FCC Radio Test Report

FCC ID: T58WF2180R

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

Project No.	:	1607C233
Equipment	:	AC600 Wireless Dual Band USB Adapter
Model Name	:	WF2180
Applicant	:	NETIS SYSTEMS CO., LTD
Address	:	4F&5F R&D Building, Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.

Date of Receipt	:	Jul. 22, 2016
Date of Test	:	Jul. 22, 2016 ~ Aug. 29, 2016
Issued Date	:	Aug. 30, 2016
Tested by	:	BTL Inc.

Testing Engineer : Shawn xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

BTL INC.

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Declaration

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.

Table of Contents Page

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1607C233	Original Issue.	Aug. 30, 2016

1. CERTIFICATION

Equipment	:	AC600 Wireless Dual Band USB Adapter
Brand Name	:	netis
Model Name	:	WF2180
Applicant	:	NETIS SYSTEMS CO., LTD
Manufacturer	:	Shenzhen Netcore Industrial Ltd.
Address	:	4F&5F R&D Building, Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.
Factory	:	Dongguan City Netcore Network Technology Co.,Ltd.
Address	:	No.10-1,Sankeng Road,Qinghutou,Tangxia Town,Dongguan City
Date of Test	:	Jul. 22, 2016 ~ Aug. 29, 2016
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1607C233) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC600 Wireless Dual Band USB Adapter	
Brand Name	netis	
Model Name	WF2180	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	433Mbps
Power Source	Supplied from PC USB port.	
Power Rating	DC 5V	
Output Power	Output Power (Max.)for UNII-1	802.11a: 13.97dBm 802.11n (20M): 12.86dBm 802.11n (40M): 12.86dBm 802.11ac (20M): 12.89dBm 802.11ac (40M): 12.78dBm 802.11ac (80M): 12.91dBm
	Output Power (Max.)for UNII-3	802.11a: 13.94dBm 802.11n (20M): 12.82dBm 802.11n (40M): 12.92dBm 802.11ac (20M): 12.83dBm 802.11ac (40M): 12.89dBm 802.11ac (80M): 12.77dBm

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

2. Channel List:

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

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

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	Internal	N/A	0

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

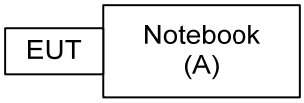
UNII-1			
Test Software Version	MPTOOL		
Frequency (MHz)	5180	5200	5240
A Mode	37	38	37
Frequency (MHz)	5180	5200	5240
N20 Mode	36	36	35
Frequency (MHz)	5190	5230	
N40 Mode	38	38	

UNII-3			
Test Software Version	MPTOOL		
Frequency (MHz)	5745	5785	5825
A Mode	45	45	44
Frequency (MHz)	5745	5785	5825
N20 Mode	42	42	42
Frequency (MHz)	5755	5795	
N40 Mode	44	44	

UNII-1			
Test Software Version	MPTOOL		
Frequency (MHz)	5180	5200	5240
AC20 Mode	36	35	35
Frequency (MHz)	5190	5230	
AC40 Mode	36	35	
Frequency (MHz)	5210		
AC80 Mode	37		

UNII-3			
Test Software Version	MPTOOL		
Frequency (MHz)	5745	5785	5825
AC20 Mode	42	42	39
Frequency (MHz)	5755	5795	
AC40 Mode	42	42	
Frequency (MHz)	5775		
AC80 Mode	41		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	EB22953787	DOC	E46L

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

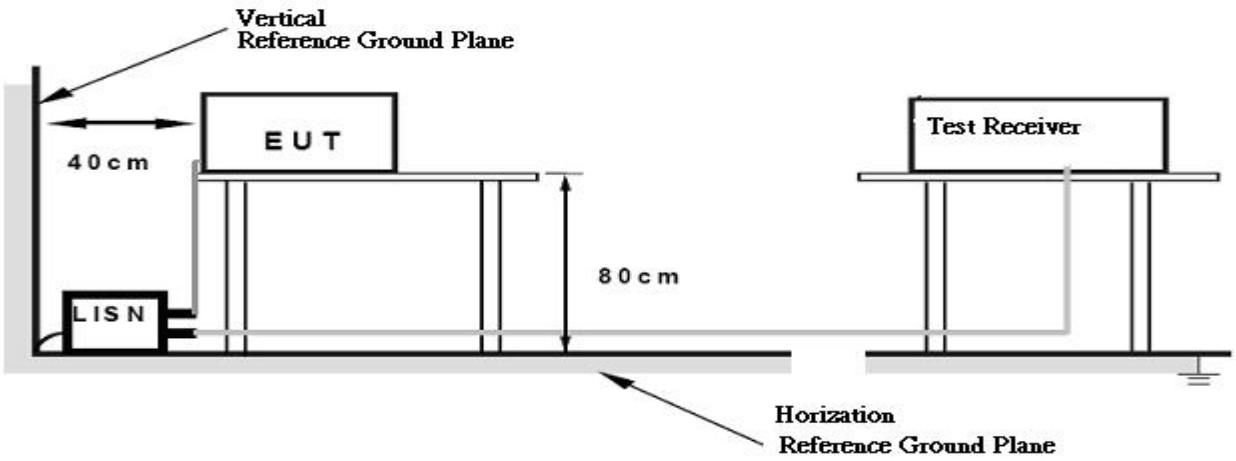
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Note:

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

Note:

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

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

4.2.2 TEST PROCEDURE

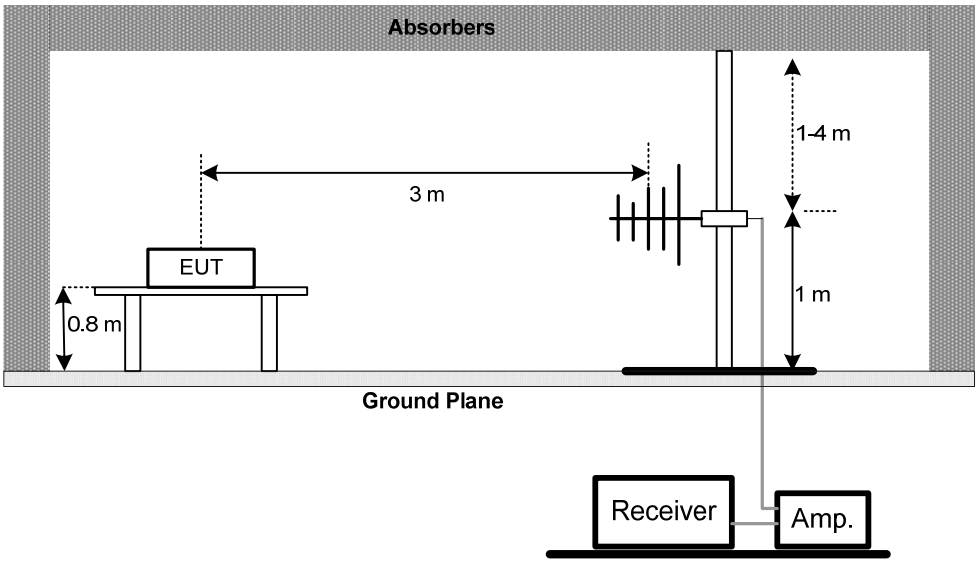
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

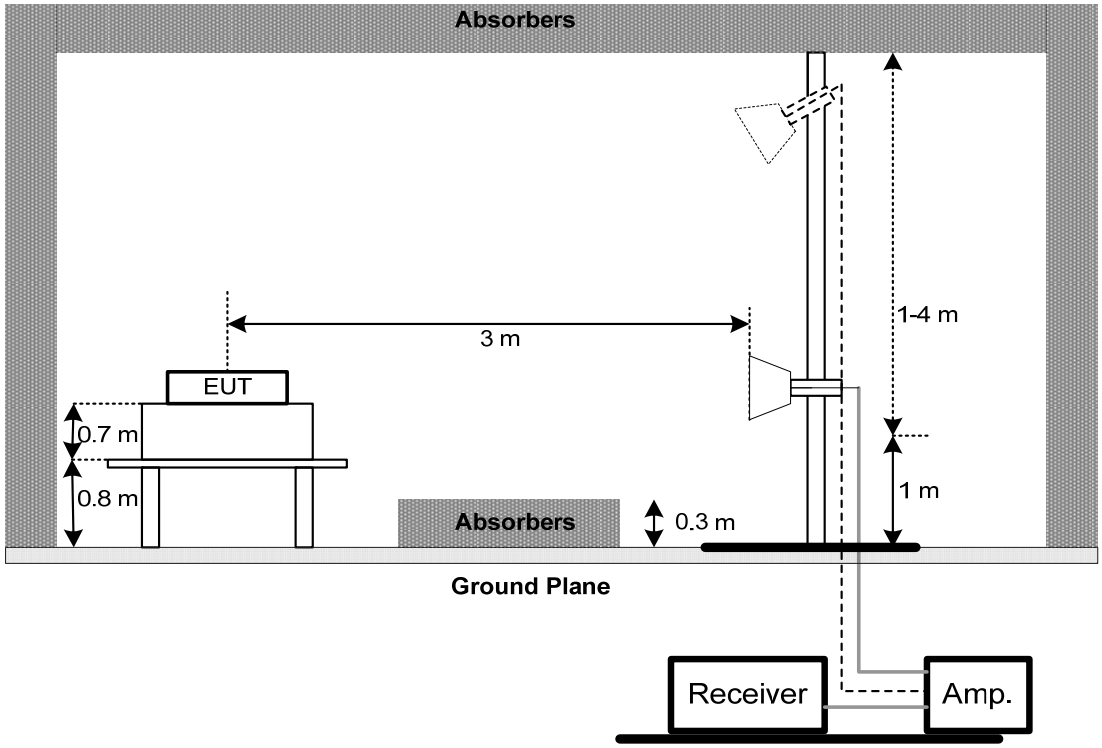
No deviation

4.2.4 TEST SETUP

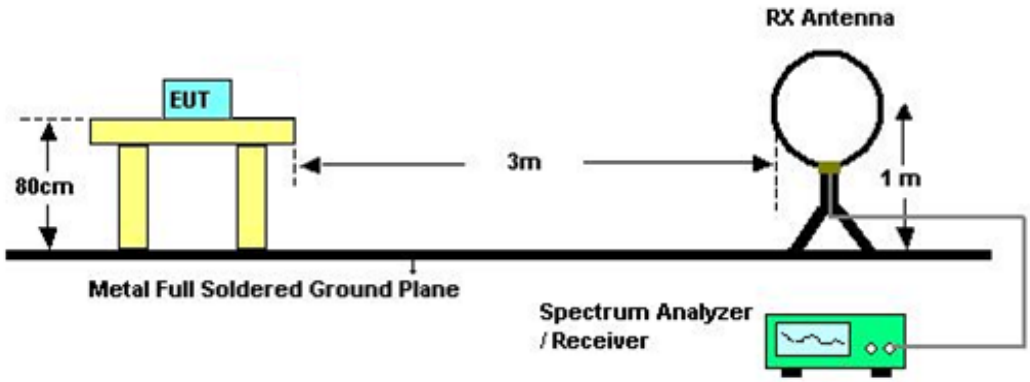
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

4.2.7 TEST RESULTS (9KHZ 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 (30MHZ TO 1000 MHz)

Please refer to the Attachment C.

Remark:

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

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

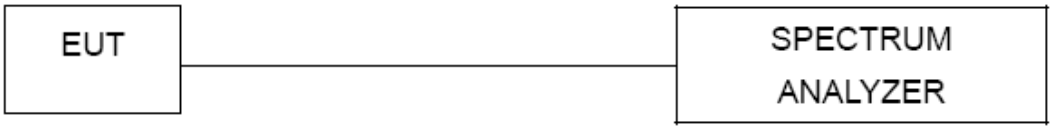
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

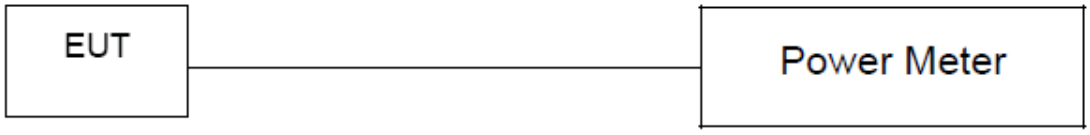
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

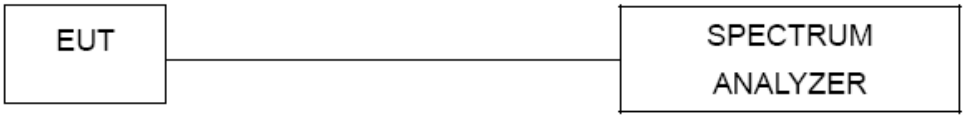
Note:

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°C Relative Humidity: 60% Test Voltage: DC 5V

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
FSpecified in the user's manualSpecified in the user's manualrequency Stability	Specified in the user's manual	5150-5250	PASS
		5725-5850	PASS

8.1.1 TEST PROCEDURE

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

b.

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

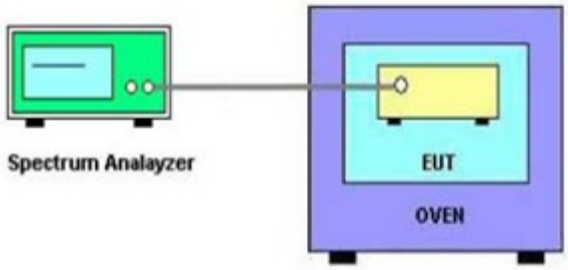
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

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

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 27, 2017
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz-26.5GHz)	C-68	Jun. 26, 2017
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016
15	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Oct. 26, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Oct. 26, 2016

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

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

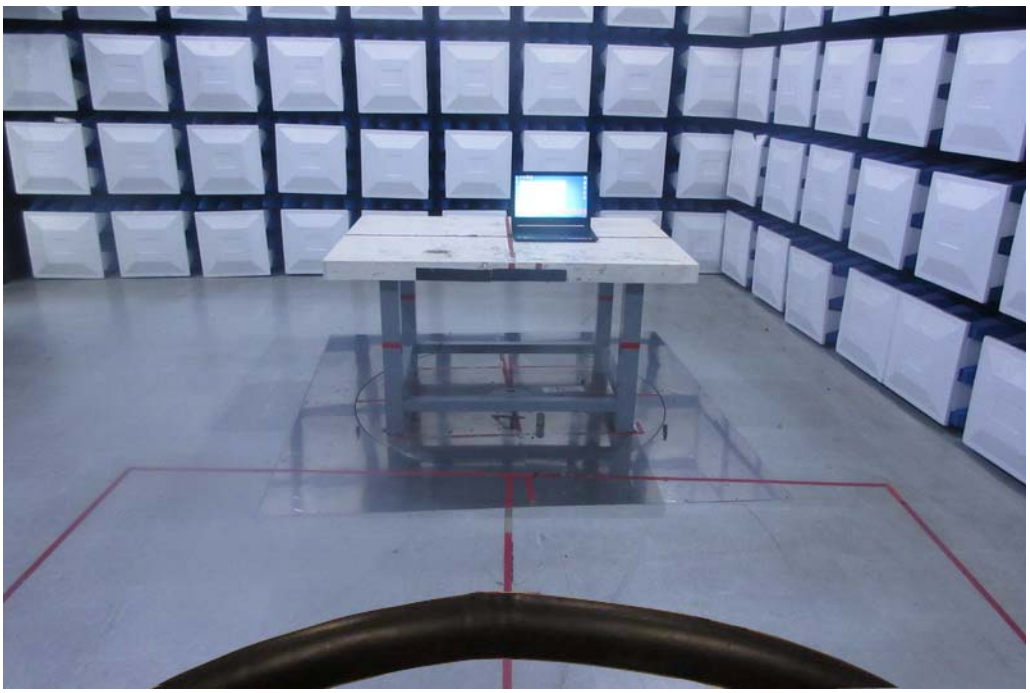
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

10. EUT TEST PHOTOS

Conducted Measurement Photos

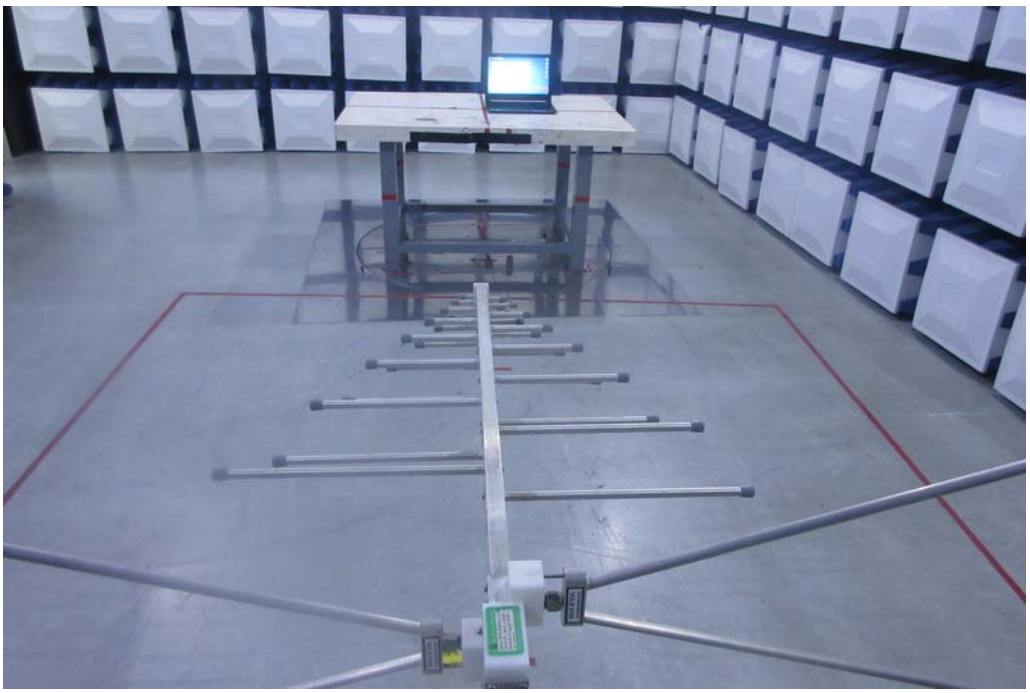
Radiated Measurement Photos

9kHz to 30MHz



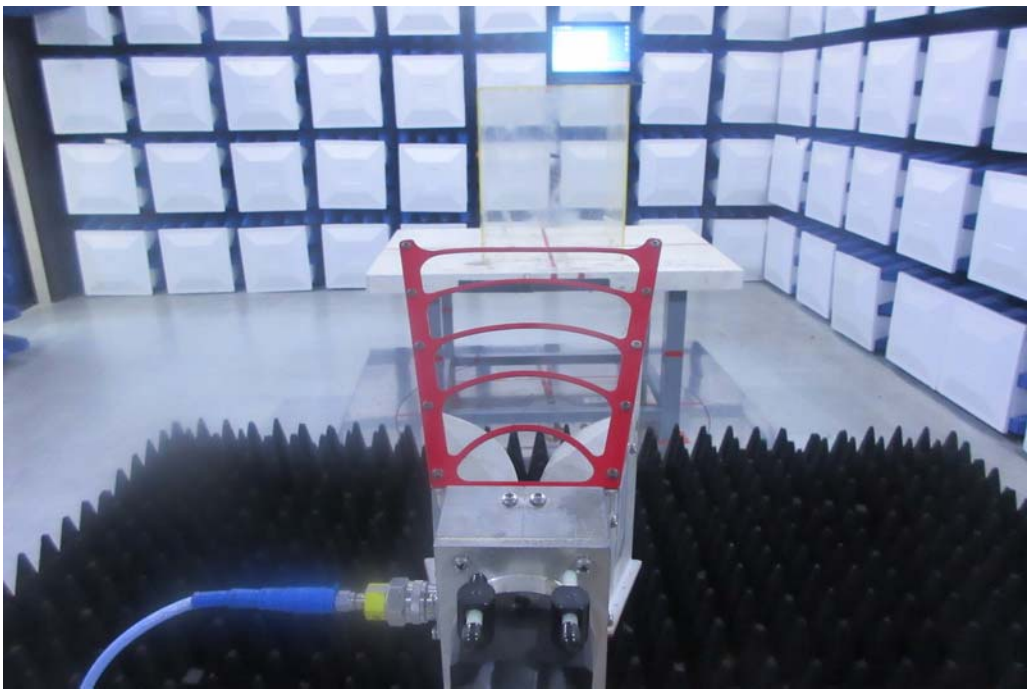
Radiated Measurement Photos

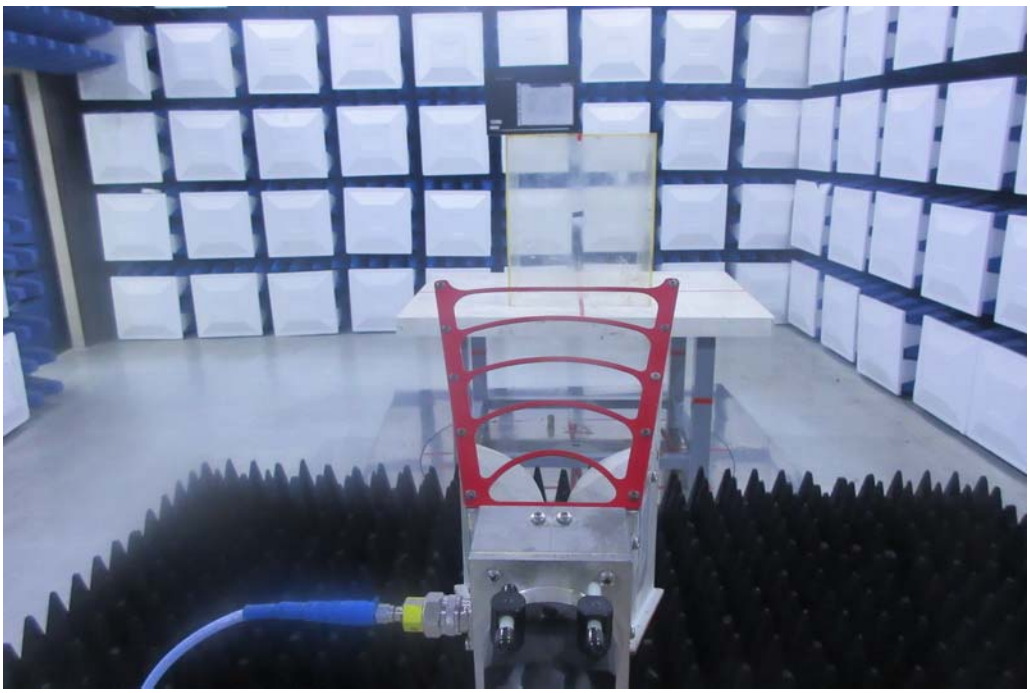
30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz

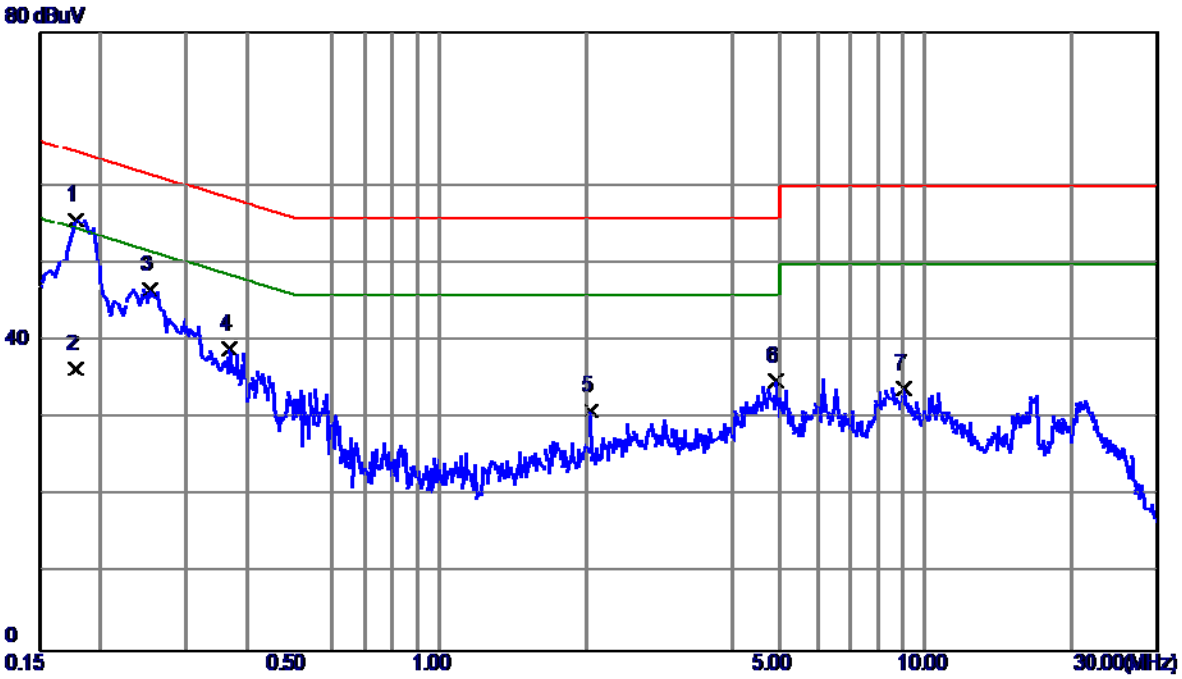




ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

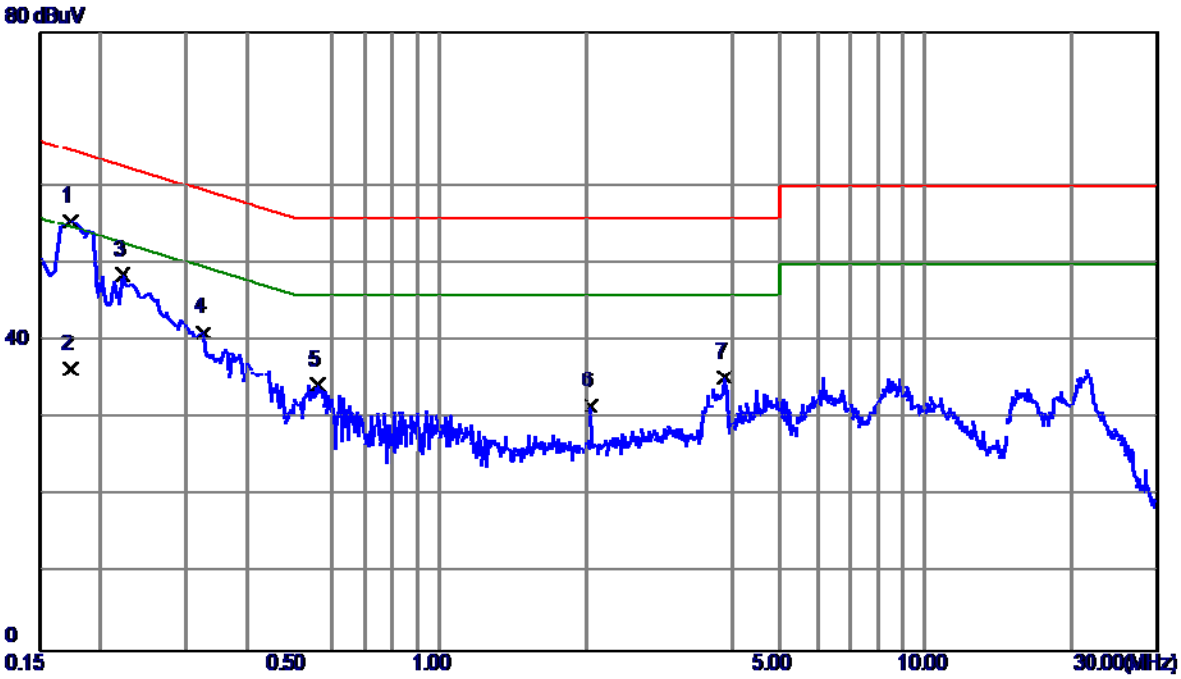


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1780	46.17	9.53	55.70	64.58	-8.88	Peak	
2	0.1780	26.90	9.53	36.43	54.58	-18.15	AVG	
3	0.2540	37.21	9.53	46.74	61.63	-14.89	Peak	
4	0.3700	29.44	9.54	38.98	58.50	-19.52	Peak	
5	2.0500	21.20	9.91	31.11	56.00	-24.89	Peak	
6	4.9300	24.93	10.00	34.93	56.00	-21.07	Peak	
7	9.0420	23.74	10.20	33.94	60.00	-26.06	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 *	0.1740	46.13	9.44	55.57	64.77	-9.20	Peak	
2	0.1740	27.09	9.44	36.53	54.77	-18.24	AVG	
3	0.2220	39.11	9.53	48.64	62.74	-14.10	Peak	
4	0.3260	31.67	9.53	41.20	59.55	-18.35	Peak	
5	0.5620	24.92	9.44	34.36	56.00	-21.64	Peak	
6	2.0500	22.05	9.70	31.75	56.00	-24.25	Peak	
7	3.8620	25.51	9.88	35.39	56.00	-20.61	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

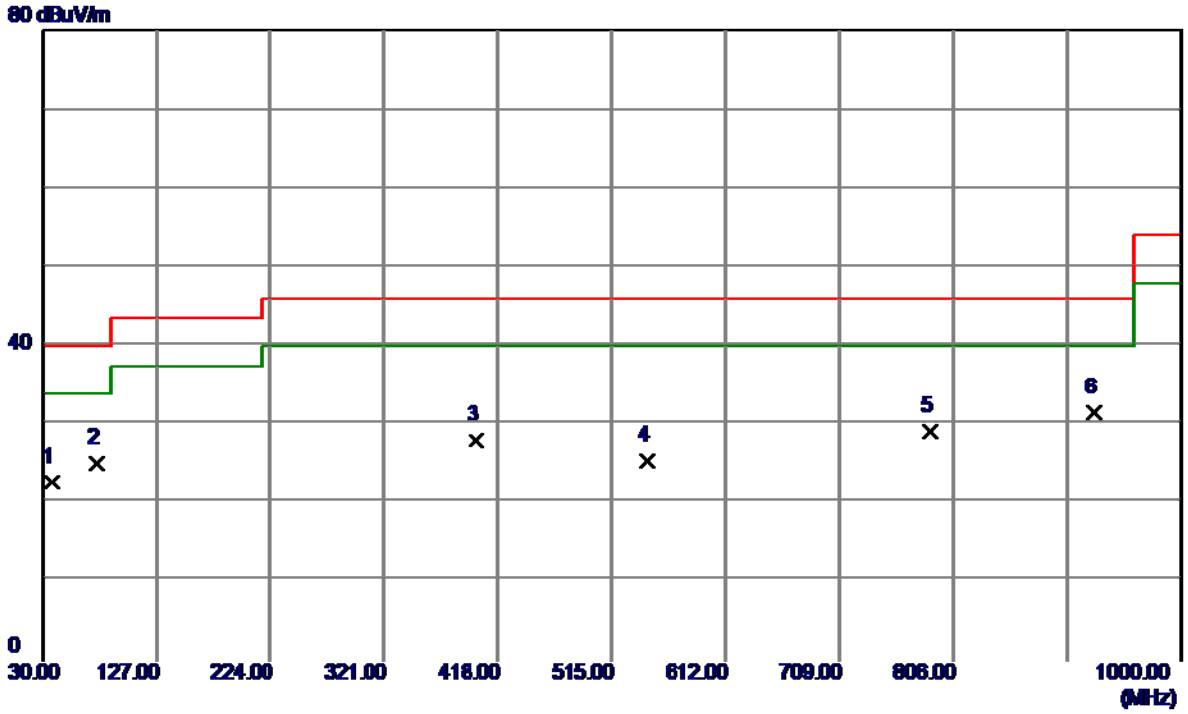
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0096	0°	15.76	24.9587	40.7187	127.9588	-87.2401	AVG
0.0096	0°	17.56	24.9587	42.5187	147.9588	-105.4401	PEAK
0.0278	0°	7.7	23.8060	31.5060	118.7233	-87.2173	AVG
0.0278	0°	8.56	23.8060	32.3660	138.7233	-106.3573	PEAK
0.0356	0°	3.67	23.3120	26.9820	116.5752	-89.5932	AVG
0.0356	0°	5.45	23.3120	28.7620	136.5752	-107.8132	PEAK
0.0578	0°	1.67	22.2440	23.9140	112.3657	-88.4517	AVG
0.0578	0°	3.54	22.2440	25.7840	132.3657	-106.5817	PEAK
0.5089	0°	22.38	19.8285	42.2085	73.4716	-31.2631	QP
1.9534	0°	23.56	19.5047	43.0647	69.5400	-26.4753	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0125	90°	13.56	24.3000	37.8600	125.6660	-87.8060	AVG
0.0125	90°	14.67	24.3000	38.9700	145.6660	-106.6960	PEAK
0.0267	90°	7.2	23.8757	31.0757	119.0740	-87.9983	AVG
0.0267	90°	8.67	23.8757	32.5457	139.0740	-106.5283	PEAK
0.0442	90°	5.28	22.7673	28.0473	114.6958	-86.6484	AVG
0.0442	90°	6.45	22.7673	29.2173	134.6958	-105.4784	PEAK
0.0587	90°	1.57	22.2260	23.7960	112.2315	-88.4355	AVG
0.0587	90°	2.68	22.2260	24.9060	132.2315	-107.3255	PEAK
0.6246	90°	22.45	20.1987	42.6487	71.6922	-29.0435	QP
2.0545	90°	24.76	19.4673	44.2273	69.5400	-25.3127	QP

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

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

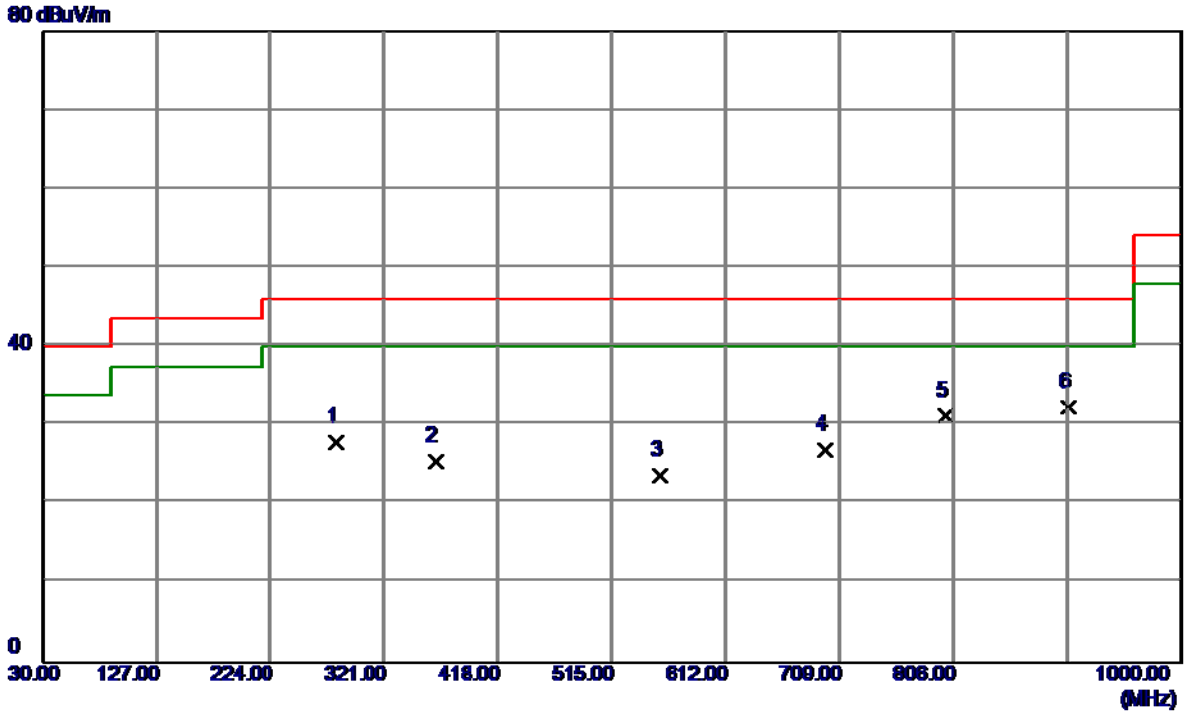
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	36.87	-14.13	22.74	40.00	-17.26	Peak	
2	76.5600	41.55	16.49	25.06	40.00	14.94	Peak	
3	399.5700	36.47	-8.43	28.04	46.00	-17.96	Peak	
4	545.0700	31.37	-5.92	25.45	46.00	-20.55	Peak	
5	786.6000	30.71	-1.58	29.13	46.00	-16.87	Peak	
6 *	926.2800	30.13	1.32	31.45	46.00	-14.55	Peak	

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

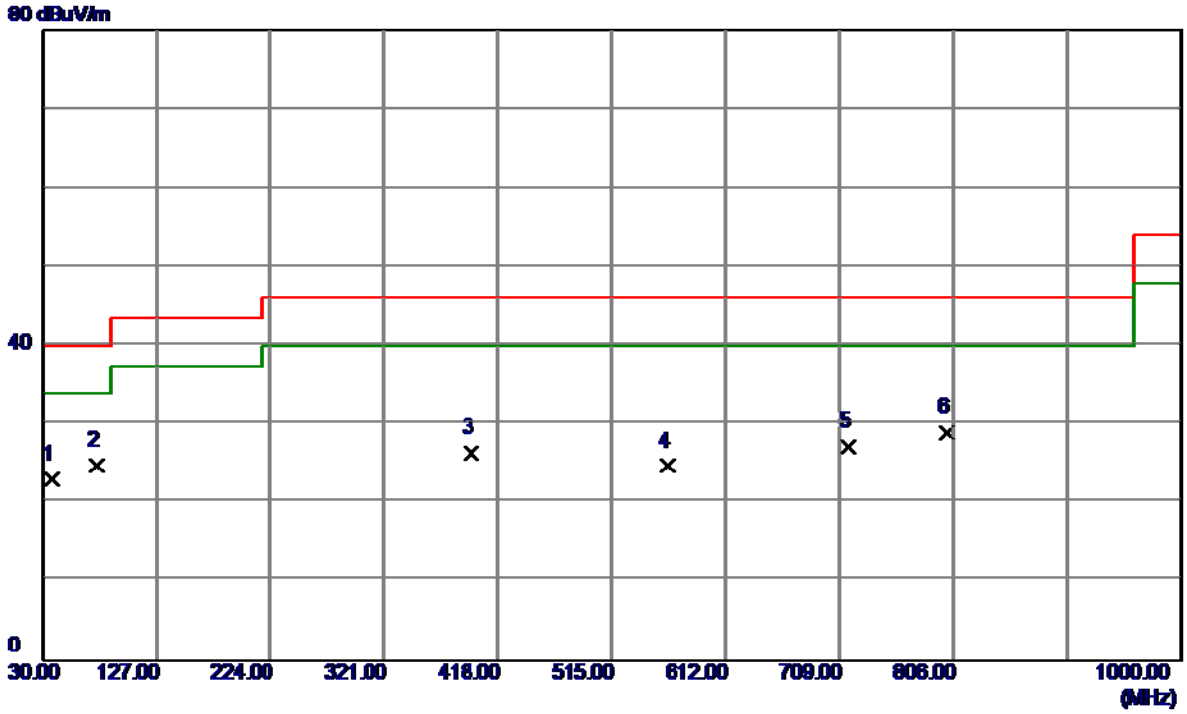
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	280.2600	40.19	-12.39	27.80	46.00	-18.20	Peak	
2	364.6500	36.14	-10.76	25.38	46.00	-20.62	Peak	
3	555.7400	29.33	-5.71	23.62	46.00	-22.38	Peak	
4	697.3600	30.23	-3.39	26.84	46.00	-19.16	Peak	
5	799.2100	32.17	-1.02	31.15	46.00	-14.85	Peak	
6 *	903.9700	31.00	1.33	32.33	46.00	-13.67	Peak	

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

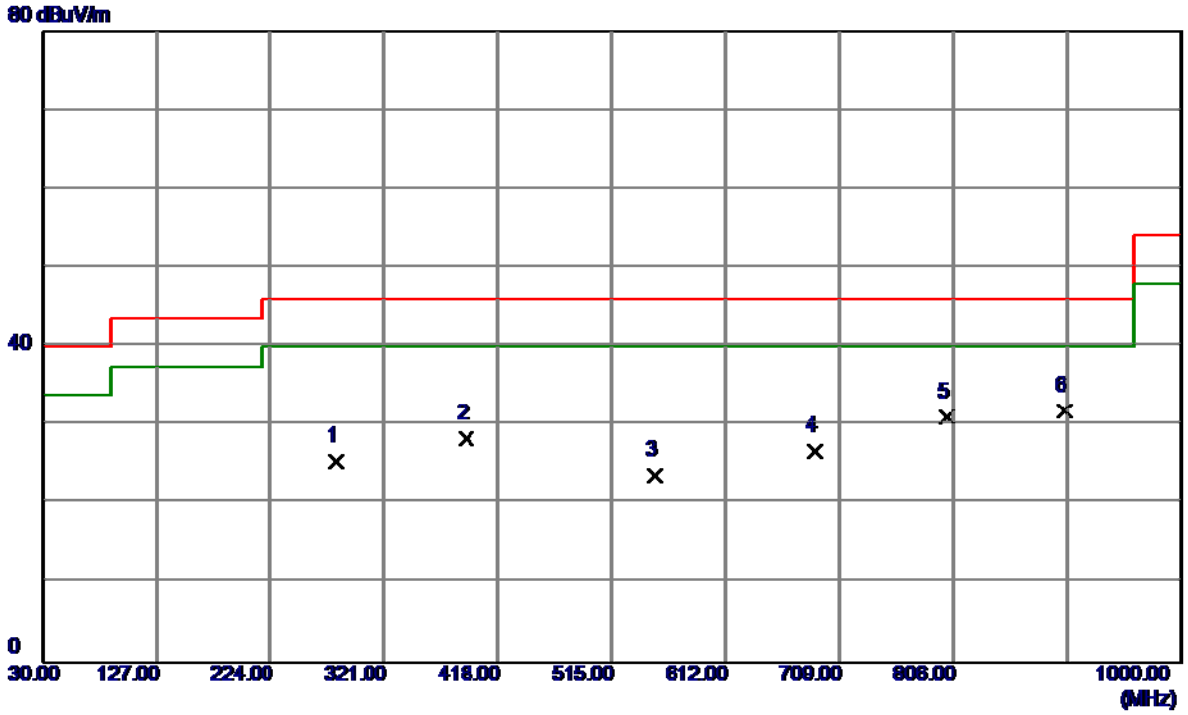
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	37.10	-14.13	22.97	40.00	-17.03	Peak	
2 *	76.5600	41.35	-16.49	24.86	40.00	-15.14	Peak	
3	395.6900	35.14	-8.69	26.45	46.00	-19.55	Peak	
4	562.5300	30.79	-6.07	24.72	46.00	-21.28	Peak	
5	716.7600	30.40	-3.26	27.14	46.00	-18.86	Peak	
6	800.1800	30.01	-1.00	29.01	46.00	-16.99	Peak	

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

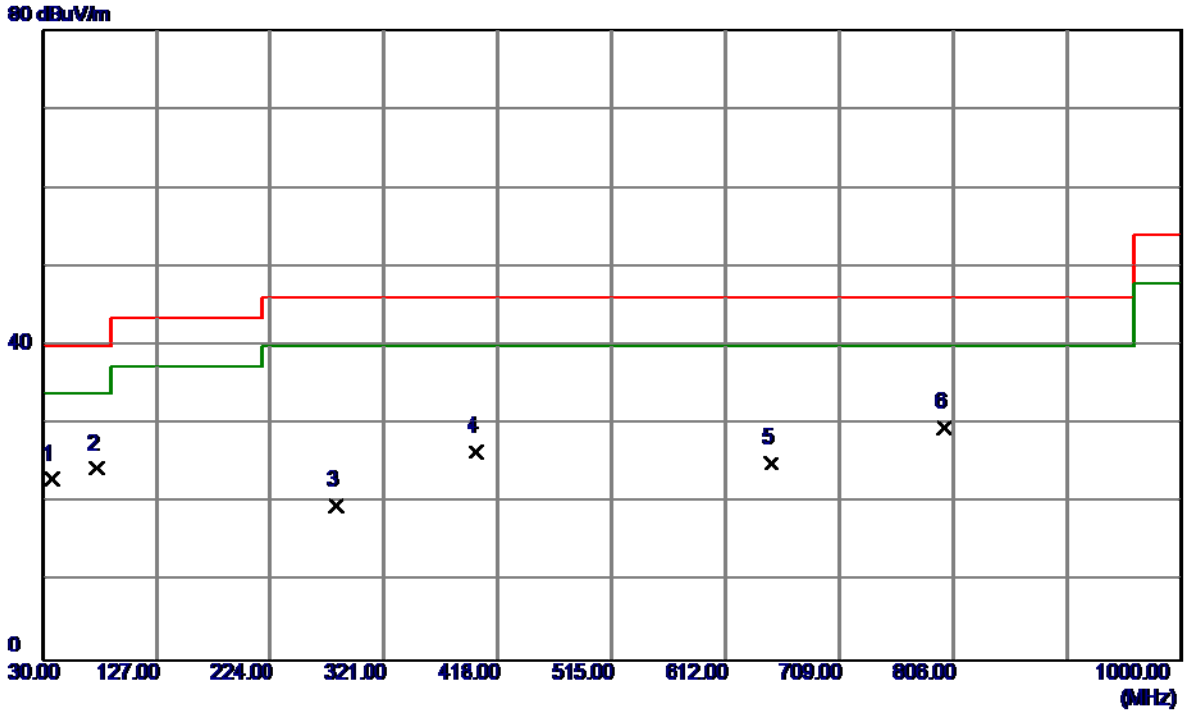
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	280.2600	37.80	-12.39	25.41	46.00	-20.59	Peak	
2	390.8400	37.38	-9.01	28.37	46.00	-17.63	Peak	
3	551.8600	29.17	-5.51	23.66	46.00	-22.34	Peak	
4	688.6300	30.47	-3.74	26.73	46.00	-19.27	Peak	
5	800.1800	31.98	-1.00	30.98	46.00	-15.02	Peak	
6 *	901.0600	30.58	1.33	31.91	46.00	-14.09	Peak	

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

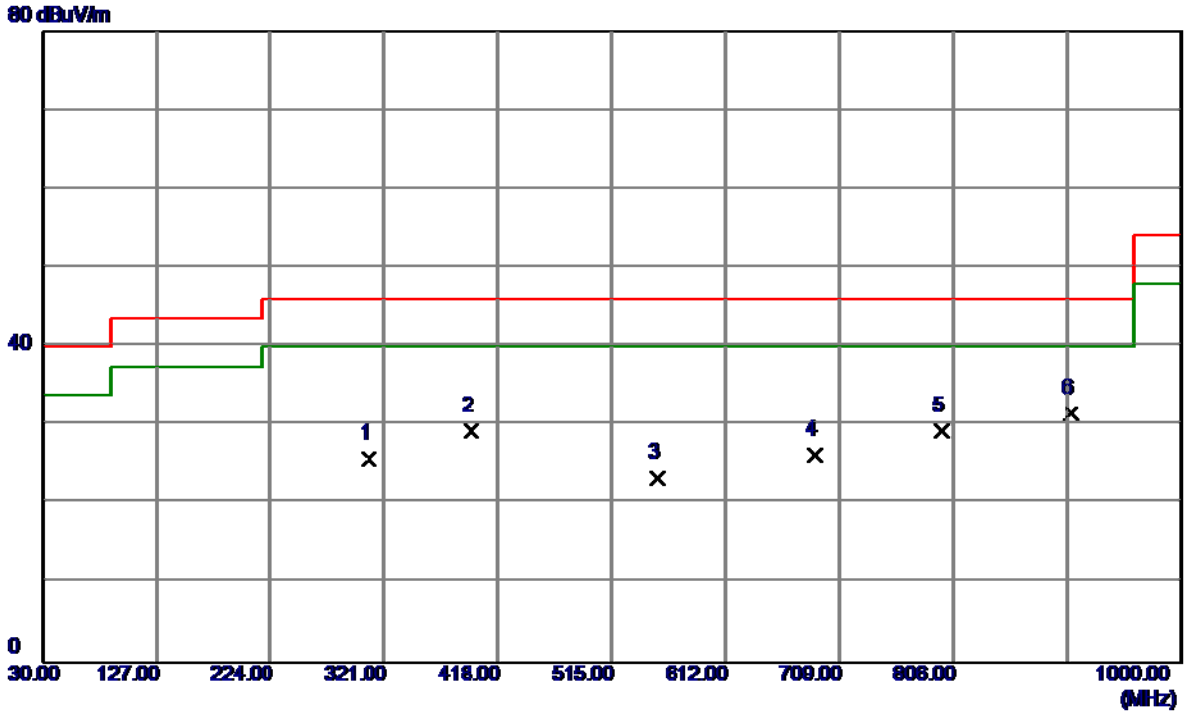
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	37.11	-14.13	22.98	40.00	-17.02	Peak	
2 *	76.5600	40.89	-16.49	24.40	40.00	-15.60	Peak	
3	280.2600	32.09	-12.39	19.70	46.00	-26.30	Peak	
4	399.5700	35.05	-8.43	26.62	46.00	-19.38	Peak	
5	650.8000	30.41	-5.22	25.19	46.00	-20.81	Peak	
6	798.2400	30.71	-1.07	29.64	46.00	-16.36	Peak	

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

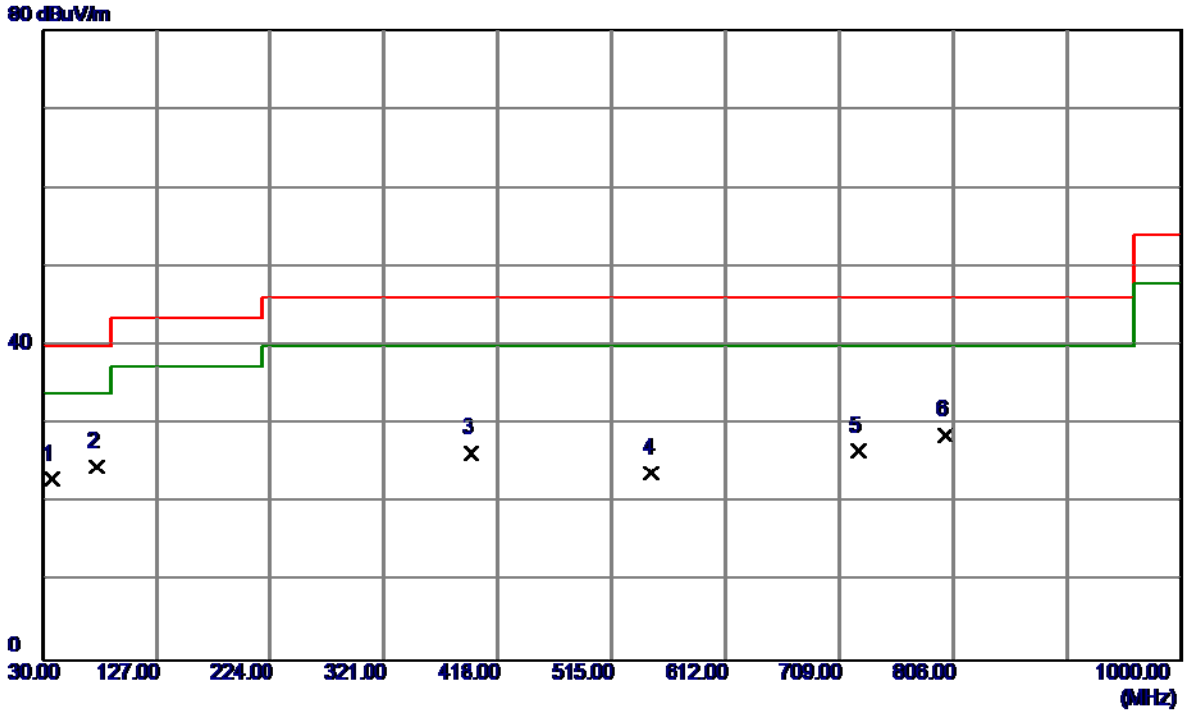
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	308.3900	36.51	-10.77	25.74	46.00	-20.26	Peak	
2	395.6900	38.02	-8.69	29.33	46.00	-16.67	Peak	
3	553.8000	28.98	-5.61	23.37	46.00	-22.63	Peak	
4	688.6300	29.96	-3.74	26.22	46.00	-19.78	Peak	
5	796.3000	30.39	-1.15	29.24	46.00	-16.76	Peak	
6 *	905.9100	30.19	1.33	31.52	46.00	-14.48	Peak	

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

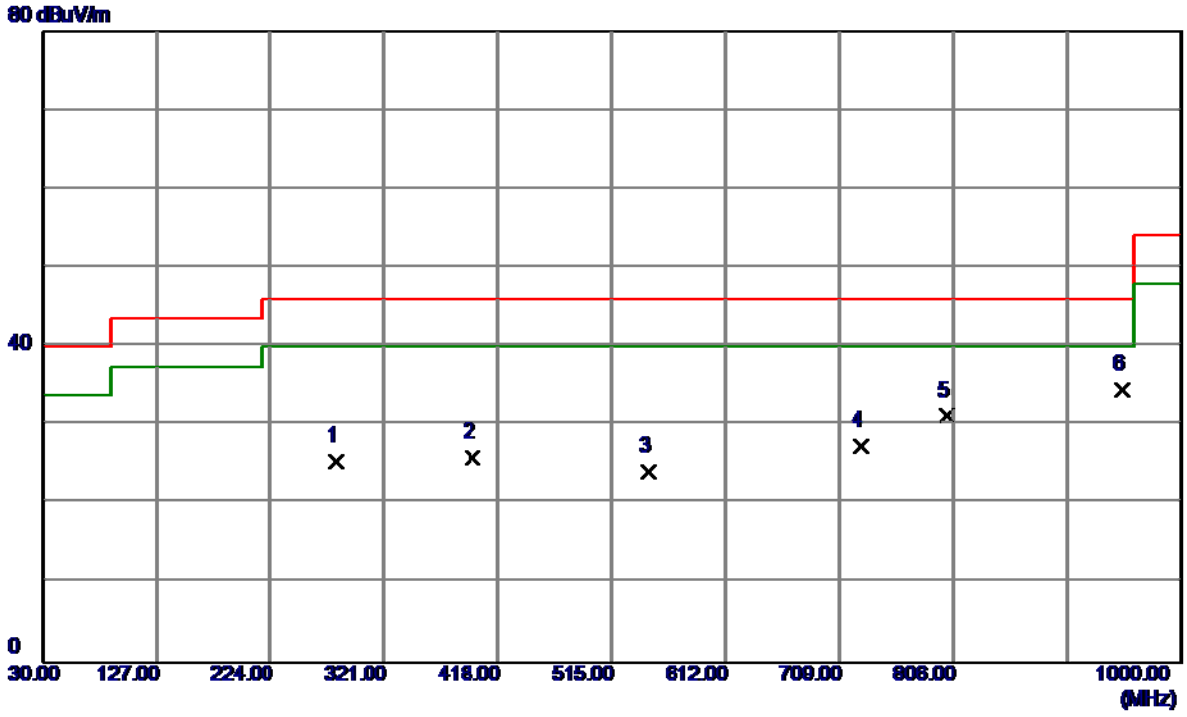
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	37.7599	37.16	-14.13	23.03	40.00	-16.97	Peak	
2 *	76.5600	41.16	-16.49	24.67	40.00	-15.33	Peak	
3	395.6900	35.03	-8.69	26.34	46.00	-19.66	Peak	
4	548.9500	29.36	-5.52	23.84	46.00	-22.16	Peak	
5	725.4900	29.88	-3.24	26.64	46.00	-19.36	Peak	
6	799.2100	29.68	-1.02	28.66	46.00	-17.34	Peak	

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

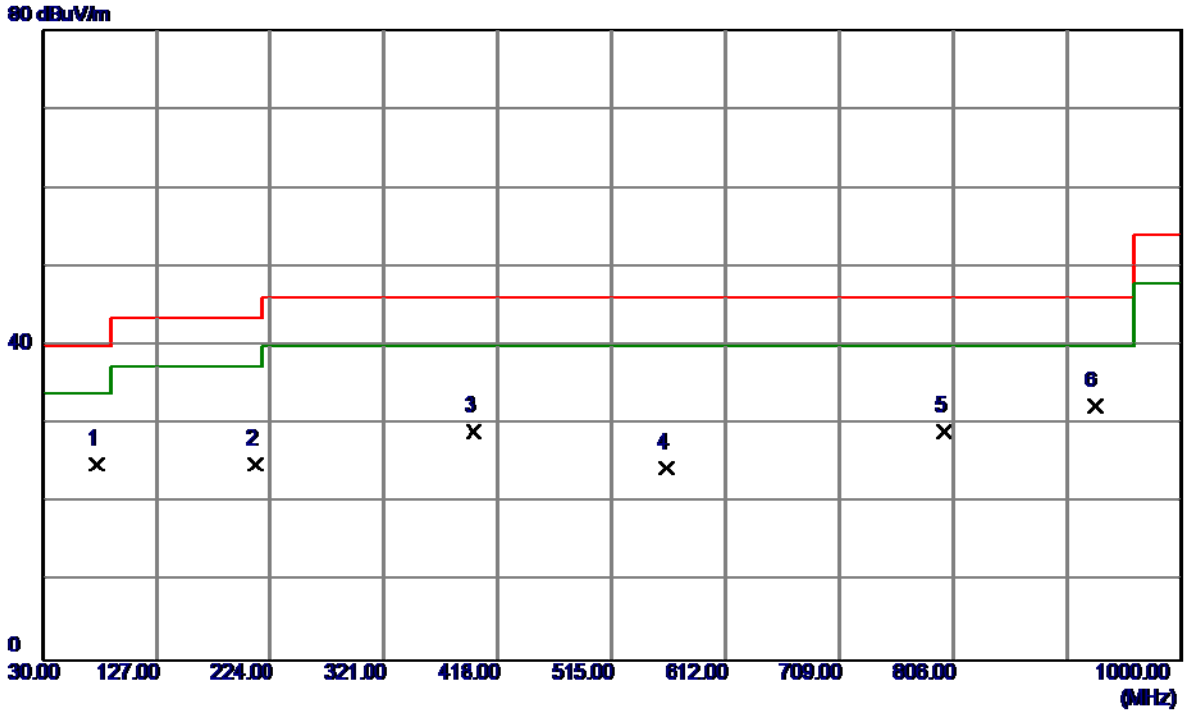
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	280.2600	37.87	-12.39	25.48	46.00	-20.52	Peak	
2	396.6600	34.53	-8.62	25.91	46.00	-20.09	Peak	
3	546.0400	29.96	-5.82	24.14	46.00	-21.86	Peak	
4	727.4300	30.58	-3.24	27.34	46.00	-18.66	Peak	
5	800.1800	32.15	-1.00	31.15	46.00	-14.85	Peak	
6 *	950.5300	33.23	1.31	34.54	46.00	-11.46	Peak	

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

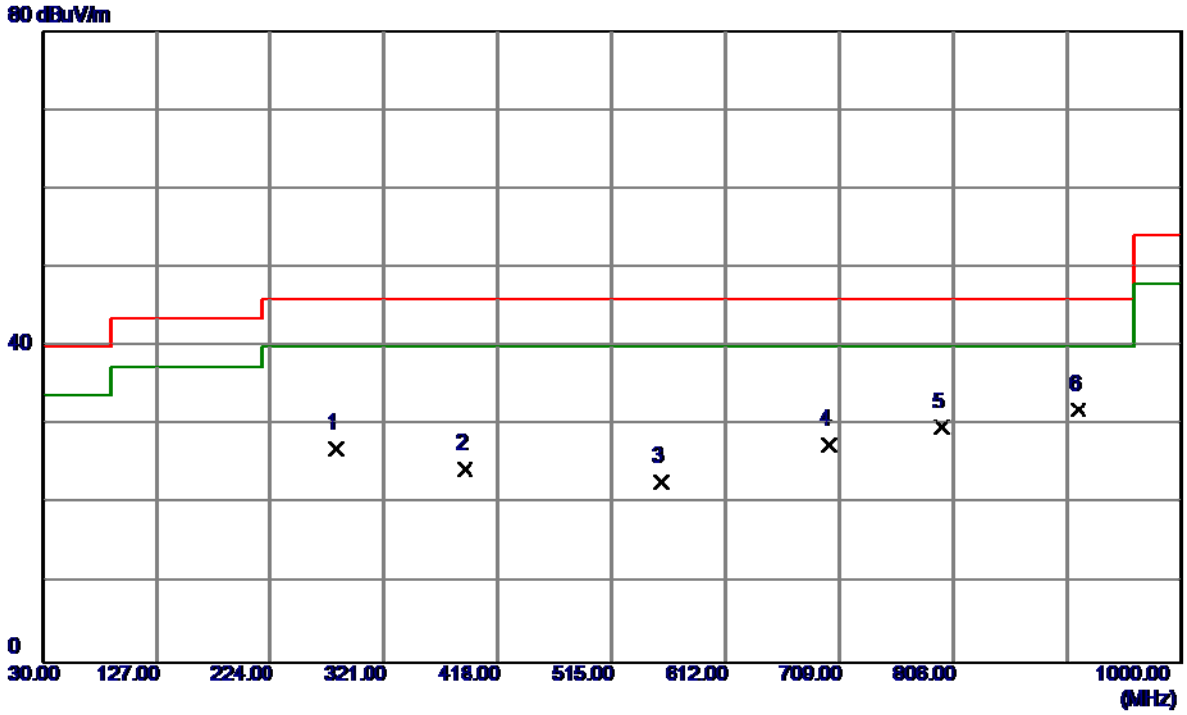
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	76.5600	41.40	-16.49	24.91	40.00	-15.09	Peak	
2	211.3900	39.76	-14.80	24.96	43.50	-18.54	Peak	
3	397.6300	37.72	-8.56	29.16	46.00	-16.84	Peak	
4	561.5600	30.54	-6.01	24.53	46.00	-21.47	Peak	
5	798.2400	30.26	-1.07	29.19	46.00	-16.81	Peak	
6 *	927.2500	30.95	1.32	32.27	46.00	-13.73	Peak	

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

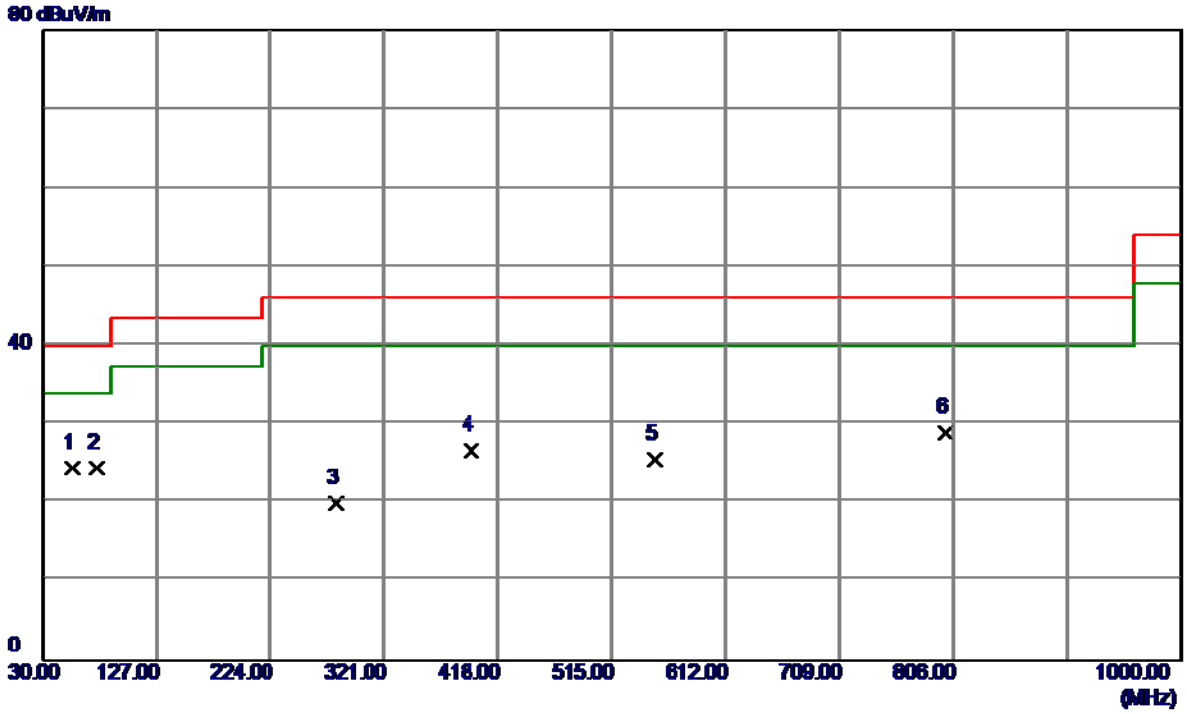
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	280.2600	39.48	-12.39	27.09	46.00	-18.91	Peak	
2	389.8700	33.61	-9.08	24.53	46.00	-21.47	Peak	
3	556.7100	28.68	-5.76	22.92	46.00	-23.08	Peak	
4	700.2700	30.83	-3.29	27.54	46.00	-18.46	Peak	
5	796.3000	30.90	-1.15	29.75	46.00	-16.25	Peak	
6 *	912.7000	30.65	1.33	31.98	46.00	-14.02	Peak	

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

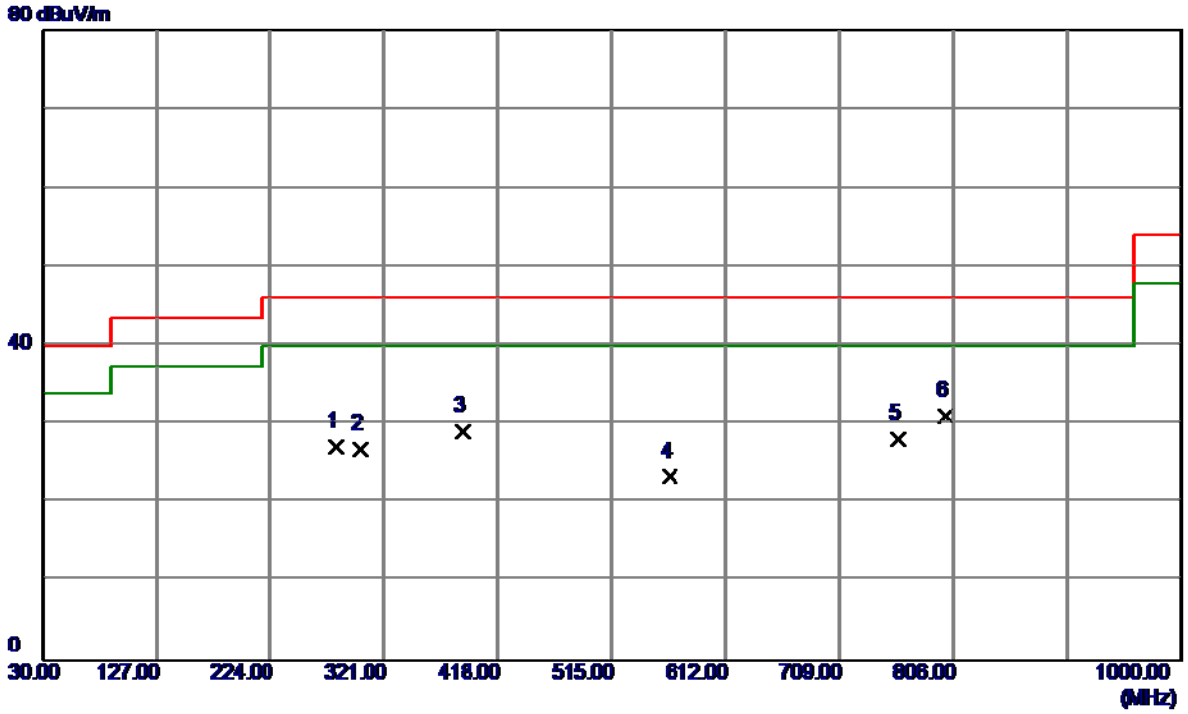
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	56.1900	37.85	-13.36	24.49	40.00	-15.51	Peak	
2	76.5600	40.96	-16.49	24.47	40.00	-15.53	Peak	
3	280.2600	32.40	-12.39	20.01	46.00	-25.99	Peak	
4	395.6900	35.45	-8.69	26.76	46.00	-19.24	Peak	
5	551.8600	31.10	-5.51	25.59	46.00	-20.41	Peak	
6	799.2100	29.96	-1.02	28.94	46.00	-17.06	Peak	

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

Horizontal

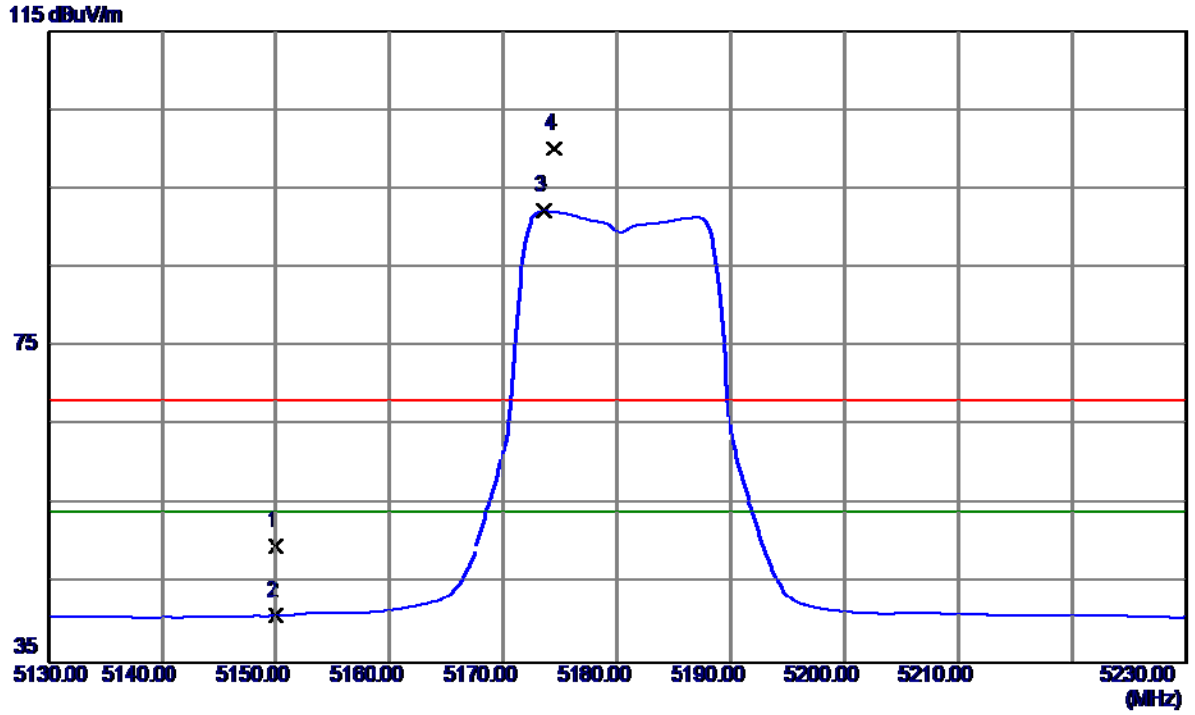


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	280.2600	39.61	-12.39	27.22	46.00	-18.78	Peak	
2	300.6300	37.54	-10.59	26.95	46.00	-19.05	Peak	
3	387.9300	38.31	-9.21	29.10	46.00	-16.90	Peak	
4	564.4699	29.47	-6.17	23.30	46.00	-22.70	Peak	
5	759.4400	30.94	-2.77	28.17	46.00	-17.83	Peak	
6 *	799.2100	32.13	-1.02	31.11	46.00	-14.89	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

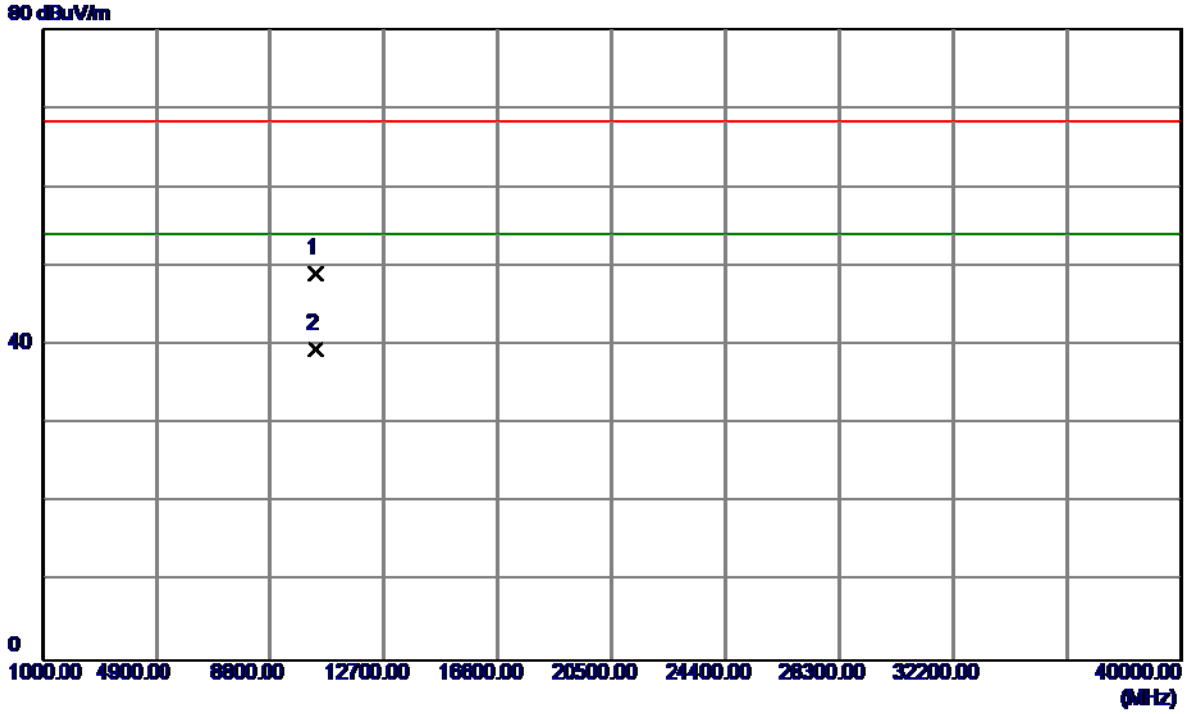
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.14	40.62	49.76	68.30	-18.54	Peak	
2	5150.0000	0.25	40.62	40.87	54.00	-13.13	AVG	
3 *	5173.6000	51.51	40.70	92.21	54.00	38.21	AVG	No Limit
4	5174.4000	59.37	40.71	100.08	68.30	31.78	Peak	No Limit

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

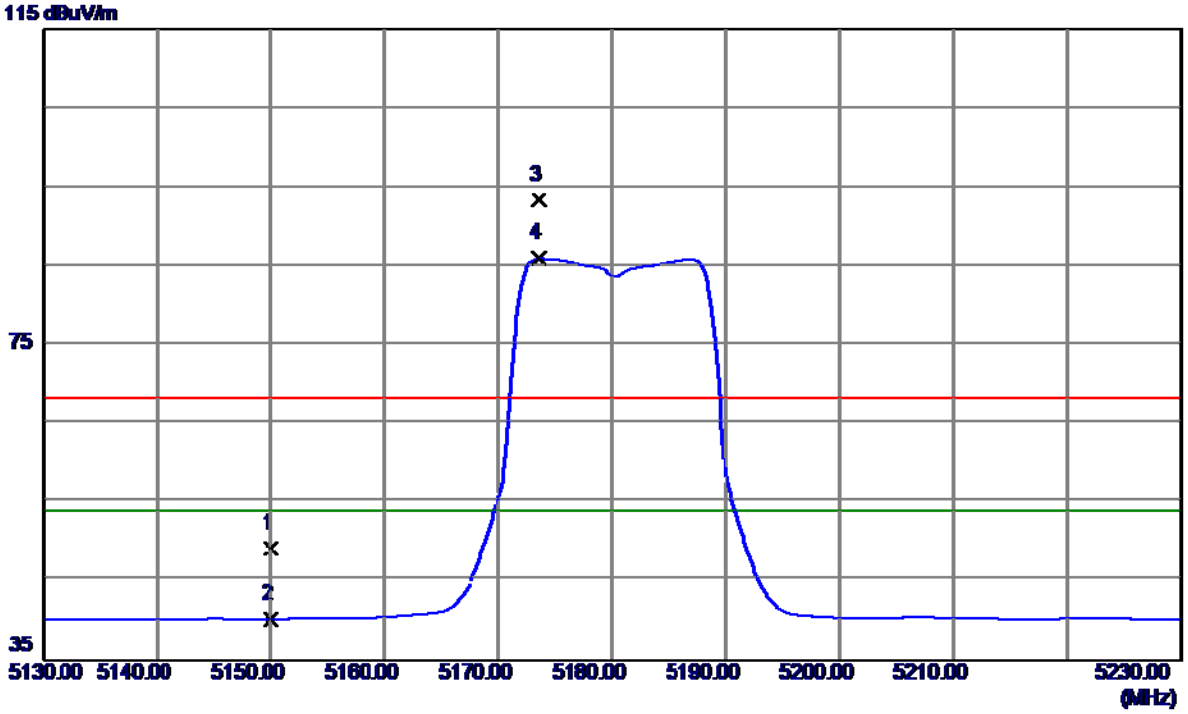
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.0700	34.09	14.96	49.05	68.30	-19.25	Peak	
2 *	10360.3500	24.60	14.96	39.56	54.00	-14.44	AVG	

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

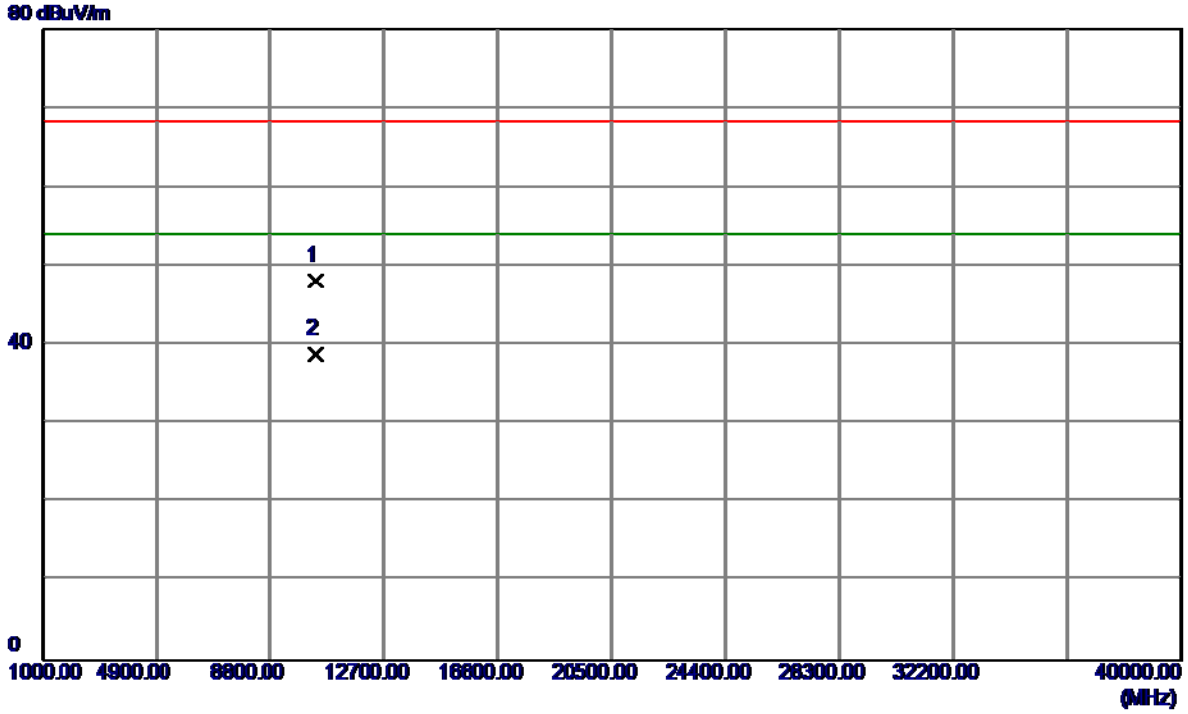
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.59	40.62	49.21	68.30	-19.09	Peak	
2	5150.0000	-0.30	40.62	40.32	54.00	-13.68	AVG	
3	5173.6000	52.76	40.70	93.46	68.30	25.16	Peak	No Limit
4 *	5173.6000	45.27	40.70	85.97	54.00	31.97	AVG	No Limit

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

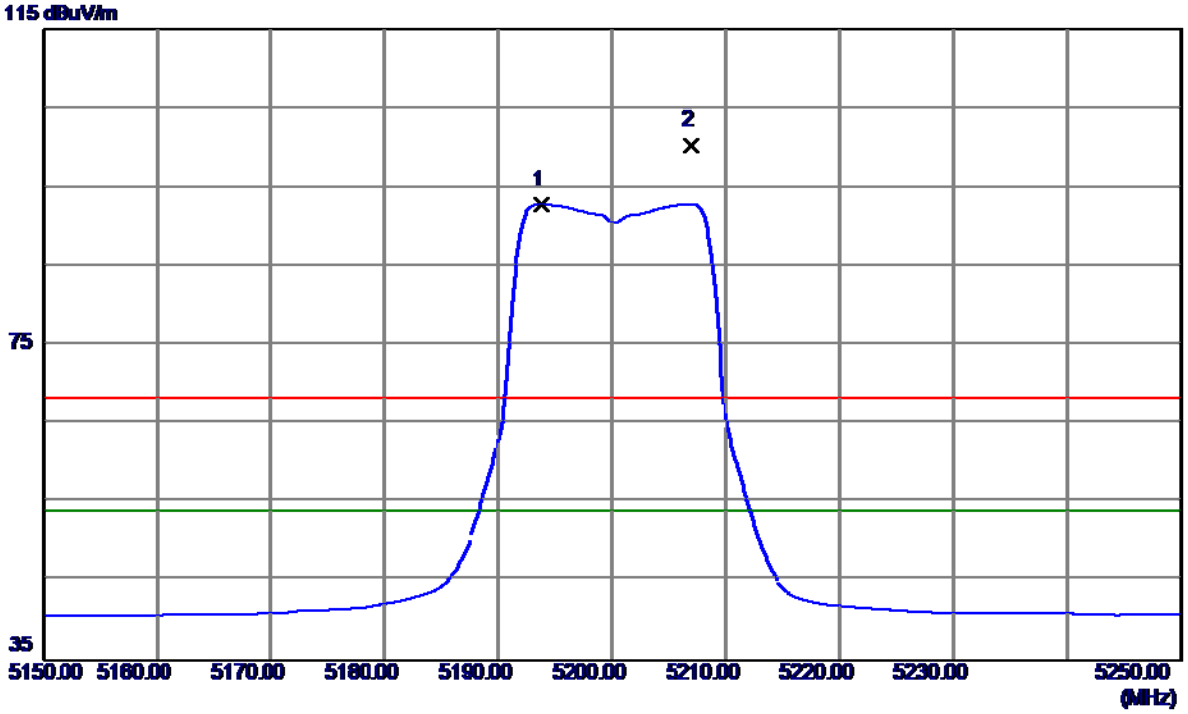
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.0500	33.17	14.96	48.13	68.30	-20.17	Peak	
2 *	10360.3099	23.89	14.96	38.85	54.00	-15.15	AVG	

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

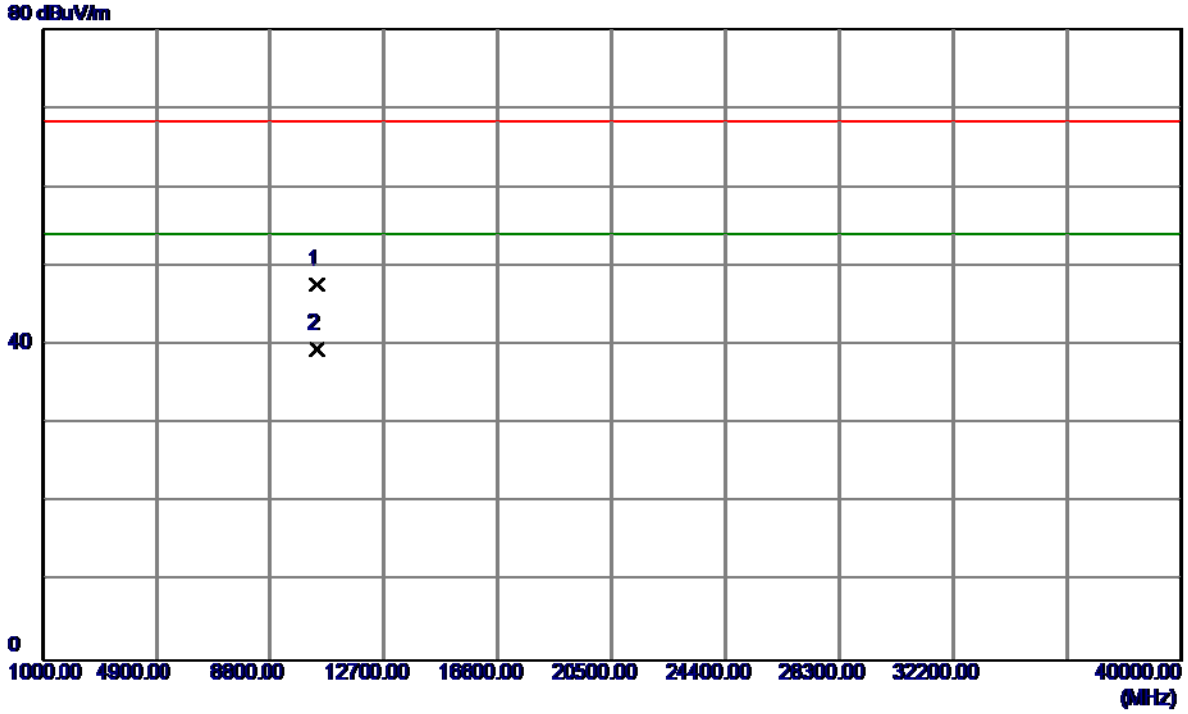
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.8000	52.00	40.77	92.77	54.00	38.77	AVG	No Limit
2	5207.0000	59.42	40.81	100.23	68.30	31.93	Peak	No Limit

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

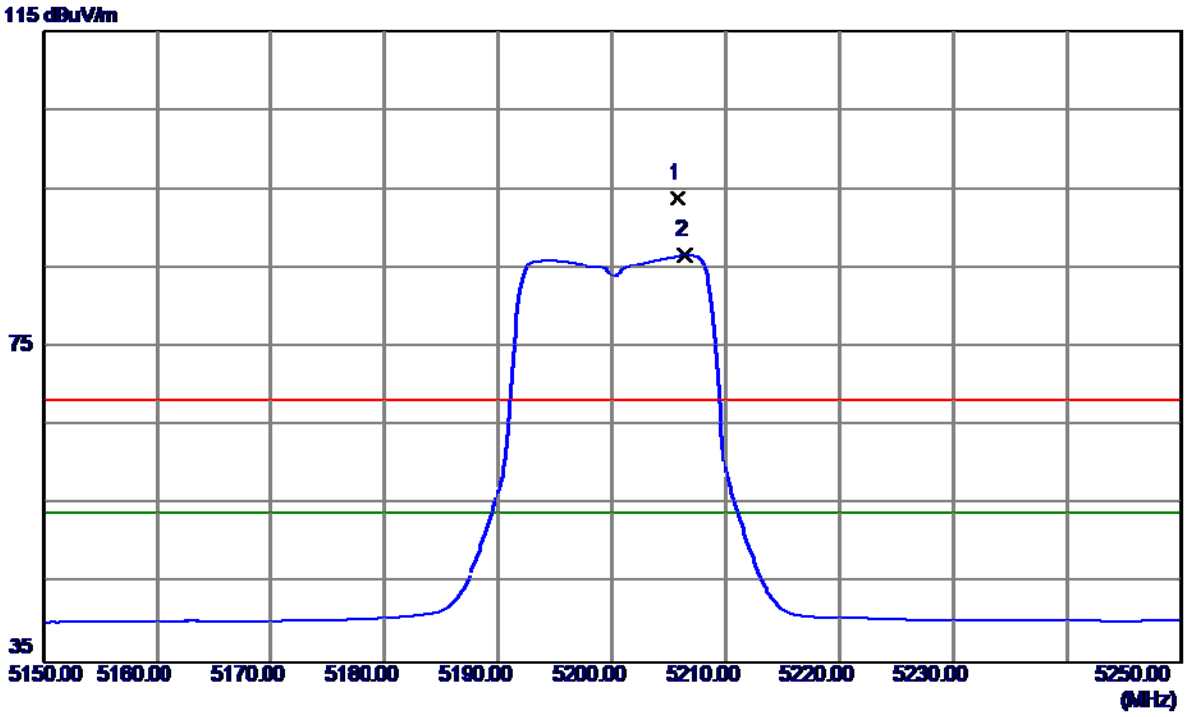
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.3400	32.69	15.06	47.75	68.30	-20.55	Peak	
2 *	10400.3900	24.44	15.06	39.50	54.00	-14.50	AVG	

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

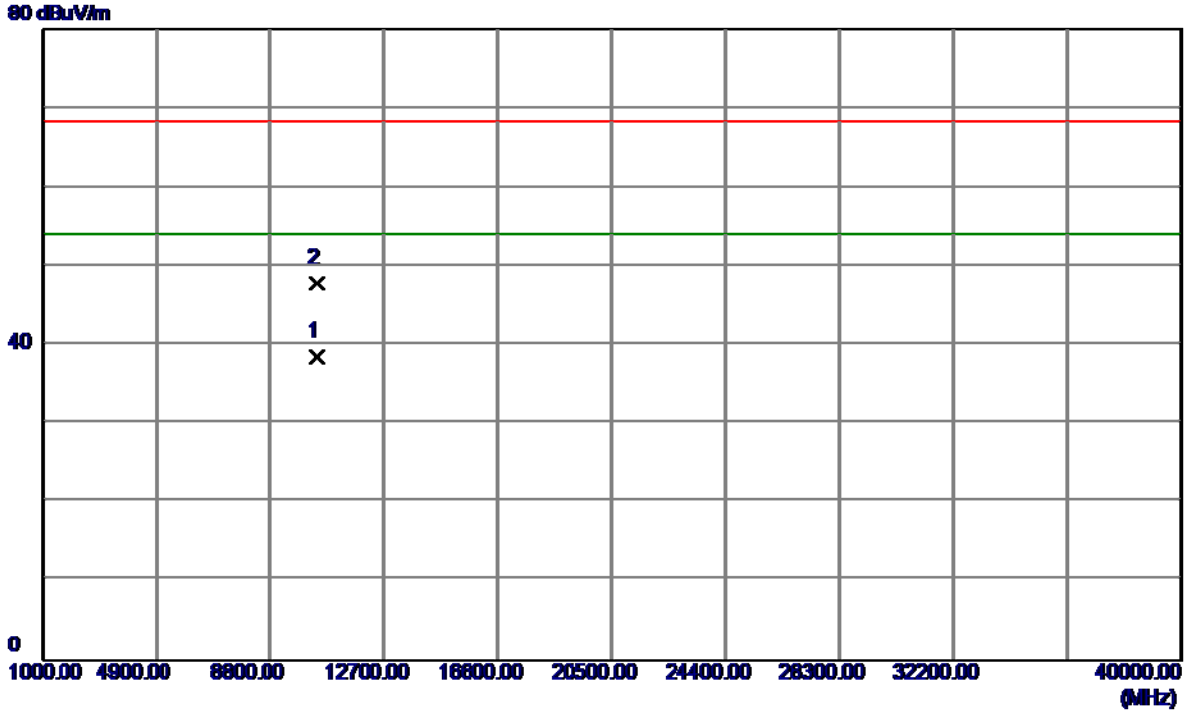
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.8000	53.12	40.81	93.93	68.30	25.63	Peak	No Limit
2 *	5206.4000	45.86	40.81	86.67	54.00	32.67	AVG	No Limit

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

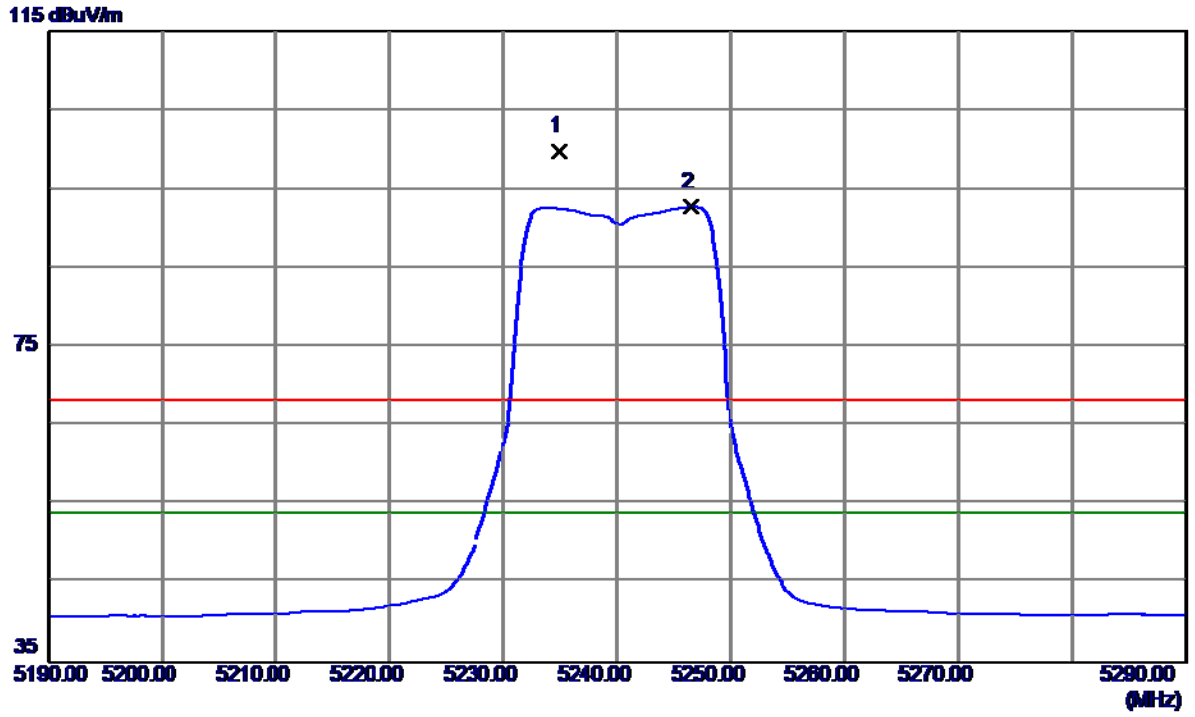
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.3700	23.47	15.06	38.53	54.00	-15.47	AVG	
2	10400.5700	32.76	15.06	47.82	68.30	-20.48	Peak	

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

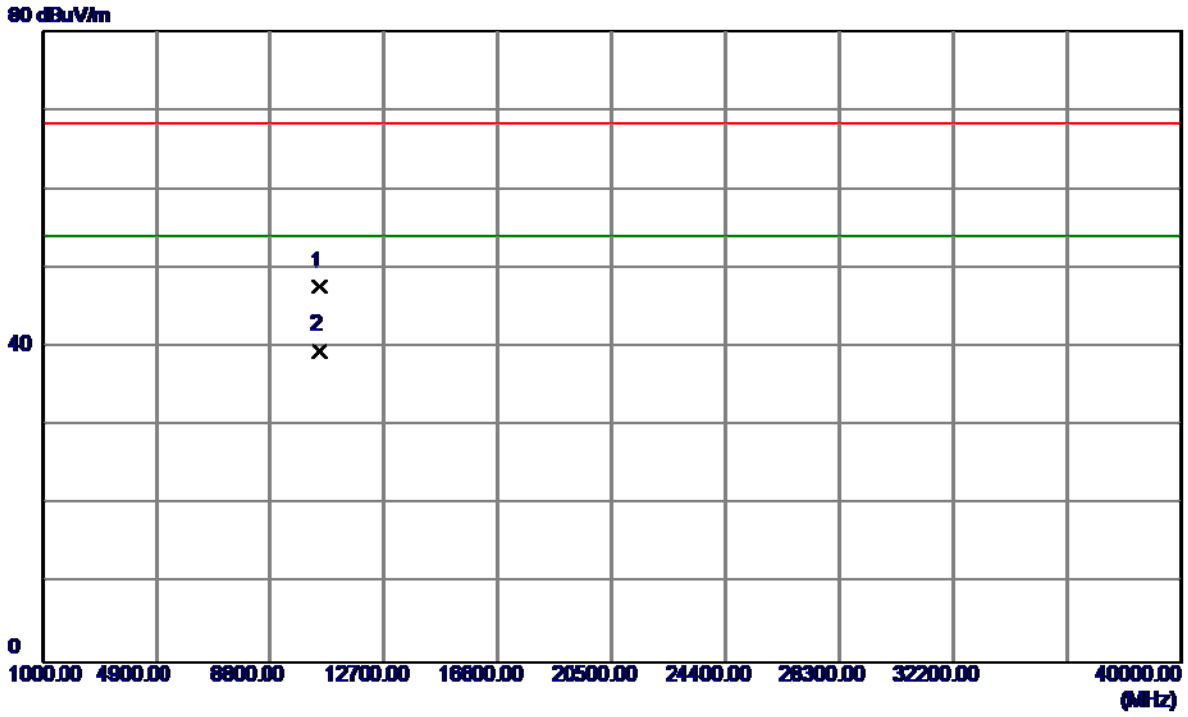
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5234.9000	58.93	40.91	99.84	68.30	31.54	Peak	No Limit
2 *	5246.6000	51.77	40.94	92.71	54.00	38.71	AVG	No Limit

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

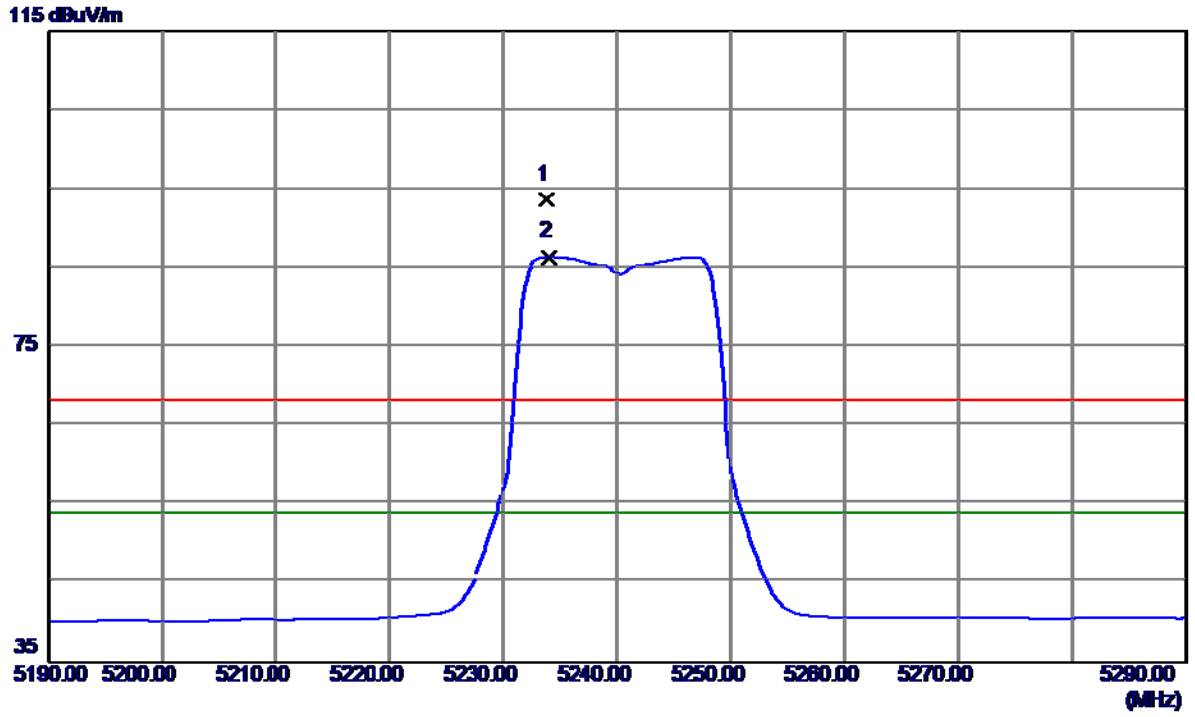
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.3700	32.42	15.24	47.66	68.30	-20.64	Peak	
2 *	10480.3700	24.36	15.24	39.60	54.00	-14.40	AVG	

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

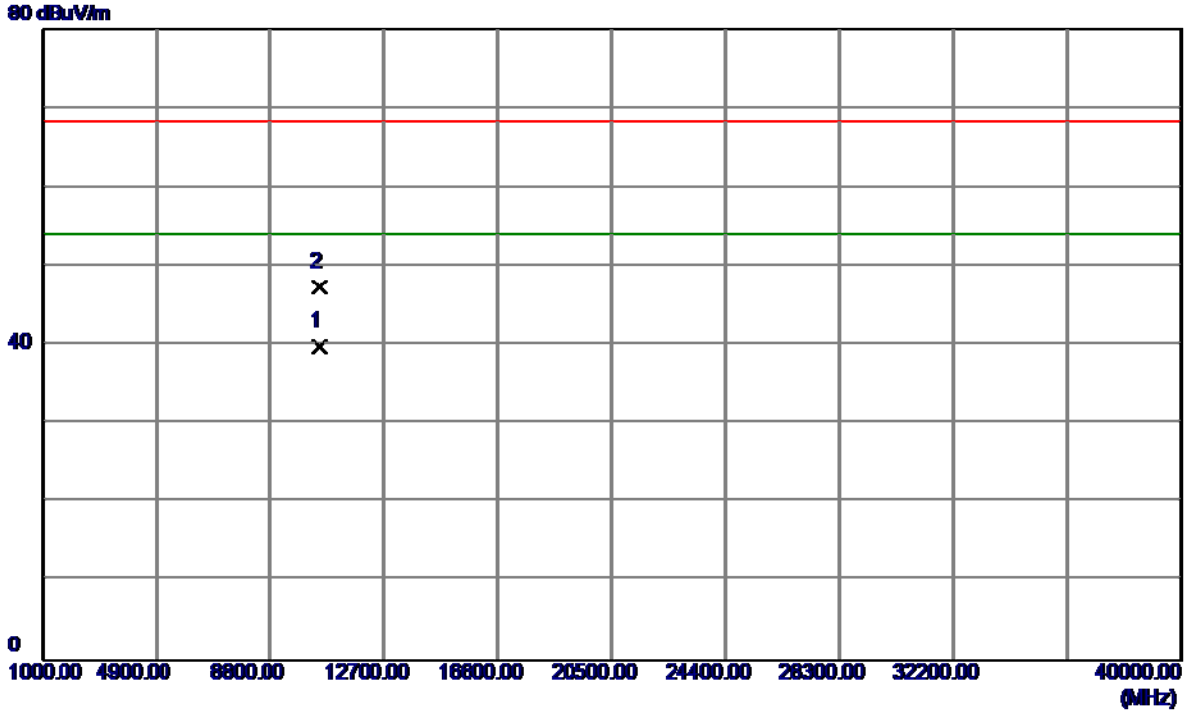
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.8000	52.75	40.90	93.65	68.30	25.35	Peak	No Limit
2 *	5234.0000	45.54	40.90	86.44	54.00	32.44	AVG	No Limit

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

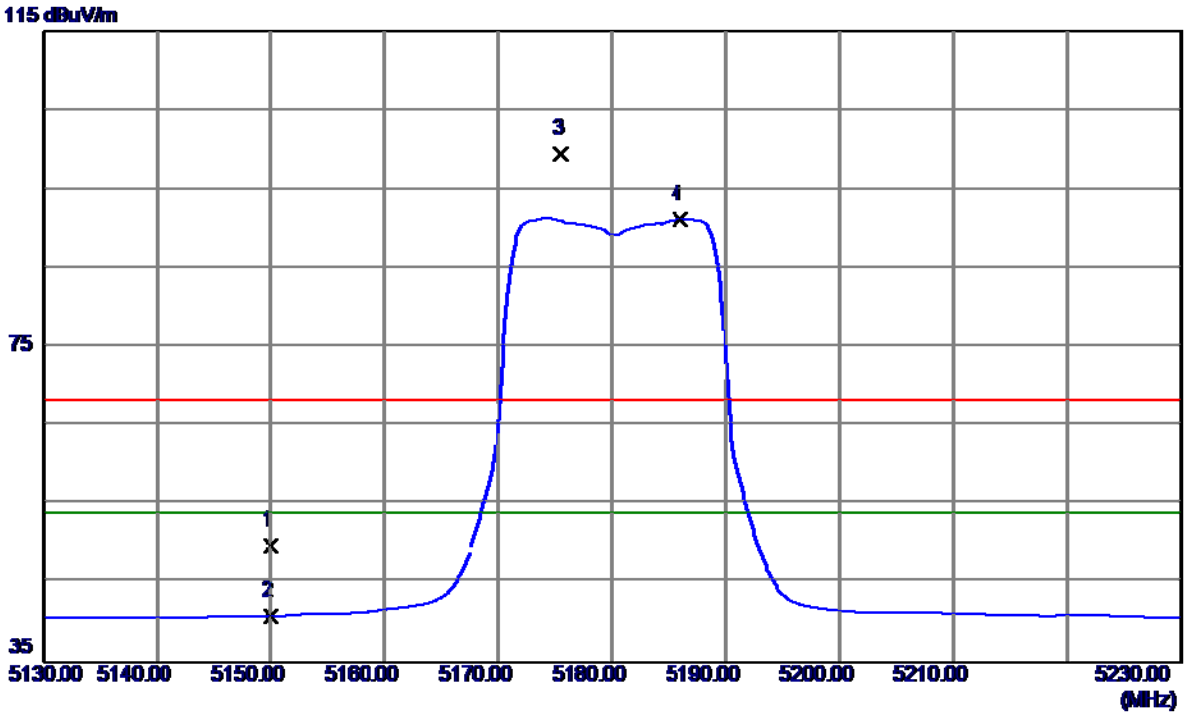
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.3300	24.57	15.24	39.81	54.00	-14.19	AVG	
2	10480.3500	32.05	15.24	47.29	68.30	-21.01	Peak	

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

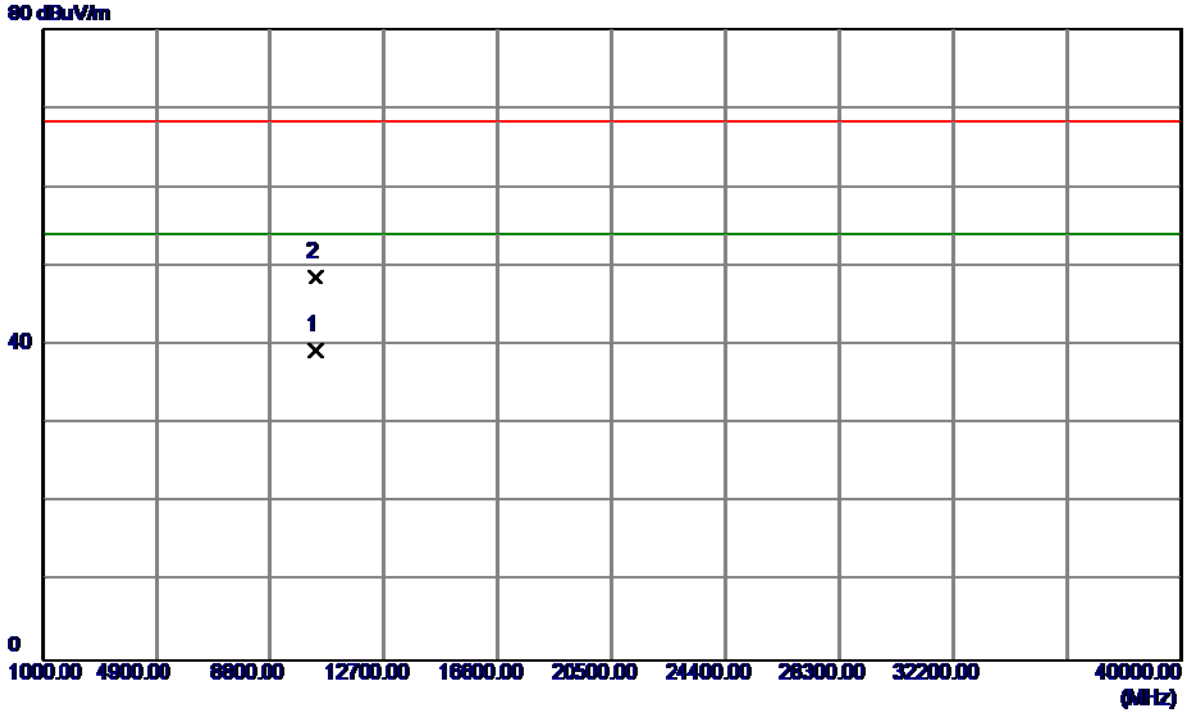
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.26	40.62	49.88	68.30	-18.42	Peak	
2	5150.0000	0.28	40.62	40.90	54.00	-13.10	AVG	
3	5175.5000	58.76	40.71	99.47	68.30	31.17	Peak	No Limit
4 *	5186.0000	50.48	40.74	91.22	54.00	37.22	AVG	No Limit

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

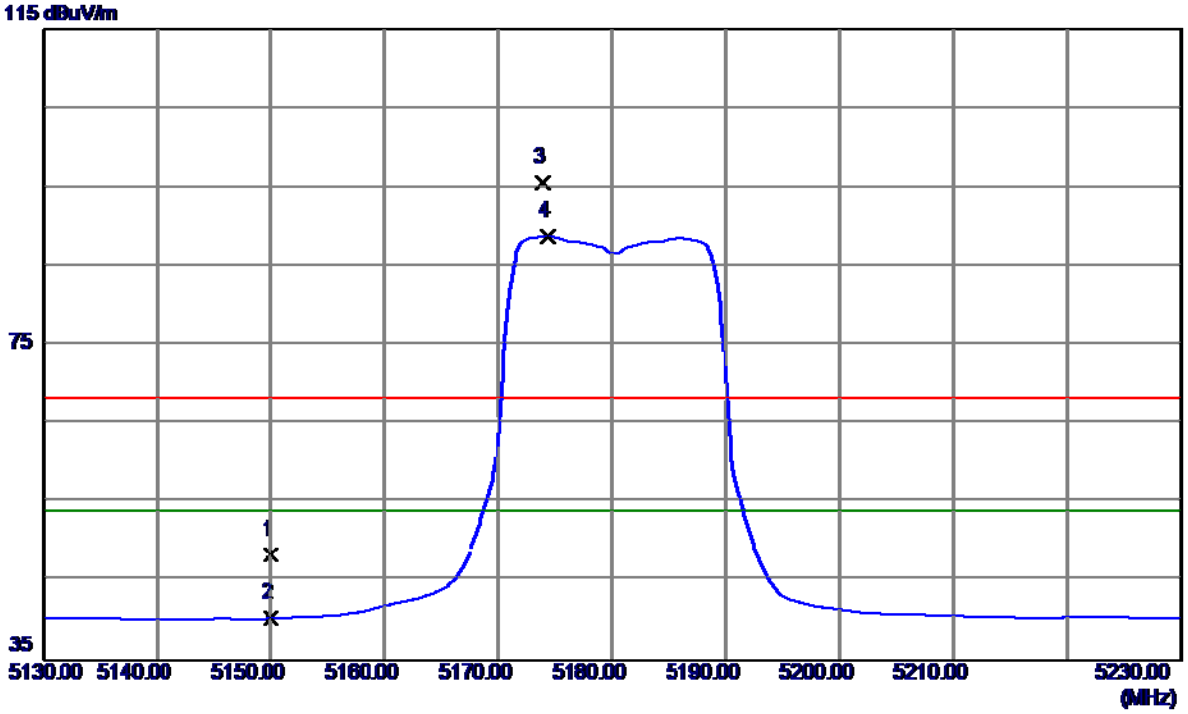
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.3000	24.33	14.96	39.29	54.00	-14.71	AVG	
2	10360.4400	33.65	14.96	48.61	68.30	-19.69	Peak	

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

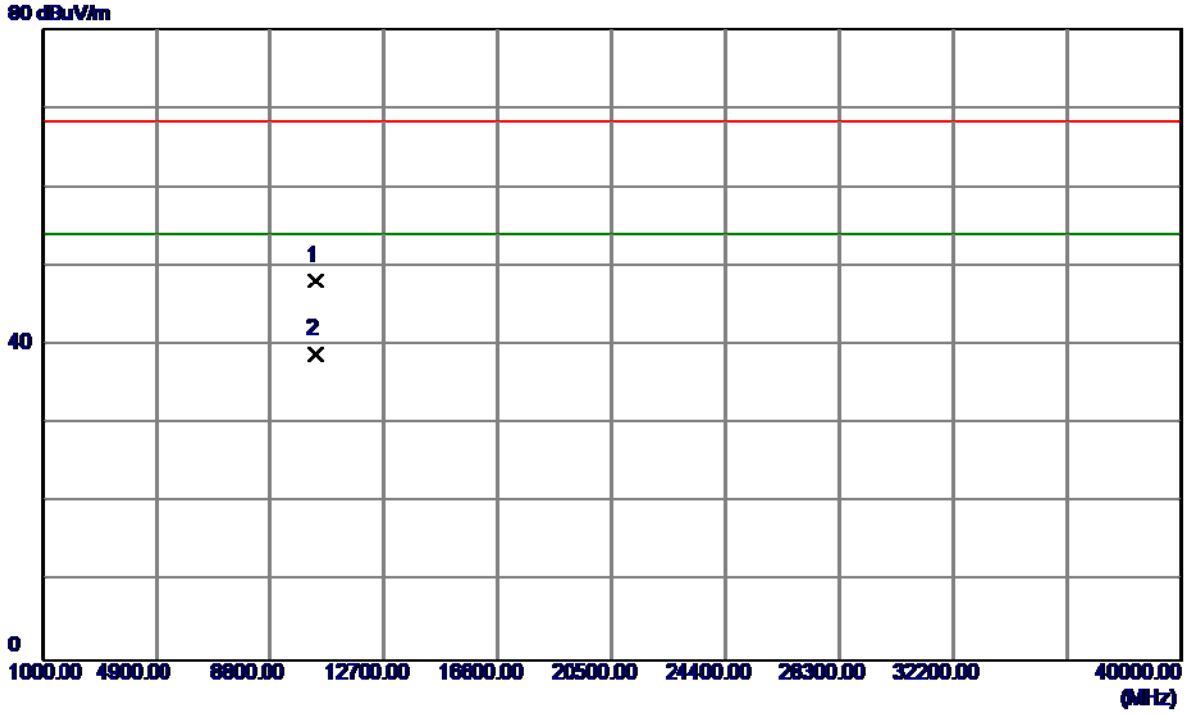
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	7.77	40.62	48.39	68.30	-19.91	Peak	
2	5150.0000	-0.24	40.62	40.38	54.00	-13.62	AVG	
3	5173.9000	54.97	40.70	95.67	68.30	27.37	Peak	No Limit
4 *	5174.3000	48.10	40.71	88.81	54.00	34.81	AVG	No Limit

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

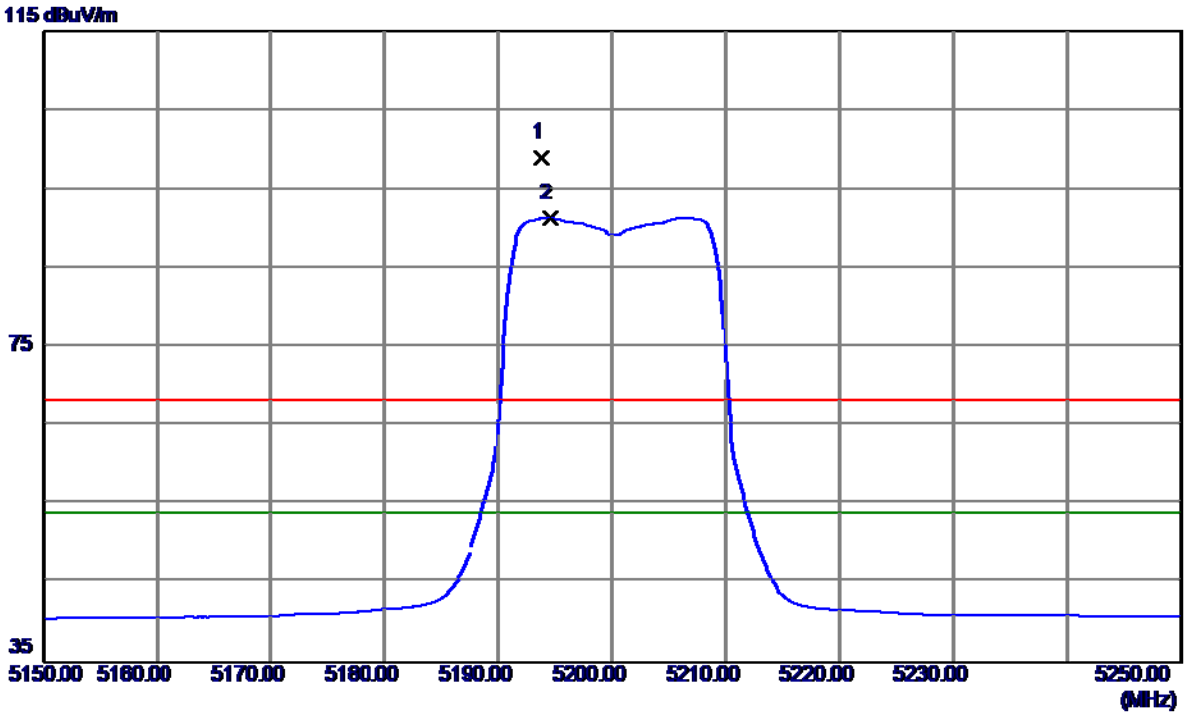
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.1100	33.15	14.96	48.11	68.30	-20.19	Peak	
2 *	10360.3900	23.86	14.96	38.82	54.00	-15.18	AVG	

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

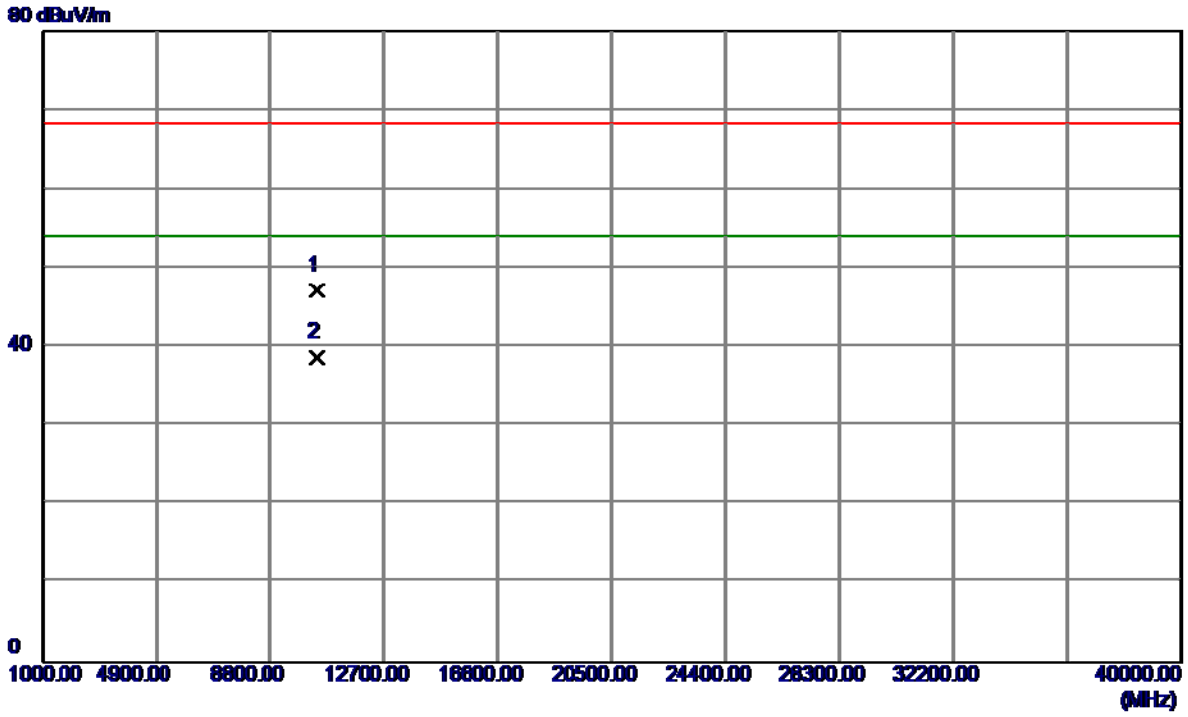
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5193.8000	58.21	40.77	98.98	68.30	30.68	Peak	No Limit
2 *	5194.5000	50.55	40.77	91.32	54.00	37.32	AVG	No Limit

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

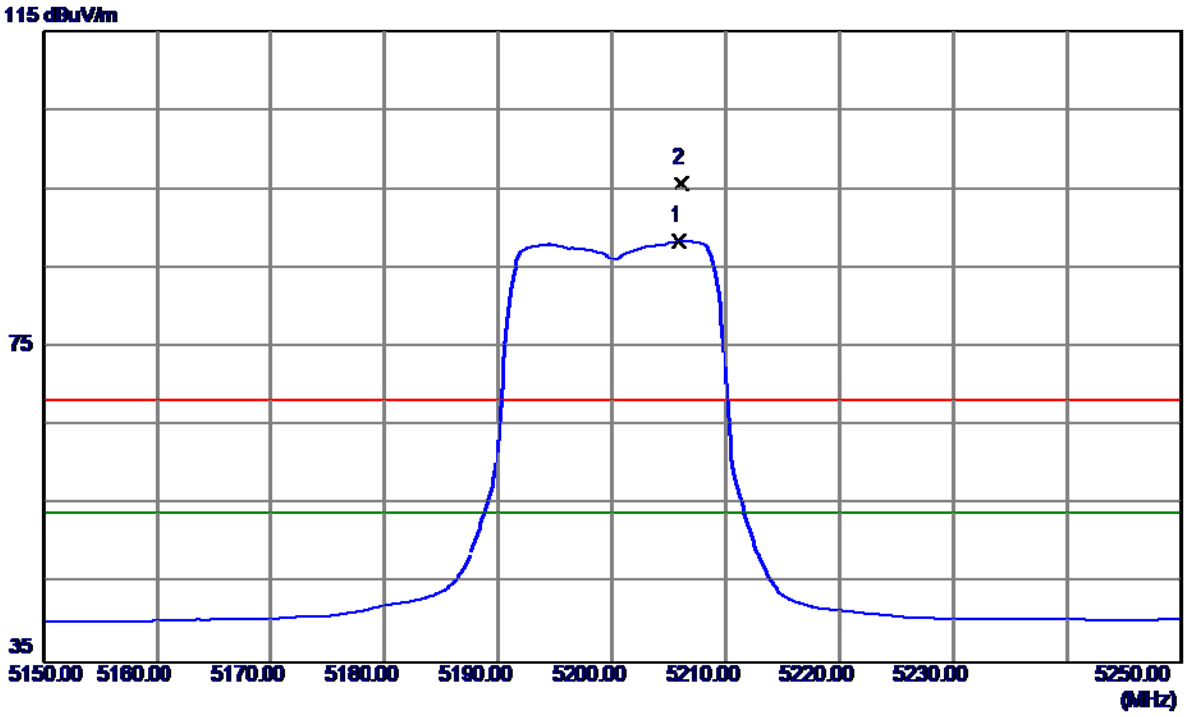
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.2699	32.19	15.06	47.25	68.30	-21.05	Peak	
2 *	10400.2900	23.60	15.06	38.66	54.00	-15.34	AVG	

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

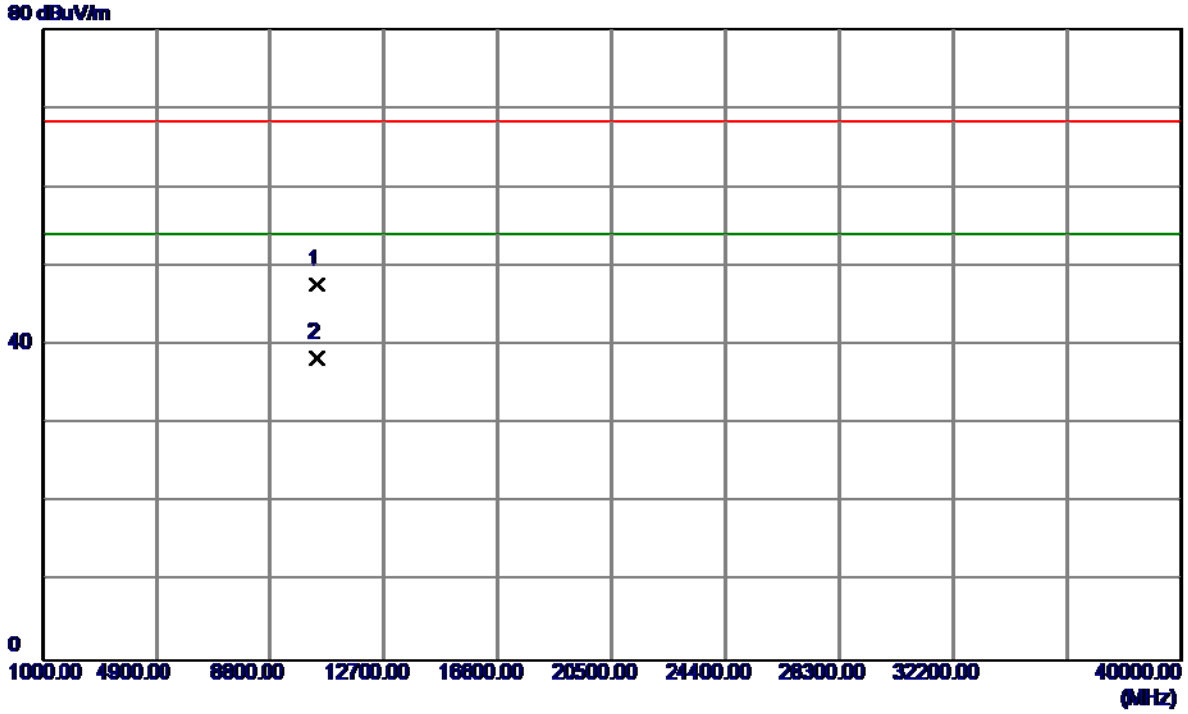
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5205.9000	47.68	40.81	88.49	54.00	34.49	AVG	No Limit
2	5206.1000	55.07	40.81	95.88	68.30	27.58	Peak	No Limit

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

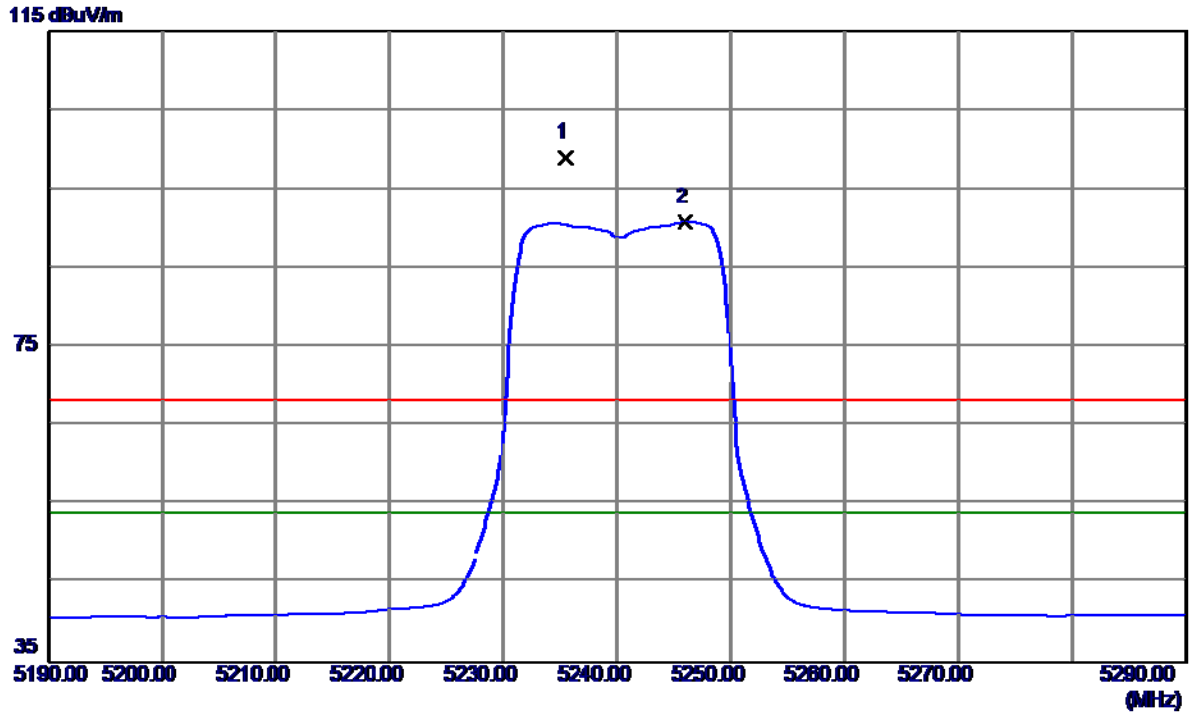
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.3300	32.60	15.06	47.66	68.30	-20.64	Peak	
2 *	10400.4200	23.41	15.06	38.47	54.00	-15.53	AVG	

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

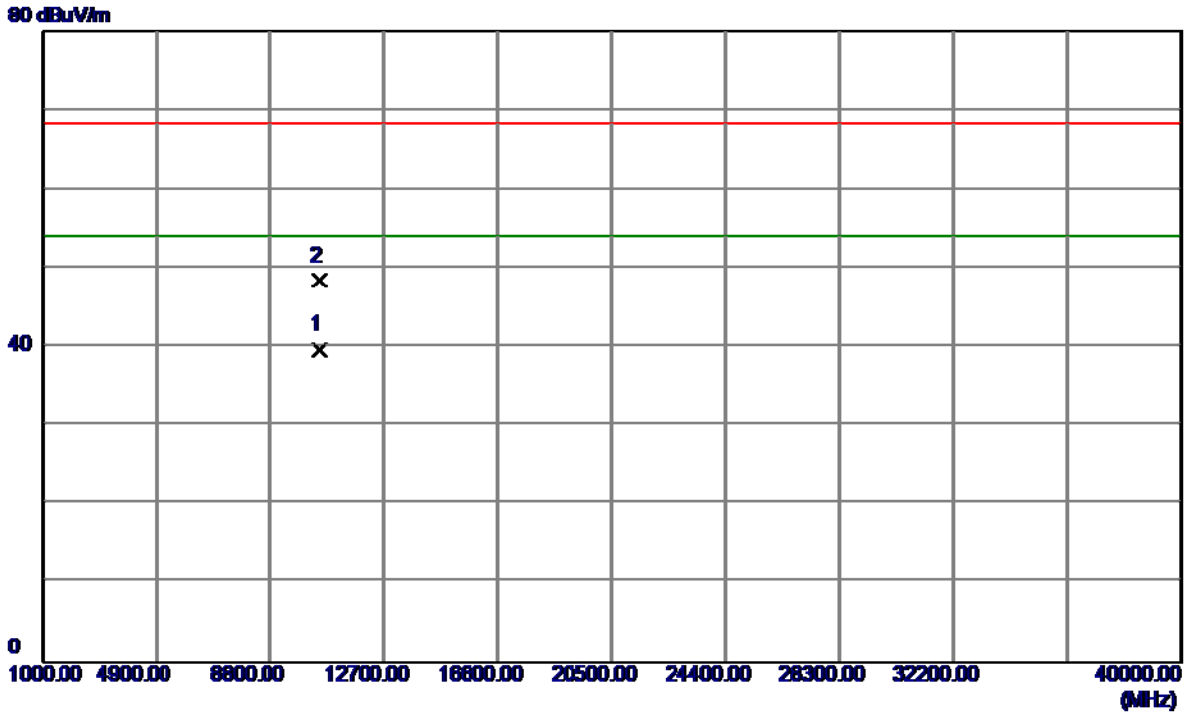
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5235.4000	58.12	40.91	99.03	68.30	30.73	Peak	No Limit
2 *	5246.0000	49.95	40.94	90.89	54.00	36.89	AVG	No Limit

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

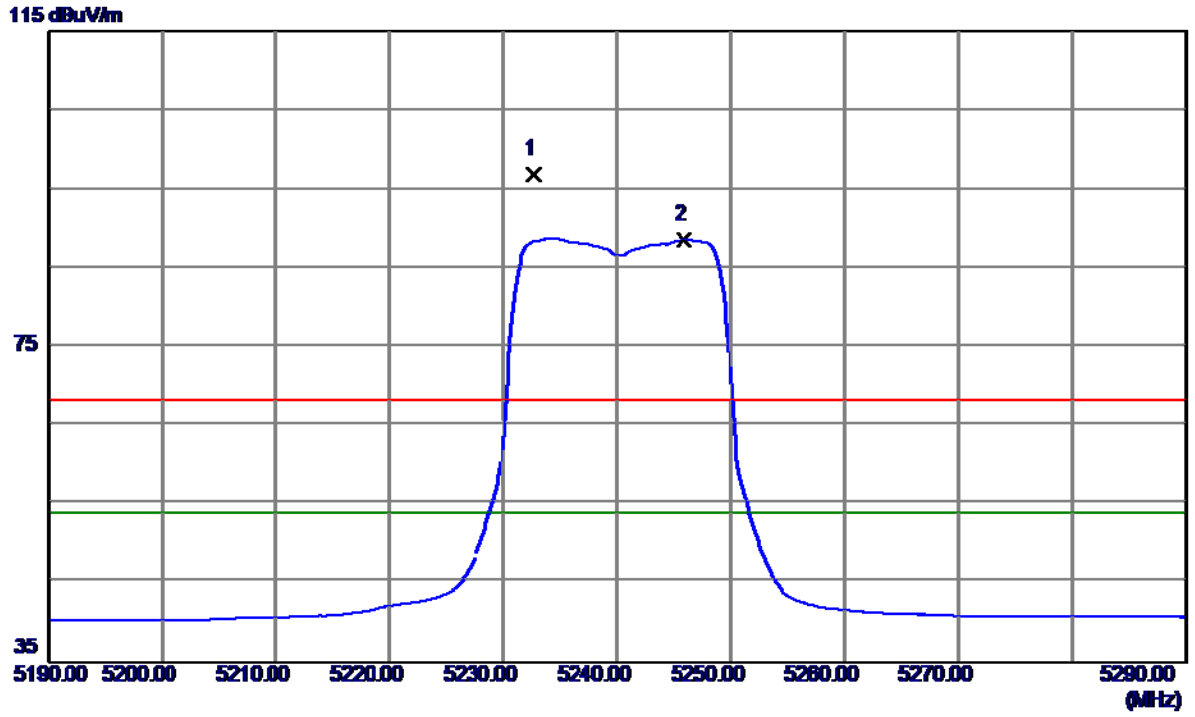
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.3200	24.50	15.24	39.74	54.00	-14.26	AVG	
2	10480.4400	33.16	15.24	48.40	68.30	-19.90	Peak	

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

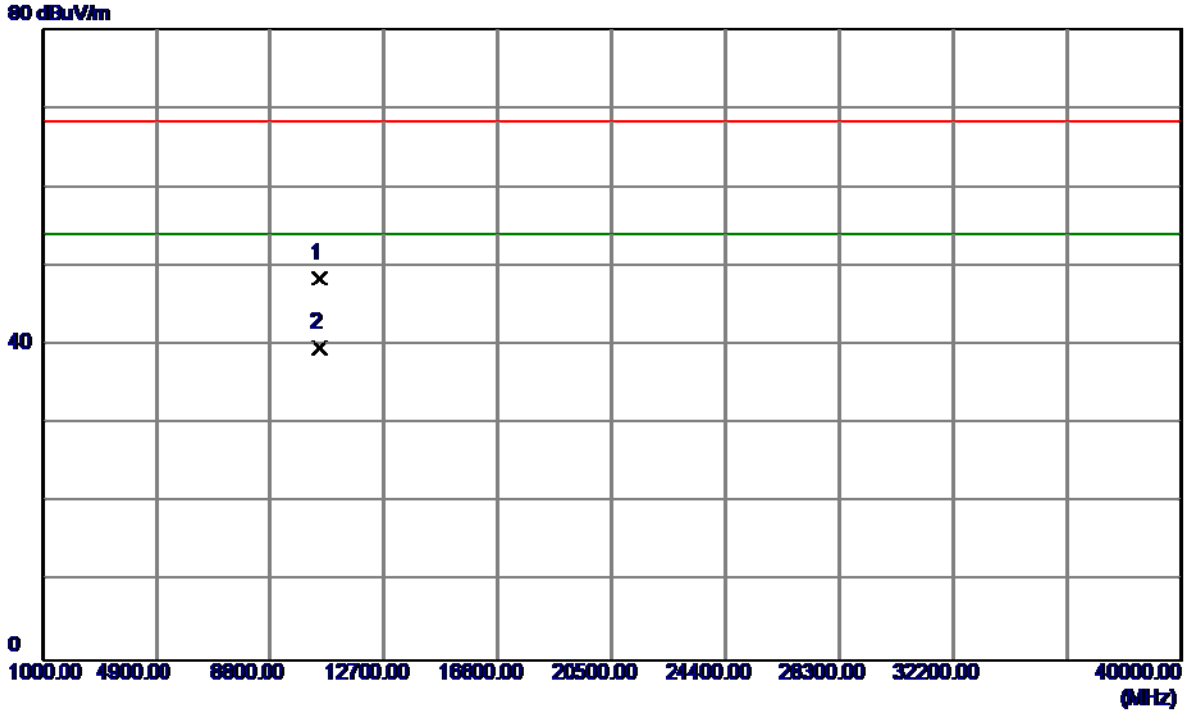
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.7000	56.01	40.90	96.91	68.30	28.61	Peak	No Limit
2 *	5245.9000	47.65	40.94	88.59	54.00	34.59	AVG	No Limit

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

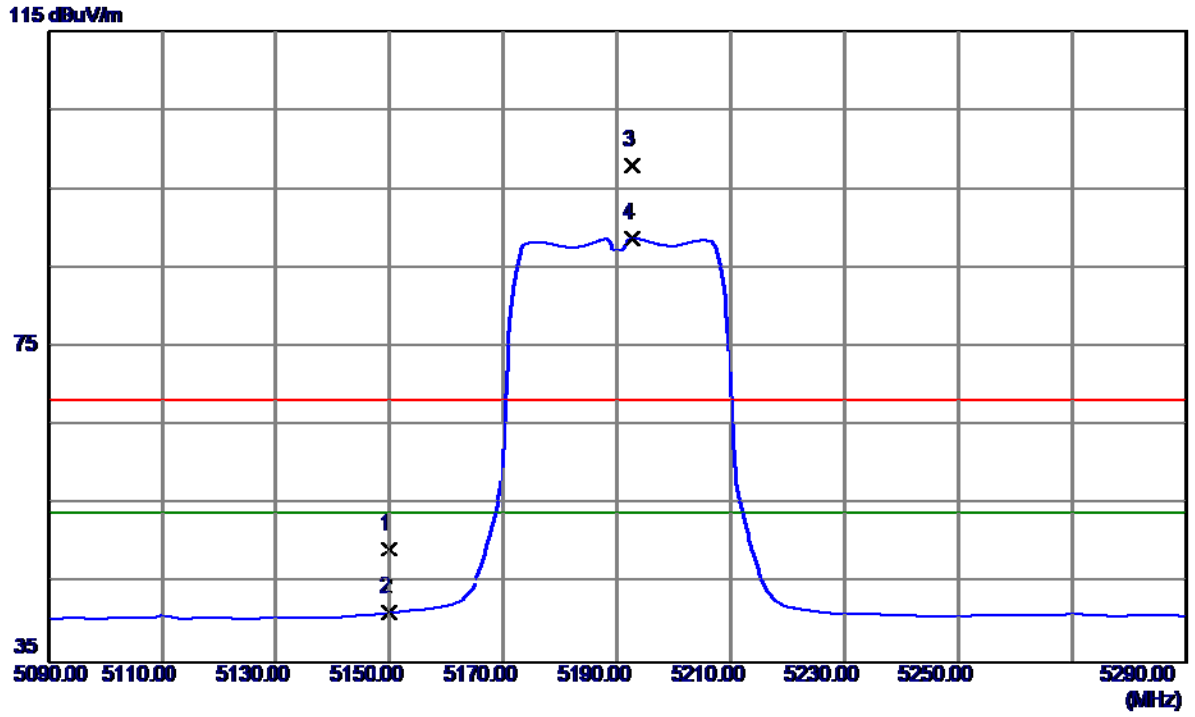
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.3300	33.31	15.24	48.55	68.30	-19.75	Peak	
2 *	10480.4200	24.52	15.24	39.76	54.00	-14.24	AVG	

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

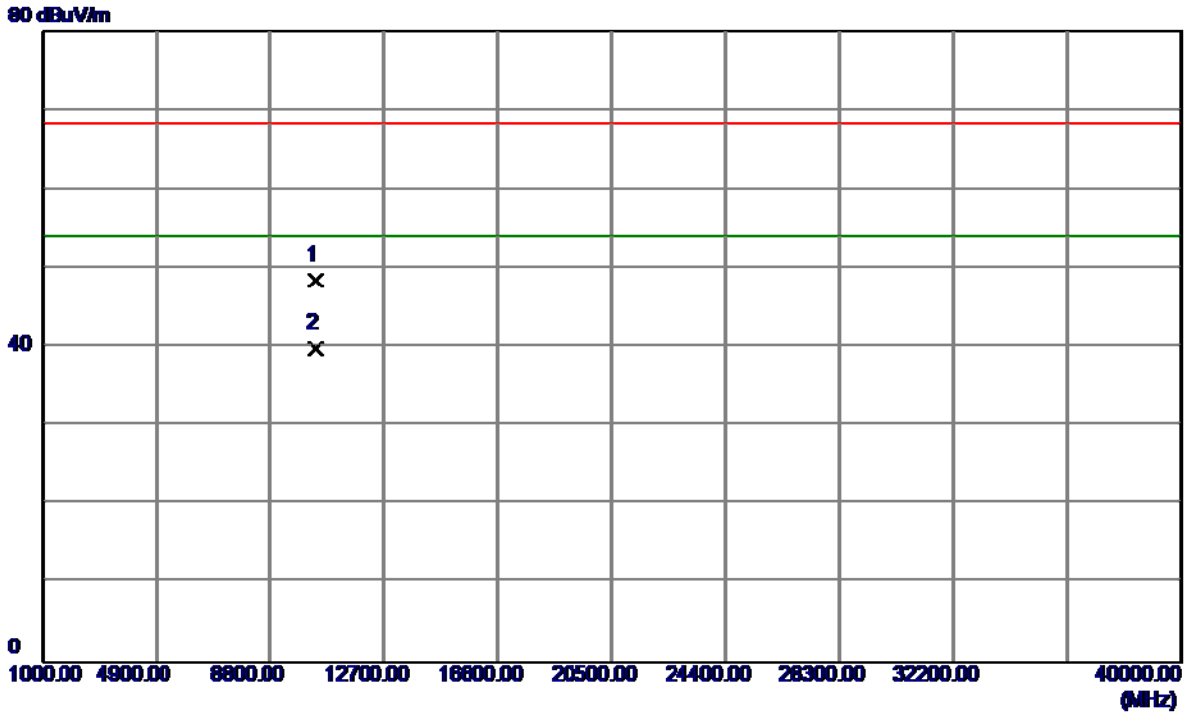
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.72	40.62	49.34	68.30	-18.96	Peak	
2	5150.0000	0.72	40.62	41.34	54.00	-12.66	AVG	
3	5192.6000	57.24	40.77	98.01	68.30	29.71	Peak	No Limit
4 *	5192.6000	48.06	40.77	88.83	54.00	34.83	AVG	No Limit

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

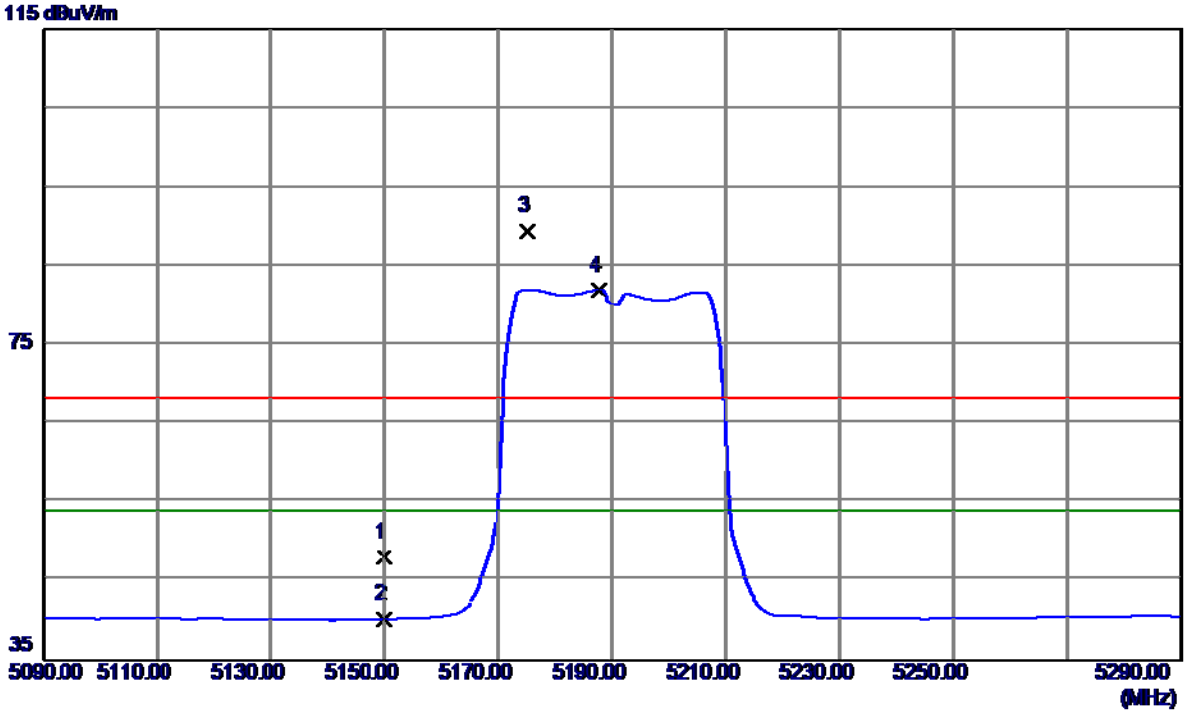
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.3400	33.54	15.01	48.55	68.30	-19.75	Peak	
2 *	10380.3400	24.82	15.01	39.83	54.00	-14.17	AVG	

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

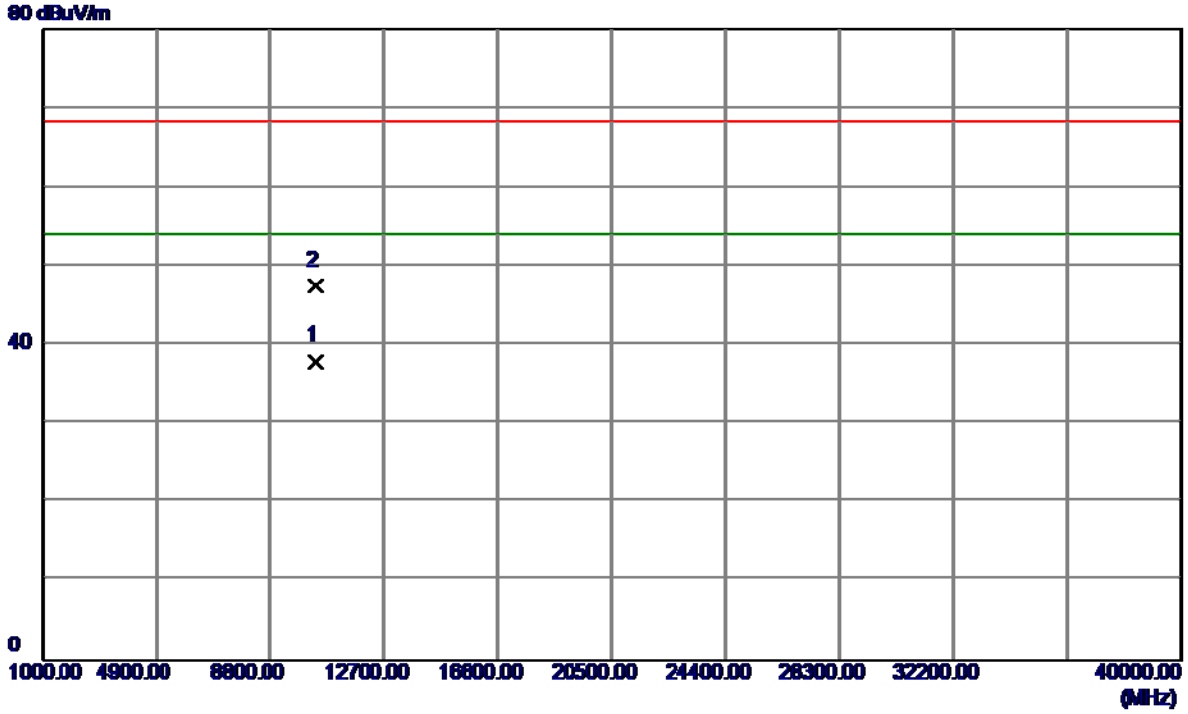
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	7.53	40.62	48.15	68.30	-20.15	Peak	
2	5150.0000	-0.33	40.62	40.29	54.00	-13.71	AVG	
3	5175.2000	48.69	40.71	89.40	68.30	21.10	Peak	No Limit
4 *	5187.8000	41.17	40.75	81.92	54.00	27.92	AVG	No Limit

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

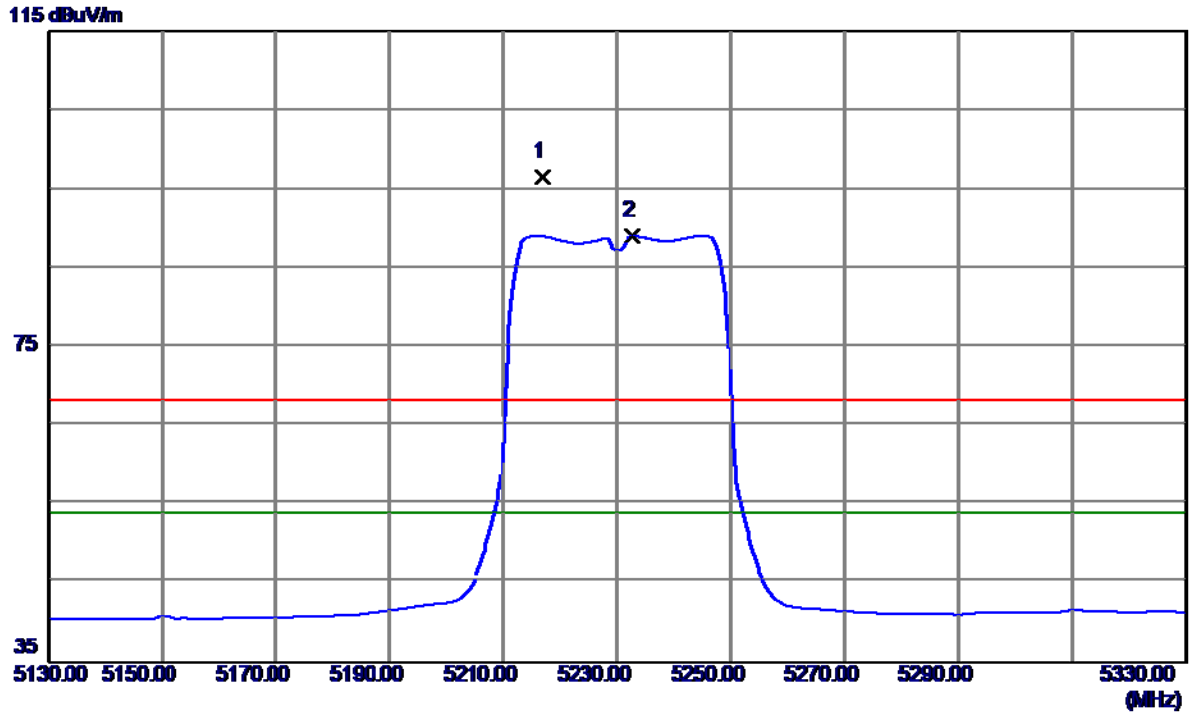
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.3200	22.99	15.01	38.00	54.00	-16.00	AVG	
2	10380.4000	32.46	15.01	47.47	68.30	-20.83	Peak	

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

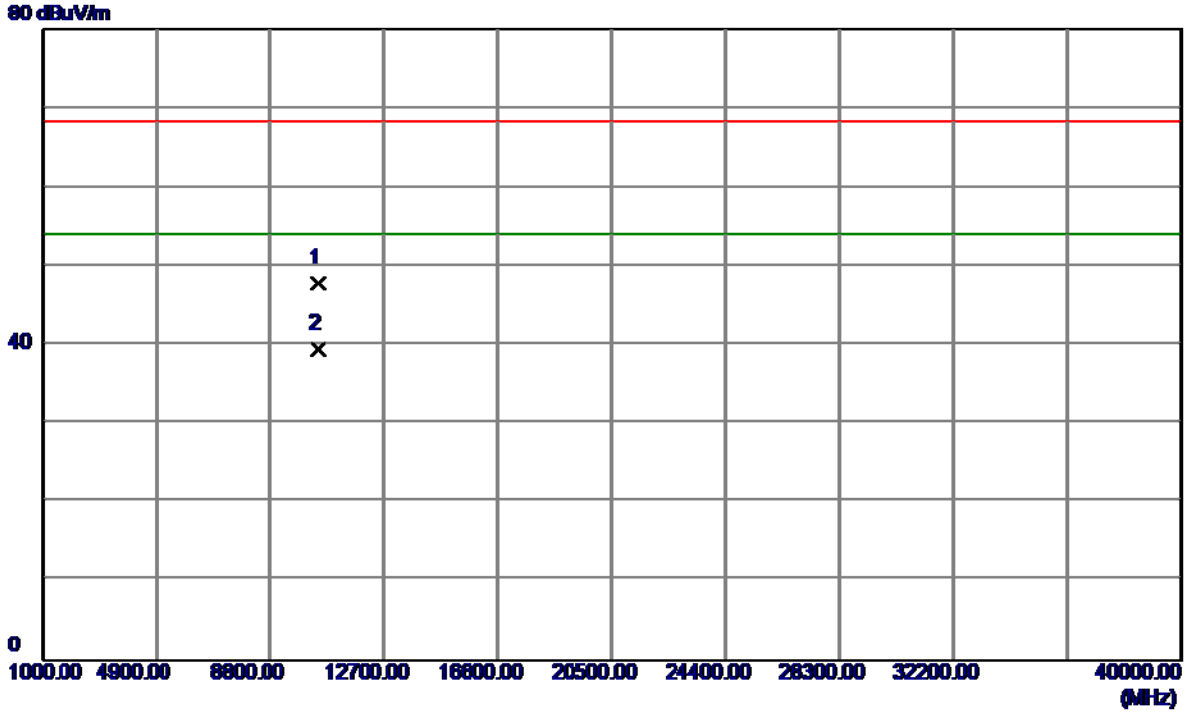
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5216.8000	55.76	40.85	96.61	68.30	28.31	Peak	No Limit
2 *	5232.6000	48.22	40.90	89.12	54.00	35.12	AVG	No Limit

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

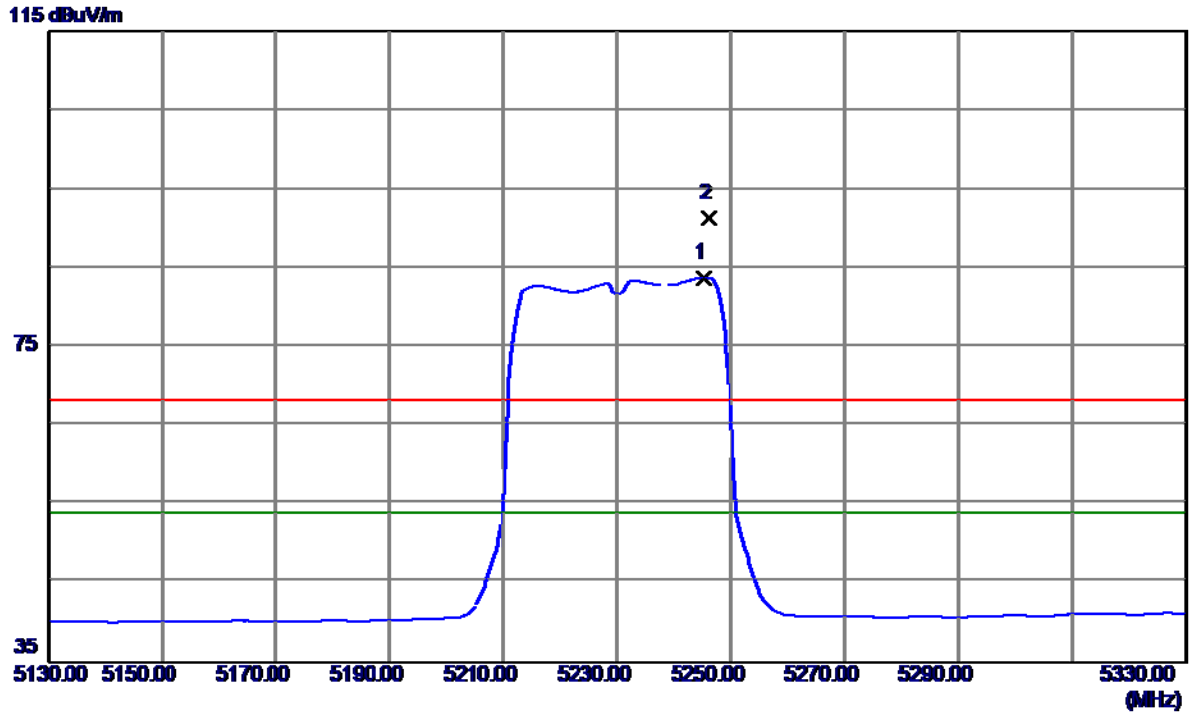
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.3300	32.57	15.20	47.77	68.30	-20.53	Peak	
2 *	10460.3300	24.38	15.20	39.58	54.00	-14.42	AVG	

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

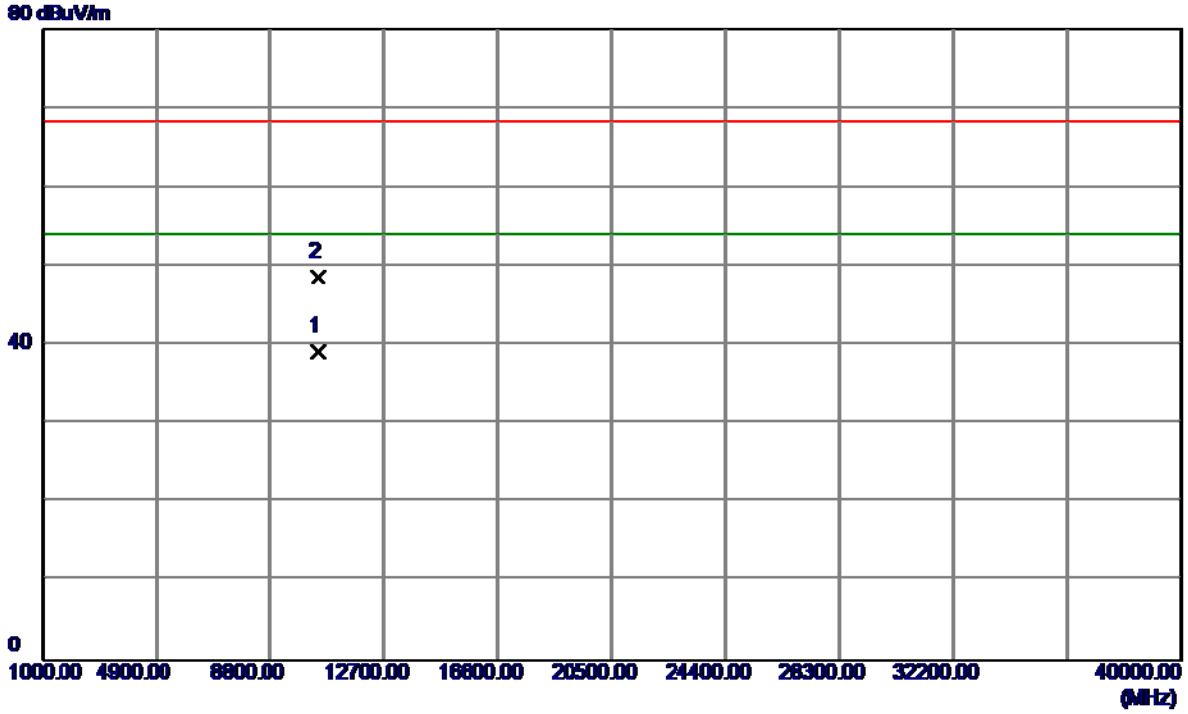
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.4000	42.93	40.94	83.87	54.00	29.87	AVG	No Limit
2	5246.2000	50.36	40.94	91.30	68.30	23.00	Peak	No Limit

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

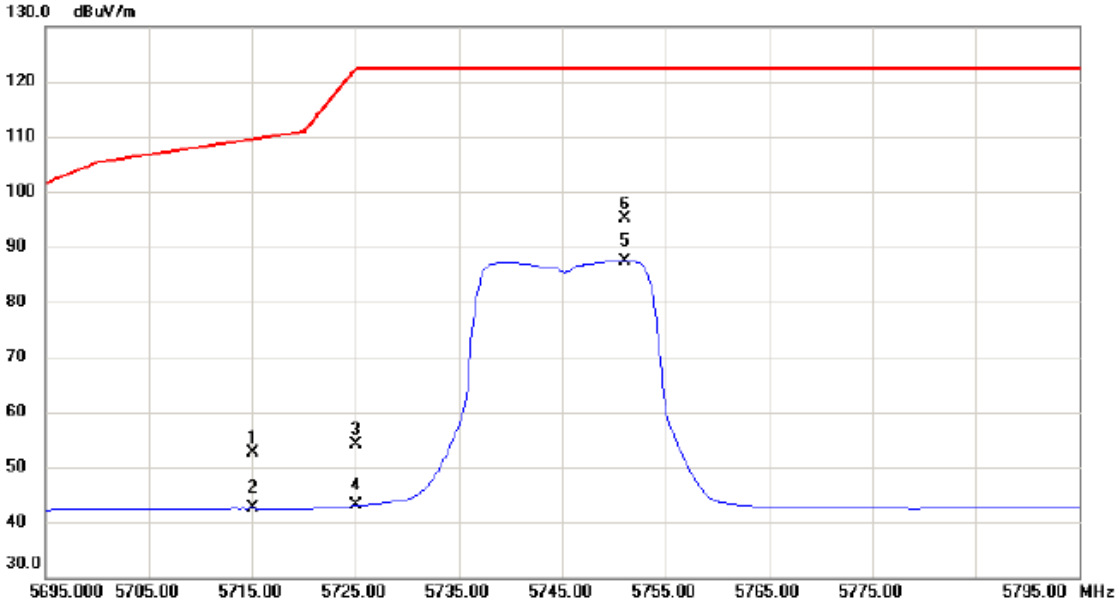
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.4400	24.07	15.20	39.27	54.00	-14.73	AVG	
2	10460.4600	33.44	15.20	48.64	68.30	-19.66	Peak	

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

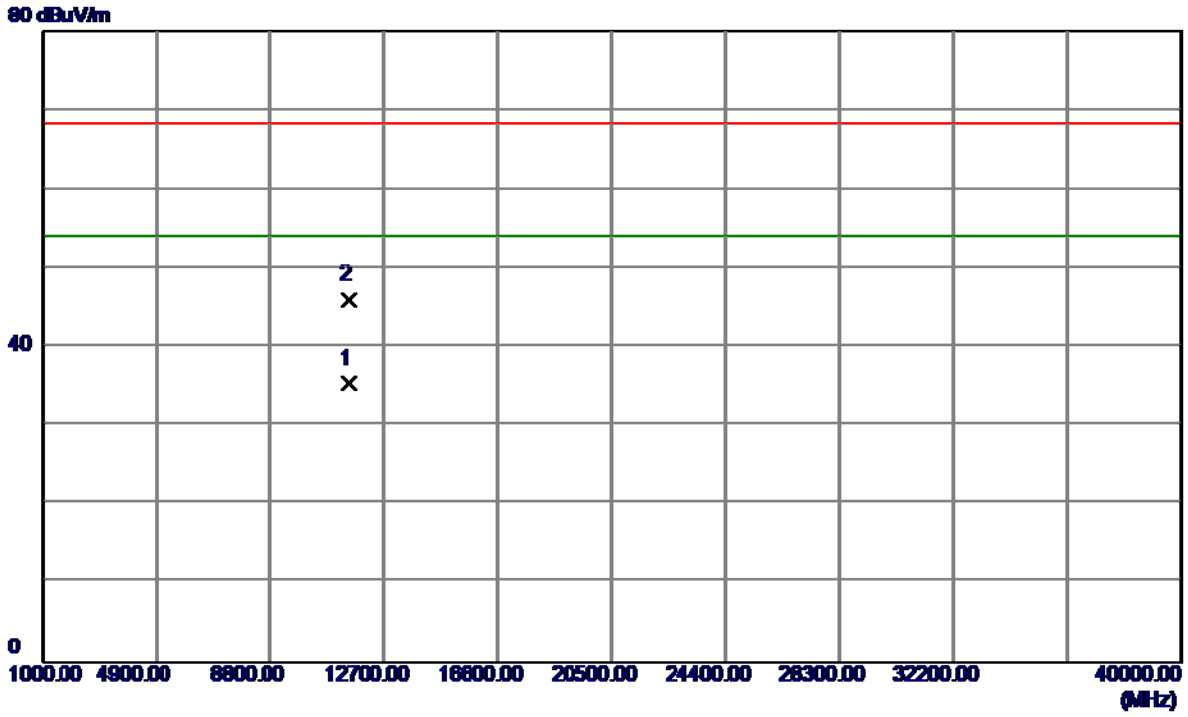
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	9.96	42.55	52.51	109.50	-56.99	peak	
2		5715.000	-0.04	42.55	42.51	109.50	-66.99	AVG	
3		5725.000	11.54	42.58	54.12	122.30	-68.18	peak	
4		5725.000	0.47	42.58	43.05	122.30	-79.25	AVG	
5		5751.000	44.75	42.67	87.42	122.30	-34.88	AVG	
6	*	5751.100	52.47	42.67	95.14	122.30	-27.16	peak	

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

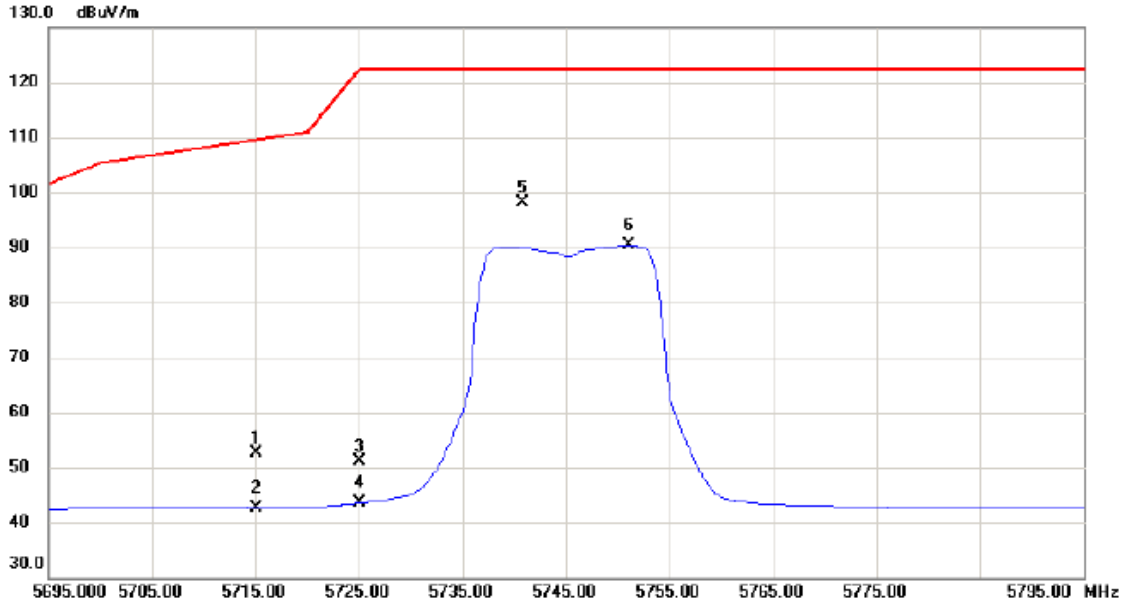
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4200	19.85	15.49	35.34	54.00	-18.66	AVG	
2	11490.1600	30.51	15.49	46.00	68.30	-22.30	Peak	

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

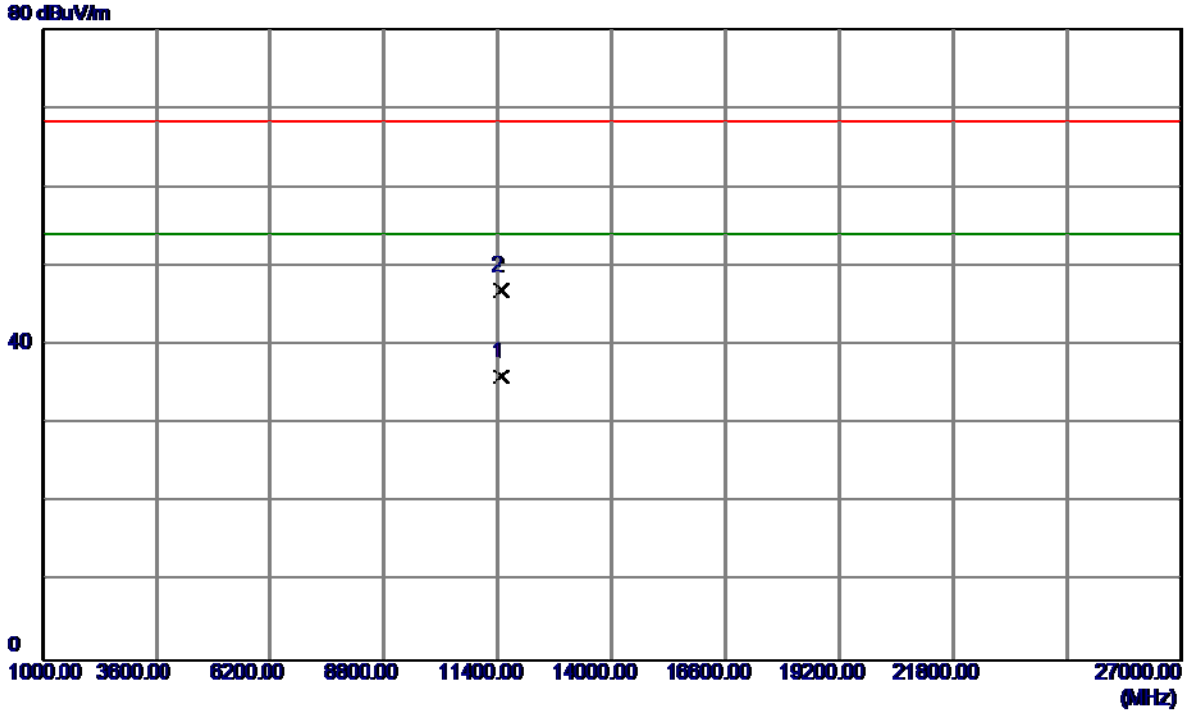
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	10.20	42.55	52.75	109.50	-56.75	peak	
2		5715.000	0.19	42.55	42.74	109.50	-66.76	AVG	
3		5725.000	8.65	42.58	51.23	122.30	-71.07	peak	
4		5725.000	1.02	42.58	43.60	122.30	-78.70	AVG	
5	*	5740.800	55.47	42.64	98.11	122.30	-24.19	peak	
6		5751.100	47.67	42.67	90.34	122.30	-31.96	AVG	

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

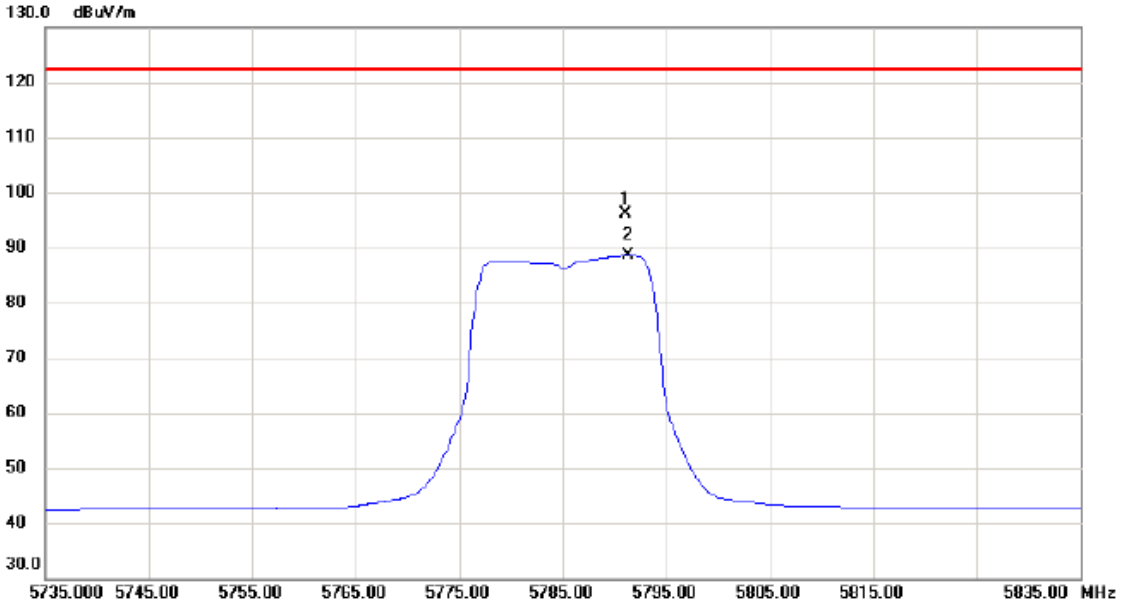
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4400	20.51	15.49	36.00	54.00	-18.00	AVG	
2	11490.1000	31.35	15.49	46.84	68.30	-21.46	Peak	

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

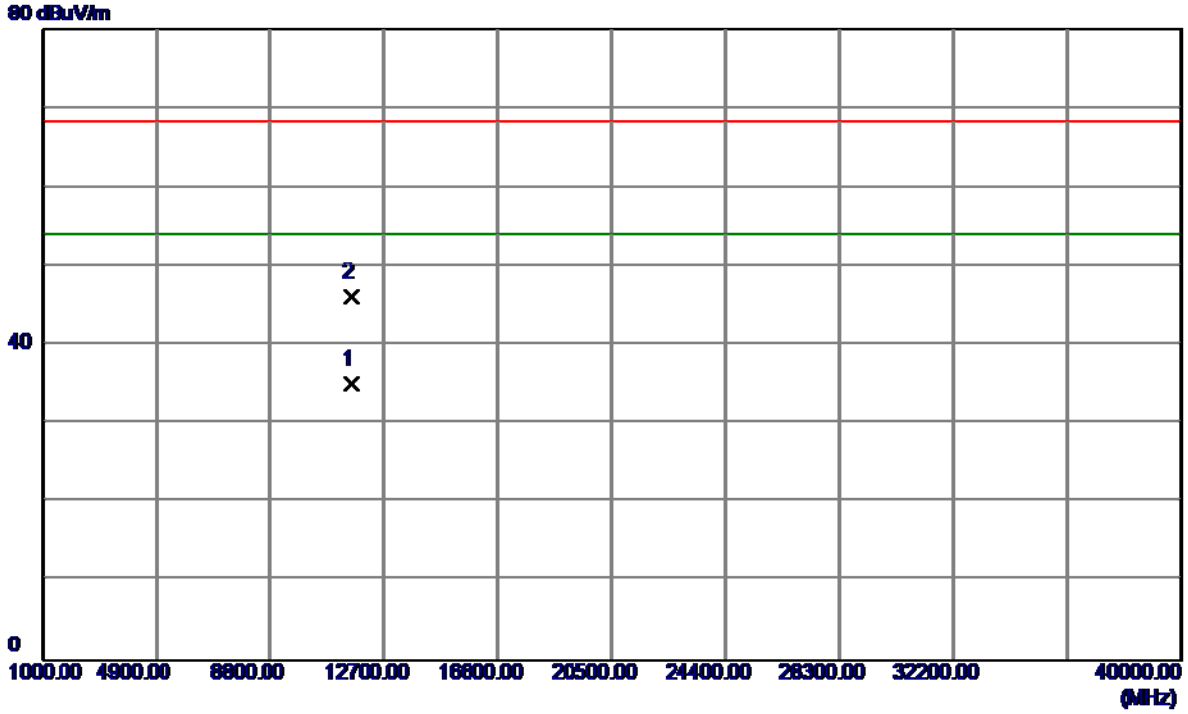
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5791.000	53.20	42.82	96.02	122.30	-26.28	peak	
2		5791.300	45.77	42.82	88.59	122.30	-33.71	AVG	

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

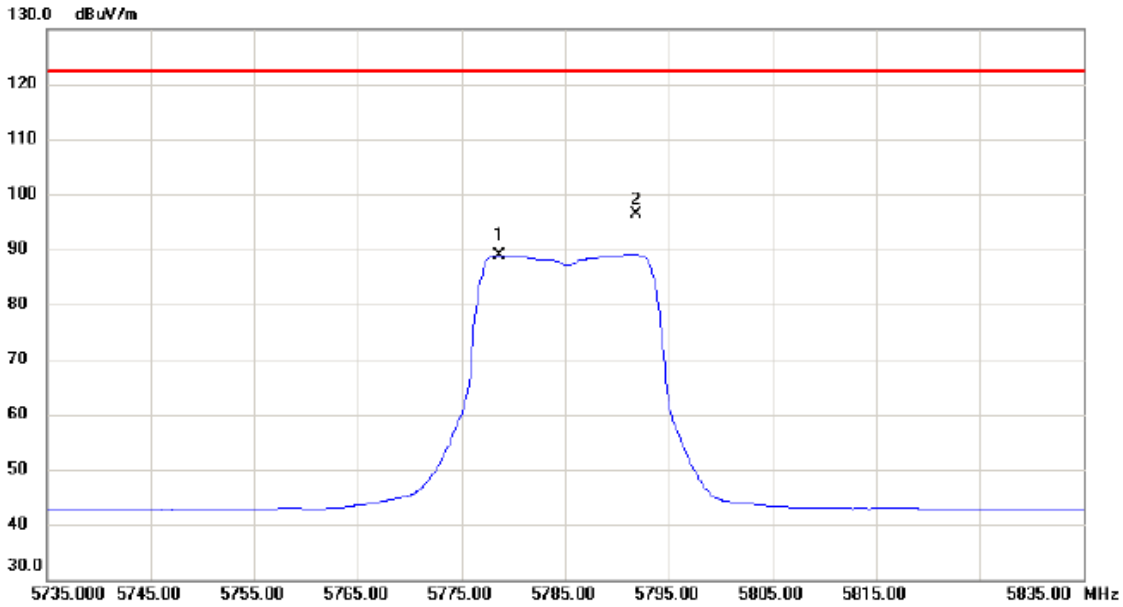
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.8120	19.52	15.48	35.00	54.00	-19.00	AVG	
2	11570.0700	30.55	15.48	46.03	68.30	-22.27	Peak	

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

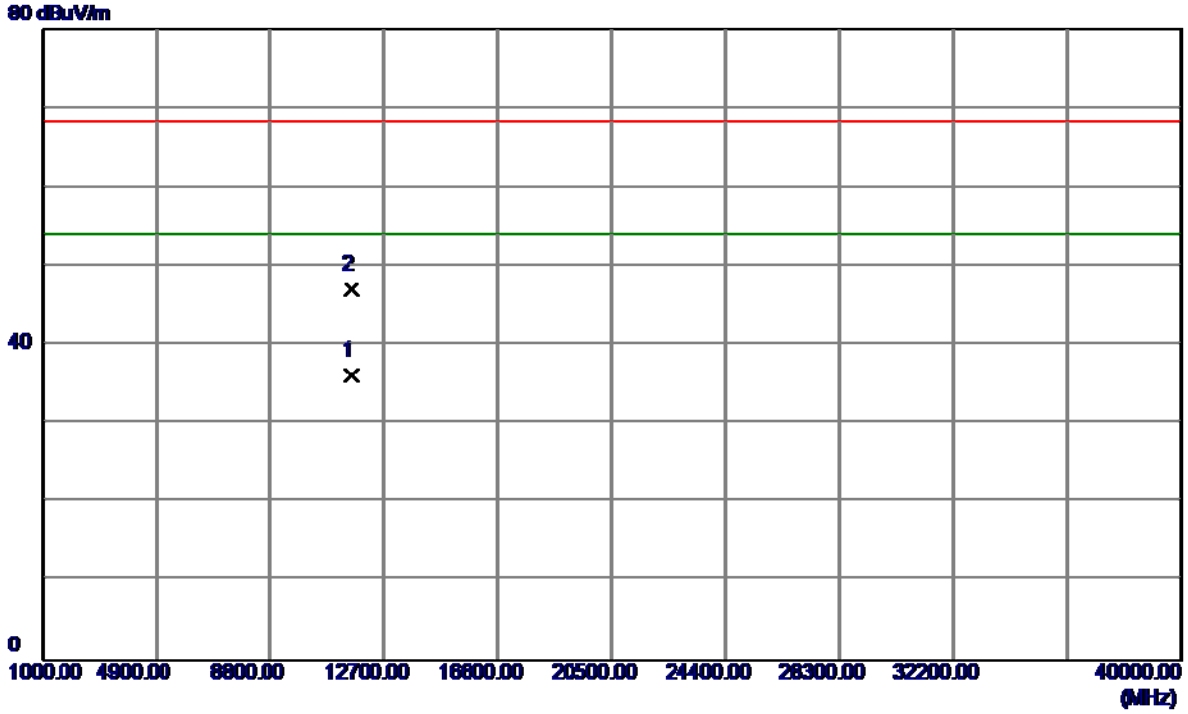
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5778.600	46.22	42.77	88.99	122.30	-33.31	AVG	
2	*	5791.800	53.67	42.82	96.49	122.30	-25.81	peak	

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

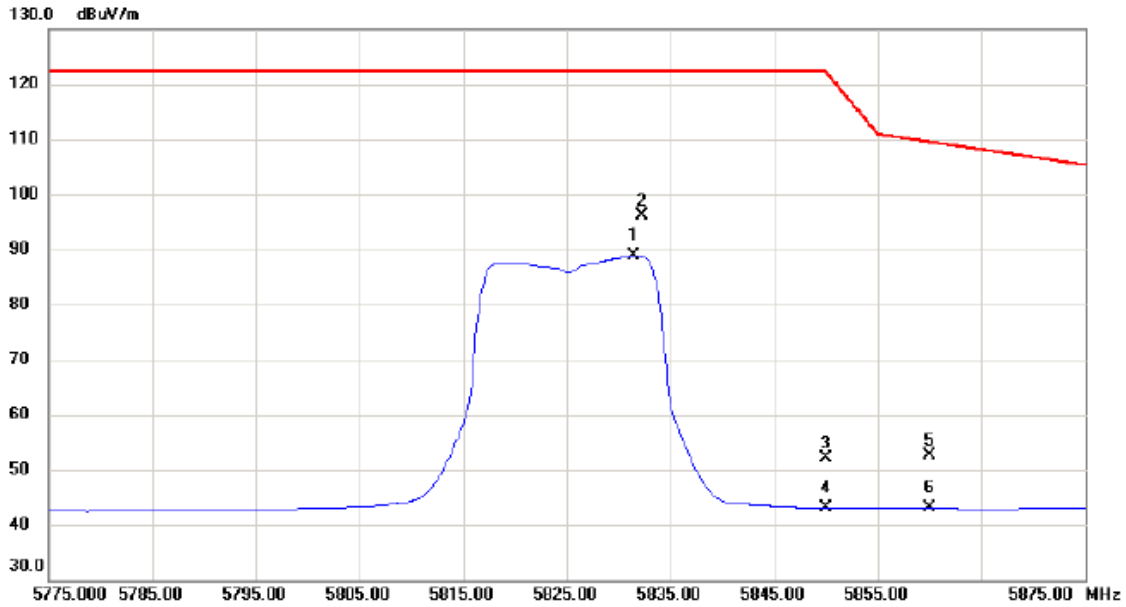
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.6200	20.63	15.48	36.11	54.00	-17.89	AVG	
2	11569.7380	31.60	15.48	47.08	68.30	-21.22	Peak	

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

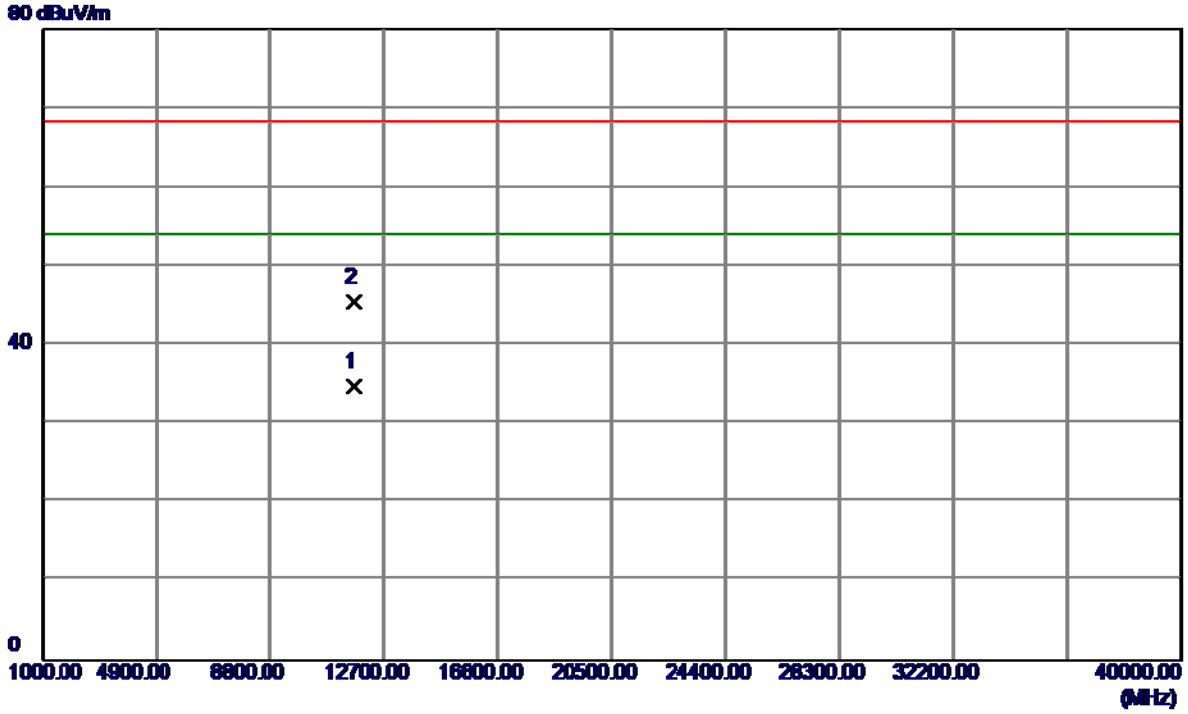
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5831.500	45.84	42.96	88.80	122.30	-33.50	AVG	
2	*	5832.300	53.11	42.97	96.08	122.30	-26.22	peak	
3		5850.000	9.17	43.03	52.20	122.30	-70.10	peak	
4		5850.000	0.00	43.03	43.03	122.30	-79.27	AVG	
5		5860.000	9.54	43.06	52.60	109.50	-56.90	peak	
6		5860.000	0.02	43.06	43.08	109.50	-66.42	AVG	

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

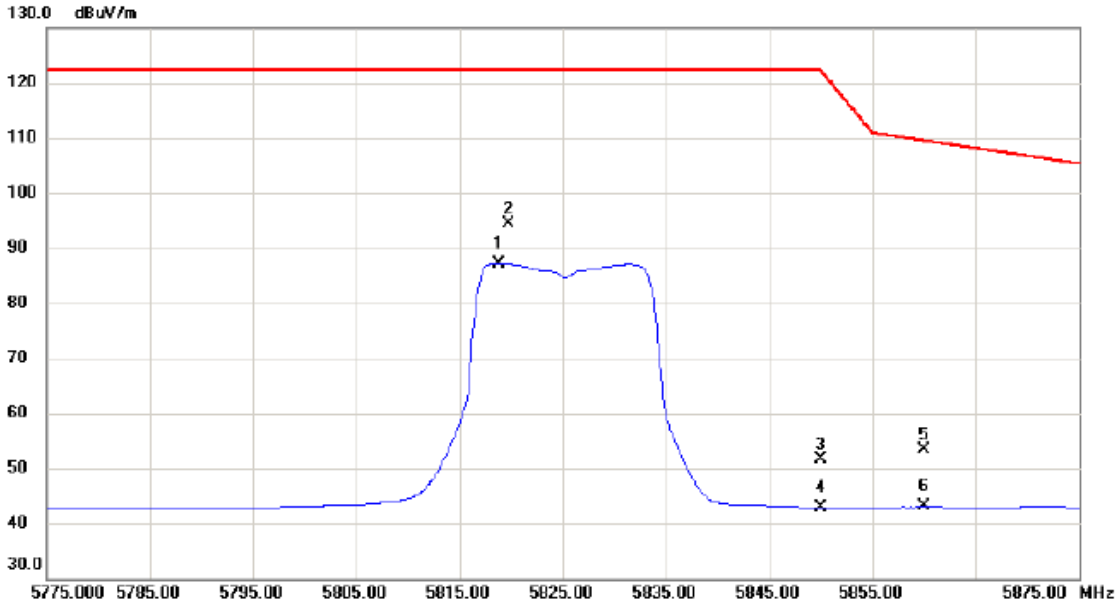
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.6960	19.17	15.48	34.65	54.00	-19.35	AVG	
2	11649.8600	30.02	15.48	45.50	68.30	-22.80	Peak	

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

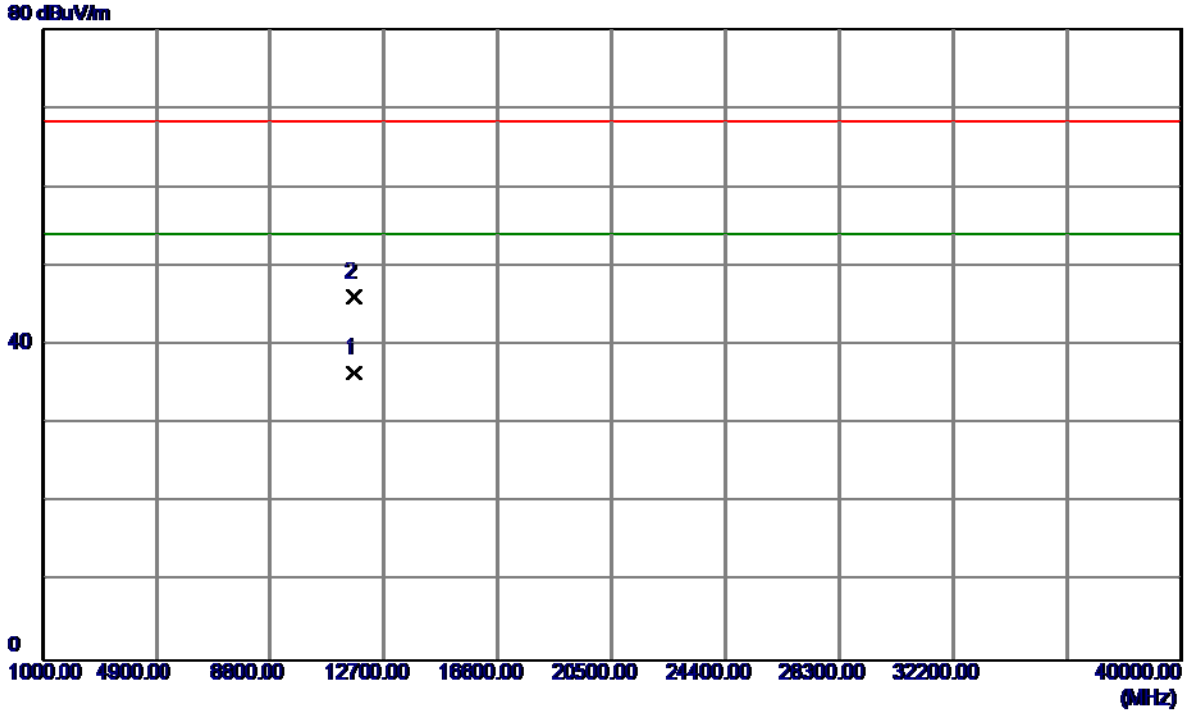
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5818.800	44.28	42.92	87.20	122.30	-35.10	AVG	
2	*	5819.700	51.47	42.92	94.39	122.30	-27.91	peak	
3		5850.000	8.53	43.03	51.56	122.30	-70.74	peak	
4		5850.000	-0.11	43.03	42.92	122.30	-79.38	AVG	
5		5860.000	10.26	43.06	53.32	109.50	-56.18	peak	
6		5860.000	-0.05	43.06	43.01	109.50	-66.49	AVG	

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

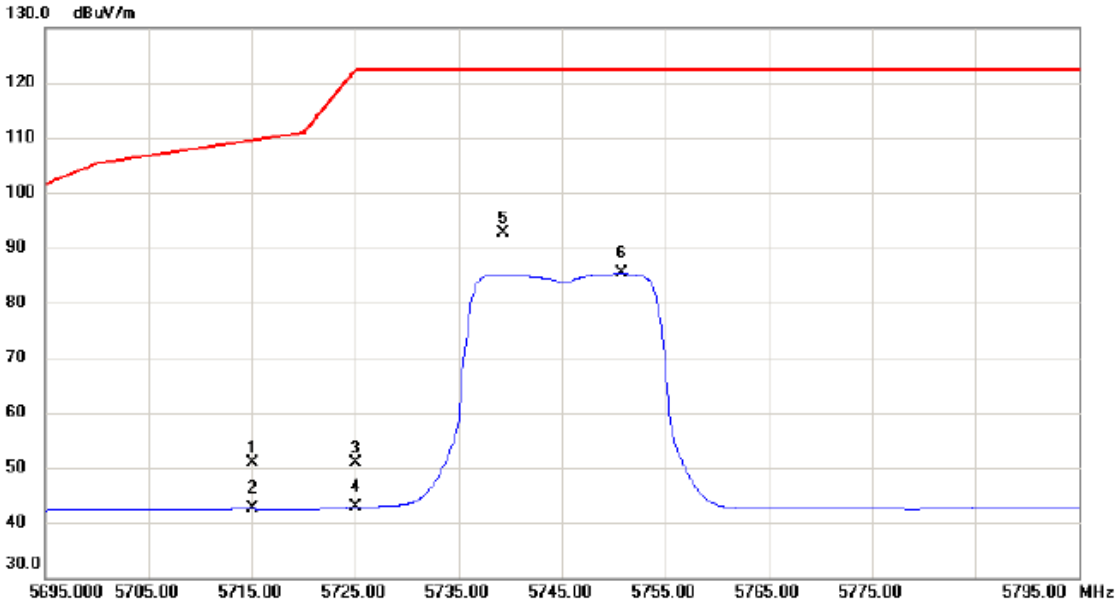
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.9300	20.97	15.48	36.45	54.00	-17.55	AVG	
2	11650.3880	30.66	15.48	46.14	68.30	-22.16	Peak	

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

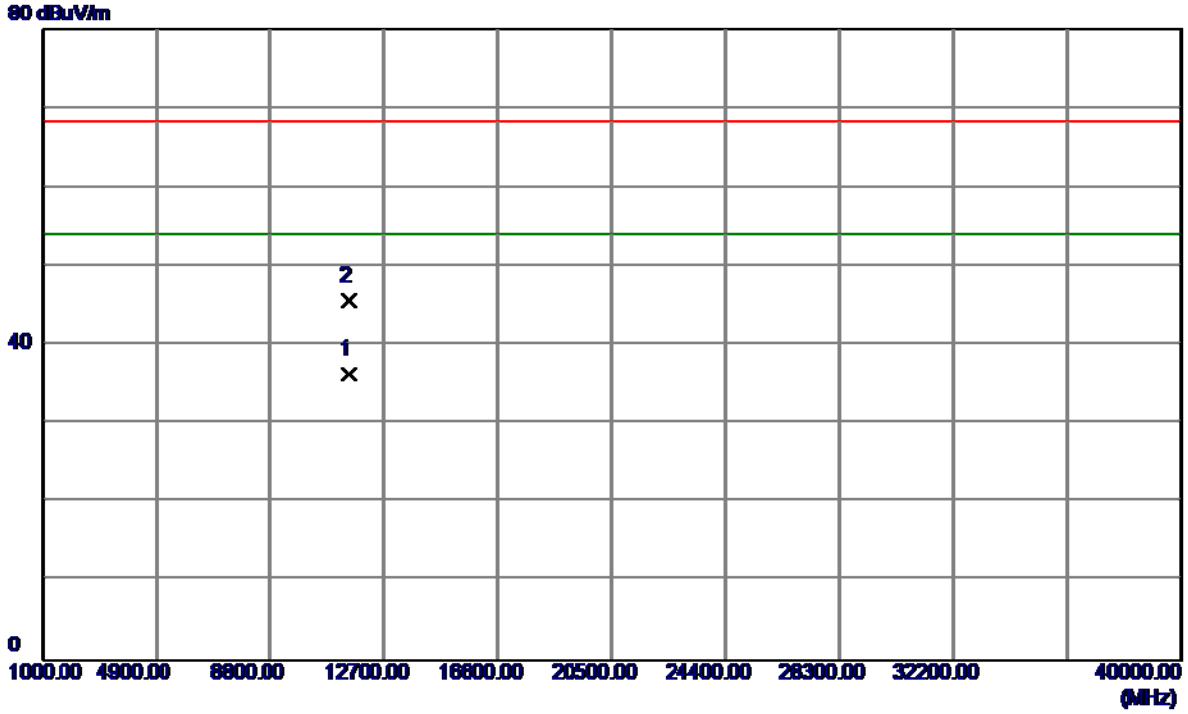
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	8.36	42.55	50.91	109.50	-58.59	peak	
2		5715.000	-0.04	42.55	42.51	109.50	-66.99	AVG	
3		5725.000	8.41	42.58	50.99	122.30	-71.31	peak	
4		5725.000	0.25	42.58	42.83	122.30	-79.47	AVG	
5	*	5739.400	50.10	42.63	92.73	122.30	-29.57	peak	
6		5750.800	42.69	42.67	85.36	122.30	-36.94	AVG	

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

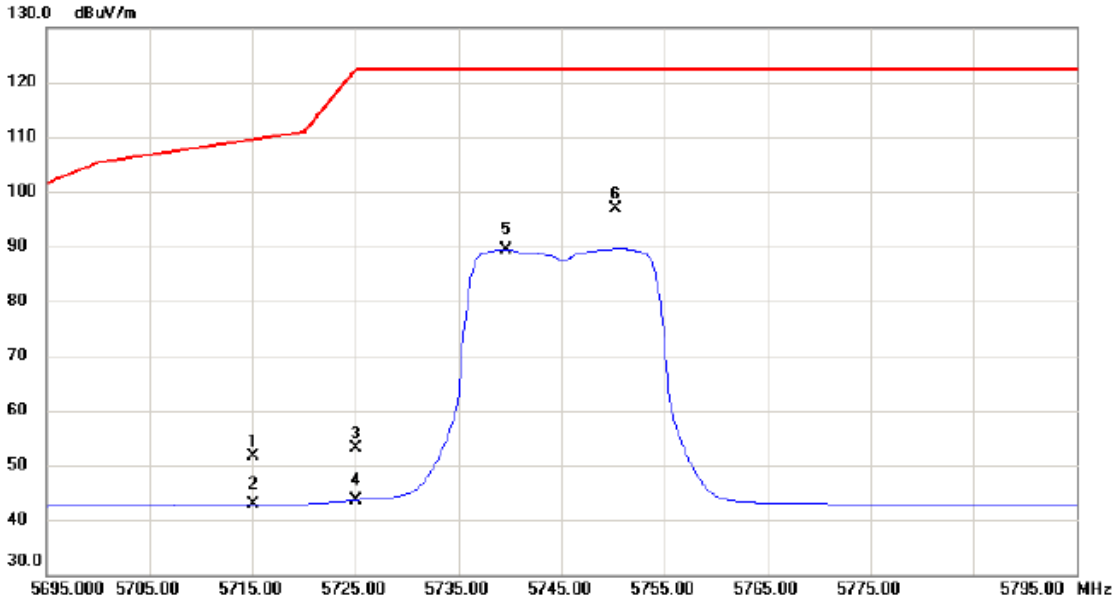
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4460	20.77	15.49	36.26	54.00	-17.74	AVG	
2	11490.4480	30.14	15.49	45.63	68.30	-22.67	Peak	

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

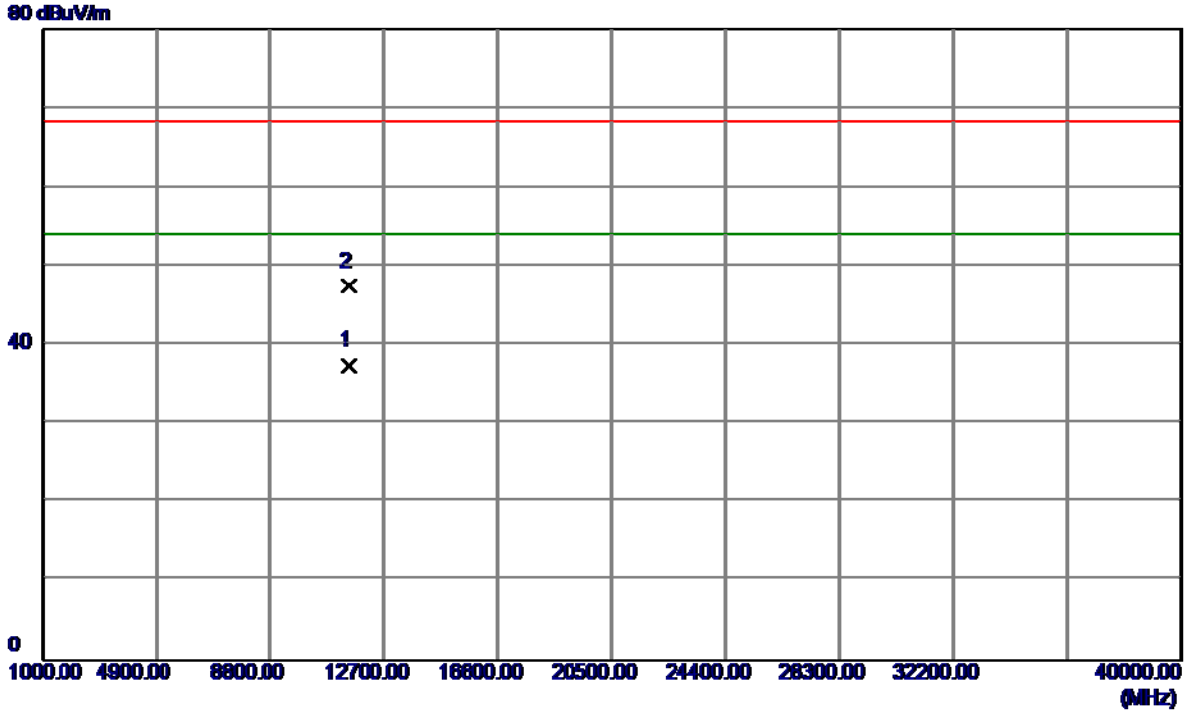
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	9.19	42.55	51.74	109.50	-57.76	peak	
2		5715.000	0.31	42.55	42.86	109.50	-66.64	AVG	
3		5725.000	10.45	42.58	53.03	122.30	-69.27	peak	
4		5725.000	1.10	42.58	43.68	122.30	-78.62	AVG	
5		5739.600	46.82	42.64	89.46	122.30	-32.84	AVG	
6	*	5750.300	54.19	42.67	96.86	122.30	-25.44	peak	

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

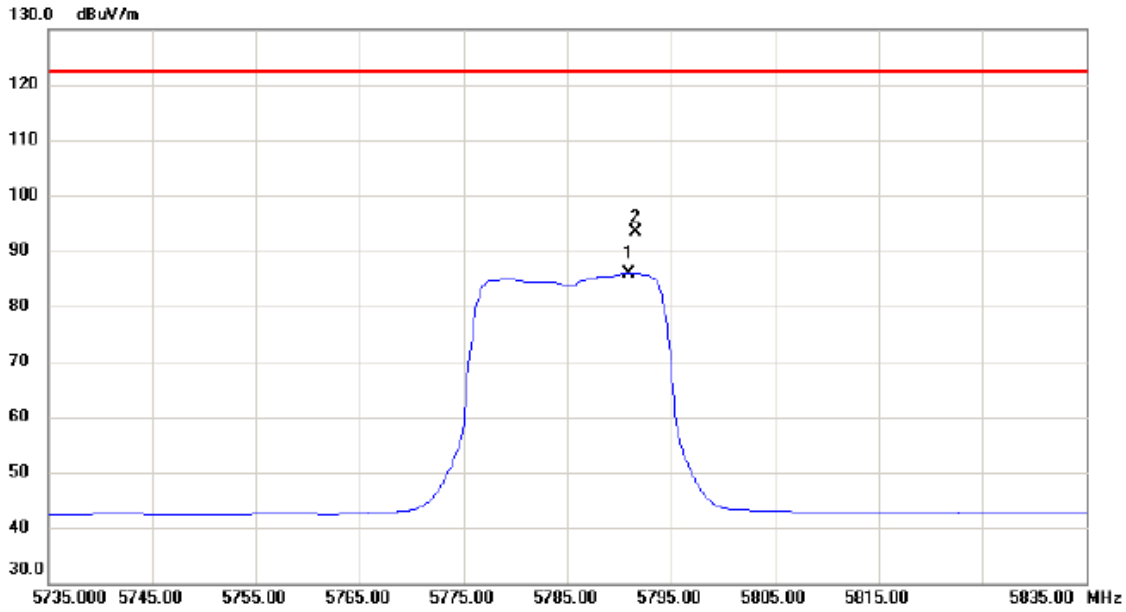
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.5359	21.97	15.49	37.46	54.00	-16.54	AVG	
2	11490.4700	31.95	15.49	47.44	68.30	-20.86	Peak	

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

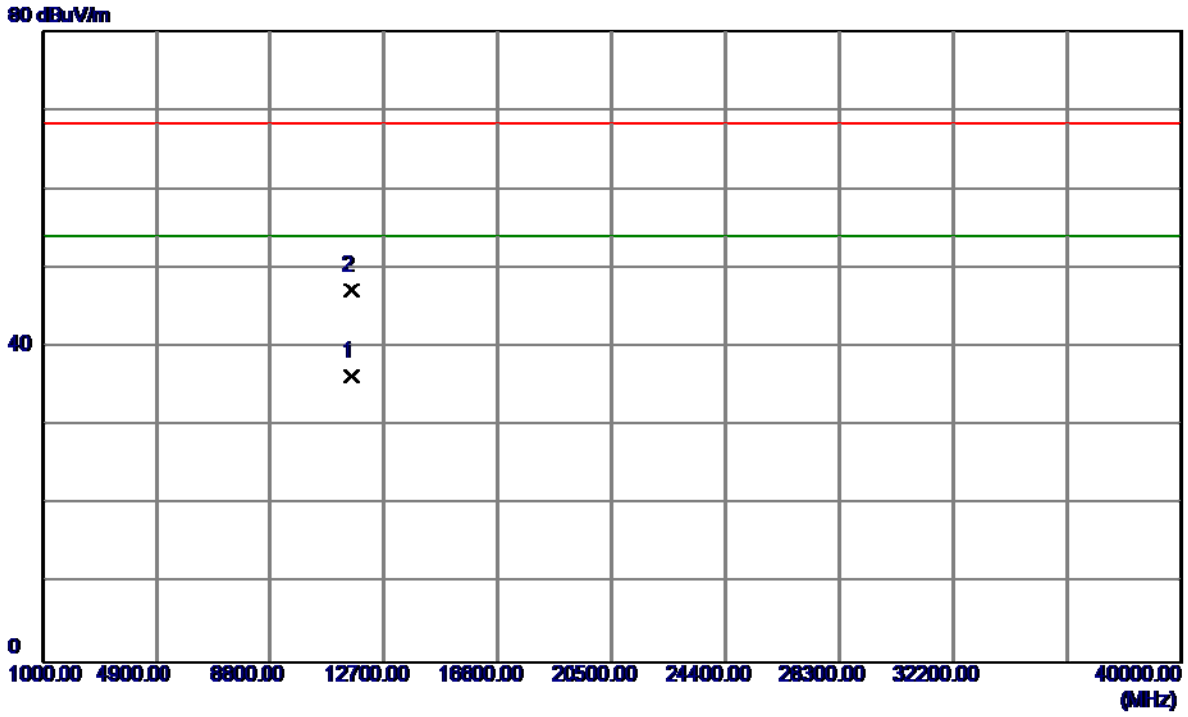
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5790.900	43.12	42.82	85.94	122.30	-36.36	AVG	
2	*	5791.600	50.66	42.82	93.48	122.30	-28.82	peak	

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

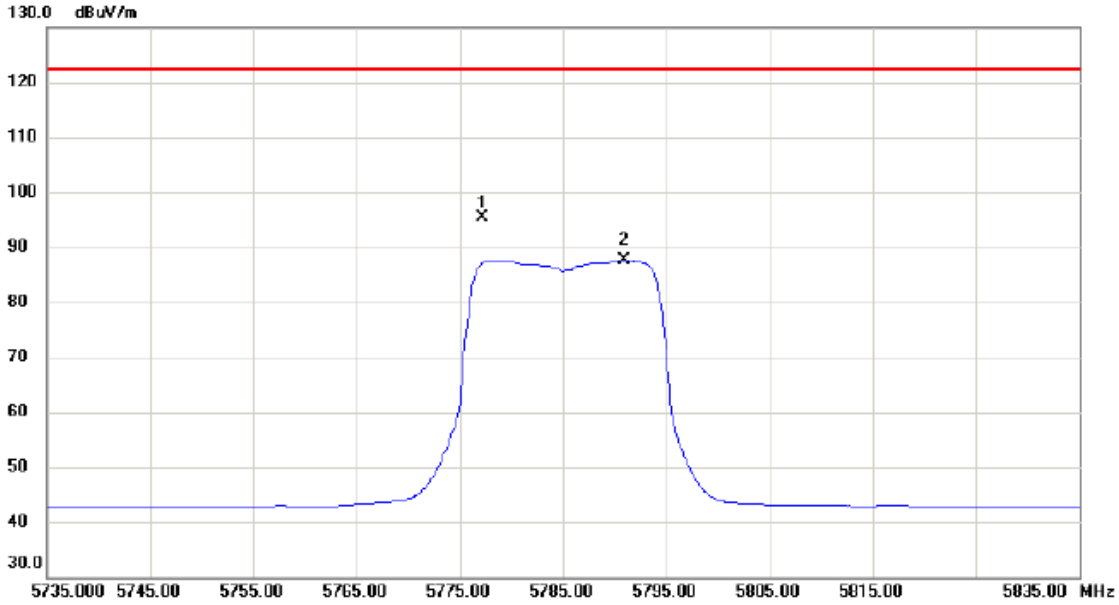
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.6340	20.81	15.48	36.29	54.00	-17.71	AVG	
2	11569.9220	31.74	15.48	47.22	68.30	-21.08	Peak	

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

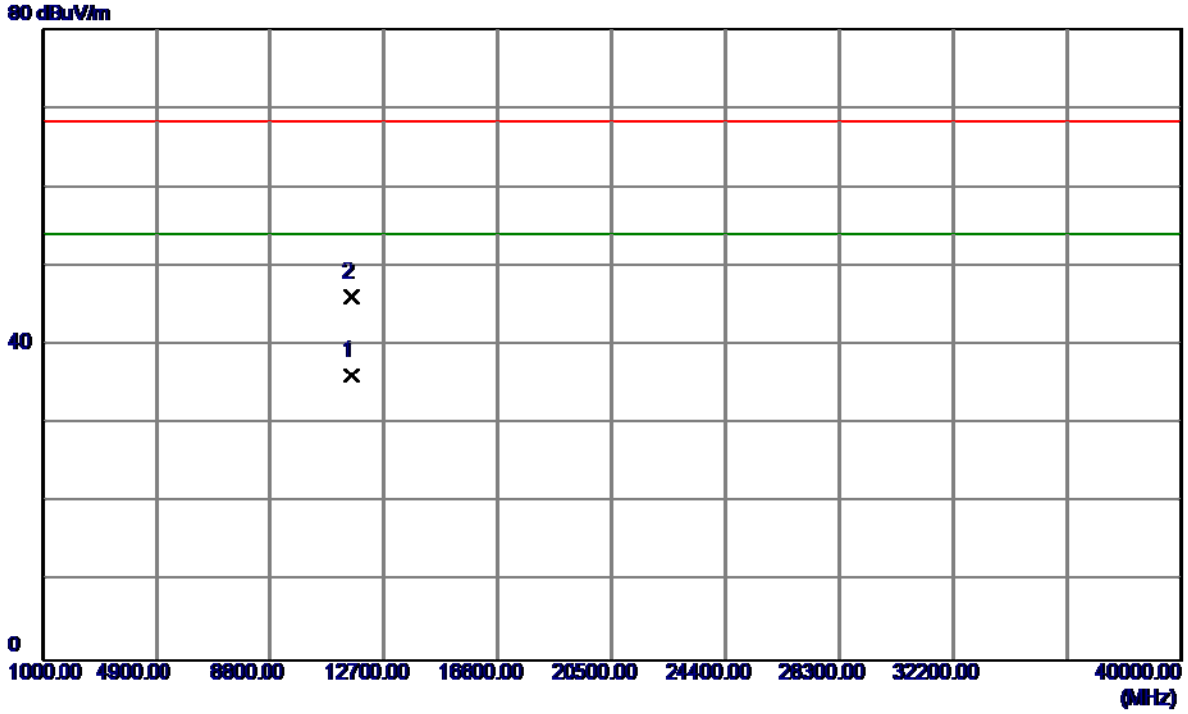
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5777.200	52.60	42.77	95.37	122.30	-26.93	peak	
2		5790.900	44.85	42.82	87.67	122.30	-34.63	AVG	

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

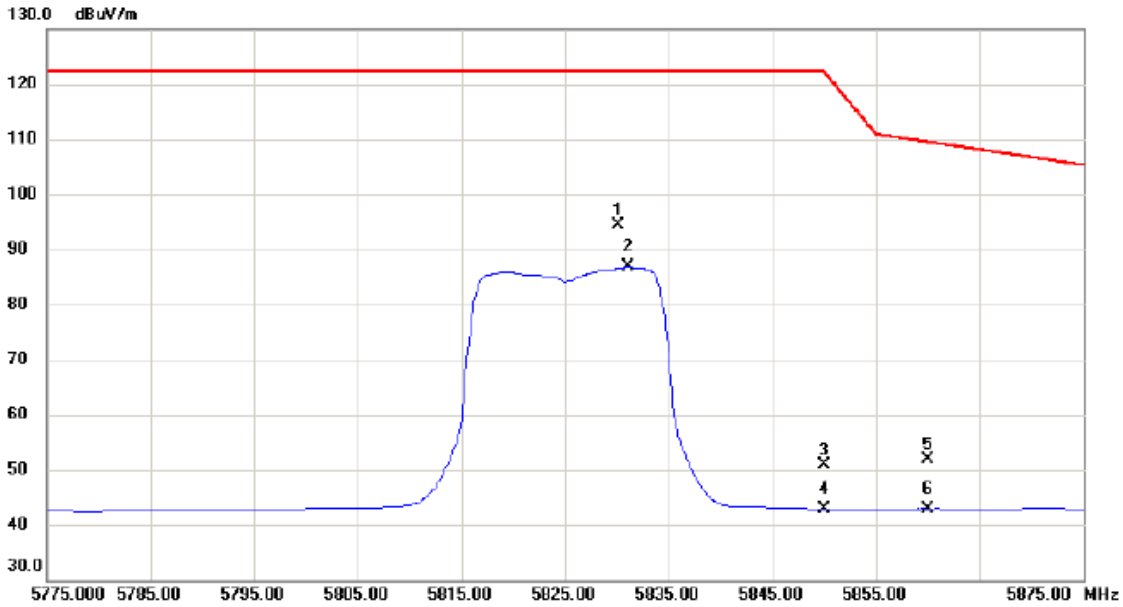
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.5560	20.68	15.48	36.16	54.00	-17.84	AVG	
2	11570.2660	30.62	15.48	46.10	68.30	-22.20	Peak	

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

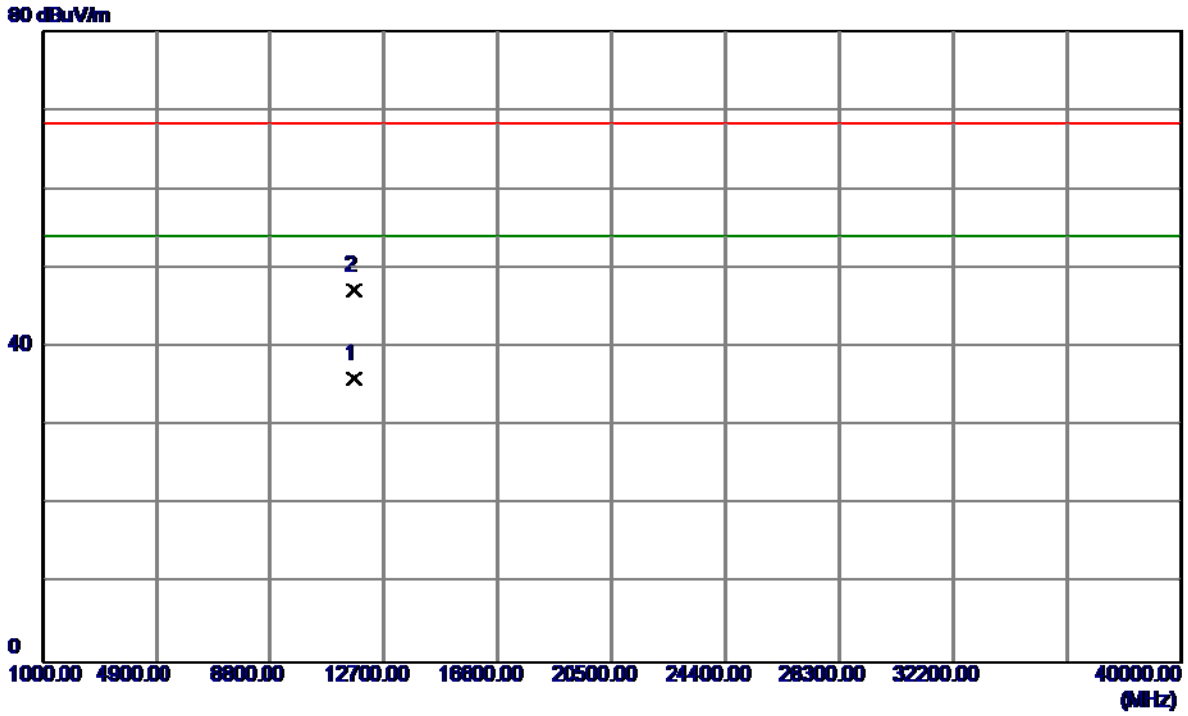
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5830.100	51.39	42.95	94.34	122.30	-27.96	peak	
2		5831.000	43.86	42.95	86.81	122.30	-35.49	AVG	
3		5850.000	7.73	43.03	50.76	122.30	-71.54	peak	
4		5850.000	-0.11	43.03	42.92	122.30	-79.38	AVG	
5		5860.000	8.90	43.06	51.96	109.50	-57.54	peak	
6		5860.000	-0.06	43.06	43.00	109.50	-66.50	AVG	

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

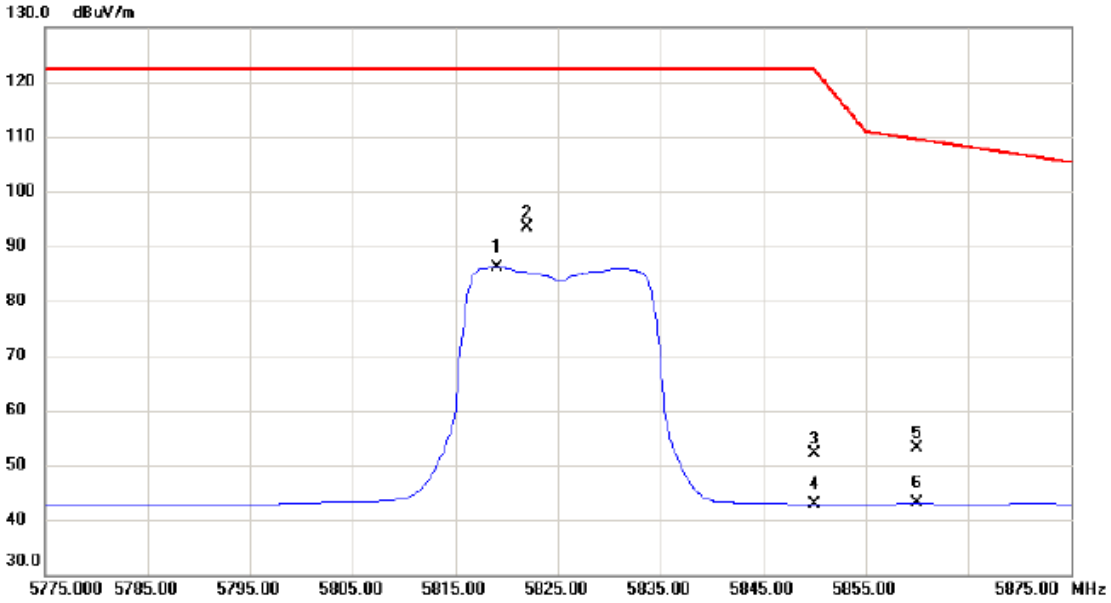
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.0320	20.57	15.48	36.05	54.00	-17.95	AVG	
2	11650.0679	31.69	15.48	47.17	68.30	-21.13	Peak	

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

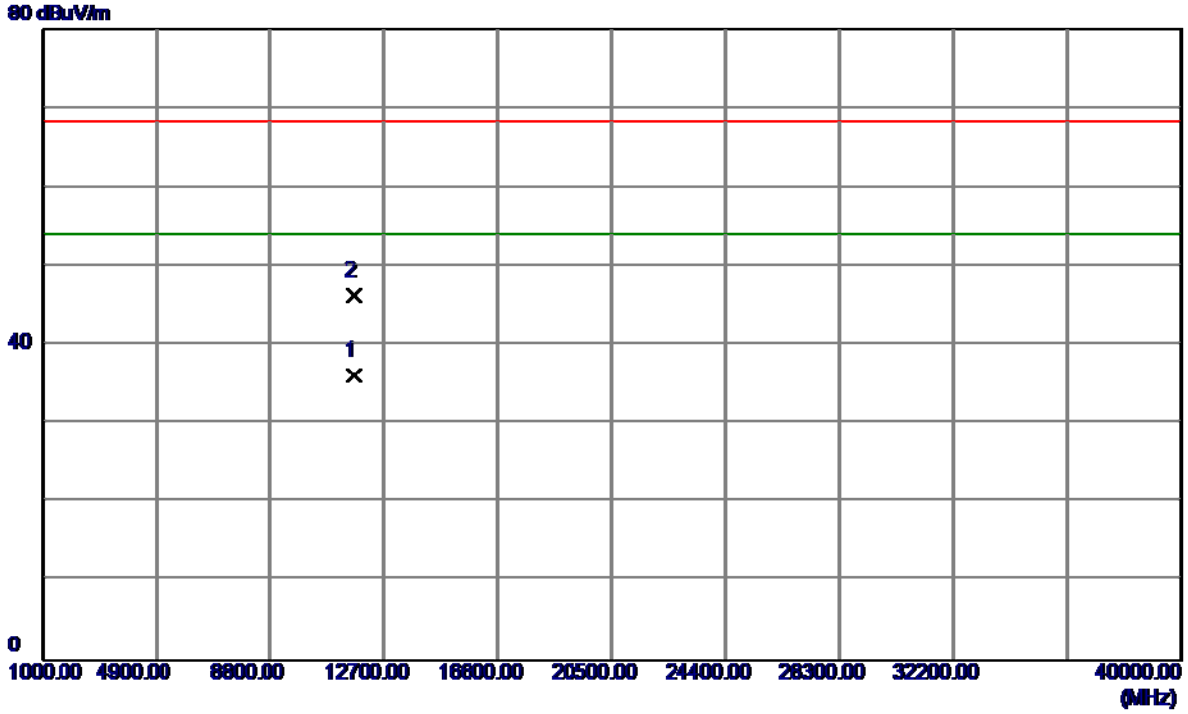
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5819.100	43.23	42.92	86.15	122.30	-36.15	AVG	
2	*	5822.000	50.55	42.92	93.47	122.30	-28.83	peak	
3		5850.000	9.13	43.03	52.16	122.30	-70.14	peak	
4		5850.000	-0.13	43.03	42.90	122.30	-79.40	AVG	
5		5860.000	10.06	43.06	53.12	109.50	-56.38	peak	
6		5860.000	-0.04	43.06	43.02	109.50	-66.48	AVG	

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

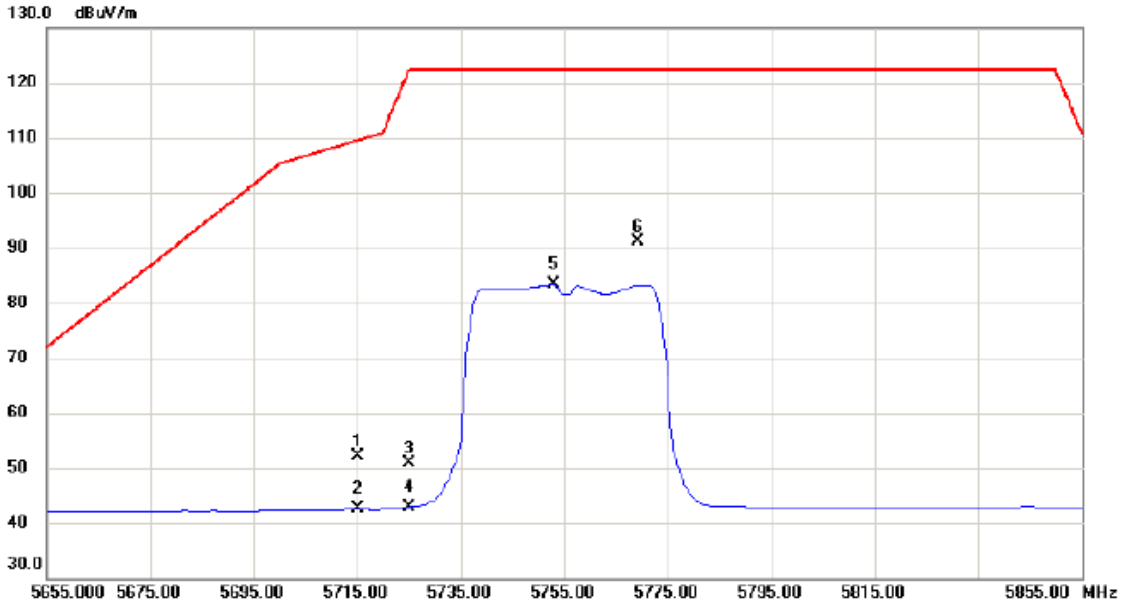
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.8820	20.72	15.48	36.20	54.00	-17.80	AVG	
2	11649.6320	30.79	15.48	46.27	68.30	-22.03	Peak	

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

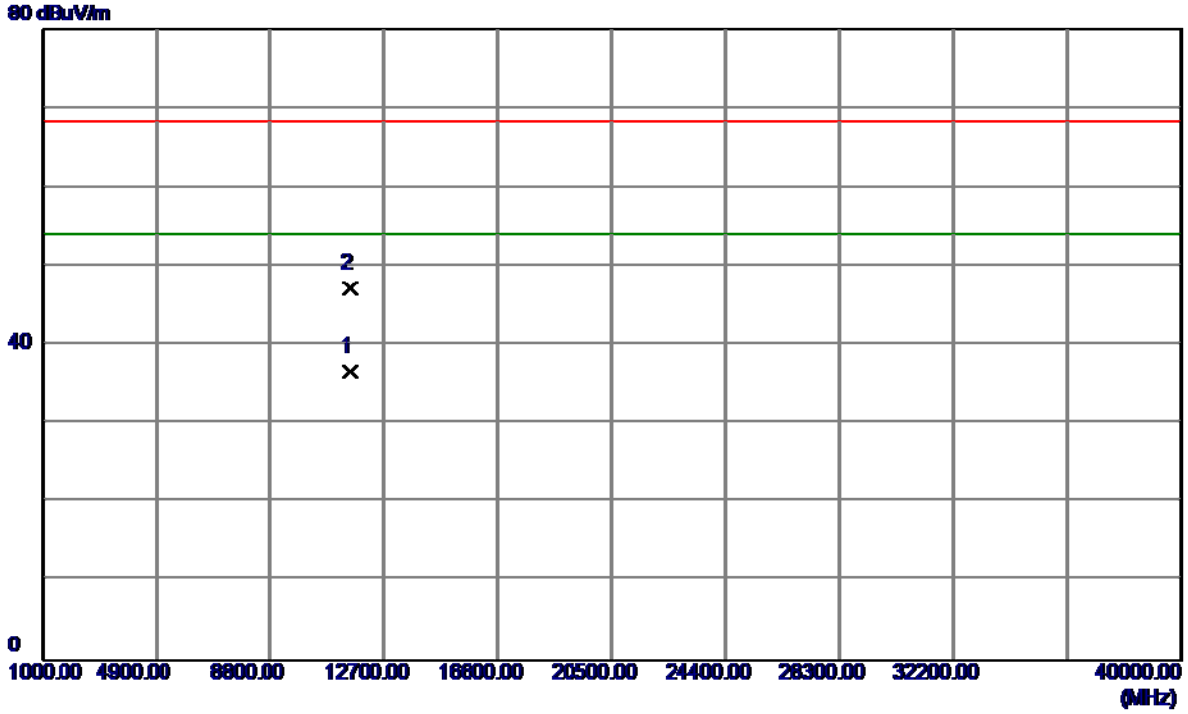
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	9.64	42.55	52.19	109.50	-57.31	peak	
2		5715.000	0.03	42.55	42.58	109.50	-66.92	AVG	
3		5725.000	8.39	42.58	50.97	122.30	-71.33	peak	
4		5725.000	0.40	42.58	42.98	122.30	-79.32	AVG	
5		5753.000	40.63	42.68	83.31	122.30	-38.99	AVG	
6	*	5769.200	48.38	42.74	91.12	122.30	-31.18	peak	

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

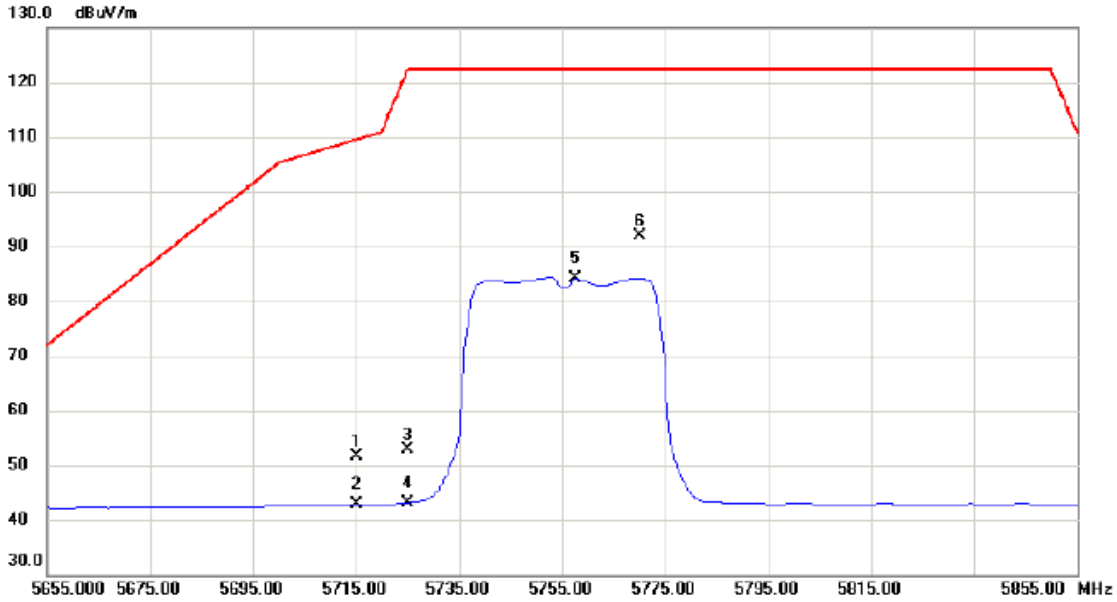
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11510.2520	21.22	15.48	36.70	54.00	-17.30	AVG	
2	11510.8220	31.77	15.48	47.25	68.30	-21.05	Peak	

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

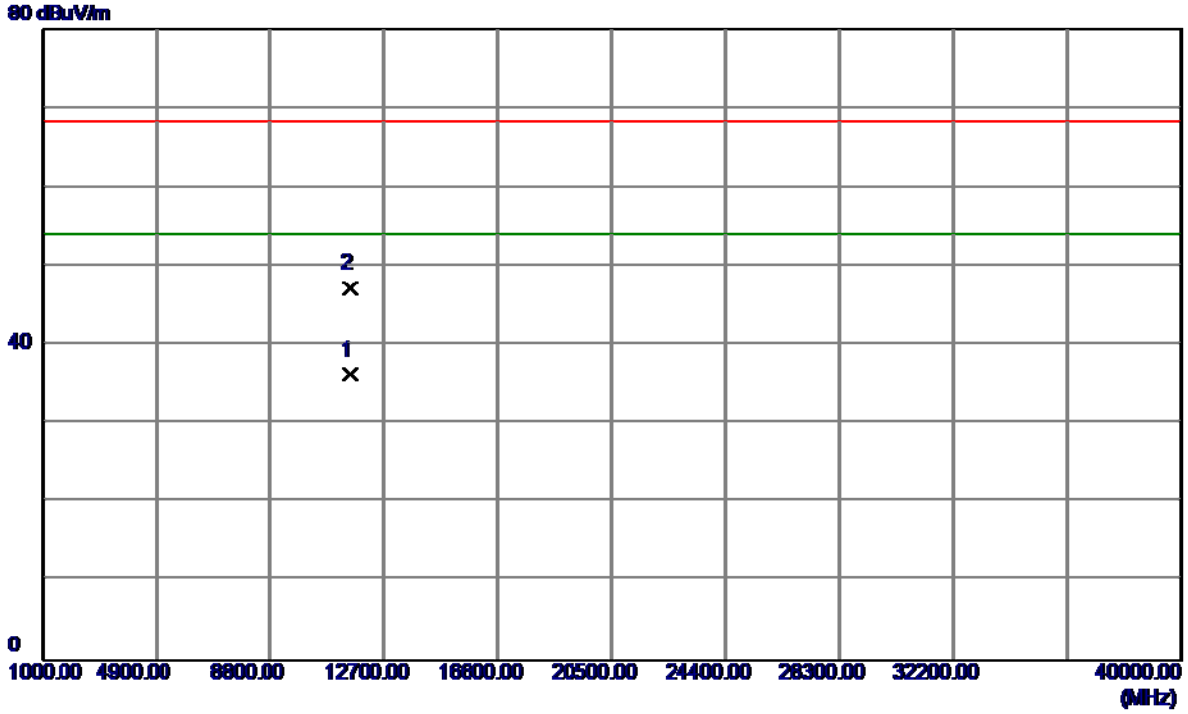
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	9.18	42.55	51.73	109.50	-57.77	peak	
2		5715.000	0.30	42.55	42.85	109.50	-66.65	AVG	
3		5725.000	10.28	42.58	52.86	122.30	-69.44	peak	
4		5725.000	0.63	42.58	43.21	122.30	-79.09	AVG	
5		5757.600	41.37	42.70	84.07	122.30	-38.23	AVG	
6	*	5770.000	49.07	42.74	91.81	122.30	-30.49	peak	

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

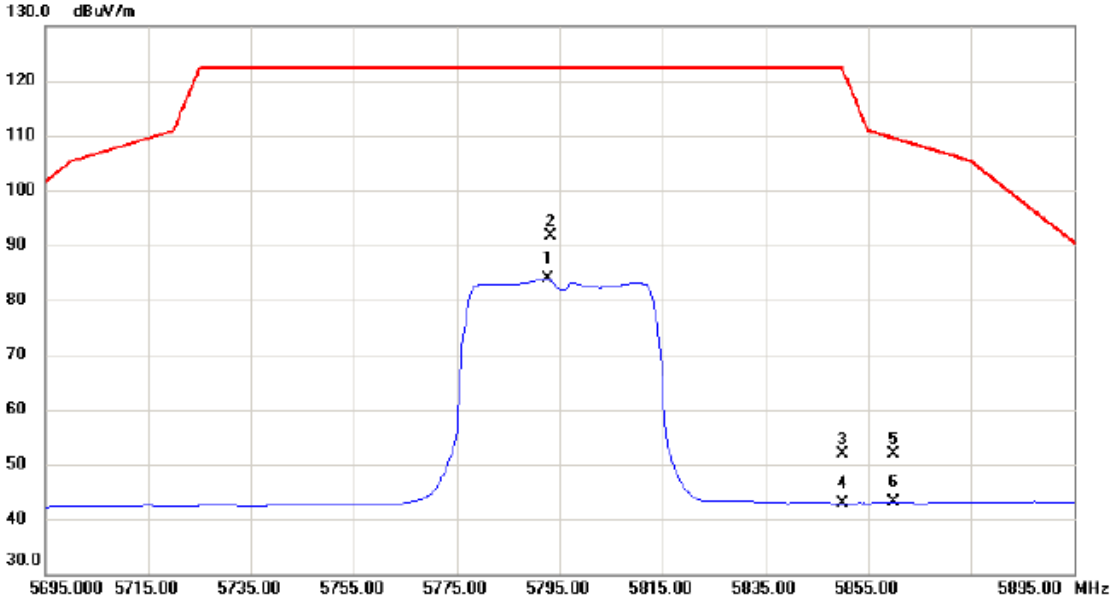
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.5220	20.76	15.48	36.24	54.00	-17.76	AVG	
2	11510.9880	31.78	15.48	47.26	68.30	-21.04	Peak	

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

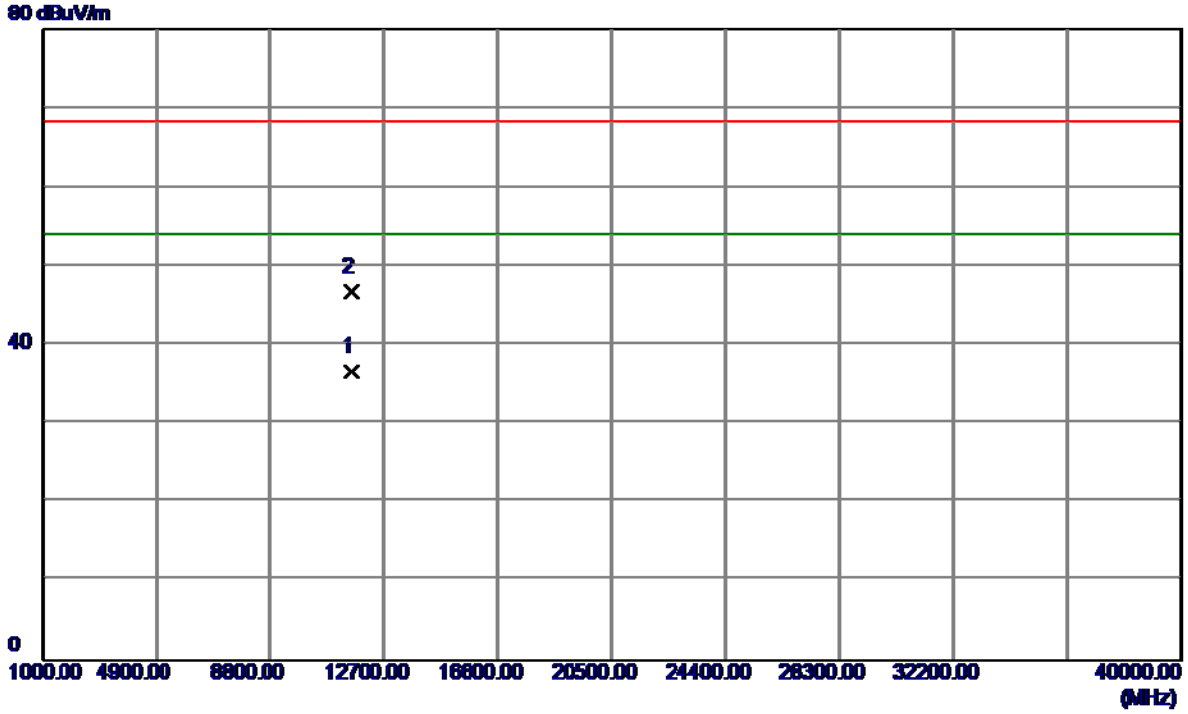
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5792.800	41.02	42.82	83.84	122.30	-38.46	AVG	
2	*	5793.200	48.93	42.82	91.75	122.30	-30.55	peak	
3		5850.000	8.87	43.03	51.90	122.30	-70.40	peak	
4		5850.000	-0.09	43.03	42.94	122.30	-79.36	AVG	
5		5860.000	8.73	43.06	51.79	109.50	-57.71	peak	
6		5860.000	0.08	43.06	43.14	109.50	-66.36	AVG	

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

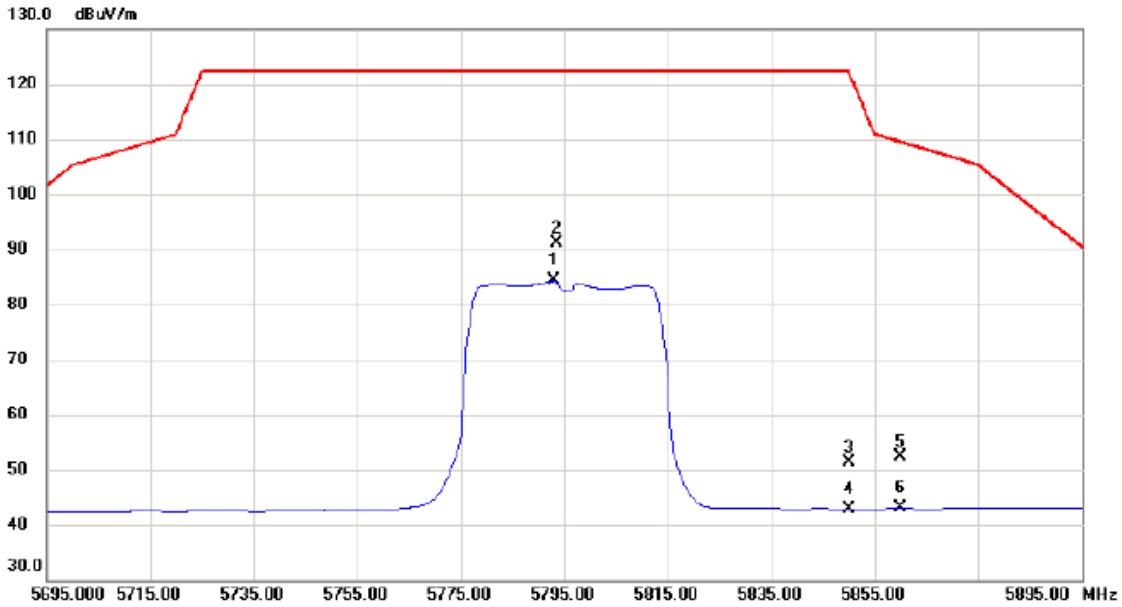
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11589.6420	21.16	15.48	36.64	54.00	-17.36	AVG	
2	11590.9160	31.21	15.48	46.69	68.30	-21.61	Peak	

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

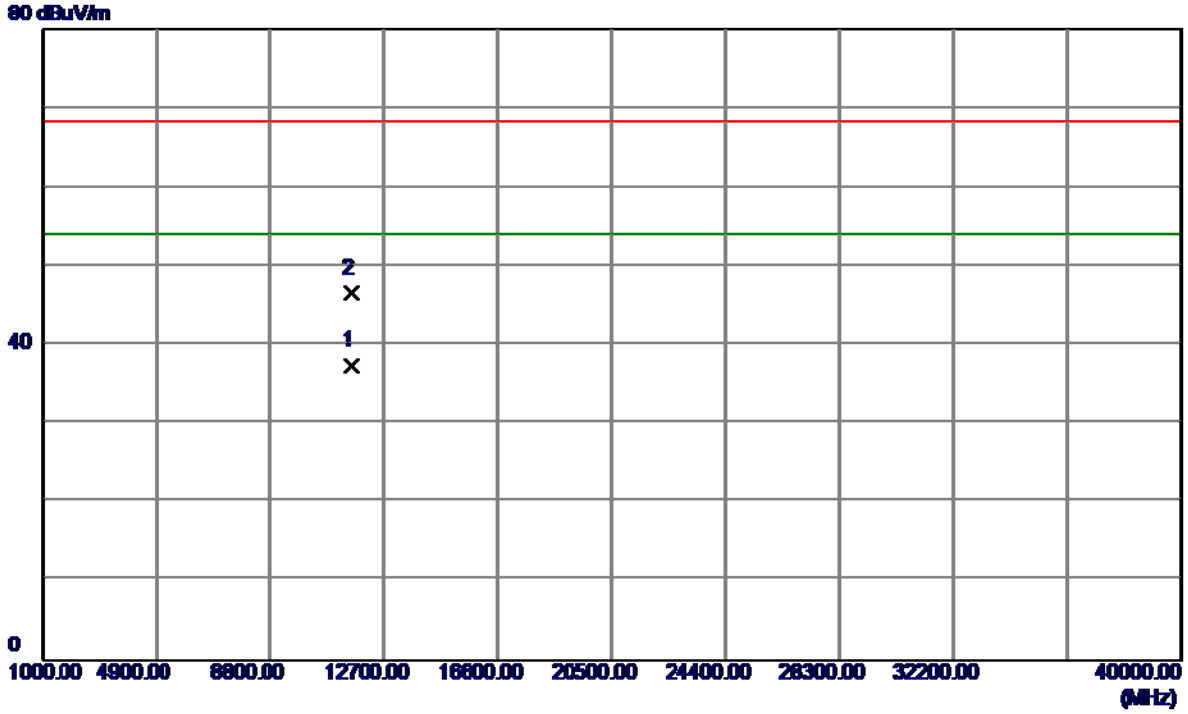
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5793.000	41.44	42.82	84.26	122.30	-38.04	AVG	
2	*	5793.600	48.42	42.82	91.24	122.30	-31.06	peak	
3		5850.000	8.30	43.03	51.33	122.30	-70.97	peak	
4		5850.000	-0.15	43.03	42.88	122.30	-79.42	AVG	
5		5860.000	9.27	43.06	52.33	109.50	-57.17	peak	
6		5860.000	-0.01	43.06	43.05	109.50	-66.45	AVG	

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

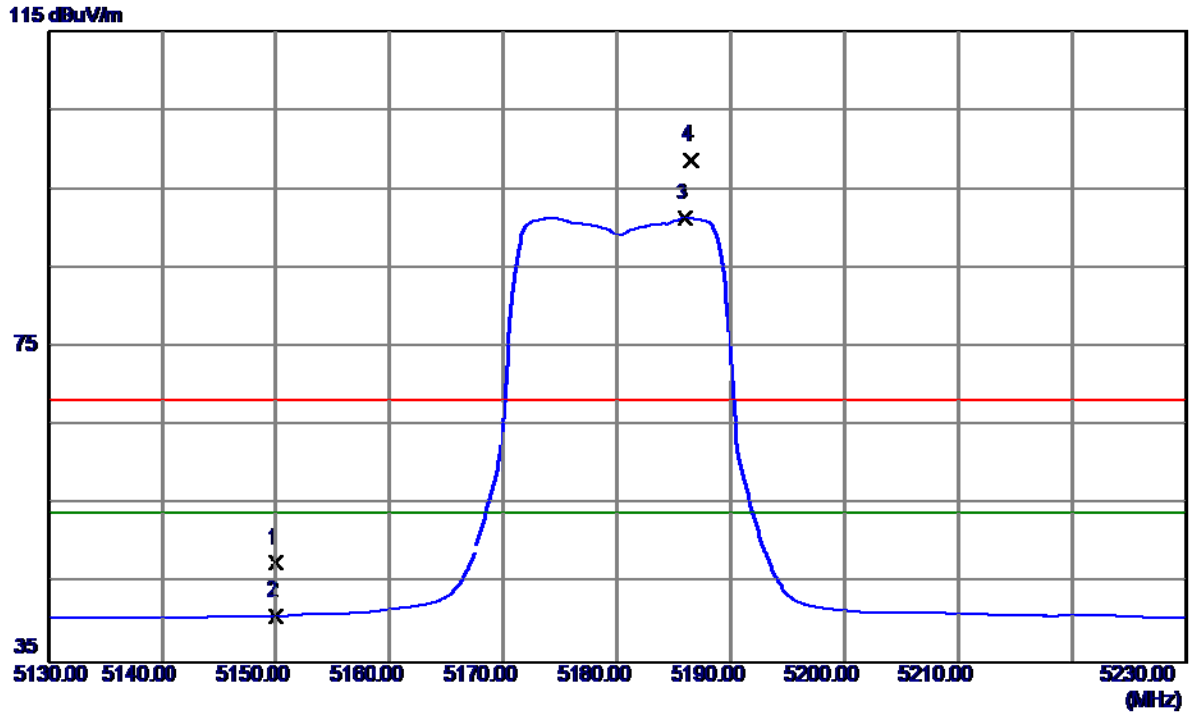
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590.9100	21.93	15.48	37.41	54.00	-16.59	AVG	
2	11590.9180	31.14	15.48	46.62	68.30	-21.68	Peak	

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

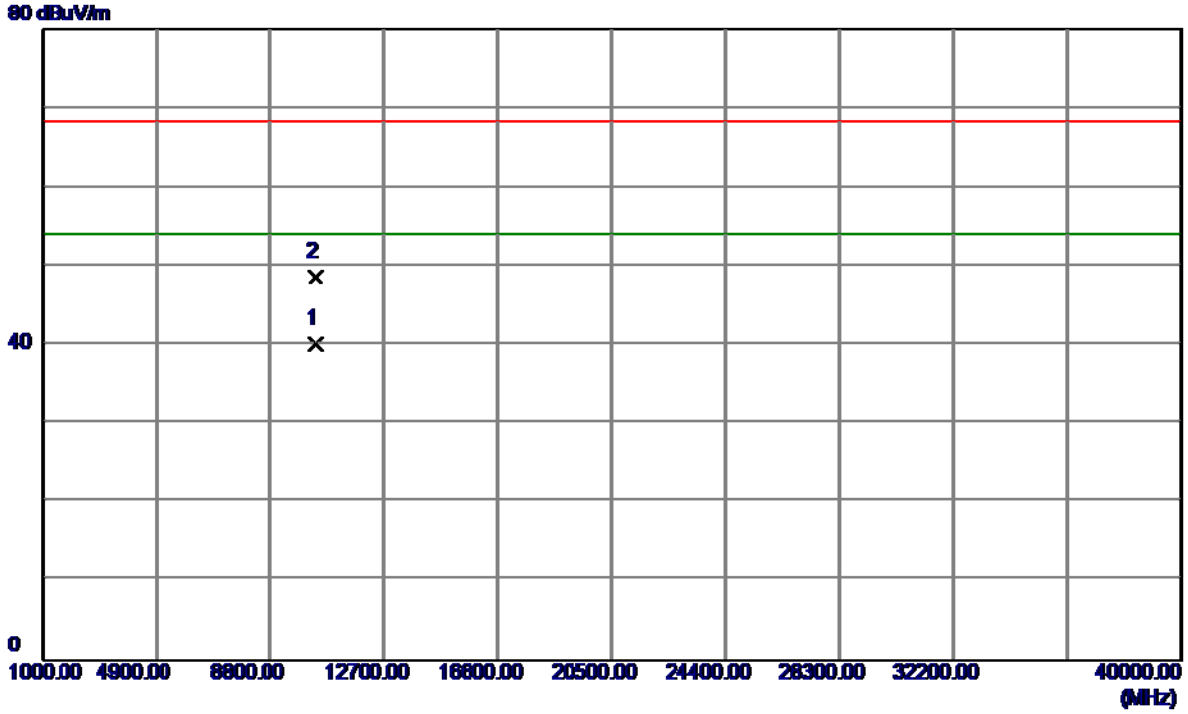
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	7.01	40.62	47.63	68.30	-20.67	Peak	
2	5150.0000	0.31	40.62	40.93	54.00	-13.07	AVG	
3 *	5186.0000	50.55	40.74	91.29	54.00	37.29	AVG	No Limit
4	5186.6000	57.92	40.75	98.67	68.30	30.37	Peak	No Limit

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

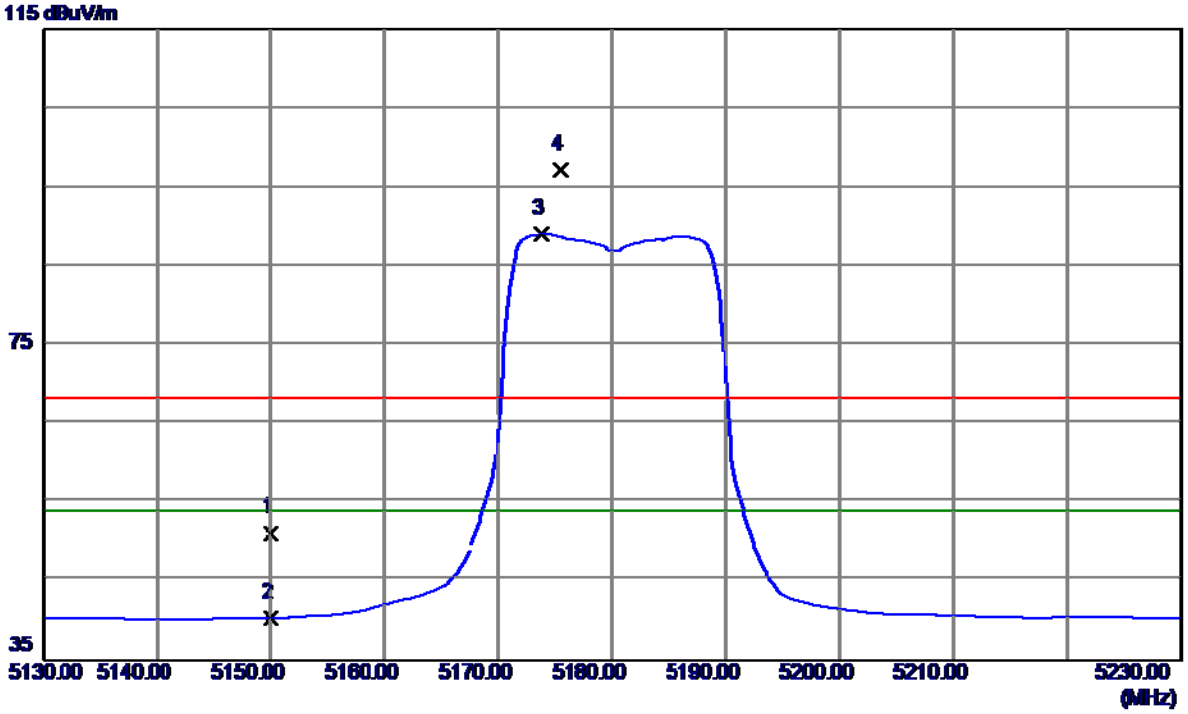
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.3200	25.19	14.96	40.15	54.00	-13.85	AVG	
2	10360.4400	33.67	14.96	48.63	68.30	-19.67	Peak	

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

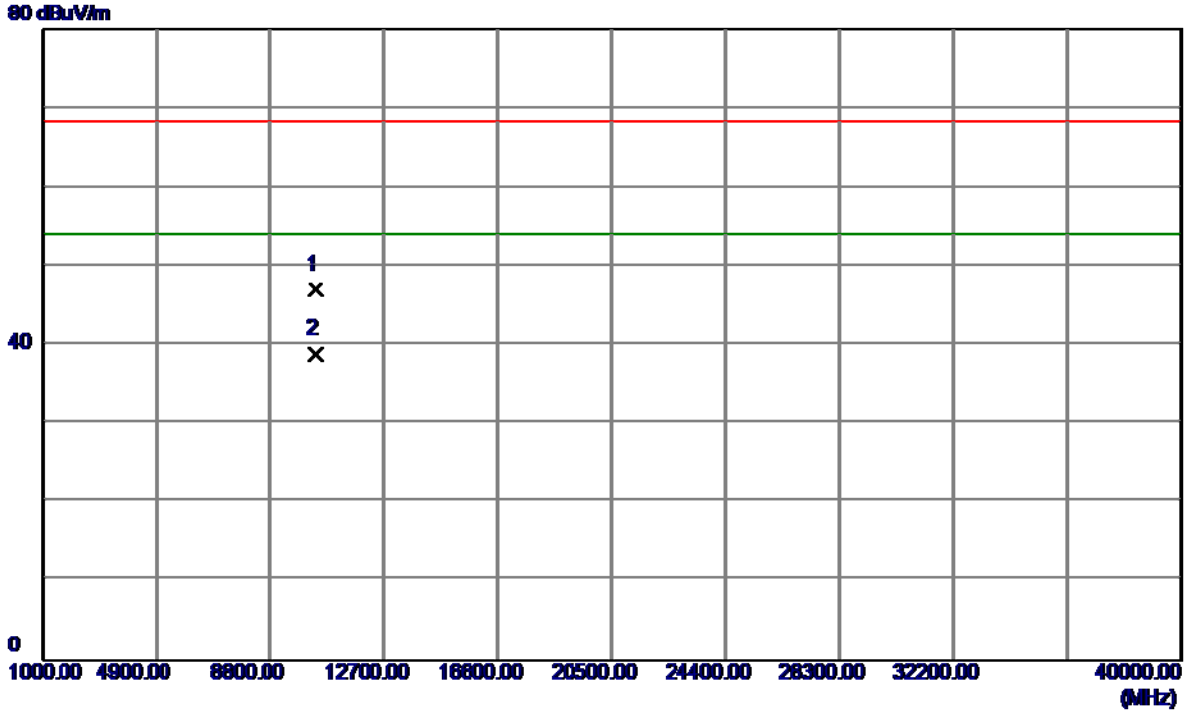
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.62	40.62	51.24	68.30	-17.06	Peak	
2	5150.0000	-0.19	40.62	40.43	54.00	-13.57	AVG	
3 *	5173.8000	48.34	40.70	89.04	54.00	35.04	AVG	No Limit
4	5175.4000	56.47	40.71	97.18	68.30	28.88	Peak	No Limit

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

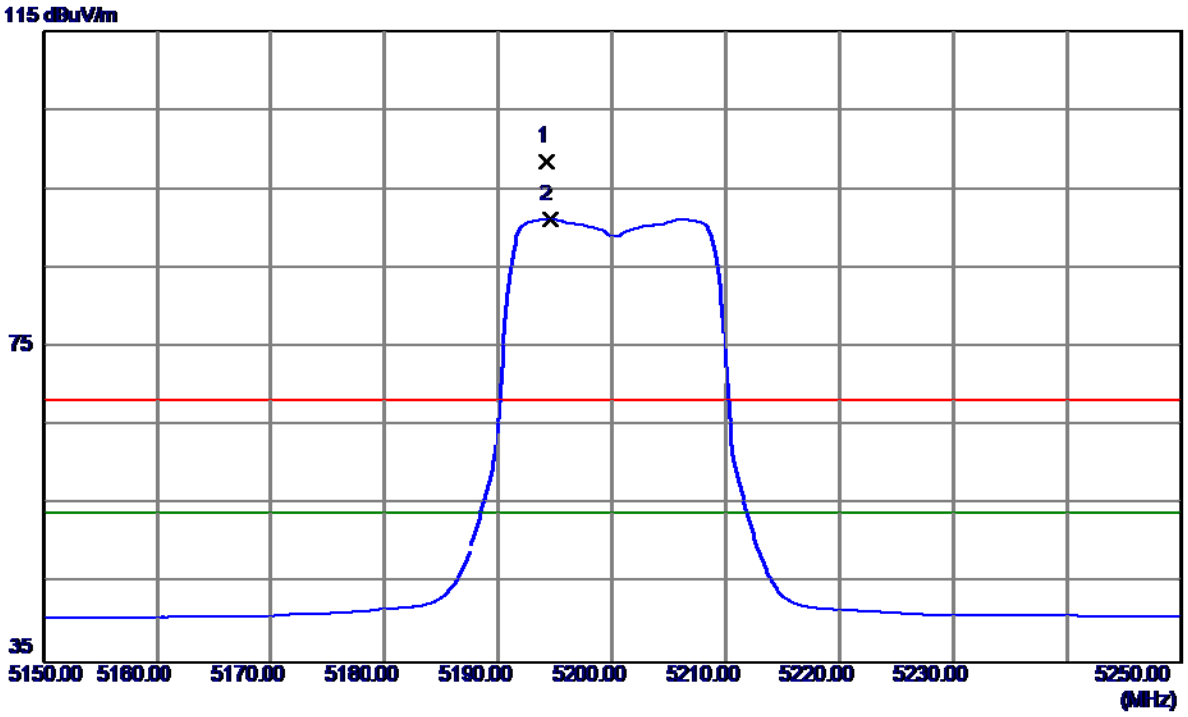
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.9900	32.10	14.96	47.06	68.30	-21.24	Peak	
2 *	10360.3500	23.91	14.96	38.87	54.00	-15.13	AVG	

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

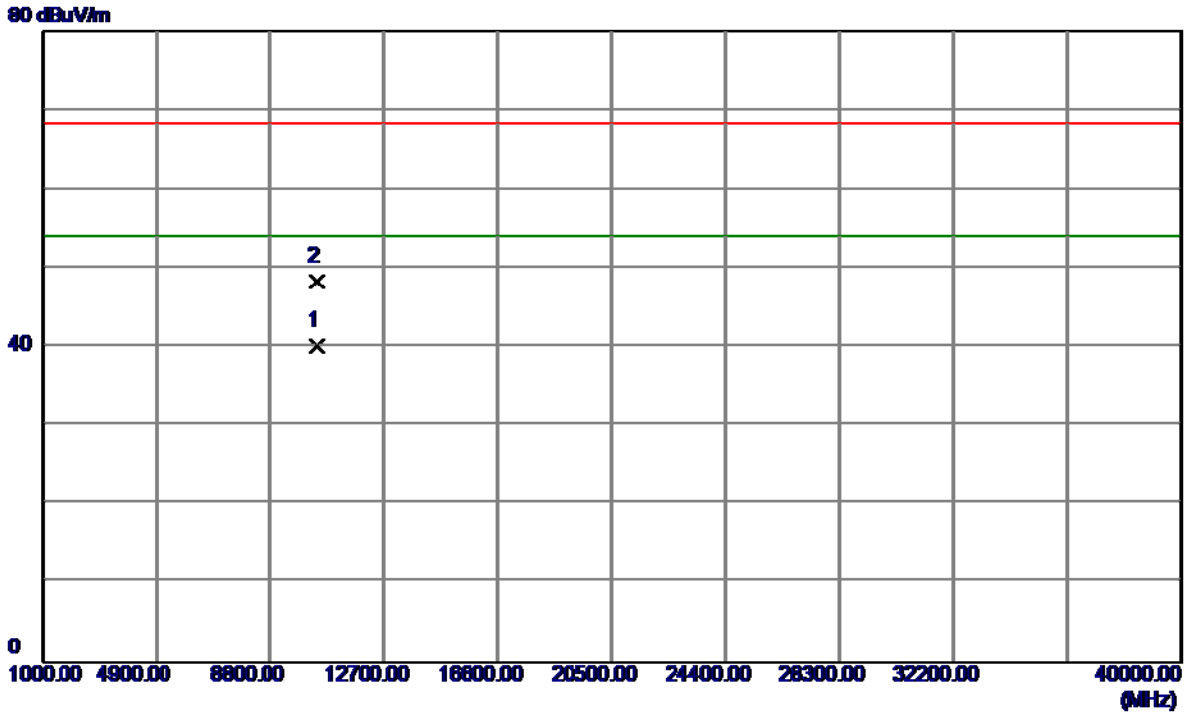
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5194.2000	57.74	40.77	98.51	68.30	30.21	Peak	No Limit
2 *	5194.5000	50.46	40.77	91.23	54.00	37.23	AVG	No Limit

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

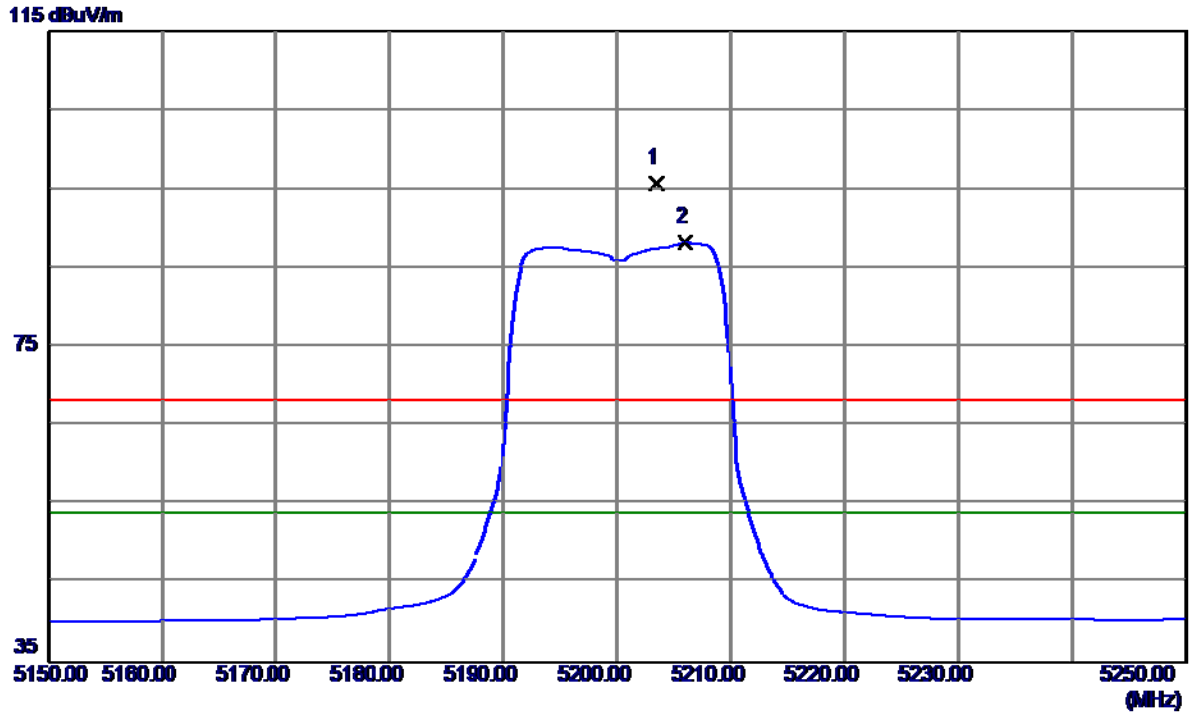
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.3099	25.04	15.06	40.10	54.00	-13.90	AVG	
2	10400.3600	33.31	15.06	48.37	68.30	-19.93	Peak	

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

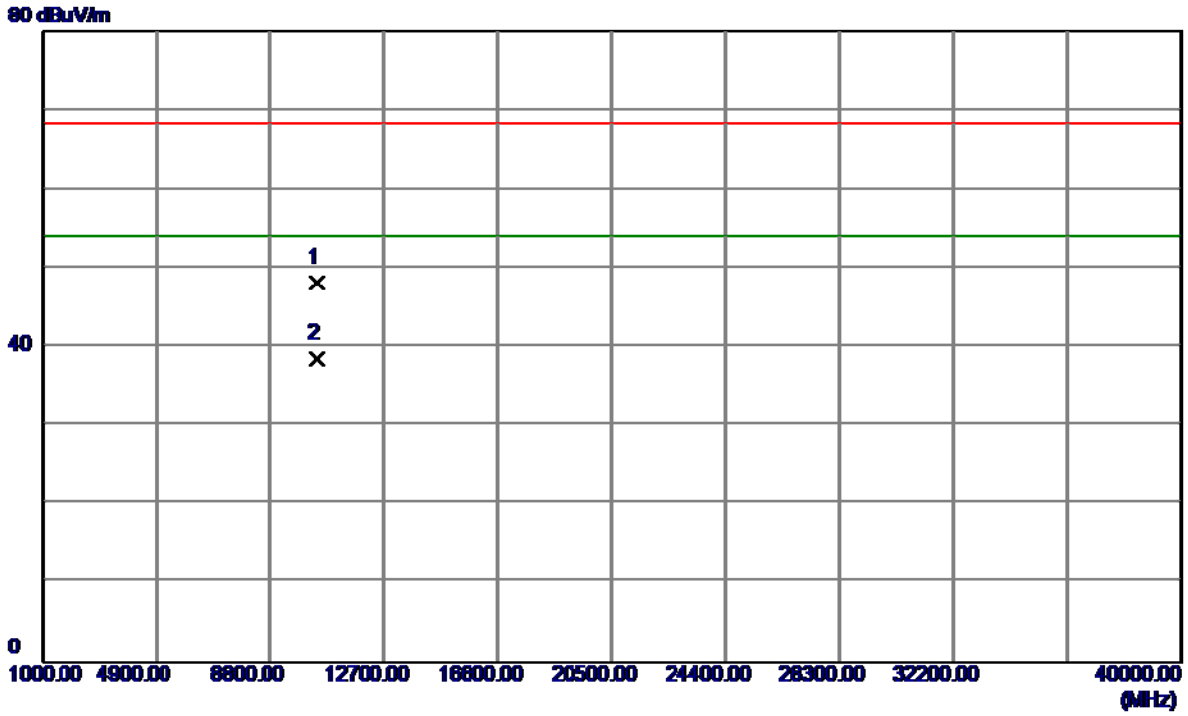
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5203.4000	55.04	40.80	95.84	68.30	27.54	Peak	No Limit
2 *	5206.0000	47.42	40.81	88.23	54.00	34.23	AVG	No Limit

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

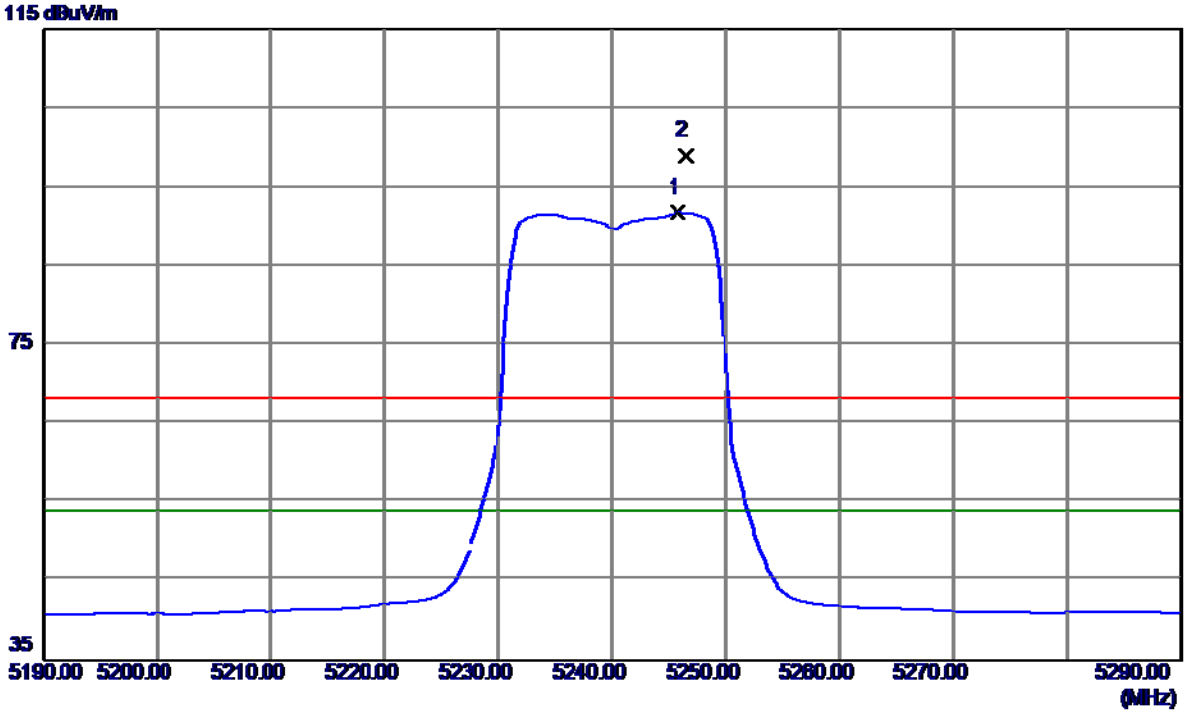
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.2600	33.12	15.06	48.18	68.30	-20.12	Peak	
2 *	10400.3500	23.44	15.06	38.50	54.00	-15.50	AVG	

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

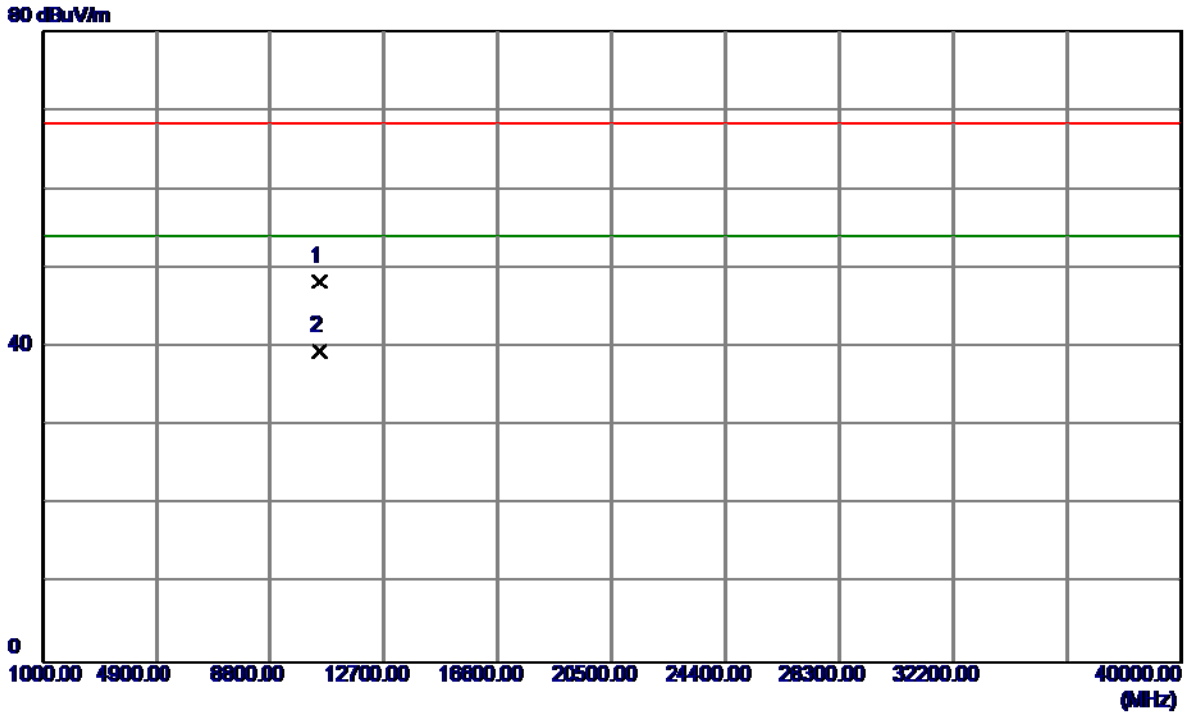
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.8000	50.79	40.94	91.73	54.00	37.73	AVG	No Limit
2	5246.5000	58.08	40.94	99.02	68.30	30.72	Peak	No Limit

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

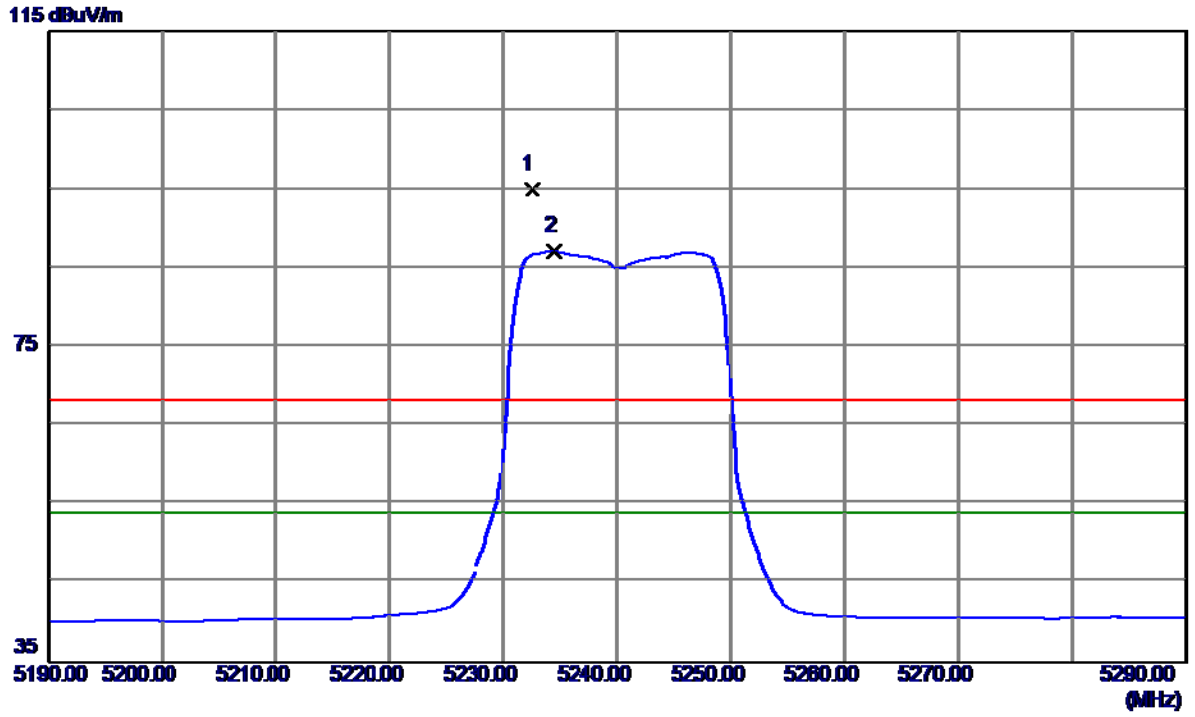
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.1800	33.07	15.24	48.31	68.30	-19.99	Peak	
2 *	10480.3000	24.33	15.24	39.57	54.00	-14.43	AVG	

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

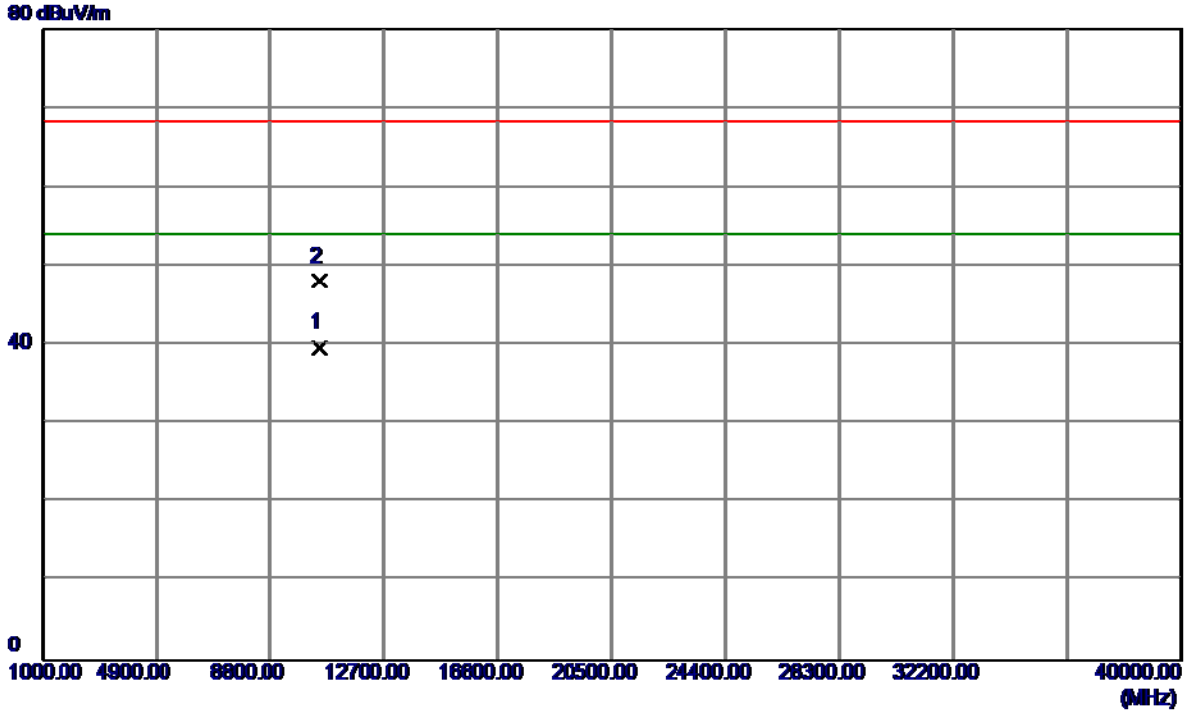
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.5000	54.04	40.90	94.94	68.30	26.64	Peak	No Limit
2 *	5234.4000	46.23	40.90	87.13	54.00	33.13	AVG	No Limit

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

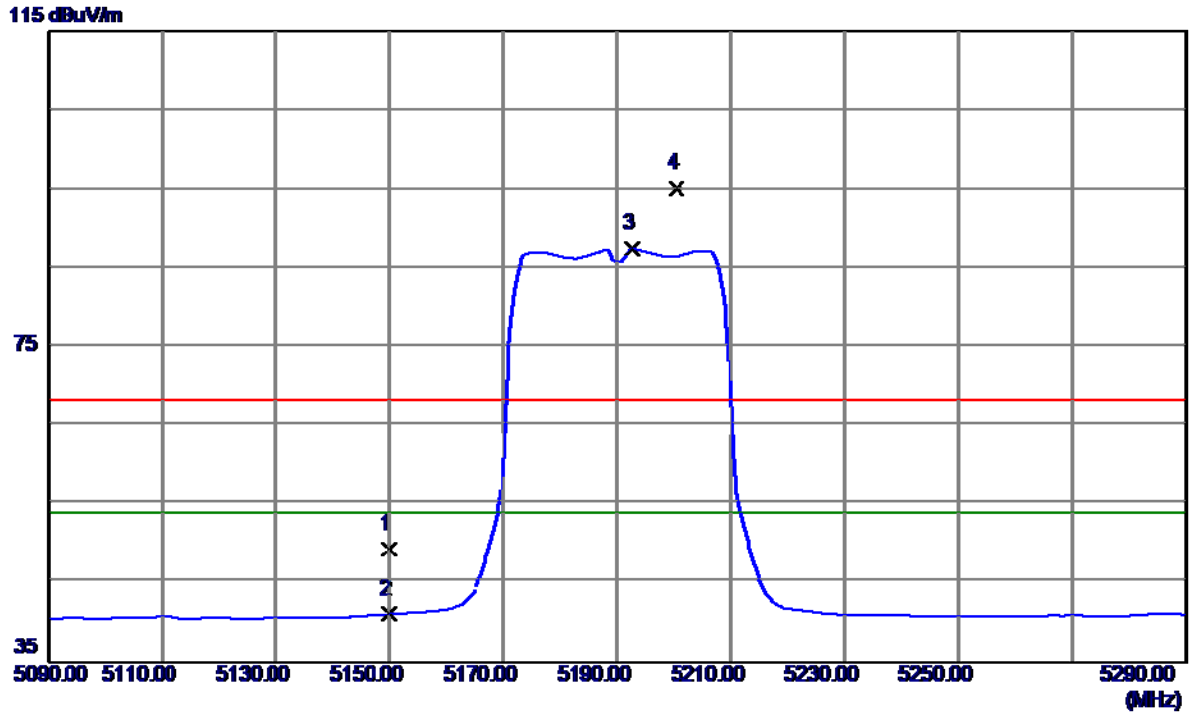
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.4700	24.39	15.24	39.63	54.00	-14.37	AVG	
2	10480.5000	32.84	15.24	48.08	68.30	-20.22	Peak	

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

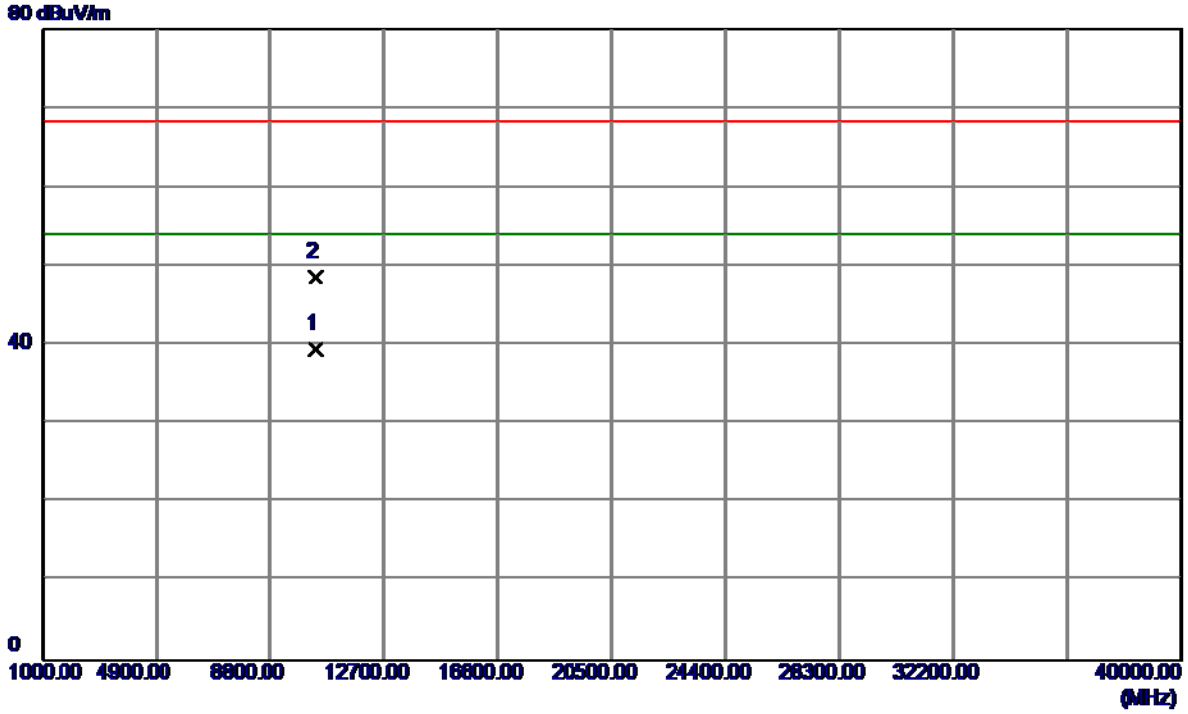
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.84	40.62	49.46	68.30	-18.84	Peak	
2	5150.0000	0.54	40.62	41.16	54.00	-12.84	AVG	
3 *	5192.6000	46.68	40.77	87.45	54.00	33.45	AVG	No Limit
4	5200.4000	54.30	40.79	95.09	68.30	26.79	Peak	No Limit

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

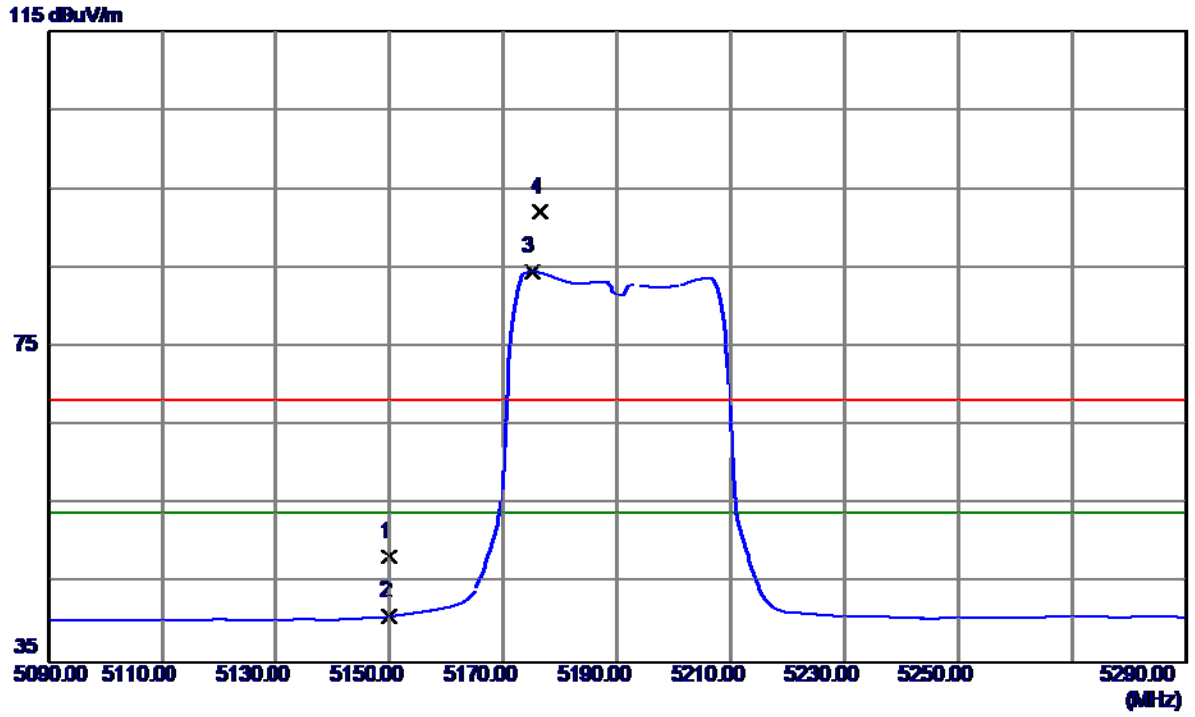
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.3200	24.49	15.01	39.50	54.00	-14.50	AVG	
2	10380.3099	33.57	15.01	48.58	68.30	-19.72	Peak	

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

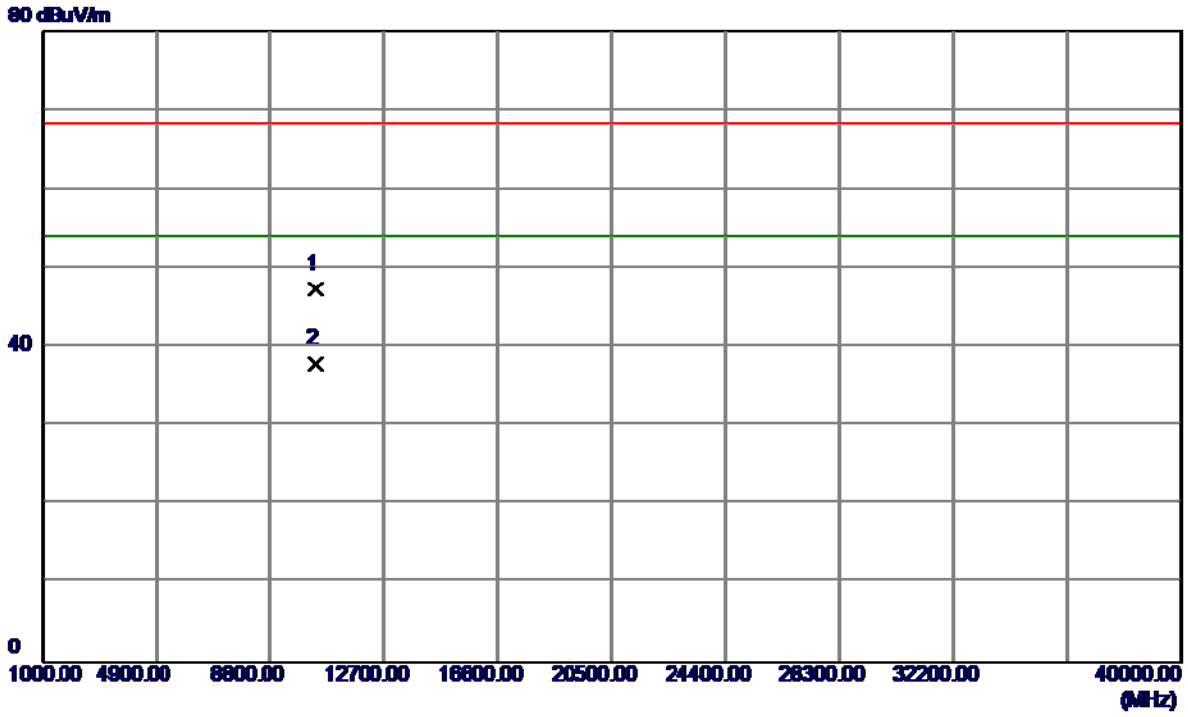
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	7.87	40.62	48.49	68.30	-19.81	Peak	
2	5150.0000	0.27	40.62	40.89	54.00	-13.11	AVG	
3 *	5175.0000	43.89	40.71	84.60	54.00	30.60	AVG	No Limit
4	5176.4000	51.46	40.71	92.17	68.30	23.87	Peak	No Limit

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

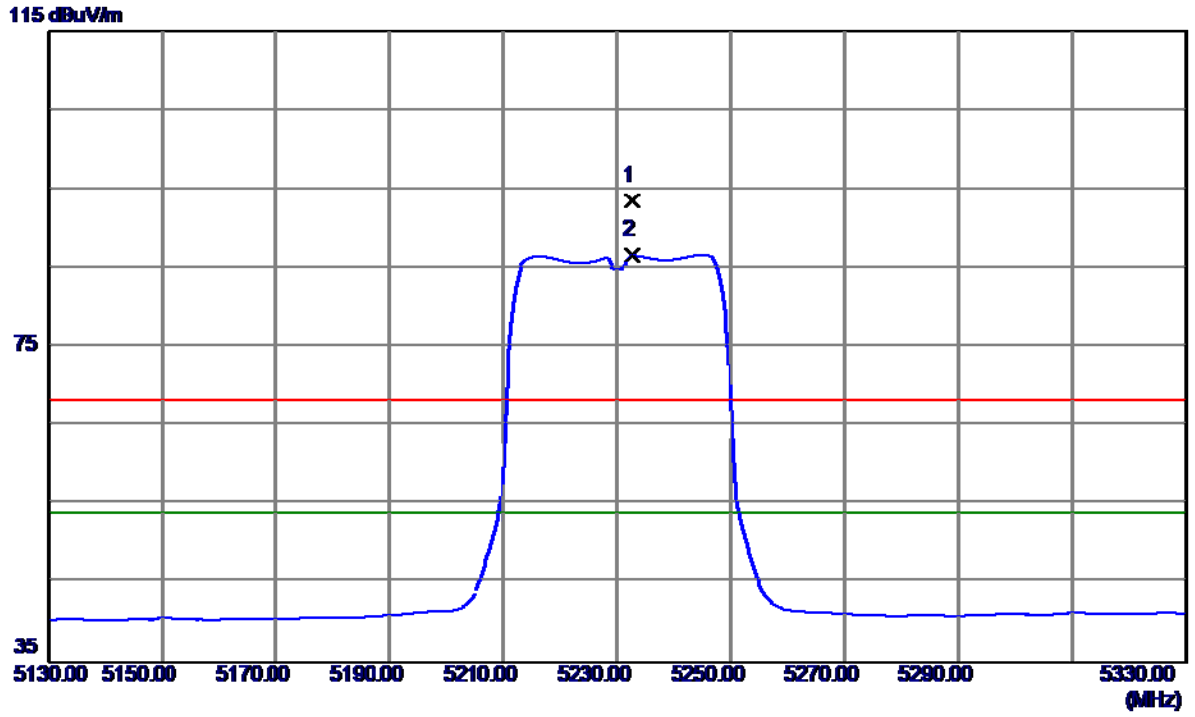
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.1400	32.39	15.01	47.40	68.30	-20.90	Peak	
2 *	10380.4200	22.97	15.01	37.98	54.00	-16.02	AVG	

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

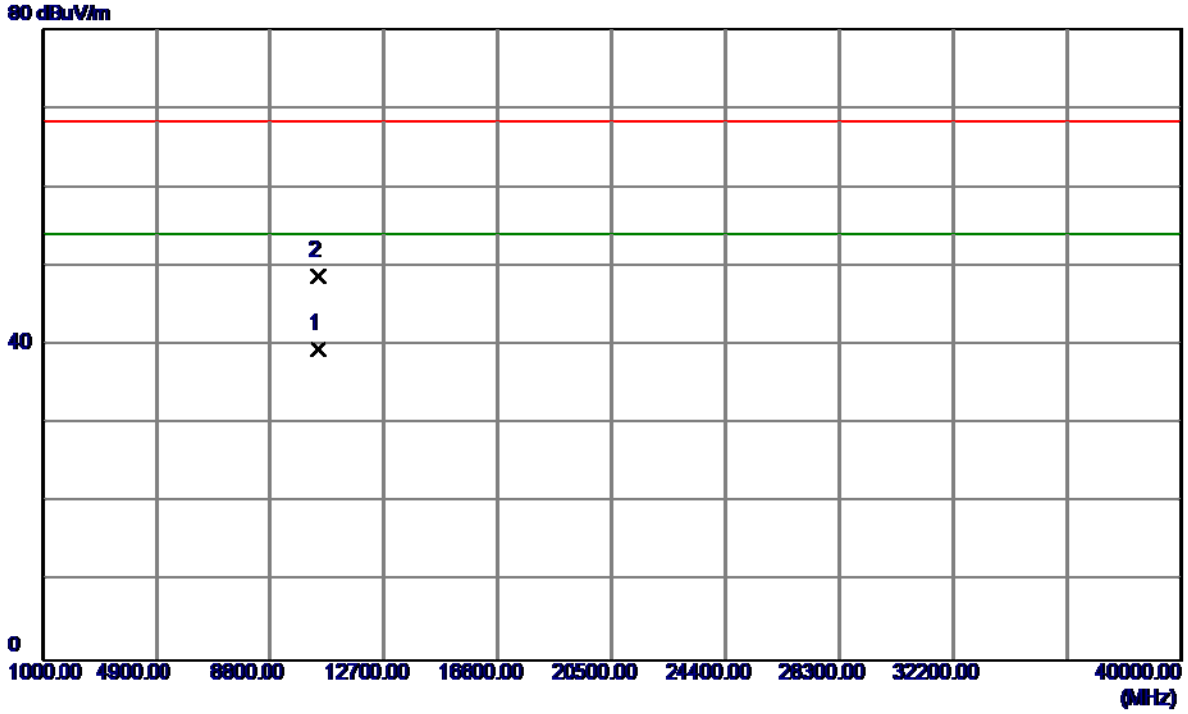
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.6000	52.70	40.90	93.60	68.30	25.30	Peak	No Limit
2 *	5232.6000	45.75	40.90	86.65	54.00	32.65	AVG	No Limit

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

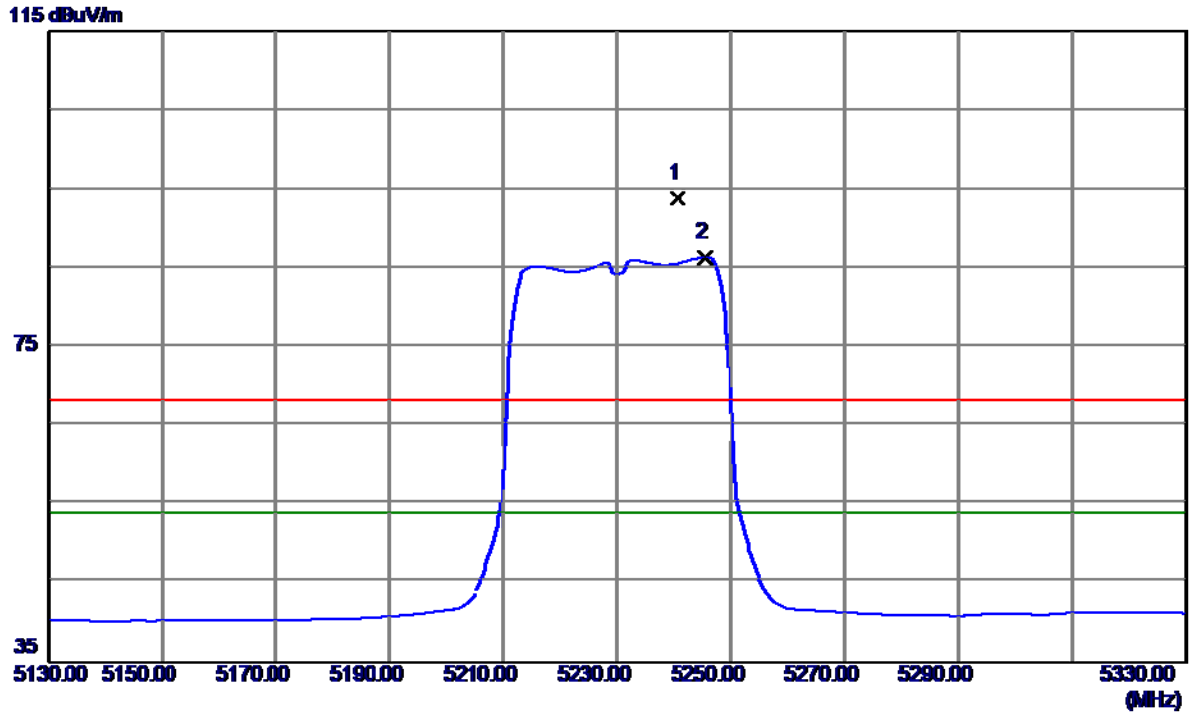
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.3600	24.35	15.20	39.55	54.00	-14.45	AVG	
2	10460.3800	33.61	15.20	48.81	68.30	-19.49	Peak	

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

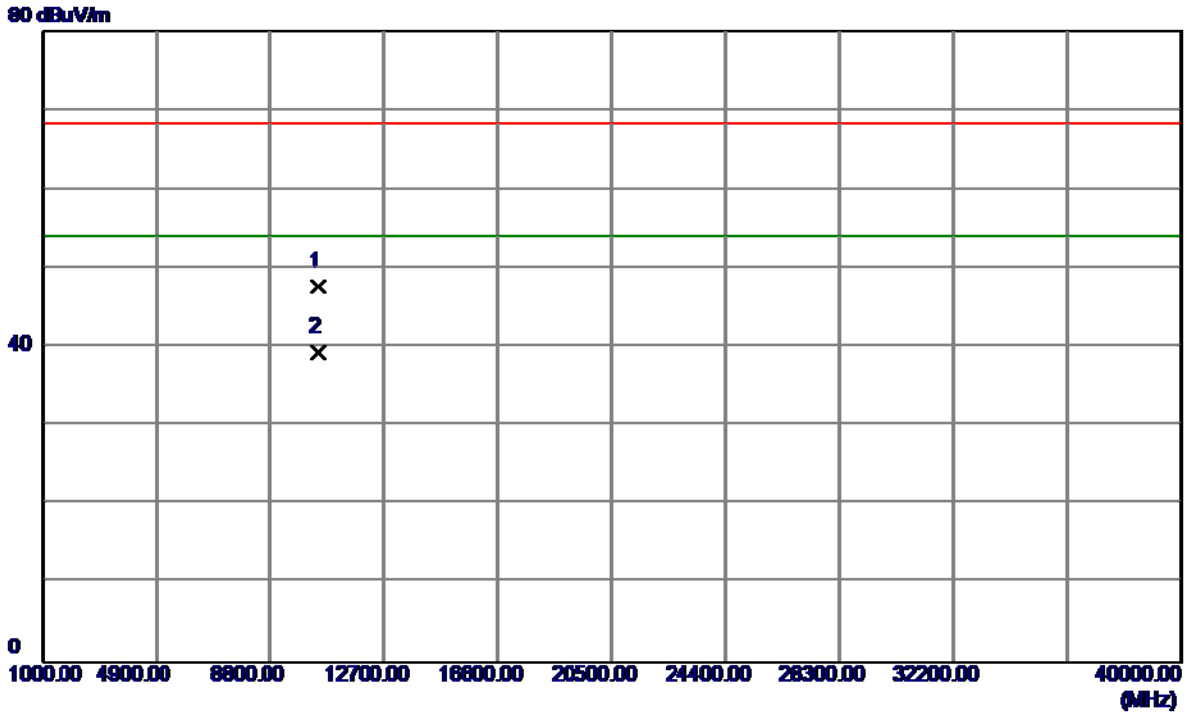
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5240.6000	52.98	40.92	93.90	68.30	25.60	Peak	No Limit
2 *	5245.6000	45.44	40.94	86.38	54.00	32.38	AVG	No Limit

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

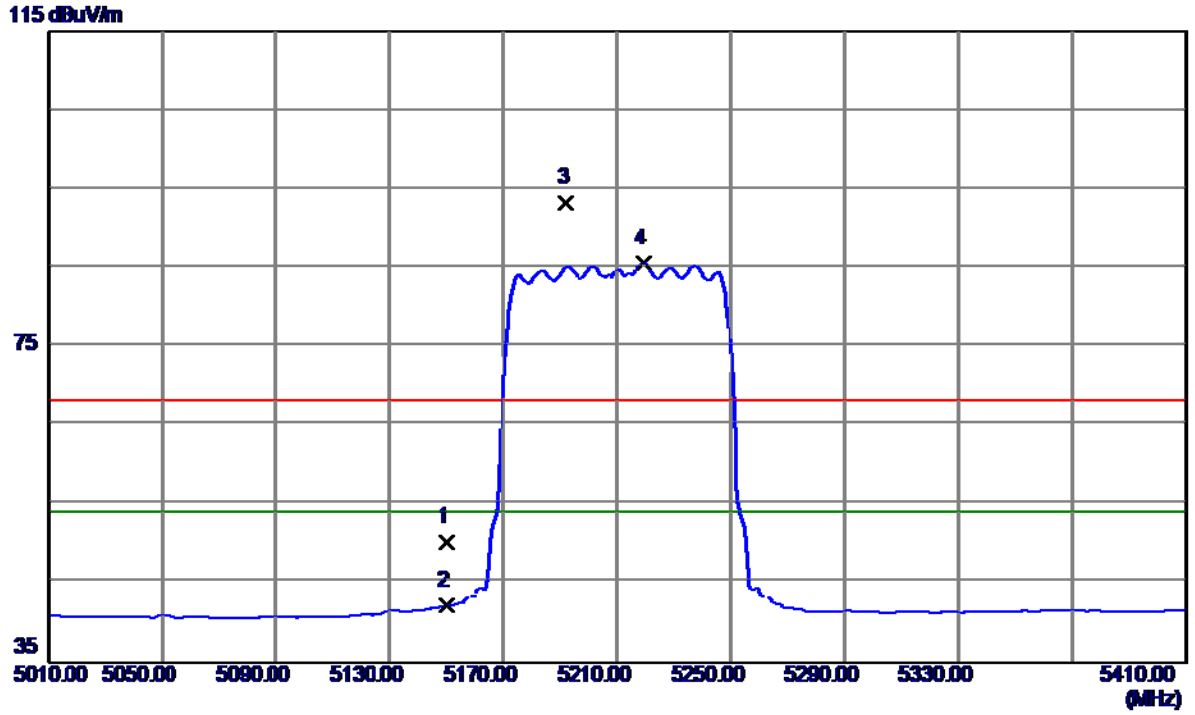
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.1900	32.52	15.20	47.72	68.30	-20.58	Peak	
2 *	10460.3500	24.11	15.20	39.31	54.00	-14.69	AVG	

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

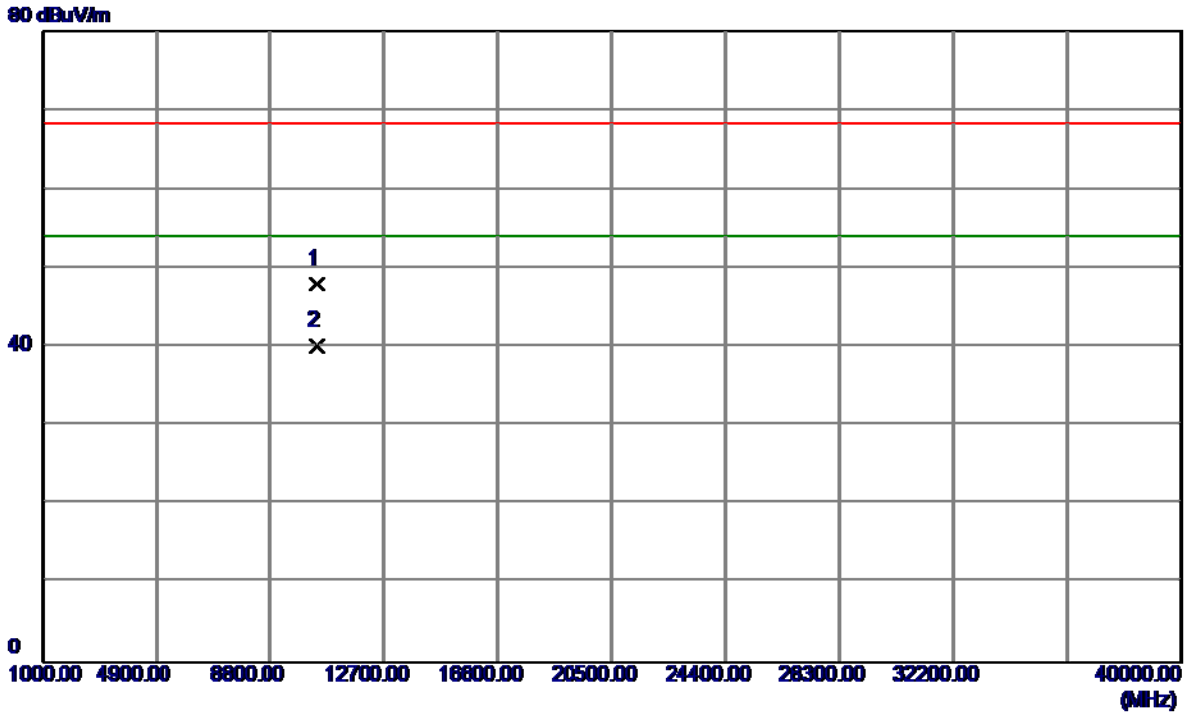
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.58	40.62	50.20	68.30	-18.10	Peak	
2	5150.0000	1.51	40.62	42.13	54.00	-11.87	AVG	
3	5192.0000	52.42	40.76	93.18	68.30	24.88	Peak	No Limit
4 *	5219.2000	44.72	40.85	85.57	54.00	31.57	AVG	No Limit

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

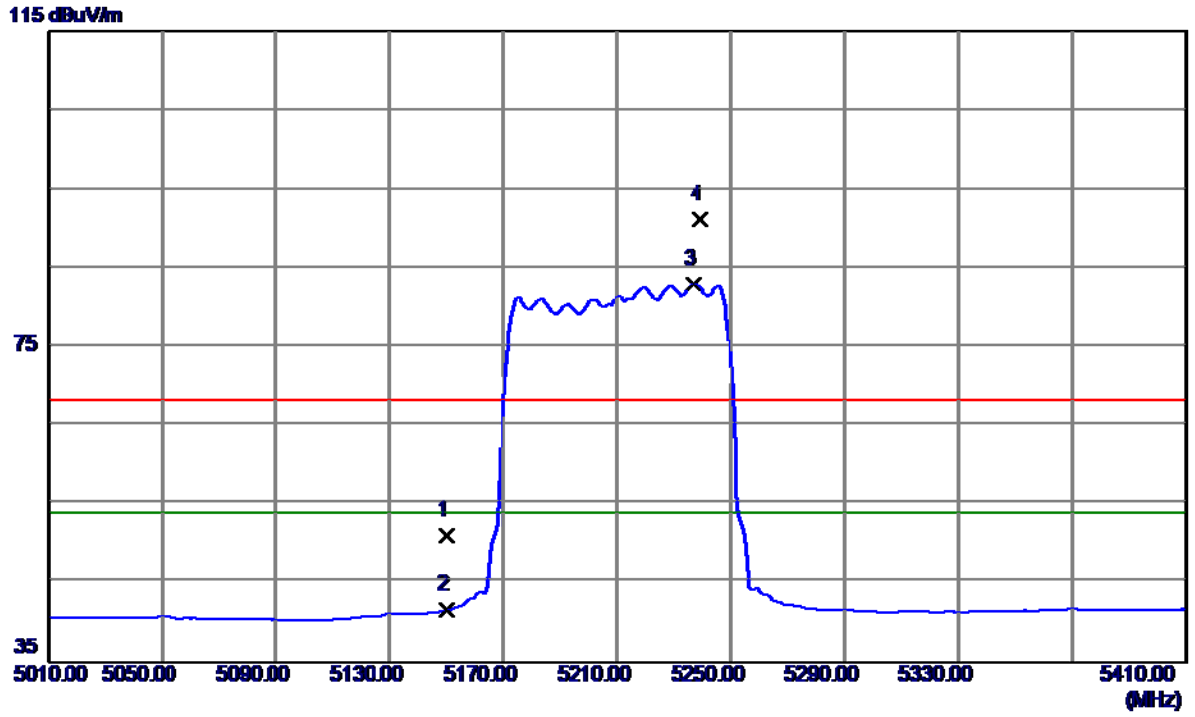
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10420.1700	32.90	15.10	48.00	68.30	-20.30	Peak	
2 *	10420.3500	25.11	15.10	40.21	54.00	-13.79	AVG	

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

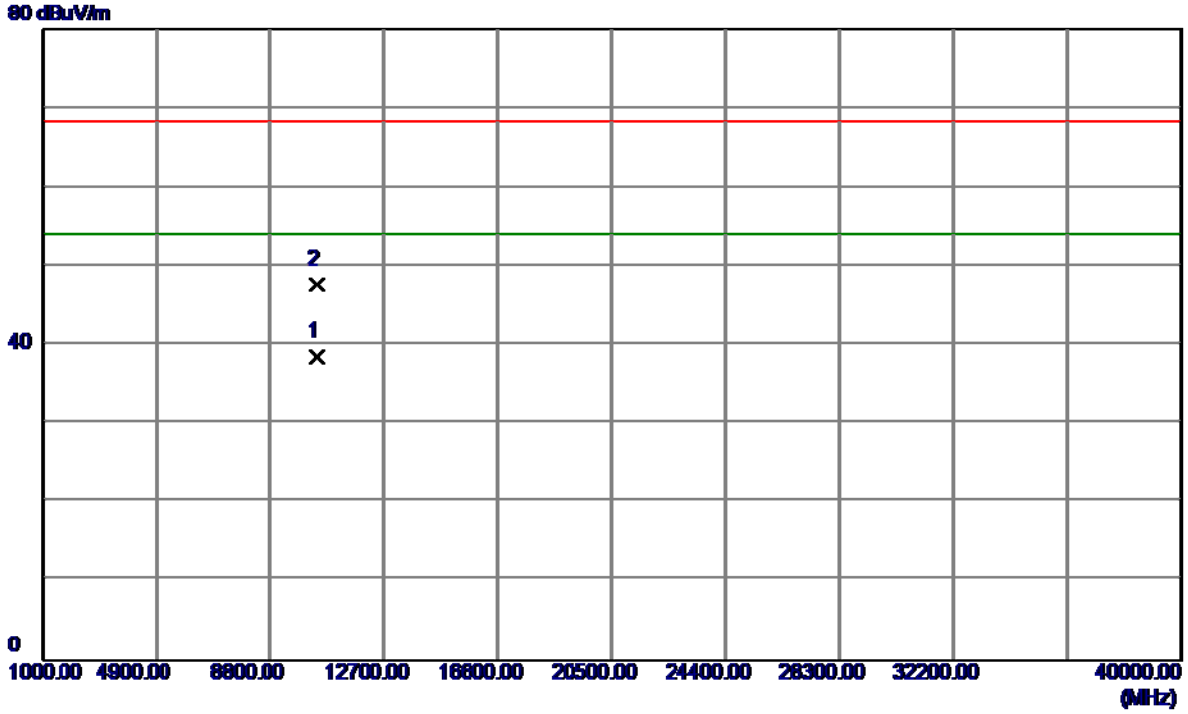
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.54	40.62	51.16	68.30	-17.14	Peak	
2	5150.0000	1.06	40.62	41.68	54.00	-12.32	AVG	
3 *	5237.2000	42.14	40.91	83.05	54.00	29.05	AVG	No Limit
4	5239.2000	50.21	40.92	91.13	68.30	22.83	Peak	No Limit

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

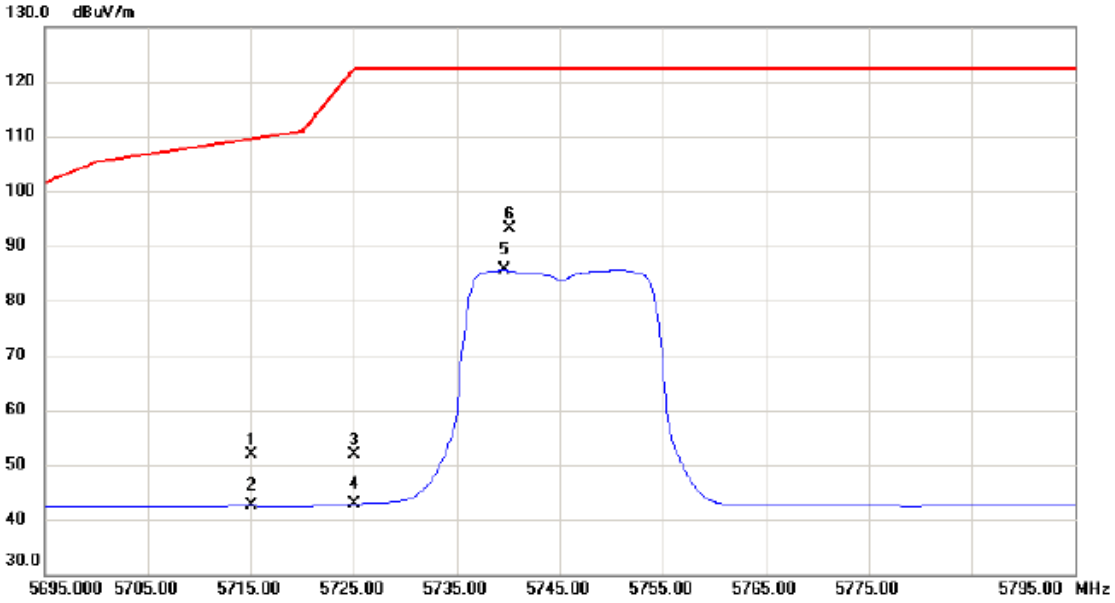
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.4100	23.40	15.10	38.50	54.00	-15.50	AVG	
2	10420.5300	32.55	15.10	47.65	68.30	-20.65	Peak	

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

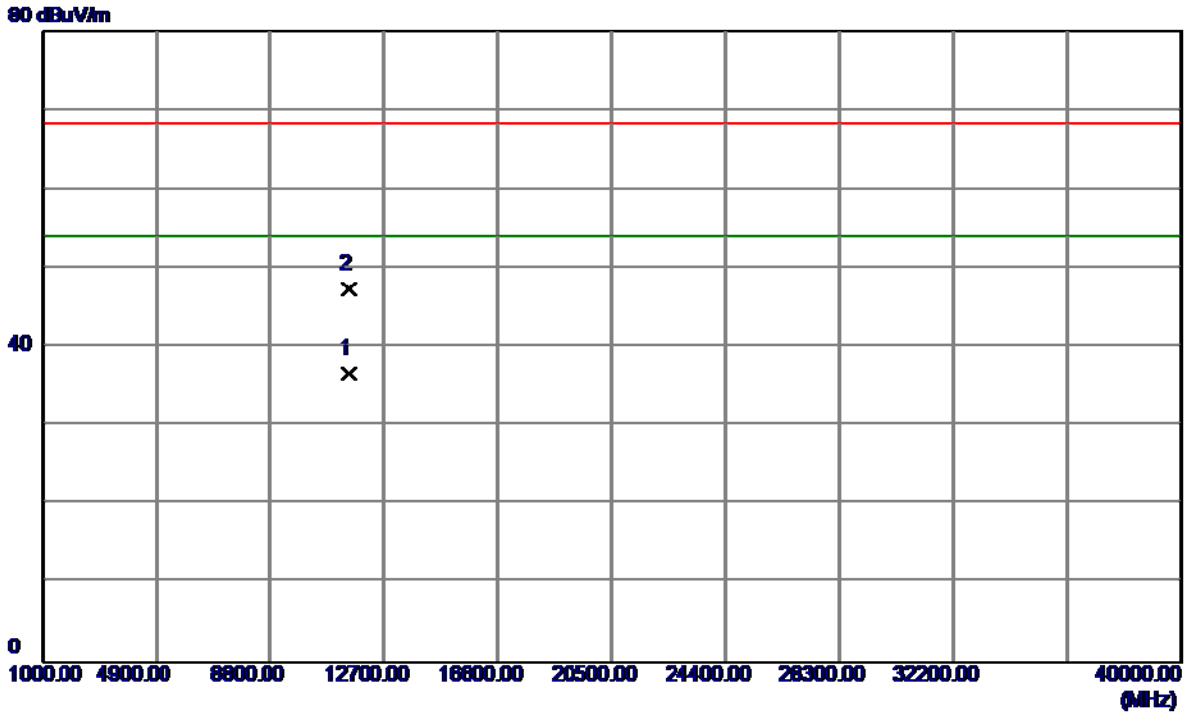
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	9.34	42.55	51.89	109.50	-57.61	peak	
2		5715.000	-0.03	42.55	42.52	109.50	-66.98	AVG	
3		5725.000	9.38	42.58	51.96	122.30	-70.34	peak	
4		5725.000	0.34	42.58	42.92	122.30	-79.38	AVG	
5		5739.600	42.91	42.64	85.55	122.30	-36.75	AVG	
6	*	5740.200	50.37	42.64	93.01	122.30	-29.29	peak	

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

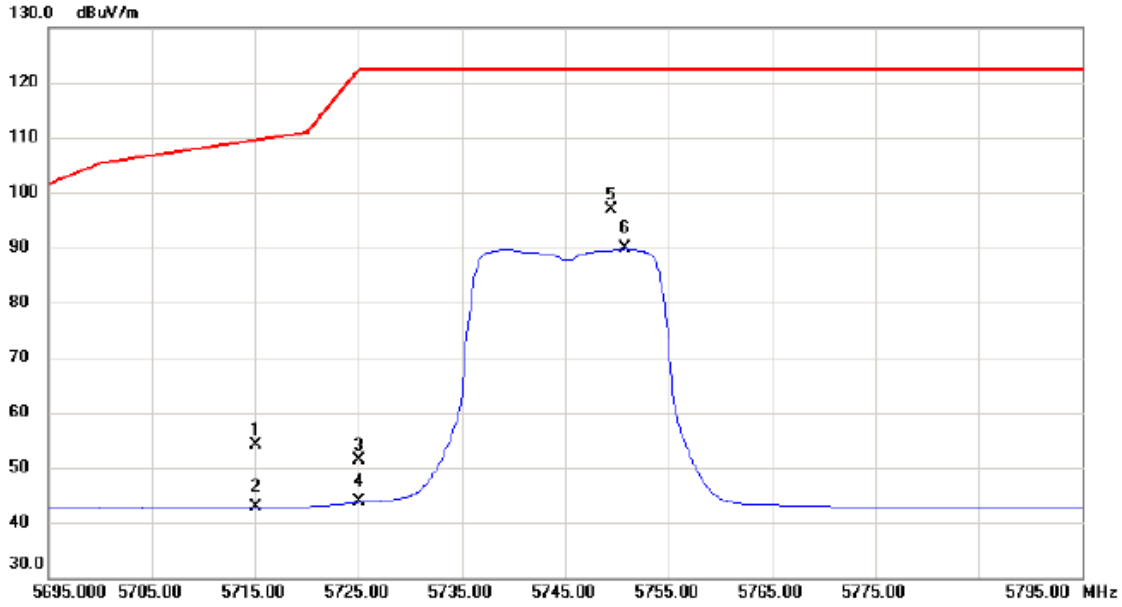
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.3860	21.21	15.49	36.70	54.00	-17.30	AVG	
2	11490.4640	31.83	15.49	47.32	68.30	-20.98	Peak	

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

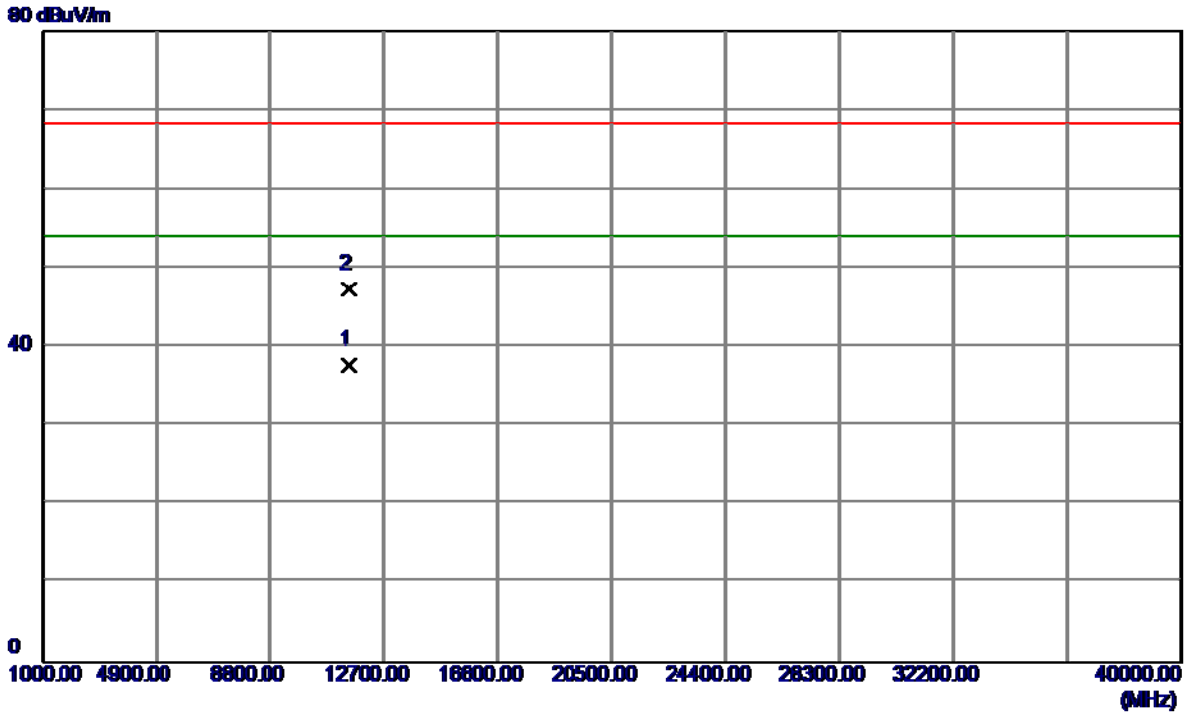
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	11.48	42.55	54.03	109.50	-55.47	peak	
2		5715.000	0.33	42.55	42.88	109.50	-66.62	AVG	
3		5725.000	8.91	42.58	51.49	122.30	-70.81	peak	
4		5725.000	1.18	42.58	43.76	122.30	-78.54	AVG	
5	*	5749.500	54.13	42.67	96.80	122.30	-25.50	peak	
6		5750.800	47.10	42.67	89.77	122.30	-32.53	AVG	

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

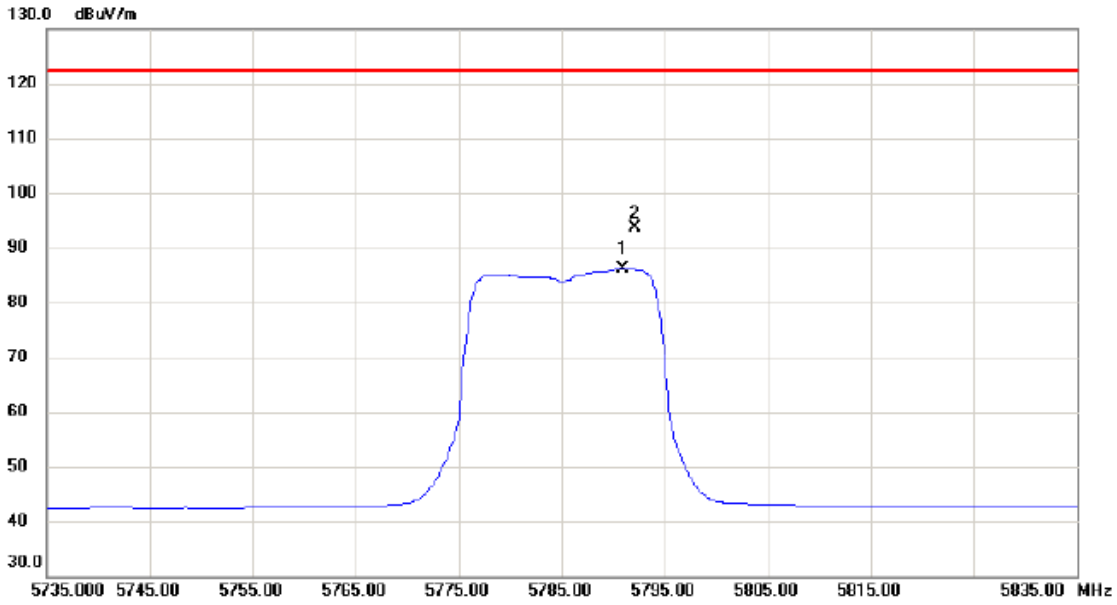
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.5359	22.20	15.49	37.69	54.00	-16.31	AVG	
2	11489.9020	31.88	15.49	47.37	68.30	-20.93	Peak	

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

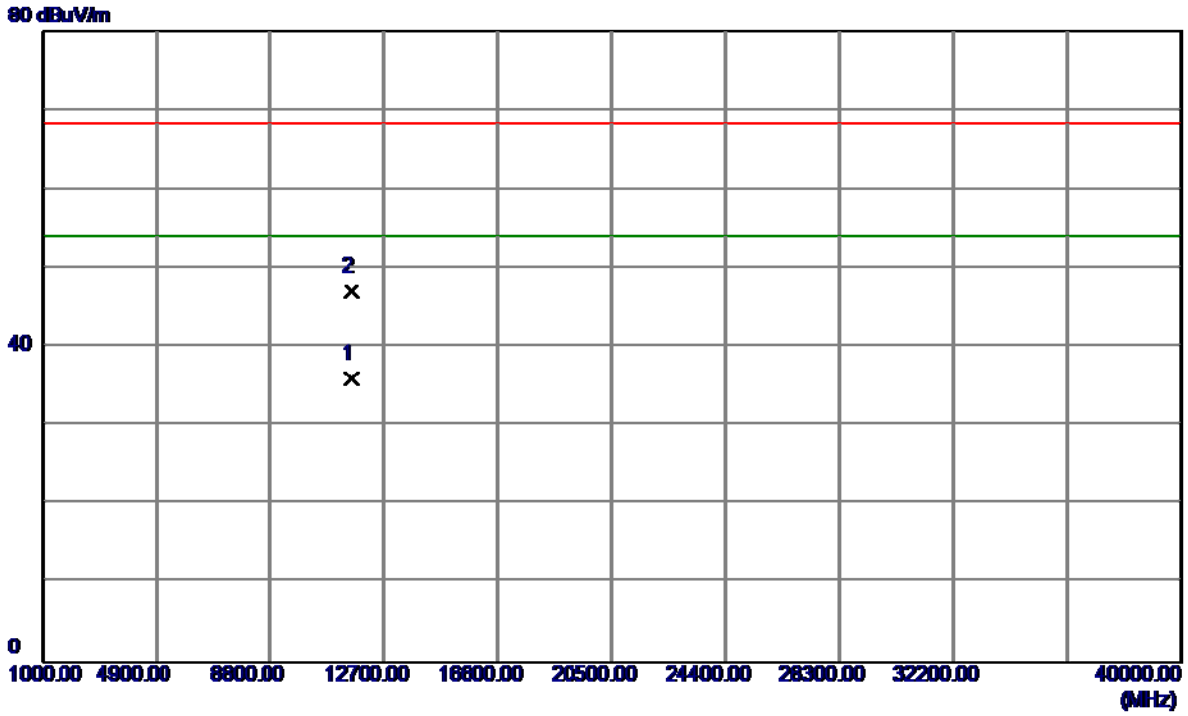
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5790.900	43.37	42.82	86.19	122.30	-36.11	AVG	
2	*	5792.200	50.80	42.82	93.62	122.30	-28.68	peak	

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

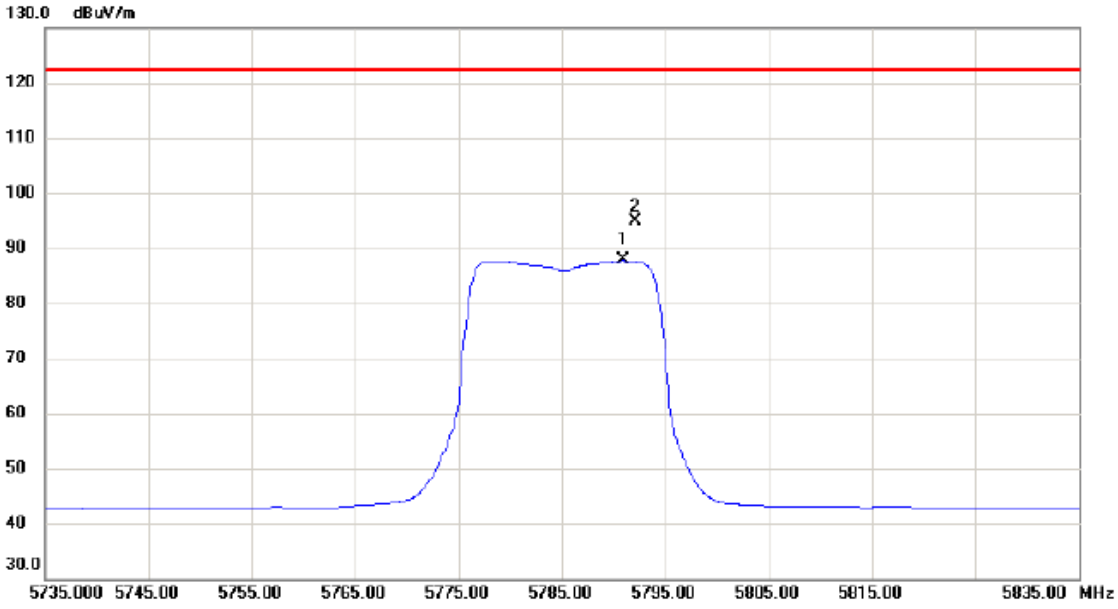
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.9780	20.59	15.48	36.07	54.00	-17.93	AVG	
2	11569.1640	31.60	15.48	47.08	68.30	-21.22	Peak	

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

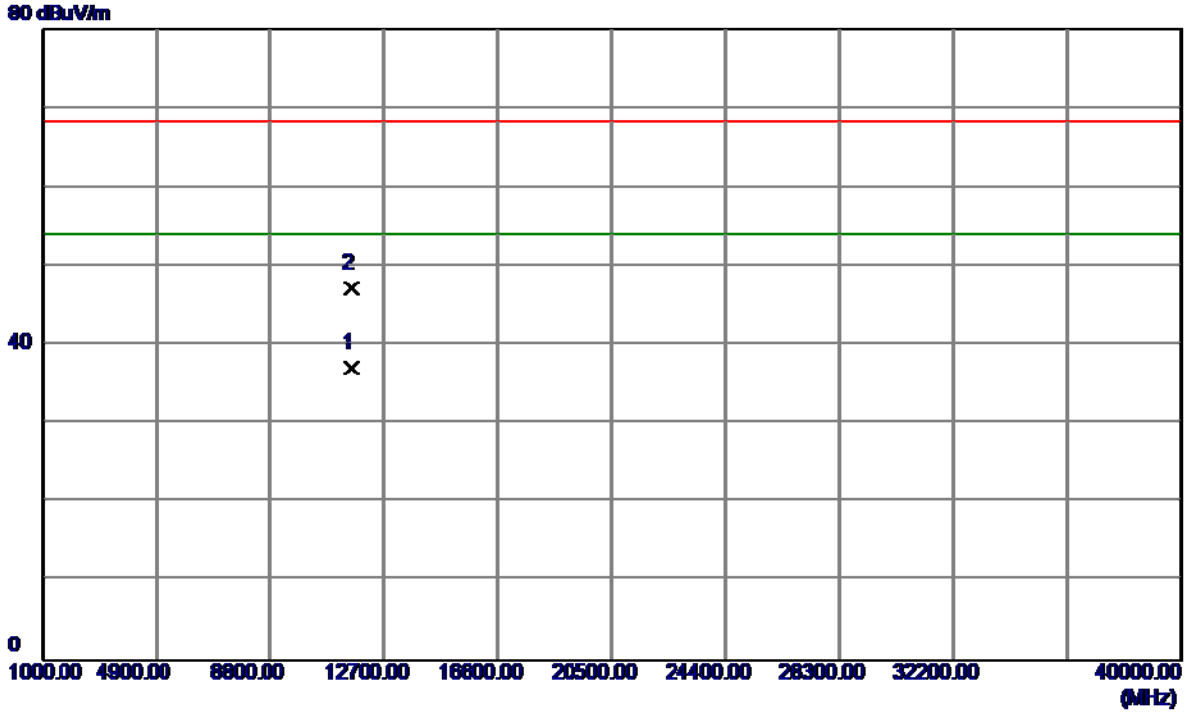
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5790.900	44.94	42.82	87.76	122.30	-34.54	AVG	
2	*	5792.100	52.18	42.82	95.00	122.30	-27.30	peak	

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

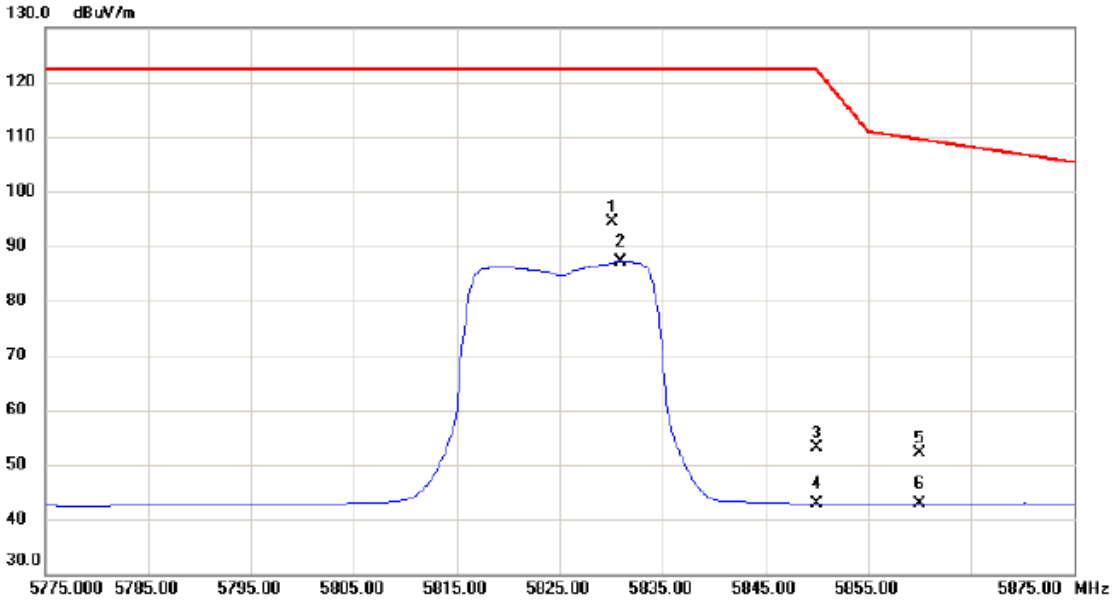
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.6080	21.69	15.48	37.17	54.00	-16.83	AVG	
2	11569.9880	31.66	15.48	47.14	68.30	-21.16	Peak	

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

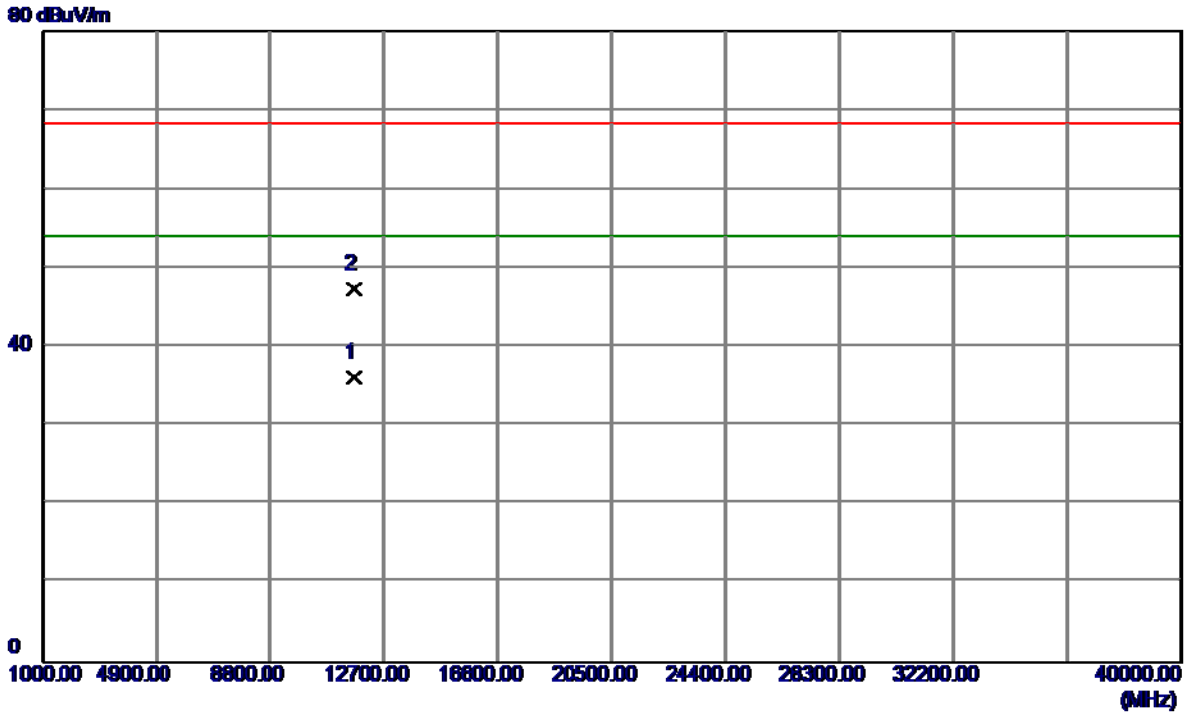
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5830.200	51.46	42.95	94.41	122.30	-27.89	peak	
2		5830.900	44.19	42.95	87.14	122.30	-35.16	AVG	
3		5850.000	10.07	43.03	53.10	122.30	-69.20	peak	
4		5850.000	-0.13	43.03	42.90	122.30	-79.40	AVG	
5		5860.000	9.05	43.06	52.11	109.50	-57.39	peak	
6		5860.000	-0.11	43.06	42.95	109.50	-66.55	AVG	

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

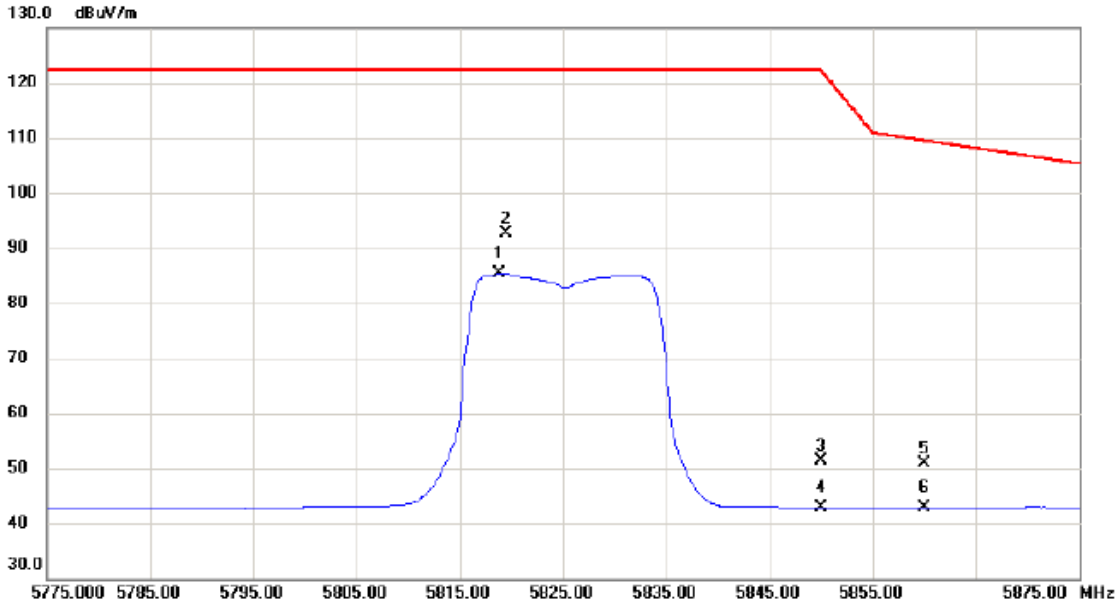
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649.8860	20.74	15.48	36.22	54.00	-17.78	AVG	
2	11649.0380	31.88	15.48	47.36	68.30	-20.94	Peak	

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

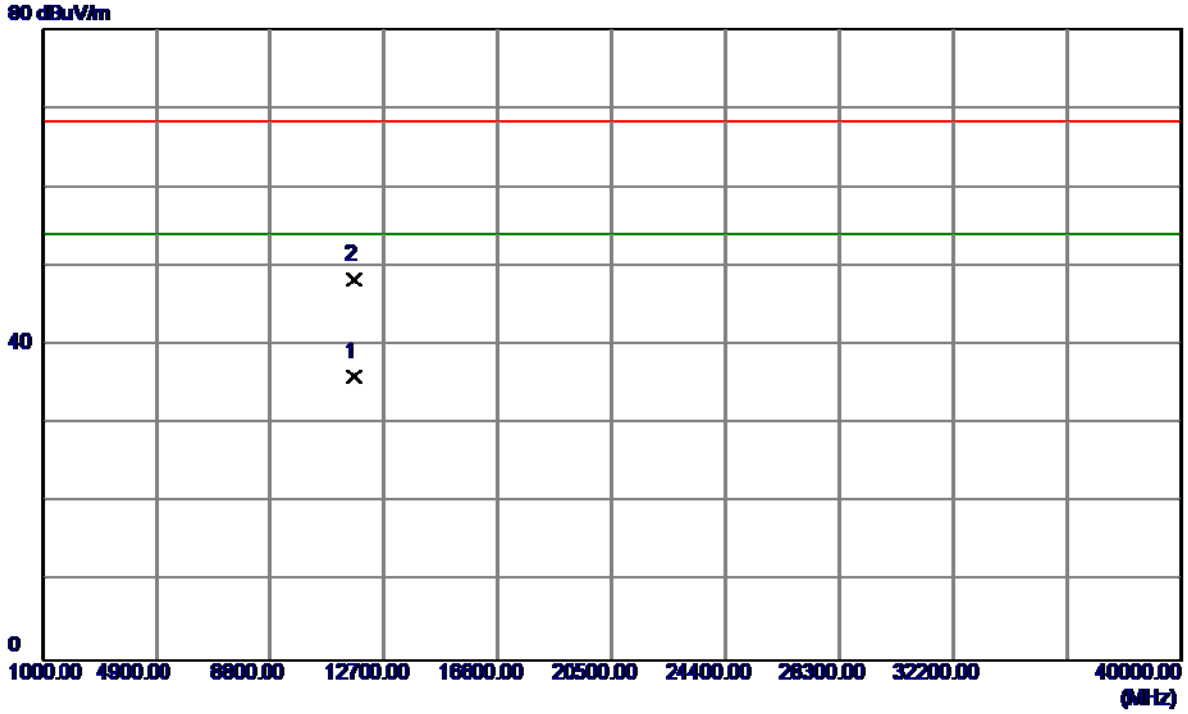
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5818.800	42.40	42.92	85.32	122.30	-36.98	AVG	
2	*	5819.500	49.77	42.92	92.69	122.30	-29.61	peak	
3		5850.000	8.30	43.03	51.33	122.30	-70.97	peak	
4		5850.000	-0.22	43.03	42.81	122.30	-79.49	AVG	
5		5860.000	7.89	43.06	50.95	109.50	-58.55	peak	
6		5860.000	-0.09	43.06	42.97	109.50	-66.53	AVG	

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

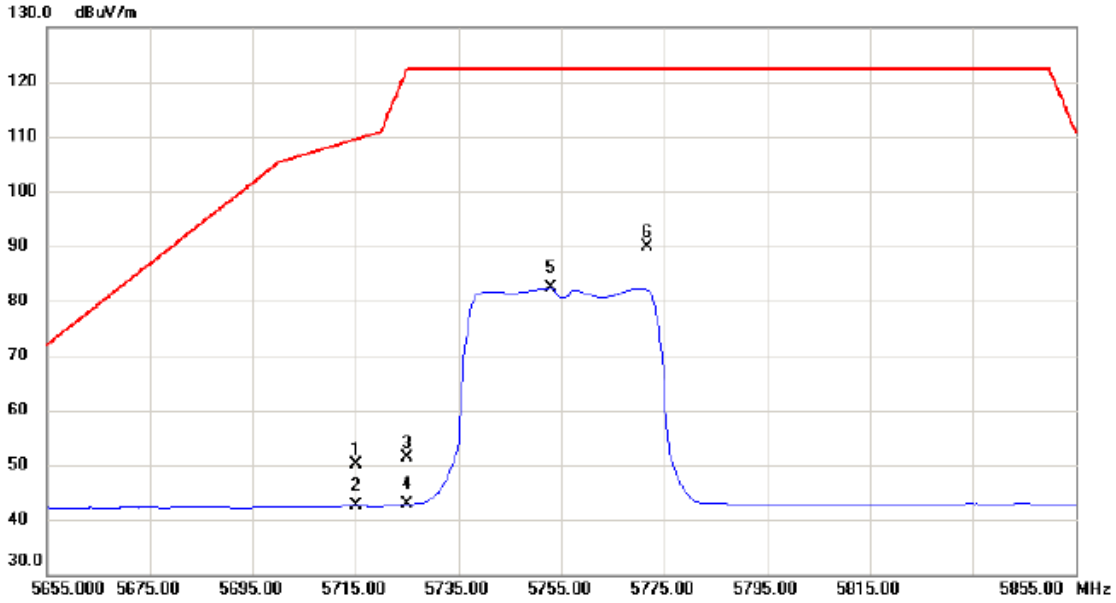
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.4620	20.54	15.48	36.02	54.00	-17.98	AVG	
2	11649.4660	32.78	15.48	48.26	68.30	-20.04	Peak	

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

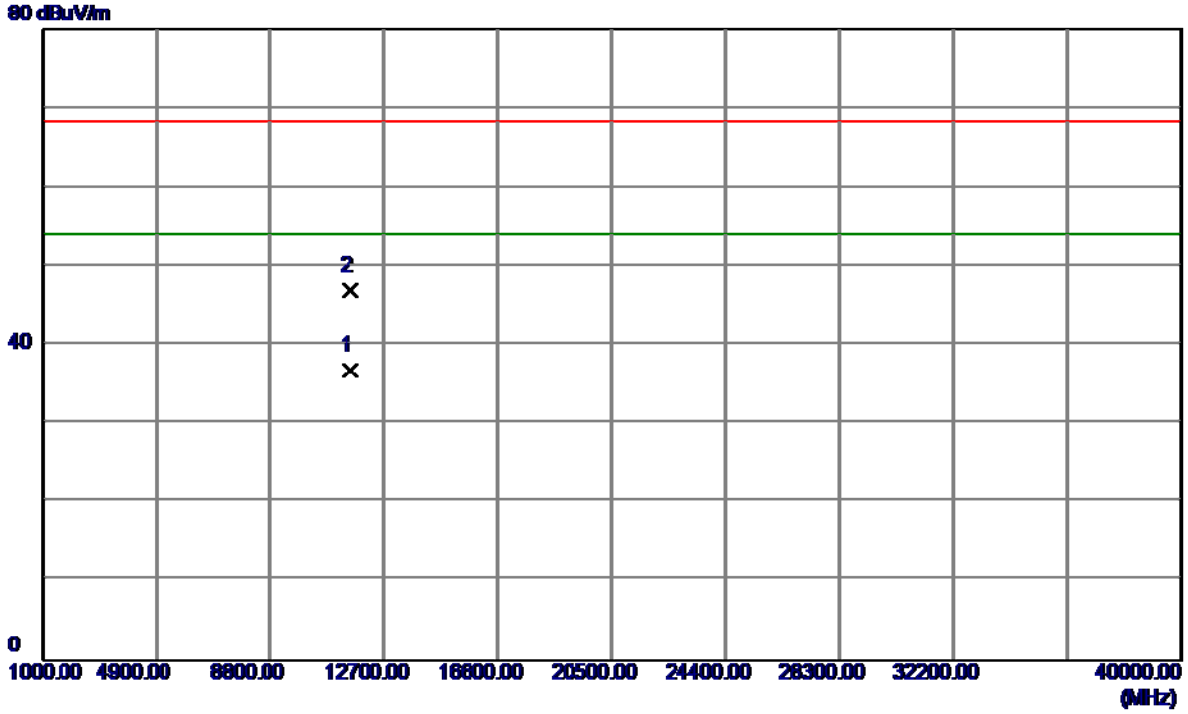
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	7.48	42.55	50.03	109.50	-59.47	peak	
2		5715.000	0.04	42.55	42.59	109.50	-66.91	AVG	
3		5725.000	8.86	42.58	51.44	122.30	-70.86	peak	
4		5725.000	0.31	42.58	42.89	122.30	-79.41	AVG	
5		5753.000	39.58	42.68	82.26	122.30	-40.04	AVG	
6	*	5771.600	47.20	42.75	89.95	122.30	-32.35	peak	

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

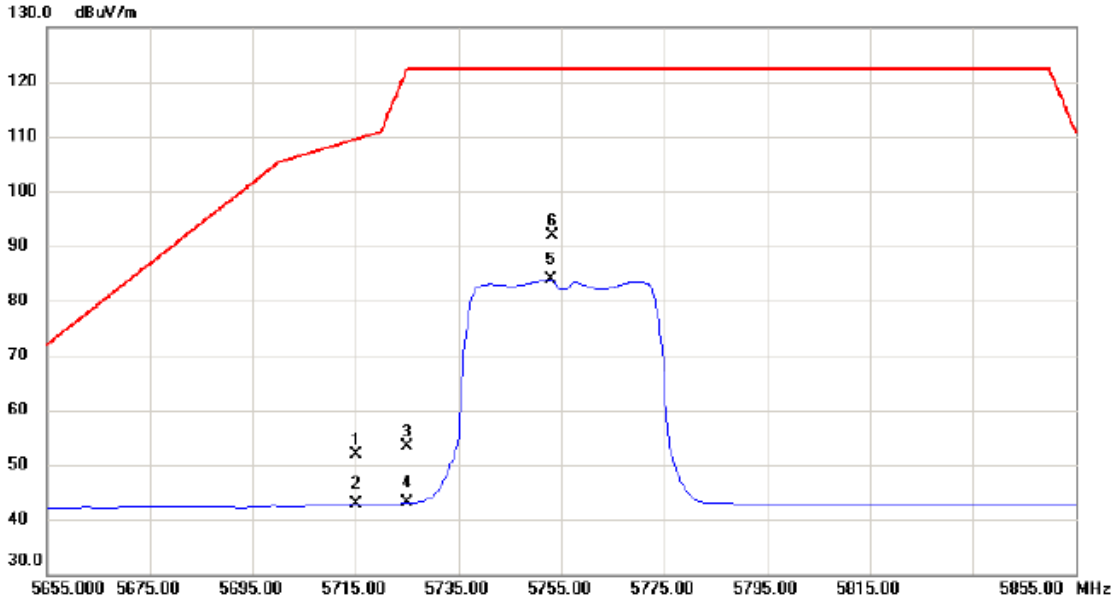
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11510.2619	21.38	15.48	36.86	54.00	-17.14	AVG	
2	11509.5780	31.35	15.48	46.83	68.30	-21.47	Peak	

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

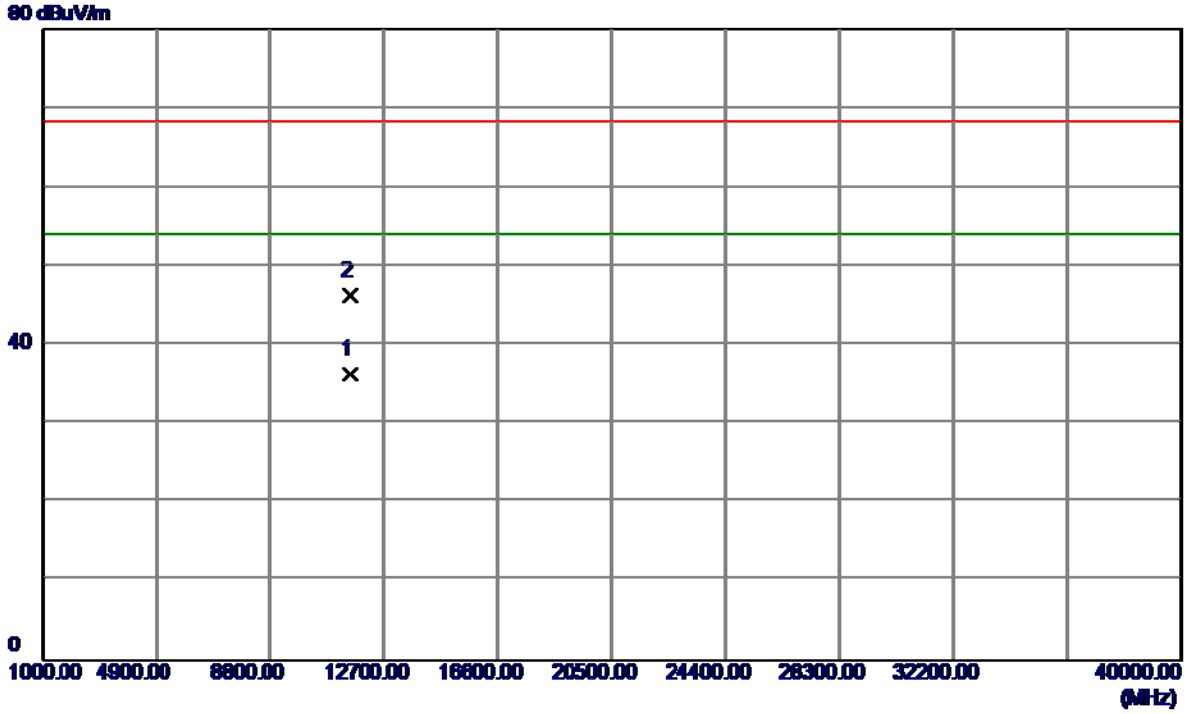
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	9.40	42.55	51.95	109.50	-57.55	peak	
2		5715.000	0.22	42.55	42.77	109.50	-66.73	AVG	
3		5725.000	10.68	42.58	53.26	122.30	-69.04	peak	
4		5725.000	0.51	42.58	43.09	122.30	-79.21	AVG	
5		5753.000	41.08	42.68	83.76	122.30	-38.54	AVG	
6	*	5753.200	49.22	42.68	91.90	122.30	-30.40	peak	

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

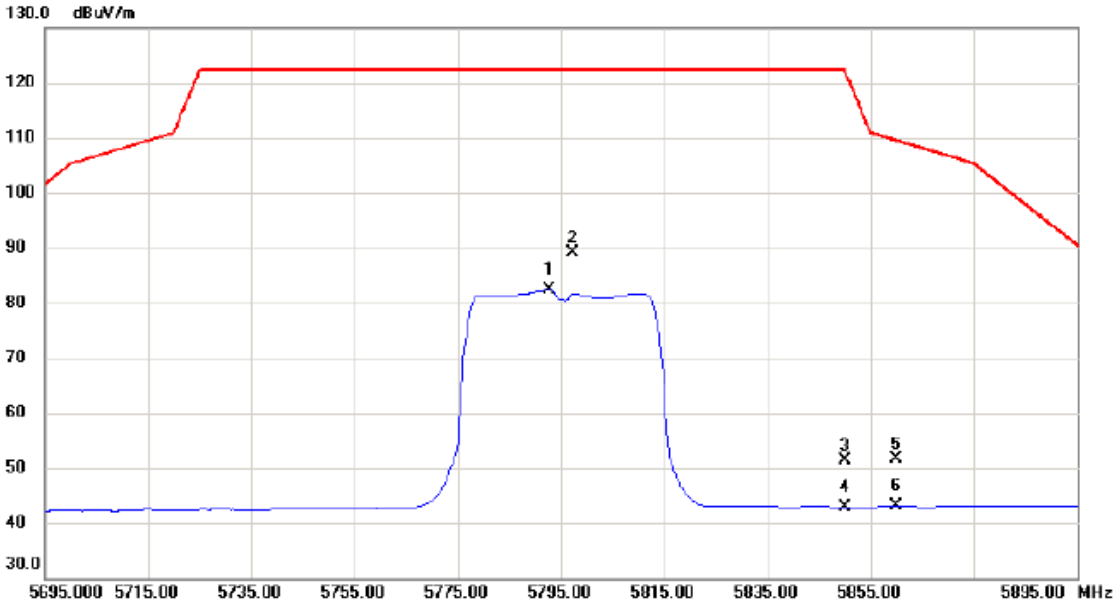
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.9800	20.85	15.48	36.33	54.00	-17.67	AVG	
2	11510.2859	30.80	15.48	46.28	68.30	-22.02	Peak	

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

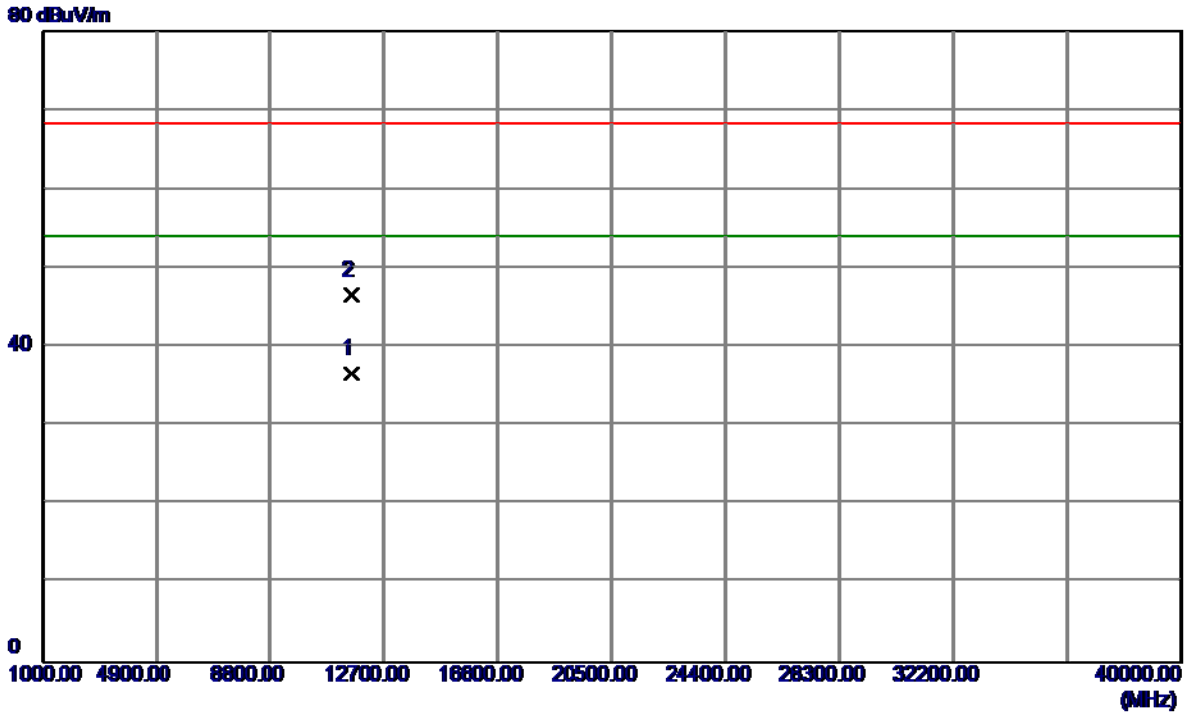
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5792.800	39.58	42.82	82.40	122.30	-39.90	AVG	
2	*	5797.400	46.32	42.83	89.15	122.30	-33.15	peak	
3		5850.000	8.40	43.03	51.43	122.30	-70.87	peak	
4		5850.000	-0.11	43.03	42.92	122.30	-79.38	AVG	
5		5860.000	8.64	43.06	51.70	109.50	-57.80	peak	
6		5860.000	0.05	43.06	43.11	109.50	-66.39	AVG	

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

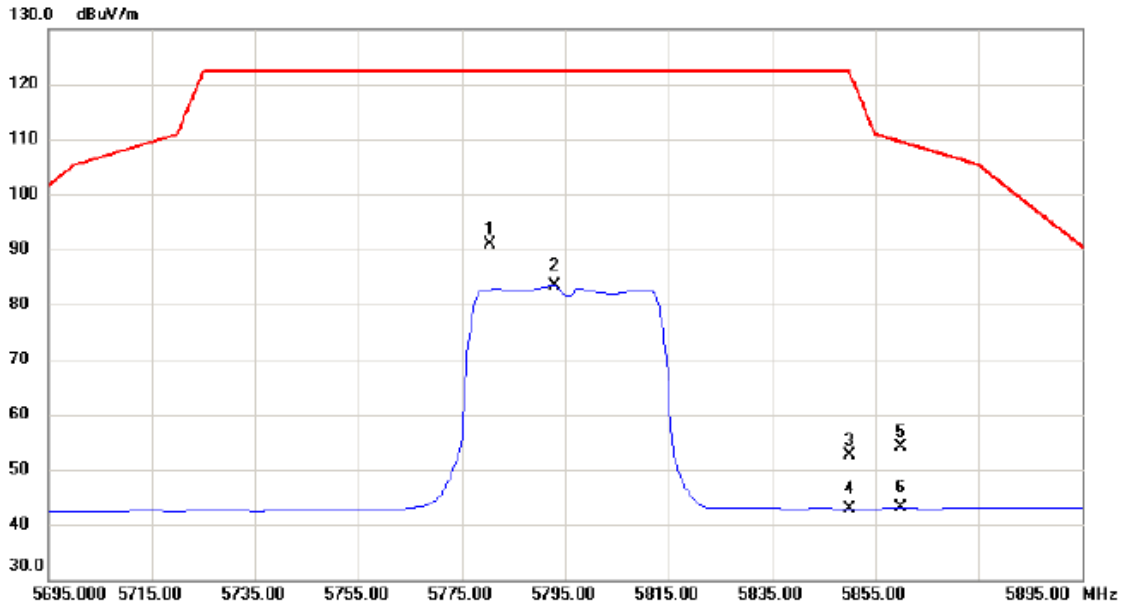
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590.4500	21.13	15.48	36.61	54.00	-17.39	AVG	
2	11589.1840	31.11	15.48	46.59	68.30	-21.71	Peak	

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

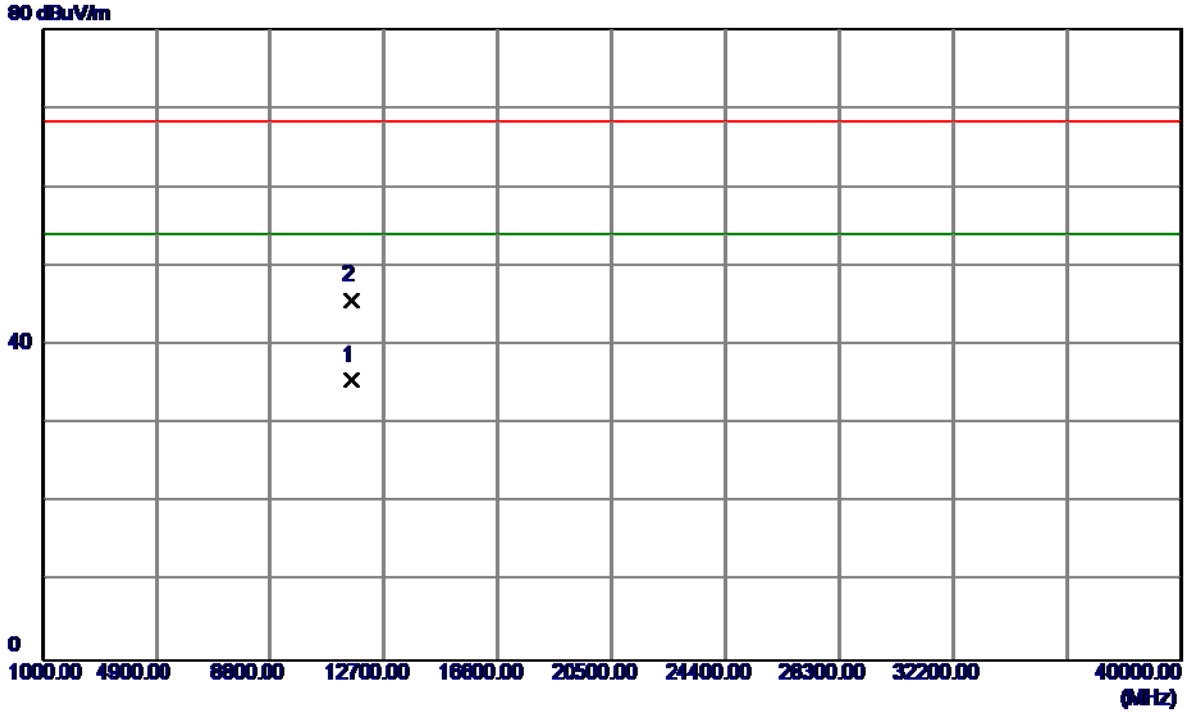
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5780.400	47.98	42.78	90.76	122.30	-31.54	peak	
2		5793.000	40.63	42.82	83.45	122.30	-38.85	AVG	
3		5850.000	9.56	43.03	52.59	122.30	-69.71	peak	
4		5850.000	-0.13	43.03	42.90	122.30	-79.40	AVG	
5		5860.000	11.03	43.06	54.09	109.50	-55.41	peak	
6		5860.000	0.03	43.06	43.09	109.50	-66.41	AVG	

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

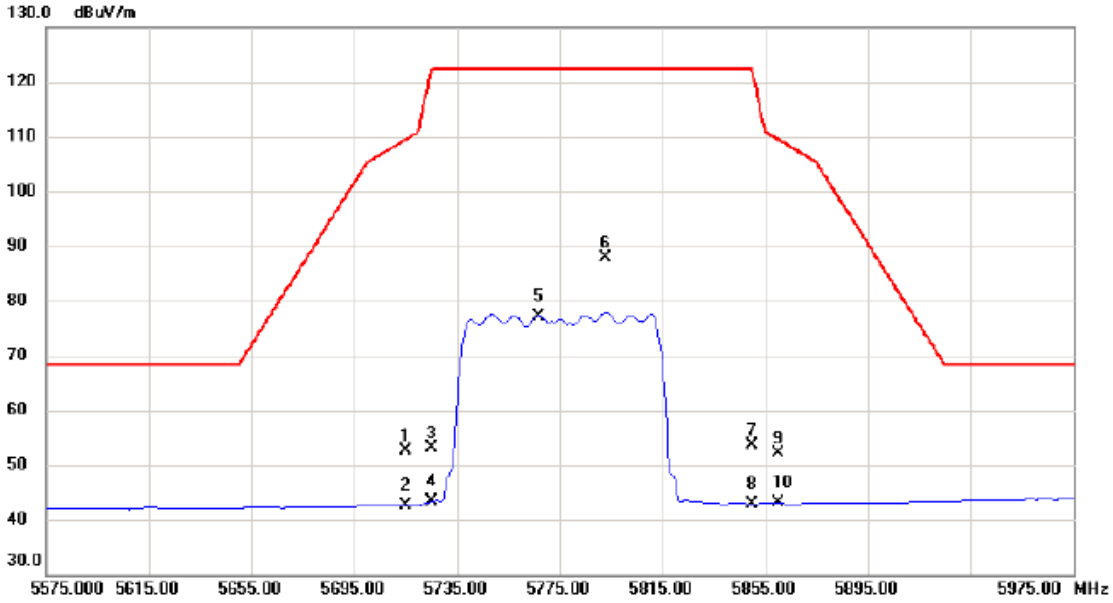
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590.9780	20.02	15.48	35.50	54.00	-18.50	AVG	
2	11590.3920	30.20	15.48	45.68	68.30	-22.62	Peak	

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

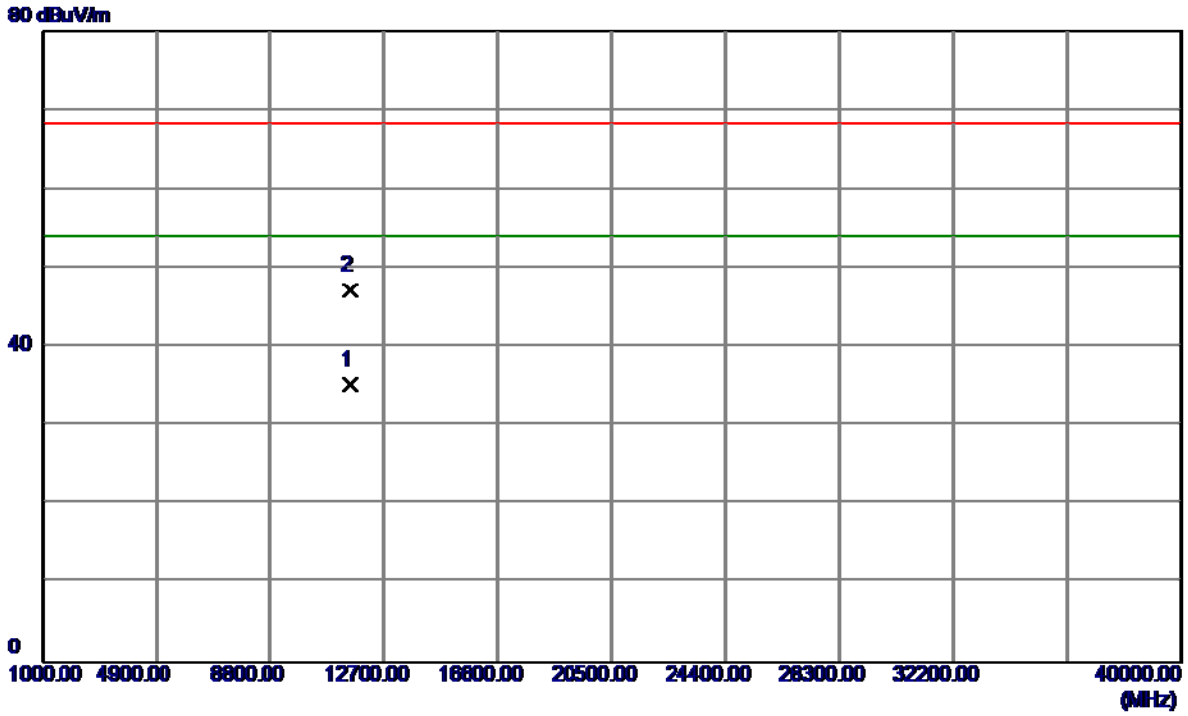
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	10.04	42.55	52.59	109.50	-56.91	peak	
2		5715.000	0.20	42.55	42.75	109.50	-66.75	AVG	
3		5725.000	10.60	42.58	53.18	122.30	-69.12	peak	
4		5725.000	0.72	42.58	43.30	122.30	-79.00	AVG	
5		5766.600	34.52	42.73	77.25	122.30	-45.05	AVG	
6	*	5792.600	44.94	42.82	87.76	122.30	-34.54	peak	
7		5850.000	10.69	43.03	53.72	122.30	-68.58	peak	
8		5850.000	-0.08	43.03	42.95	122.30	-79.35	AVG	
9		5860.000	9.09	43.06	52.15	109.50	-57.35	peak	
10		5860.000	-0.03	43.06	43.03	109.50	-66.47	AVG	

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

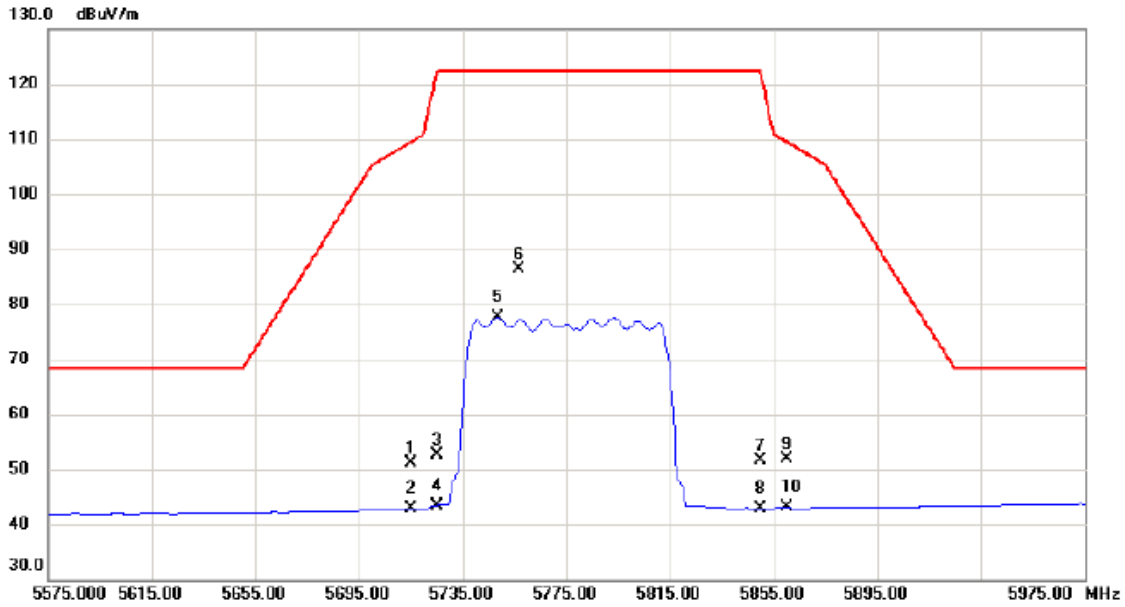
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11550.6760	19.65	15.48	35.13	68.30	-33.17	Peak	
2 *	11550.3280	31.75	15.48	47.23	54.00	-6.77	AVG	

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

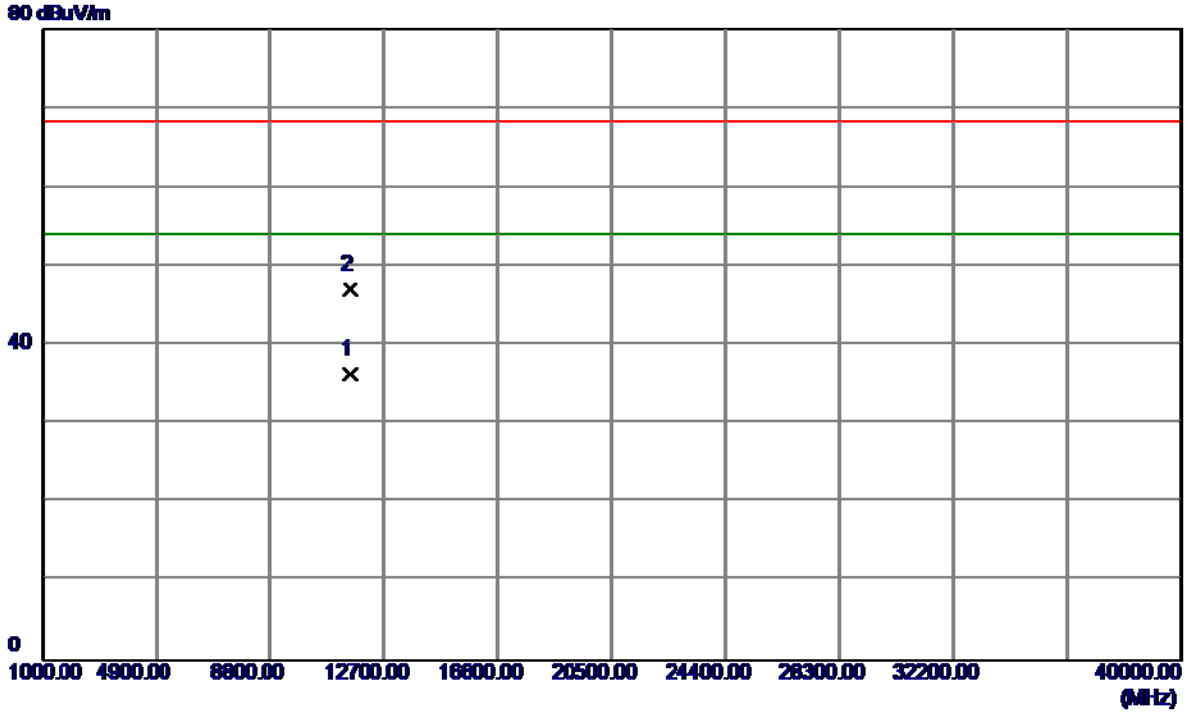
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	8.57	42.55	51.12	109.50	-58.38	peak	
2		5715.000	0.27	42.55	42.82	109.50	-66.68	AVG	
3		5725.000	10.14	42.58	52.72	122.30	-69.58	peak	
4		5725.000	0.86	42.58	43.44	122.30	-78.86	AVG	
5		5748.600	34.94	42.67	77.61	122.30	-44.69	AVG	
6	*	5756.600	43.69	42.70	86.39	122.30	-35.91	peak	
7		5850.000	8.60	43.03	51.63	122.30	-70.67	peak	
8		5850.000	-0.13	43.03	42.90	122.30	-79.40	AVG	
9		5860.000	8.87	43.06	51.93	109.50	-57.57	peak	
10		5860.000	-0.04	43.06	43.02	109.50	-66.48	AVG	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11549.2699	20.91	15.48	36.39	54.00	-17.61	AVG	
2	11550.7960	31.61	15.48	47.09	68.30	-21.21	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

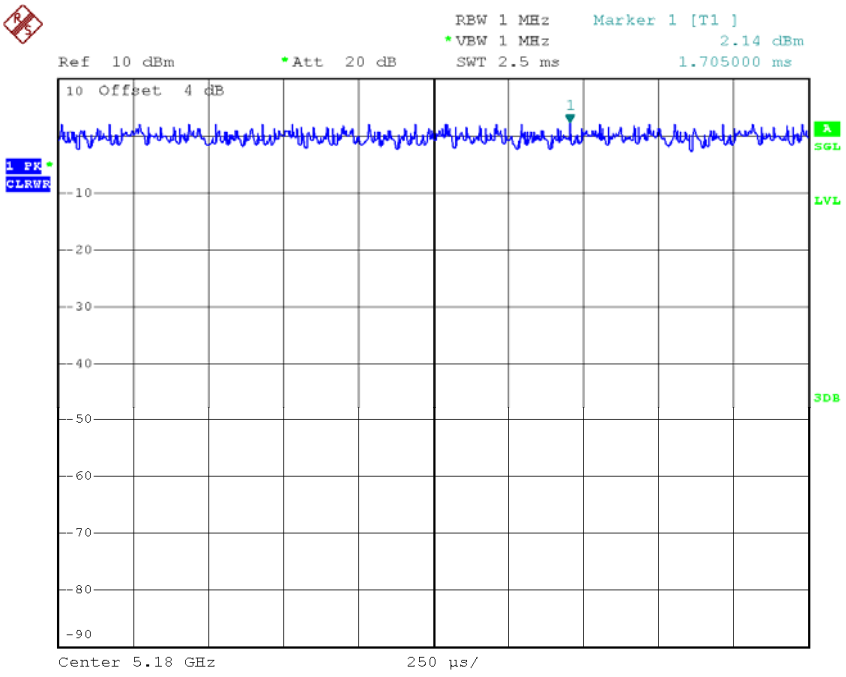
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

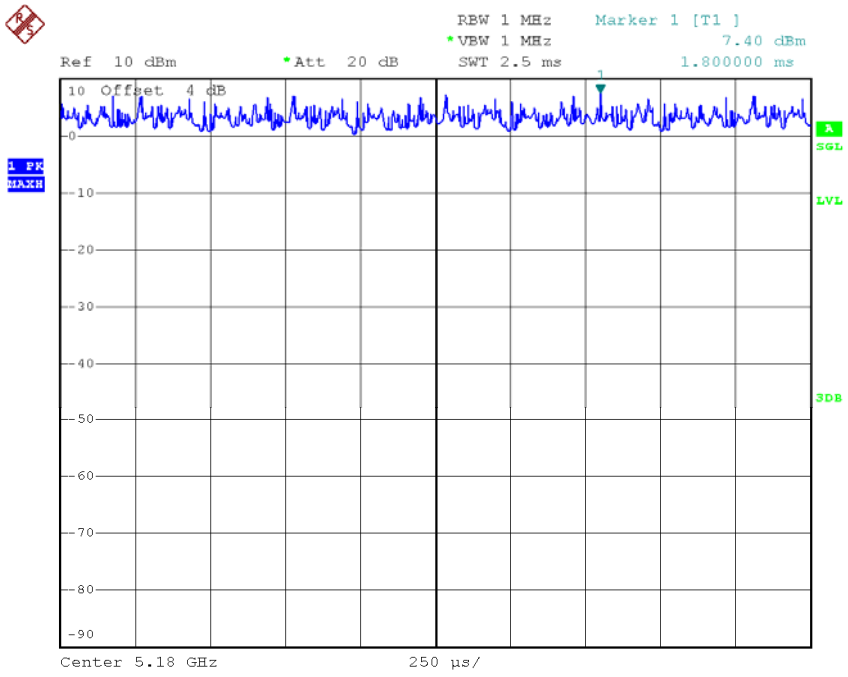
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

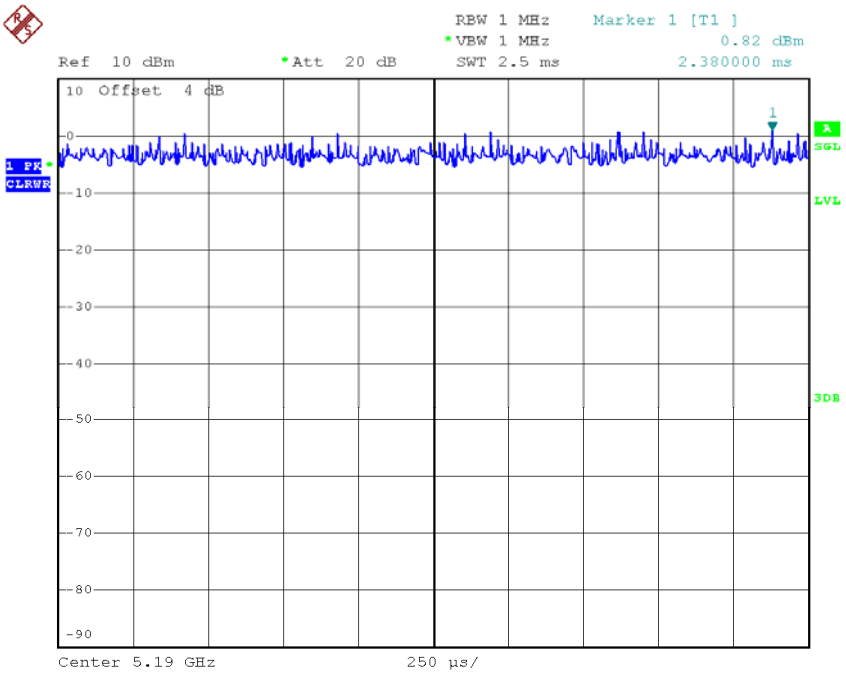
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

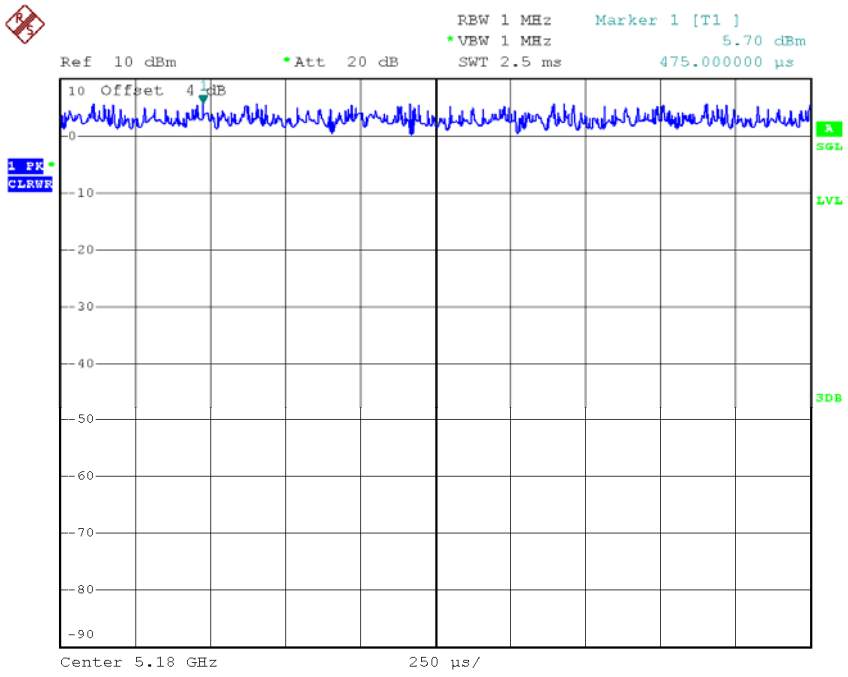
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

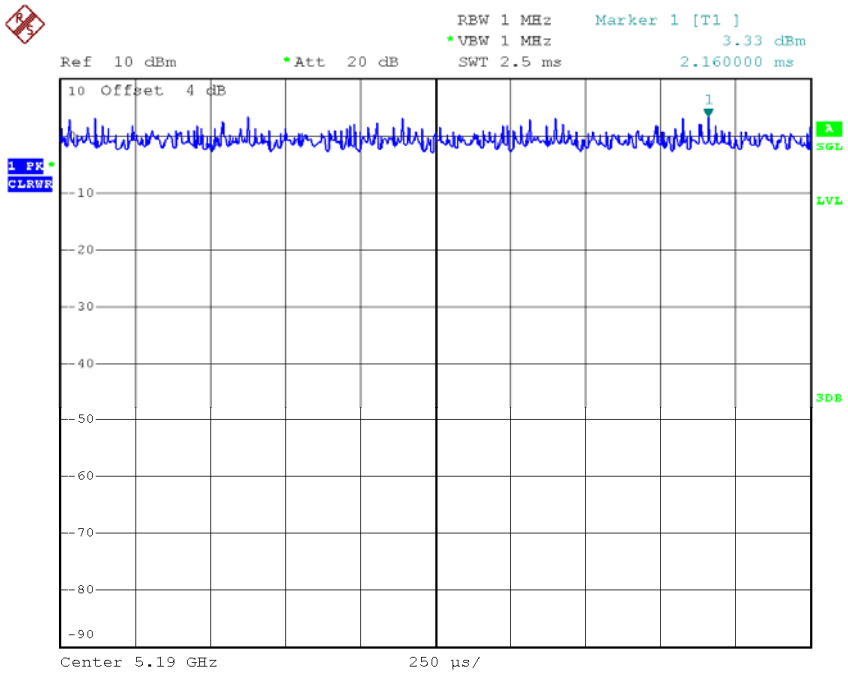
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

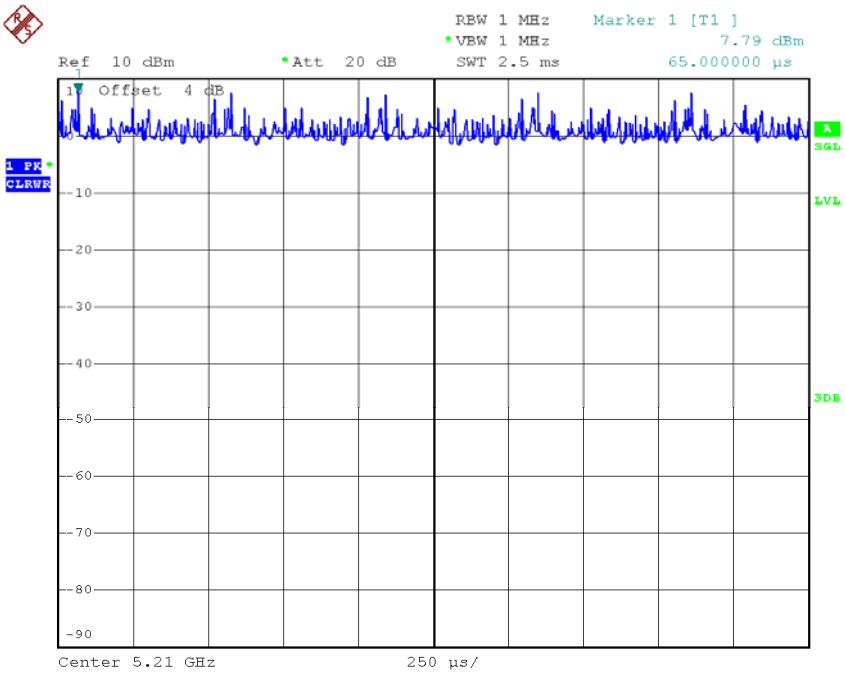
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



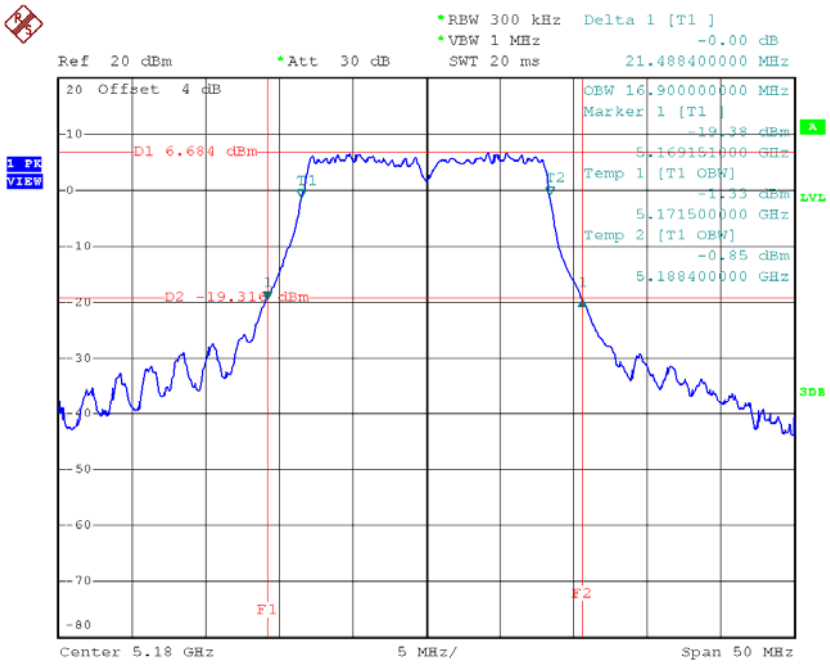
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

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

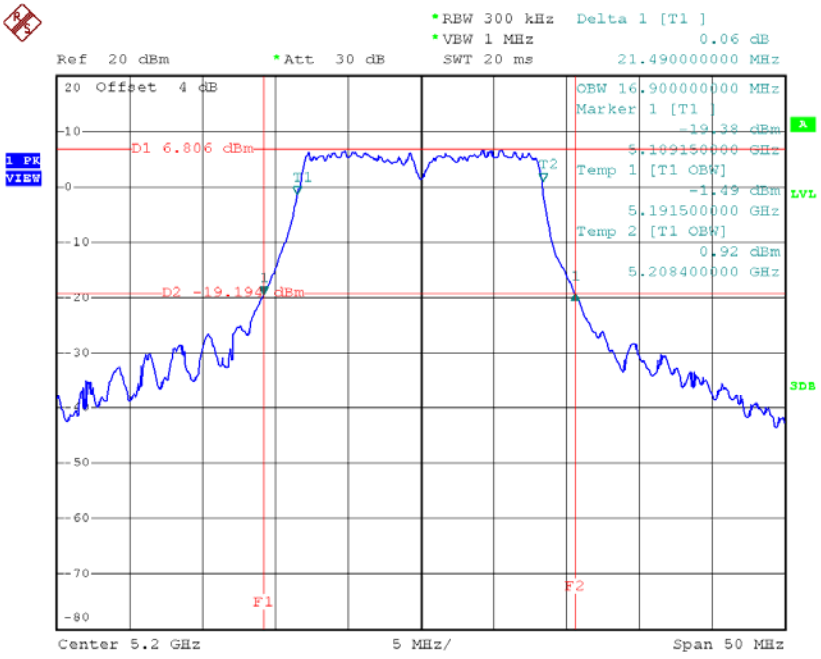
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.49	16.90
CH40	5200	21.49	16.90
CH48	5240	21.49	16.90

TX CH36



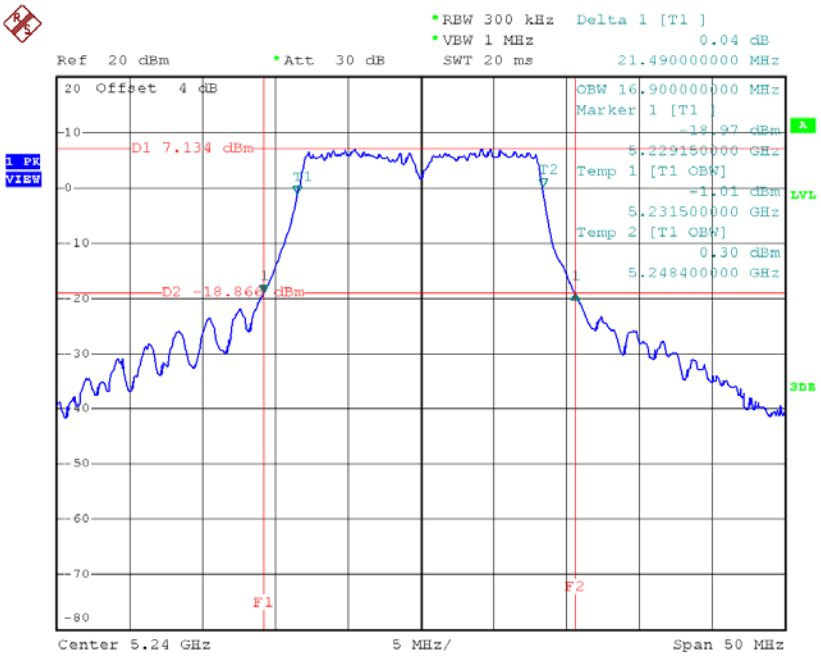
Date: 11.AUG.2016 15:26:02

TX CH40



Date: 11.AUG.2016 15:27:14

TX CH48

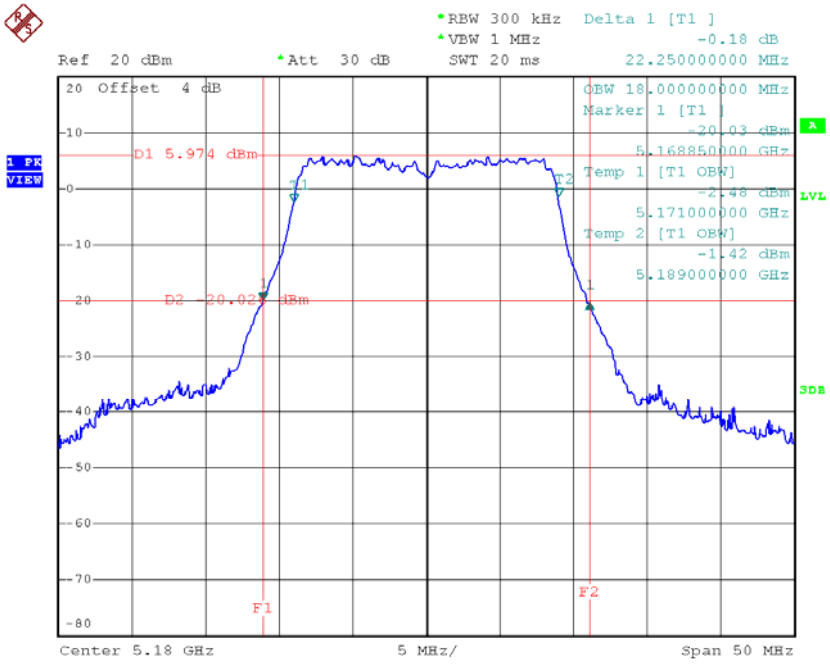


Date: 11.AUG.2016 15:28:23

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

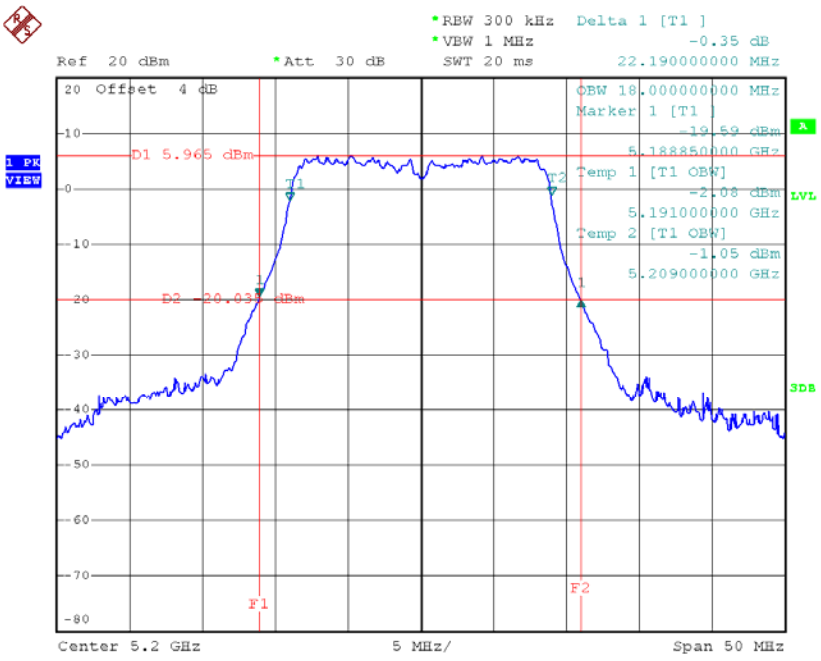
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.25	18.00
CH40	5200	22.19	18.00
CH48	5240	22.15	18.00

TX CH36



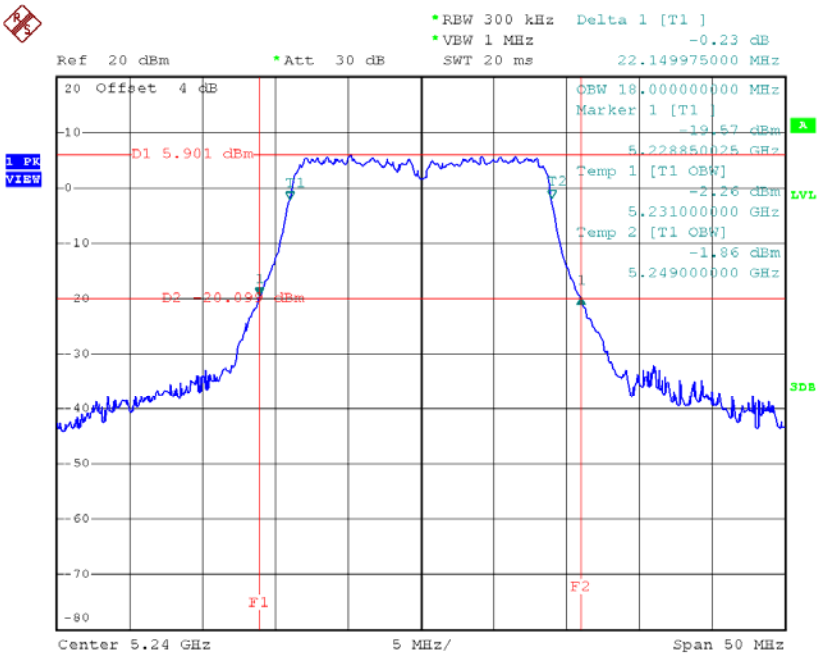
Date: 11.AUG.2016 16:39:45

TX CH40



Date: 11.AUG.2016 16:41:08

TX CH48

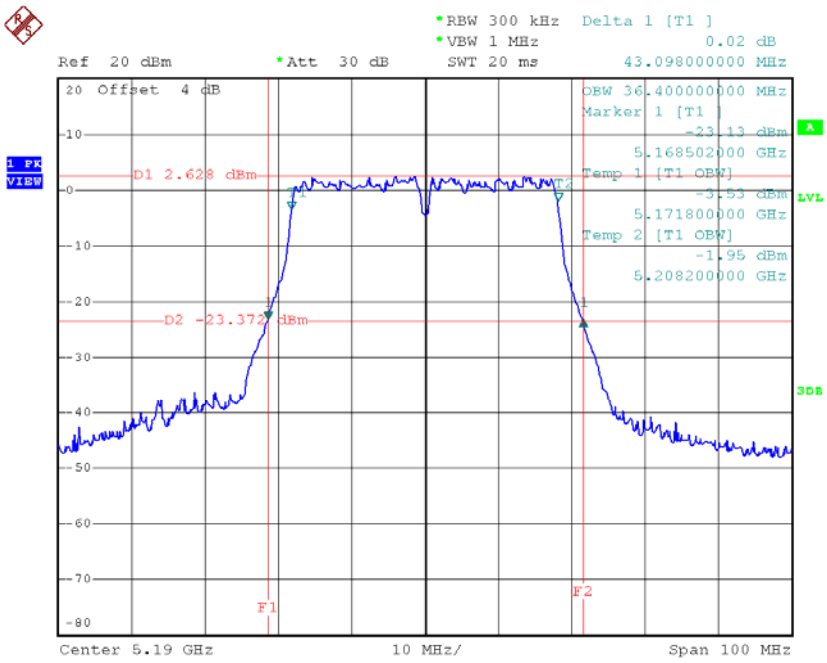


Date: 11.AUG.2016 16:42:20

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

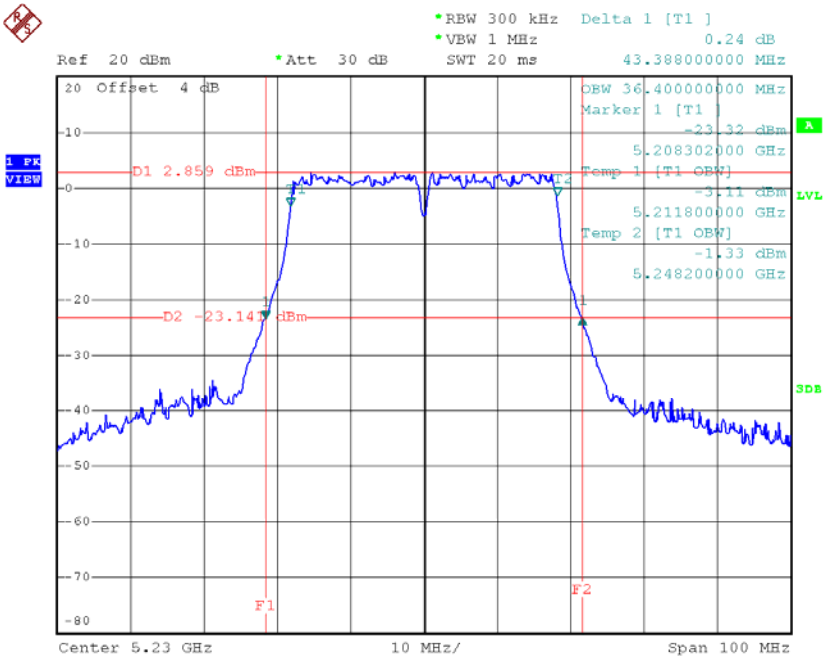
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.10	36.40
CH46	5230	43.39	36.40

TX CH38



Date: 11.AUG.2016 15:58:44

TX CH46

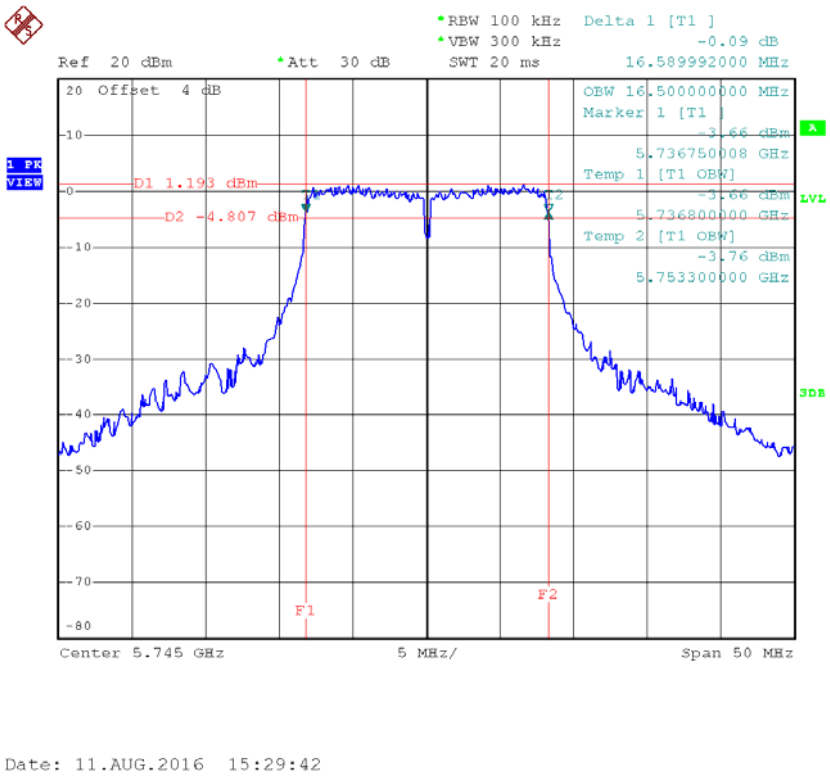


Date: 11.AUG.2016 15:59:56

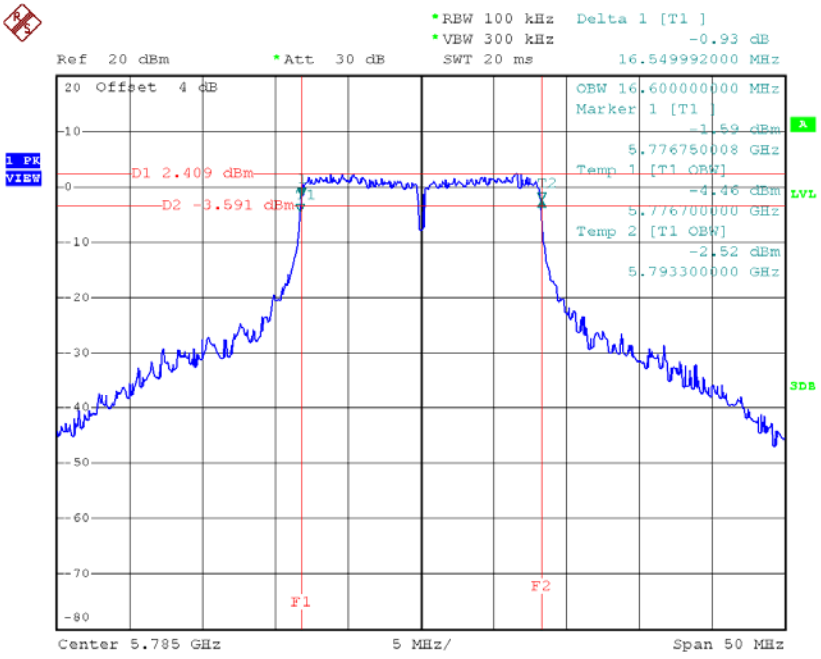
Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.59	16.50	>=500
CH157	5785	16.55	16.60	>=500
CH165	5825	16.70	16.60	>=500

TX CH 149

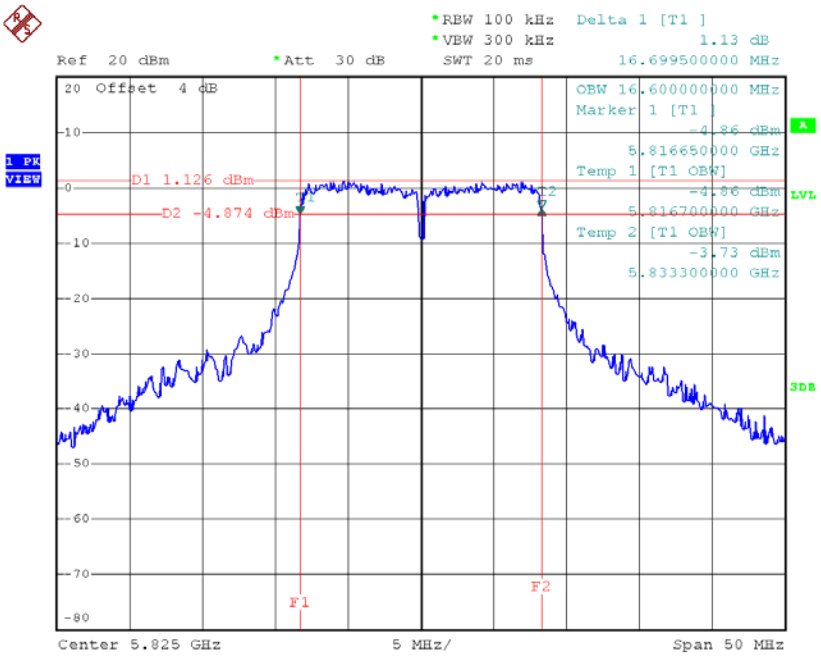


TX CH 157



Date: 11.AUG.2016 15:36:06

TX CH 165

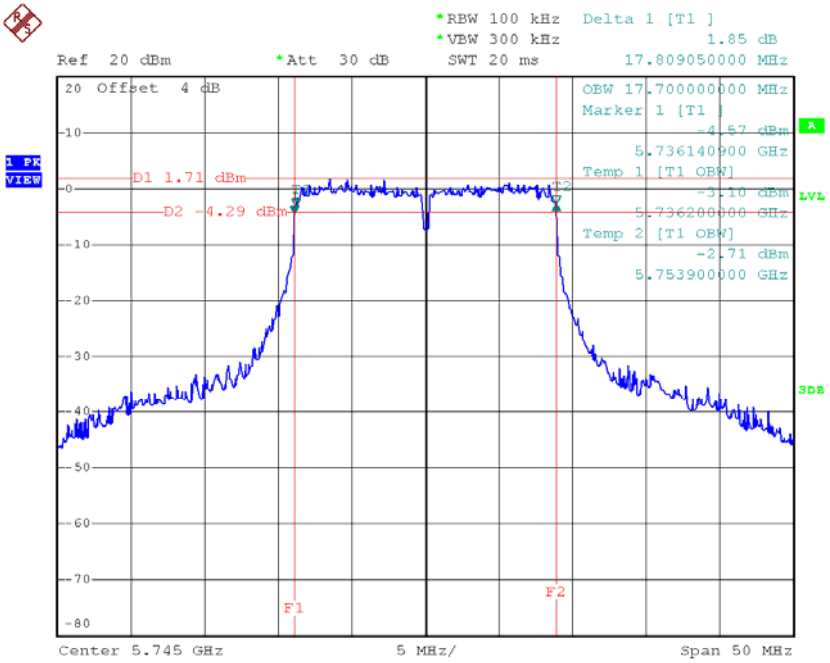


Date: 11.AUG.2016 15:37:42

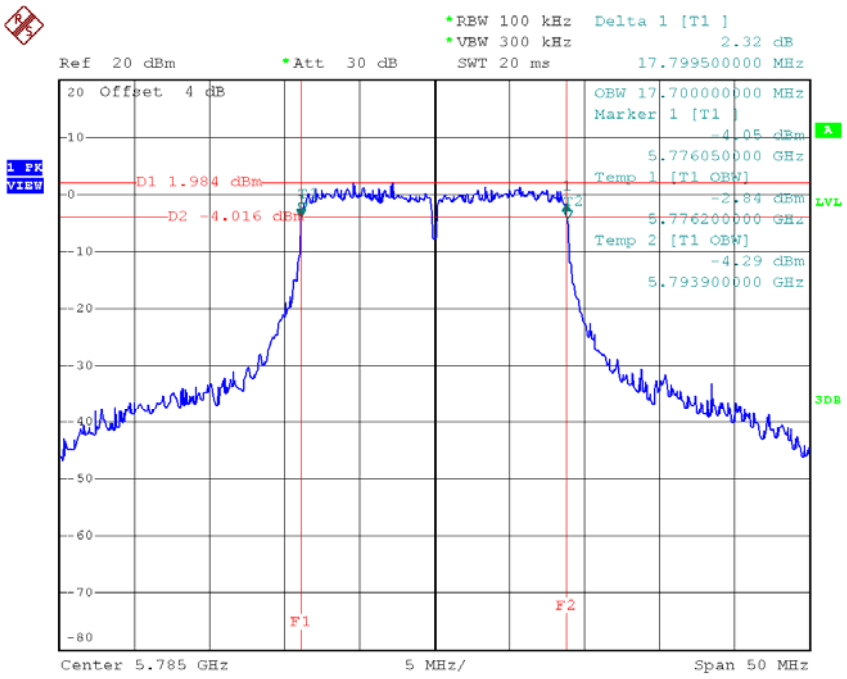
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.81	17.70	>=500
CH157	5785	17.80	17.70	>=500
CH165	5825	17.90	17.70	>=500

TX CH 149

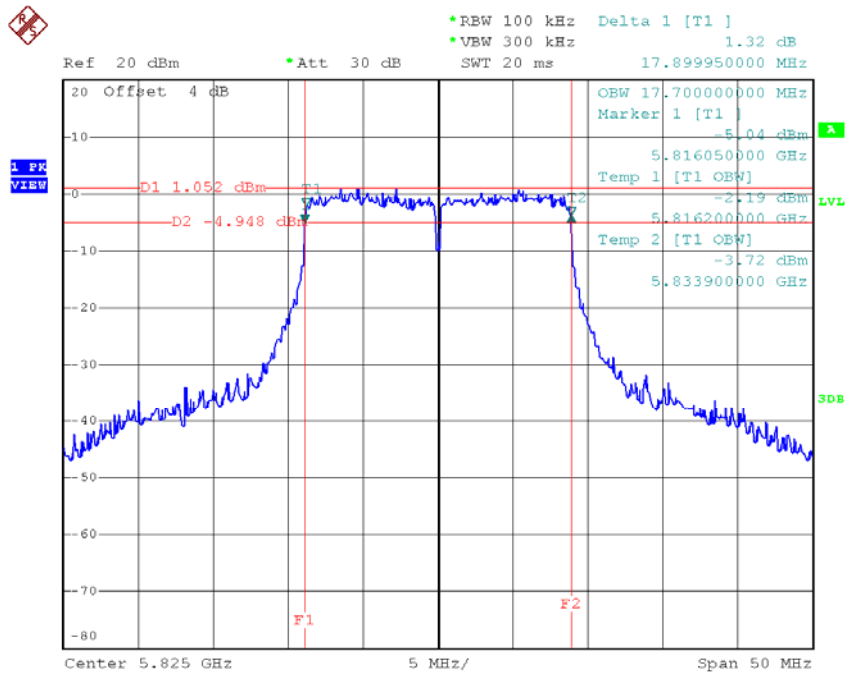


TX CH 157



Date: 11.AUG.2016 16:45:12

TX CH 165

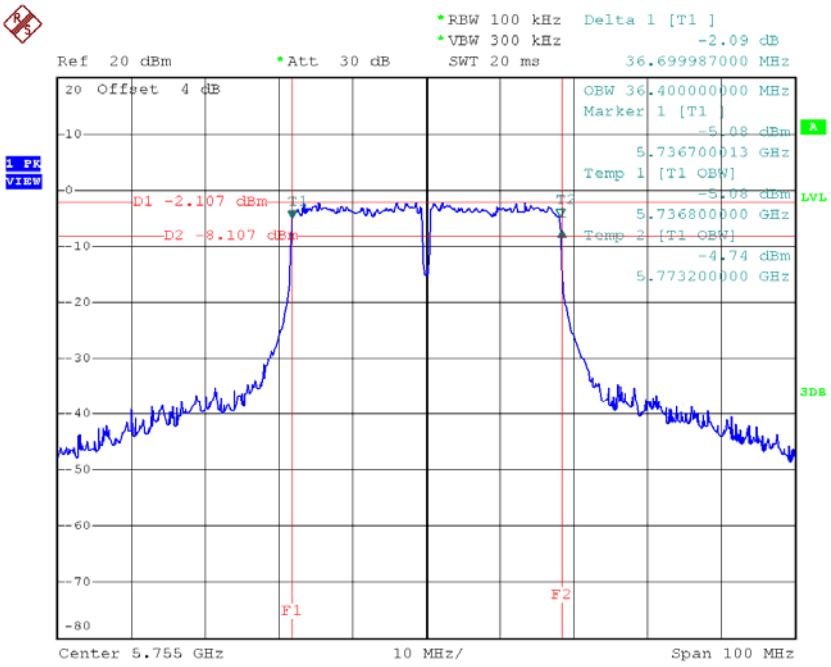


Date: 11.AUG.2016 16:46:28

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

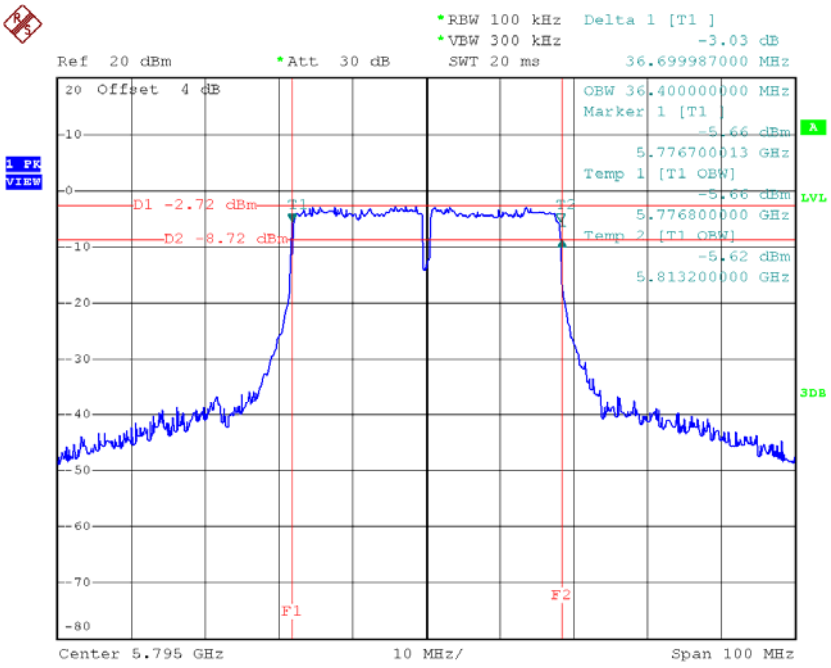
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	36.40	>=500
CH159	5795	36.70	36.40	>=500

TX CH 151



Date: 11.AUG.2016 16:01:15

TX CH 159

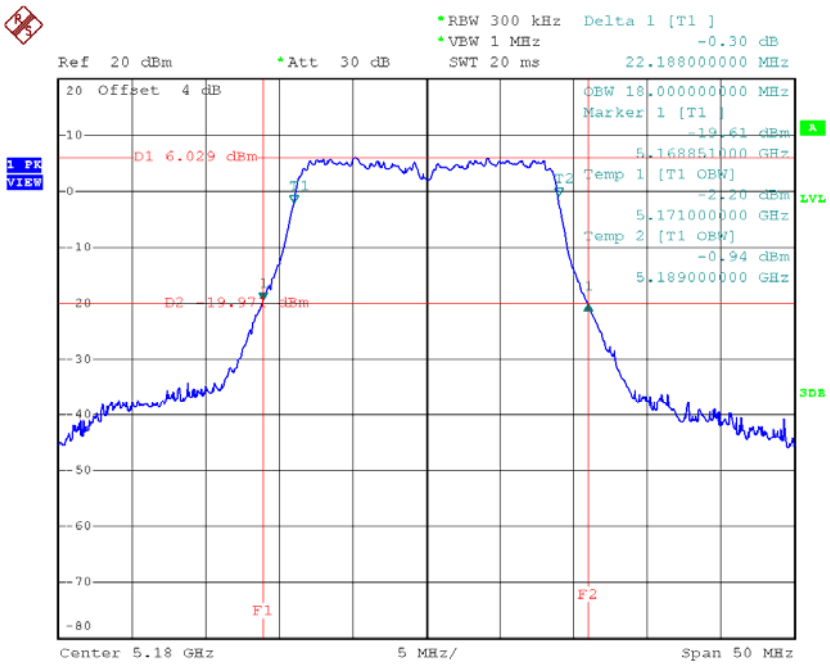


Date: 11.AUG.2016 16:02:28

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

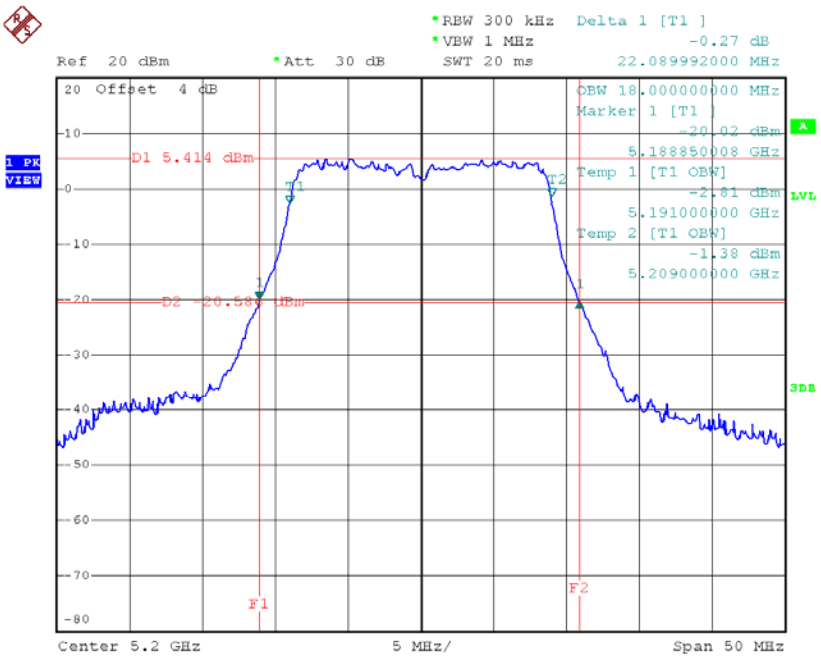
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.19	18.00
CH40	5200	22.09	18.00
CH48	5240	22.15	18.00

TX CH36



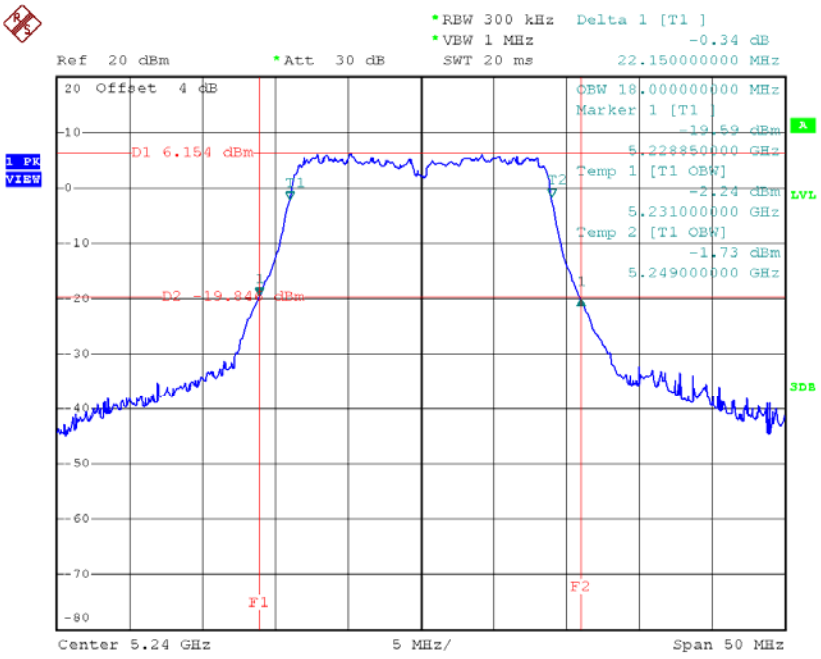
Date: 11.AUG.2016 16:47:52

TX CH40



Date: 11.AUG.2016 16:49:00

TX CH48

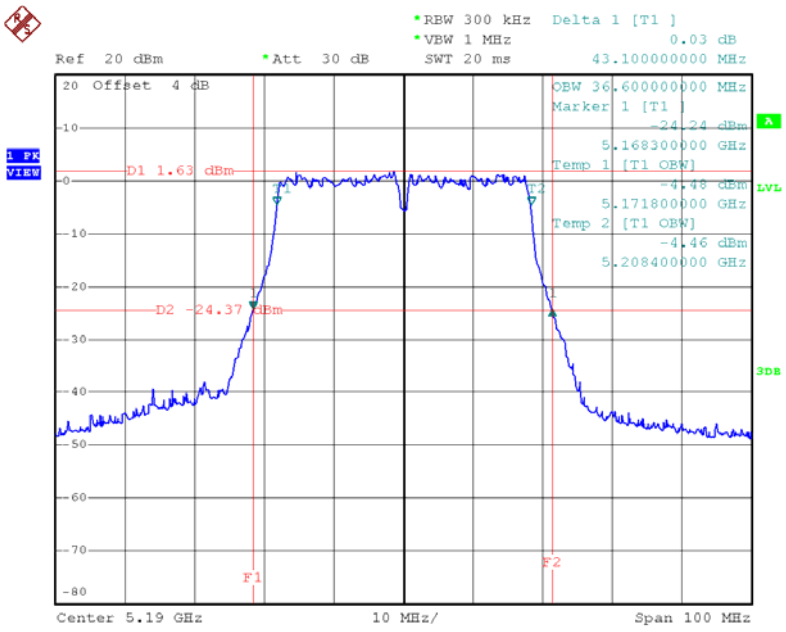


Date: 11.AUG.2016 16:50:02

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

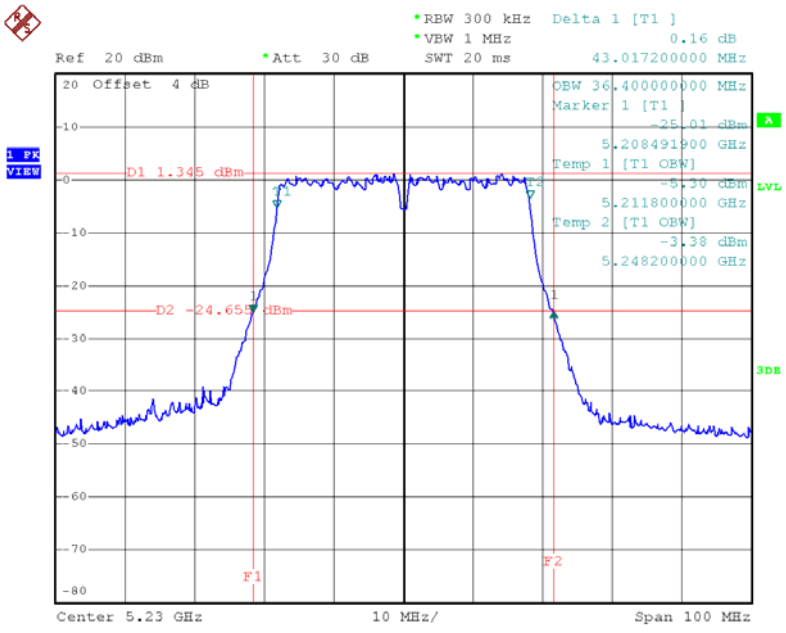
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	43.10	36.60
CH46	5230	43.02	36.40

TX CH38



Date: 11.AUG.2016 16:05:00

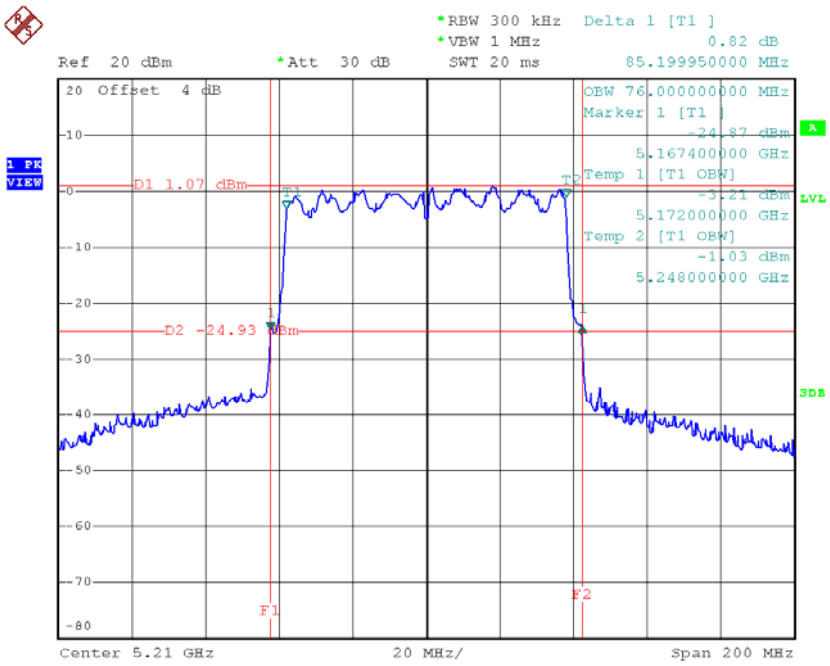
TX CH46



Date: 11.AUG.2016 16:09:14

Test Mode: UNII-1/TX AC80 Mode_CH42			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	85.20	76.00

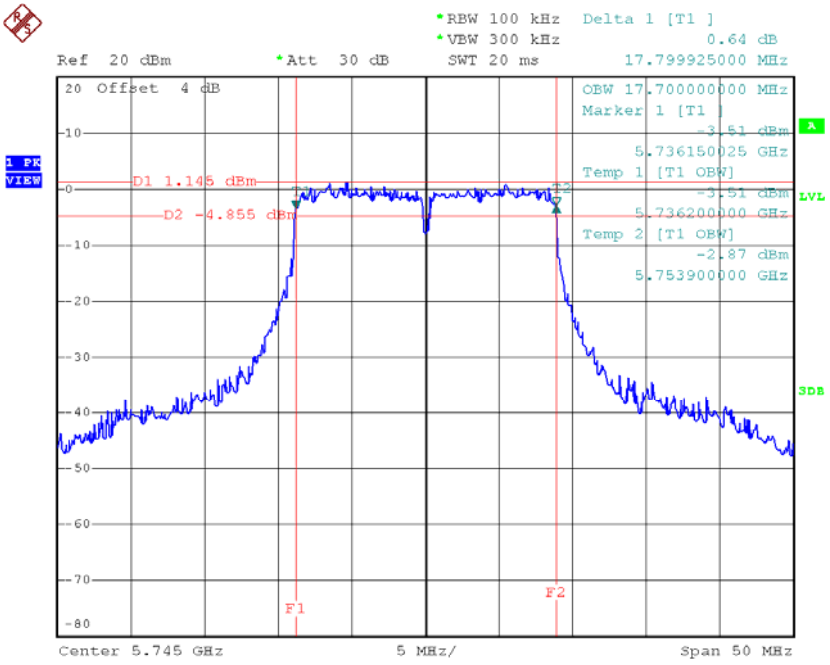
TX CH42



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

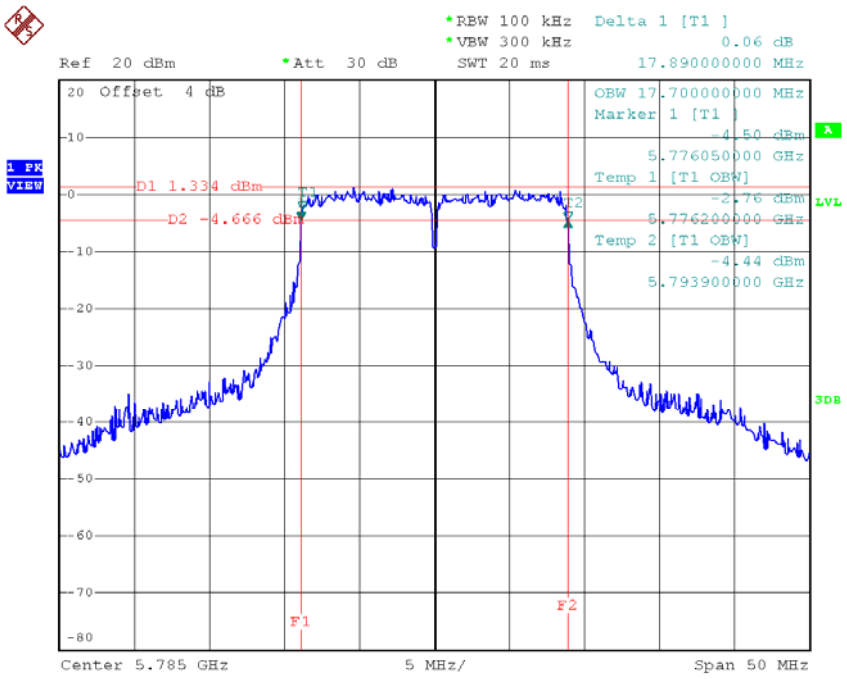
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.80	17.70	>=500
CH157	5785	17.89	17.70	>=500
CH165	5825	17.90	17.70	>=500

TX CH 149



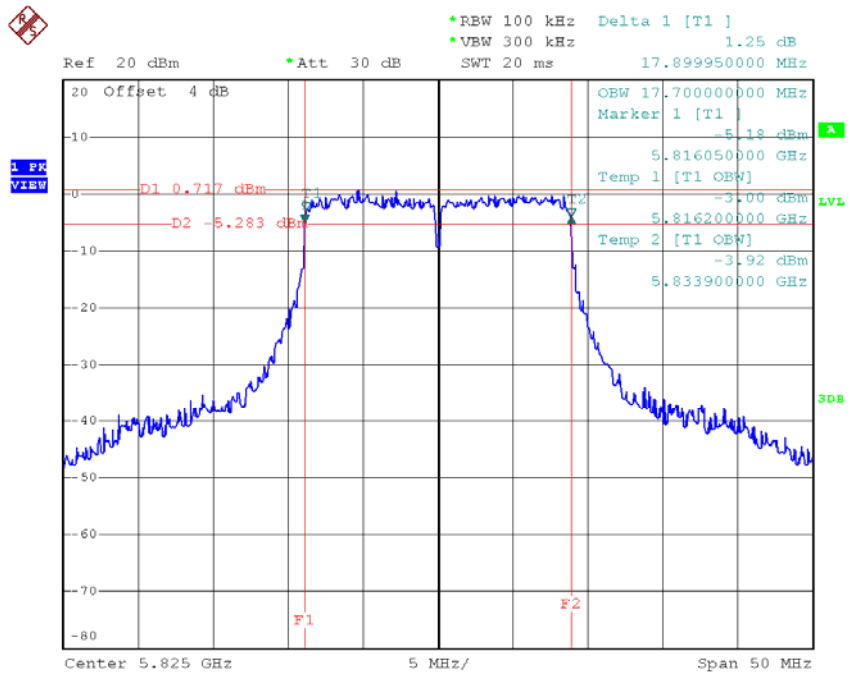
Date: 11.AUG.2016 16:51:23

TX CH 157



Date: 11.AUG.2016 16:52:46

TX CH 165

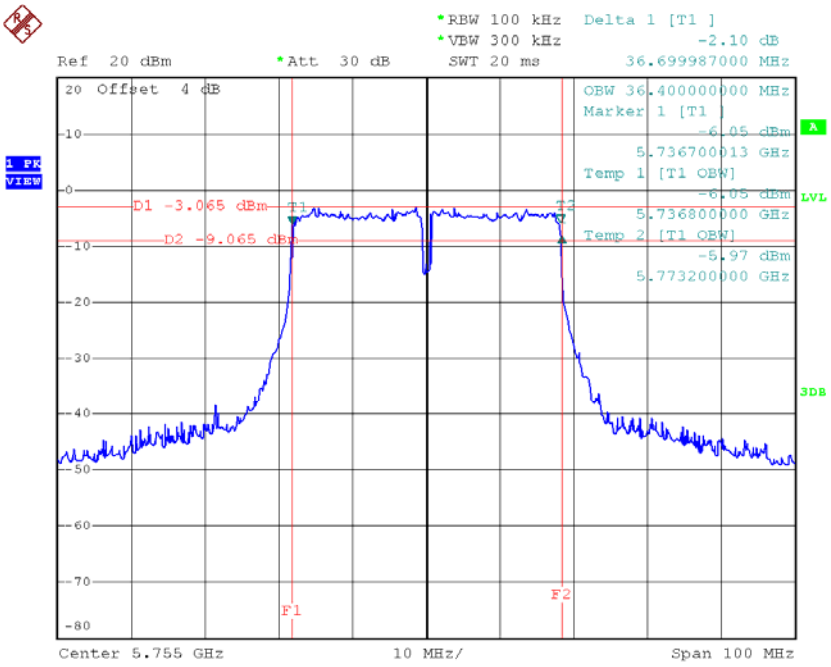


Date: 11.AUG.2016 16:54:40

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

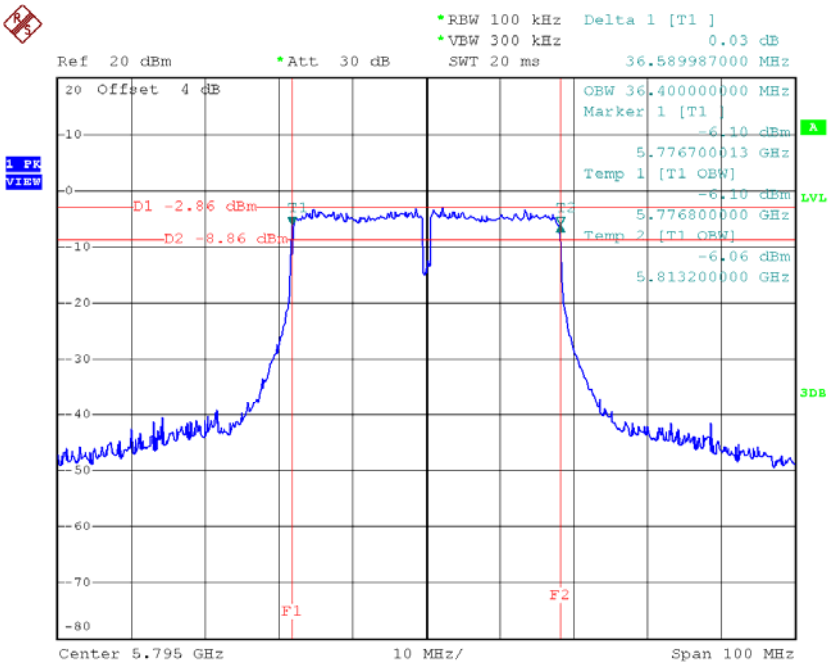
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.70	36.40	>=500
CH159	5795	36.59	36.40	>=500

TX CH 151



Date: 11.AUG.2016 16:11:06

TX CH 159

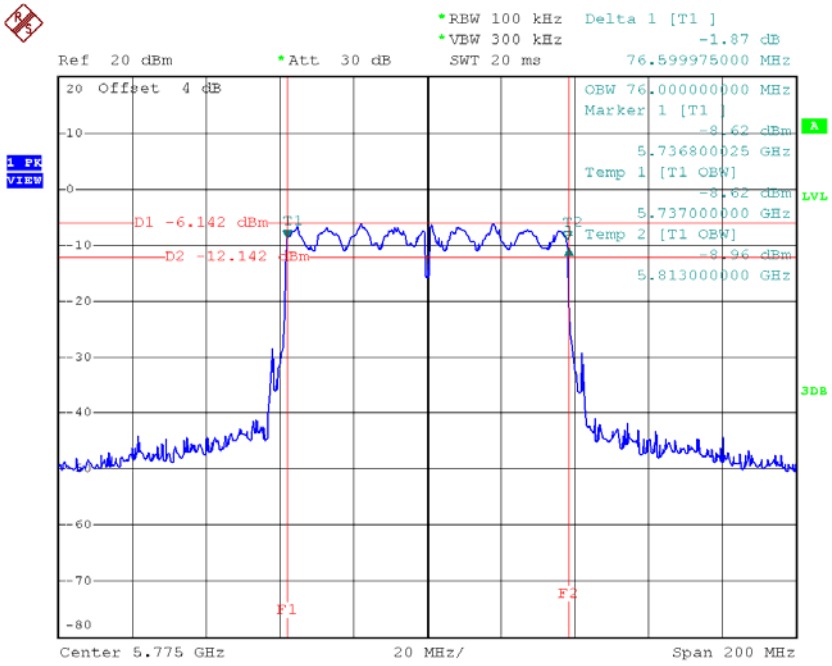


Date: 11.AUG.2016 16:12:31

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.60	76.00	>=500

TX CH 155



Date: 11.AUG.2016 16:15:31

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	13.88	0.00	13.88	30.00	1.00
CH40	5200	13.82	0.00	13.82	30.00	1.00
CH48	5240	13.97	0.00	13.97	30.00	1.00

Test Mode: UNII-1/TX N20 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.81	0.00	12.81	30.00	1.00
CH40	5200	12.71	0.00	12.71	30.00	1.00
CH48	5240	12.86	0.00	12.86	30.00	1.00

Test Mode: UNII-1/TX N40 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	12.83	0.00	12.83	30.00	1.00
CH46	5230	12.86	0.00	12.86	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	13.84	0.00	13.84	30.00	1.00
CH157	5785	13.79	0.00	13.79	30.00	1.00
CH165	5825	13.94	0.00	13.94	30.00	1.00

Test Mode: UNII-3/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	12.74	0.00	12.74	30.00	1.00
CH157	5785	12.82	0.00	12.82	30.00	1.00
CH165	5825	12.81	0.00	12.81	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	12.82	0.00	12.82	30.00	1.00
CH159	5795	12.92	0.00	12.92	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.78	0.00	12.78	30.00	1.00
CH40	5200	12.85	0.00	12.85	30.00	1.00
CH48	5240	12.89	0.00	12.89	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	12.78	0.00	12.78	30.00	1.00
CH46	5230	12.56	0.00	12.56	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	12.91	0.00	12.91	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	12.67	0.00	12.67	30.00	1.00
CH157	5785	12.83	0.00	12.83	30.00	1.00
CH165	5825	12.61	0.00	12.61	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode						

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	12.89	0.00	12.89	30.00	1.00
CH159	5795	12.76	0.00	12.76	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode						

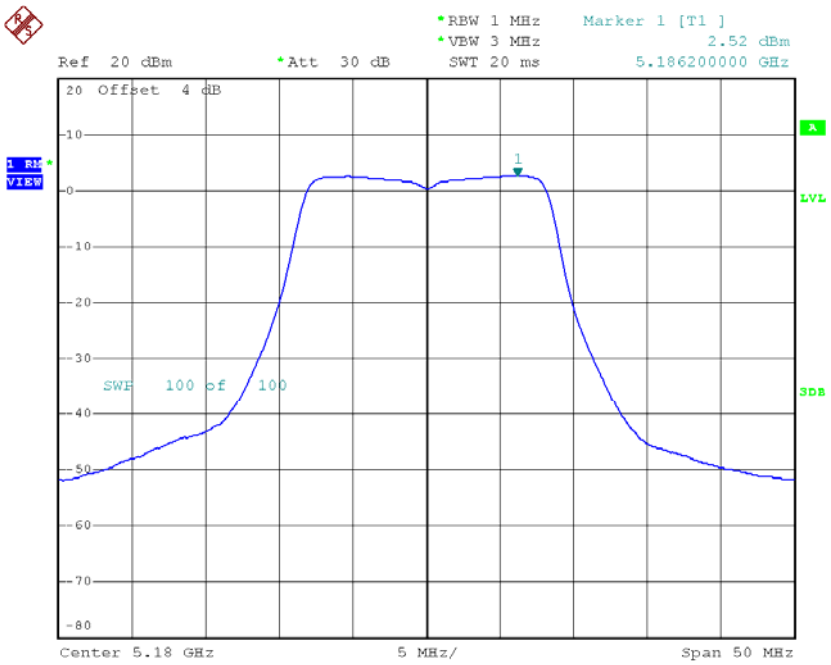
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	12.77	0.00	12.77	30.00	1.00

ATTACHMENT G - POWER SPECTRAL DENSITY

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

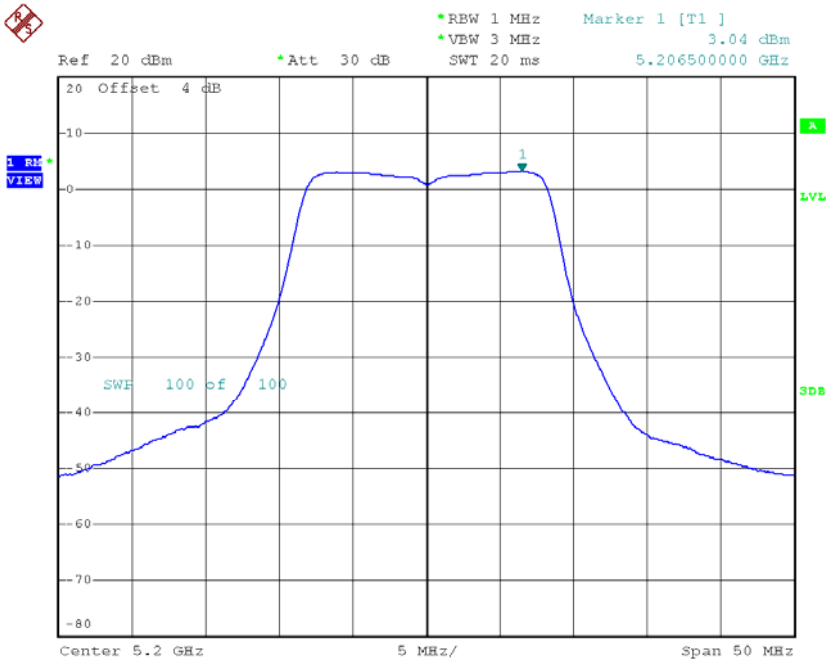
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.52	0.00	2.52	17.00
CH40	5200	3.04	0.00	3.04	17.00
CH48	5240	2.90	0.00	2.90	17.00

CH36



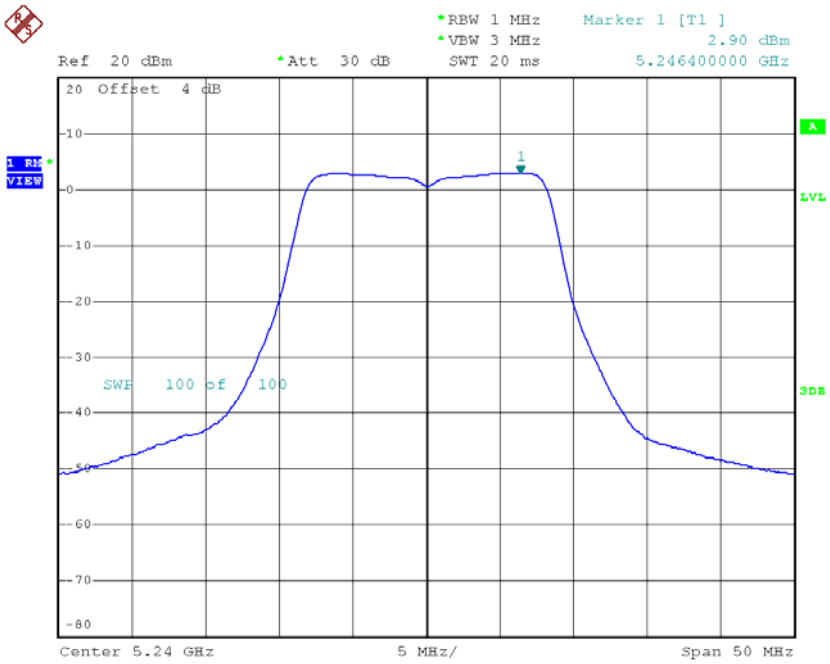
Date: 11.AUG.2016 15:26:11

CH40



Date: 11.AUG.2016 15:27:24

CH48

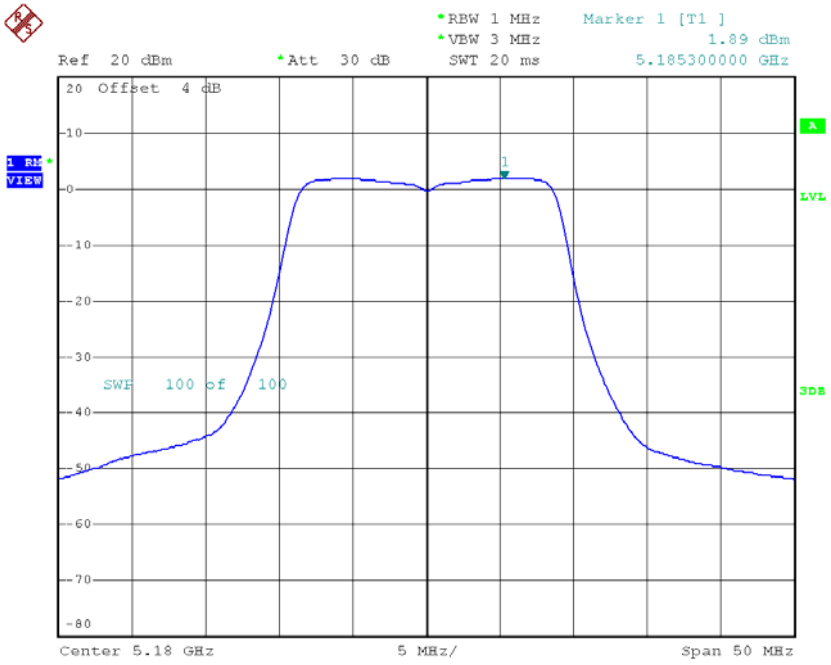


Date: 11.AUG.2016 15:28:32

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

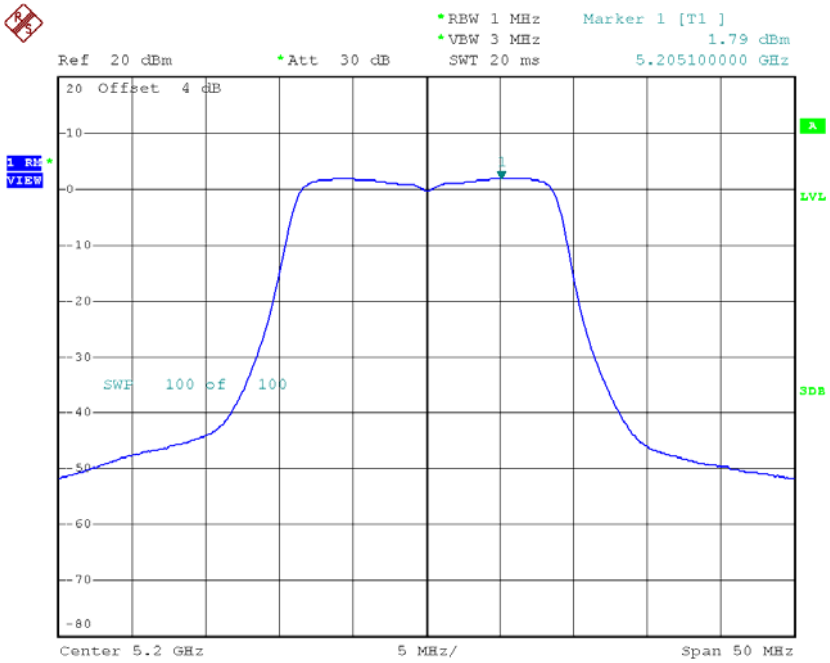
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.89	0.00	1.89	17.00
CH40	5200	1.79	0.00	1.79	17.00
CH48	5240	1.60	0.00	1.60	17.00

CH36



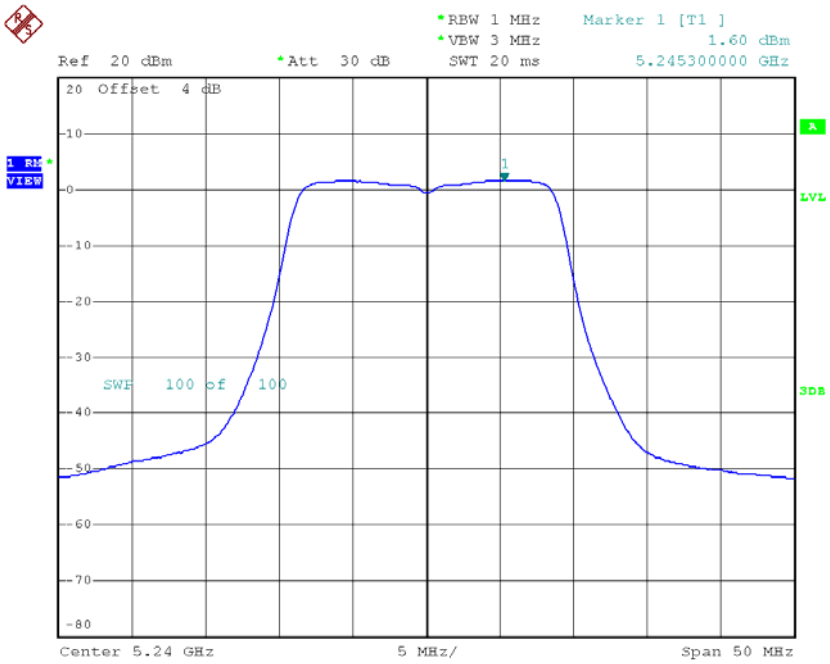
Date: 11.AUG.2016 16:39:57

CH40



Date: 11.AUG.2016 16:41:17

CH48

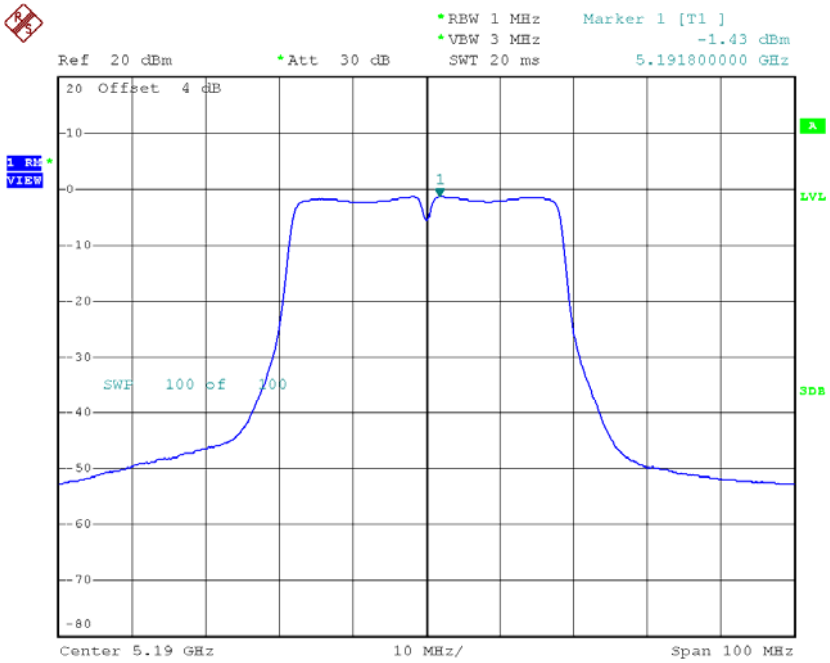


Date: 11.AUG.2016 16:42:29

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

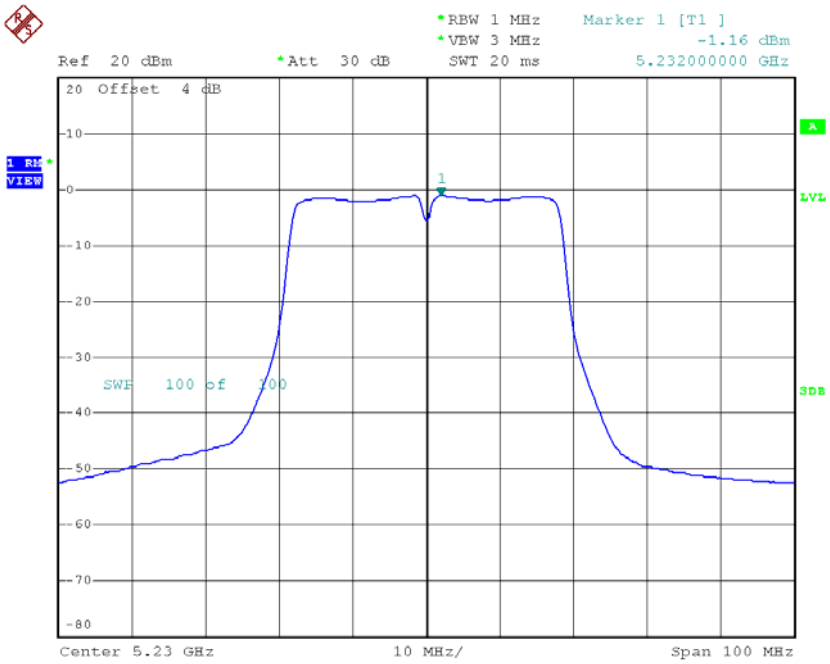
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-1.43	0.00	-1.43	17.00
CH46	5230	-1.16	0.00	-1.16	17.00

CH38



Date: 11.AUG.2016 15:58:53

CH46

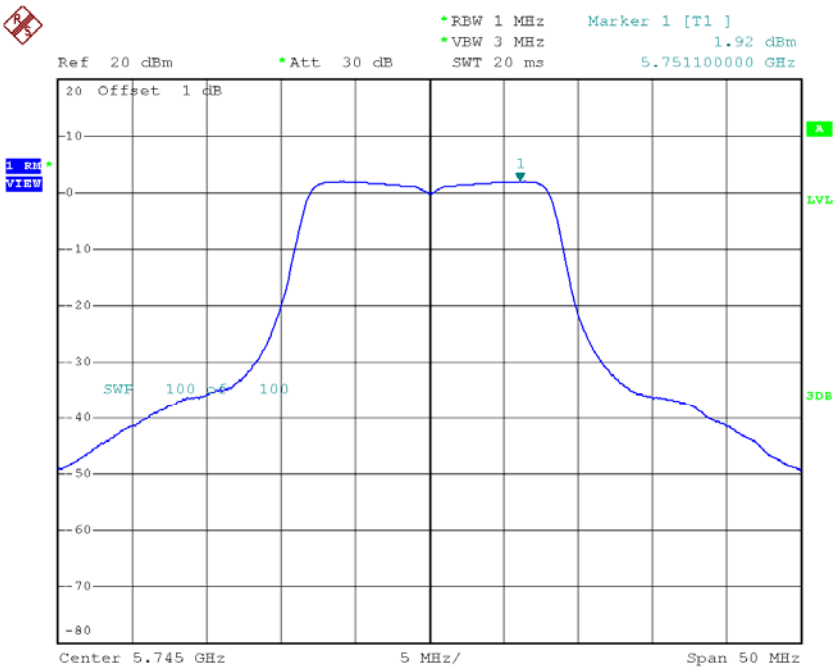


Date: 11.AUG.2016 16:00:05

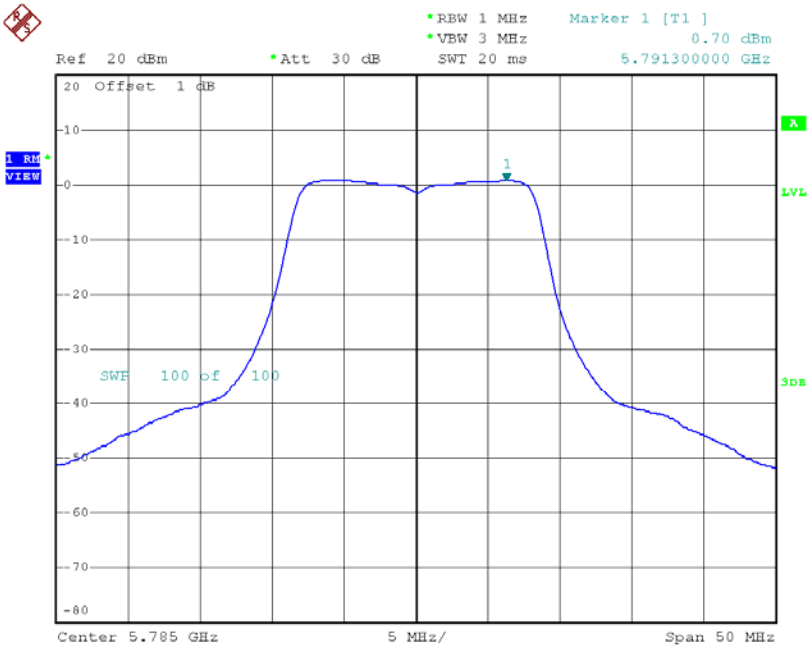
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	1.92	0.00	1.92	30.00
CH157	5785	0.70	0.00	0.70	30.00
CH165	5825	-0.21	0.00	-0.21	30.00

TX CH149

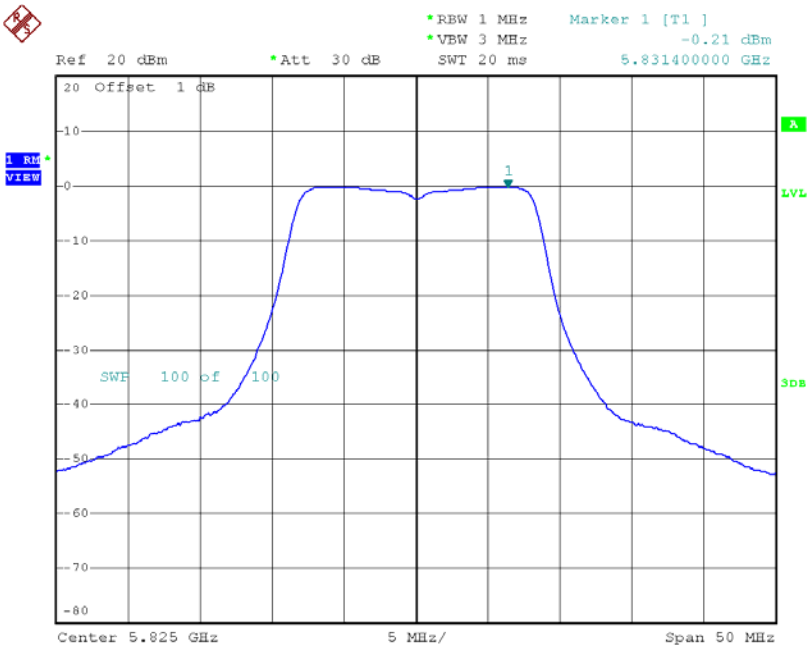


TX CH157



Date: 11.AUG.2016 15:36:15

TX CH165

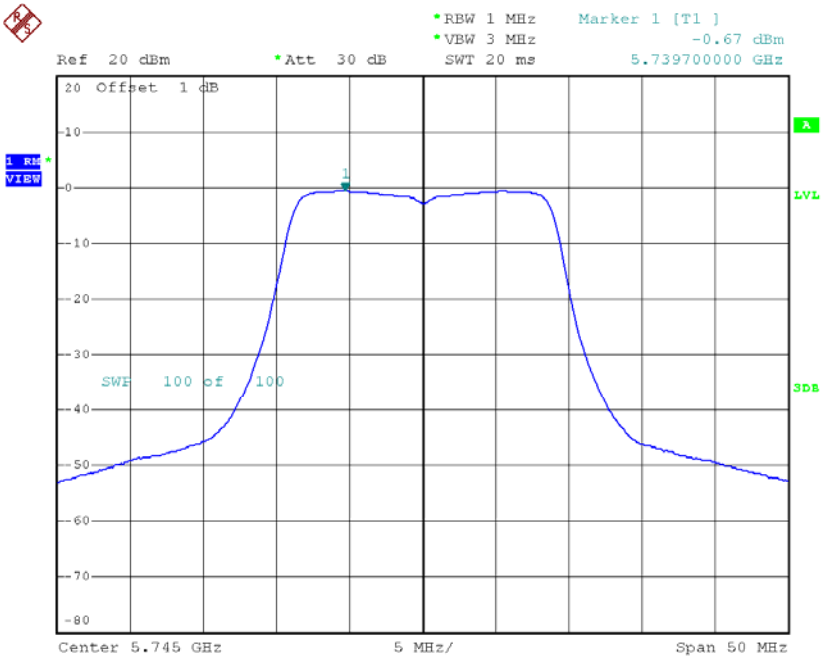


Date: 11.AUG.2016 15:37:51

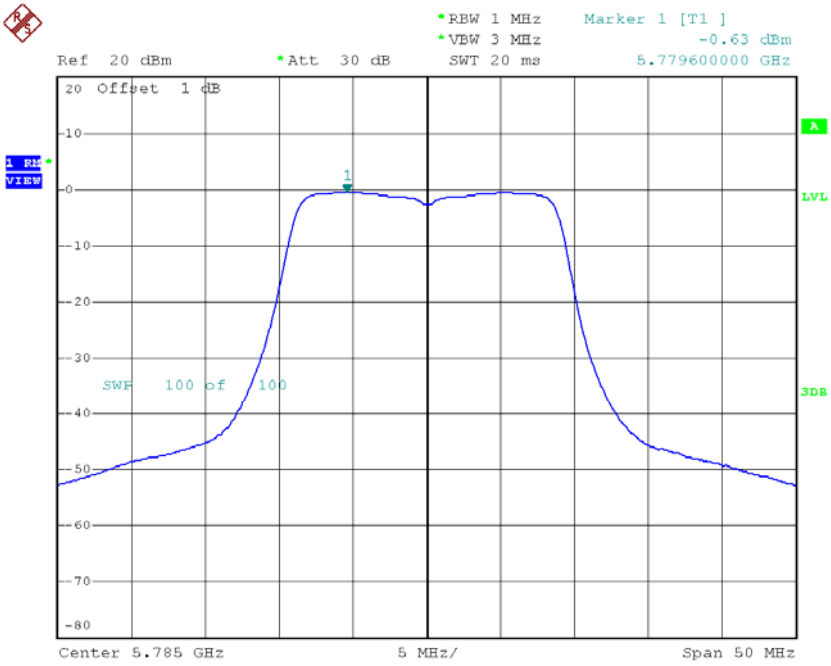
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.67	0.00	-0.67	30.00
CH157	5785	-0.63	0.00	-0.63	30.00
CH165	5825	-0.95	0.00	-0.95	30.00

TX CH149

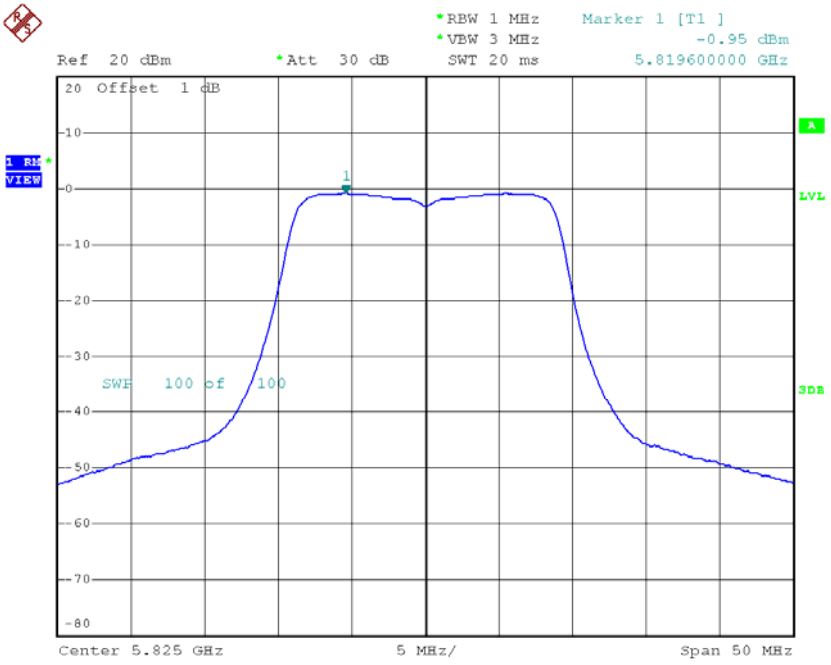


TX CH157



Date: 11.AUG.2016 16:45:22

TX CH165

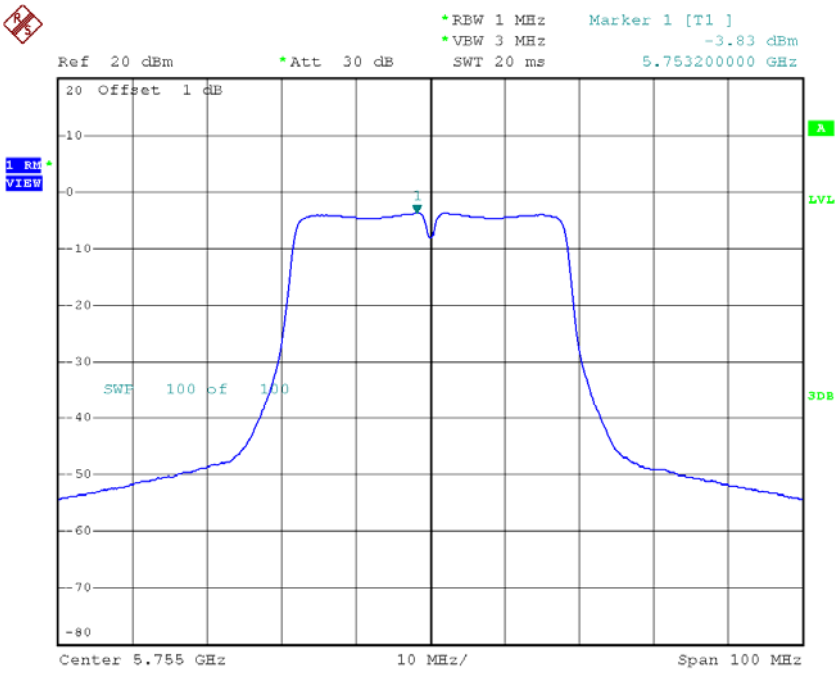


Date: 11.AUG.2016 16:46:38

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

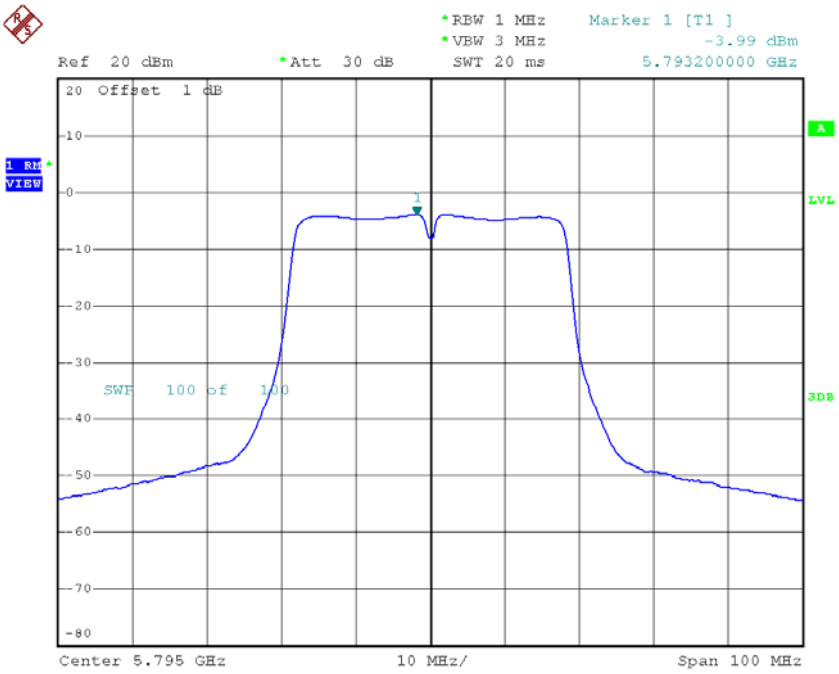
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-3.83	0.00	-3.83	30.00
CH159	5795	-3.99	0.00	-3.99	30.00

TX CH151



Date: 11.AUG.2016 16:01:24

TX CH159

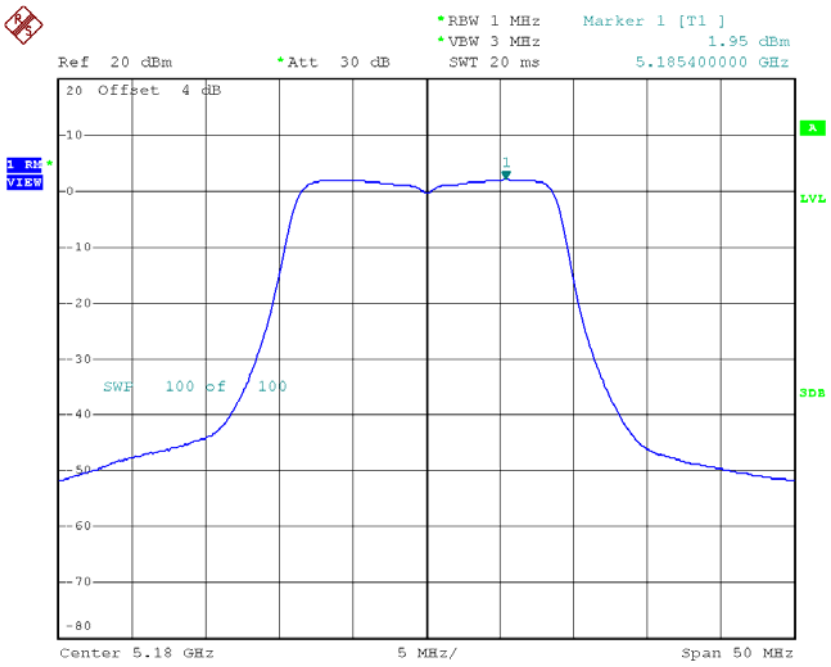


Date: 11.AUG.2016 16:02:38

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

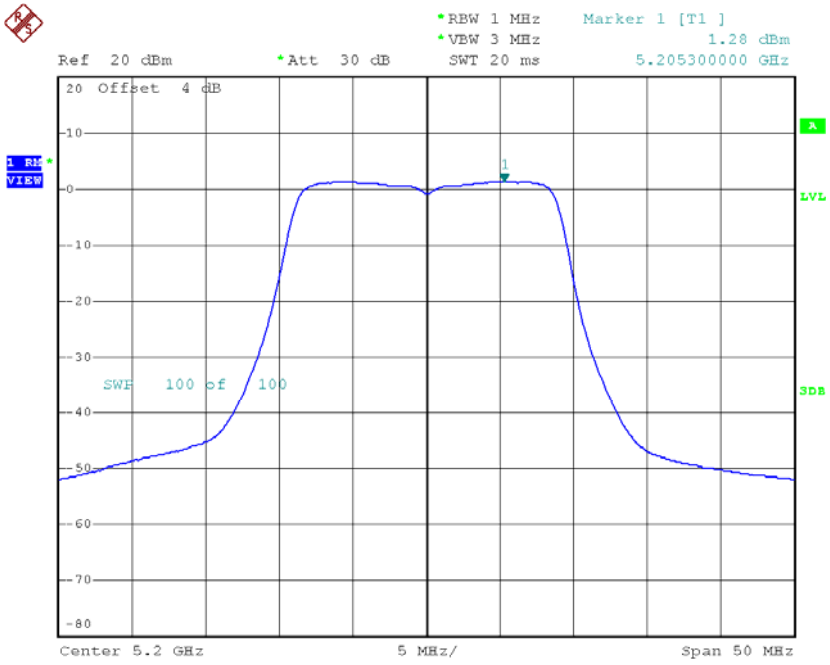
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.95	0.00	1.95	17.00
CH40	5200	1.28	0.00	1.28	17.00
CH48	5240	1.61	0.00	1.61	17.00

CH36



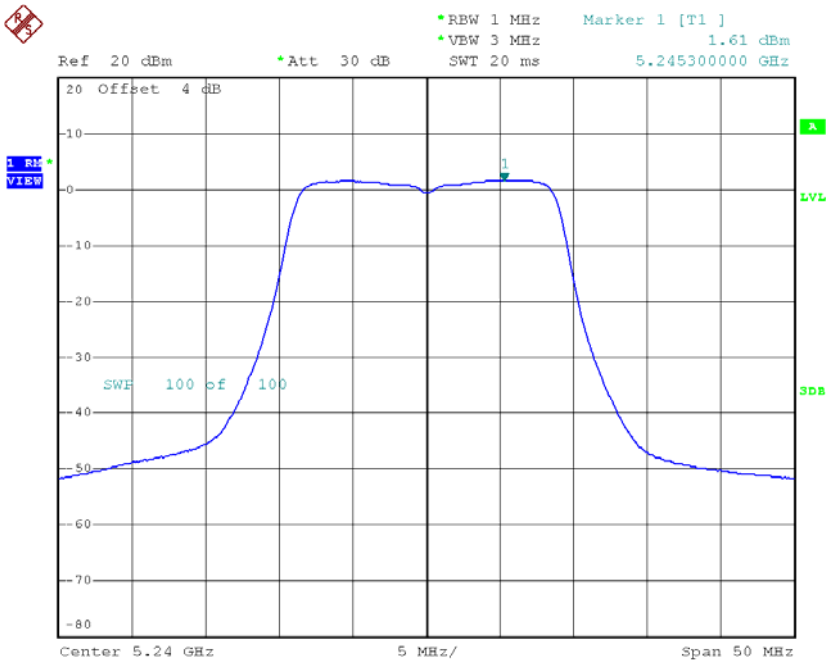
Date: 11.AUG.2016 16:48:02

CH40



Date: 11.AUG.2016 16:49:09

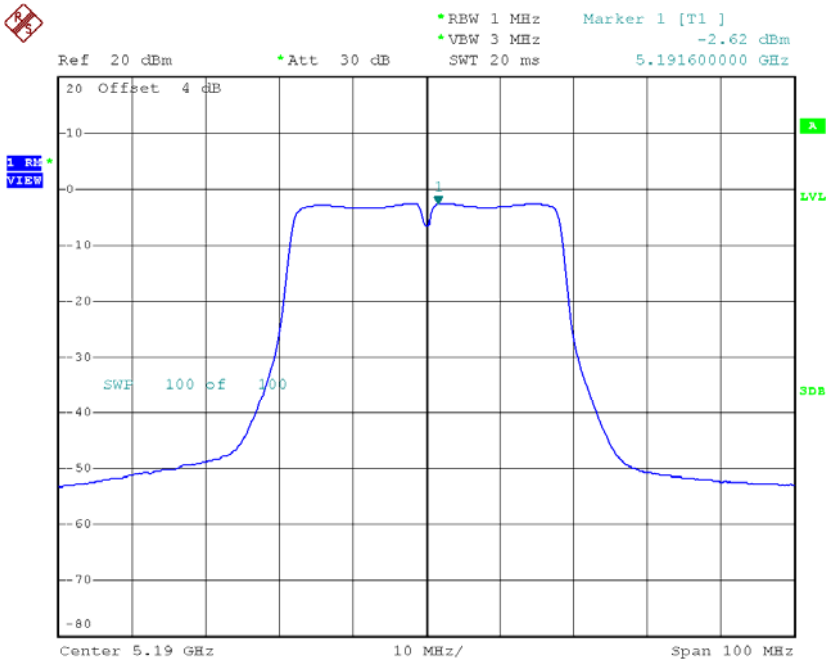
CH48



Date: 11.AUG.2016 16:50:11

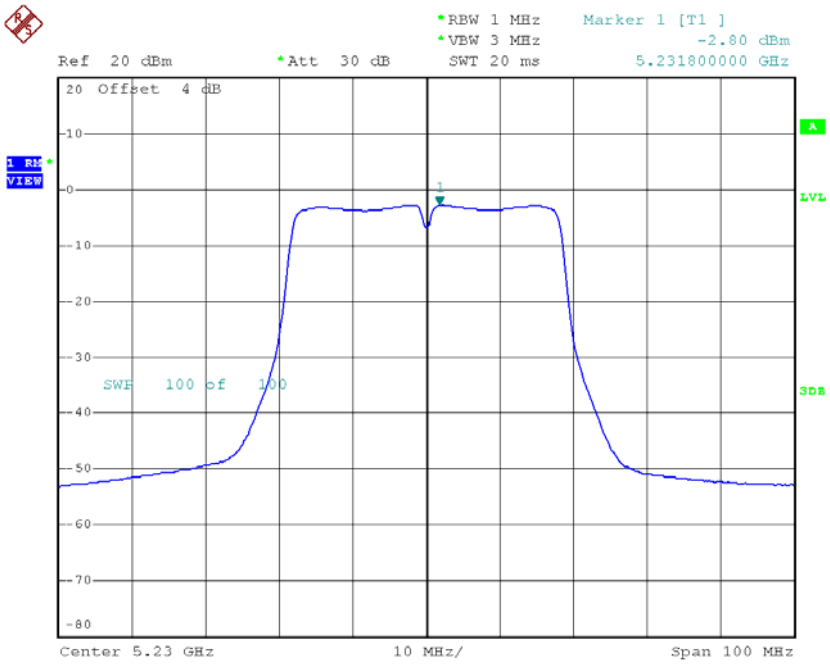
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-2.62	0.00	-2.62	17.00
CH46	5230	-2.80	0.00	-2.80	17.00

CH38



Date: 11.AUG.2016 16:05:10

CH46

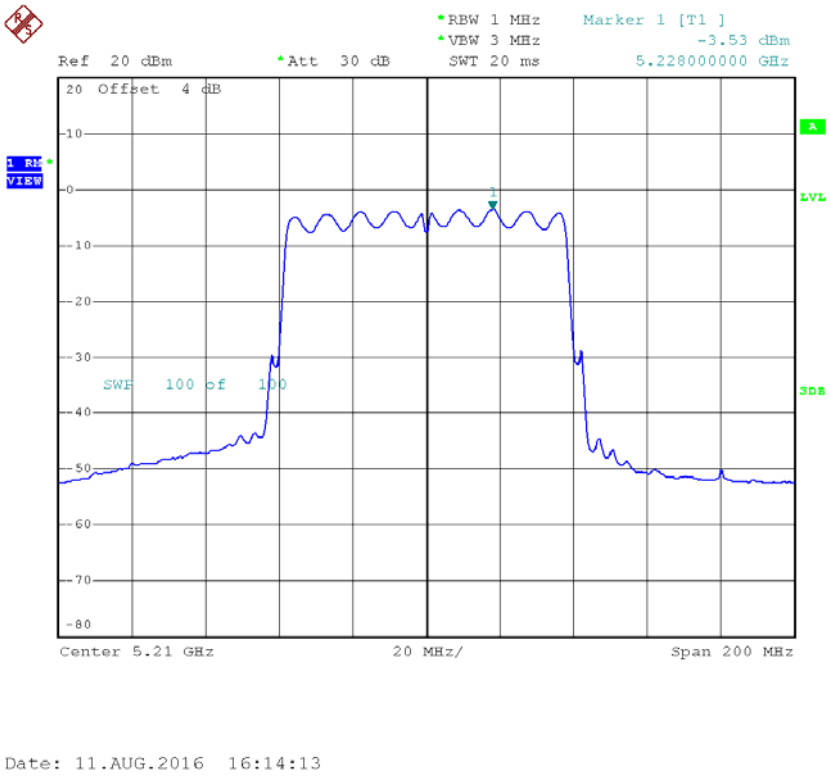


Date: 11.AUG.2016 16:09:24

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-3.53	0.00	-3.53	17.00

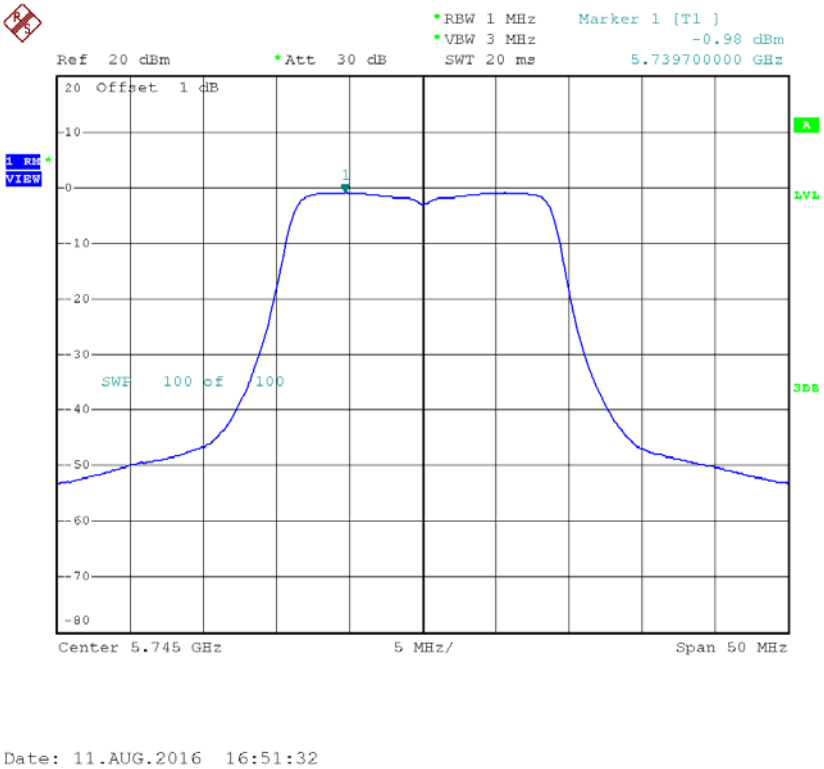
CH42



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

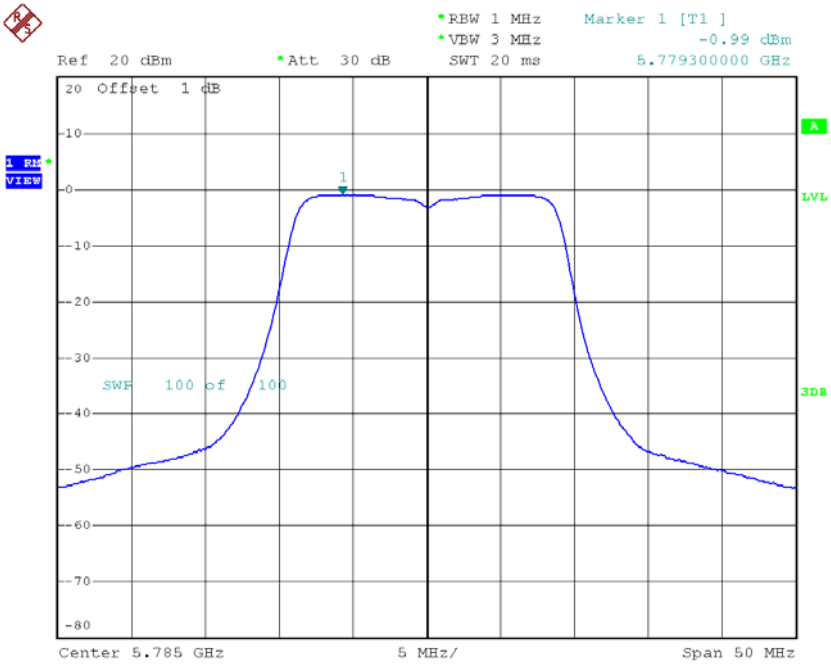
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.98	0.00	-0.98	30.00
CH157	5785	-0.99	0.00	-0.99	30.00
CH165	5825	-1.55	0.00	-1.55	30.00

TX CH149



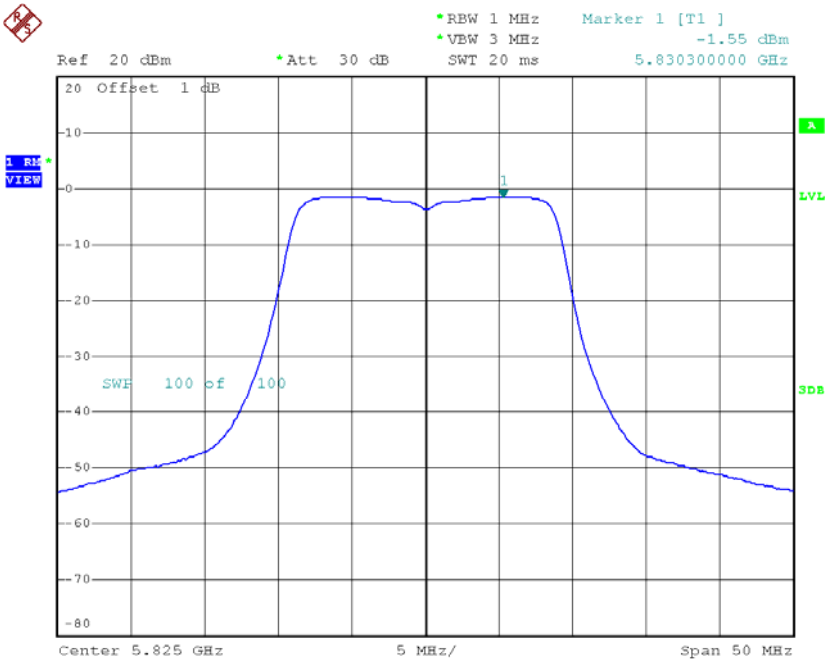
Date: 11.AUG.2016 16:51:32

TX CH157



Date: 11.AUG.2016 16:52:56

TX CH165

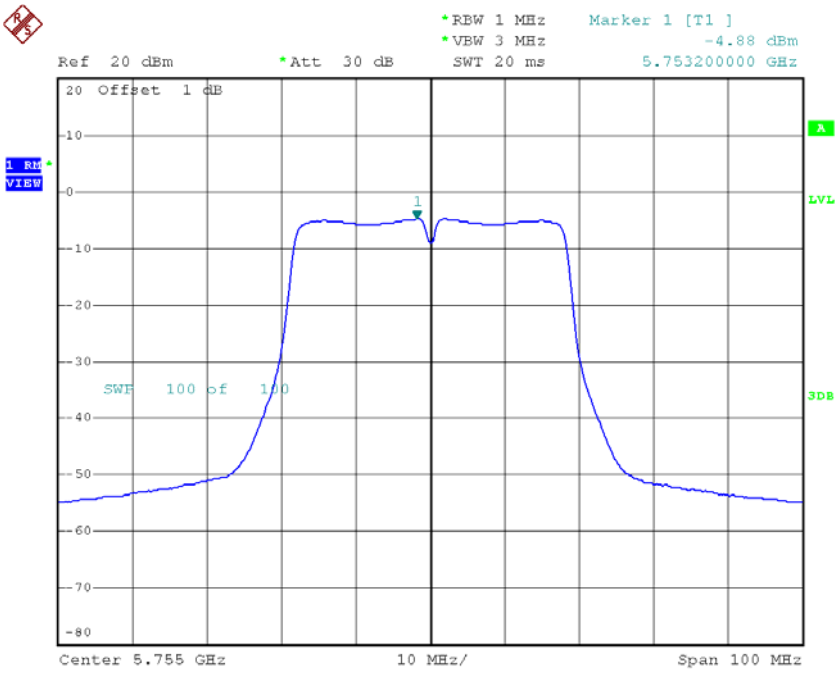


Date: 11.AUG.2016 16:54:50

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

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-4.88	0.00	-4.88	30.00
CH159	5795	-4.91	0.00	-4.91	30.00

TX CH151



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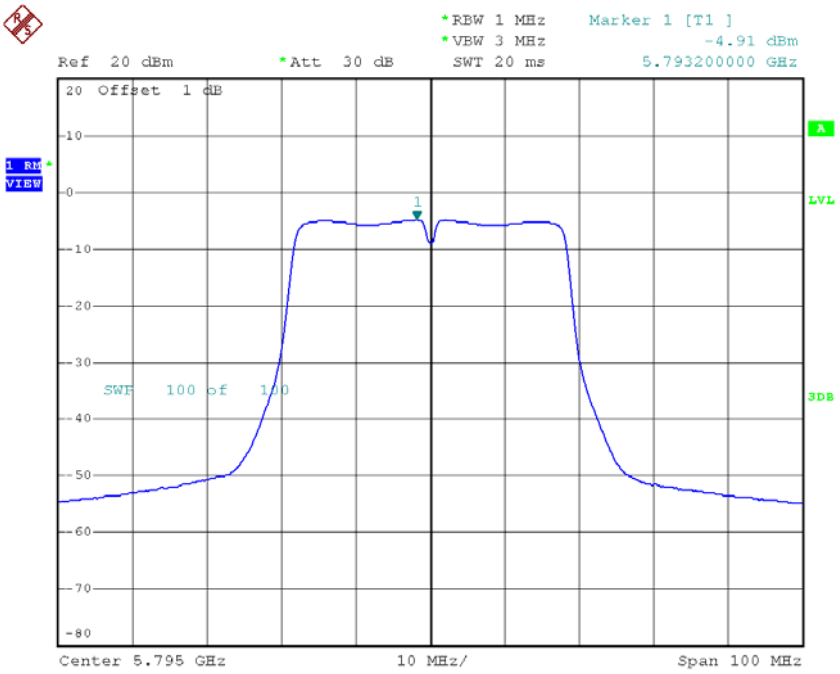
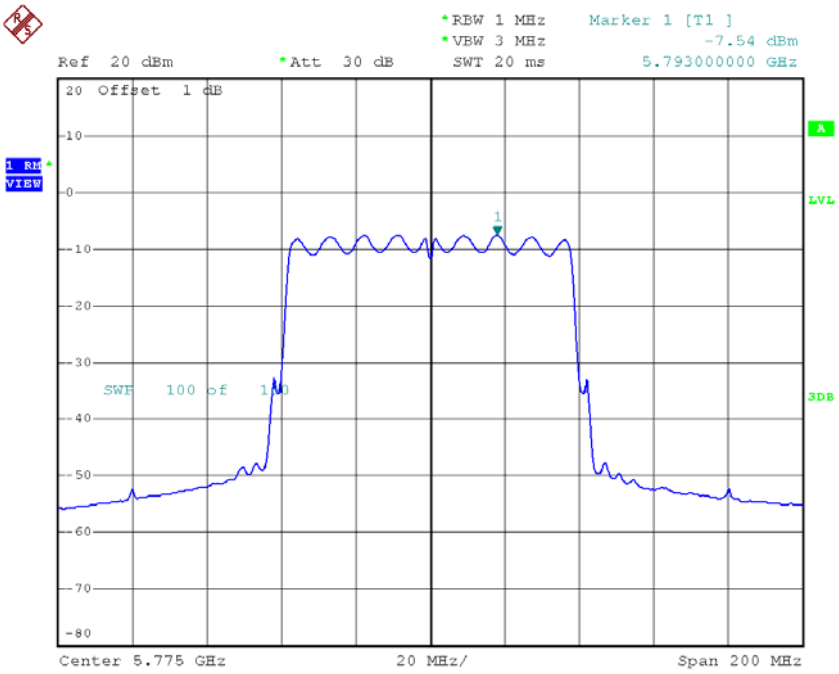
TX CH159



Date: 11.AUG.2016 16:12:40

Test Mode: UNII-3/ TX AC80 Mode_CH155					
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-7.54	0.00	-7.54	30.00

TX CH155



Date: 11.AUG.2016 16:15:44

ATTACHMENT H - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0600
120	5180.0750
108	5180.0600
Max. Deviation (MHz)	0.0600
Max. Deviation (ppm)	11.5830

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180.0000
-5	5180.0750
5	5180.0800
15	5180.0750
25	5180.0750
35	5180.0800
45	5180.0800
50	5180.0951
Max. Deviation (MHz)	0.0951
Max. Deviation (ppm)	18.3591

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0600
120	5745.0800
108	5745.0800
Max. Deviation (MHz)	0.0800
Max. Deviation (ppm)	13.9252

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5745.0000
-5	5745.0750
5	5745.0951
15	5745.0800
25	5745.0951
35	5745.0951
45	5745.0950
50	5745.0950
Max. Deviation (MHz)	0.0951
Max. Deviation (ppm)	16.5535