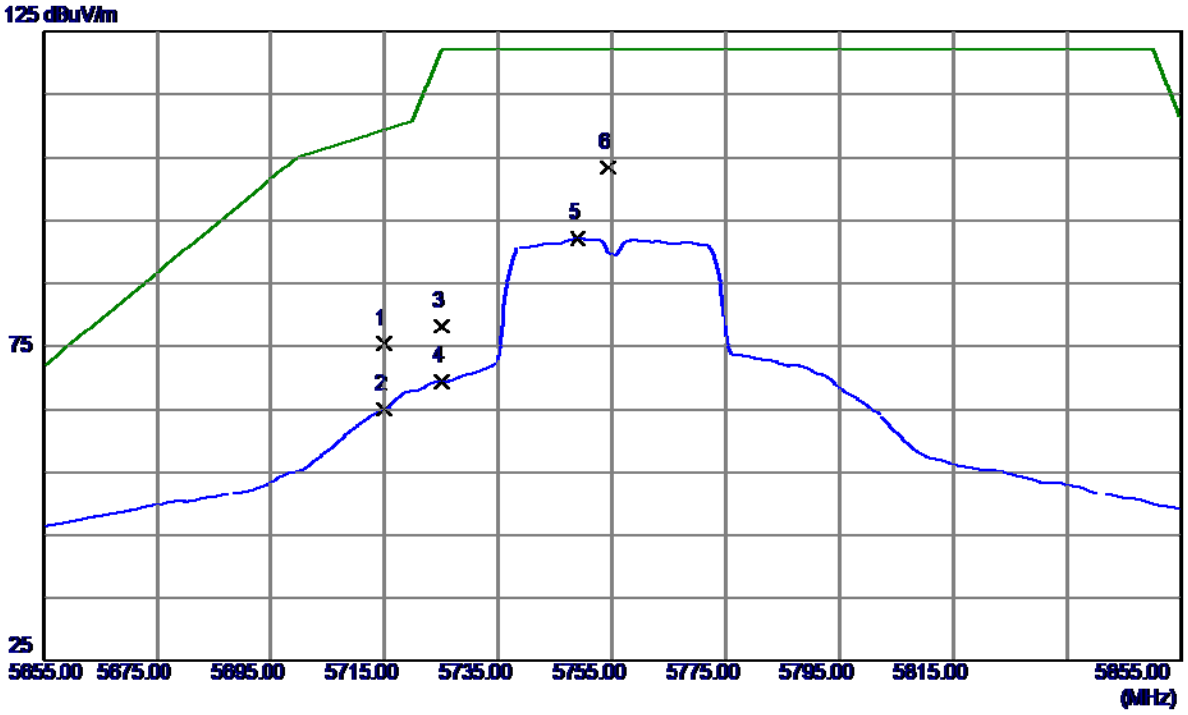
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.9000	33.97	17.90	51.87	54.00	-2.13	AVG	
2	11522.2000	42.47	17.89	60.36	68.30	-7.94	Peak	

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

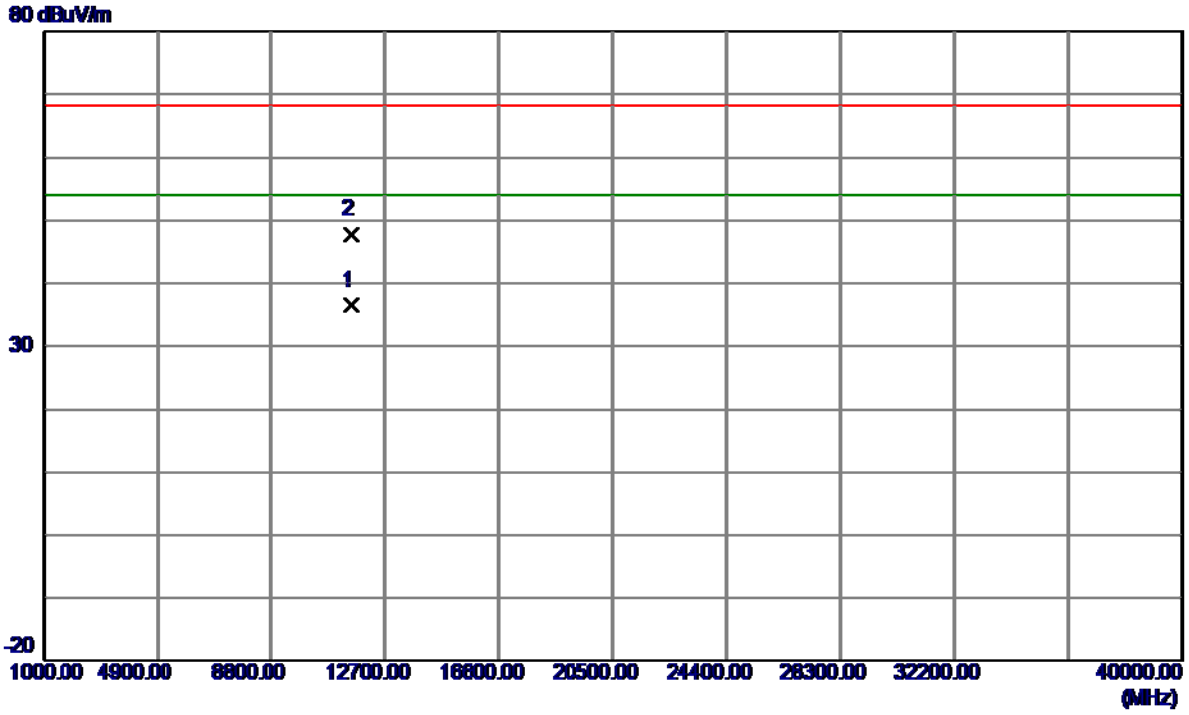
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	32.65	42.72	75.37	109.40	-34.03	Peak	
2	5715.0000	22.28	42.72	65.00	109.40	-44.40	AVG	
3	5725.0000	35.56	42.73	78.29	122.20	-43.91	Peak	
4	5725.0000	26.68	42.73	69.41	122.20	-52.79	AVG	
5	5749.0000	49.40	42.75	92.15	122.20	-30.05	AVG	
6 *	5754.4000	60.66	42.75	103.41	122.20	-18.79	Peak	

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

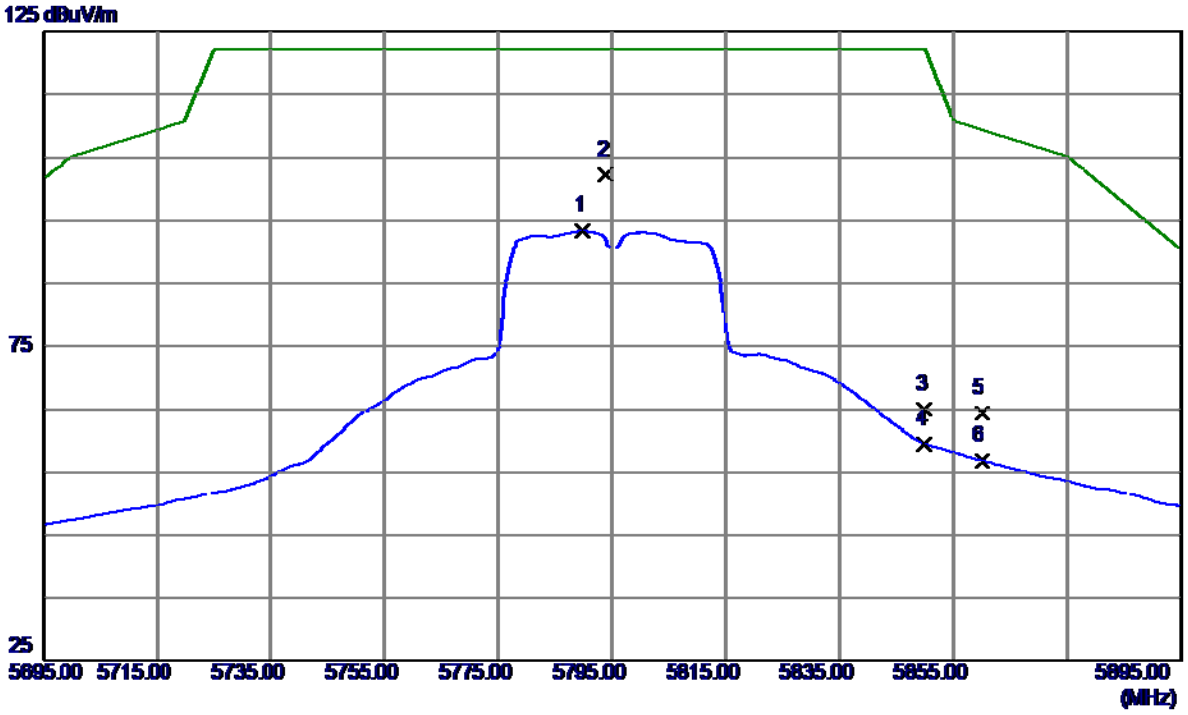
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11510.1050	18.60	17.90	36.50	54.00	-17.50	AVG	
2	11510.5900	29.84	17.90	47.74	68.30	-20.56	Peak	

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

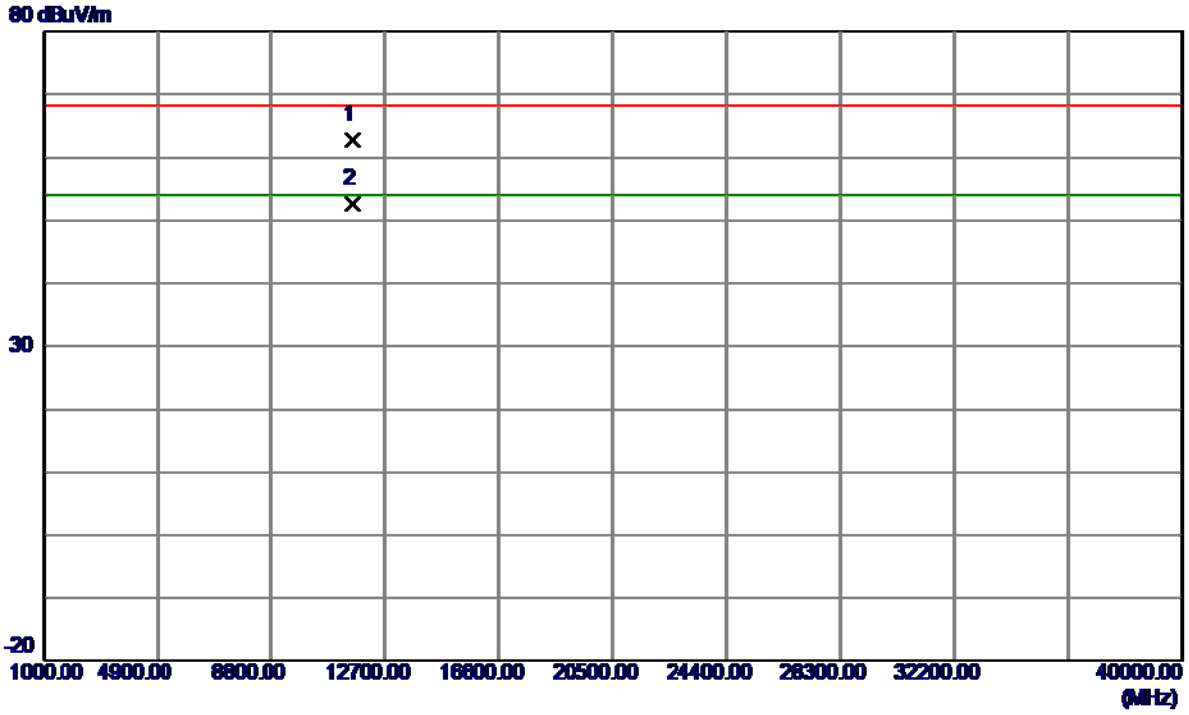
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5790.0000	50.63	42.79	93.42	122.20	-28.78	AVG	
2 *	5794.0000	59.42	42.79	102.21	122.20	-19.99	Peak	
3	5850.0000	22.14	42.84	64.98	122.20	-57.22	Peak	
4	5850.0000	16.59	42.84	59.43	122.20	-62.77	AVG	
5	5860.0000	21.60	42.85	64.45	109.40	-44.95	Peak	
6	5860.0000	14.00	42.85	56.85	109.40	-52.55	AVG	

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

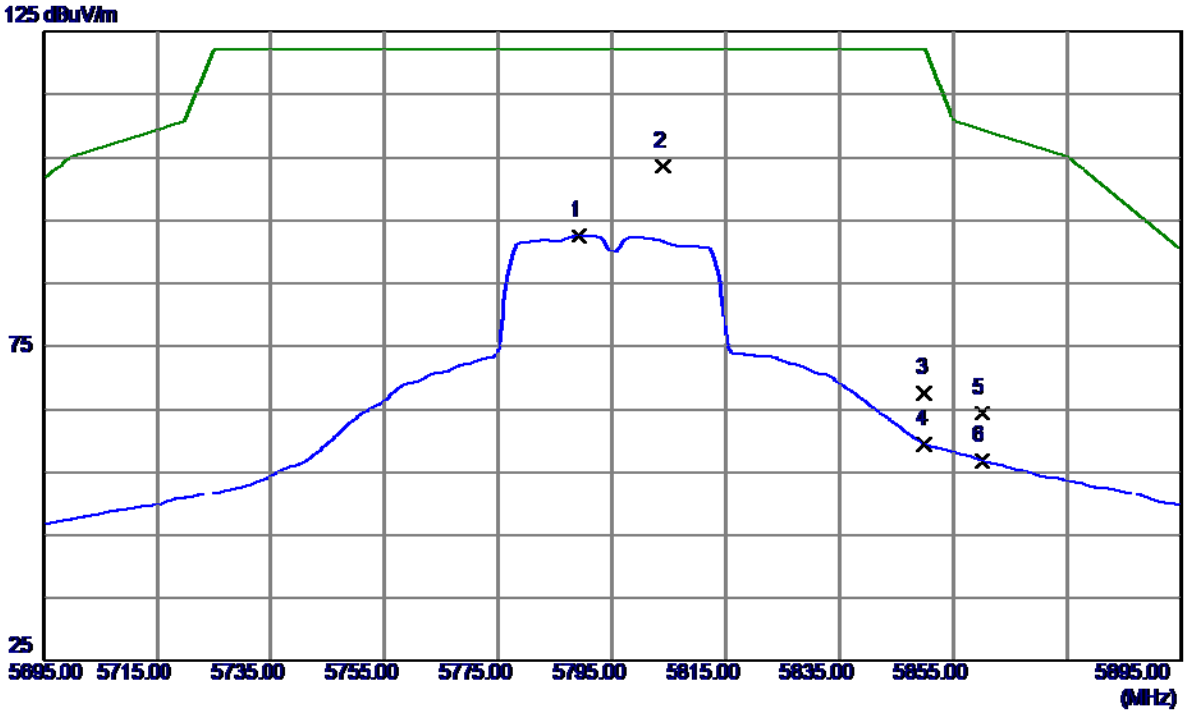
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11588.8000	45.00	17.83	62.83	68.30	-5.47	Peak	
2 *	11589.1000	34.75	17.83	52.58	54.00	-1.42	AVG	

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

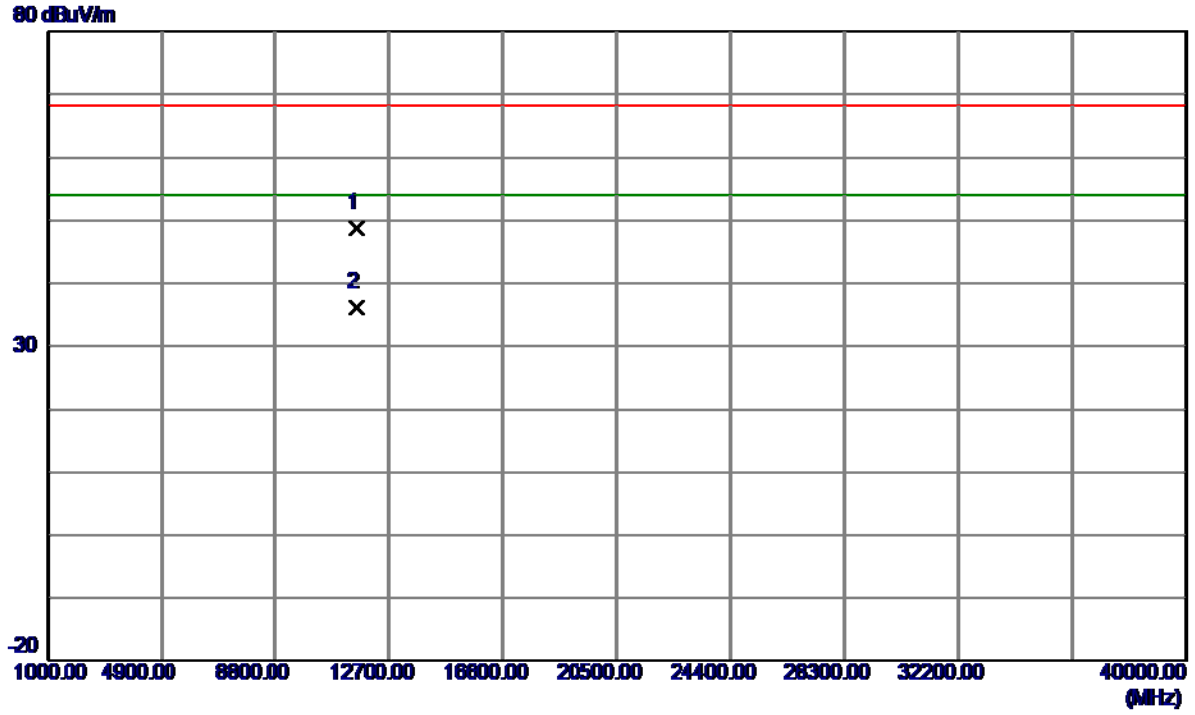
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5789.2000	49.86	42.78	92.64	122.20	-29.56	AVG	
2 *	5803.8000	60.83	42.80	103.63	122.20	-18.57	Peak	
3	5850.0000	24.84	42.84	67.68	122.20	-54.52	Peak	
4	5850.0000	16.57	42.84	59.41	122.20	-62.79	AVG	
5	5860.0000	21.52	42.85	64.37	109.40	-45.03	Peak	
6	5860.0000	13.99	42.85	56.84	109.40	-52.56	AVG	

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

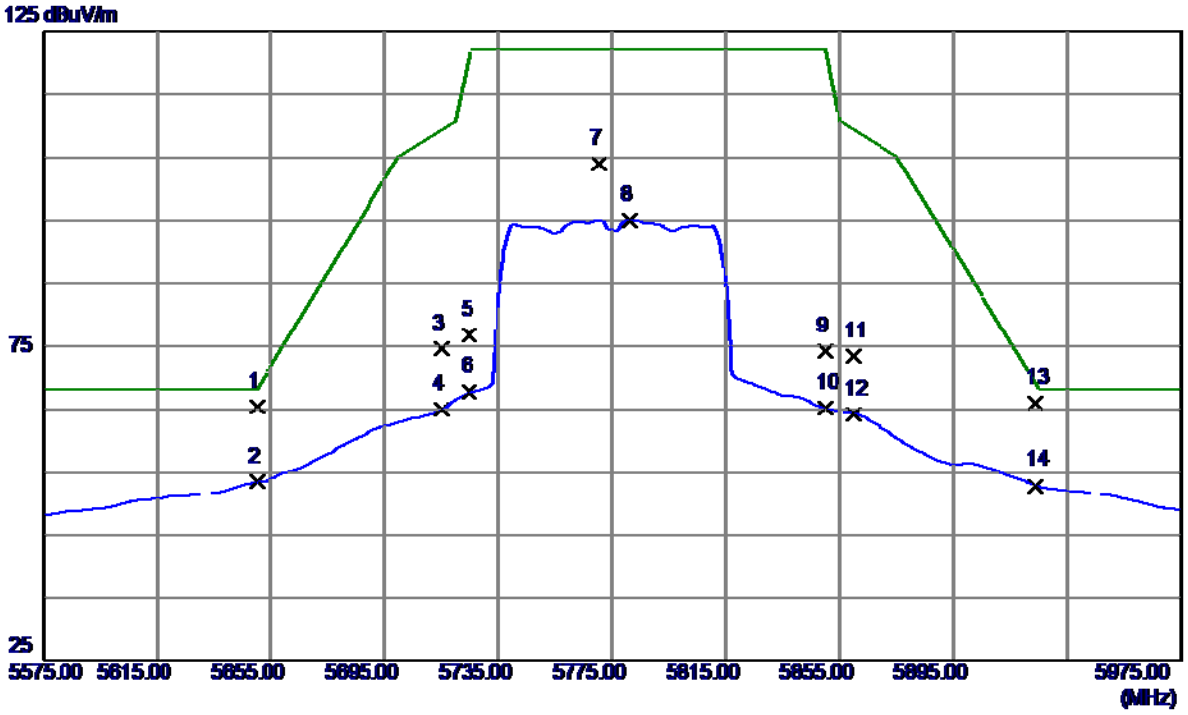
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.0300	30.91	17.83	48.74	68.30	-19.56	Peak	
2 *	11590.0300	18.46	17.83	36.29	54.00	-17.71	AVG	

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

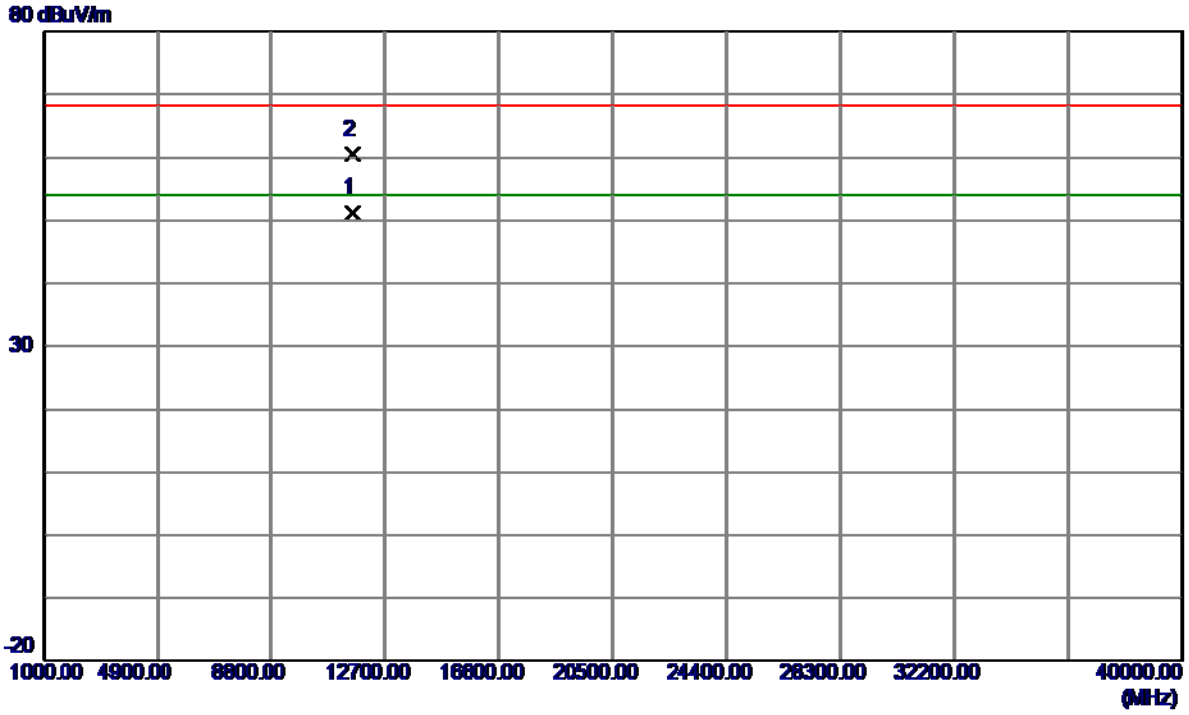
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5650.0000	22.71	42.66	65.37	68.20	-2.83	Peak	
2	5650.0000	10.84	42.66	53.50	68.20	-14.70	AVG	
3	5715.0000	31.88	42.72	74.60	109.40	-34.80	Peak	
4	5715.0000	22.24	42.72	64.96	109.40	-44.44	AVG	
5	5725.0000	34.01	42.73	76.74	122.20	-45.46	Peak	
6	5725.0000	25.03	42.73	67.76	122.20	-54.44	AVG	
7	5770.6000	61.20	42.77	103.97	122.20	-18.23	Peak	
8	5781.4000	52.25	42.78	95.03	122.20	-27.17	AVG	
9	5850.0000	31.31	42.84	74.15	122.20	-48.05	Peak	
10	5850.0000	22.29	42.84	65.13	122.20	-57.07	AVG	
11	5860.0000	30.64	42.85	73.49	109.40	-35.91	Peak	
12	5860.0000	21.42	42.85	64.27	109.40	-45.13	AVG	
13	5924.0000	23.17	42.90	66.07	68.94	-2.87	Peak	
14	5924.0000	10.00	42.90	52.90	68.94	-16.04	AVG	

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

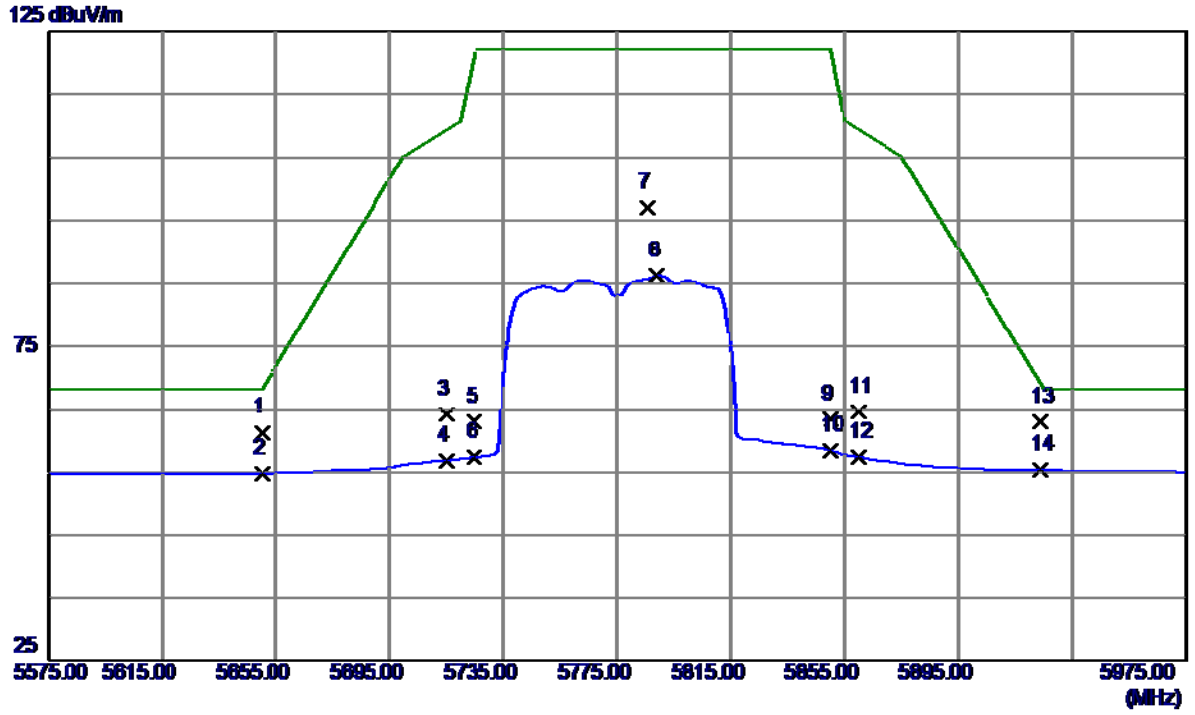
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11564.0000	33.30	17.85	51.15	54.00	-2.85	AVG	
2	11565.2000	42.65	17.85	60.50	68.30	-7.80	Peak	

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

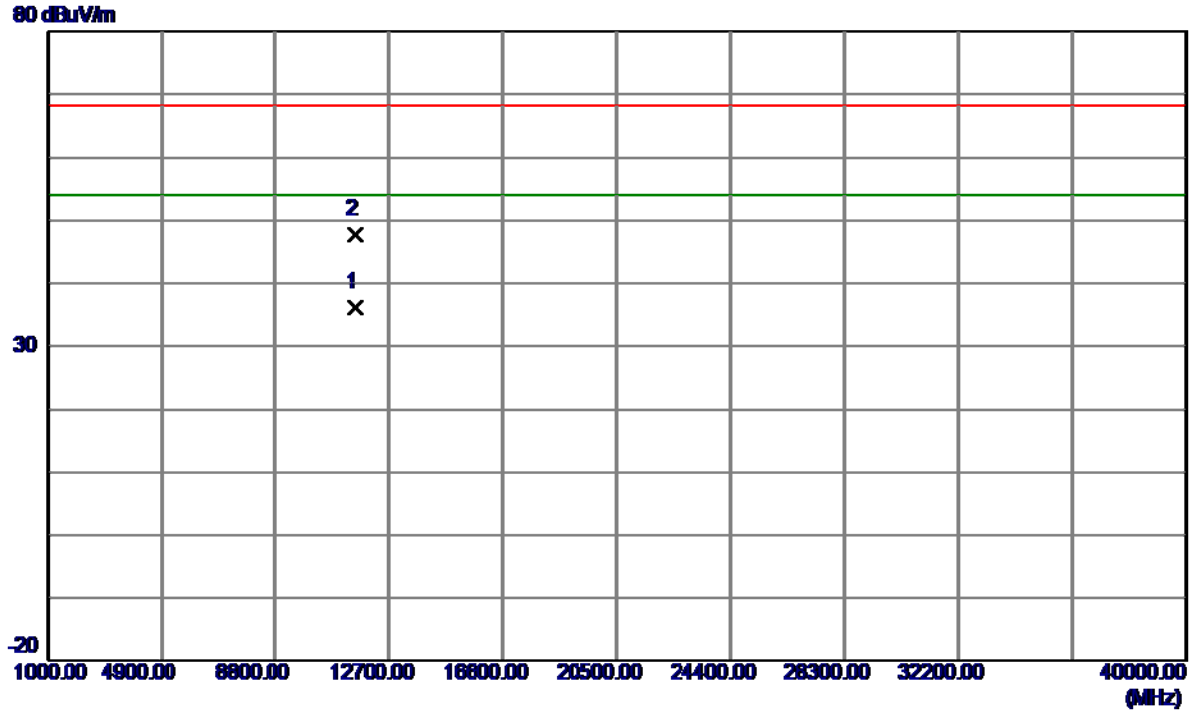
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5650.0000	18.64	42.66	61.30	68.20	-6.90	Peak	
2	5650.0000	12.20	42.66	54.86	68.20	-13.34	AVG	
3	5715.0000	21.52	42.72	64.24	109.40	-45.16	Peak	
4	5715.0000	14.12	42.72	56.84	109.40	-52.56	AVG	
5	5725.0000	20.27	42.73	63.00	122.20	-59.20	Peak	
6	5725.0000	14.70	42.73	57.43	122.20	-64.77	AVG	
7	5785.8000	54.28	42.78	97.06	122.20	-25.14	Peak	
8	5789.0000	43.36	42.78	86.14	122.20	-36.06	AVG	
9	5850.0000	20.55	42.84	63.39	122.20	-58.81	Peak	
10	5850.0000	15.54	42.84	58.38	122.20	-63.82	AVG	
11	5860.0000	21.68	42.85	64.53	109.40	-44.87	Peak	
12	5860.0000	14.54	42.85	57.39	109.40	-52.01	AVG	
13 *	5924.0000	20.16	42.90	63.06	68.94	-5.88	Peak	
14	5924.0000	12.48	42.90	55.38	68.94	-13.56	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 *	11550.0550	18.40	17.87	36.27	54.00	-17.73	AVG	
2	11550.4349	30.00	17.87	47.87	68.30	-20.43	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

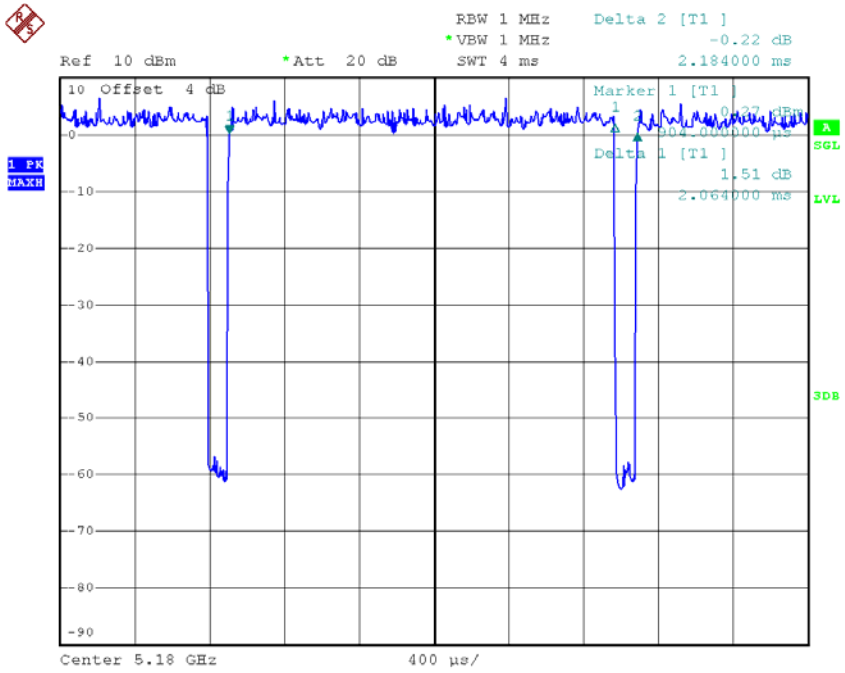
T_{ON}:2.06msec

T_{Total}:2.18msec

Duty cycle: 94.50%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =0.25



Date: 26.FEB.2017 17:06:08

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

TX N20Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

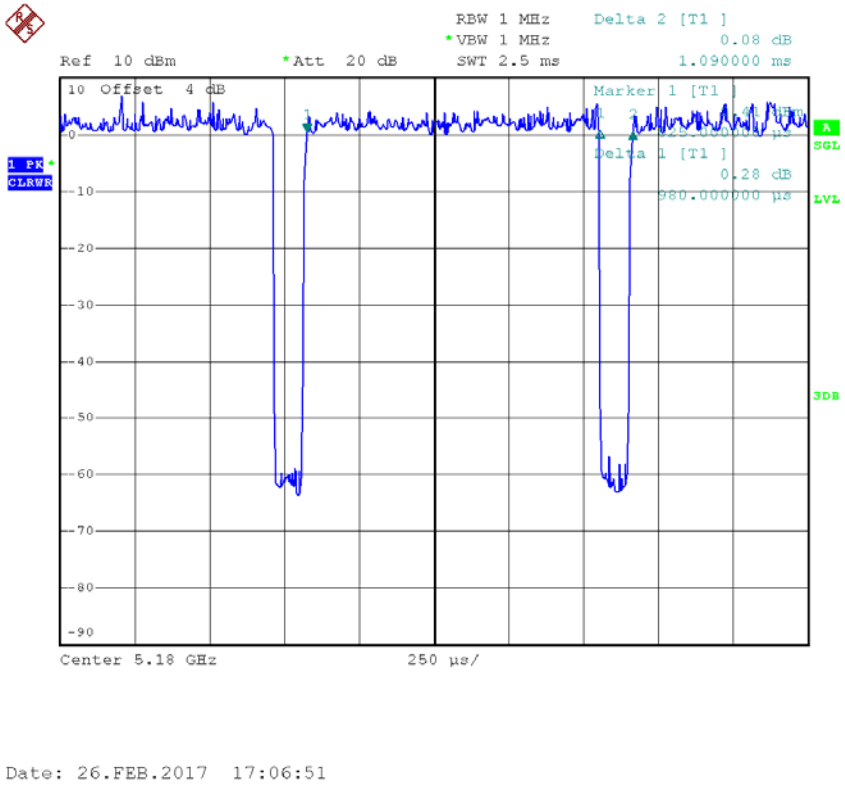
T_{ON}:0.98msec

T_{Total}:1.09msec

Duty cycle: 89.91%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =0.46



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

TX N40Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

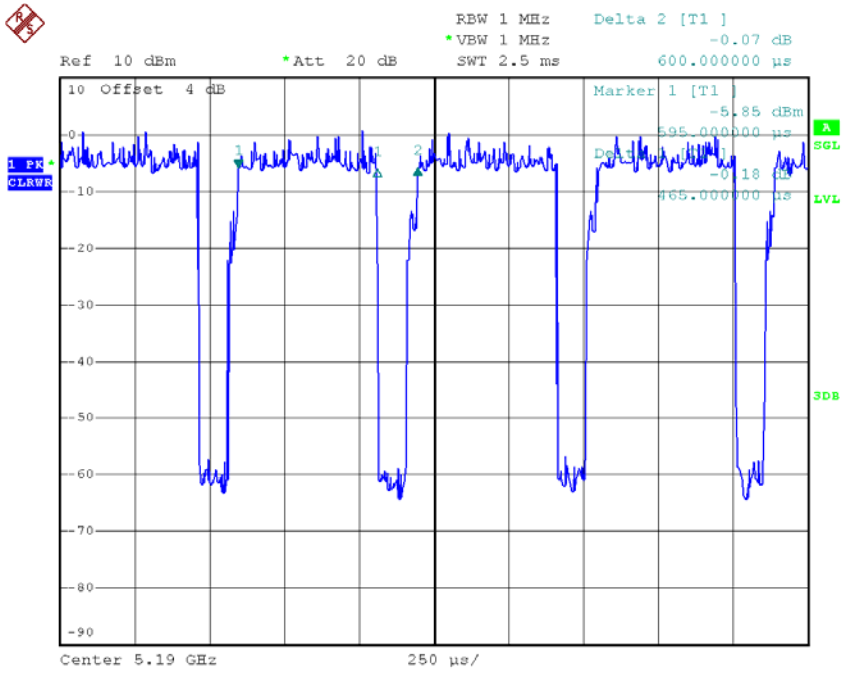
T_{ON}:0.465msec

T_{Total}:0.60msec

Duty cycle: 77.50%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =1.11



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

TX AC20Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

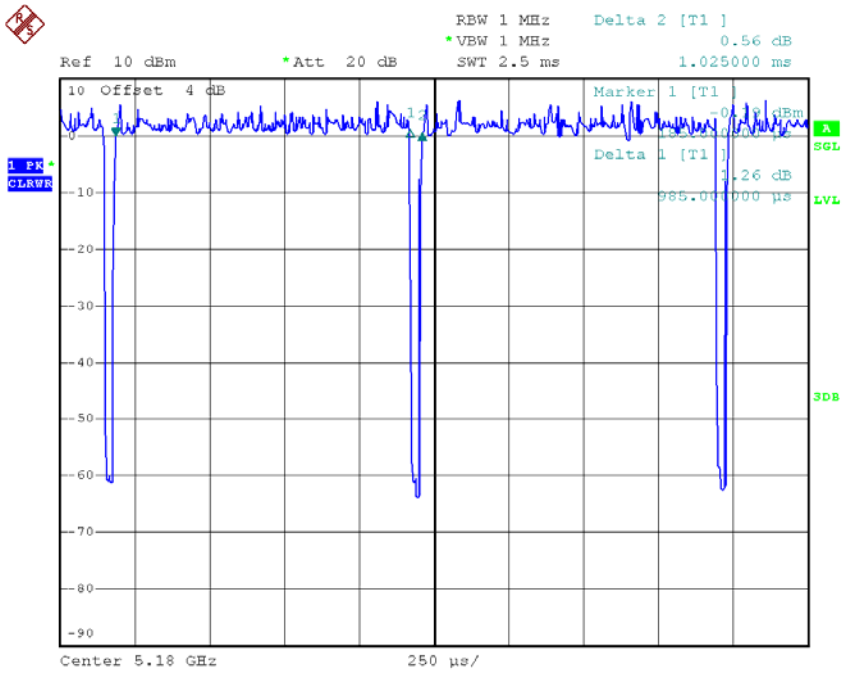
T_{ON}:0.985msec

T_{Total}:1.025msec

Duty cycle: 96.10%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =0.17



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

TX AC40Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

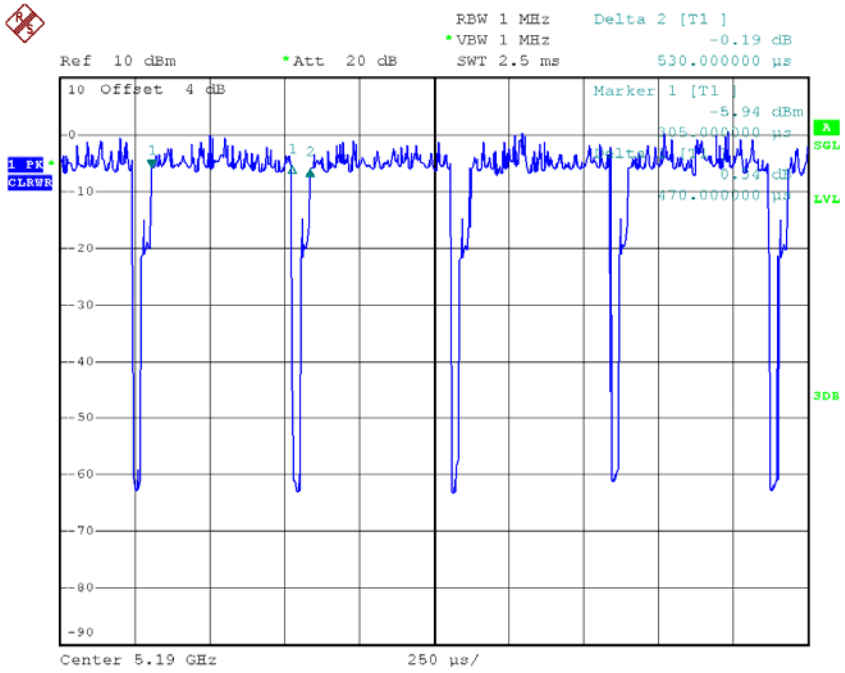
T_{ON}:0.47msec

T_{Total}:0.53msec

Duty cycle: 88.68%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =0.52



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

TX AC80Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

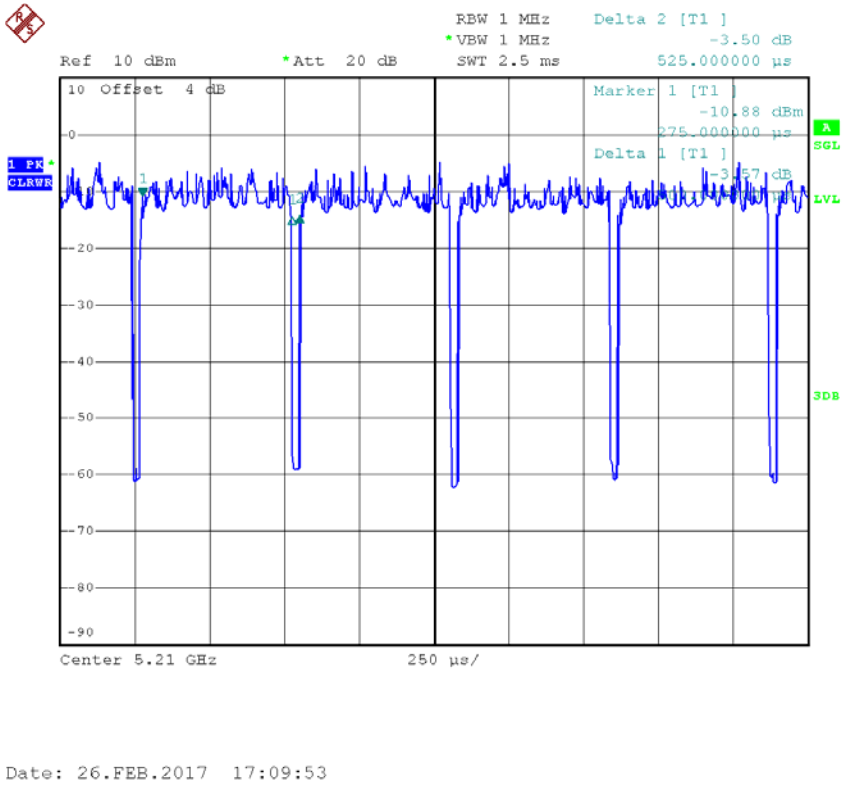
T_{ON}:0.50msec

T_{Total}:0.525msec

Duty cycle: 95.24%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =0.21



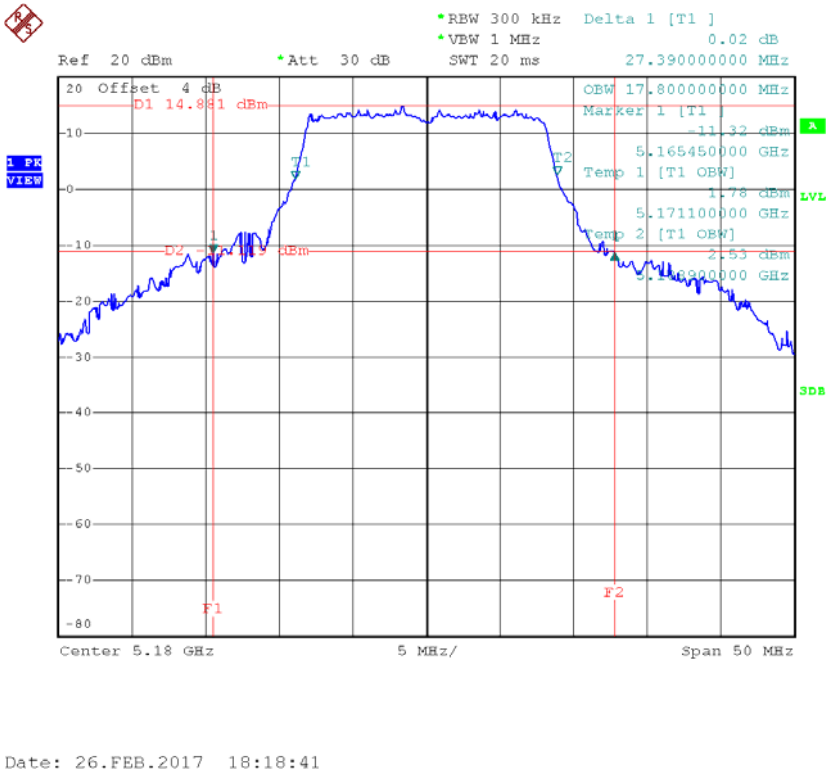
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle isless than 98 %, so, the output power and power density should be cacluated asOutput Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E -BANDWIDTH

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

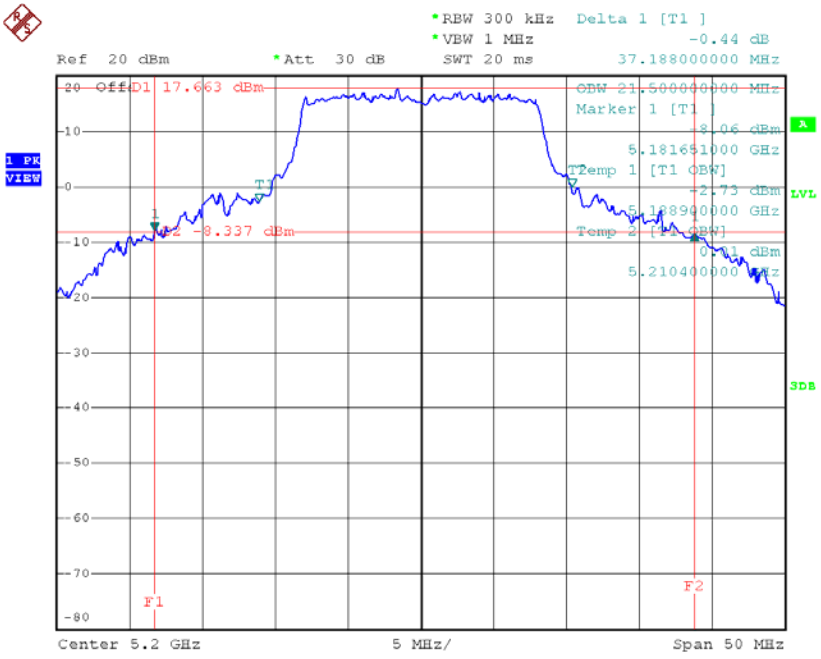
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	27.39	17.80
CH40	5200	37.19	21.50
CH48	5240	36.00	20.30

TX CH36



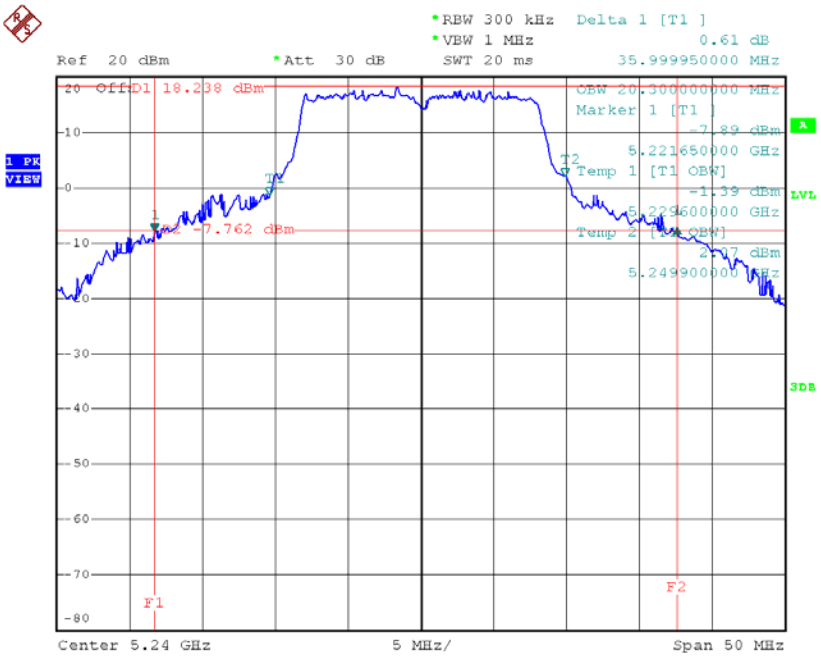
Date: 26.FEB.2017 18:18:41

TX CH40



Date: 26.FEB.2017 18:19:42

TX CH48

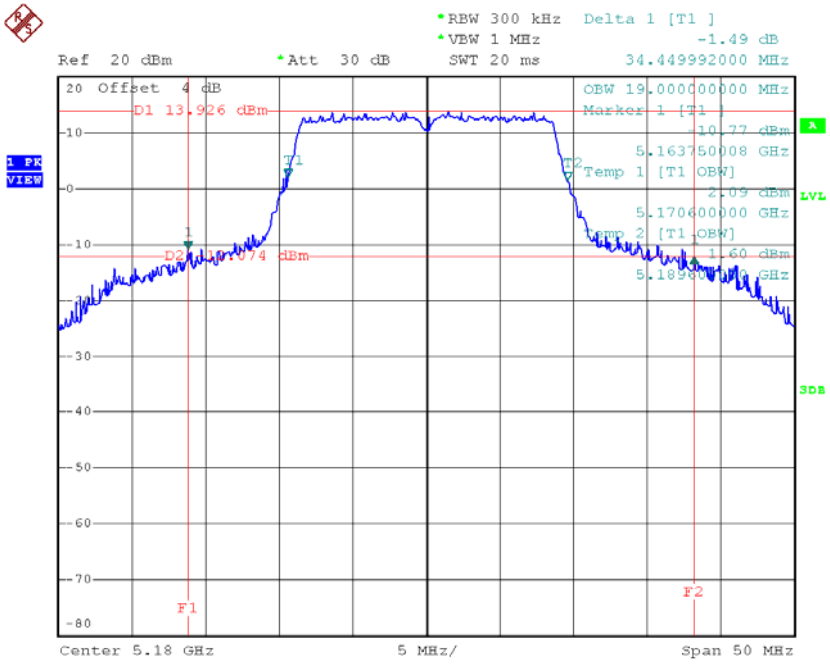


Date: 26.FEB.2017 18:20:23

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

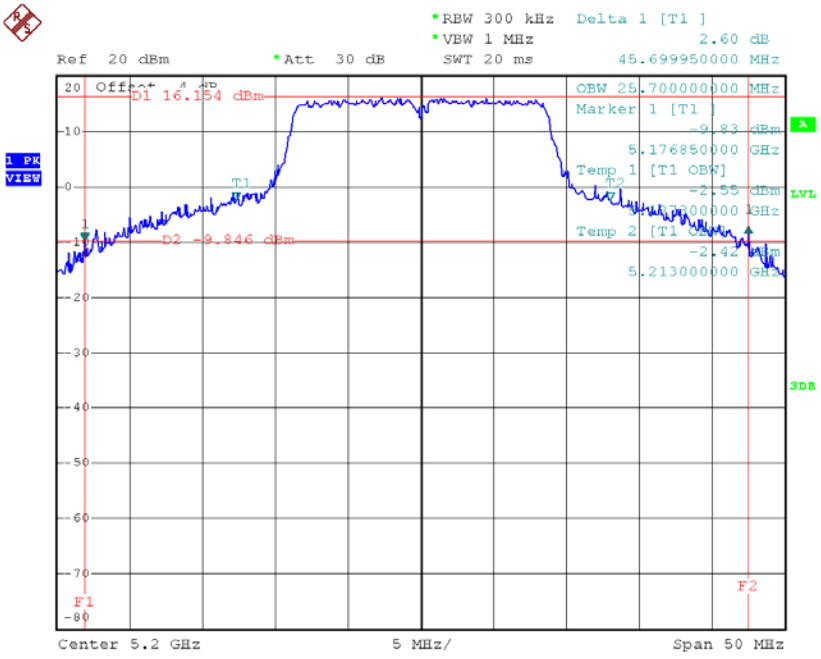
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	34.45	19.00
CH40	5200	45.70	25.70
CH48	5240	44.40	25.00

TX CH36



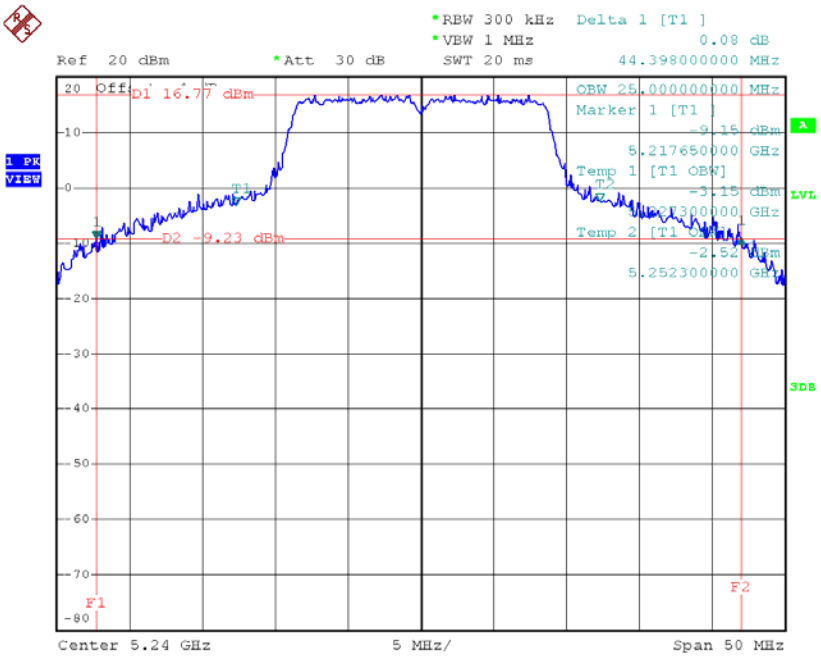
Date: 26.FEB.2017 19:18:24

TX CH40



Date: 26.FEB.2017 19:19:11

TX CH48

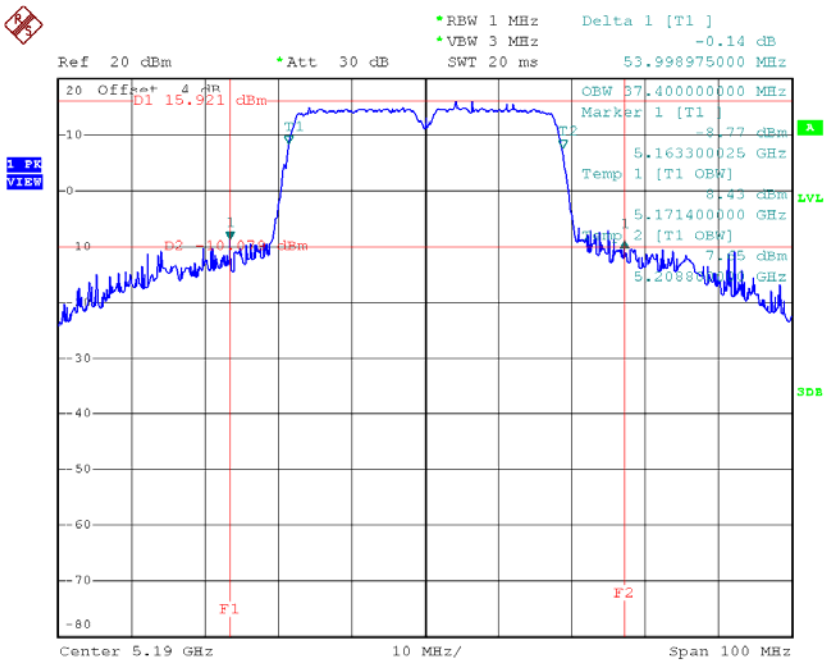


Date: 26.FEB.2017 19:19:51

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

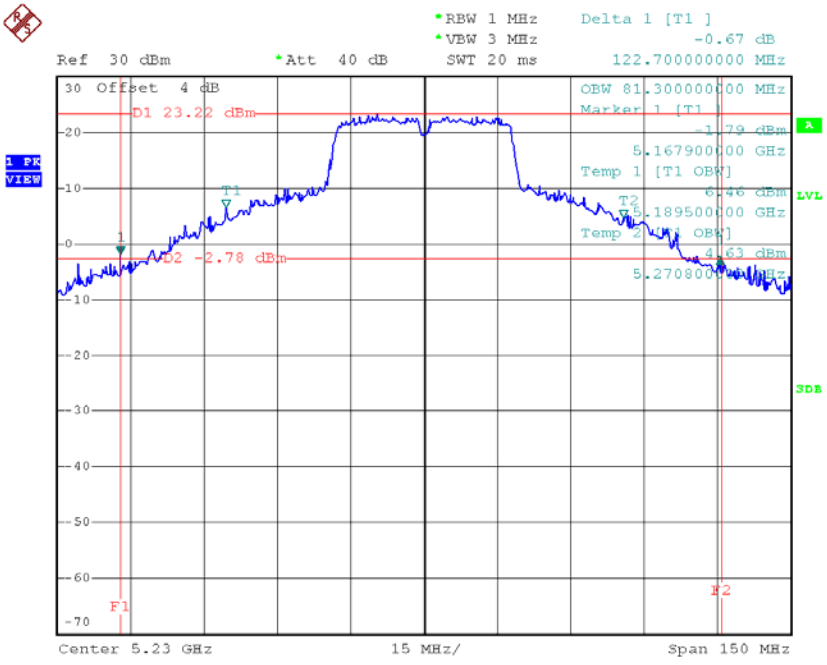
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	54.00	37.40
CH46	5230	122.70	81.30

TX CH38



Date: 26.FEB.2017 19:30:39

TX CH46

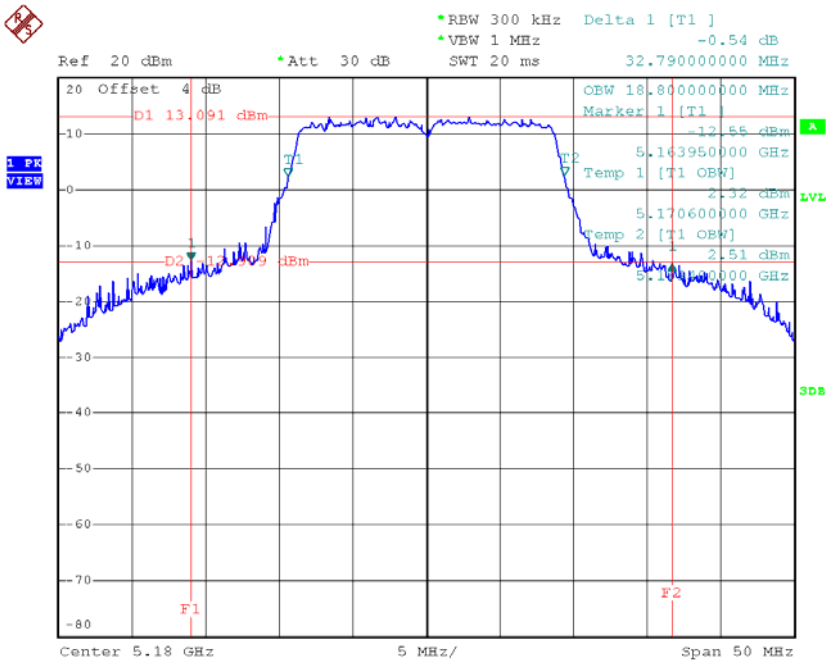


Date: 26.FEB.2017 19:49:35

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

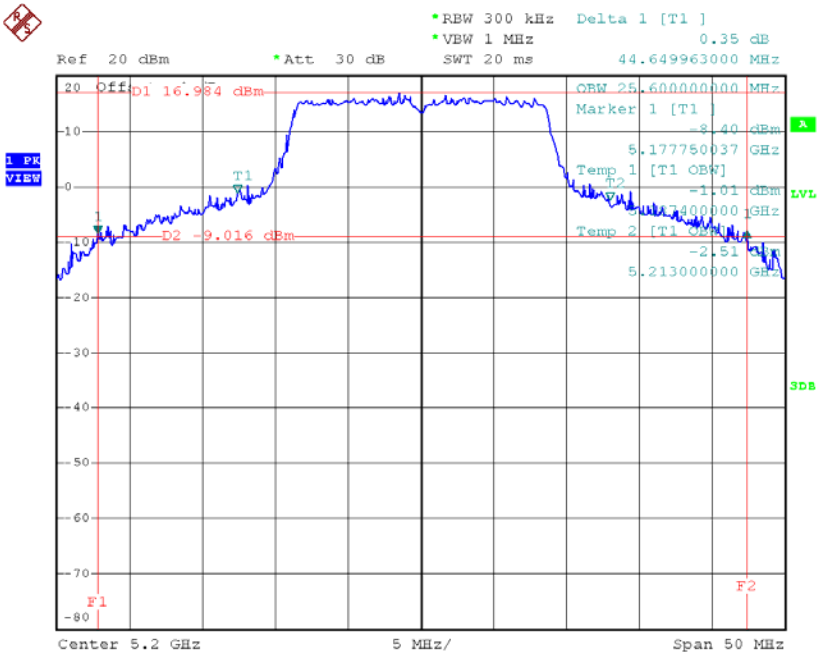
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	32.79	18.80
CH40	5200	44.65	25.60
CH48	5240	45.70	24.60

TX CH36



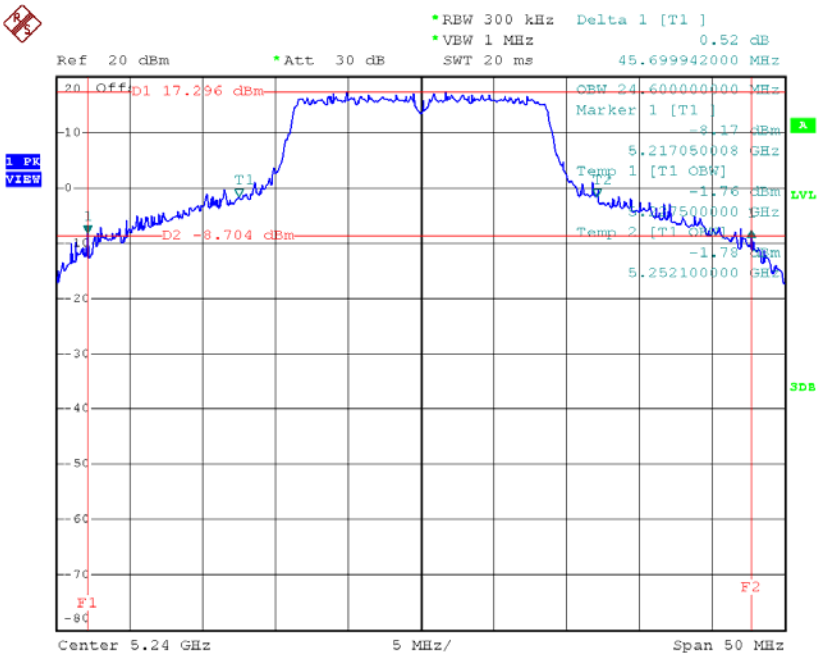
Date: 26.FEB.2017 19:24:27

TX CH40



Date: 26.FEB.2017 19:25:09

TX CH48

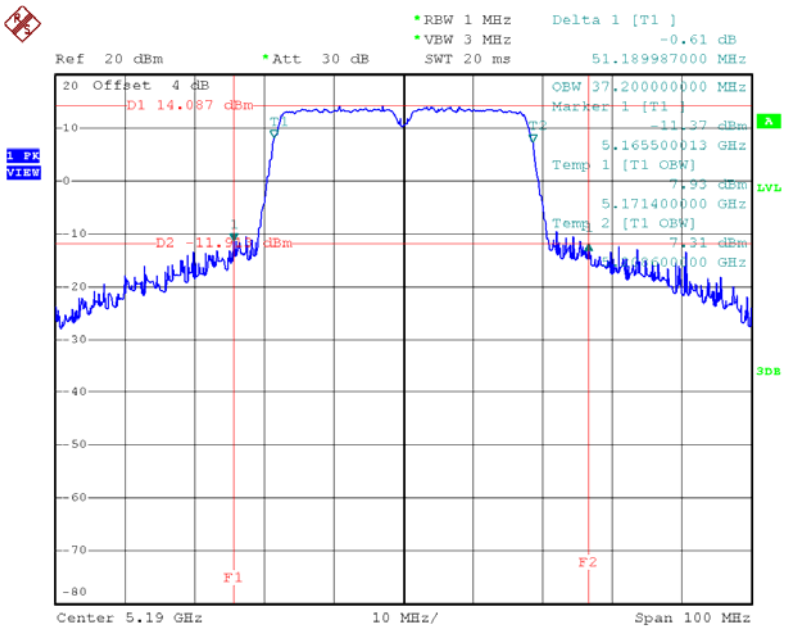


Date: 26.FEB.2017 19:26:13

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

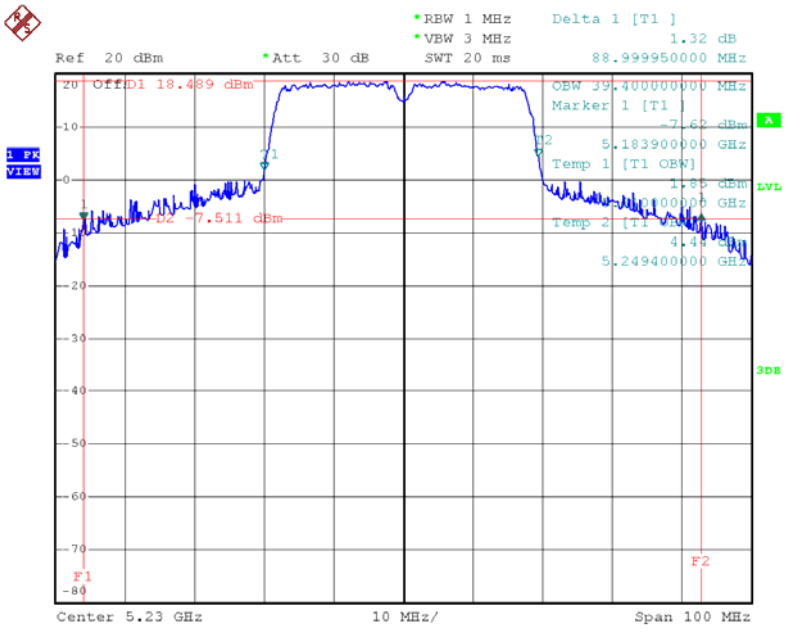
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	51.19	37.20
CH46	5230	89.00	39.40

TX CH38



Date: 26.FEB.2017 19:36:34

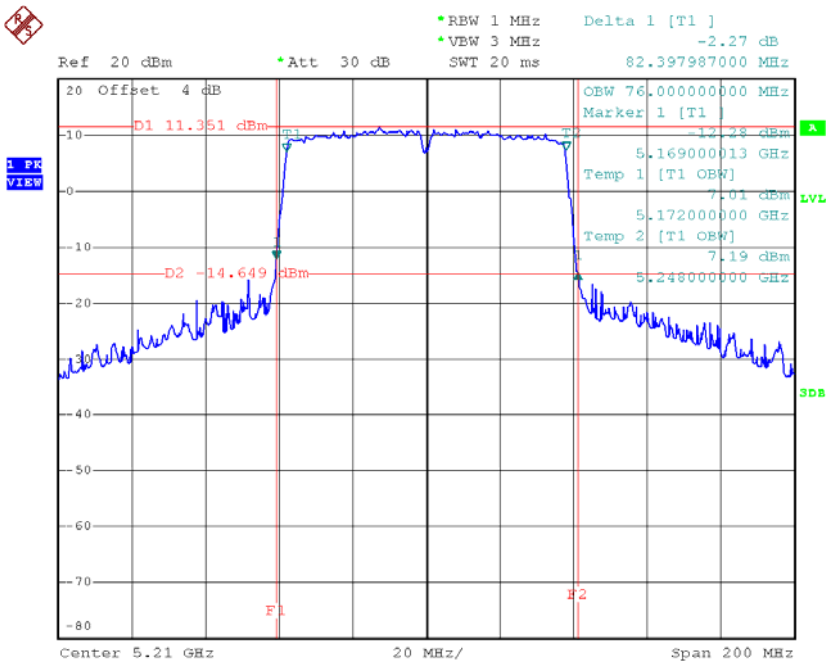
TX CH46



Date: 26.FEB.2017 19:37:26

Test Mode: UNII-1/TX AC80 Mode_CH42			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	82.40	76.00

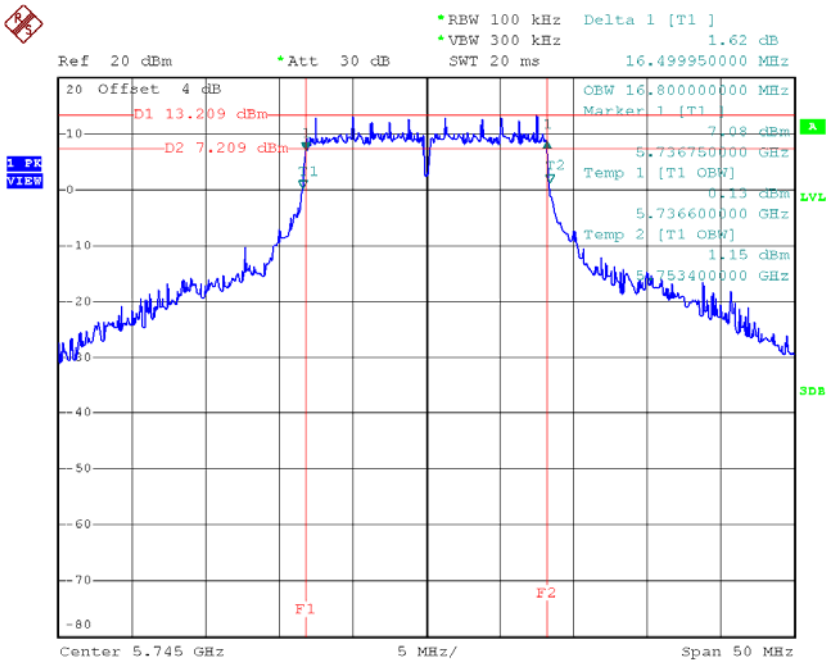
TX CH42



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

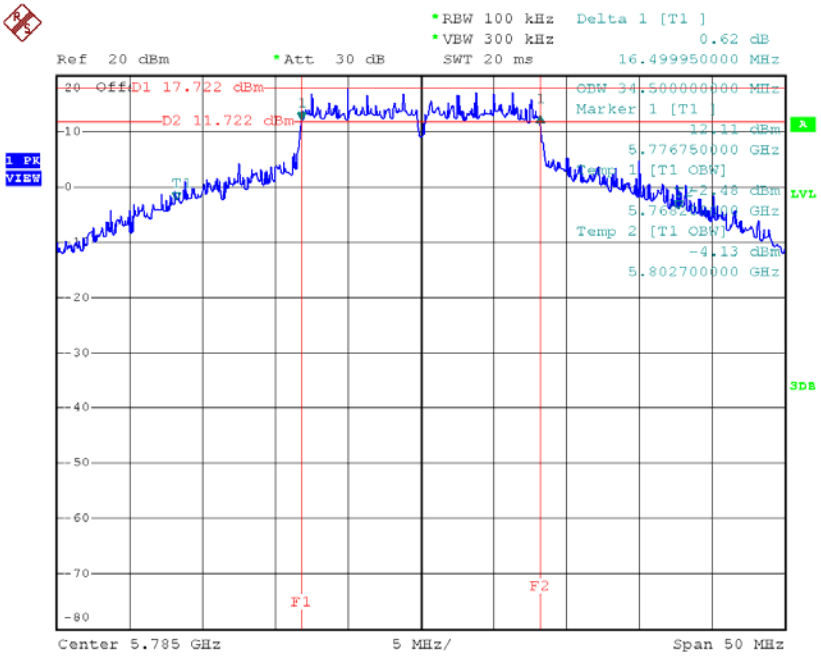
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.50	16.80	>=500
CH157	5785	16.50	34.50	>=500
CH165	5825	16.35	35.60	>=500

TX CH 149



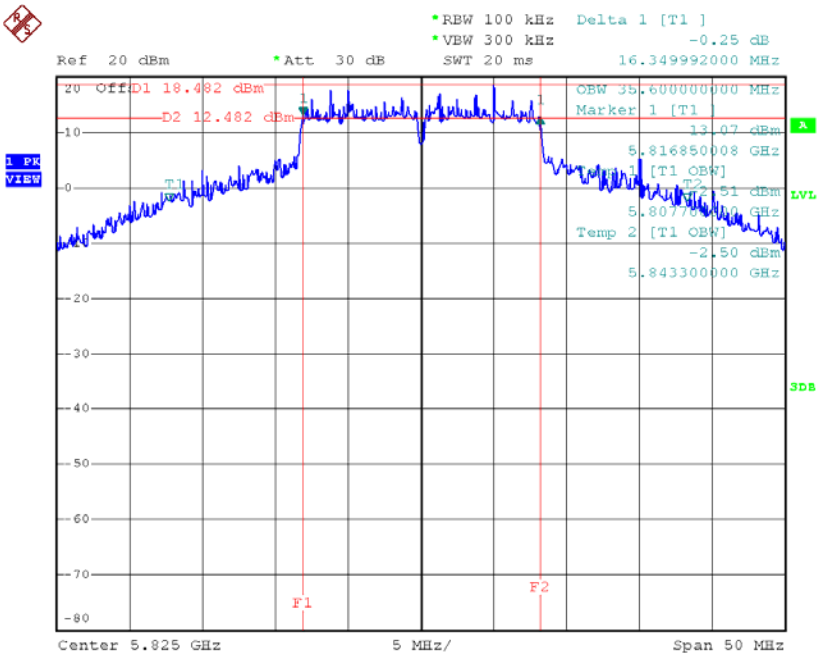
Date: 26.FEB.2017 18:21:20

TX CH 157



Date: 26.FEB.2017 18:22:24

TX CH 165

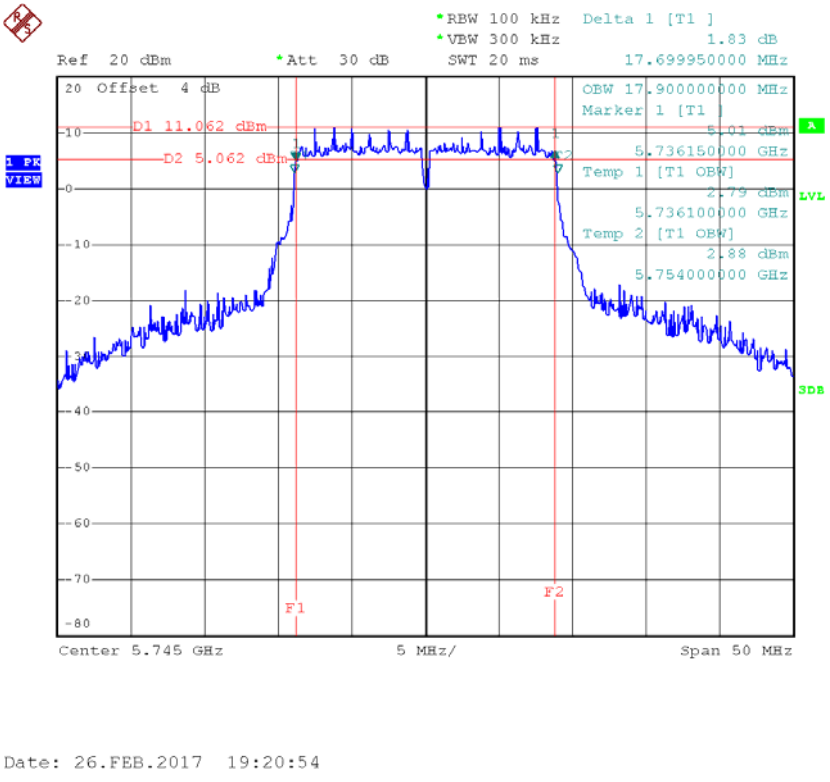


Date: 26.FEB.2017 18:23:21

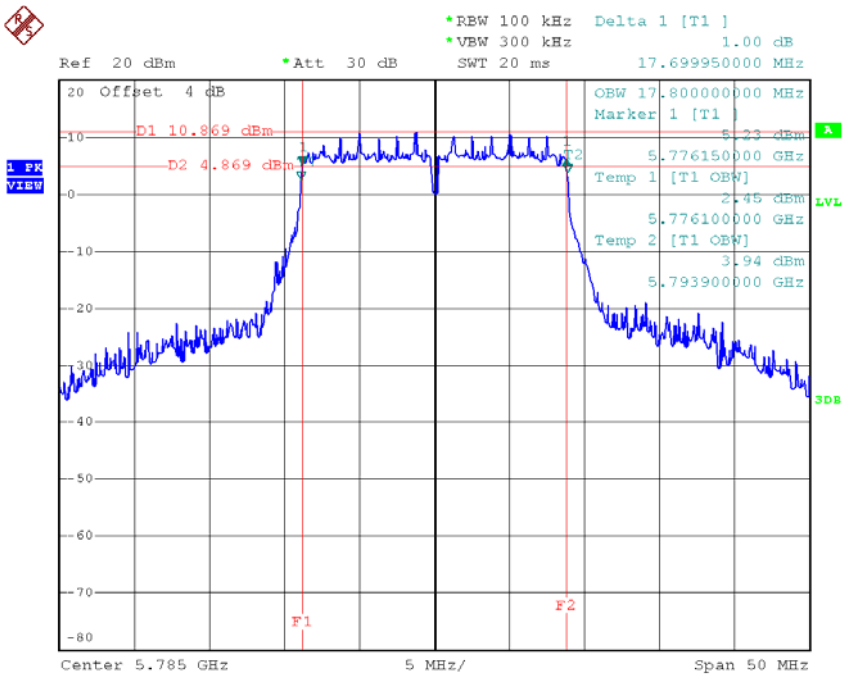
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	17.90	>=500
CH157	5785	17.70	17.80	>=500
CH165	5825	17.65	17.80	>=500

TX CH 149

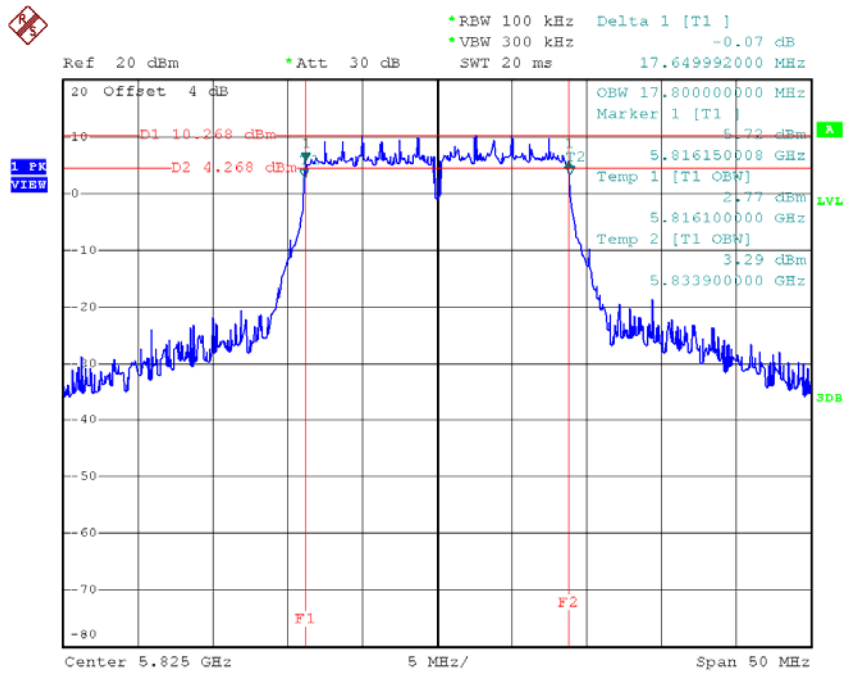


TX CH 157



Date: 26.FEB.2017 19:21:59

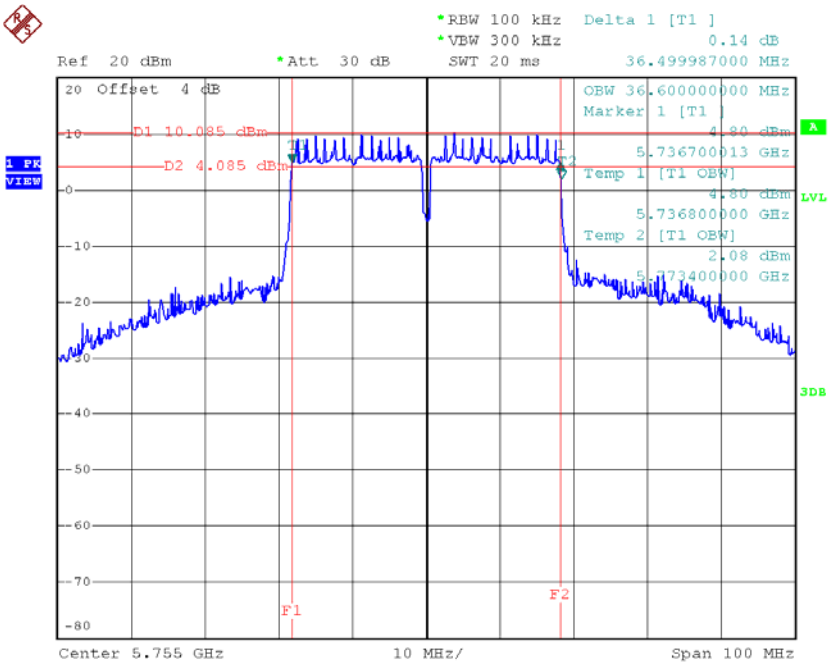
TX CH 165



Date: 26.FEB.2017 19:22:57

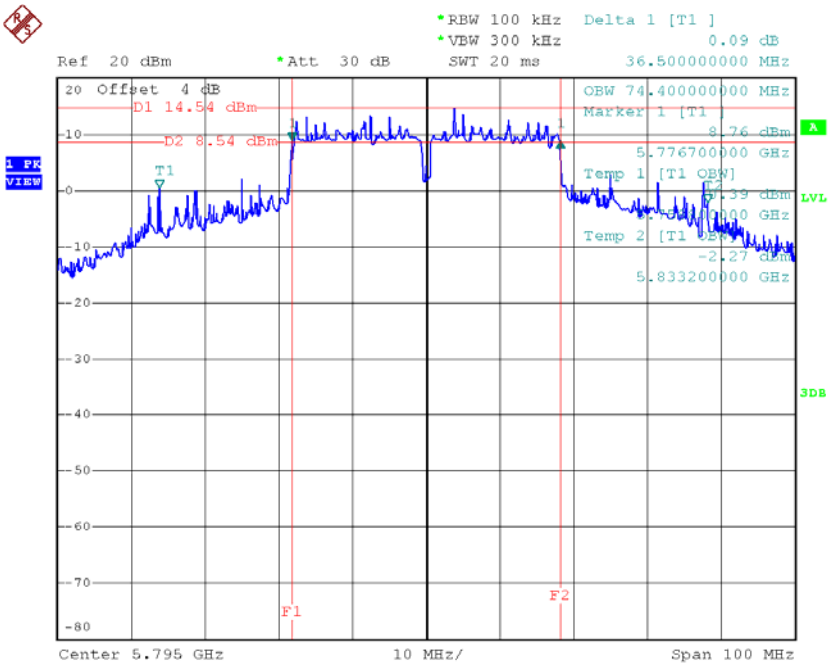
Test Mode: UNII-3/ TX N40 Mode_CH151/CH159				
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.60	>=500
CH159	5795	36.50	74.40	>=500

TX CH 151



Date: 26.FEB.2017 19:33:32

TX CH 159

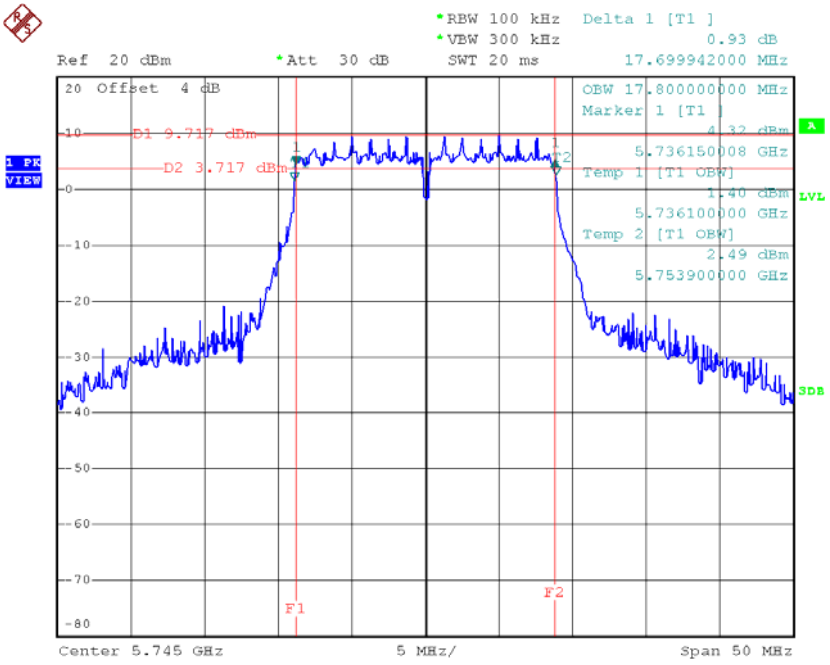


Date: 26.FEB.2017 19:34:33

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

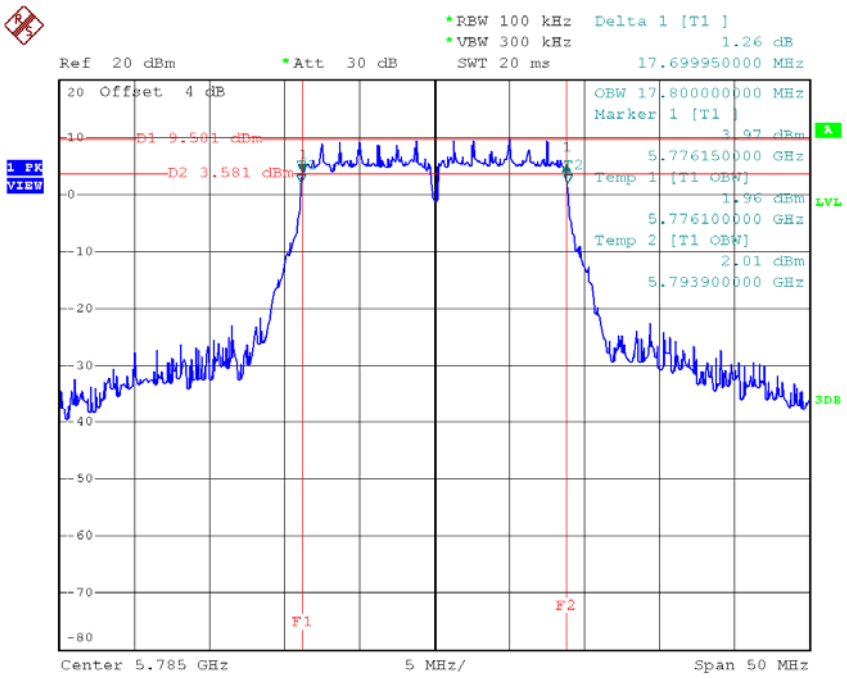
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	17.80	>=500
CH157	5785	17.70	17.80	>=500
CH165	5825	17.65	17.80	>=500

TX CH 149



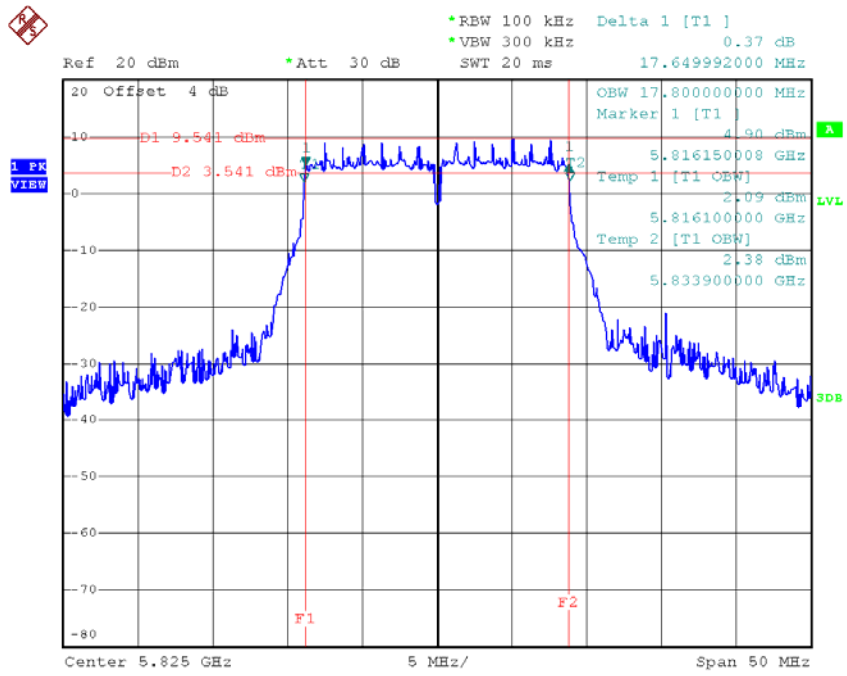
Date: 26.FEB.2017 19:27:17

TX CH 157



Date: 26.FEB.2017 19:28:15

TX CH 165

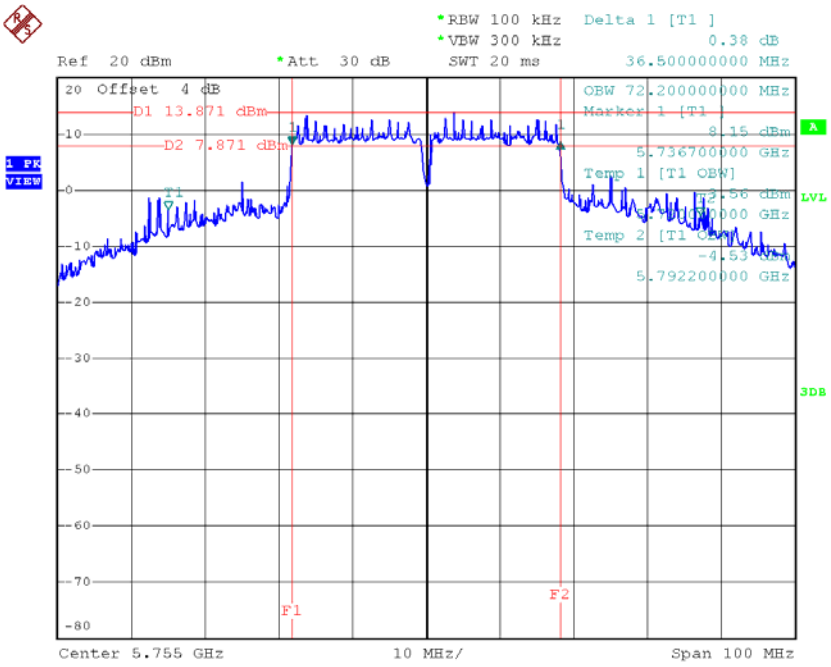


Date: 26.FEB.2017 19:29:10

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

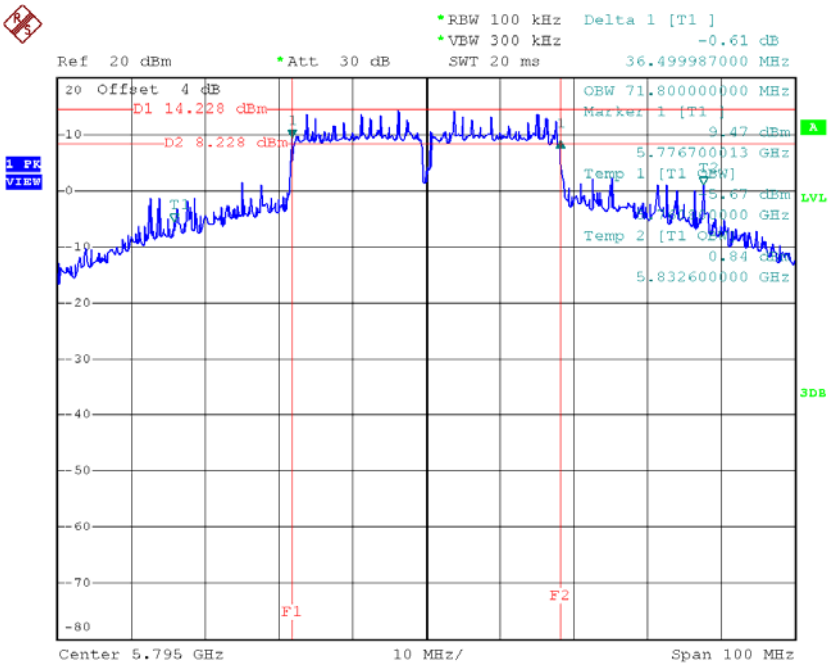
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	72.20	>=500
CH159	5795	36.50	71.80	>=500

TX CH 151



Date: 26.FEB.2017 19:38:31

TX CH 159

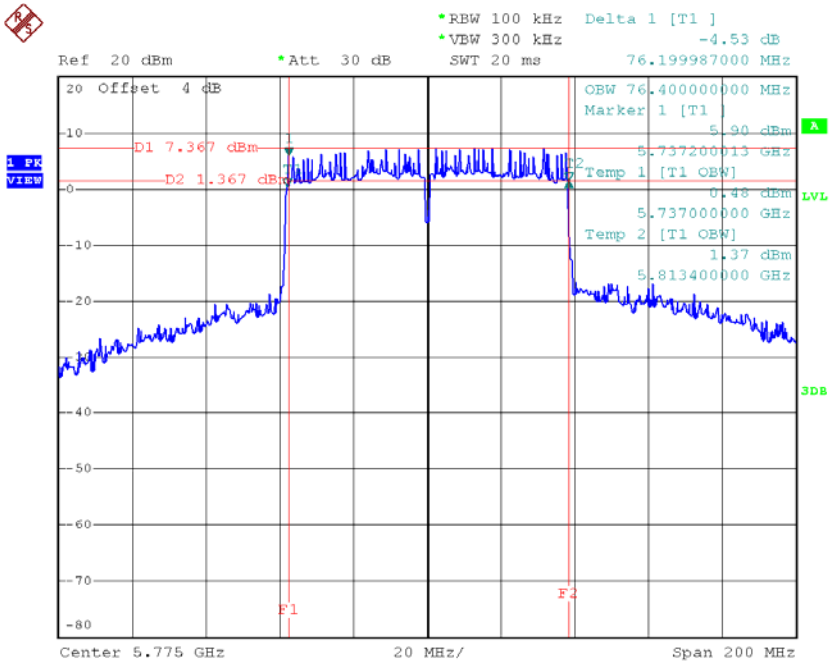


Date: 26.FEB.2017 19:39:27

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.20	76.40	>=500

TX CH 155



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	20.48	0.25	20.73	30.00	1.00
CH40	5200	23.12	0.25	23.37	30.00	1.00
CH48	5240	23.65	0.25	23.90	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	20.57	0.46	21.03	30.00	1.00
CH40	5200	21.23	0.46	21.69	30.00	1.00
CH48	5240	19.71	0.46	20.17	30.00	1.00

Test Mode: UNII-1/TX N20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.12	0.46	19.58	30.00	1.00
CH40	5200	23.12	0.46	23.58	30.00	1.00
CH48	5240	23.55	0.46	24.01	30.00	1.00

Test Mode: UNII-1/TX N20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.38	30.00	1.00
CH40	5200	25.75	30.00	1.00
CH48	5240	25.51	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	17.52	1.11	18.63	30.00	1.00
CH46	5230	23.26	1.11	24.37	30.00	1.00

Test Mode: UNII-1/TX N40 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	19.31	1.11	20.42	30.00	1.00
CH46	5230	26.88	1.11	27.99	30.00	1.00

Test Mode: UNII-1/TX N40 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	22.63	30.00	1.00
CH46	5230	29.56	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	19.84	0.17	20.01	30.00	1.00
CH40	5200	21.42	0.17	21.59	30.00	1.00
CH48	5240	21.02	0.17	21.19	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	20.76	0.17	20.93	30.00	1.00
CH40	5200	23.67	0.17	23.84	30.00	1.00
CH48	5240	23.86	0.17	24.03	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode _Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	23.50	30.00	1.00
CH40	5200	25.87	30.00	1.00
CH48	5240	25.85	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	18.12	0.52	18.64	30.00	1.00
CH46	5230	20.98	0.52	21.50	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	18.42	0.52	18.94	30.00	1.00
CH46	5230	22.23	0.52	22.75	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	21.80	30.00	1.00
CH46	5230	25.18	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	16.42	0.21	16.63	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	17.86	0.21	18.07	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	20.42	30.00	1.00

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	19.48	0.25	19.73	30.00	1.00
CH157	5785	25.45	0.25	25.70	30.00	1.00
CH165	5825	25.37	0.25	25.62	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	20.05	0.46	20.51	30.00	1.00
CH157	5785	19.48	0.46	19.94	30.00	1.00
CH165	5825	18.95	0.46	19.41	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	18.57	0.46	19.03	30.00	1.00
CH157	5785	19.06	0.46	19.52	30.00	1.00
CH165	5825	18.24	0.46	18.70	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	22.84	30.00	1.00
CH157	5785	22.75	30.00	1.00
CH165	5825	22.08	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	22.13	1.11	23.24	30.00	1.00
CH159	5795	25.31	1.11	26.42	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	20.21	1.11	21.32	30.00	1.00
CH159	5795	24.78	1.11	25.89	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	25.40	30.00	1.00
CH159	5795	29.17	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	19.04	0.17	19.21	30.00	1.00
CH157	5785	19.52	0.17	19.69	30.00	1.00
CH165	5825	19.23	0.17	19.40	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	18.14	0.17	18.31	30.00	1.00
CH157	5785	18.07	0.17	18.24	30.00	1.00
CH165	5825	18.82	0.17	18.99	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	21.79	30.00	1.00
CH157	5785	22.04	30.00	1.00
CH165	5825	22.21	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	24.83	0.52	25.35	30.00	1.00
CH159	5795	25.67	0.52	26.19	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	25.68	0.52	26.20	30.00	1.00
CH159	5795	25.23	0.52	25.75	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	28.81	30.00	1.00
CH159	5795	28.99	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	21.15	0.21	21.36	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	21.97	0.21	22.18	30.00	1.00

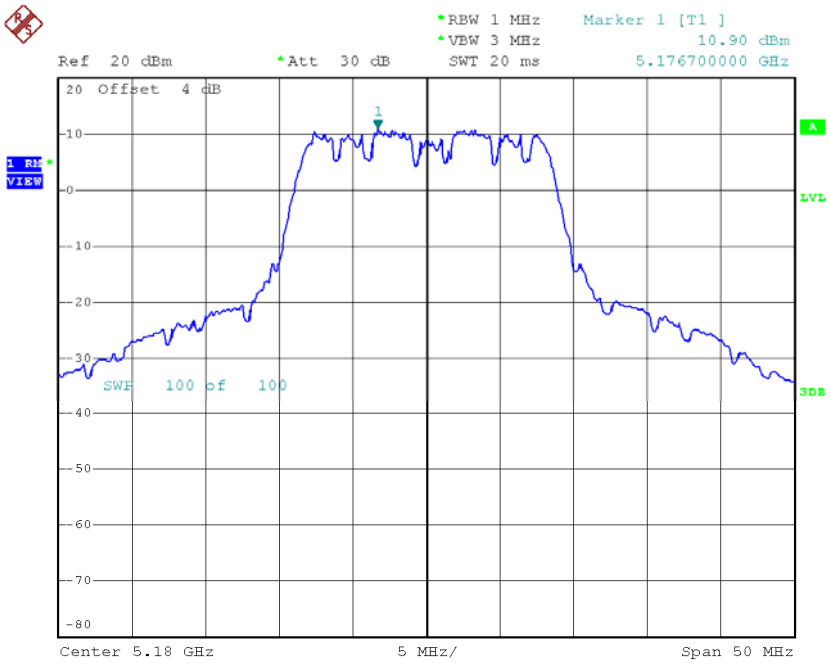
Test Mode: UNII-3/TX AC80 Mode_Total				
Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	24.80	30.00	1.00

ATTACHMENT G - POWER SPECTRAL DENSITY

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

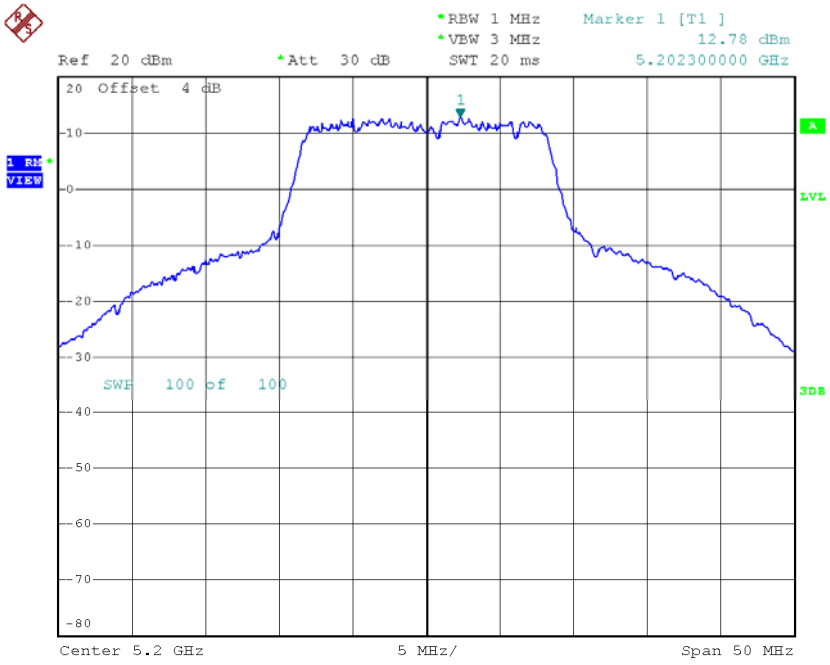
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.90	0.25	11.15	17.00
CH40	5200	12.78	0.25	13.03	17.00
CH48	5240	14.07	0.25	14.32	17.00

CH36



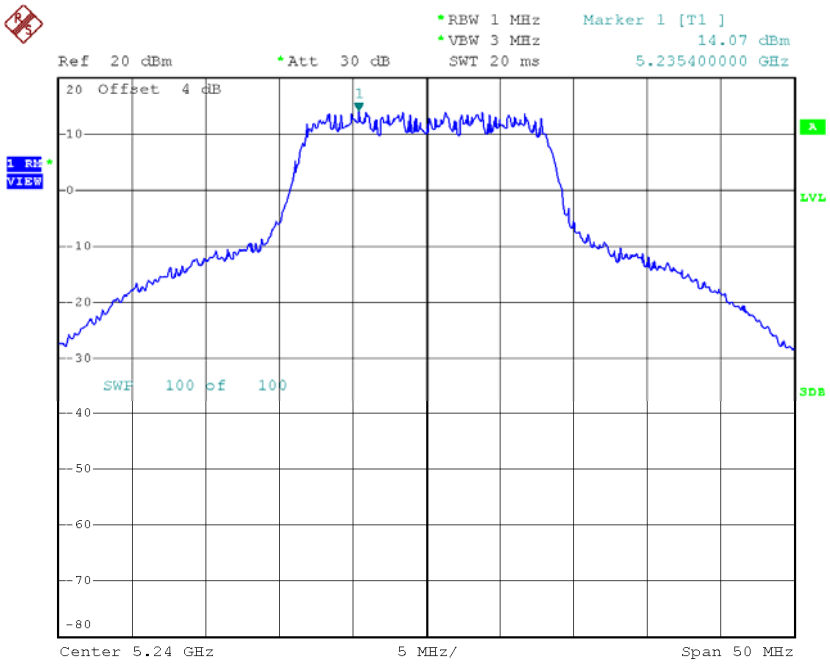
Date: 26.FEB.2017 18:18:51

CH40



Date: 26.FEB.2017 18:19:51

CH48

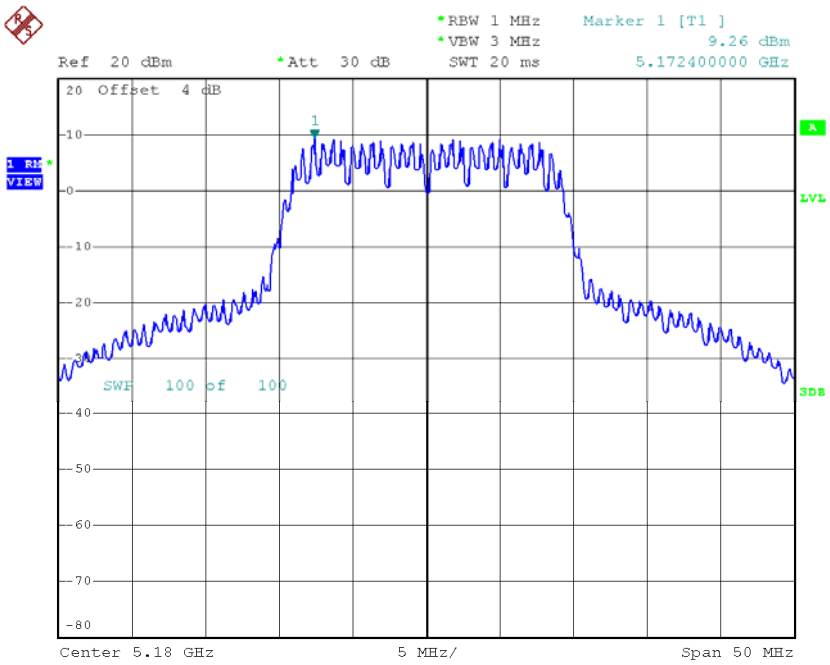


Date: 26.FEB.2017 18:20:32

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

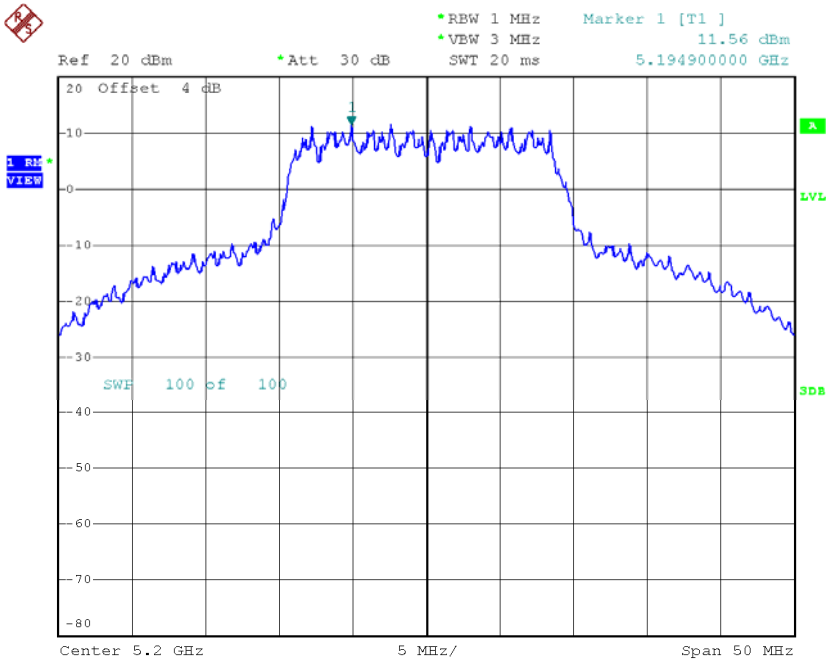
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.26	0.46	9.72	17.00
CH40	5200	11.56	0.46	12.02	17.00
CH48	5240	12.92	0.46	13.38	17.00

CH36



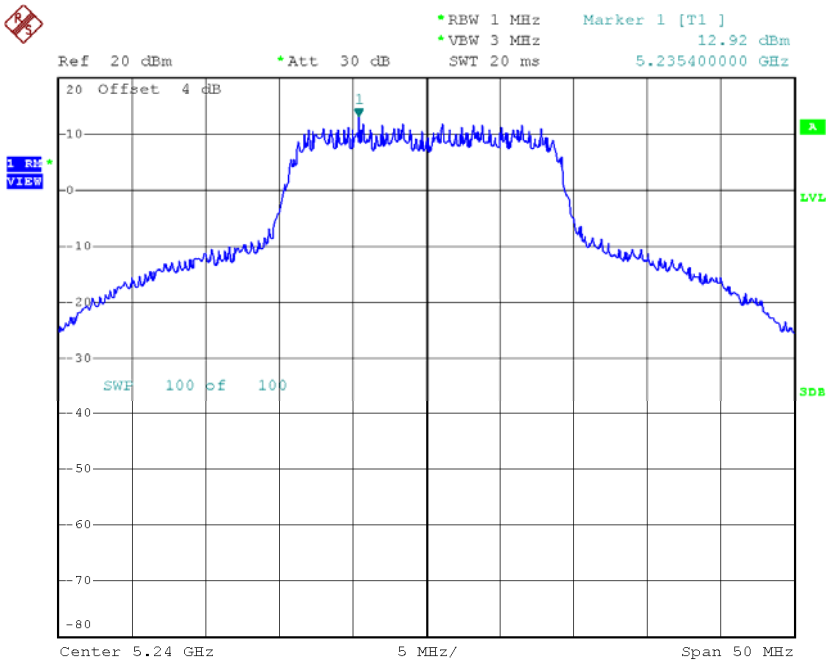
Date: 26.FEB.2017 19:18:33

CH40



Date: 26.FEB.2017 19:19:20

CH48

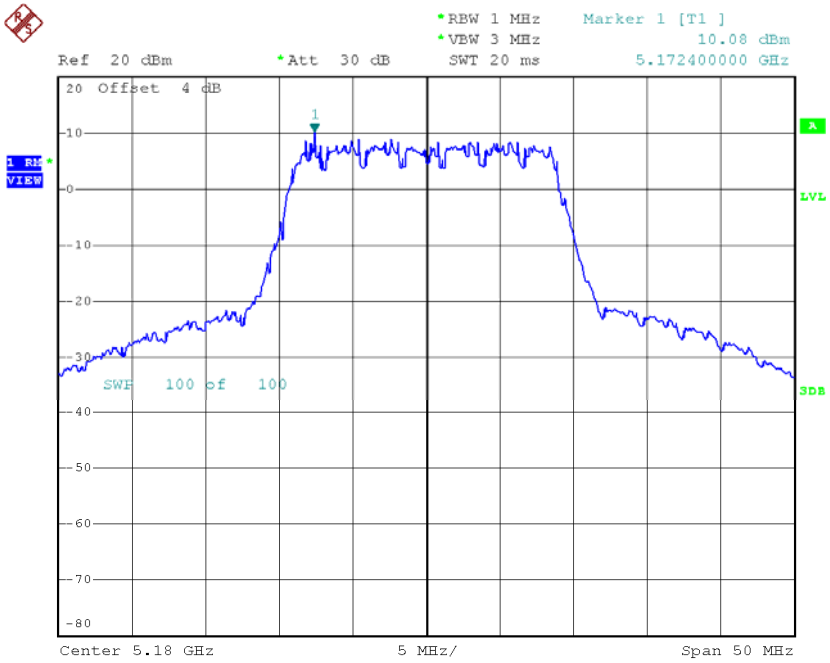


Date: 26.FEB.2017 19:20:00

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

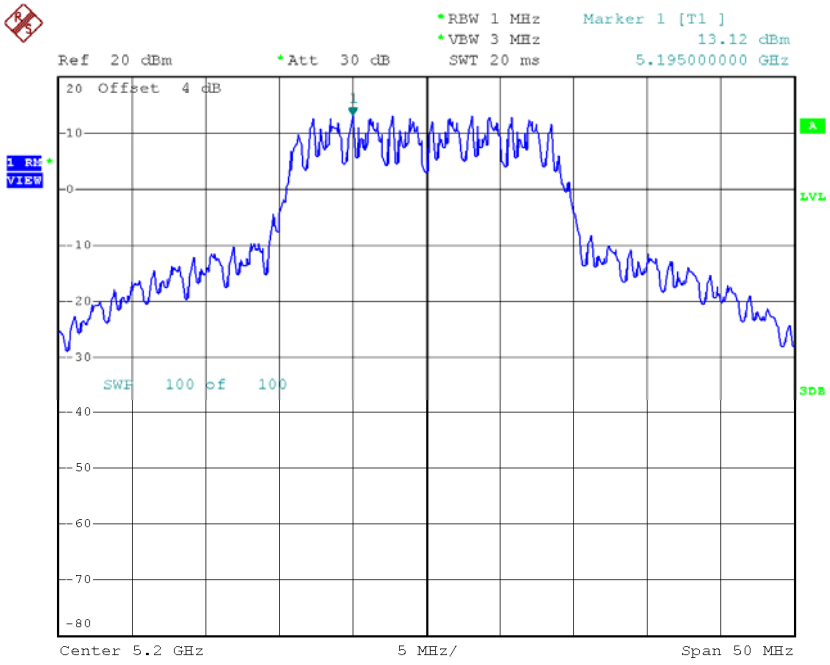
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	10.08	0.46	10.54	17.00
CH40	5200	13.12	0.46	13.58	17.00
CH48	5240	12.81	0.46	13.27	17.00

CH36



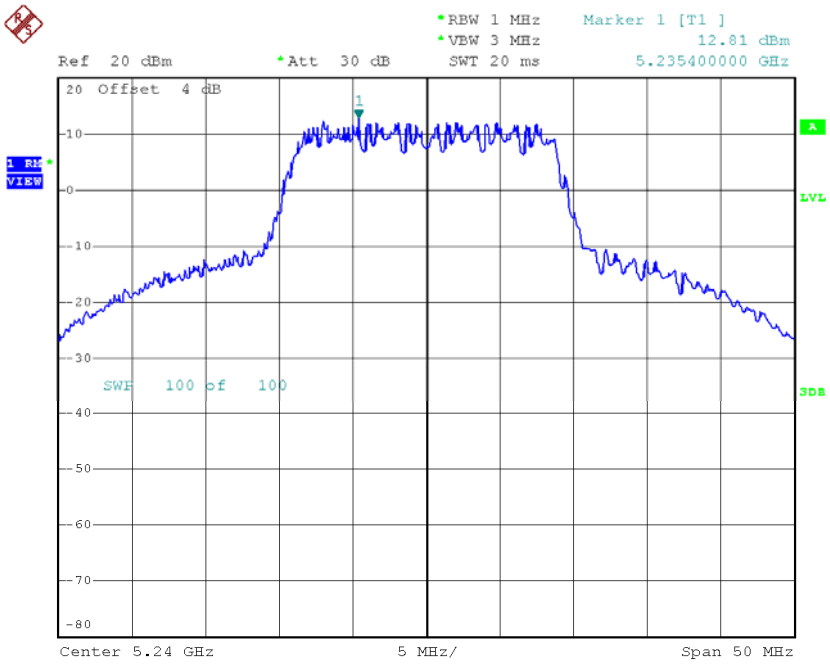
Date: 26.FEB.2017 18:25:08

CH40



Date: 26.FEB.2017 18:25:53

CH48



Date: 26.FEB.2017 18:26:40

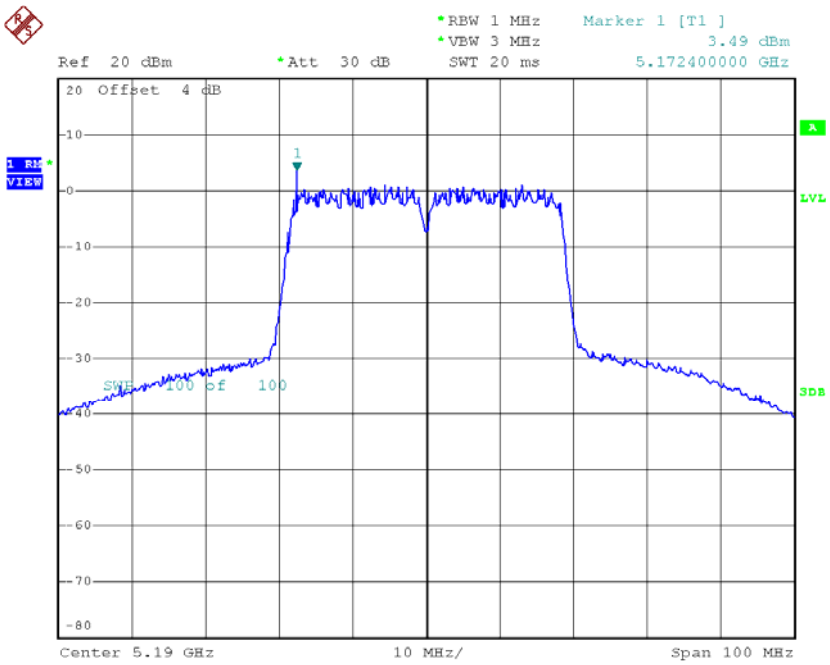
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	13.16	17.00
CH40	5200	15.88	17.00
CH48	5240	16.34	17.00

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 1

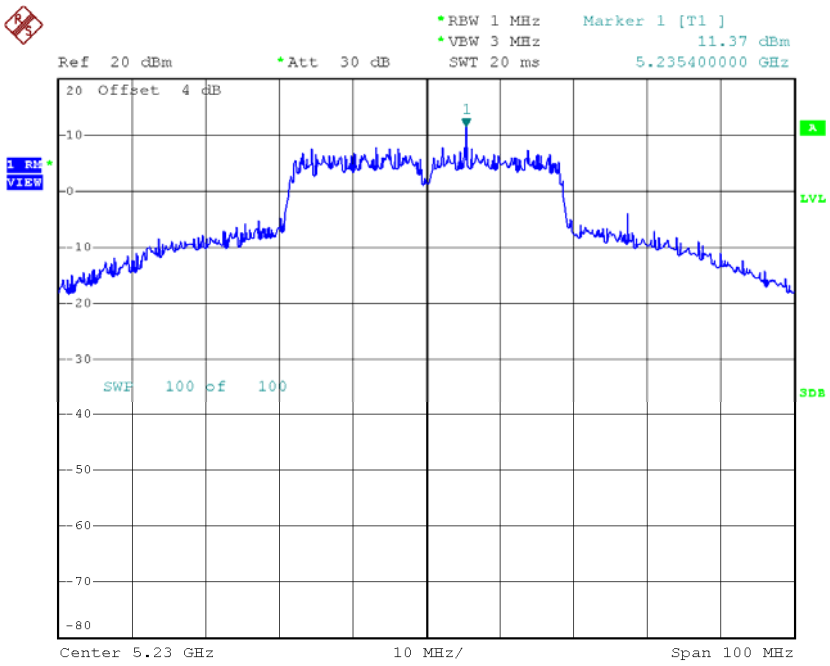
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	3.49	1.11	4.60	17.00
CH46	5230	11.37	1.11	12.48	17.00

CH38



Date: 26.FEB.2017 19:30:52

CH46

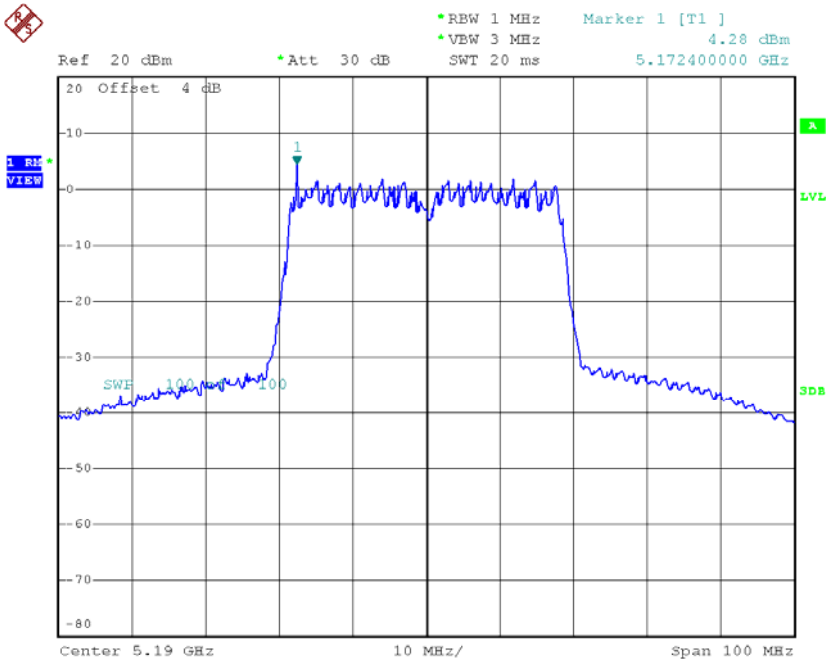


Date: 26.FEB.2017 19:32:20

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2

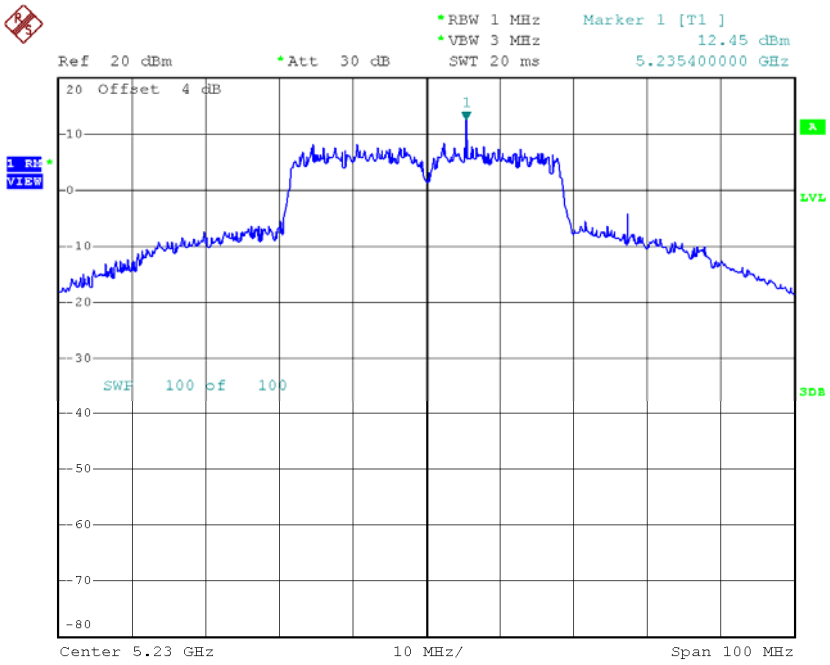
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.28	1.11	5.39	17.00
CH46	5230	12.45	1.11	13.56	17.00

CH38



Date: 26.FEB.2017 18:40:04

CH46



Date: 26.FEB.2017 18:42:00

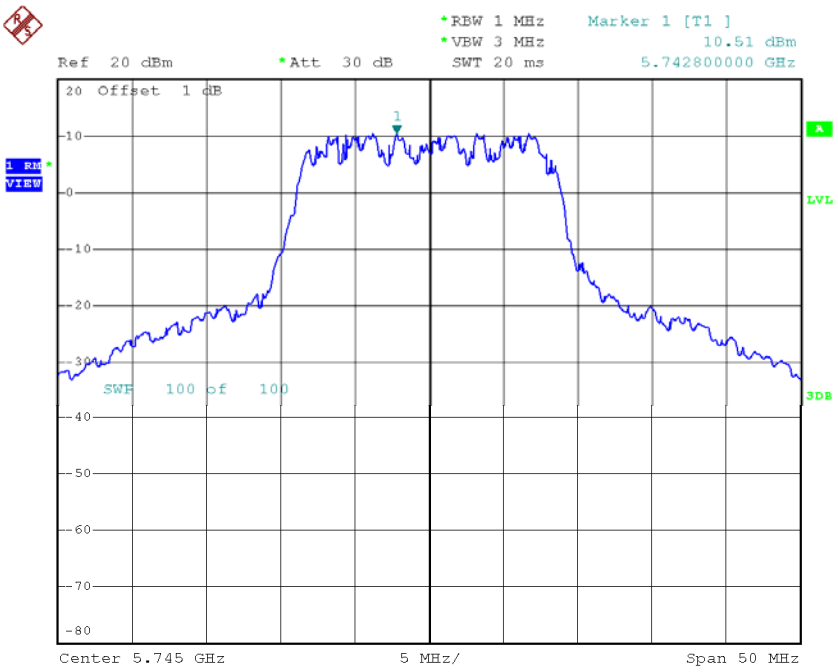
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	8.02	17.00
CH46	5230	16.06	17.00

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

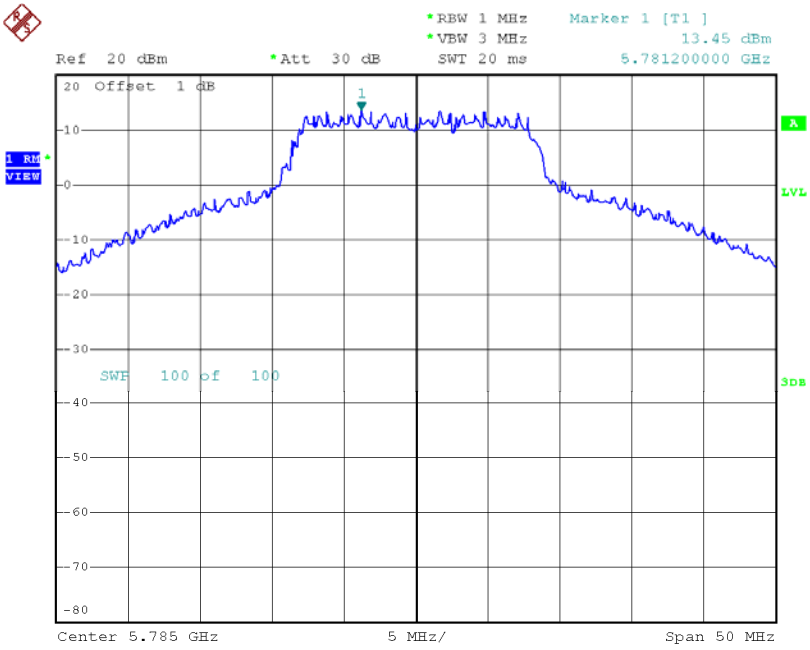
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.51	0.25	10.76	30.00
CH157	5785	13.45	0.25	13.70	30.00
CH165	5825	13.86	0.25	14.11	30.00

TX CH149



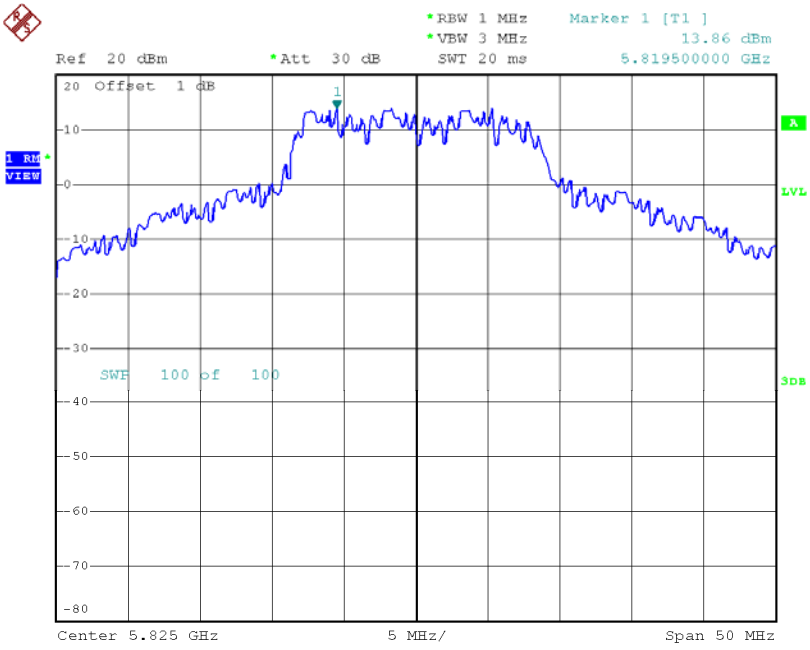
Date: 26.FEB.2017 18:21:30

TX CH157



Date: 26.FEB.2017 18:22:34

TX CH165

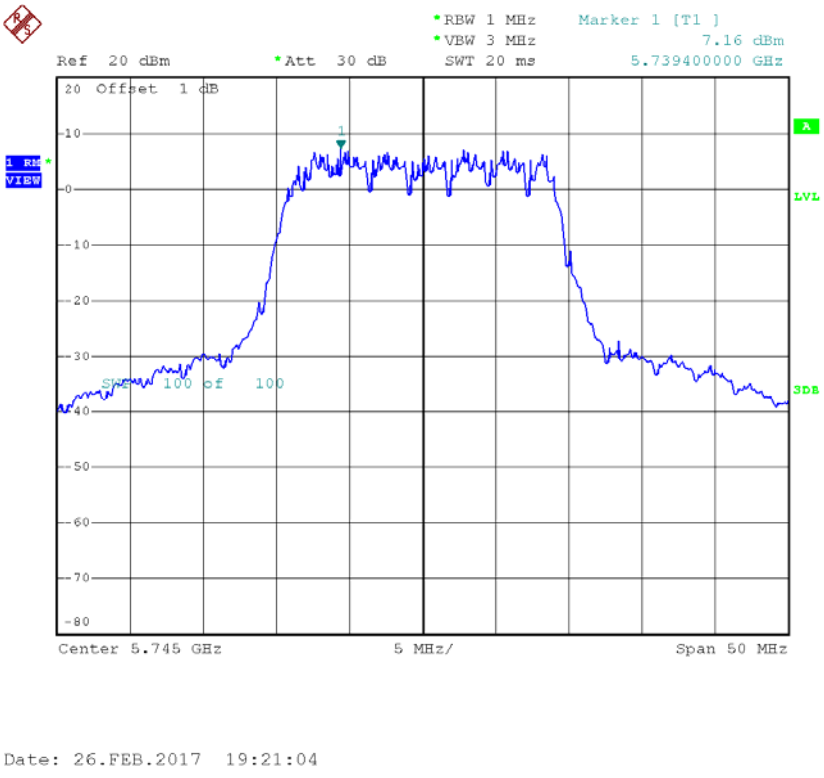


Date: 26.FEB.2017 18:23:31

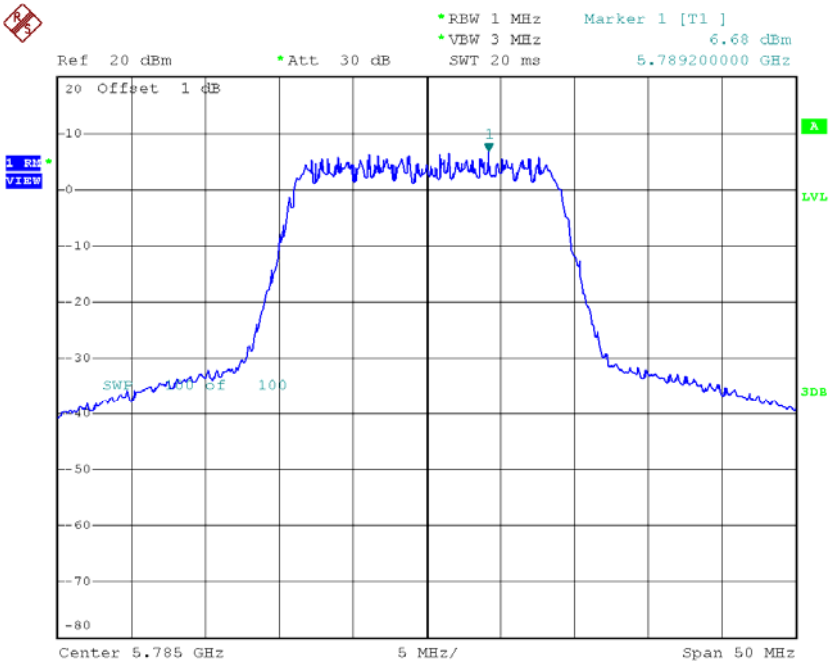
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	7.16	0.46	7.62	30.00
CH157	5785	6.68	0.46	7.14	30.00
CH165	5825	6.47	0.46	6.93	30.00

TX CH149

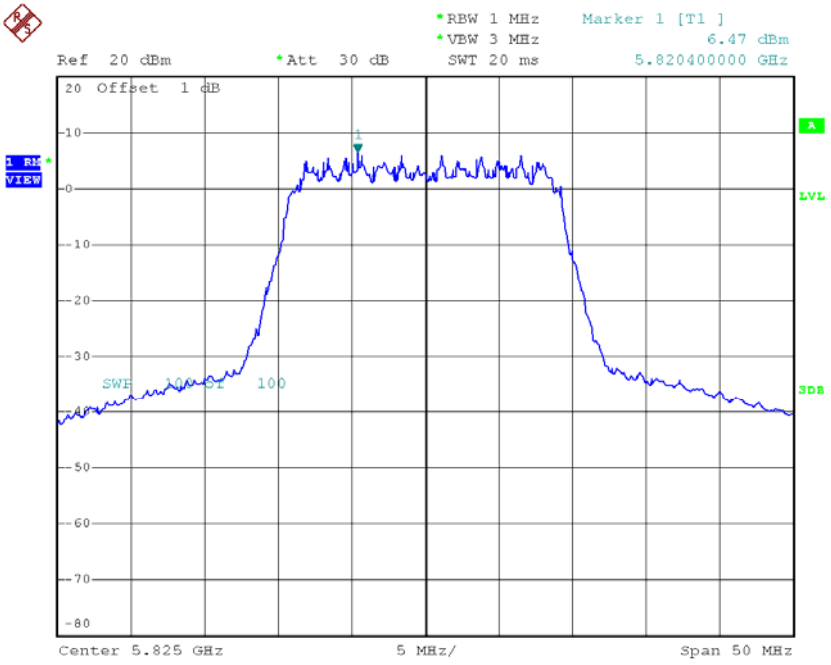


TX CH157



Date: 26.FEB.2017 19:22:09

TX CH165

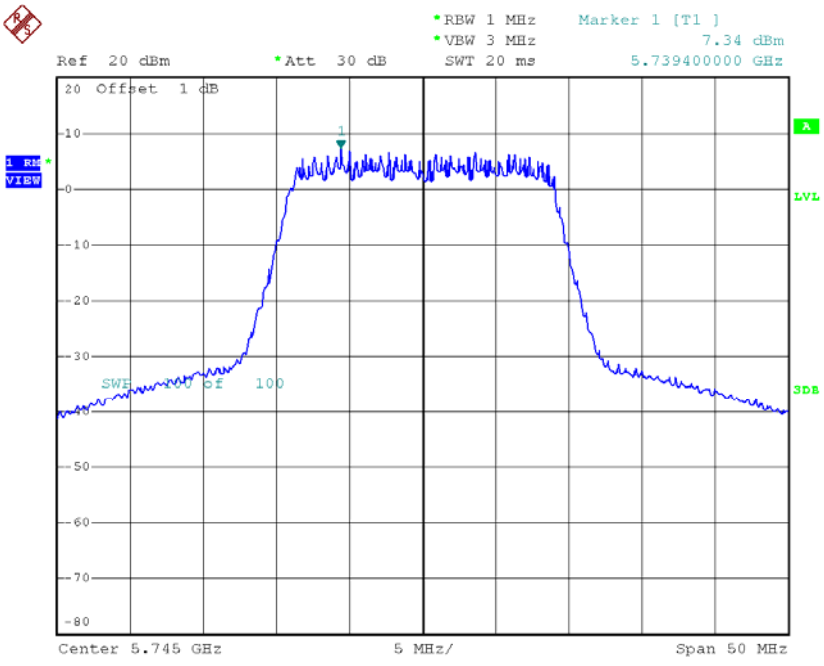


Date: 26.FEB.2017 19:23:06

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 2

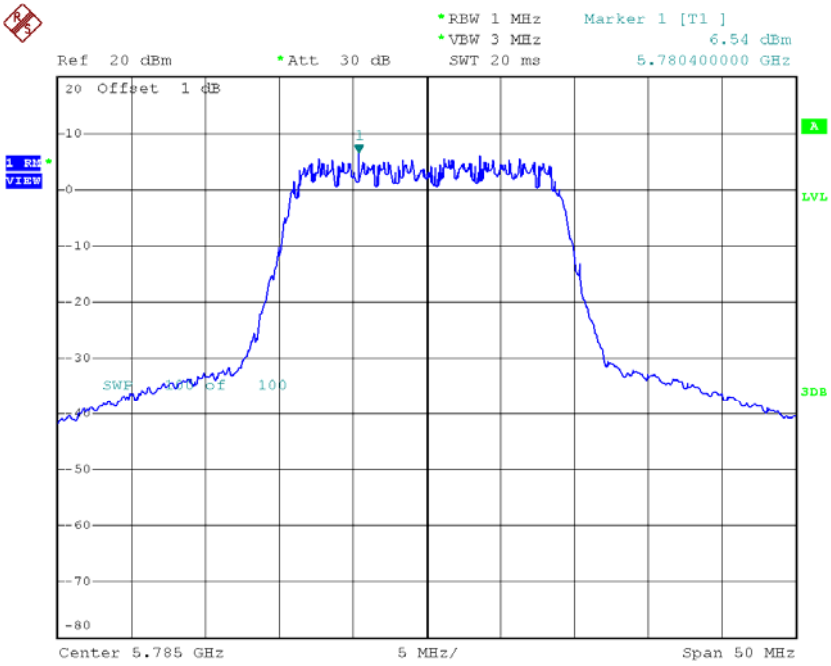
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	7.34	0.46	7.80	30.00
CH157	5785	6.54	0.46	7.00	30.00
CH165	5825	5.77	0.46	6.23	30.00

TX CH149



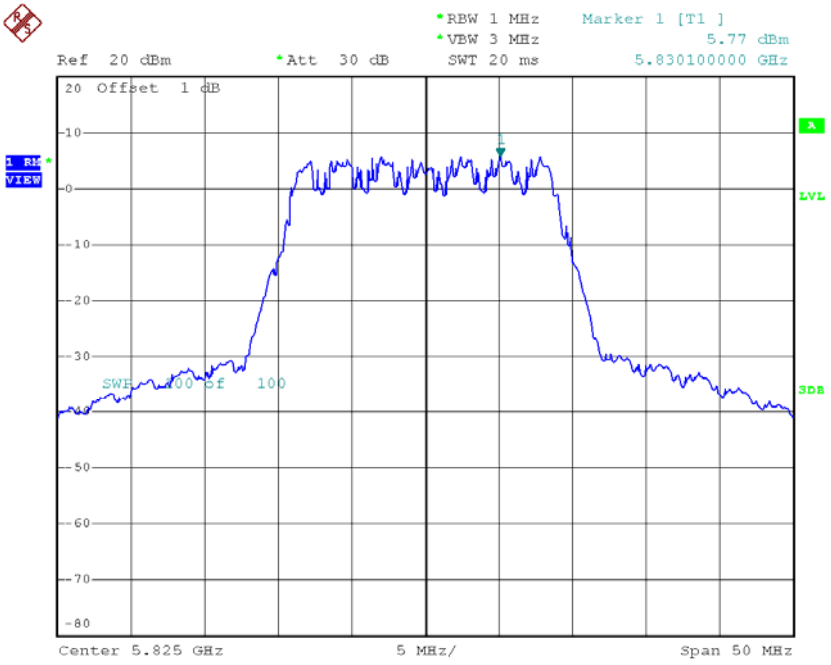
Date: 26.FEB.2017 18:27:43

TX CH157



Date: 26.FEB.2017 18:28:41

TX CH165



Date: 26.FEB.2017 18:29:40

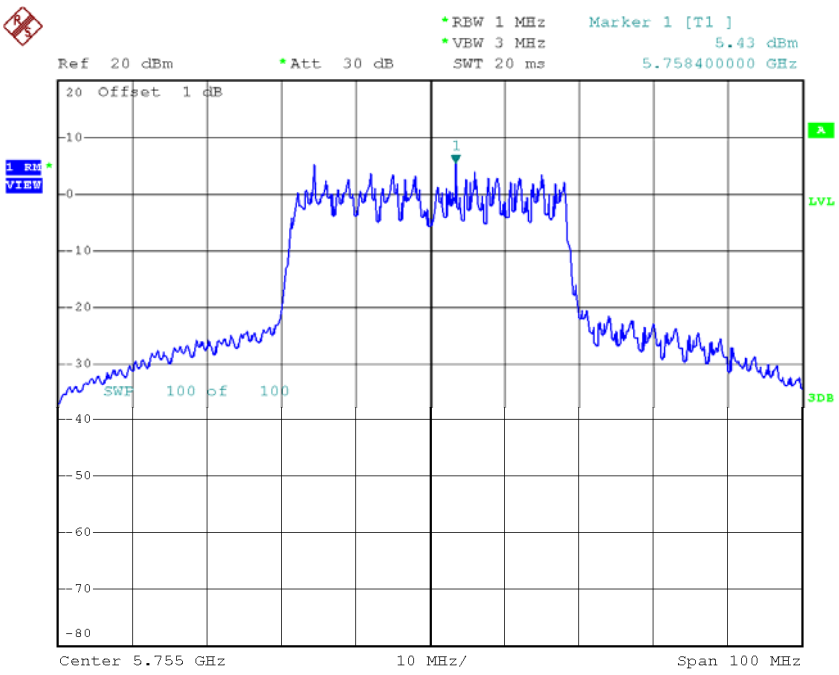
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	10.72	30.00
CH157	5785	10.08	30.00
CH165	5825	9.60	30.00

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 1

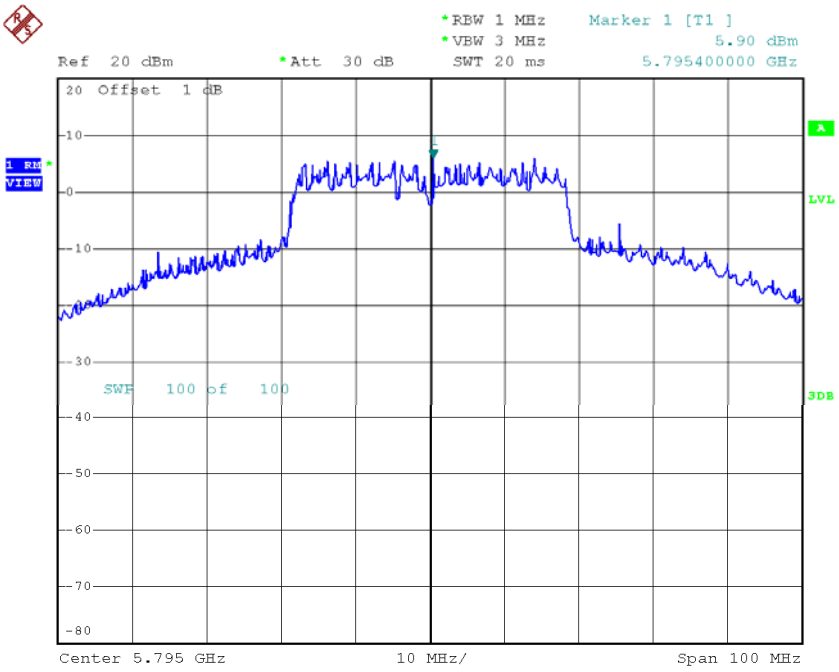
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	5.43	1.11	6.54	30.00
CH159	5795	5.90	1.11	7.01	30.00

TX CH151



Date: 26.FEB.2017 19:33:45

TX CH159

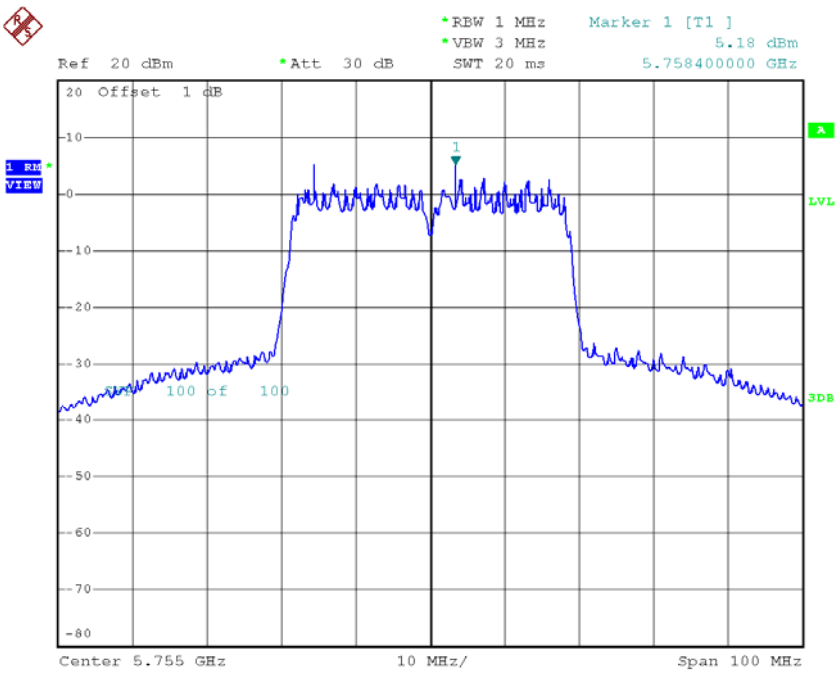


Date: 26.FEB.2017 19:34:46

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 2

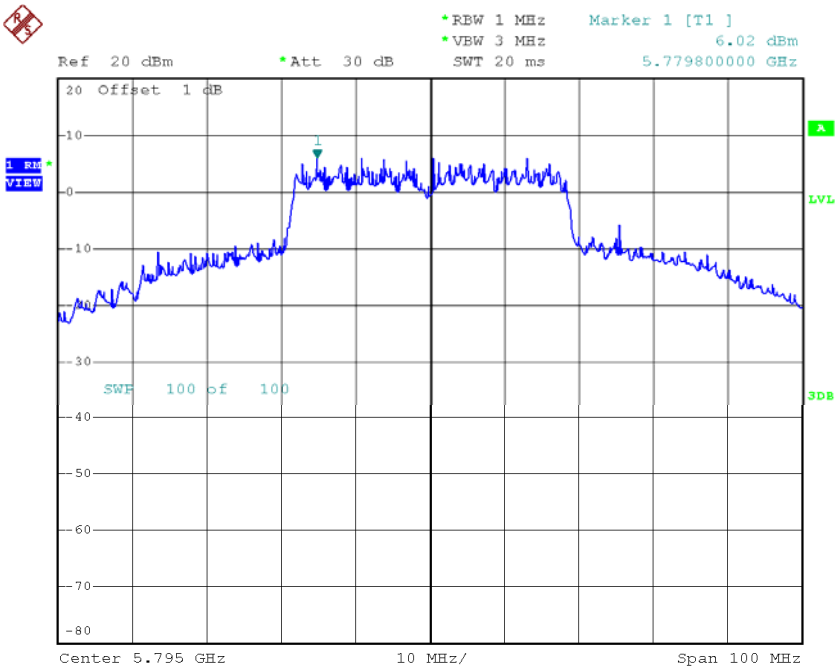
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	5.18	1.11	6.29	30.00
CH159	5795	6.02	1.11	7.13	30.00

TX CH151



Date: 26.FEB.2017 18:43:59

TX CH159



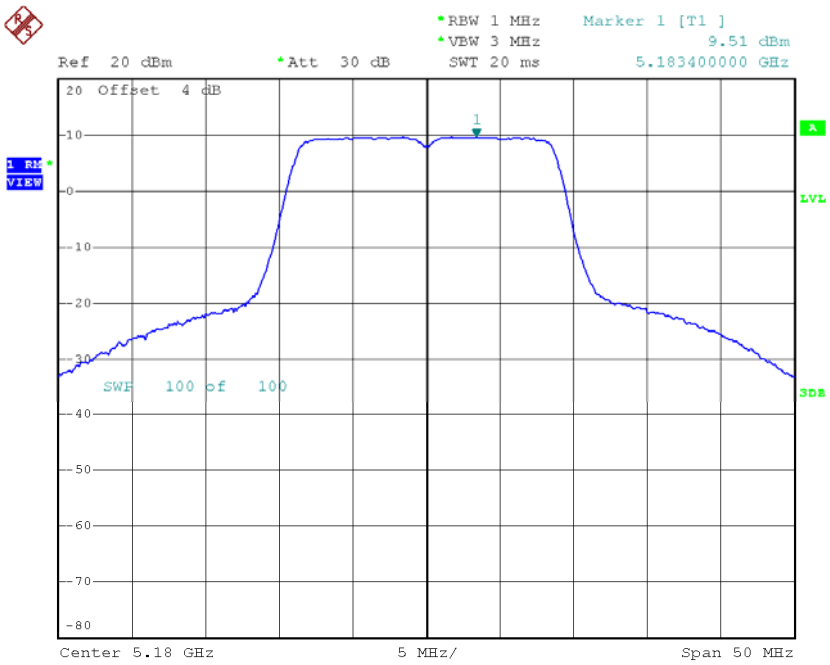
Date: 26.FEB.2017 18:45:03

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	9.43	30.00
CH159	5795	10.08	30.00

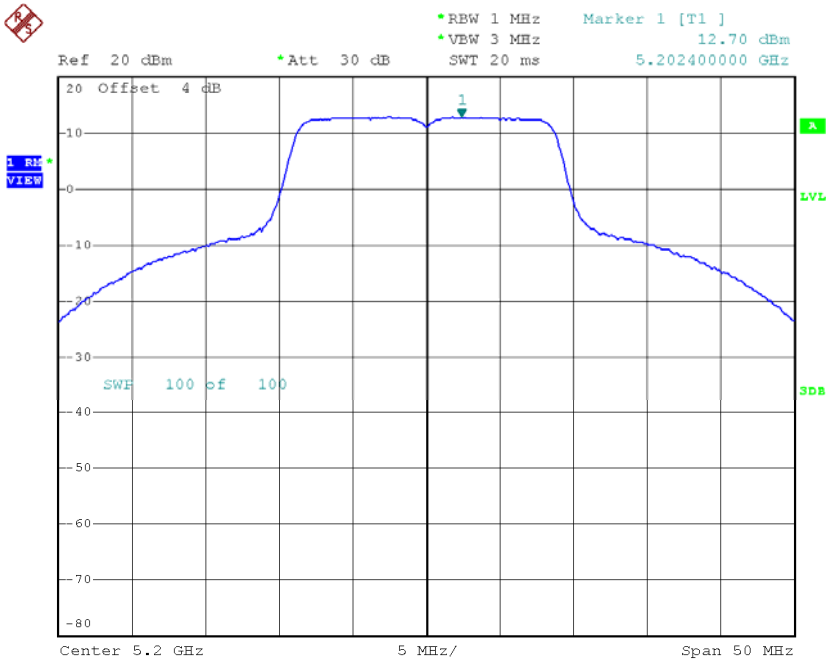
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.51	0.17	9.68	17.00
CH40	5200	12.70	0.17	12.87	17.00
CH48	5240	13.46	0.17	13.63	17.00

CH36



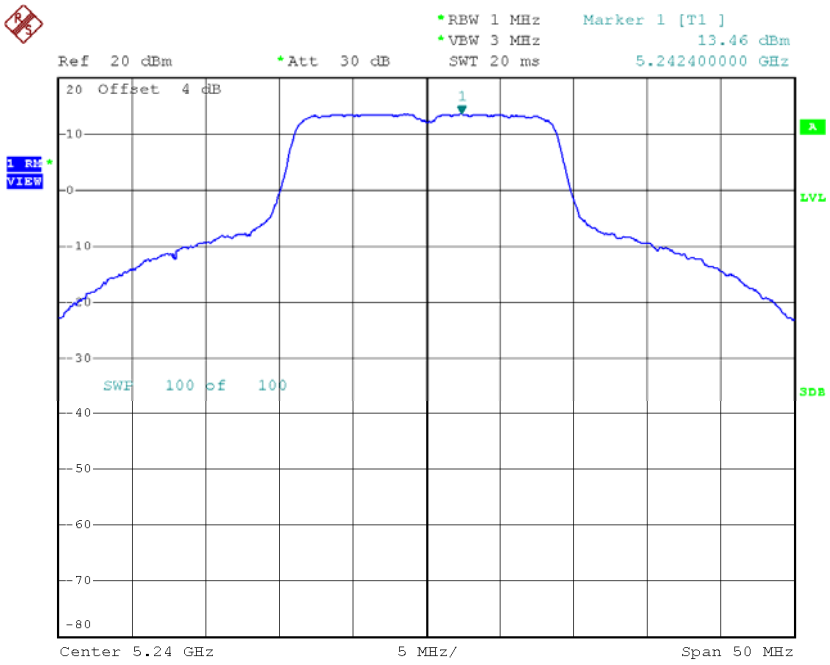
Date: 26.FEB.2017 19:24:37

CH40



Date: 26.FEB.2017 19:25:19

CH48

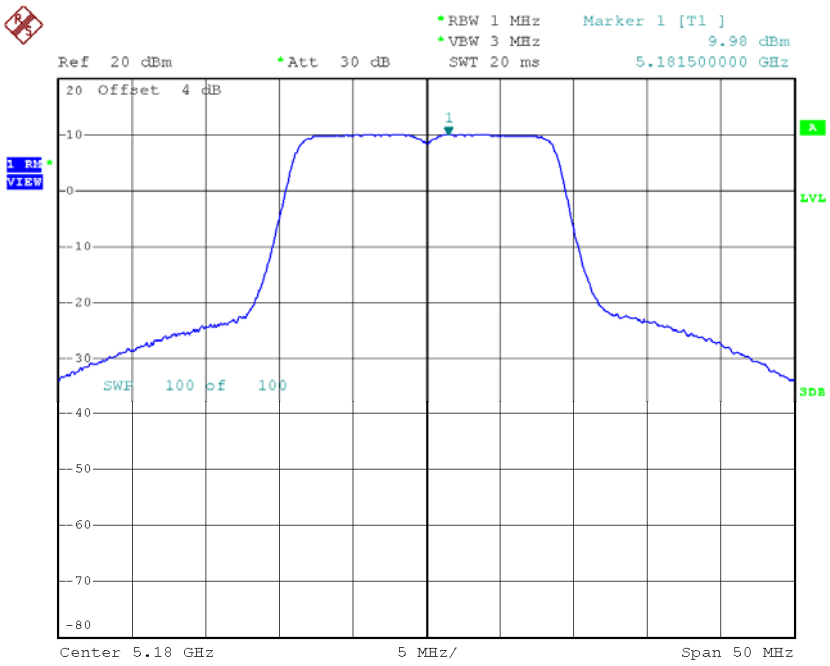


Date: 26.FEB.2017 19:26:22

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

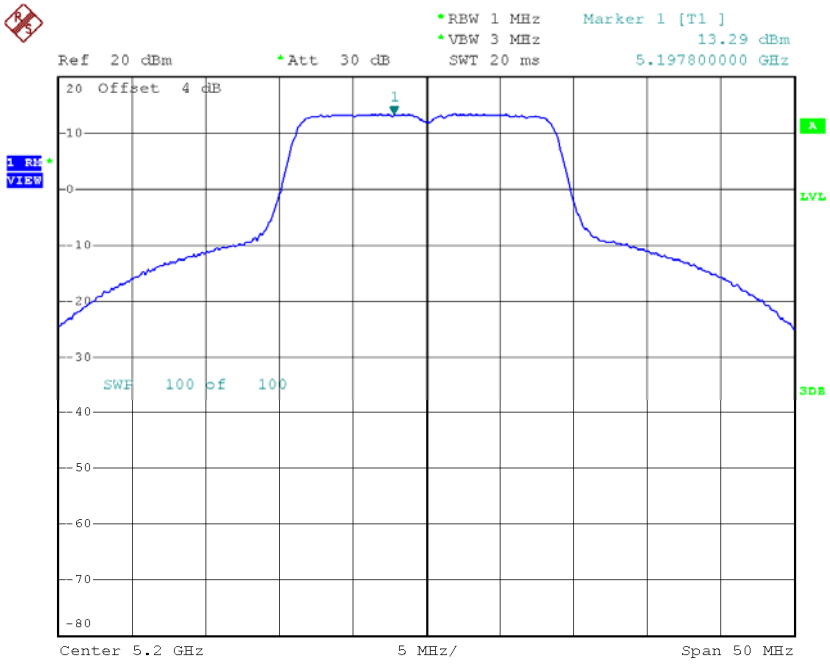
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	9.98	0.17	10.15	17.00
CH40	5200	13.29	0.17	13.46	17.00
CH48	5240	13.98	0.17	14.15	17.00

CH36



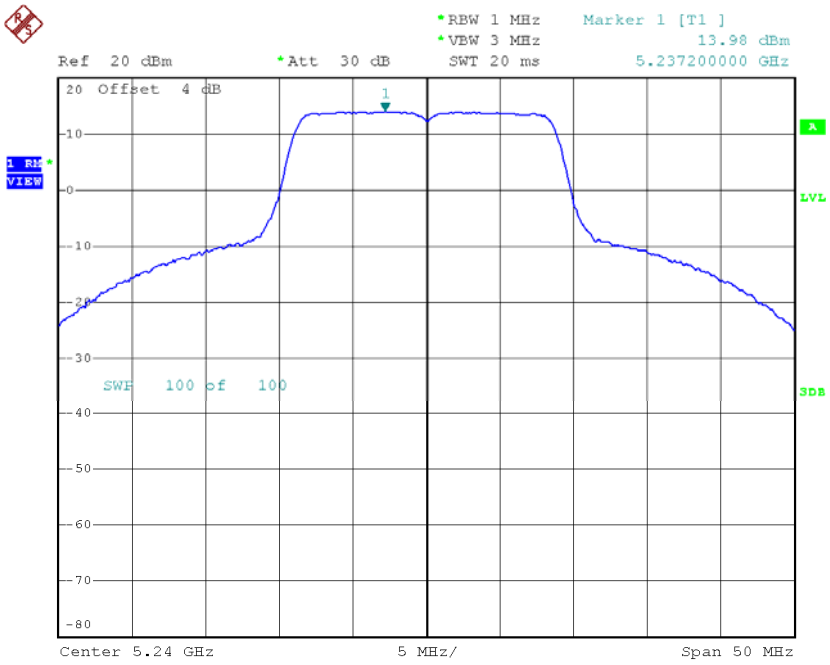
Date: 26.FEB.2017 18:33:25

CH40



Date: 26.FEB.2017 18:34:12

CH48



Date: 26.FEB.2017 18:35:00

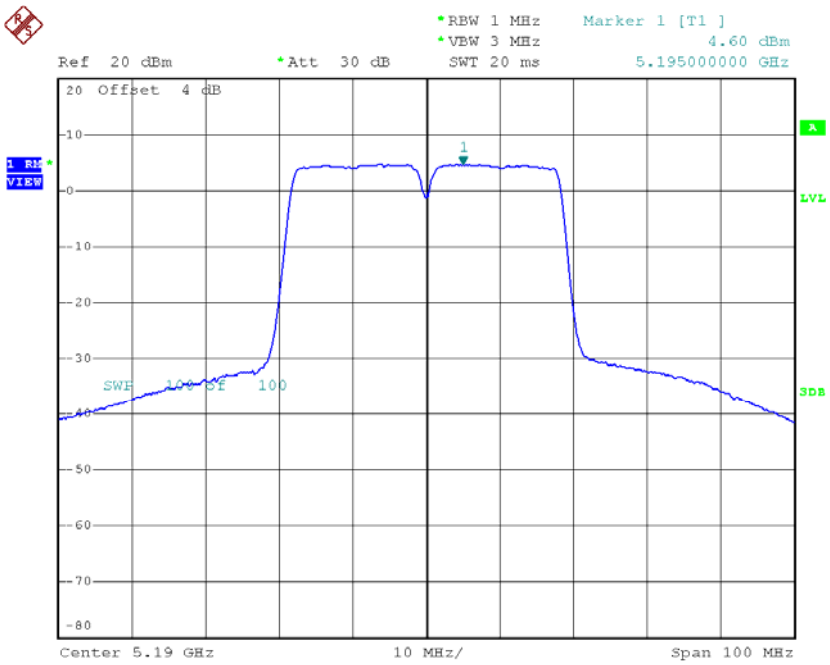
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total			

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	12.93	17.00
CH40	5200	16.19	17.00
CH48	5240	16.91	17.00

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 1

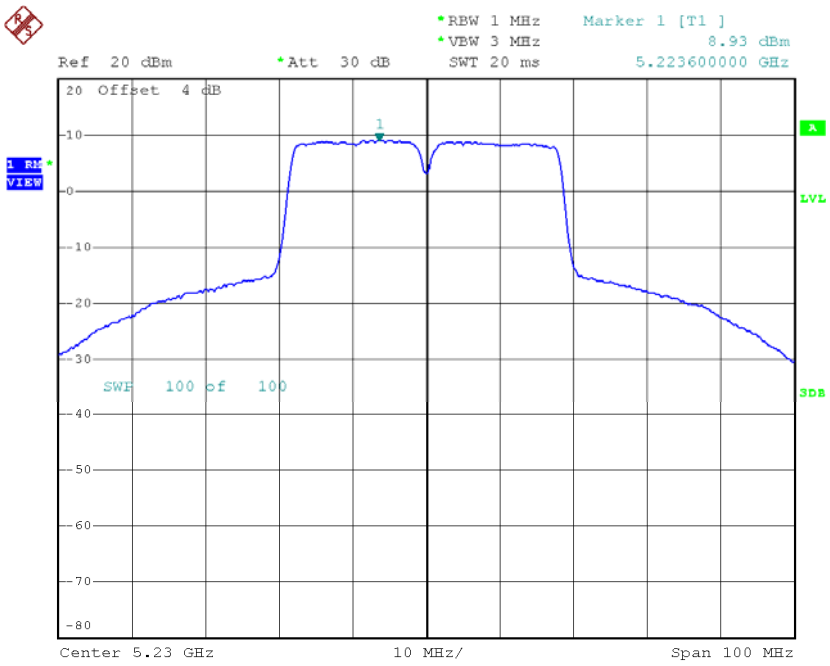
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.60	0.52	5.12	17.00
CH46	5230	8.93	0.52	9.45	17.00

CH38



Date: 26.FEB.2017 19:36:47

CH46

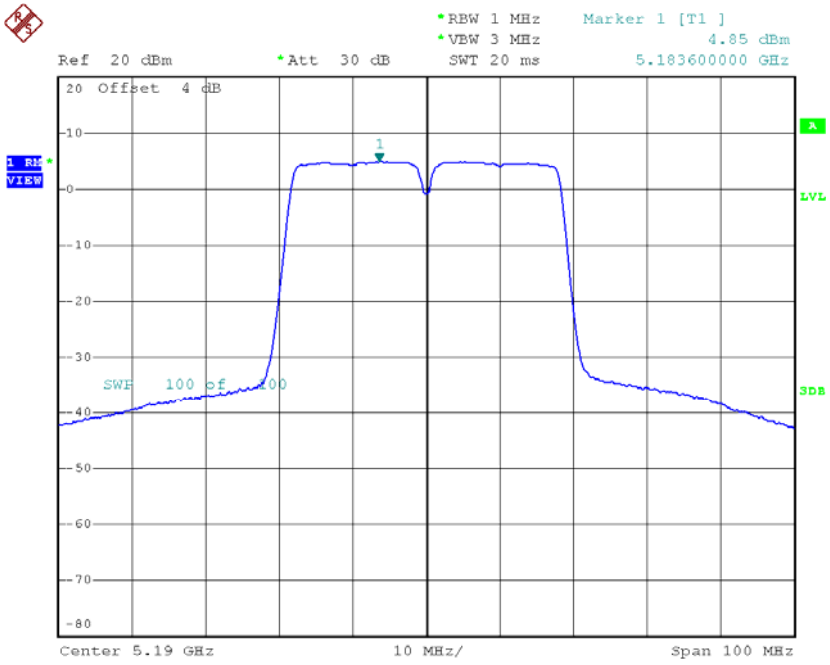


Date: 26.FEB.2017 19:37:39

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 2

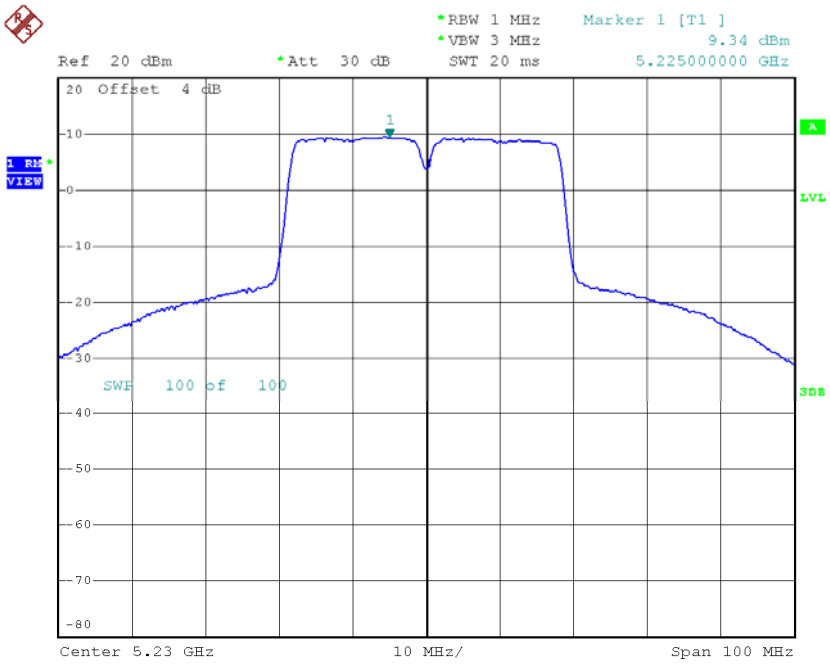
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	4.85	0.52	5.37	17.00
CH46	5230	9.34	0.52	9.86	17.00

CH38



Date: 26.FEB.2017 18:46:44

CH46



Date: 26.FEB.2017 18:47:41

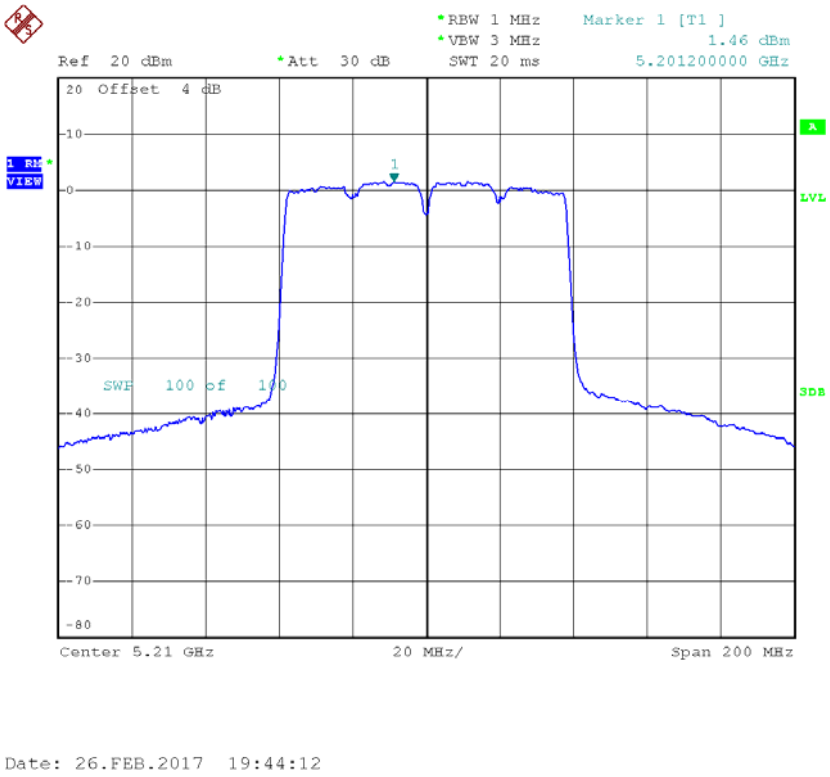
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	8.26	17.00
CH46	5230	12.67	17.00

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

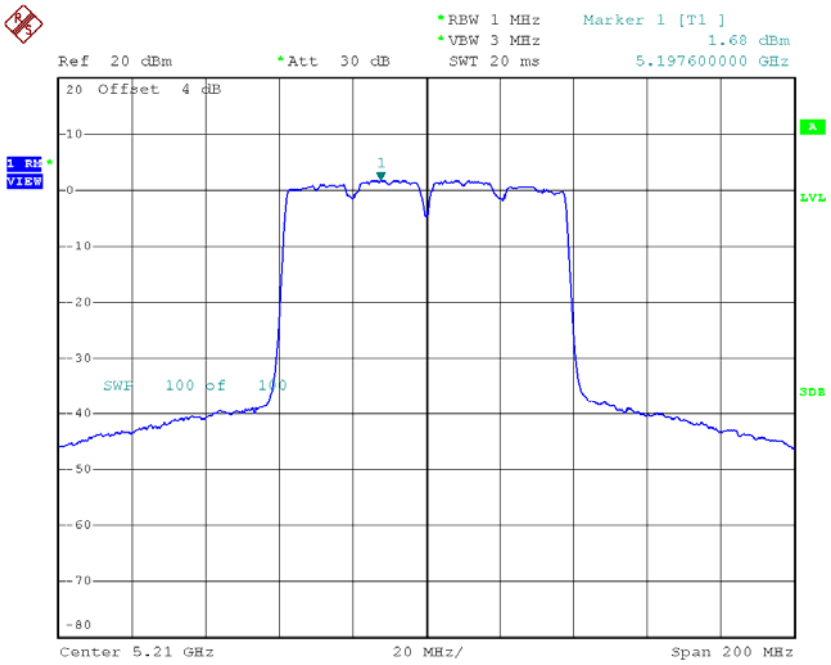
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	1.46	0.21	1.67	17.00

CH42



Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 2					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	1.68	0.21	1.89	17.00

CH42



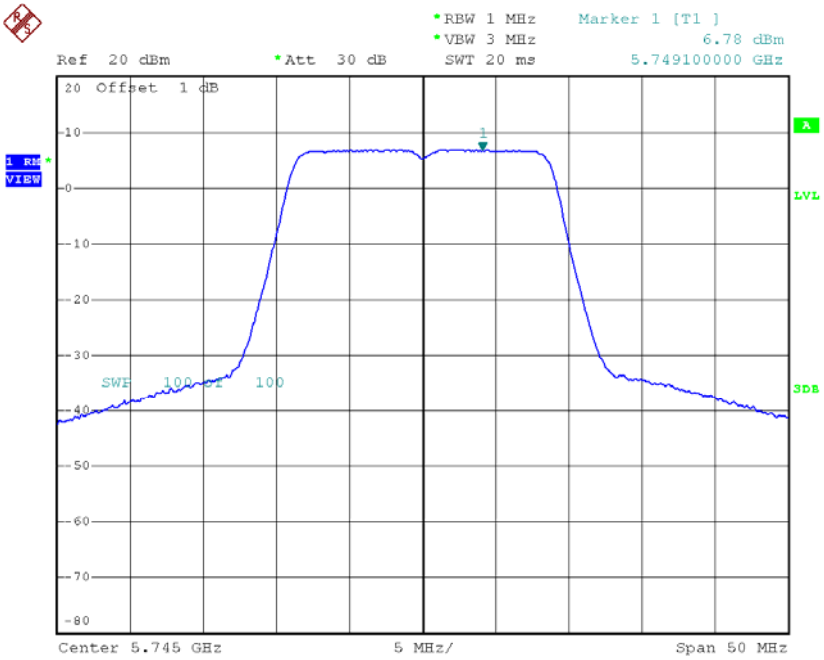
Date: 26.FEB.2017 18:58:49

Test Mode: UNII-1/TX AC80 Mode_CH42_Total			
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	4.79	17.00

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 1

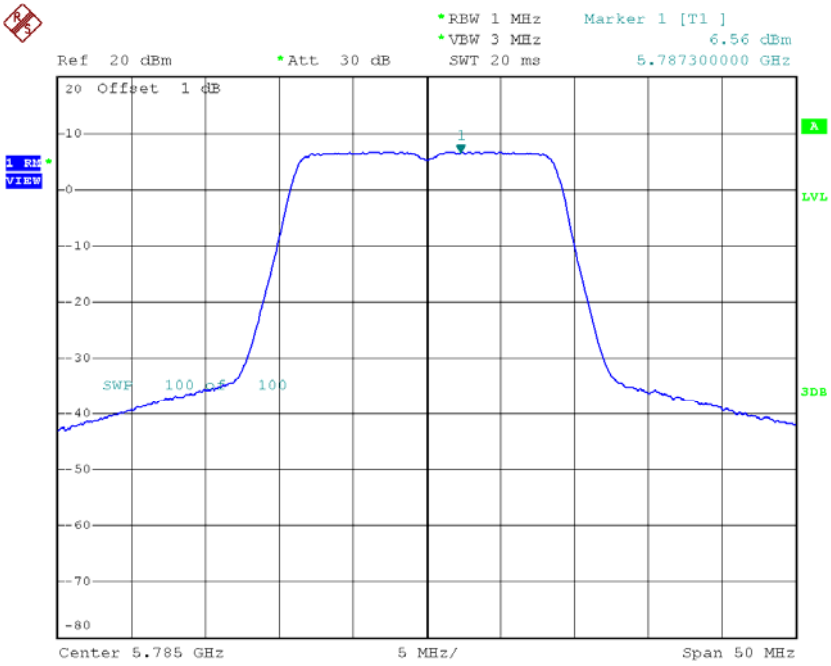
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	6.78	0.17	6.95	30.00
CH157	5785	6.56	0.17	6.73	30.00
CH165	5825	6.38	0.17	6.55	30.00

TX CH149



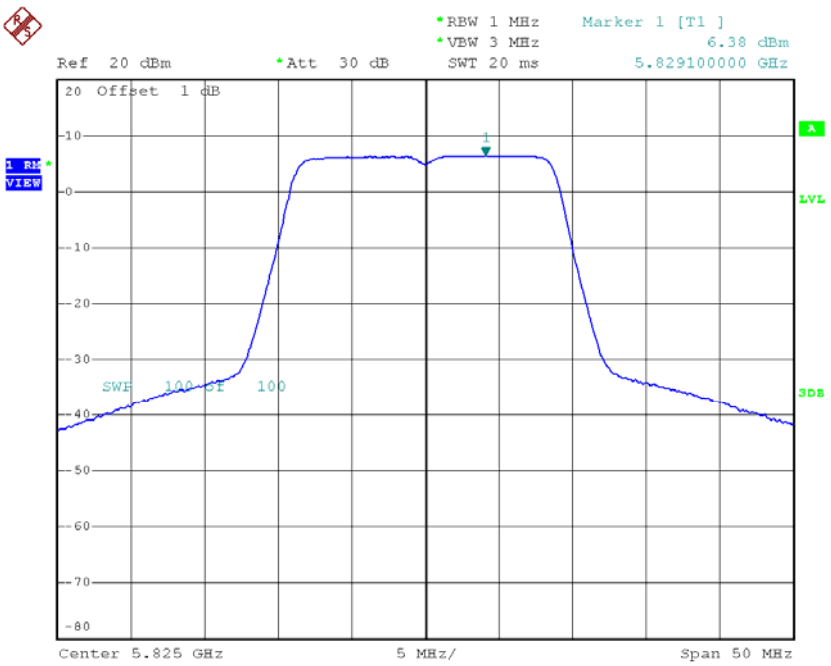
Date: 26.FEB.2017 19:27:26

TX CH157



Date: 26.FEB.2017 19:28:25

TX CH165

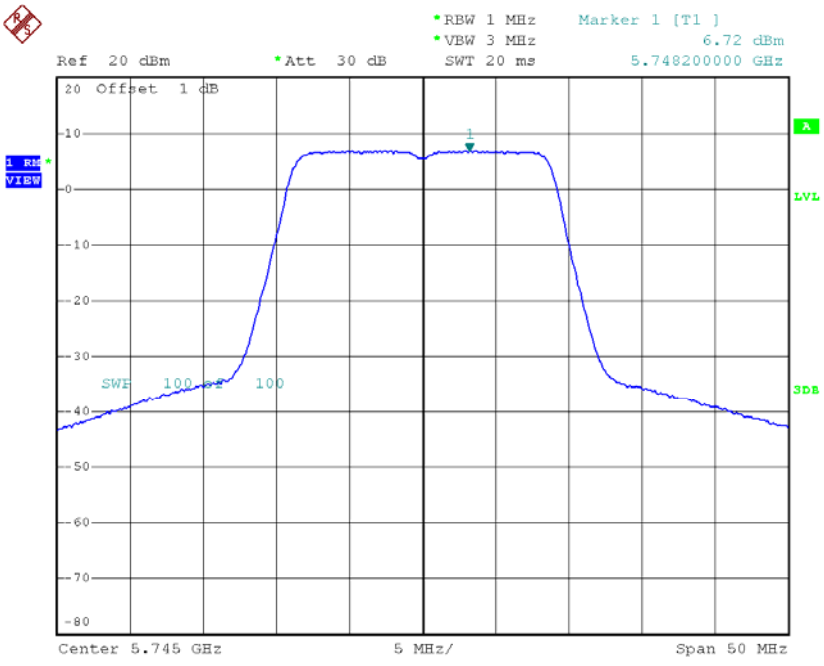


Date: 26.FEB.2017 19:29:20

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 2

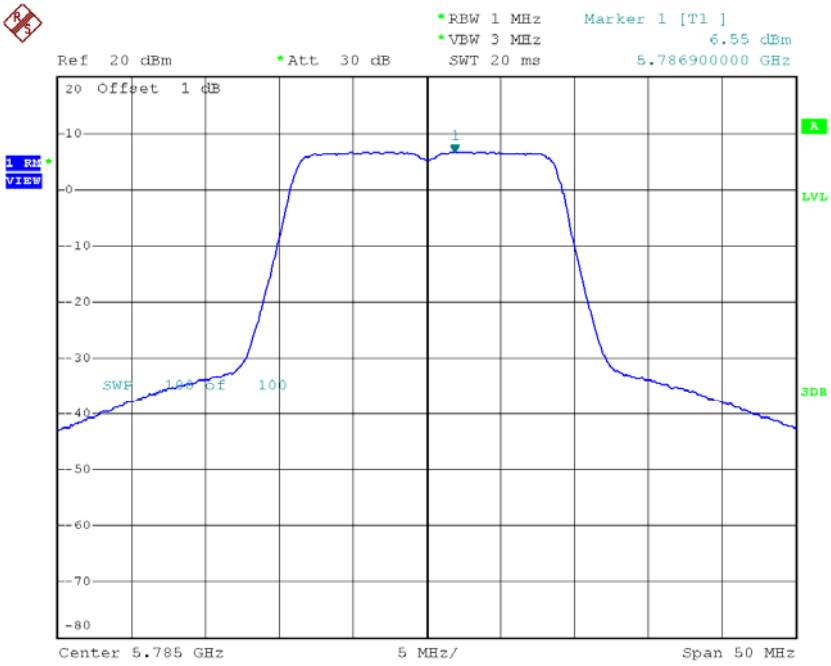
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	6.72	0.17	6.89	30.00
CH157	5785	6.55	0.17	6.72	30.00
CH165	5825	6.50	0.17	6.67	30.00

TX CH149



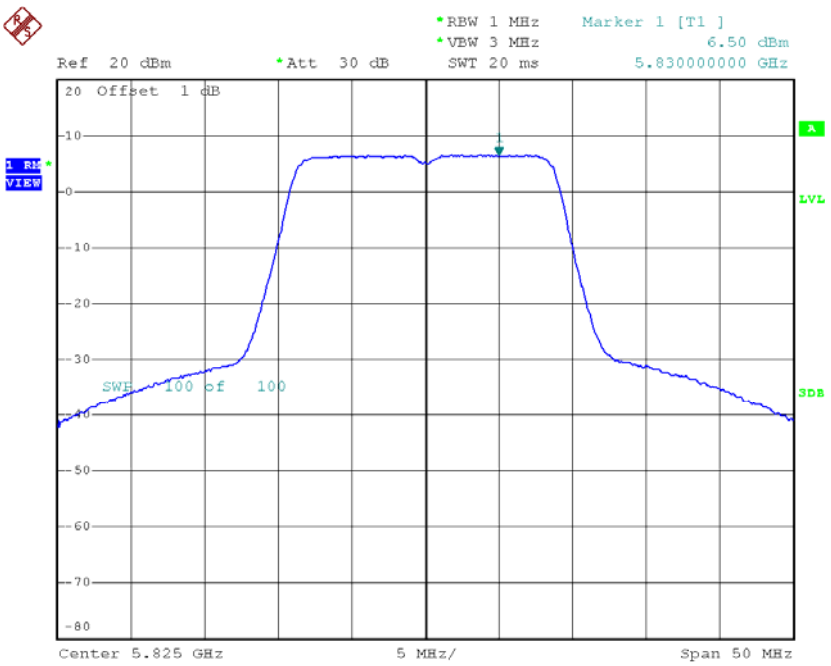
Date: 26.FEB.2017 18:36:09

TX CH157



Date: 26.FEB.2017 18:37:02

TX CH165



Date: 26.FEB.2017 18:38:02

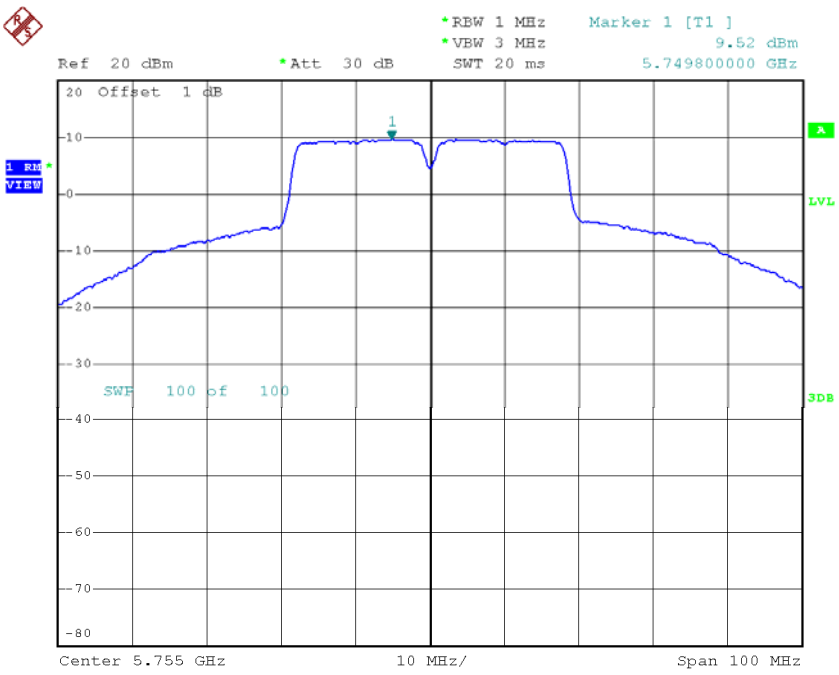
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	9.93	30.00
CH157	5785	9.74	30.00
CH165	5825	9.62	30.00

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 1

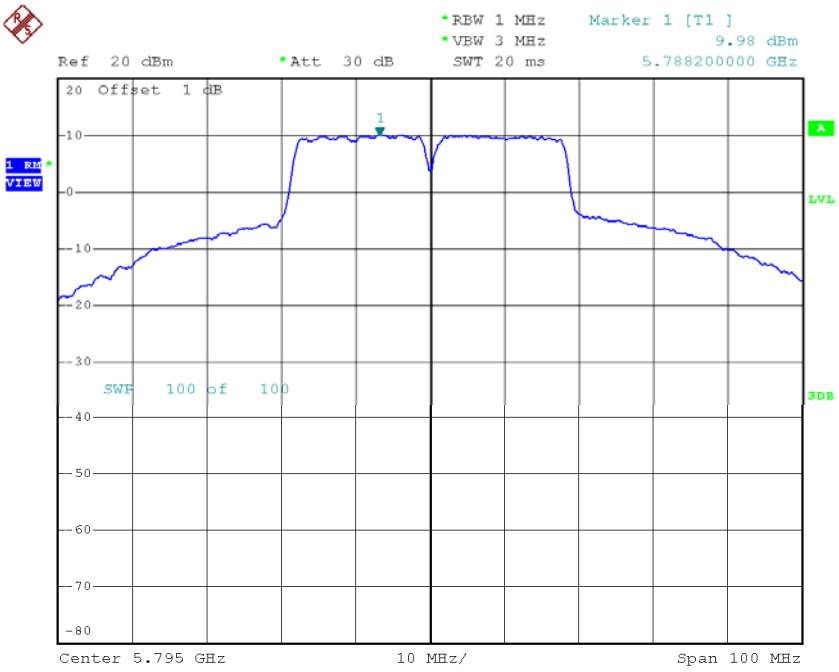
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	9.52	0.52	10.04	30.00
CH159	5795	9.98	0.52	10.50	30.00

TX CH151



Date: 26.FEB.2017 19:38:44

TX CH159

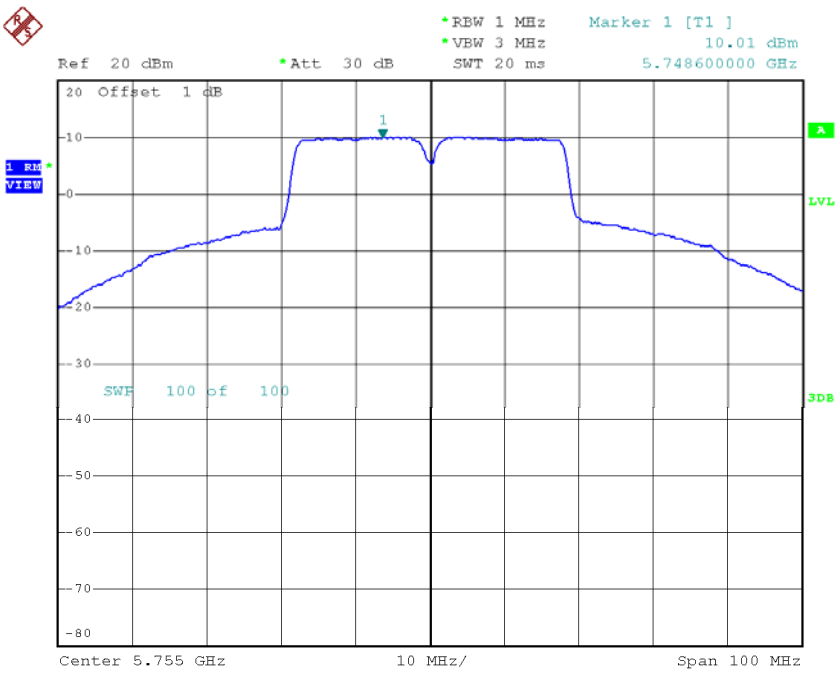


Date: 26.FEB.2017 19:39:40

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 2

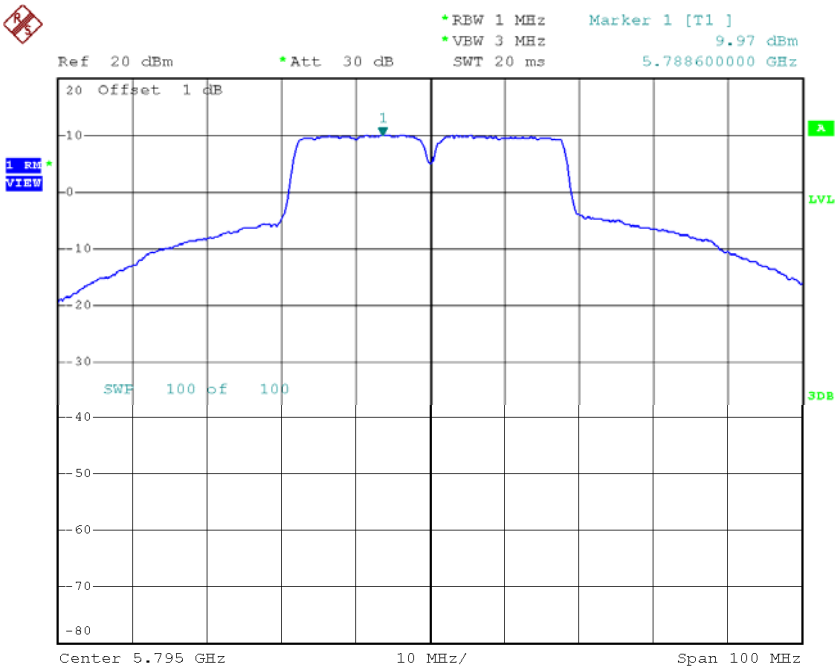
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	10.01	0.52	10.53	30.00
CH159	5795	9.97	0.52	10.49	30.00

TX CH151



Date: 26.FEB.2017 18:48:48

TX CH159



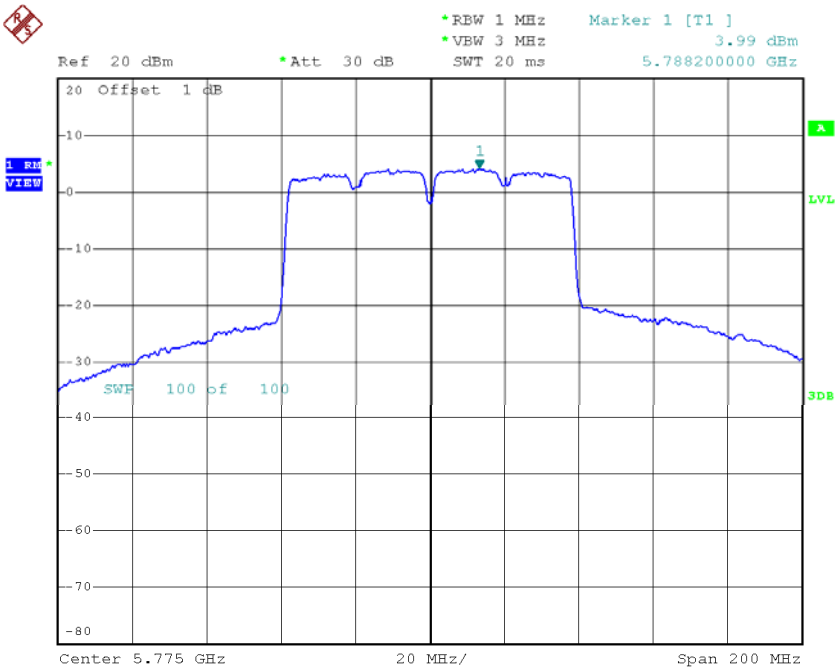
Date: 26.FEB.2017 18:49:49

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total			

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	13.30	30.00
CH159	5795	13.51	30.00

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 1					
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	3.99	0.21	4.20	30.00

TX CH155

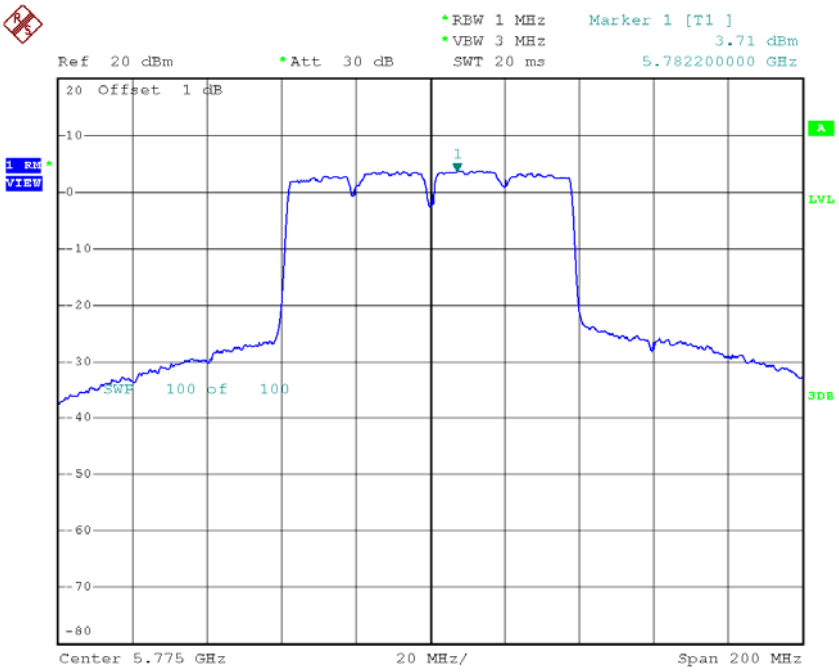


Date: 26.FEB.2017 19:45:20

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	3.71	0.21	3.92	30.00

TX CH155



Date: 26.FEB.2017 18:59:55

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total			
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	7.07	30.00

ATTACHMENT H-FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0044
120	5180.0032
108	5180.0024
Max. Deviation (MHz)	0.0044
Max. Deviation (ppm)	0.8494

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5180.0016
5	5180.0012
15	5180.0008
25	5180.0004
35	5180.0000
45	5180.0000
50	5179.9996
Max. Deviation (MHz)	0.0016
Max. Deviation (ppm)	0.3089

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0004
120	5745.0004
108	5744.9996
Max. Deviation (MHz)	0.0004
Max. Deviation (ppm)	0.0696

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5744.9988
5	5744.9988
15	5744.9988
25	5744.9984
35	5744.9984
45	5744.9984
50	5744.9984
Max. Deviation (MHz)	0.0016
Max. Deviation (ppm)	0.2785