FCC Radio Test Report

FCC ID: 2ADBM-LS9-AC11DBT

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

Project No.	:	1602C104
Equipment	:	media/audio streaming module
Model Name	:	LS9-AC11DBT
Applicant	:	Libre Wireless Technologies Inc
Address	:	5405 Alton Parkway, Suite A-563, Irvine, CA 92604, USA

Date of Receipt	:	Mar. 01, 2016
Date of Test	:	Mar. 01, 2016 ~ Mar. 15, 2016
Issued Date	:	Mar. 16, 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).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL**shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1602C104	Original Issue.	Mar. 16, 2016

1. CERTIFICATION

Equipment	:	media/audio streaming module
Brand Name	:	Libre Sync
Model Name	:	LS9-AC11DBT
Applicant	:	Libre Wireless Technologies Inc
Manufacturer	:	#1 Shenzhen Zowee Technology Co., Ltd #2 Hansong (Nanjing) Technology Ltd.
Address	:	#1 NO.5 Zowee technology building, Science & Technology industrial park of privately owned enterprises, Pingshan, Xili, Nanshan district, Shenzhen, China. #2 8th Kangping Road,Jiangning EconomyandTechnology Development Zone, Nanjing,211106,China.
Date of Test	:	Mar. 01, 2016 ~ Mar. 15, 2016
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013 FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r01.

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-4-1602C104) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E			
Standard(s) Section FCC	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	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

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

A. Conducted Measurement :

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

B. Radiated Measurement :

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	media/audio streaming module	
Brand Name	Libre Sync	
Model Name	LS9-AC11DBT	
OEM Model	WMBG2CDWX-LW(for factory: Shenzhen Zowee Technology Co., Ltd) 00-06040-01(for factory: Hansong (Nanjing) Technology Ltd.)	
Model Difference	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300 Mbps
	Output Power (Max.)for UNII-1	802.11a: 15.21dBm 802.11n (20M): 14.29dBm 802.11n (40M): 13.87dBm 802.11ac (20M): 13.32dBm 802.11ac (40M): 12.73dBm 802.11ac (80M): 11.09dBm
	Output Power (Max.)for UNII-3	802.11a: 14.58dBm 802.11n (20M): 13.66dBm 802.11n (40M): 9.86dBm 802.11ac (20M): 13.02dBm 802.11ac (40M): 12.70dBm 802.11ac (80M): 11.01dBm
Power Source	Supplied from system.	
Power Rating	EUT I/P:DC 3.3V	

Note:

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

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

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Libre Sync	N/A	Dipole	N/A	4

3.2 DESCRIPTION OF TEST MODES

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

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX 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

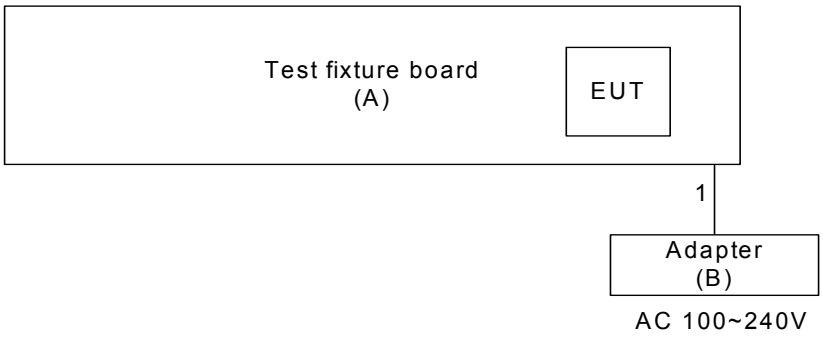
UNII-1			
Test Software Version	DutApi_w8887_BrdigeEth		
Frequency (MHz)	5180	5200	5240
A Mode	13	13	12
Frequency (MHz)	5180	5200	5240
N20 Mode	12	12	12
Frequency (MHz)	5190	5230	
N40 Mode	10	12	

UNII-3			
Test Software Version	DutApi_w8887_BrdigeEth		
Frequency (MHz)	5745	5785	5825
A Mode	14	17	15
Frequency (MHz)	5745	5785	5825
N20 Mode	15	16	16
Frequency (MHz)	5755	5795	
N40 Mode	11	12	

UNII-1			
Test Software Version	DutApi_w8887_BrdigeEth		
Frequency (MHz)	5180	5200	5240
AC20 Mode	11	11	10
Frequency (MHz)	5190	5230	
AC40 Mode	10	10	
Frequency (MHz)	5210		
AC80 Mode	8		

UNII-3			
Test Software Version	DutApi_w8887_BrdigeEth		
Frequency (MHz)	5745	5785	5825
AC20 Mode	14	15	16
Frequency (MHz)	5755	5795	
AC40 Mode	10	15	
Frequency (MHz)	5775		
AC80 Mode	8		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



Ground plane

(Remote System)

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	Test fixture board	N/A	N/A	N/A	N/A
B	Adapter	Vonhk	KSAFE0900270W1US	VER	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.45	Power Cable

Note:

(1) For detachable type I/O cable should be specified the length in m in『Length』column.

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

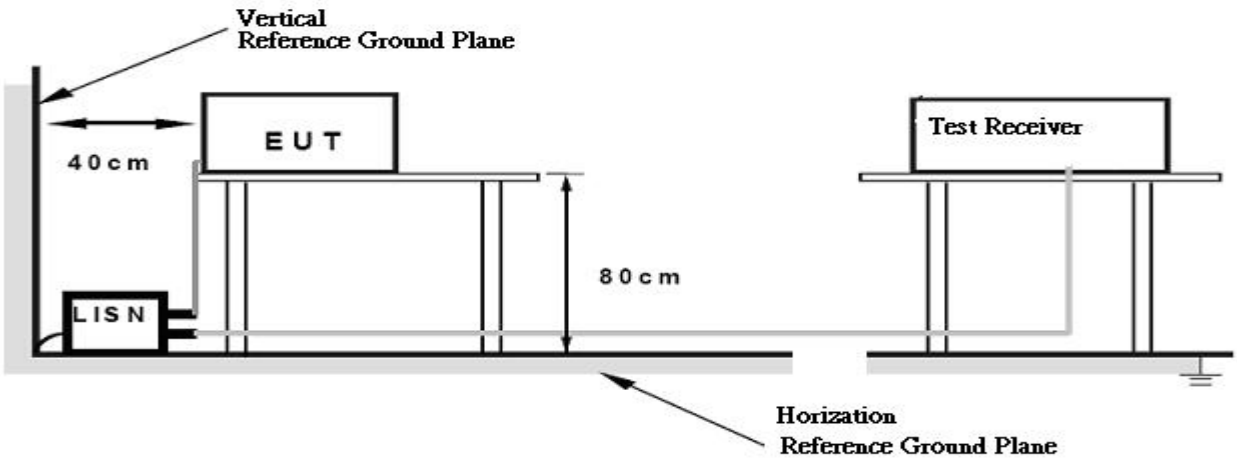
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Note:

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

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

4.2.2 TEST PROCEDURE

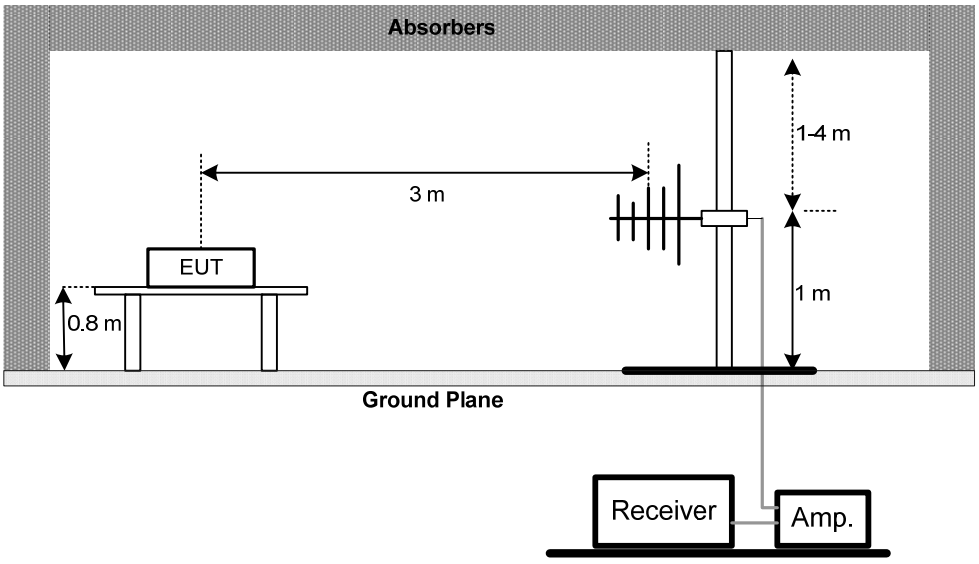
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 m semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

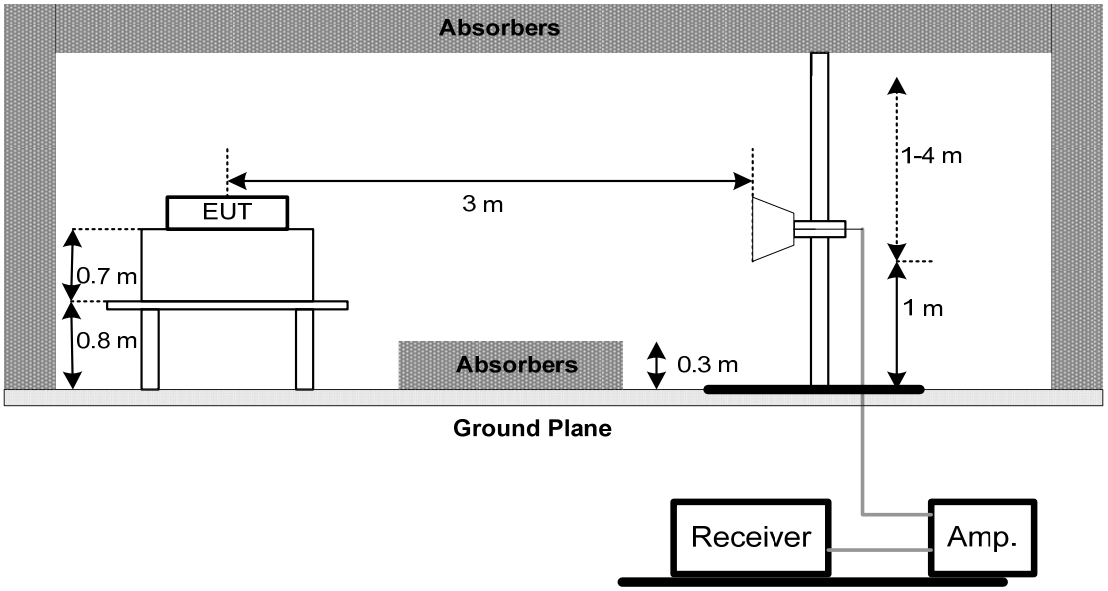
No deviation

4.2.4 TEST SETUP

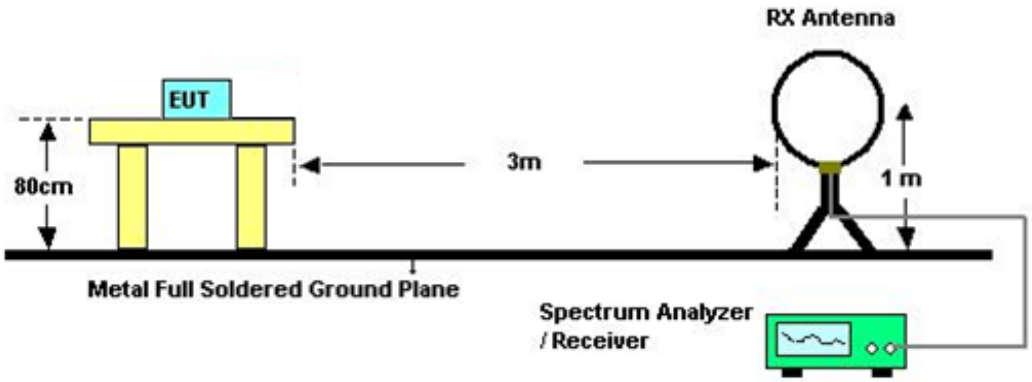
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



(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: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120kHz；SPA setting in RBW=120kHz, VBW =120kHz, Swp. Time = 0.3 sec./MHz。
(2) 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。
(3) Measuring frequency range from 30MHz to 1000MHz。
(4) 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) Spectrum Setting: 30MHz – 1000MHz , RBW= 100kHz, VBW=100kHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
(2) 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.
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。
(4) 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.
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(6) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(7) 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.
(8) 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.

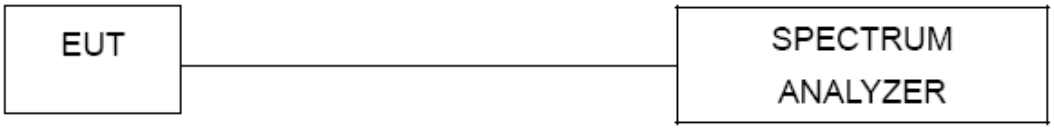
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

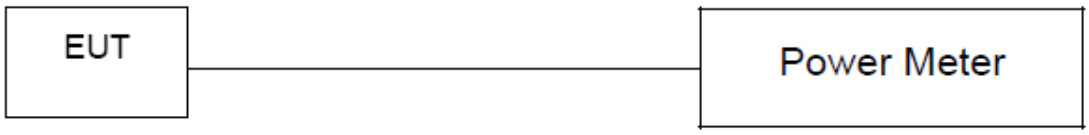
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

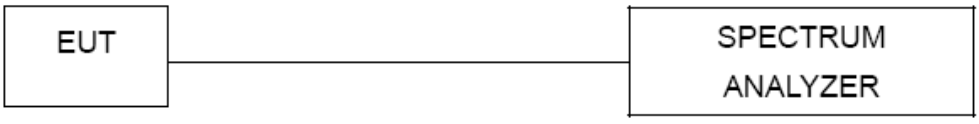
b.

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

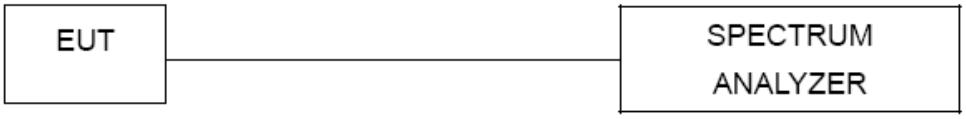
Note:

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

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

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

8.1.4 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

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

9.1.1 TEST PROCEDURE

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

b.

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

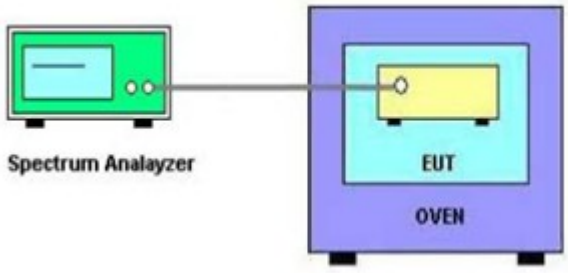
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -20°C~70°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

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

9.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 3.3V

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 12, 2017
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 28, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 28, 2016

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

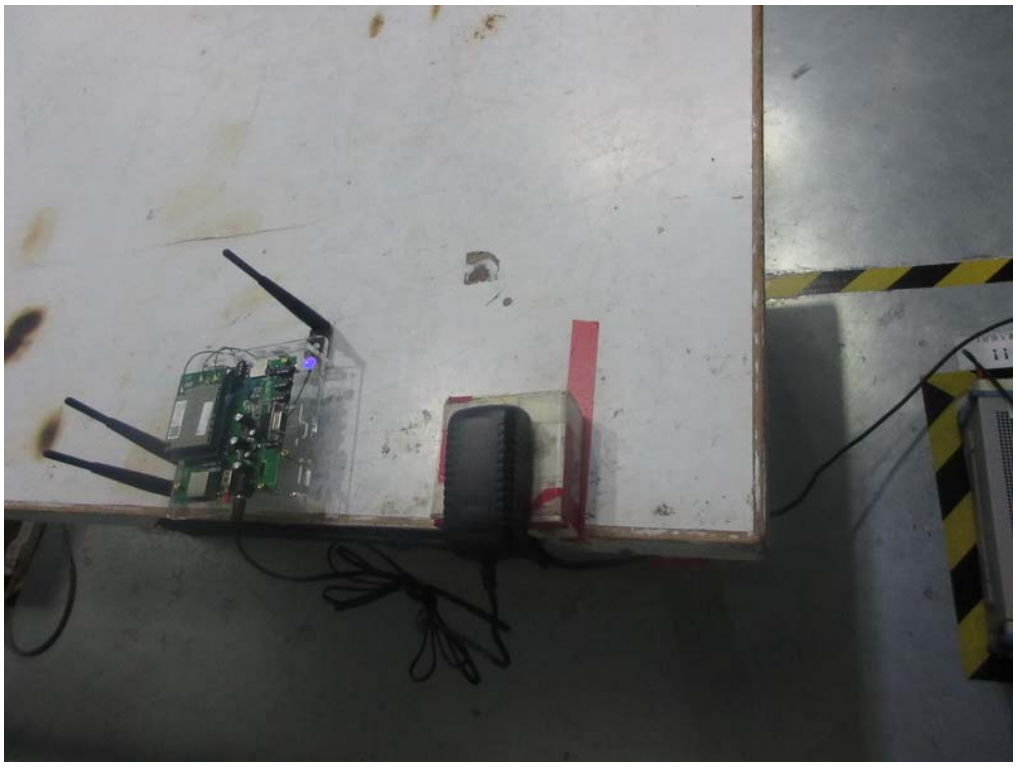
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May. 23, 2016

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

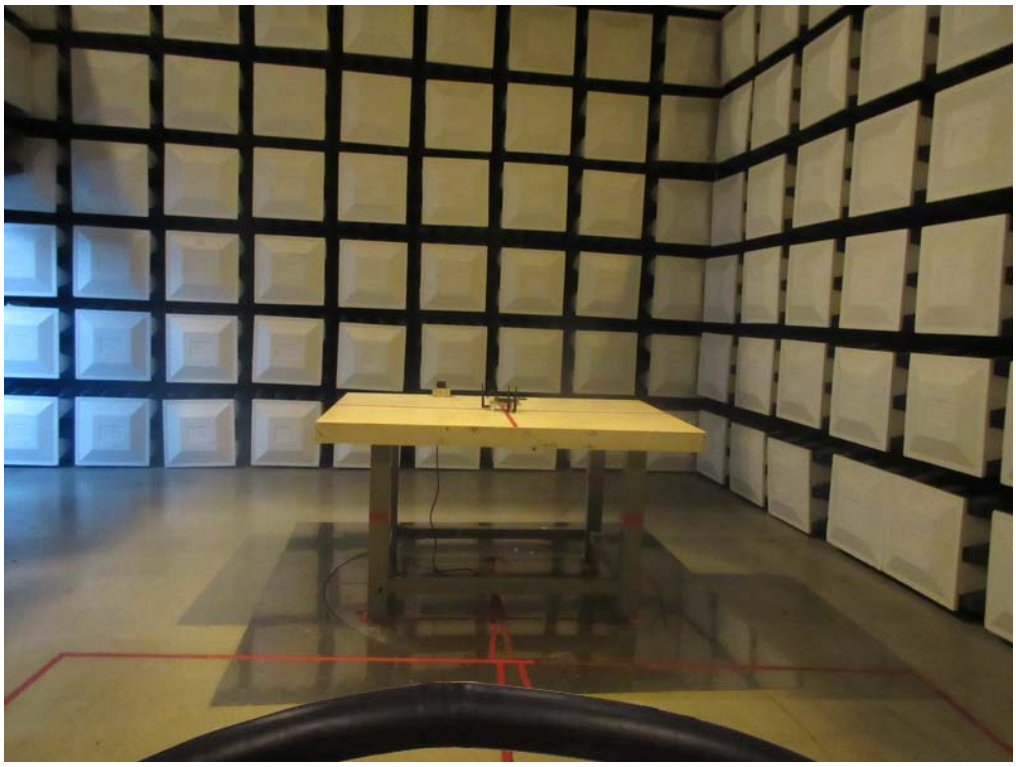
11. EUT TEST PHOTOS

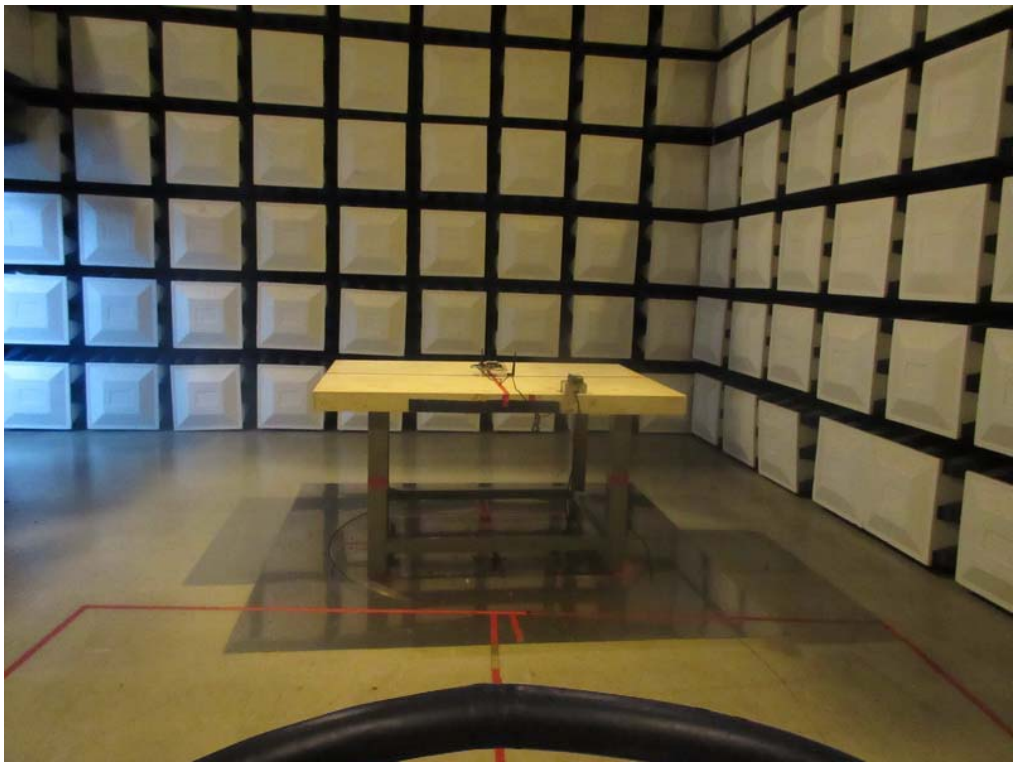
Conducted Measurement Photos



Radiated Measurement Photos

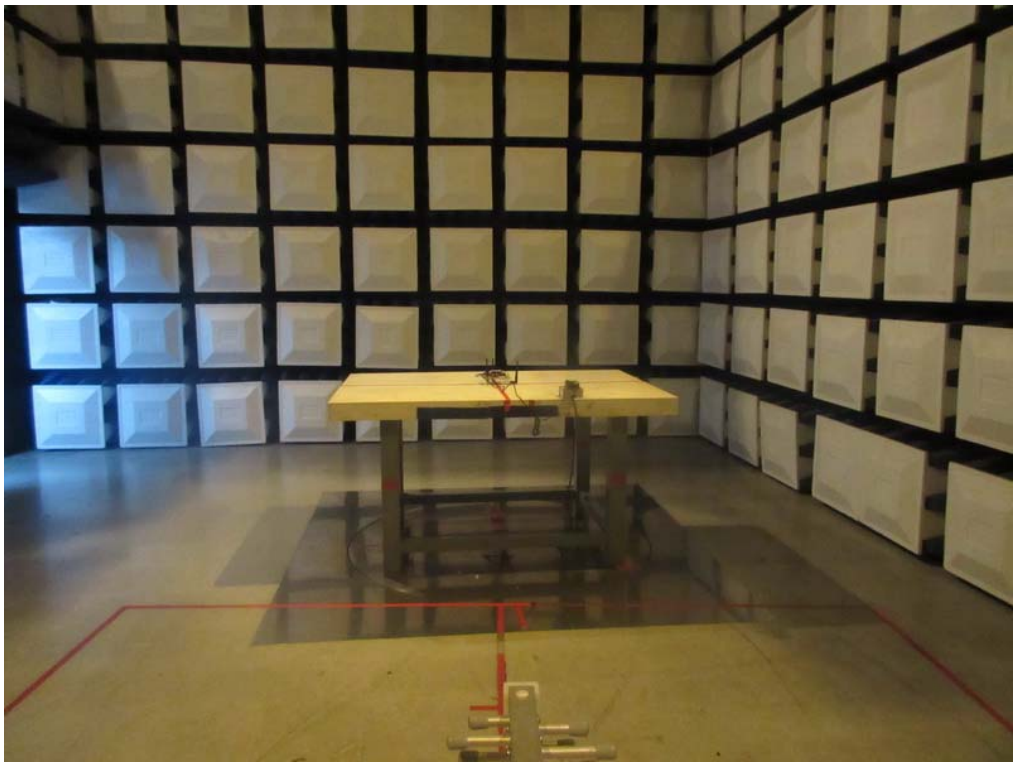
9kHz to 30MHz





Radiated Measurement Photos

30MHz to 1000MHz



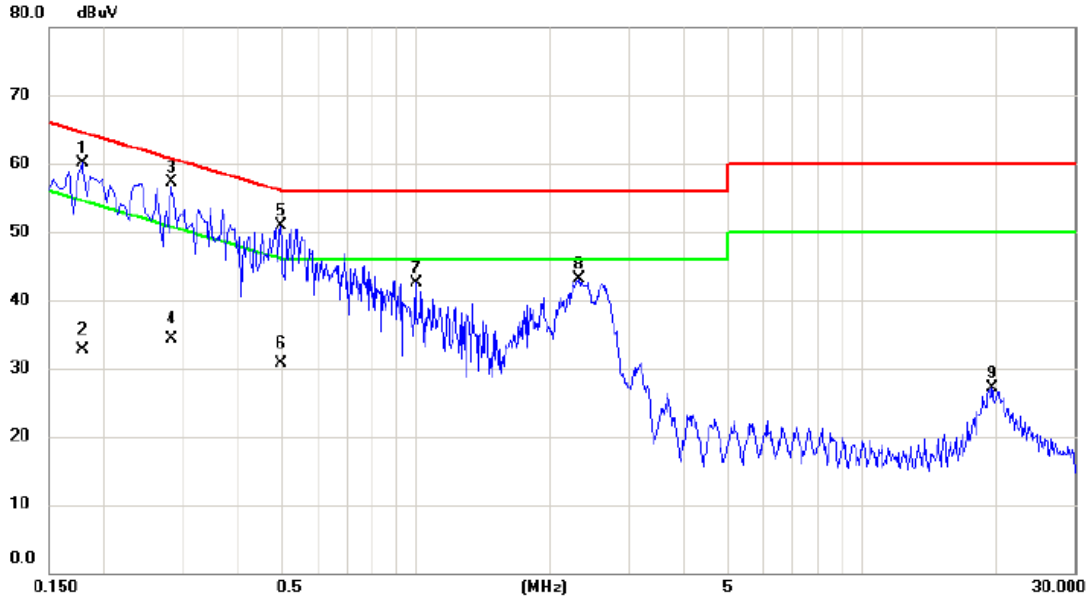
Radiated Measurement Photos

Above 1000MHz

ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX Mode

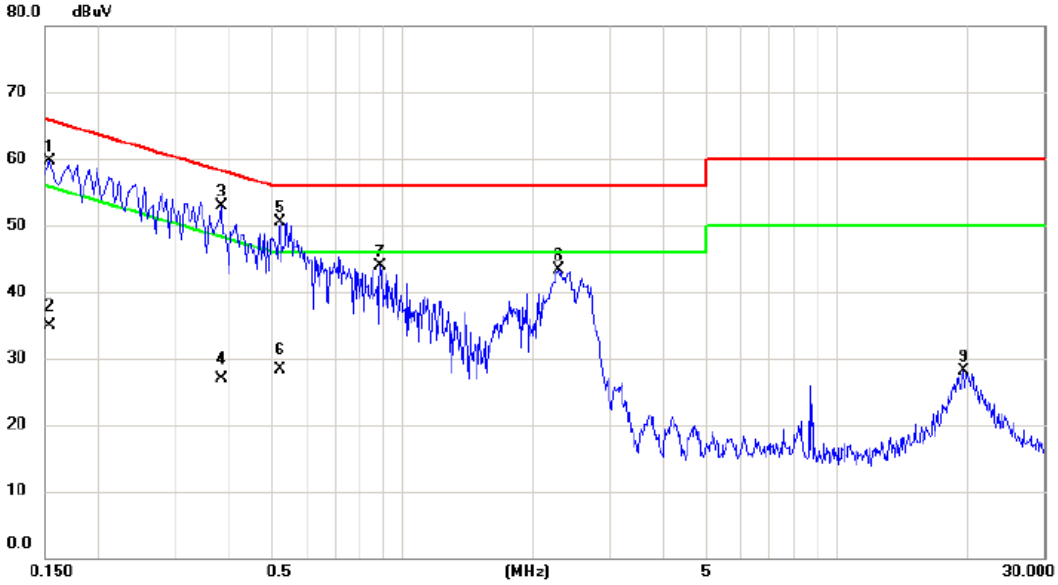
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	50.55	9.56	60.11	64.58	-4.47	peak	
2		0.1780	23.06	9.56	32.62	54.58	-21.96	AVG	
3	*	0.2820	47.60	9.63	57.23	60.76	-3.53	peak	
4		0.2820	24.59	9.63	34.22	50.76	-16.54	AVG	
5		0.4980	41.15	9.68	50.83	56.03	-5.20	peak	
6		0.4980	21.11	9.68	30.79	46.03	-15.24	AVG	
7		0.9980	32.66	9.80	42.46	56.00	-13.54	peak	
8		2.3220	33.15	9.97	43.12	56.00	-12.88	peak	
9		19.6220	17.30	9.85	27.15	60.00	-32.85	peak	

Test Mode:	TX Mode

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	50.14	9.49	59.63	65.78	-6.15	peak	
2		0.1540	25.33	9.49	34.82	55.78	-20.96	AVG	
3	*	0.3820	43.32	9.53	52.85	58.24	-5.39	peak	
4		0.3820	17.37	9.53	26.90	48.24	-21.34	AVG	
5		0.5220	40.85	9.56	50.41	56.00	-5.59	peak	
6		0.5220	18.79	9.56	28.35	46.00	-17.65	AVG	
7		0.8860	34.32	9.58	43.90	56.00	-12.10	peak	
8		2.2820	33.58	9.74	43.32	56.00	-12.68	peak	
9		19.5060	18.16	9.97	28.13	60.00	-31.87	peak	

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

Test Mode:	TX Mode

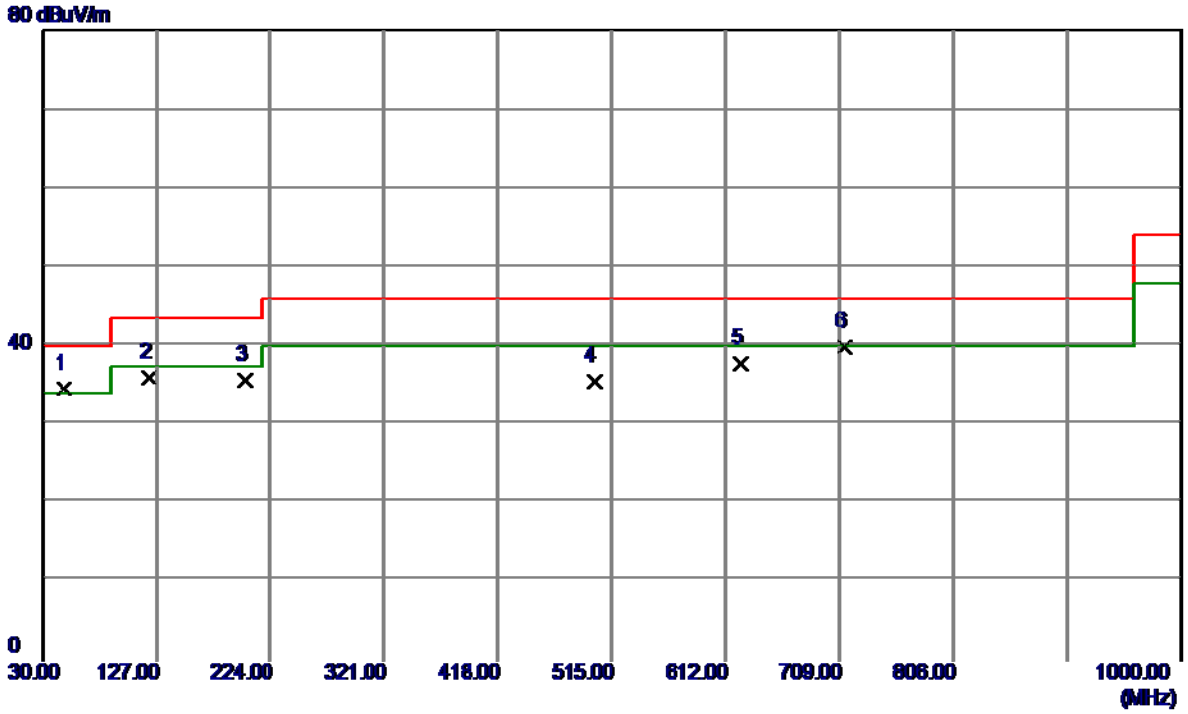
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0096	0°	12.35	24.9587	37.3087	127.9588	-90.6501	AVG
0.0096	0°	15.17	24.9587	40.1287	147.9588	-107.8301	PEAK
0.0158	0°	9.26	24.5660	33.8260	123.6311	-89.8051	AVG
0.0158	0°	10.35	24.5660	34.9160	143.6311	-108.7151	PEAK
0.0237	0°	6.13	24.0657	30.1957	120.1093	-89.9136	AVG
0.0237	0°	8.41	24.0657	32.4757	140.1093	-107.6336	PEAK
0.0413	0°	1.24	22.9510	24.1910	115.2852	-91.0942	AVG
0.0413	0°	2.57	22.9510	25.5210	135.2852	-109.7642	PEAK
0.5203	0°	18.13	19.8650	37.9950	73.2791	-35.2842	QP
1.9216	0°	22.45	19.5078	41.9578	69.5400	-27.5822	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0126	90°	10.71	24.3000	35.0100	125.5968	-90.5868	AVG
0.0126	90°	12.15	24.3000	36.4500	145.5968	-109.1468	PEAK
0.0281	90°	6.26	23.7870	30.0470	118.6301	-88.5831	AVG
0.0281	90°	7.13	23.7870	30.9170	138.6301	-107.7131	PEAK
0.0353	90°	2.62	23.3310	25.9510	116.6487	-90.6977	AVG
0.0353	90°	3.39	23.3310	26.7210	136.6487	-109.9277	PEAK
0.0452	90°	1.03	22.7040	23.7340	114.5015	-90.7675	AVG
0.0452	90°	2.31	22.7040	25.0140	134.5015	-109.4875	PEAK
0.6152	90°	20.49	20.1686	40.6586	71.8239	-31.1653	QP
2.3057	90°	24.37	19.3166	43.6866	69.5400	-25.8534	QP

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

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

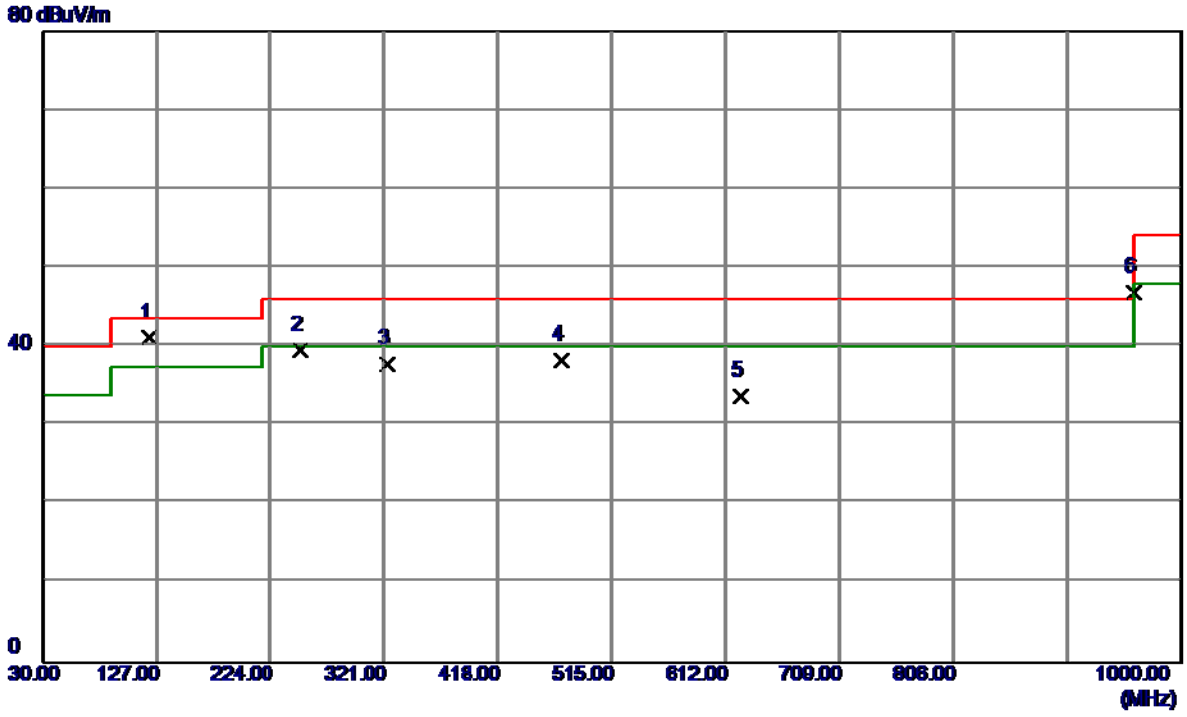
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	48.4300	47.86	-13.23	34.63	40.00	-5.37	Peak	
2	120.2100	51.07	-15.03	36.04	43.50	-7.46	Peak	
3	202.6600	51.34	-15.69	35.65	43.50	-7.85	Peak	
4	500.4500	42.69	-7.15	35.54	46.00	-10.46	Peak	
5	624.6100	42.47	-4.77	37.70	46.00	-8.30	Peak	
6	712.8800	43.16	-3.33	39.83	46.00	-6.17	Peak	

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

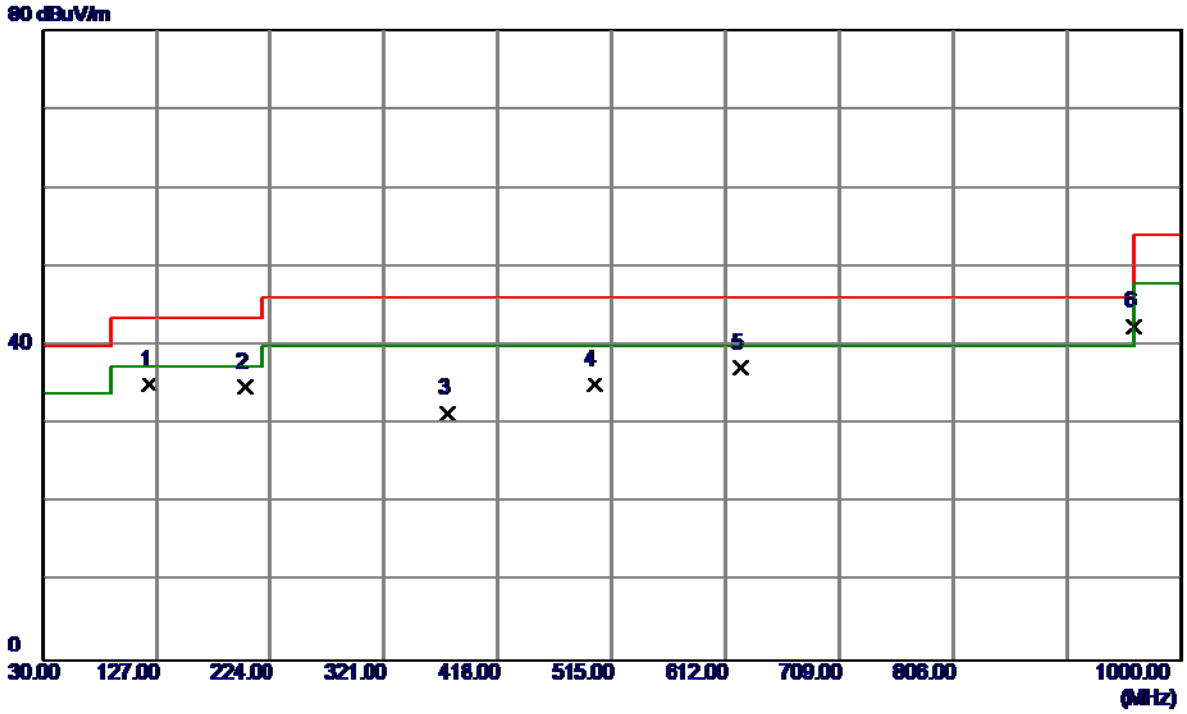
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	56.18	-15.03	41.15	43.50	-2.35	Peak	
2	250.1900	52.87	-13.37	39.50	46.00	-6.50	Peak	
3	323.9100	48.71	-10.89	37.82	46.00	-8.18	Peak	
4	472.3200	45.76	-7.48	38.28	46.00	-7.72	Peak	
5	624.6100	38.48	-4.77	33.71	46.00	-12.29	Peak	
6	960.2300	45.00	1.83	46.83	54.00	-7.17	Peak	

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

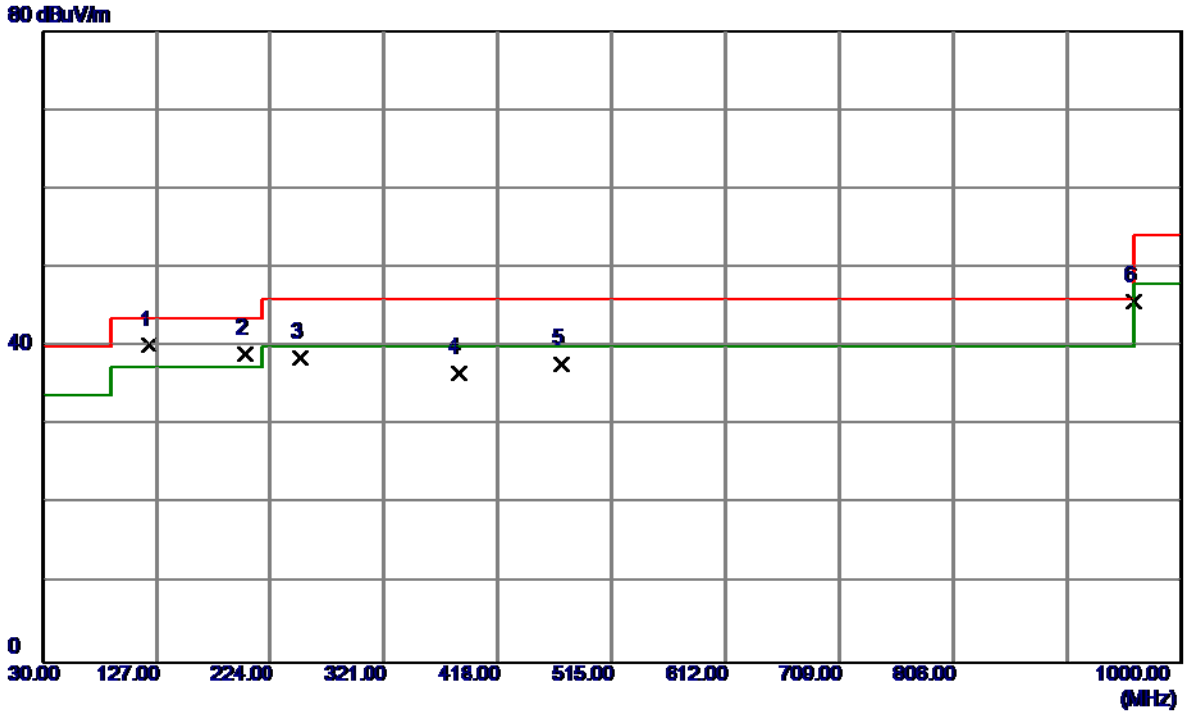
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	50.07	-15.03	35.04	43.50	-8.46	Peak	
2	202.6600	50.34	-15.69	34.65	43.50	-8.85	Peak	
3	375.3200	41.13	-9.78	31.35	46.00	-14.65	Peak	
4	500.4500	42.19	-7.15	35.04	46.00	-10.96	Peak	
5	624.6100	41.97	-4.77	37.20	46.00	-8.80	Peak	
6	960.2300	40.51	1.83	42.34	54.00	-11.66	Peak	

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

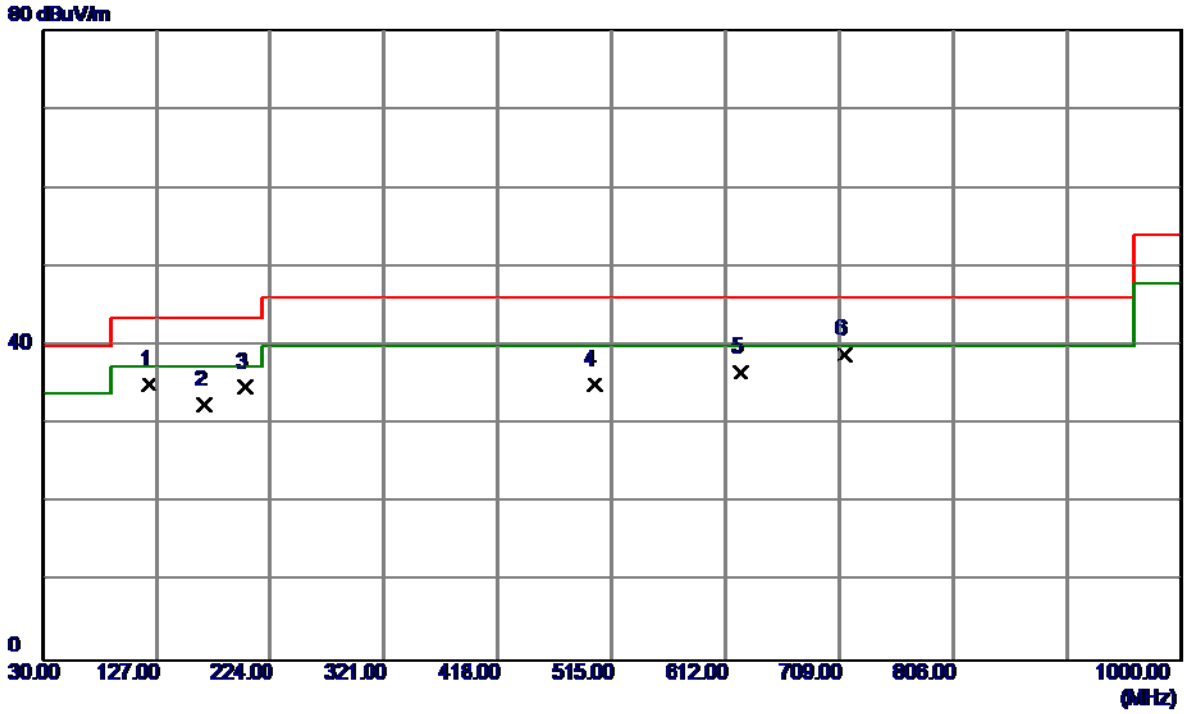
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	55.18	-15.03	40.15	43.50	-3.35	Peak	
2	202.6600	54.68	-15.69	38.99	43.50	-4.51	Peak	
3	250.1900	51.87	-13.37	38.50	46.00	-7.50	Peak	
4	384.0500	46.15	-9.58	36.57	46.00	-9.43	Peak	
5	472.3200	45.26	-7.48	37.78	46.00	-8.22	Peak	
6	960.2300	44.00	1.83	45.83	54.00	-8.17	Peak	

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

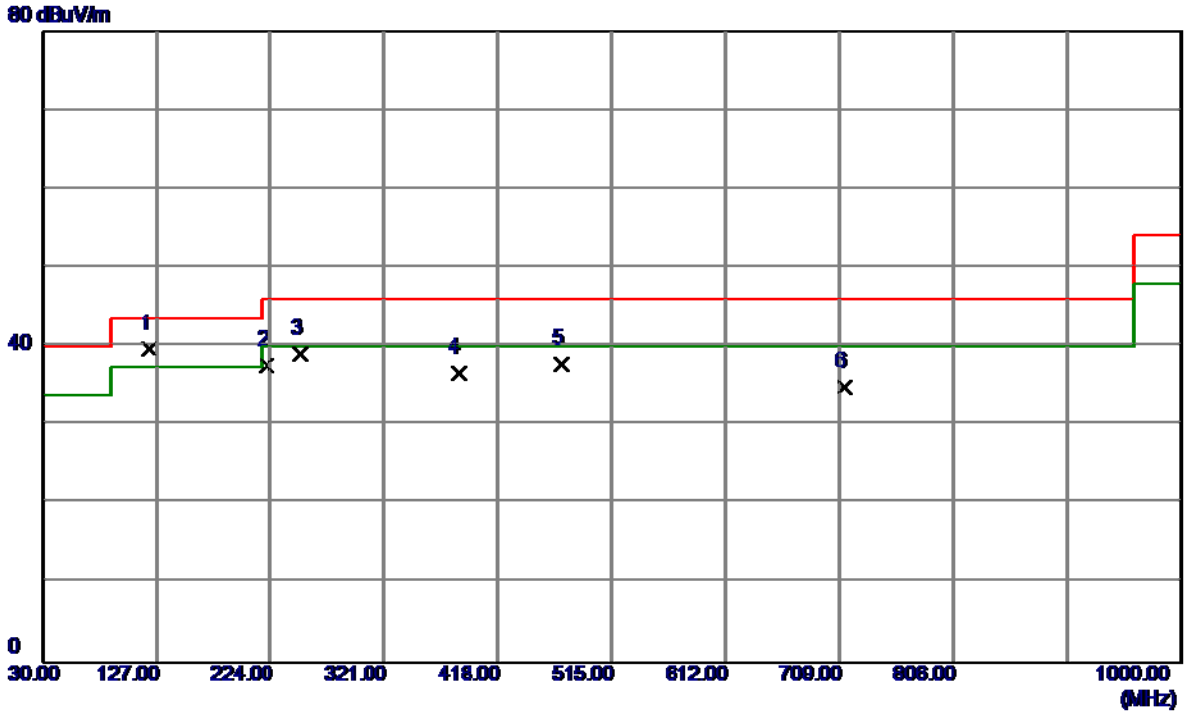
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	50.07	-15.03	35.04	43.50	-8.46	Peak	
2	167.7400	45.63	-13.12	32.51	43.50	-10.99	Peak	
3	202.6600	50.34	-15.69	34.65	43.50	-8.85	Peak	
4	500.4500	42.19	-7.15	35.04	46.00	-10.96	Peak	
5	624.6100	41.47	-4.77	36.70	46.00	-9.30	Peak	
6	712.8800	42.16	-3.33	38.83	46.00	-7.17	Peak	

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

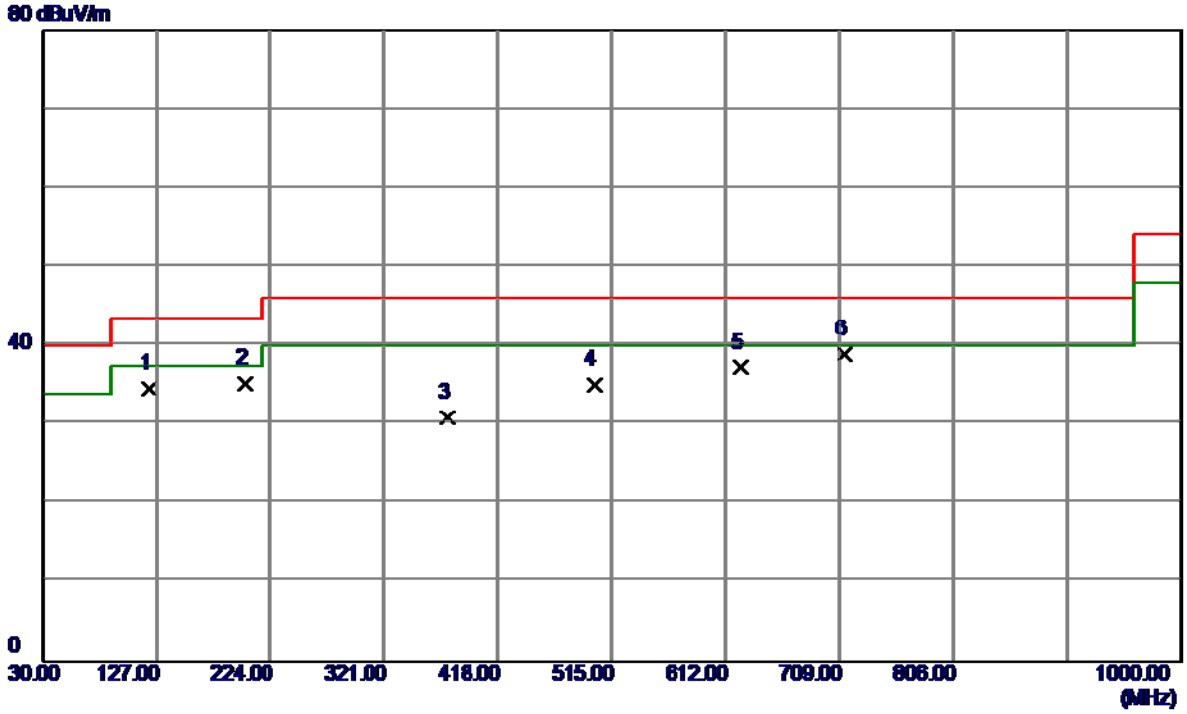
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	54.68	-15.03	39.65	43.50	-3.85	Peak	
2	221.0900	53.19	-15.57	37.62	46.00	-8.38	Peak	
3	250.1900	52.37	-13.37	39.00	46.00	-7.00	Peak	
4	384.0500	46.15	-9.58	36.57	46.00	-9.43	Peak	
5	472.3200	45.26	-7.48	37.78	46.00	-8.22	Peak	
6	712.8800	38.14	-3.33	34.81	46.00	-11.19	Peak	

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

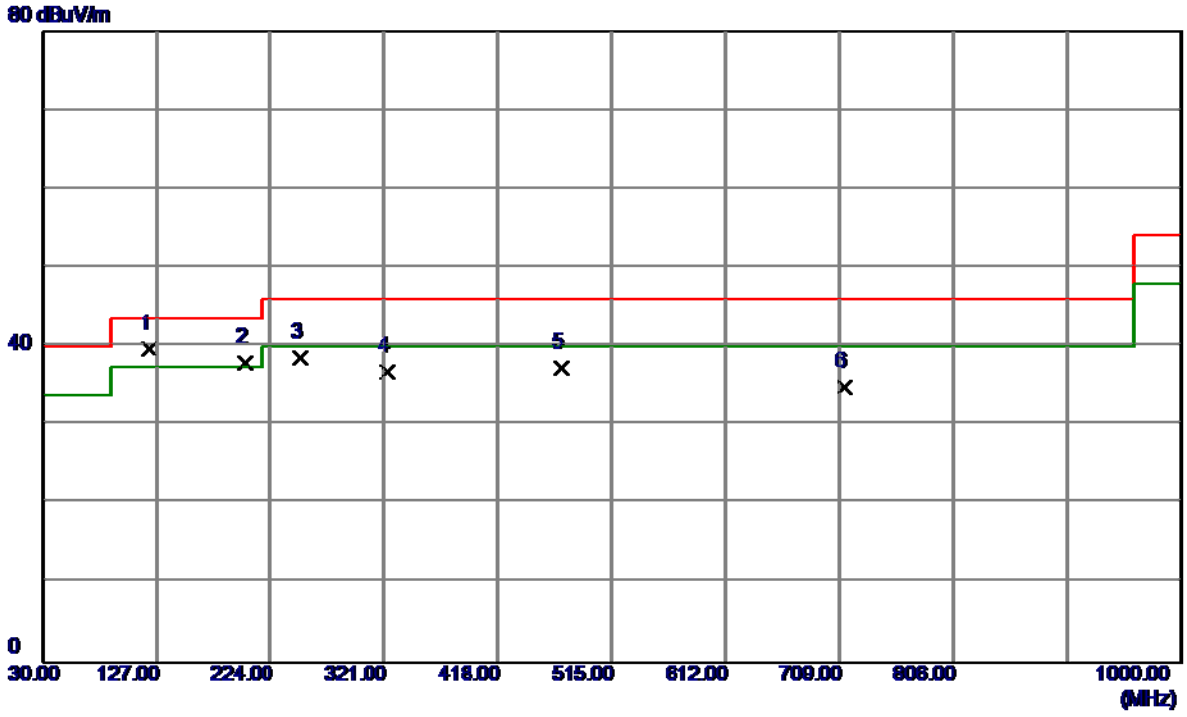
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	49.57	-15.03	34.54	43.50	-8.96	Peak	
2	202.6600	50.84	-15.69	35.15	43.50	-8.35	Peak	
3	375.3200	40.63	-9.78	30.85	46.00	-15.15	Peak	
4	500.4500	42.19	-7.15	35.04	46.00	-10.96	Peak	
5	624.6100	41.97	-4.77	37.20	46.00	-8.80	Peak	
6	712.8800	42.16	-3.33	38.83	46.00	-7.17	Peak	

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

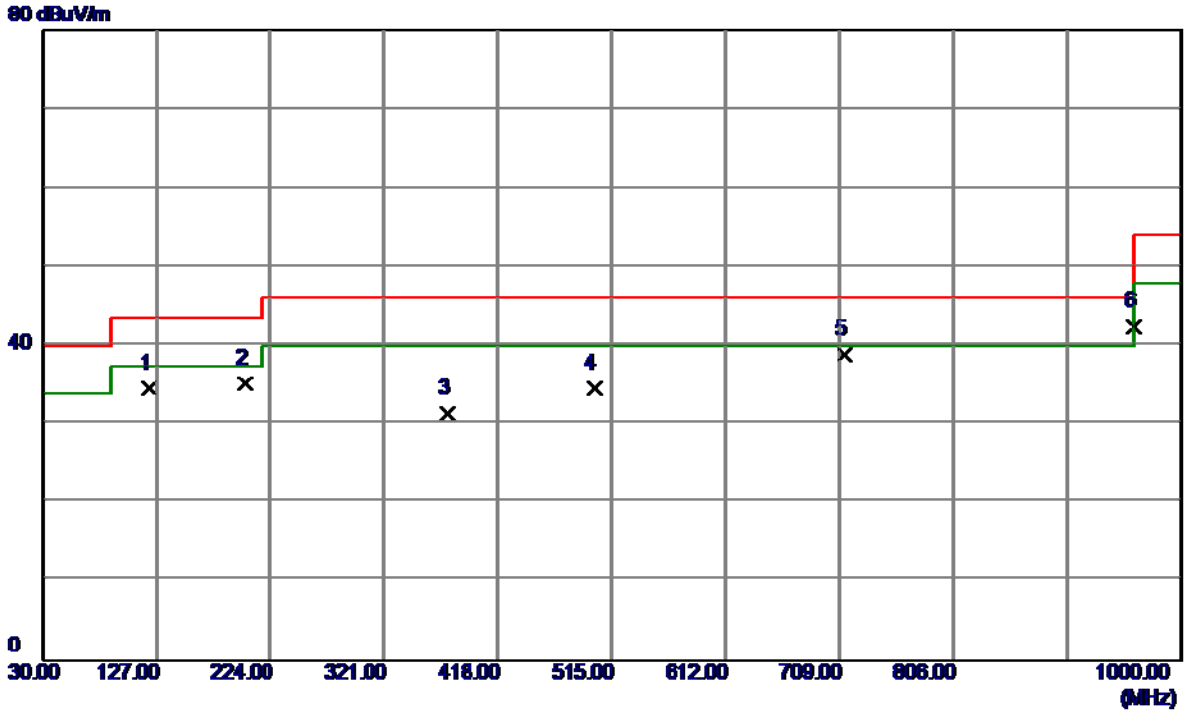
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	54.68	-15.03	39.65	43.50	-3.85	Peak	
2	202.6600	53.68	-15.69	37.99	43.50	-5.51	Peak	
3	250.1900	51.87	-13.37	38.50	46.00	-7.50	Peak	
4	323.9100	47.71	-10.89	36.82	46.00	-9.18	Peak	
5	472.3200	44.76	-7.48	37.28	46.00	-8.72	Peak	
6	712.8800	38.14	-3.33	34.81	46.00	-11.19	Peak	

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

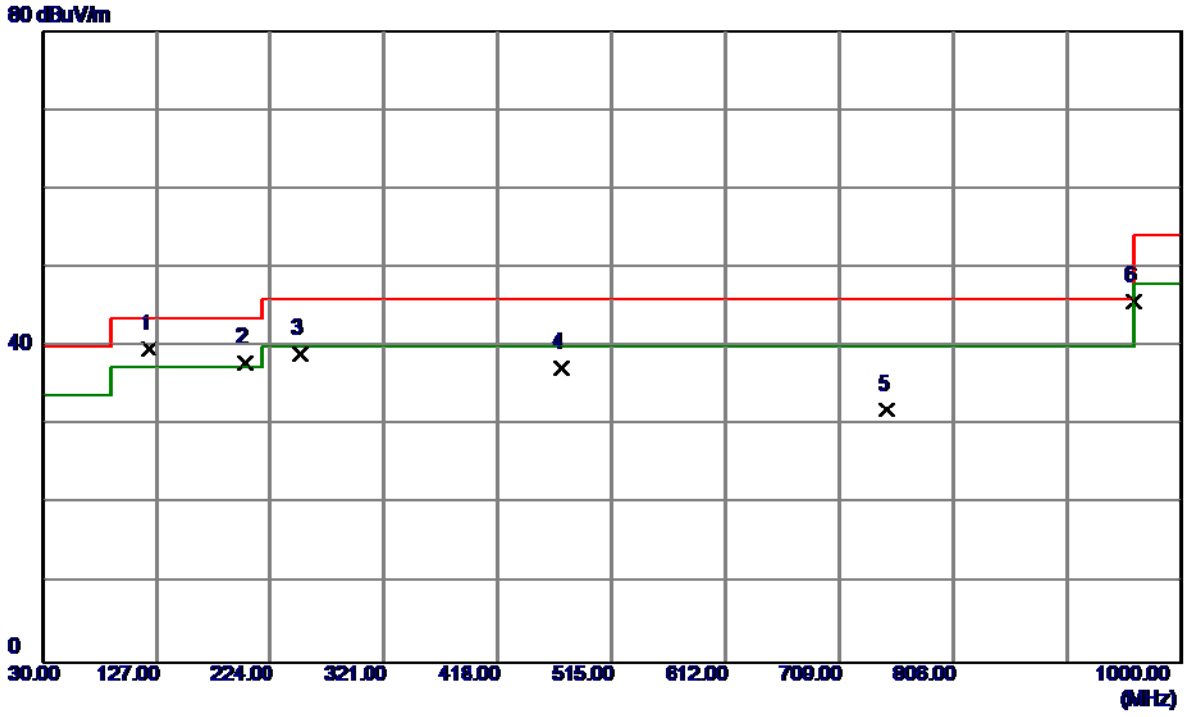
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	49.57	-15.03	34.54	43.50	-8.96	Peak	
2	202.6600	50.84	-15.69	35.15	43.50	-8.35	Peak	
3	375.3200	41.13	-9.78	31.35	46.00	-14.65	Peak	
4	500.4500	41.69	-7.15	34.54	46.00	-11.46	Peak	
5	712.8800	42.16	-3.33	38.83	46.00	-7.17	Peak	
6	960.2300	40.51	1.83	42.34	54.00	-11.66	Peak	

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

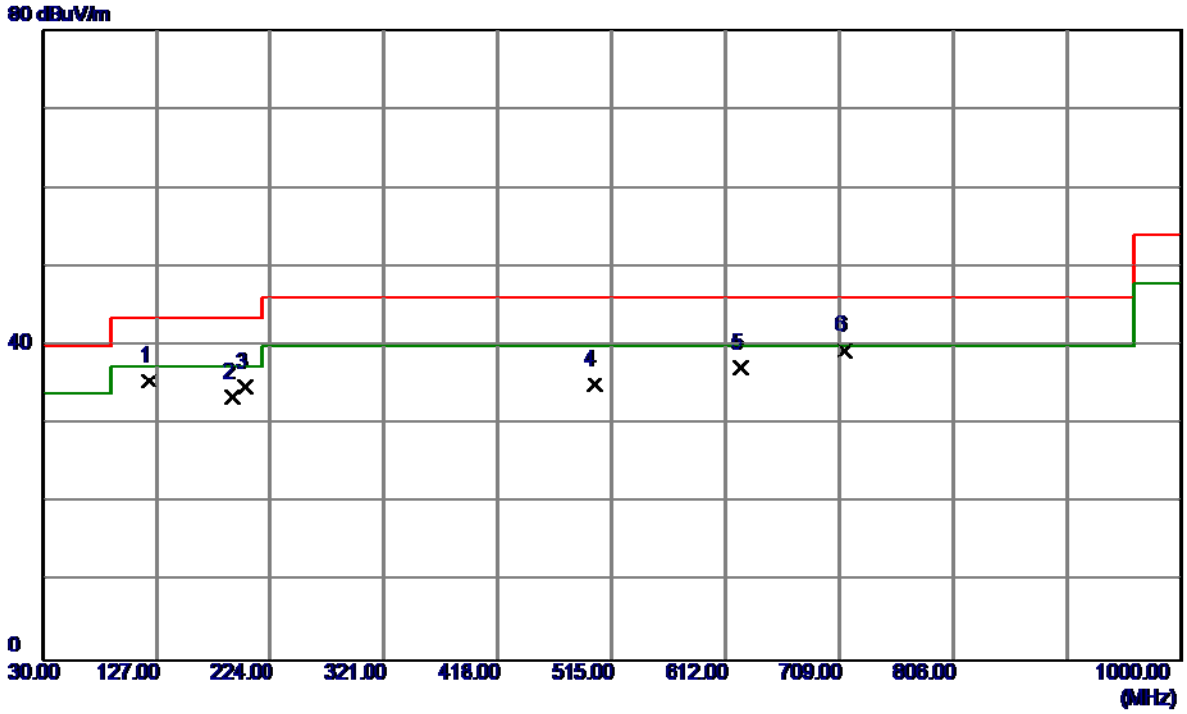
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	54.68	-15.03	39.65	43.50	-3.85	Peak	
2	202.6600	53.68	-15.69	37.99	43.50	-5.51	Peak	
3	250.1900	52.37	-13.37	39.00	46.00	-7.00	Peak	
4	472.3200	44.76	-7.48	37.28	46.00	-8.72	Peak	
5	749.7400	34.07	-2.00	32.07	46.00	-13.93	Peak	
6	960.2300	44.00	1.83	45.83	54.00	-8.17	Peak	

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

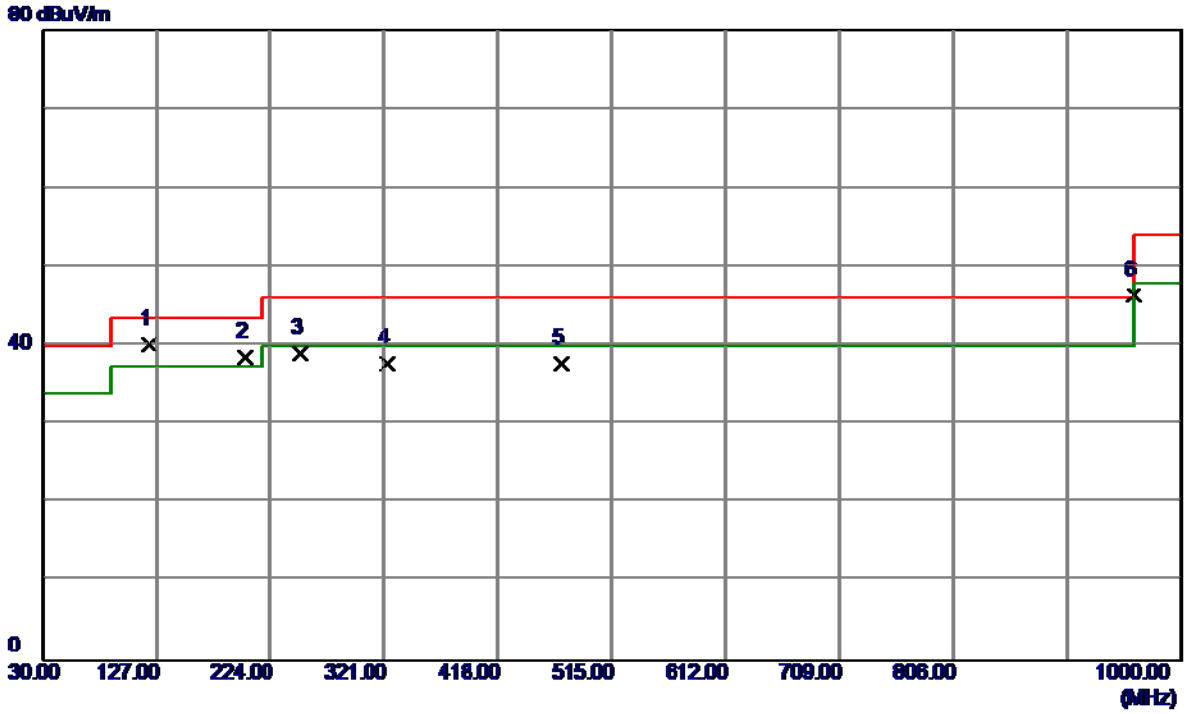
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	50.57	-15.03	35.54	43.50	-7.96	Peak	
2	191.9900	48.51	-15.03	33.48	43.50	-10.02	Peak	
3	202.6600	50.34	-15.69	34.65	43.50	-8.85	Peak	
4	500.4500	42.19	-7.15	35.04	46.00	-10.96	Peak	
5	624.6100	41.97	-4.77	37.20	46.00	-8.80	Peak	
6	712.8800	42.66	-3.33	39.33	46.00	-6.67	Peak	

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

Horizontal

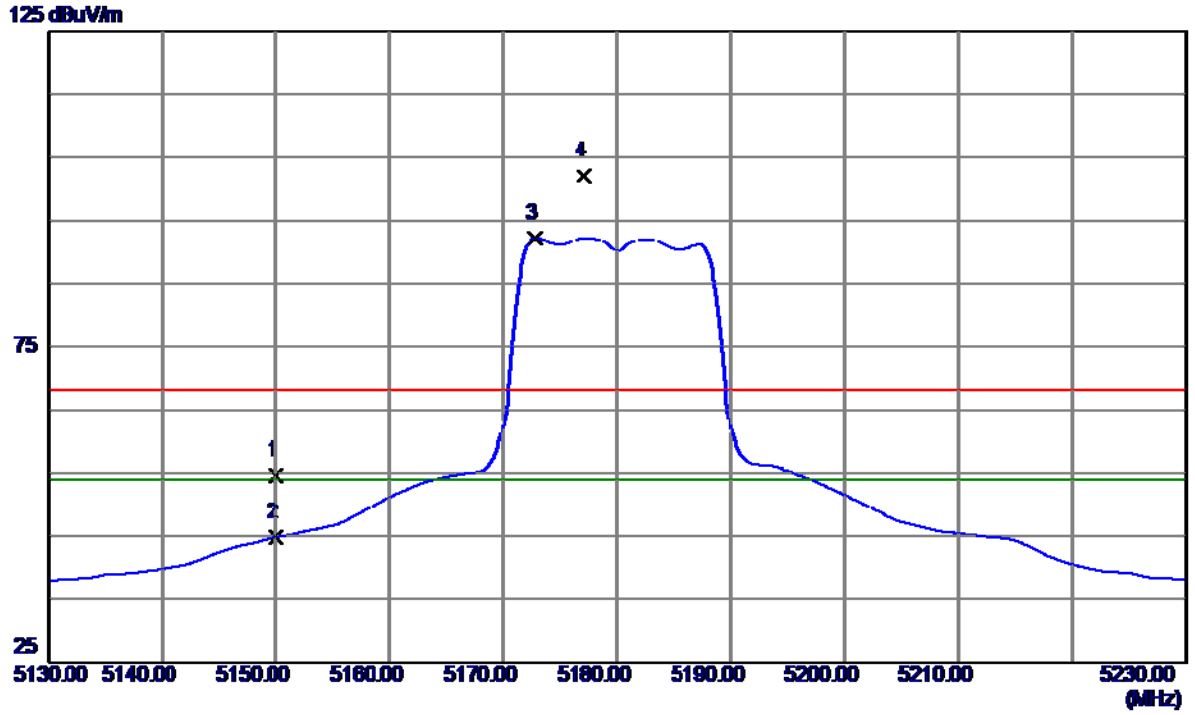


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	120.2100	55.18	-15.03	40.15	43.50	-3.35	Peak	
2	202.6600	54.18	-15.69	38.49	43.50	-5.01	Peak	
3	250.1900	52.37	-13.37	39.00	46.00	-7.00	Peak	
4	323.9100	48.71	-10.89	37.82	46.00	-8.18	Peak	
5	472.3200	45.26	-7.48	37.78	46.00	-8.22	Peak	
6	960.2300	44.50	1.83	46.33	54.00	-7.67	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

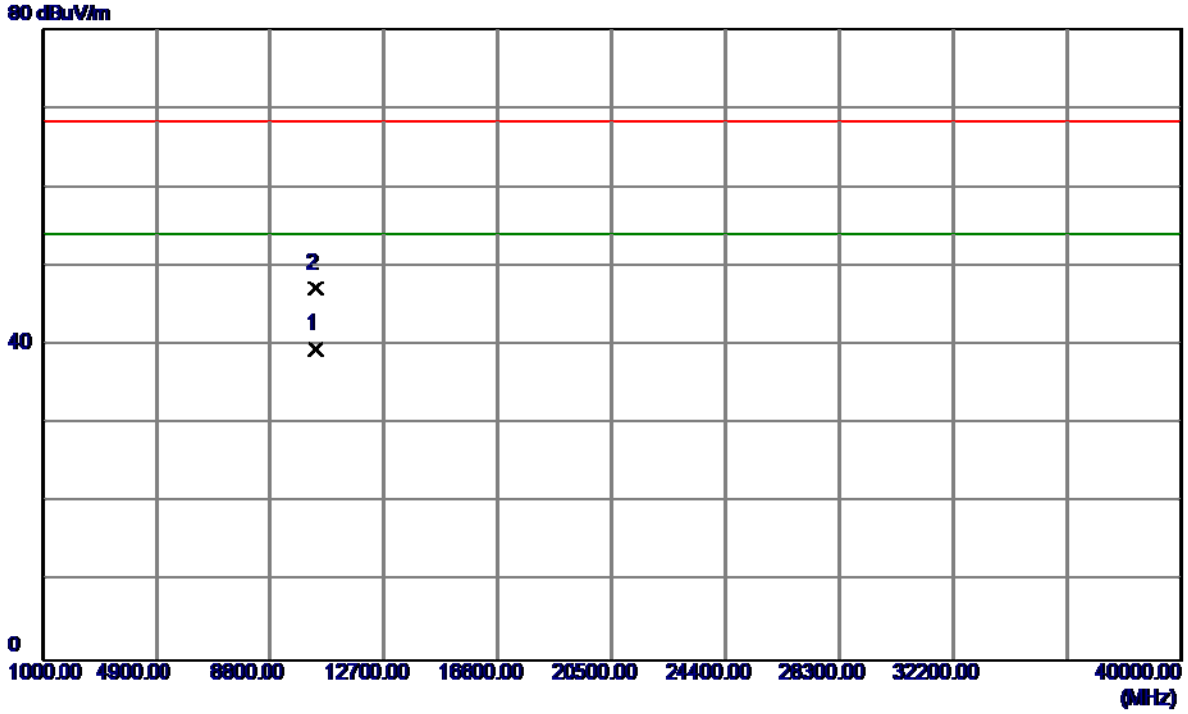
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.62	37.89	54.51	68.30	-13.79	Peak	
2	5150.0000	6.93	37.89	44.82	54.00	-9.18	AVG	
3	5172.8000	54.30	37.99	92.29	54.00	38.29	AVG	No Limit
4	5177.1000	63.91	38.01	101.92	68.30	33.62	Peak	No Limit

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

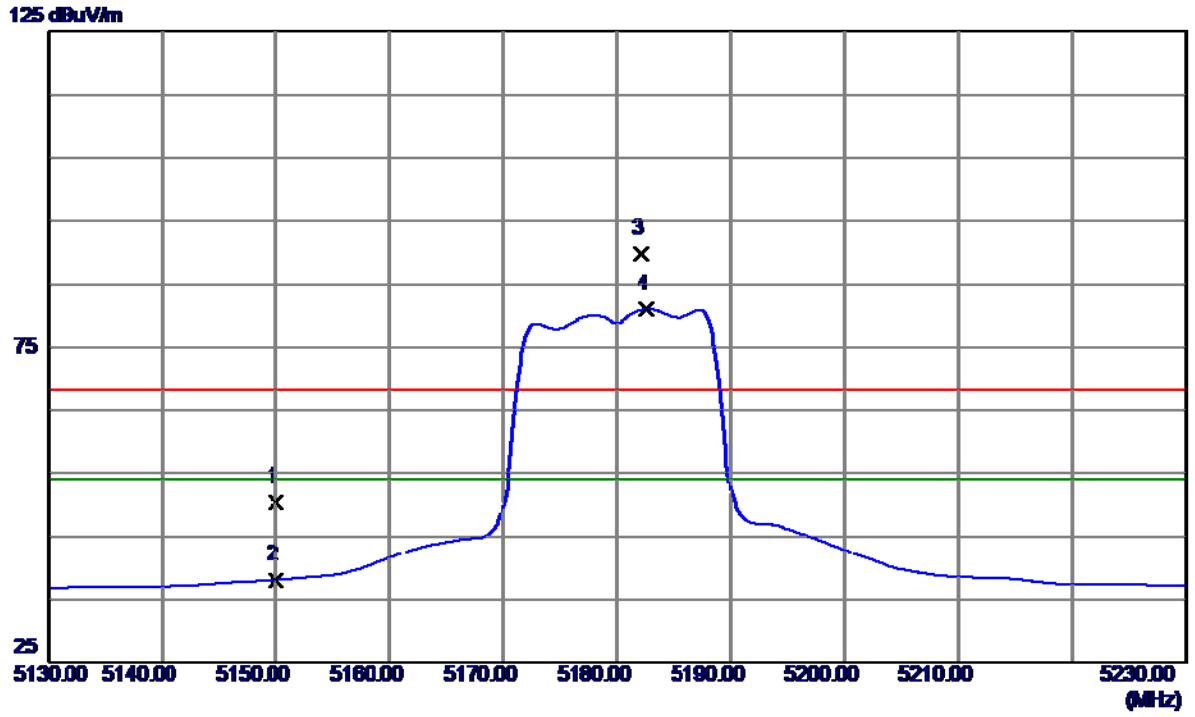
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10361.1000	28.42	11.10	39.52	54.00	-14.48	AVG	
2	10362.6000	36.10	11.10	47.20	68.30	-21.10	Peak	

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

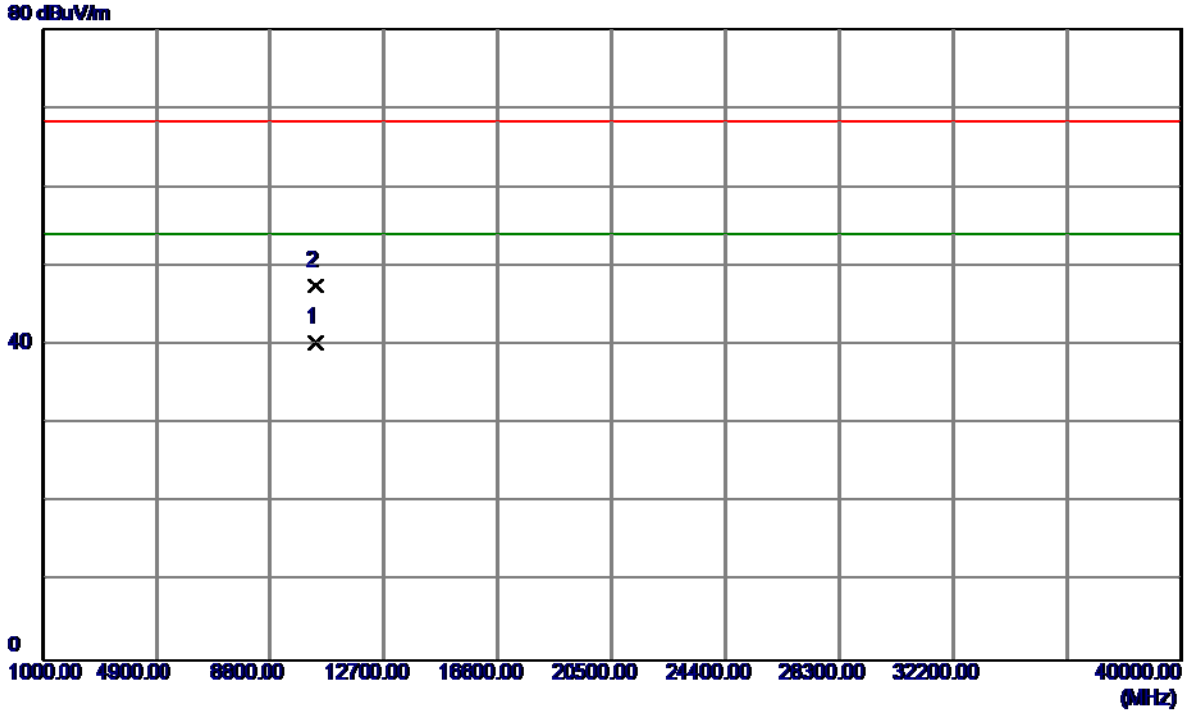
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.49	37.89	50.38	68.30	-17.92	Peak	
2	5150.0000	0.21	37.89	38.10	54.00	-15.90	AVG	
3	5182.1000	51.81	38.03	89.84	68.30	21.54	Peak	No Limit
4	5182.6000	42.95	38.04	80.99	54.00	26.99	AVG	No Limit

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

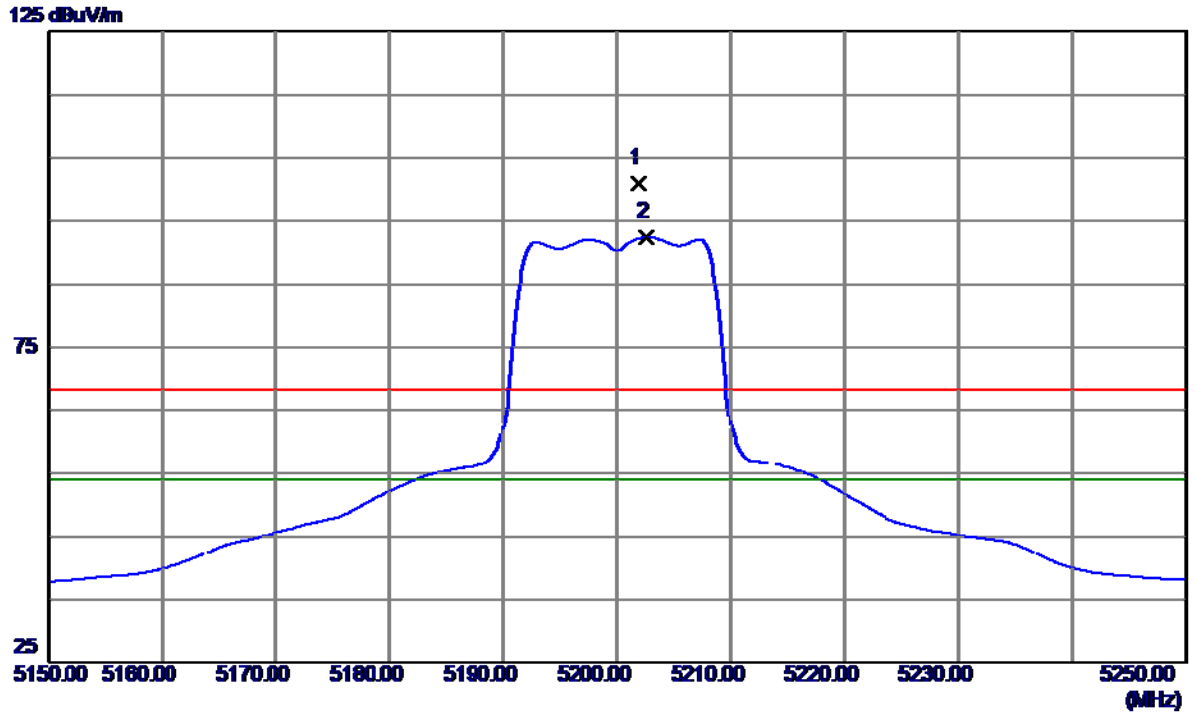
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.4000	29.17	11.11	40.28	54.00	-13.72	AVG	
2	10361.8000	36.45	11.10	47.55	68.30	-20.75	Peak	

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

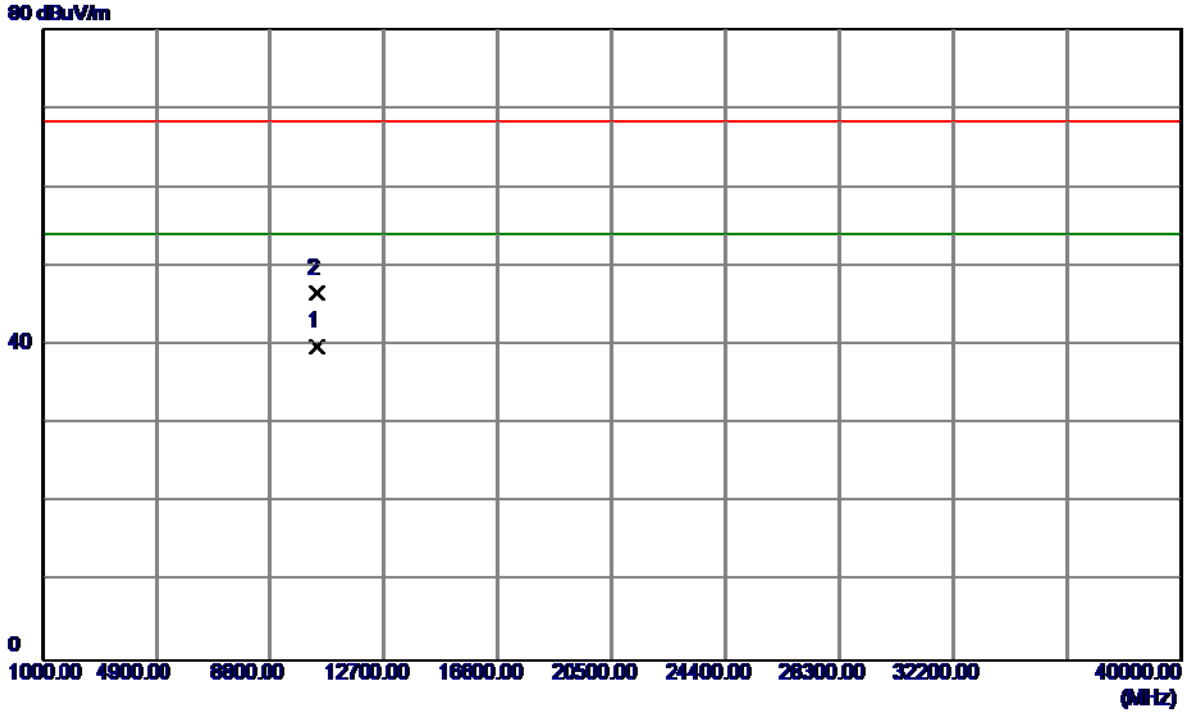
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5201.9000	62.87	38.12	100.99	68.30	32.69	Peak	No Limit
2	5202.6000	54.30	38.13	92.43	54.00	38.43	AVG	No Limit

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

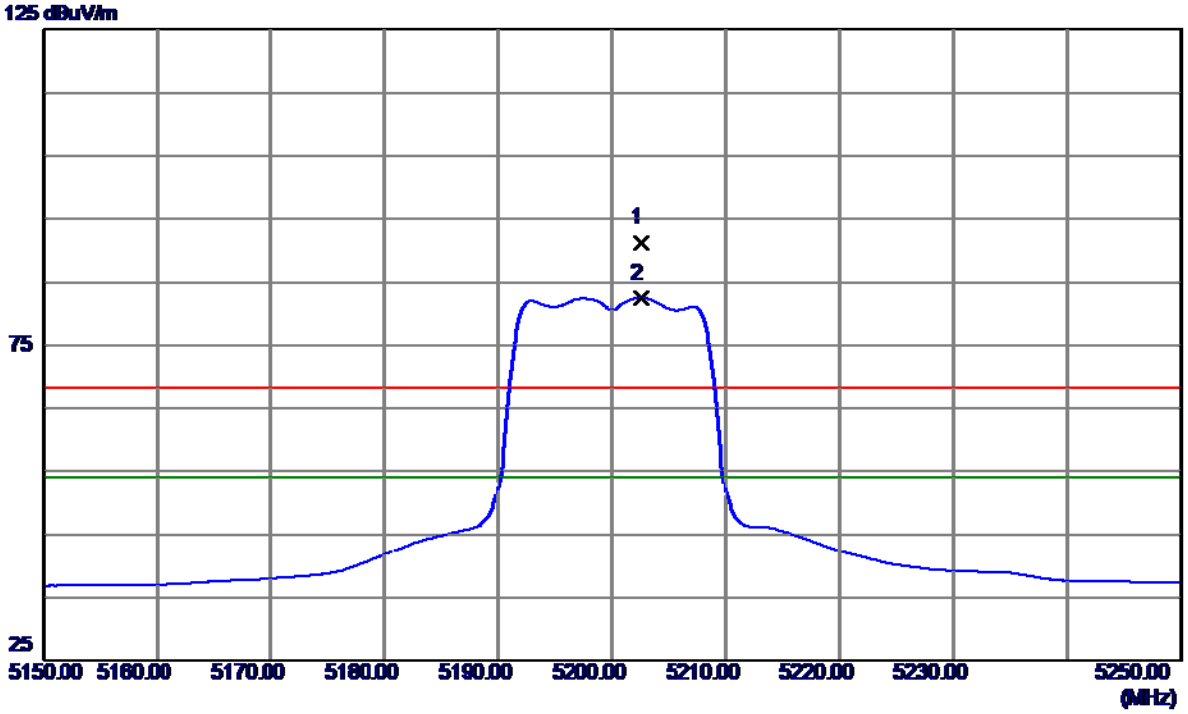
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.8000	28.76	11.05	39.81	54.00	-14.19	AVG	
2	10401.6000	35.47	11.05	46.52	68.30	-21.78	Peak	

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

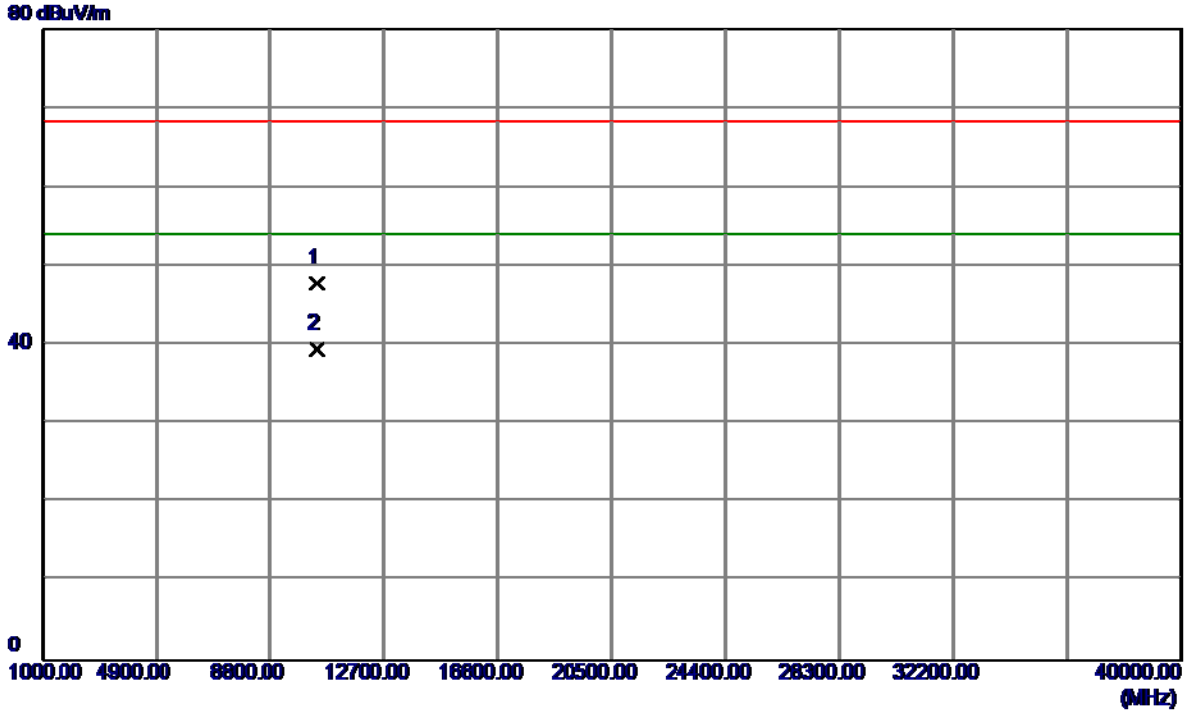
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5202.5000	53.09	38.13	91.22	68.30	22.92	Peak	No Limit
2	5202.5000	44.29	38.13	82.42	54.00	28.42	AVG	No Limit

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

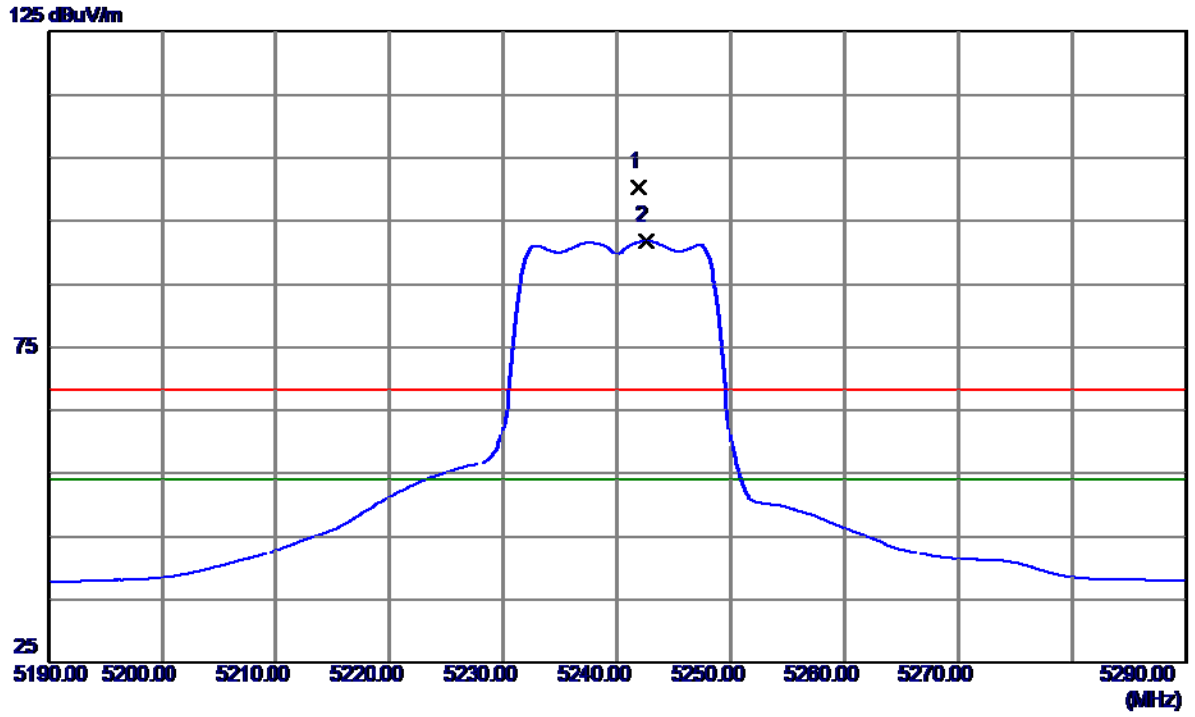
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10398.6000	36.79	11.05	47.84	68.30	-20.46	Peak	
2	10401.2000	28.48	11.05	39.53	54.00	-14.47	AVG	

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

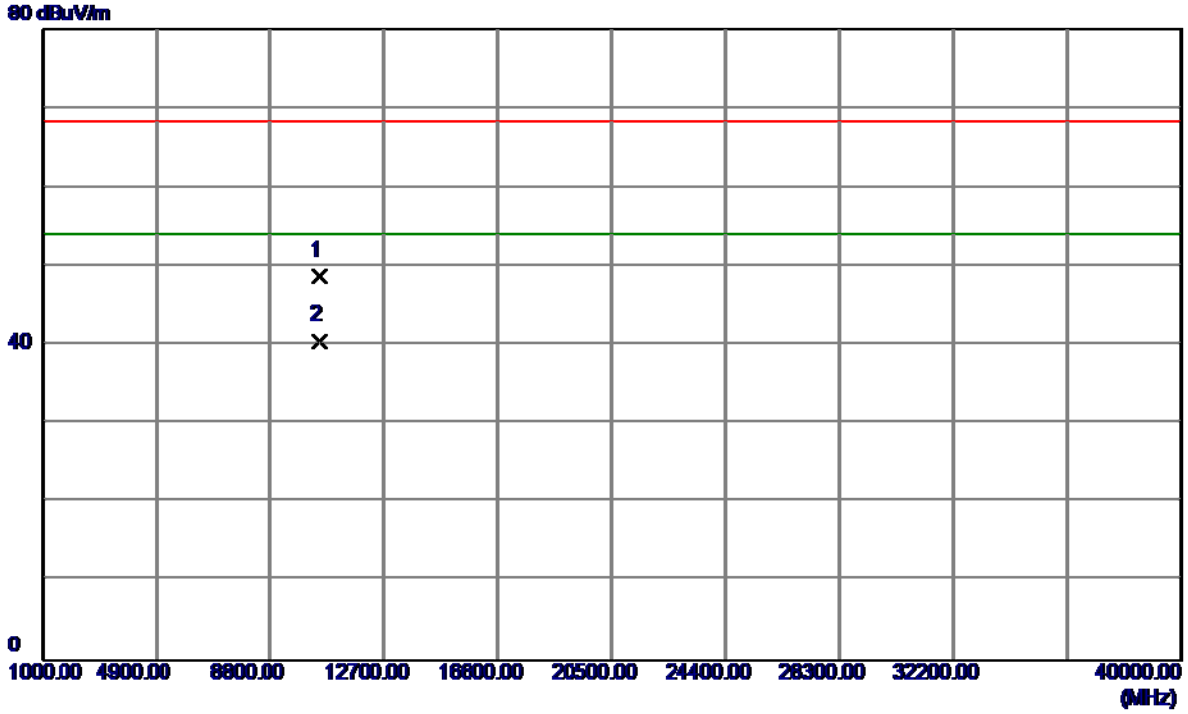
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5241.9000	62.12	38.30	100.42	68.30	32.12	Peak	No Limit
2	5242.5000	53.51	38.30	91.81	54.00	37.81	AVG	No Limit

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

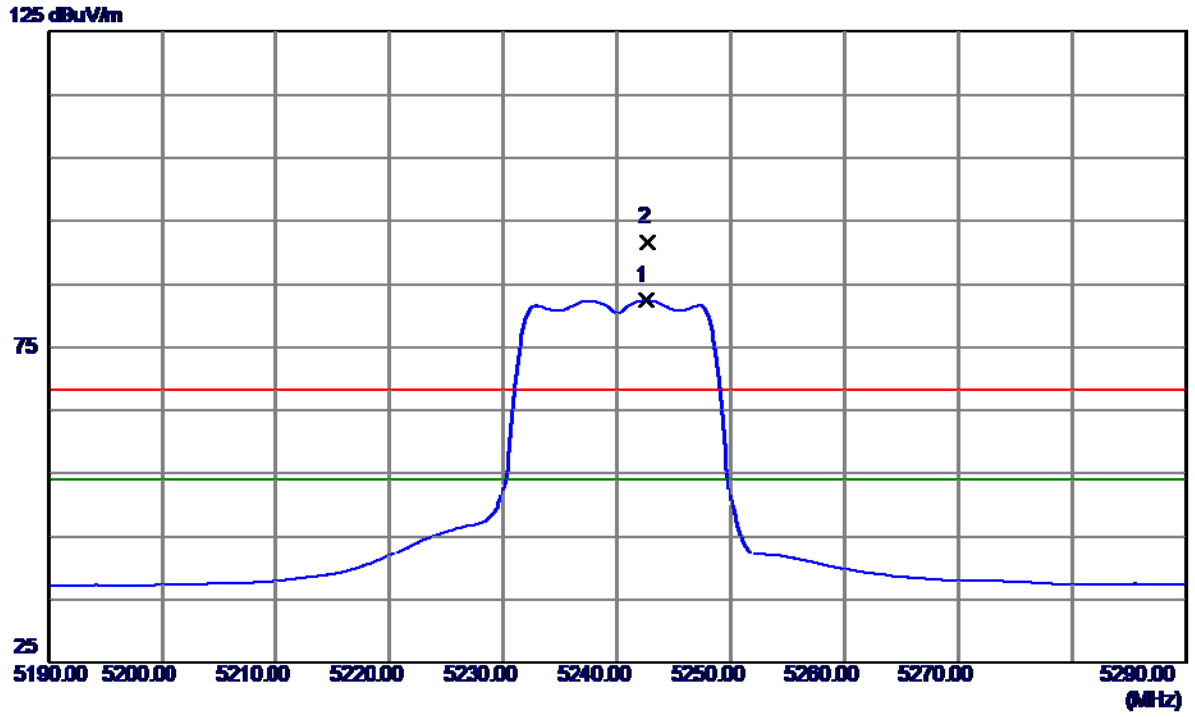
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10477.1000	37.92	10.94	48.86	68.30	-19.44	Peak	
2	10482.4000	29.63	10.93	40.56	54.00	-13.44	AVG	

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

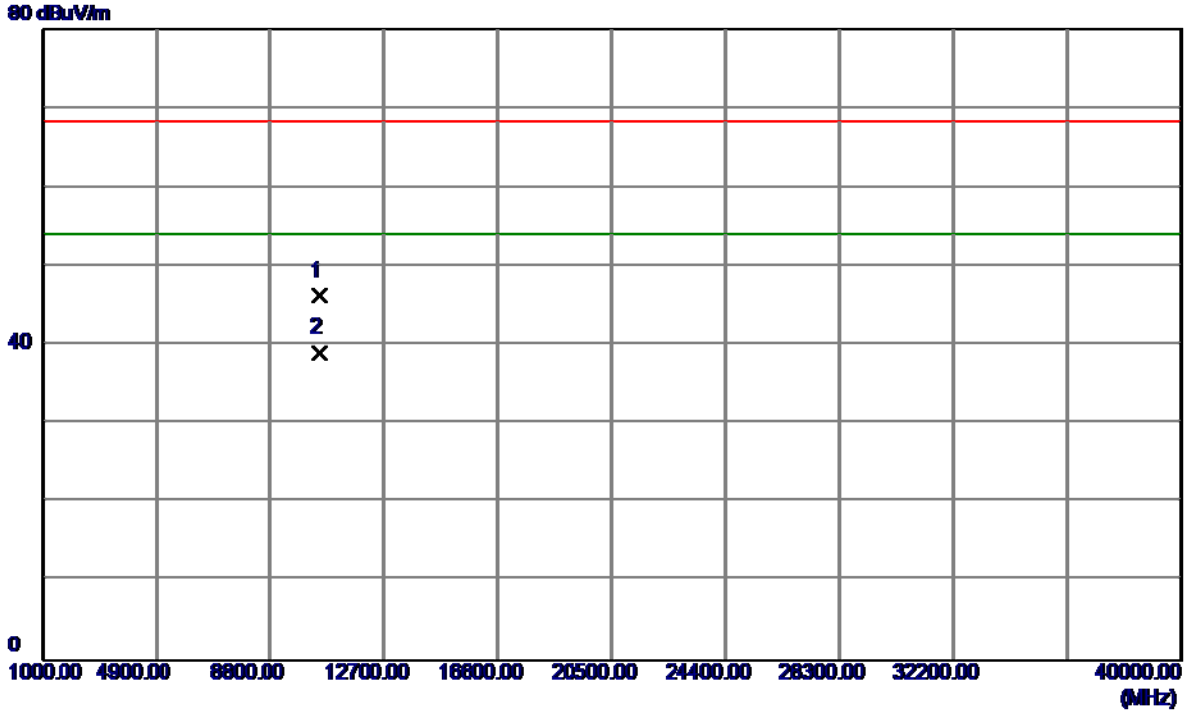
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.5000	44.05	38.30	82.35	54.00	28.35	AVG	No Limit
2	5242.7000	53.31	38.30	91.61	68.30	23.31	Peak	No Limit

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

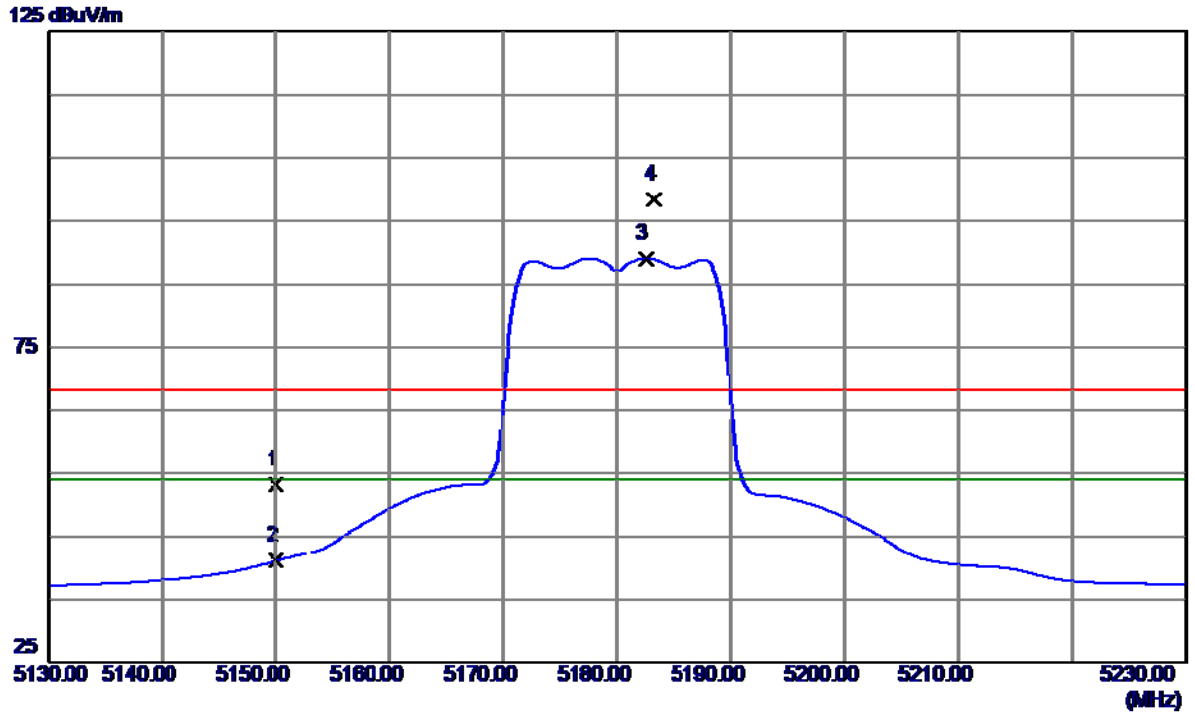
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10477.9000	35.33	10.94	46.27	68.30	-22.03	Peak	
2	10481.4000	28.17	10.94	39.11	54.00	-14.89	AVG	

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

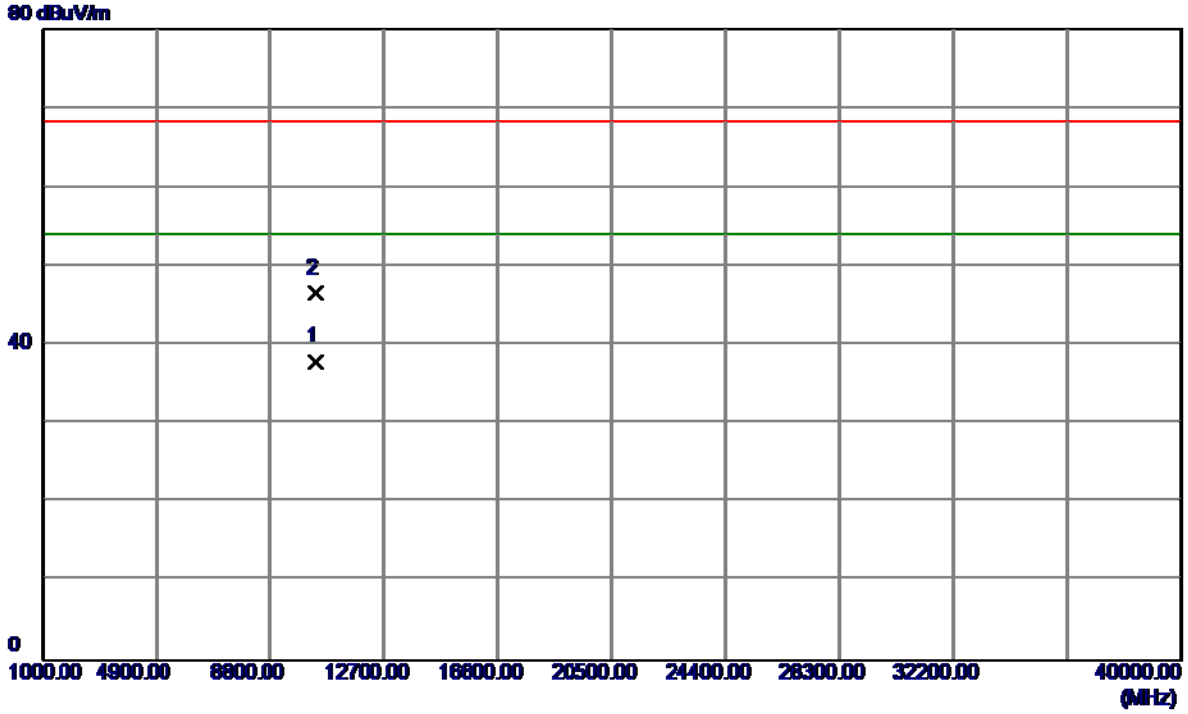
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	15.38	37.89	53.27	68.30	-15.03	Peak	No Limit
2	5150.0000	3.23	37.89	41.12	54.00	-12.88	AVG	No Limit
3	5182.5000	51.03	38.04	89.07	54.00	35.07	AVG	
4	5183.2000	60.28	38.04	98.32	68.30	30.02	Peak	

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

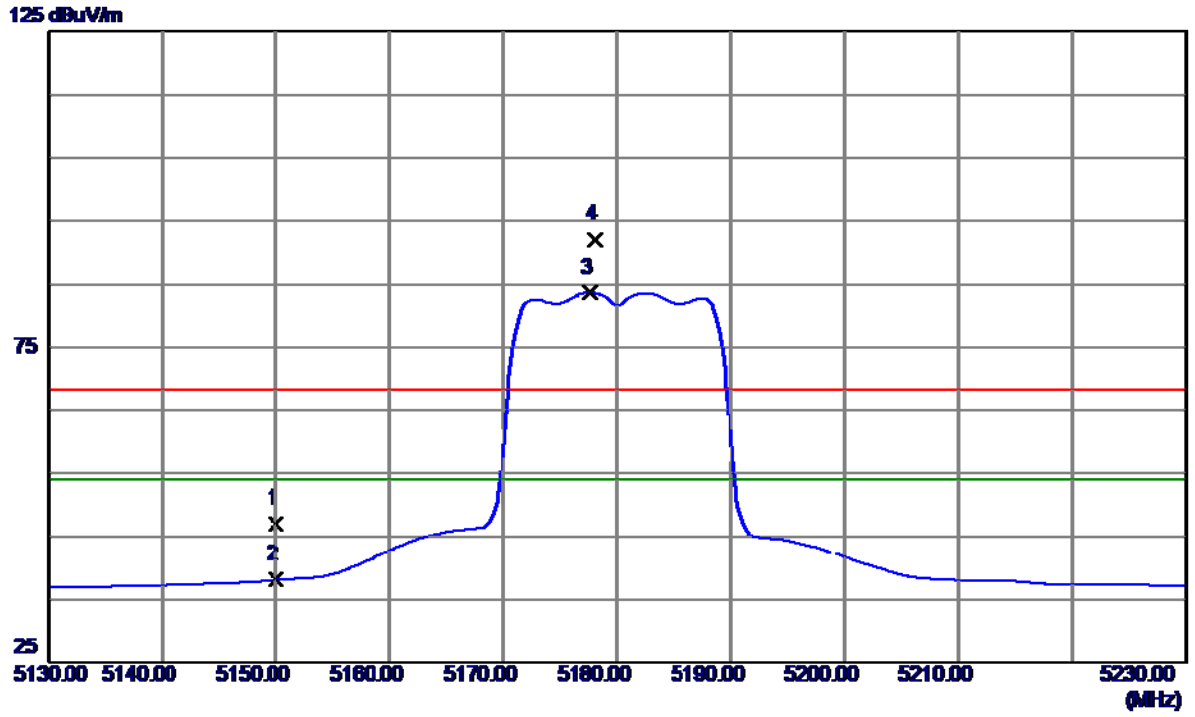
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10362.6000	26.81	11.10	37.91	54.00	-16.09	AVG	
2	10363.1000	35.43	11.10	46.53	68.30	-21.77	Peak	

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

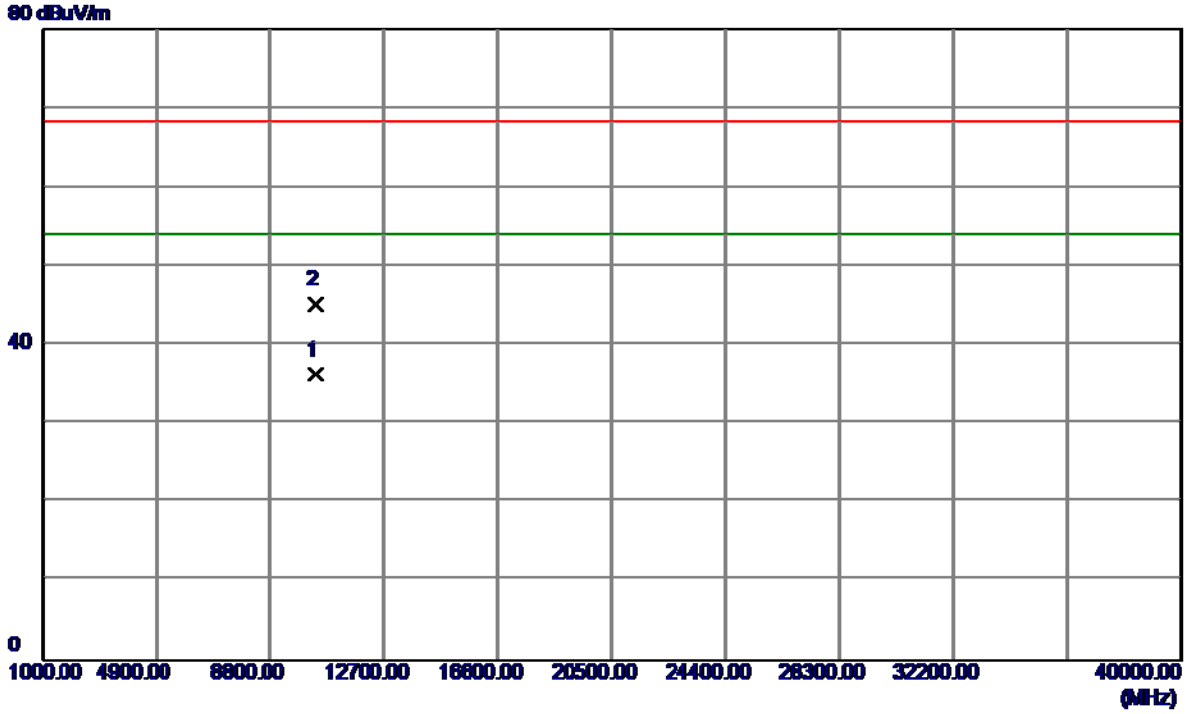
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.13	37.89	47.02	68.30	-21.28	Peak	
2	5150.0000	0.22	37.89	38.11	54.00	-15.89	AVG	
3	5177.7000	45.55	38.02	83.57	54.00	29.57	AVG	No Limit
4	5178.1000	54.00	38.02	92.02	68.30	23.72	Peak	No Limit

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

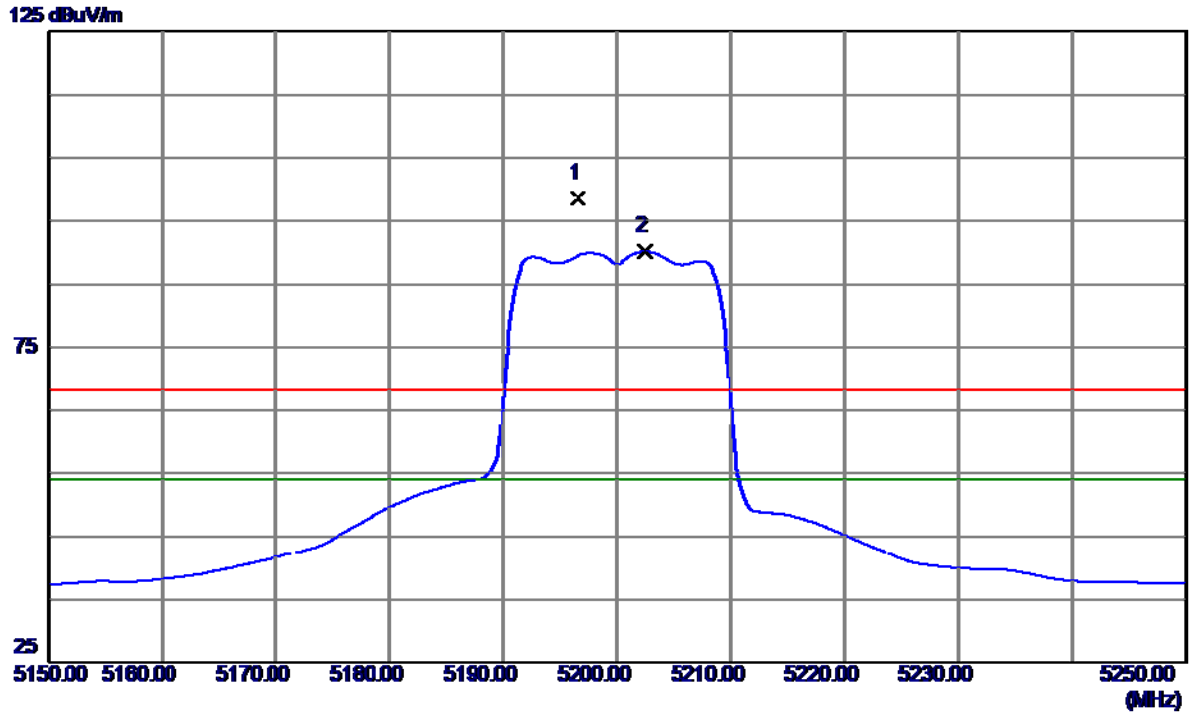
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10362.0000	25.14	11.10	36.24	54.00	-17.76	AVG	
2	10364.8000	34.09	11.10	45.19	68.30	-23.11	Peak	

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

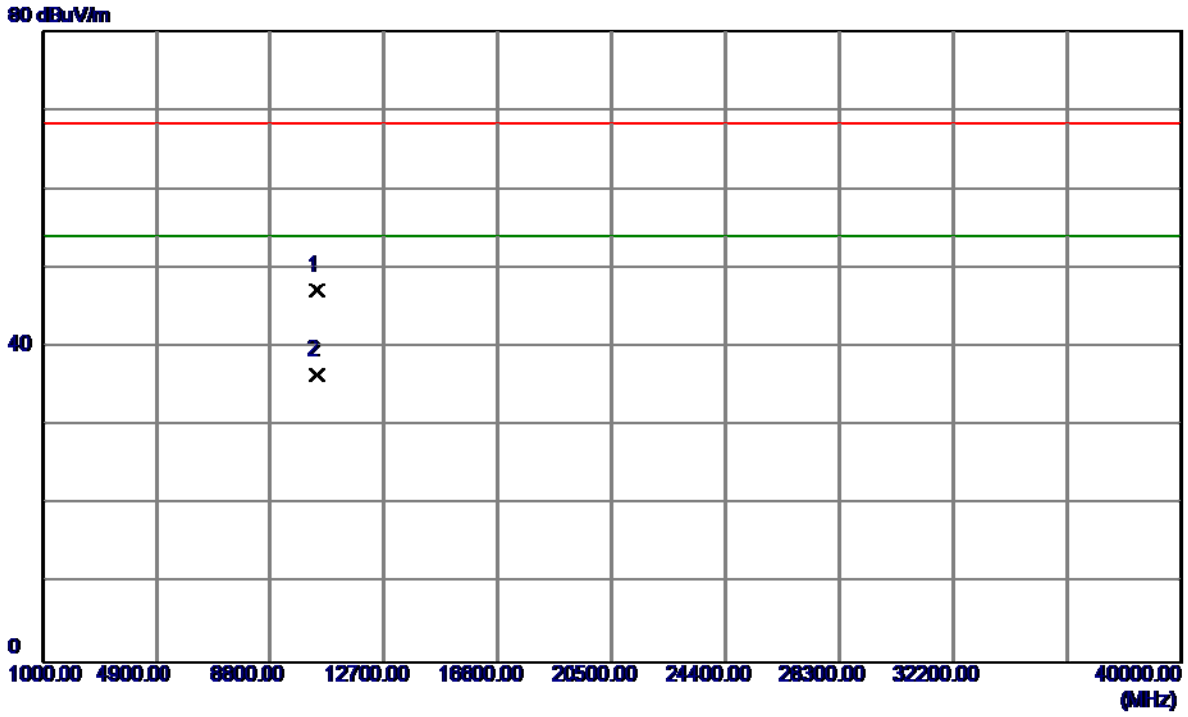
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5196.6000	60.56	38.10	98.66	68.30	30.36	Peak	No Limit
2	5202.4000	52.04	38.12	90.16	54.00	36.16	AVG	No Limit

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

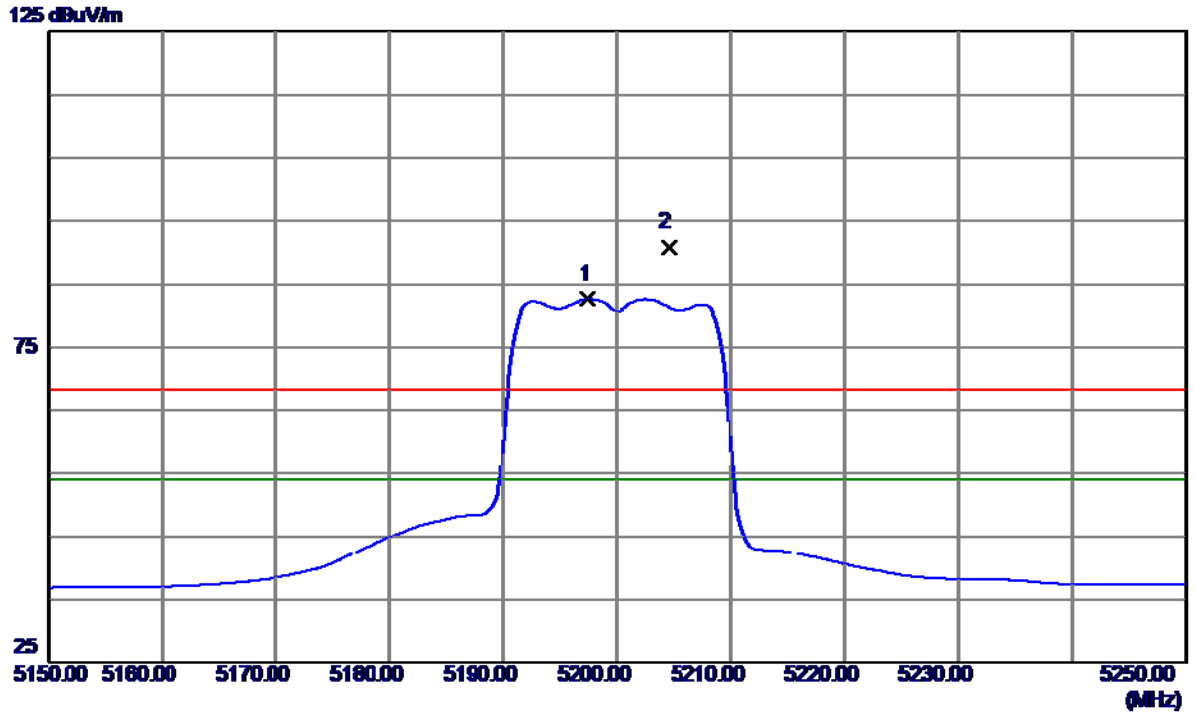
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10395.2000	36.18	11.06	47.24	68.30	-21.06	Peak	
2	10399.8000	25.38	11.05	36.43	54.00	-17.57	AVG	

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

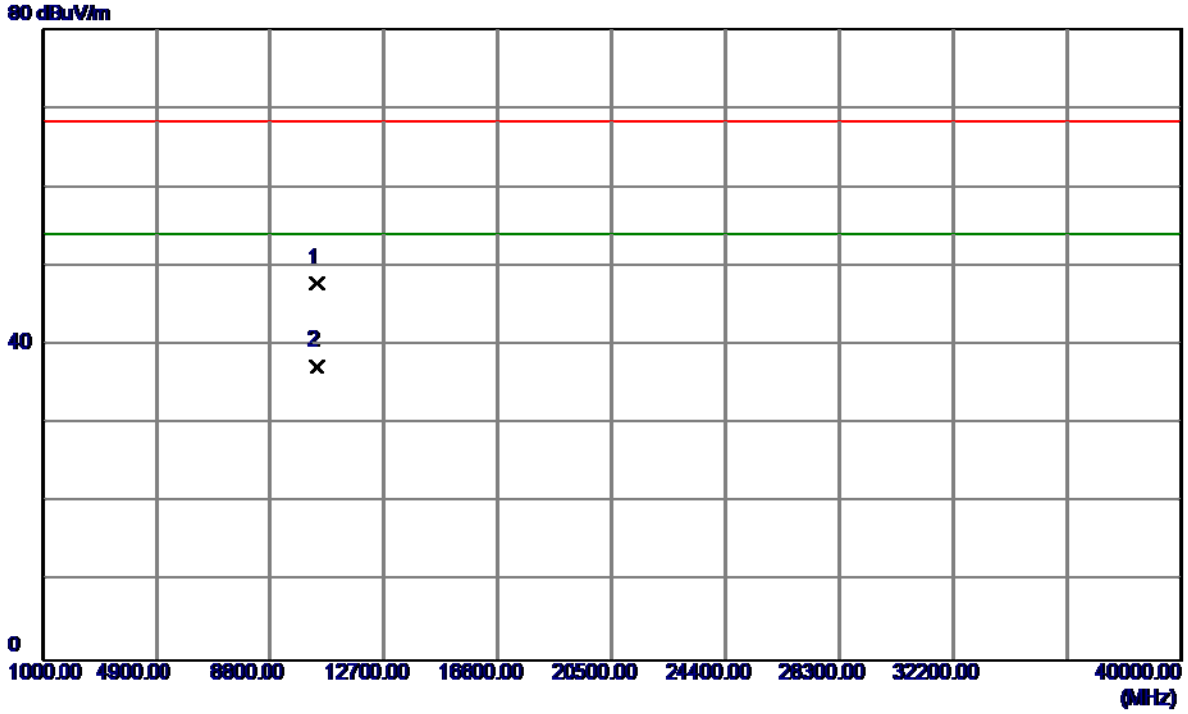
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5197.5000	44.42	38.10	82.52	54.00	28.52	AVG	No Limit
2	5204.5000	52.71	38.13	90.84	68.30	22.54	Peak	No Limit

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

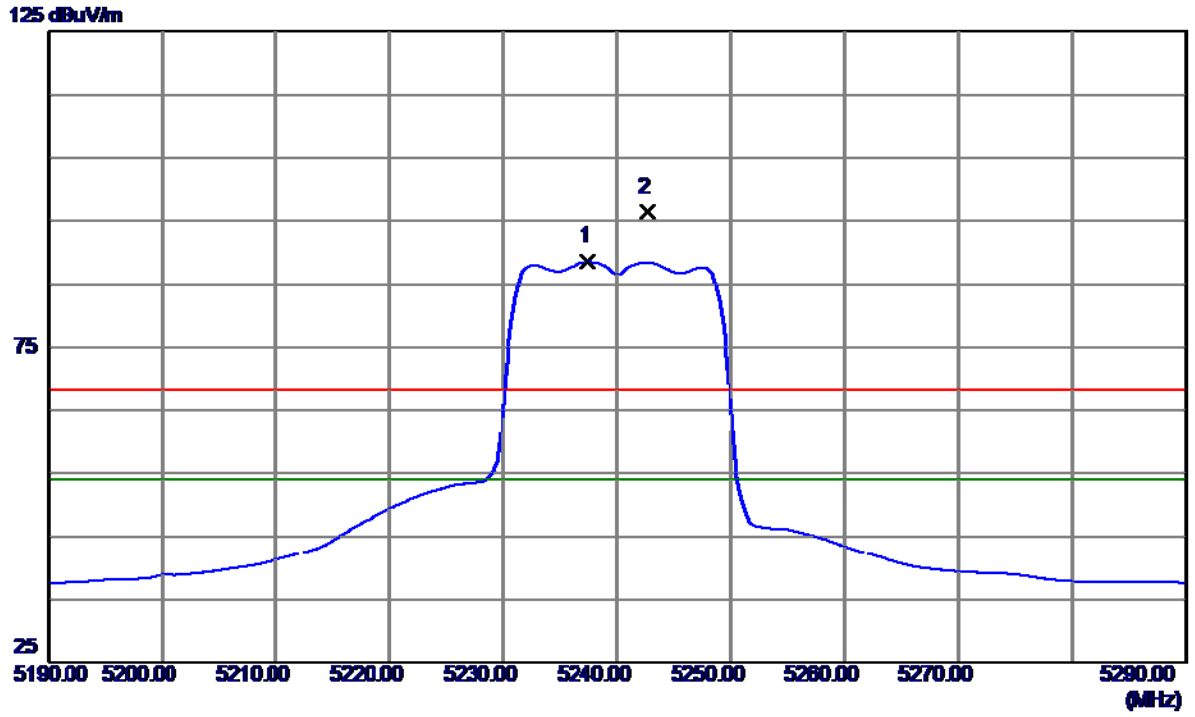
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10397.2000	36.82	11.05	47.87	68.30	-20.43	Peak	
2	10399.7000	26.31	11.05	37.36	54.00	-16.64	AVG	

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

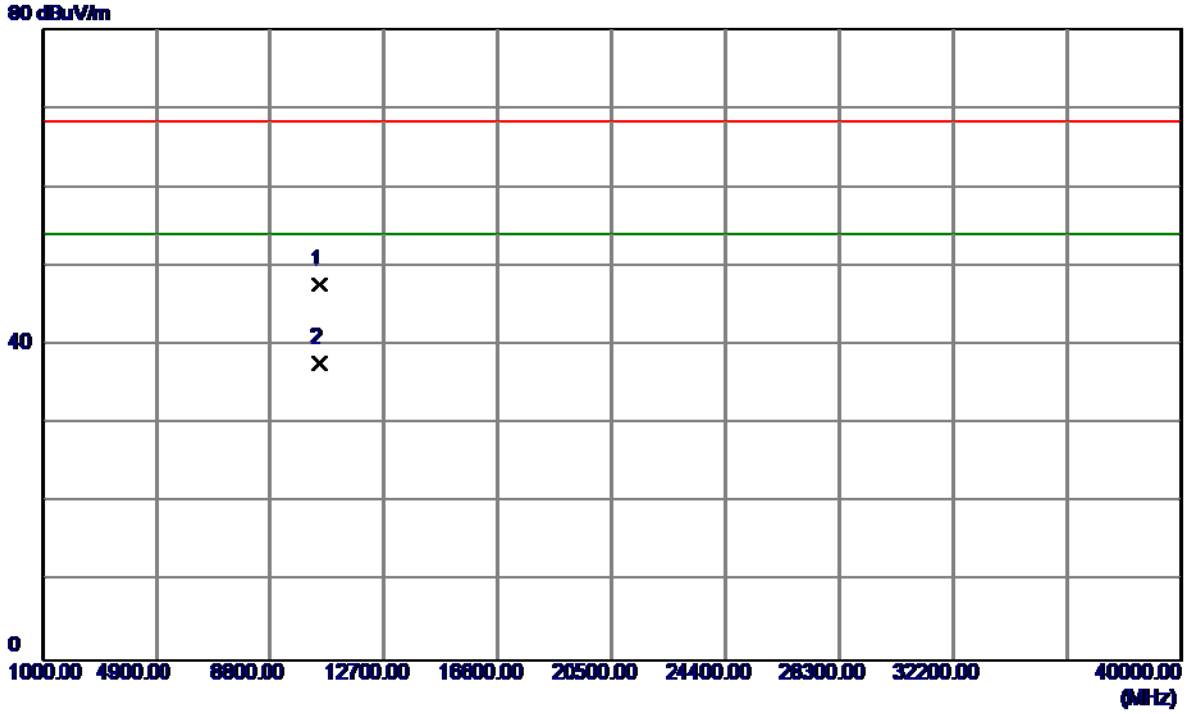
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5237.5000	50.24	38.28	88.52	54.00	34.52	AVG	No Limit
2	5242.7000	58.16	38.30	96.46	68.30	28.16	Peak	No Limit

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

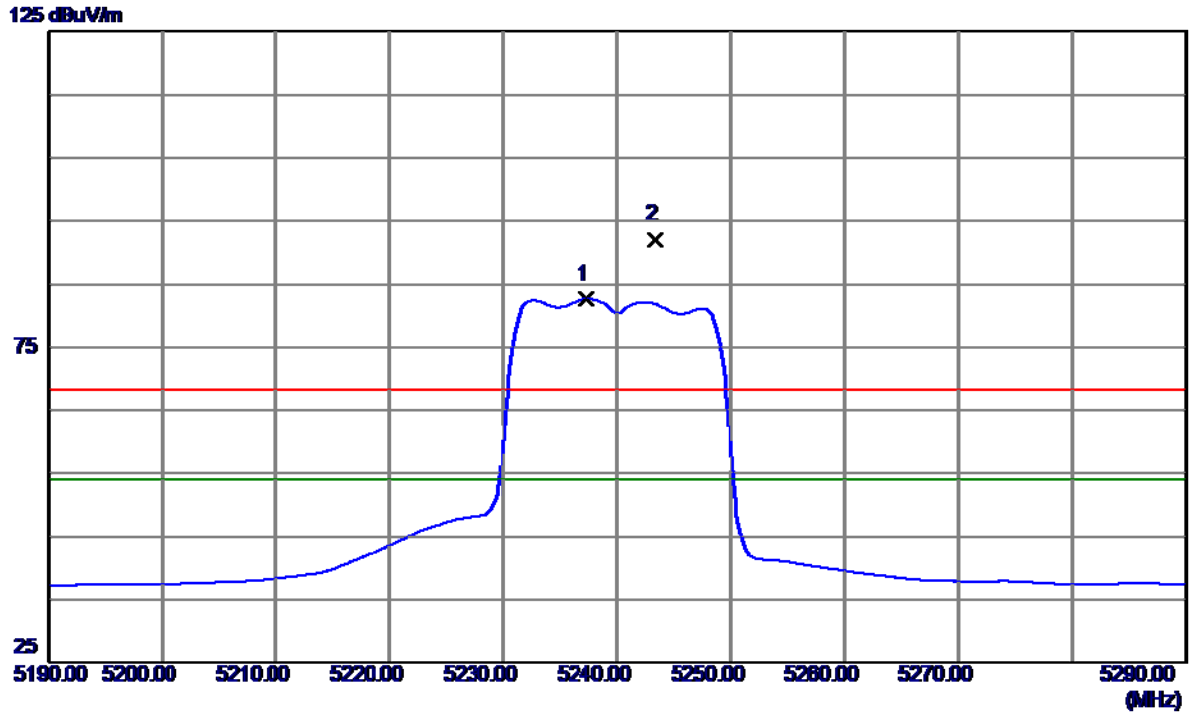
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.4000	36.77	10.94	47.71	68.30	-20.59	Peak	
2	10483.0000	26.78	10.93	37.71	54.00	-16.29	AVG	

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

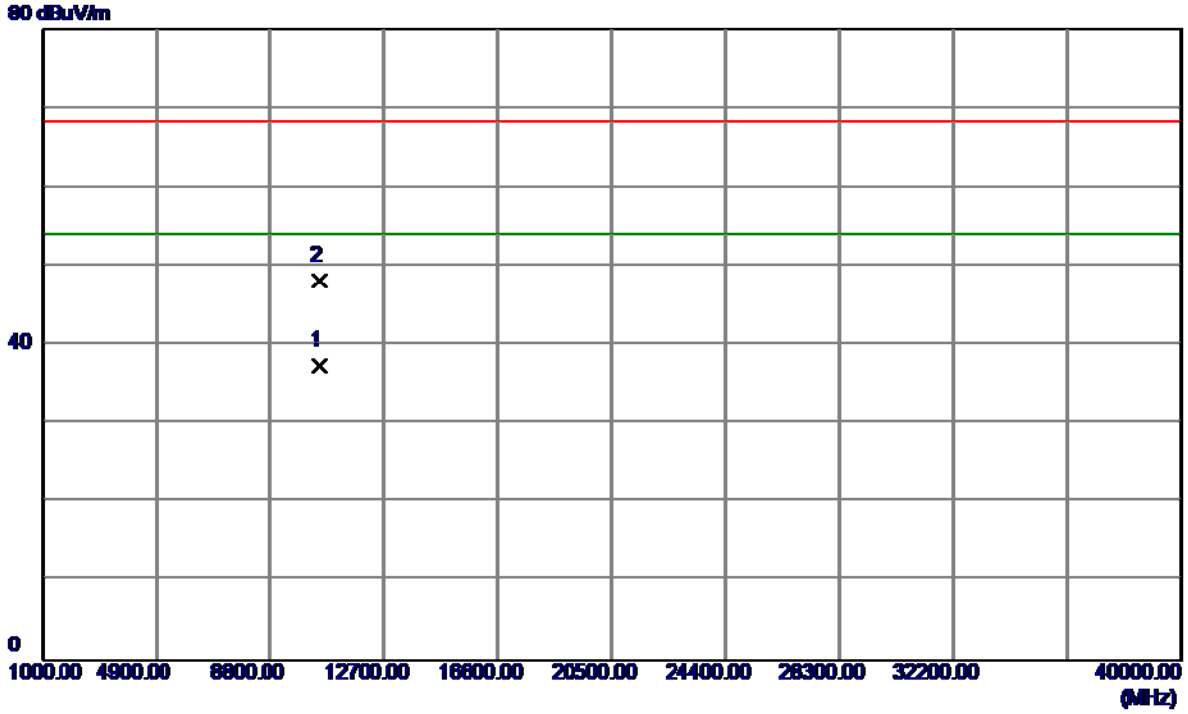
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5237.3000	44.27	38.28	82.55	54.00	28.55	AVG	No Limit
2	5243.3000	53.66	38.31	91.97	68.30	23.67	Peak	No Limit

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

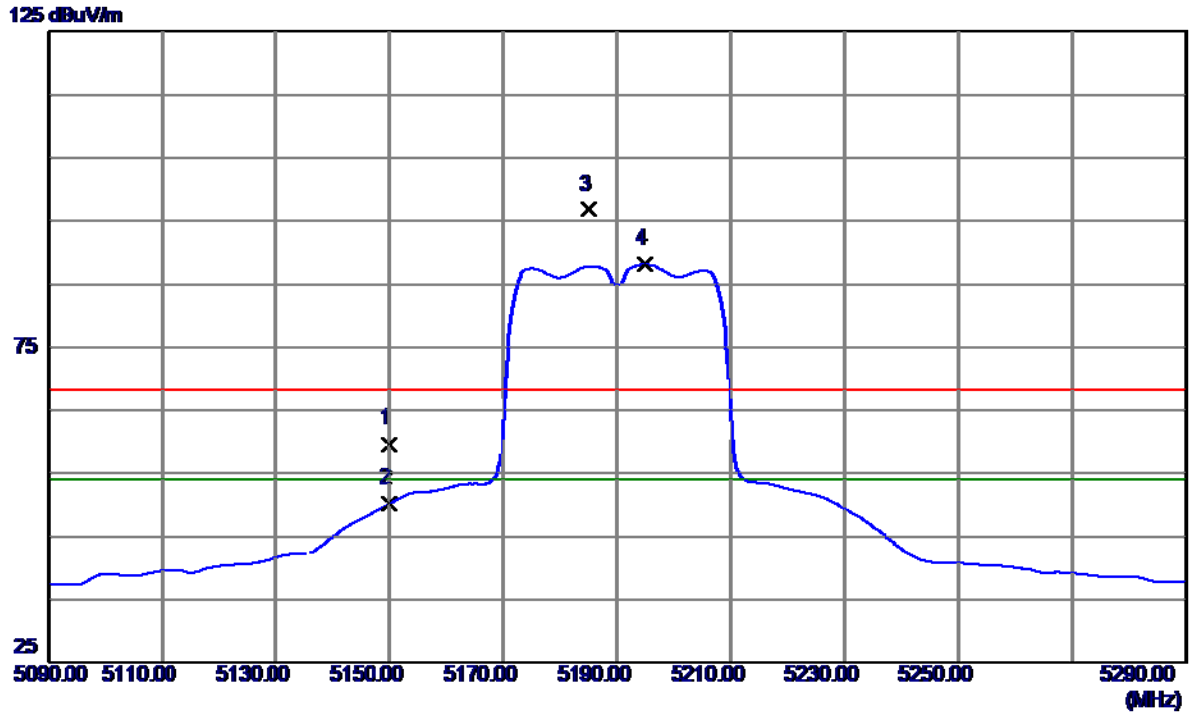
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10482.7000	26.50	10.93	37.43	54.00	-16.57	AVG	
2	10484.1000	37.18	10.93	48.11	68.30	-20.19	Peak	

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

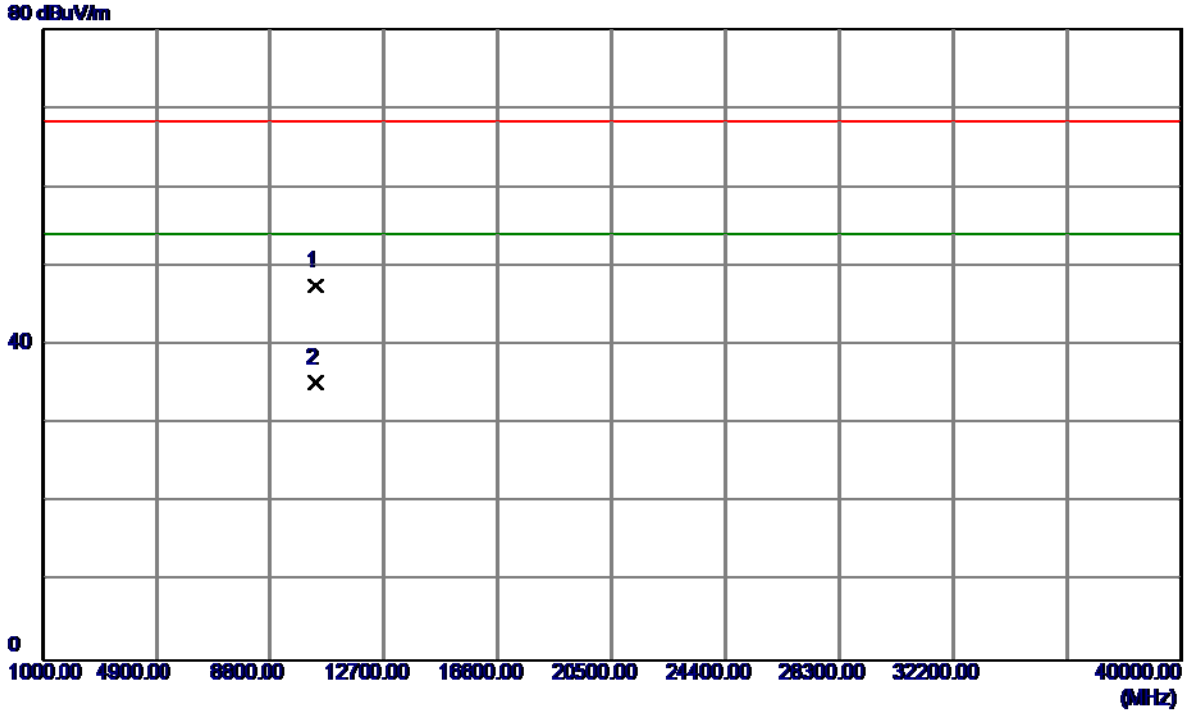
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.81	37.89	59.70	68.30	-8.60	Peak	
2	5150.0000	12.23	37.89	50.12	54.00	-3.88	AVG	
3	5185.2000	58.75	38.05	96.80	68.30	28.50	Peak	No Limit
4	5194.8000	50.06	38.09	88.15	54.00	34.15	AVG	No Limit

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

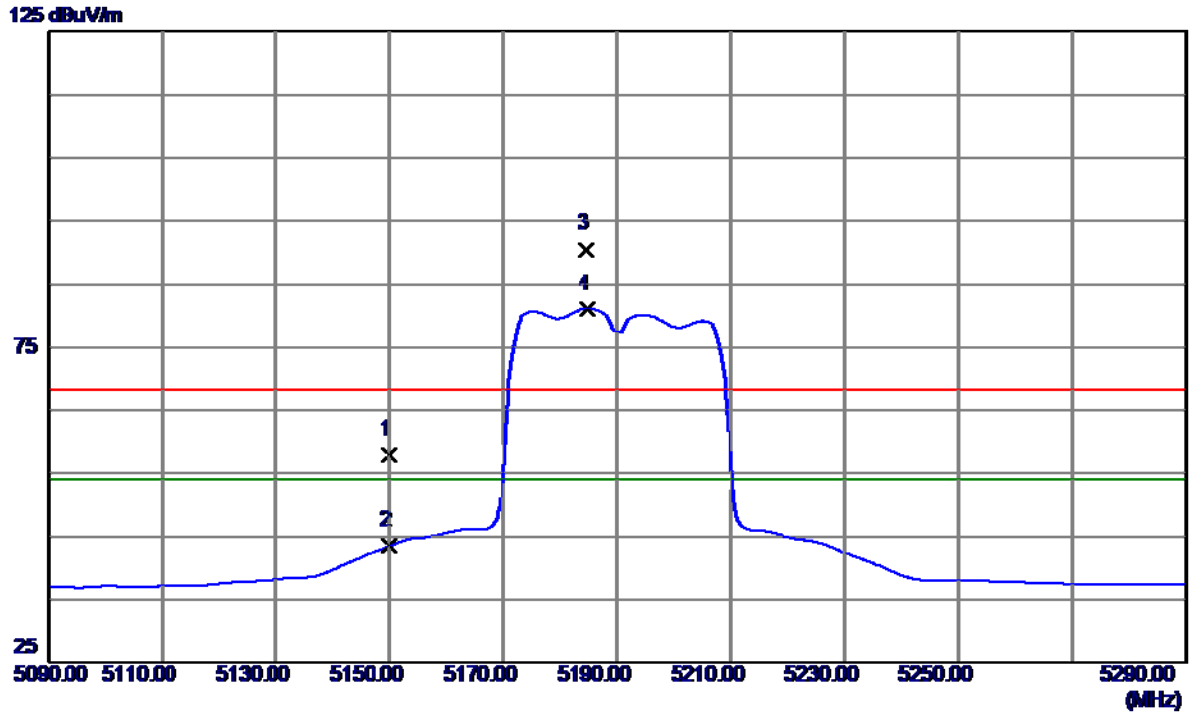
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10376.0000	36.48	11.08	47.56	68.30	-20.74	Peak	
2	10381.2000	24.11	11.08	35.19	54.00	-18.81	AVG	

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

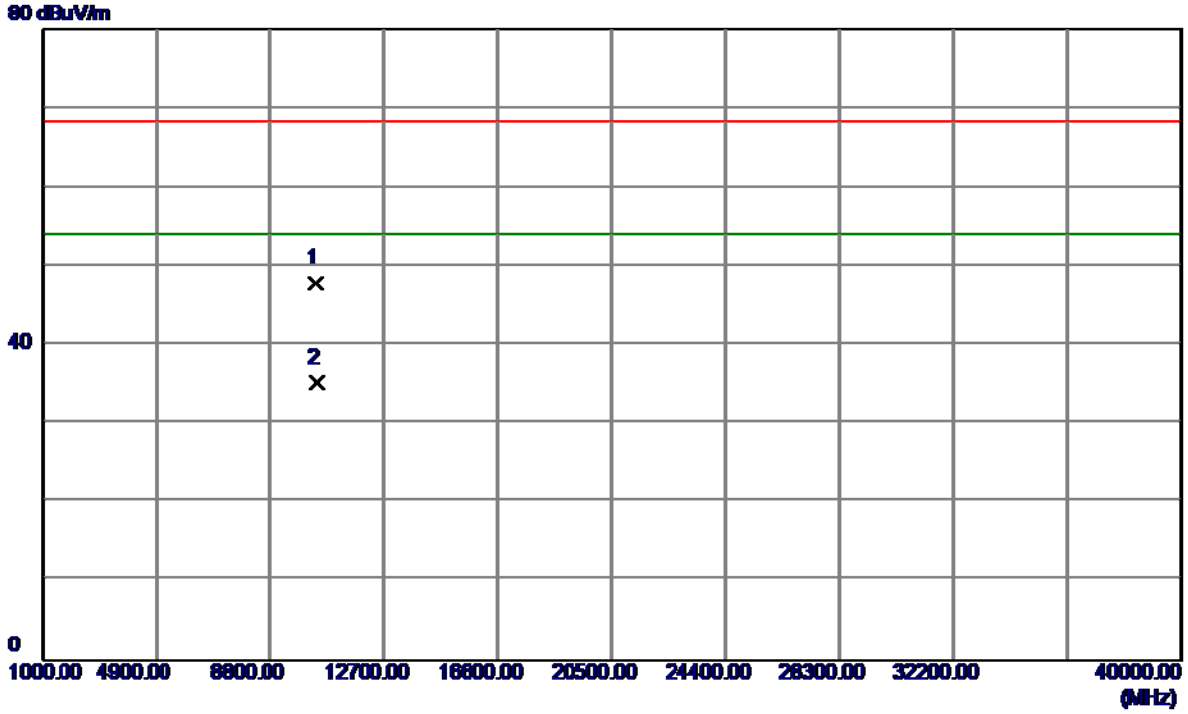
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.14	37.89	58.03	68.30	-10.27	Peak	
2	5150.0000	5.63	37.89	43.52	54.00	-10.48	AVG	
3	5184.6000	52.45	38.05	90.50	68.30	22.20	Peak	No Limit
4	5184.8000	43.01	38.05	81.06	54.00	27.06	AVG	No Limit

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

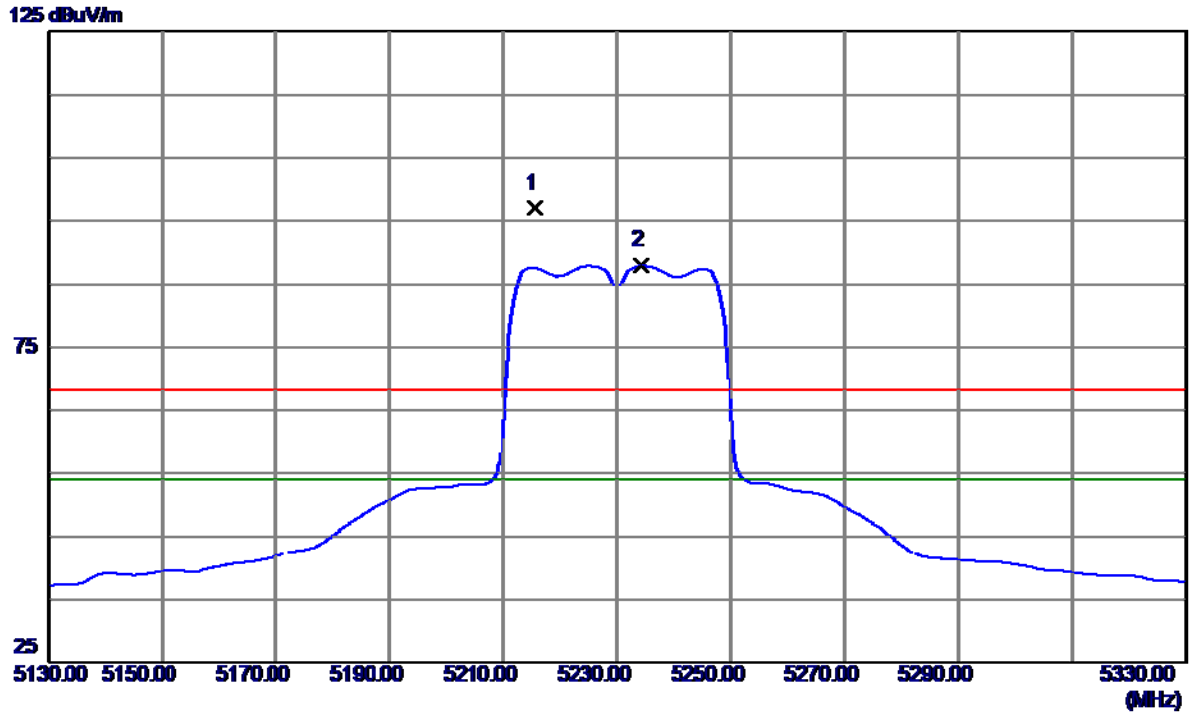
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.6000	36.84	11.08	47.92	68.30	-20.38	Peak	
2	10382.6000	24.10	11.07	35.17	54.00	-18.83	AVG	

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

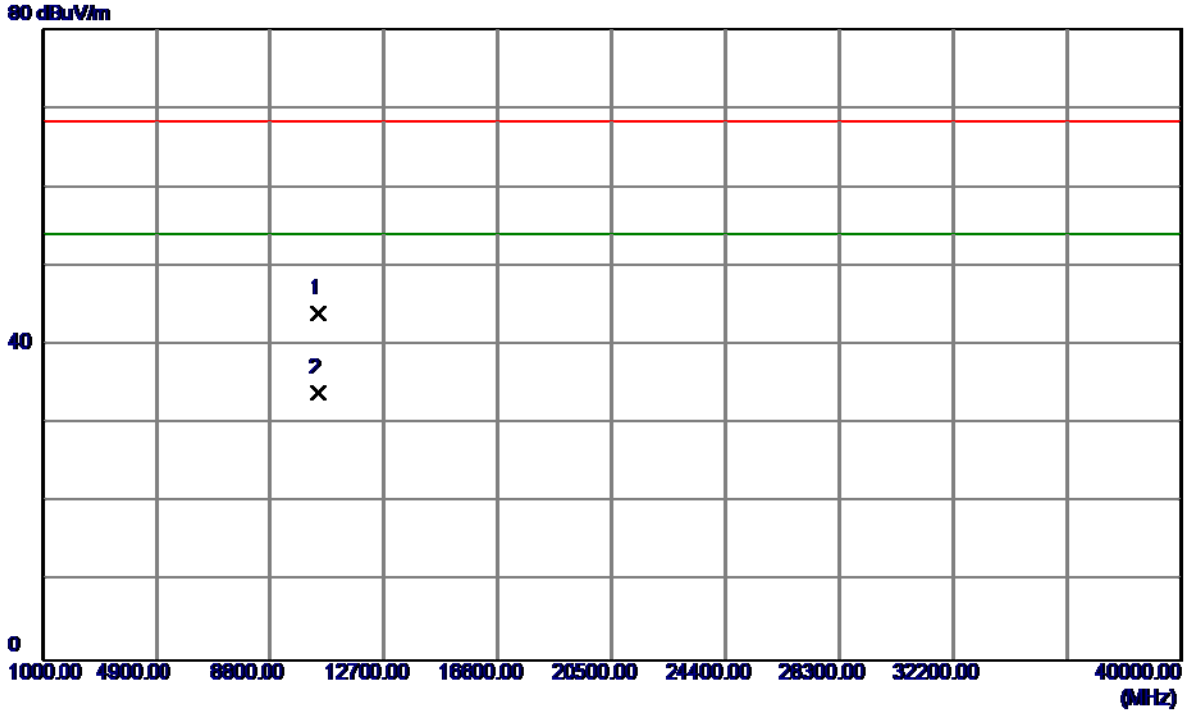
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5215.6000	58.74	38.18	96.92	68.30	28.62	Peak	No Limit
2	5234.2000	49.66	38.27	87.93	54.00	33.93	AVG	No Limit

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

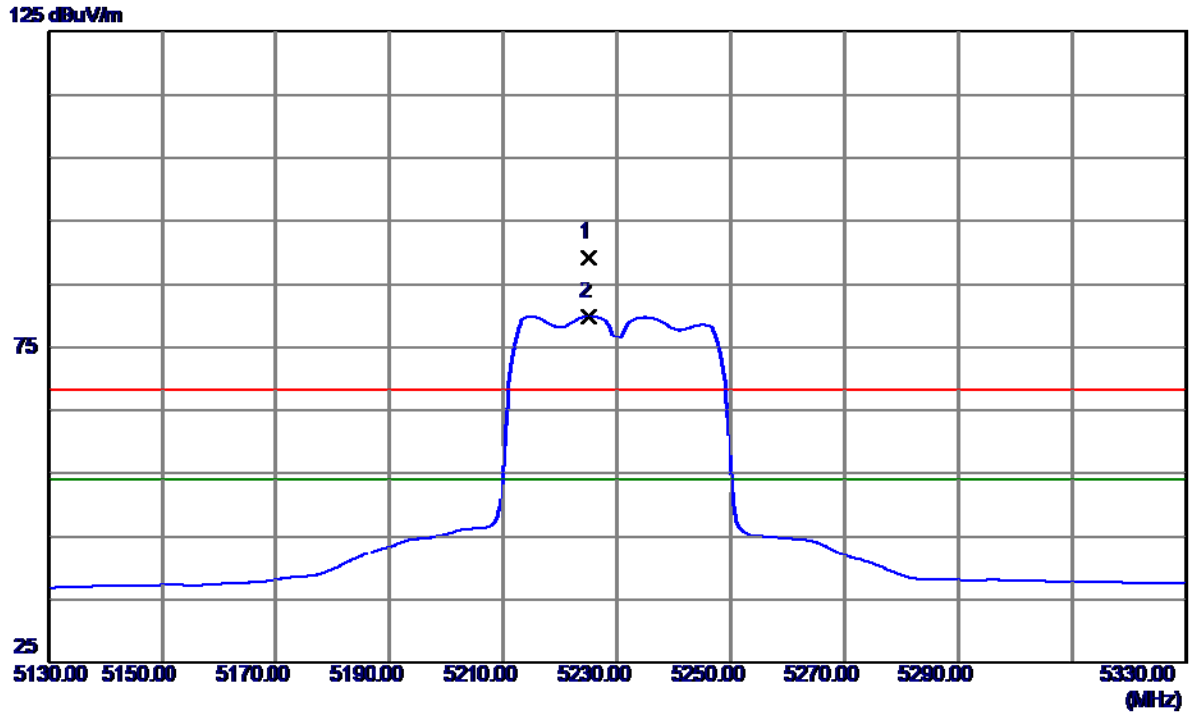
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.2000	33.01	10.97	43.98	68.30	-24.32	Peak	
2	10461.3000	23.03	10.96	33.99	54.00	-20.01	AVG	

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

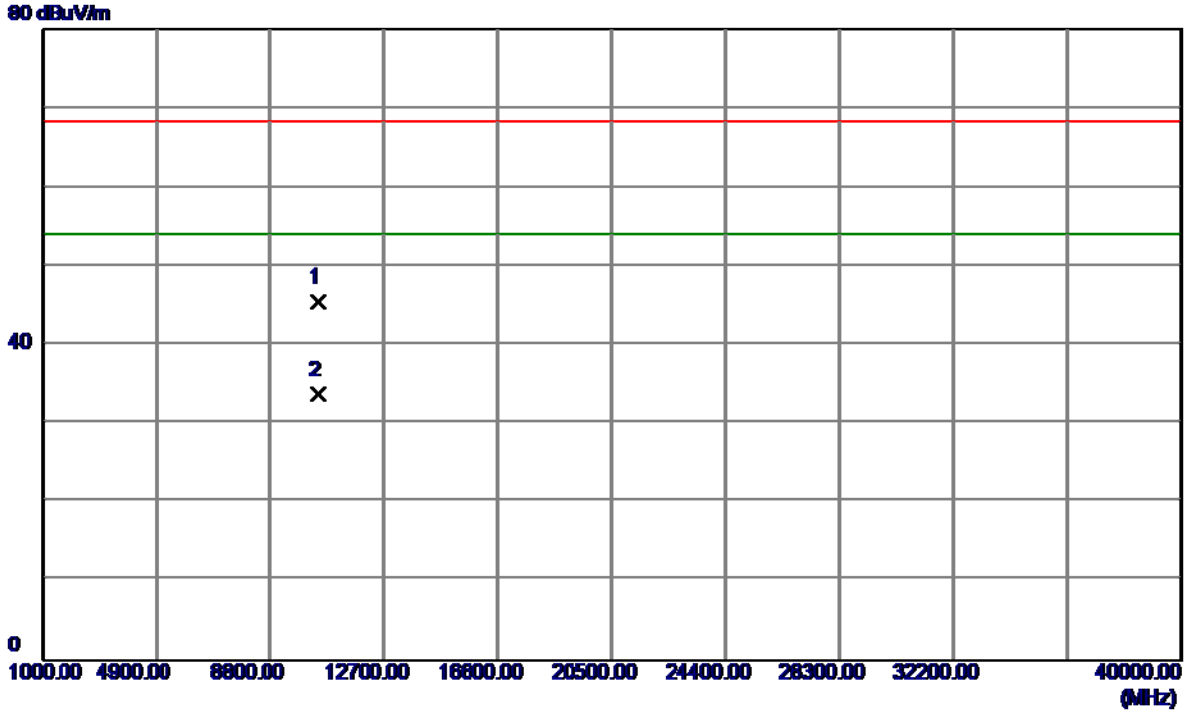
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5225.2000	50.90	38.23	89.13	68.30	20.83	Peak	No Limit
2	5225.2000	41.64	38.23	79.87	54.00	25.87	AVG	No Limit

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

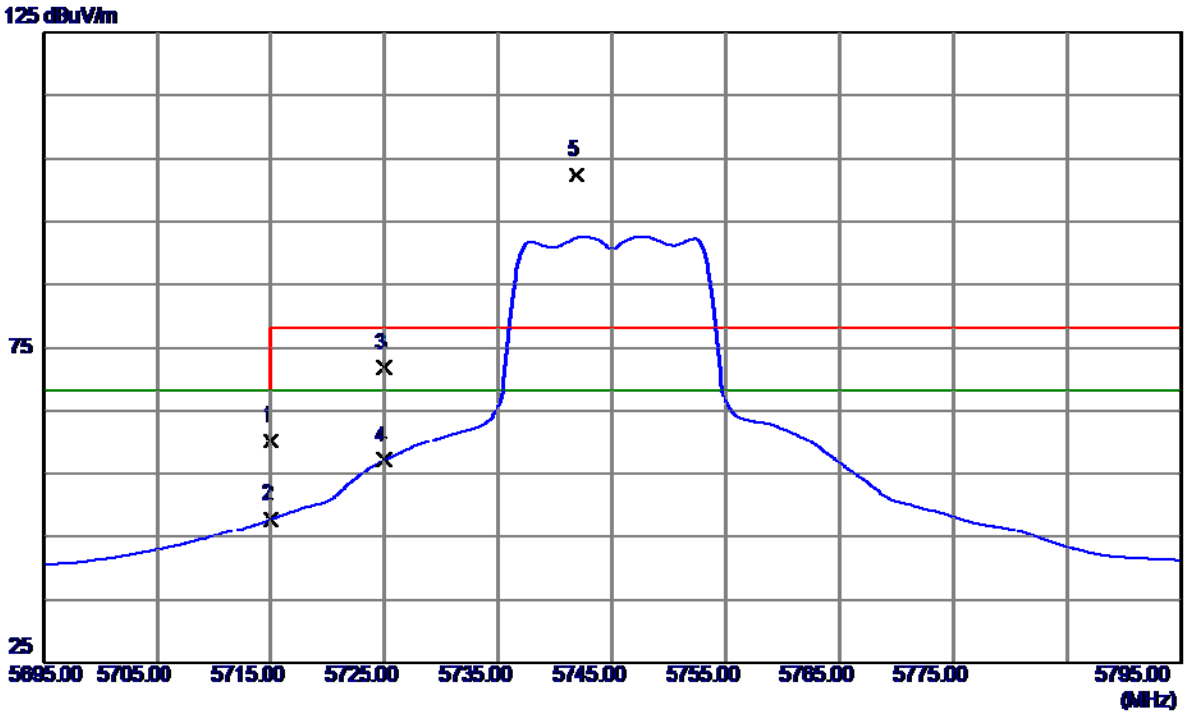
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.5000	34.40	10.97	45.37	68.30	-22.93	Peak	
2	10461.2000	22.72	10.96	33.68	54.00	-20.32	AVG	

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

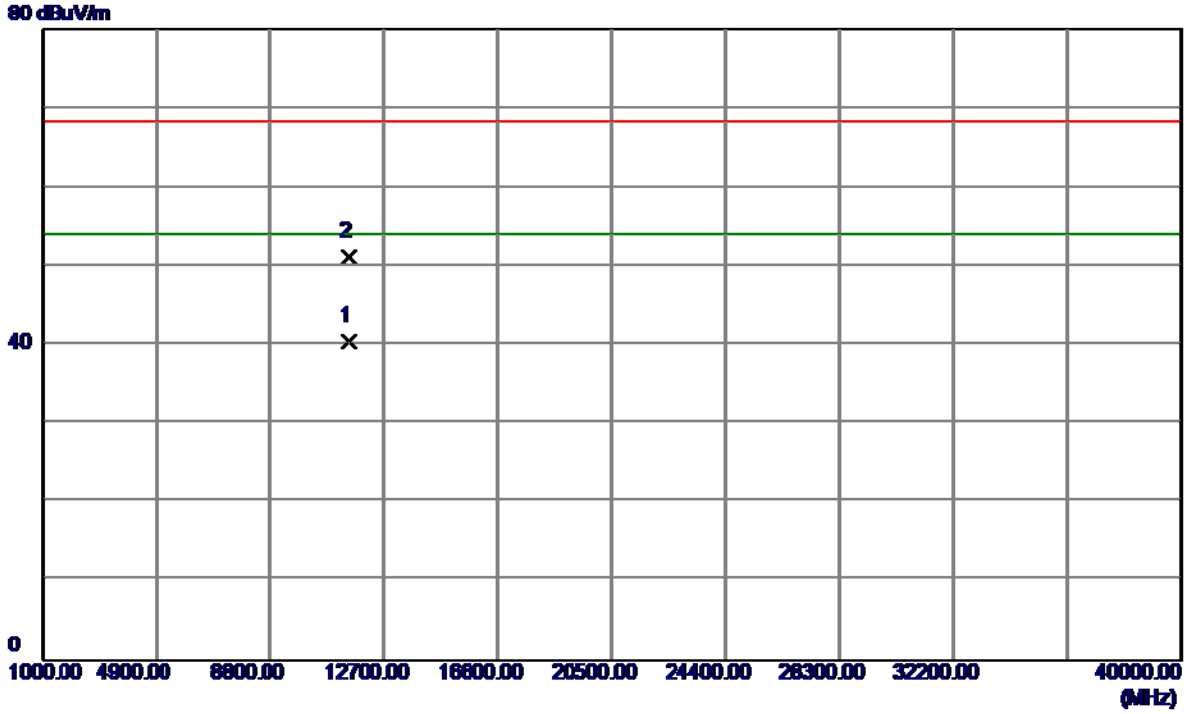
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	19.64	40.54	60.18	68.30	-8.12	Peak	
2	5715.0000	7.24	40.54	47.78	68.30	-20.52	AVG	
3	5725.0000	31.21	40.59	71.80	78.30	-6.50	Peak	
4	5725.0000	16.51	40.59	57.10	68.30	-11.20	AVG	No Limit
5	5741.9000	61.72	40.68	102.40	78.30	24.10	Peak	No Limit

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

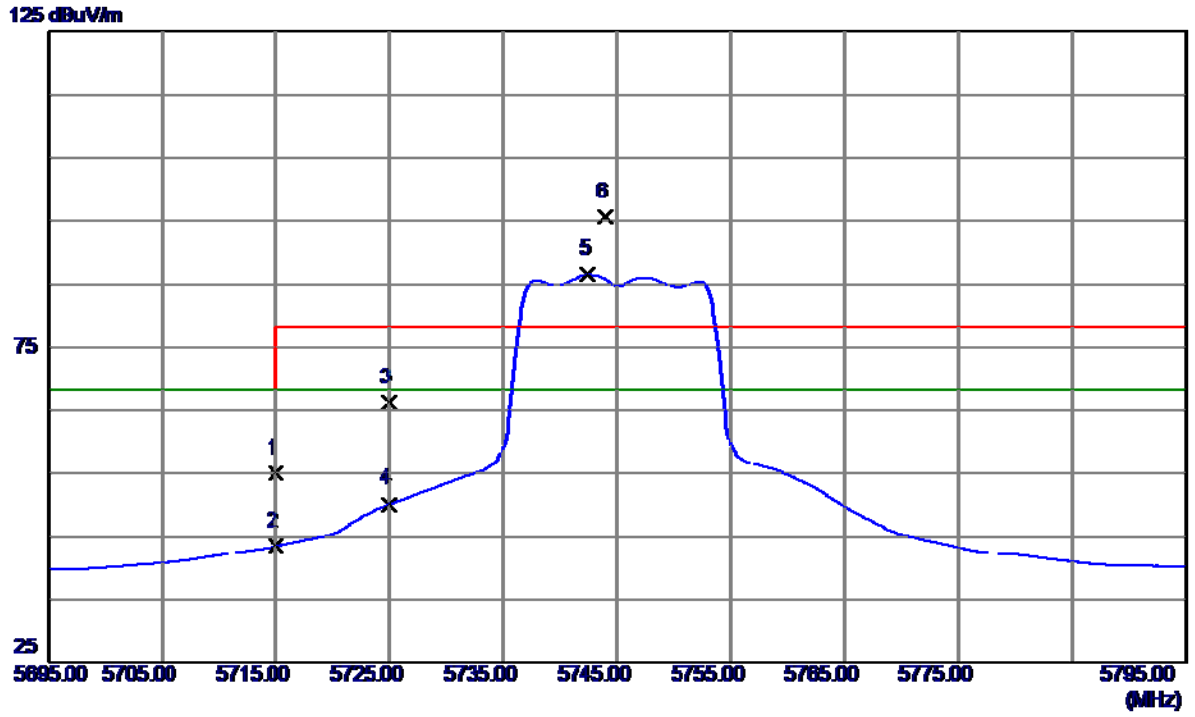
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11491.1000	27.59	12.91	40.50	54.00	-13.50	AVG	
2	11491.5000	38.24	12.91	51.15	68.30	-17.15	Peak	

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

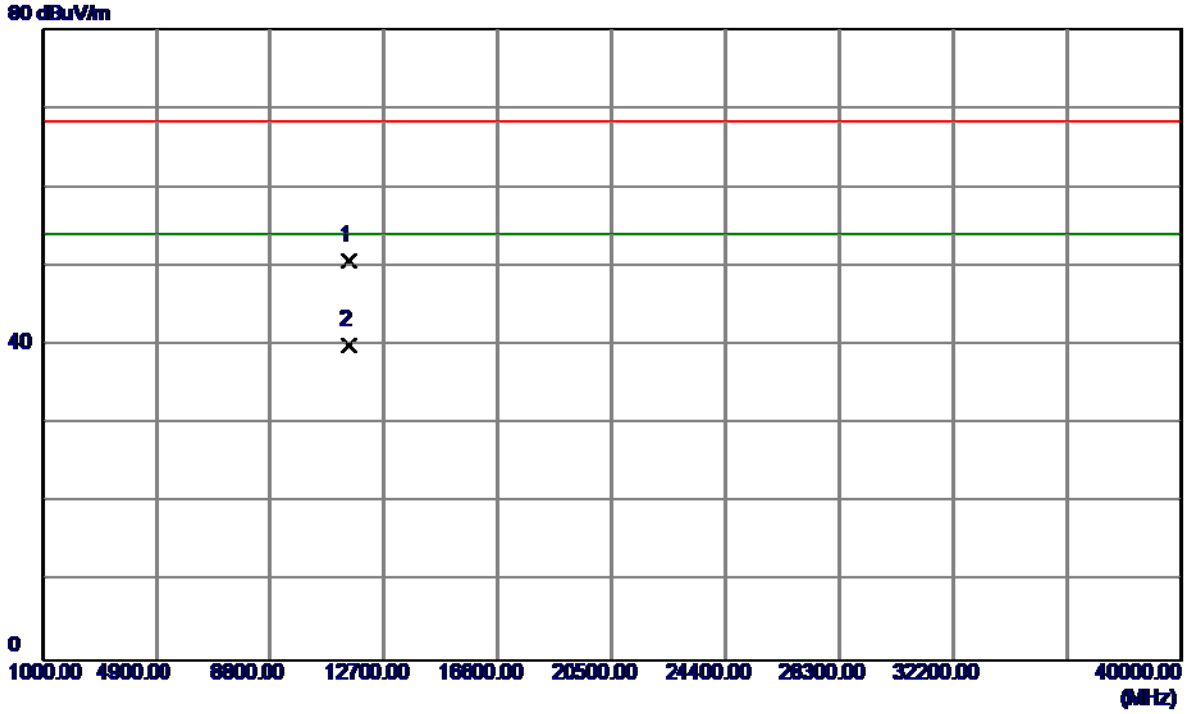
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	14.41	40.54	54.95	68.30	-13.35	Peak	
2	5715.0000	2.96	40.54	43.50	68.30	-24.80	AVG	
3	5725.0000	25.56	40.59	66.15	78.30	-12.15	Peak	
4	5725.0000	9.51	40.59	50.10	68.30	-18.20	AVG	
5	5742.5000	45.84	40.68	86.52	68.30	18.22	AVG	No Limit
6	5744.0000	54.89	40.69	95.58	78.30	17.28	Peak	No Limit

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

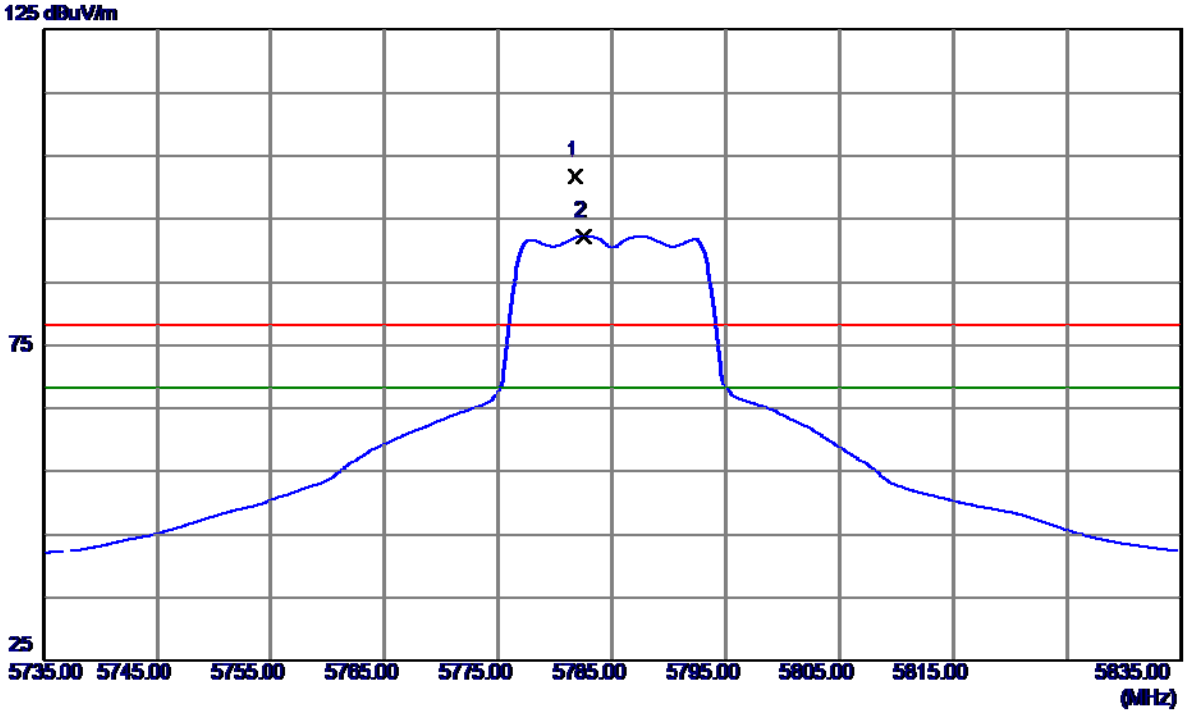
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.3000	37.74	12.91	50.65	68.30	-17.65	Peak	
2	11490.9000	27.14	12.91	40.05	54.00	-13.95	AVG	

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

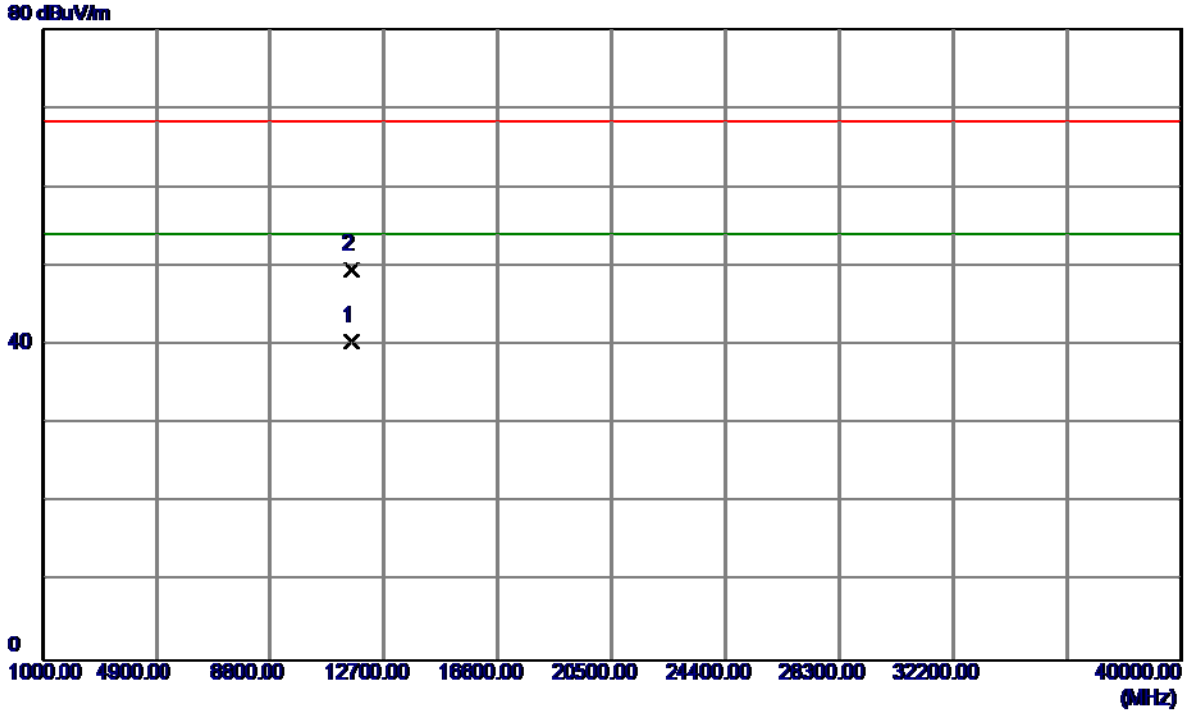
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5781.8000	60.85	40.88	101.73	78.30	23.43	Peak	No Limit
2	5782.6000	51.39	40.89	92.28	68.30	23.98	AVG	No Limit

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

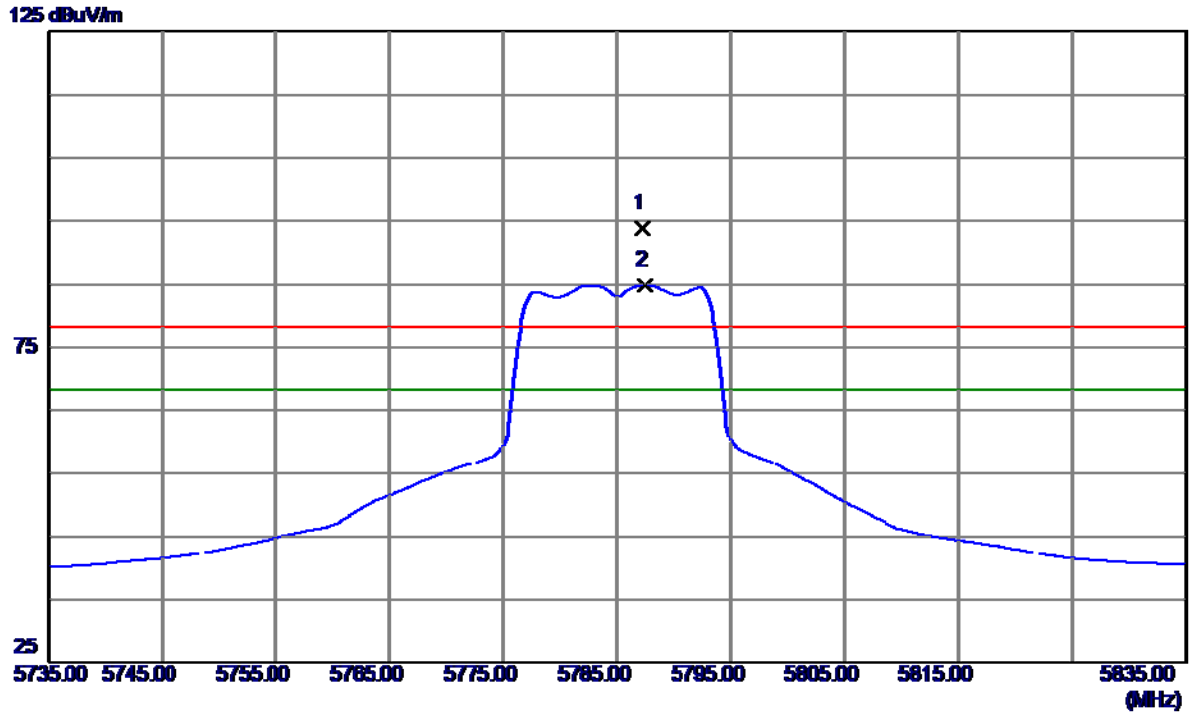
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.5000	27.61	12.89	40.50	54.00	-13.50	AVG	
2	11572.3000	36.70	12.89	49.59	68.30	-18.71	Peak	

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

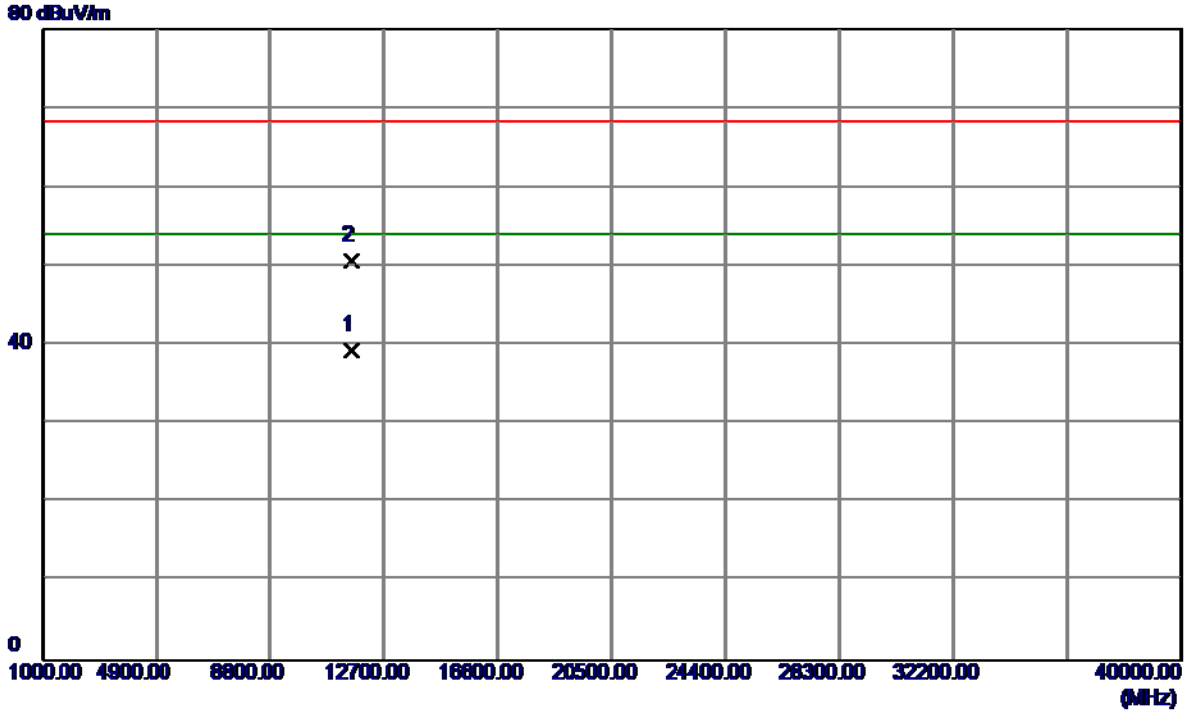
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5787.2000	52.87	40.91	93.78	78.30	15.48	Peak	No Limit
2	5787.4000	43.81	40.91	84.72	68.30	16.42	AVG	No Limit

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

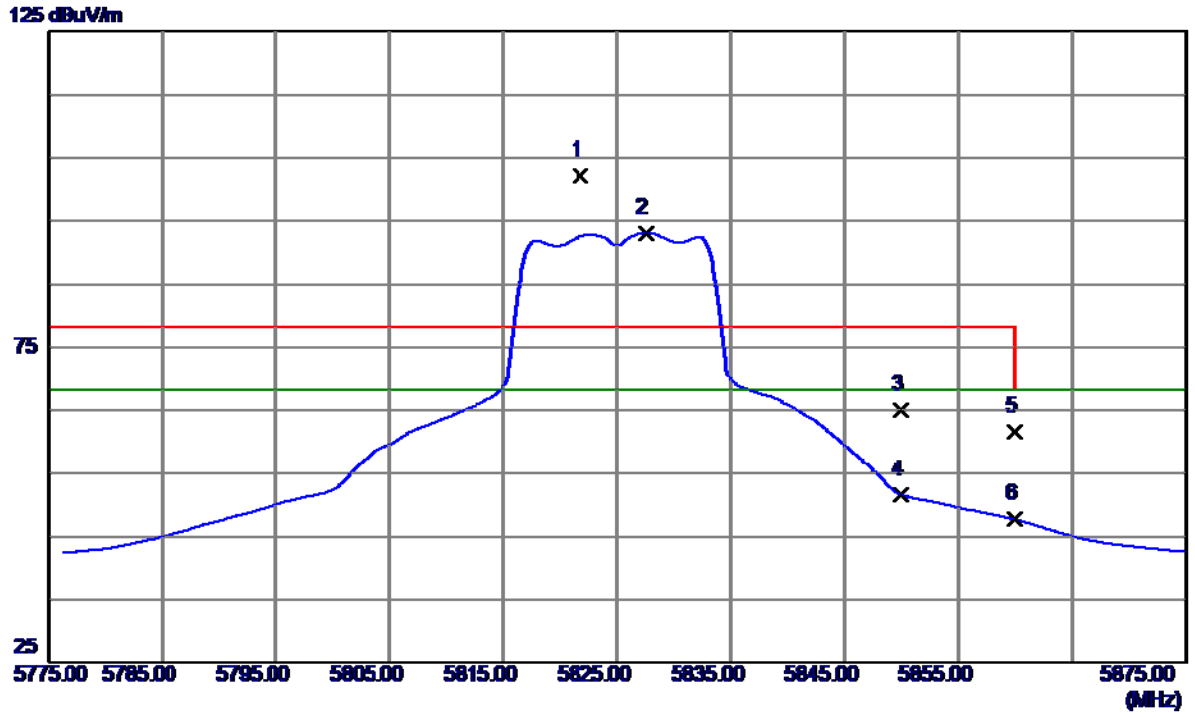
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11571.0000	26.49	12.89	39.38	54.00	-14.62	AVG	
2	11571.4000	37.86	12.89	50.75	68.30	-17.55	Peak	

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

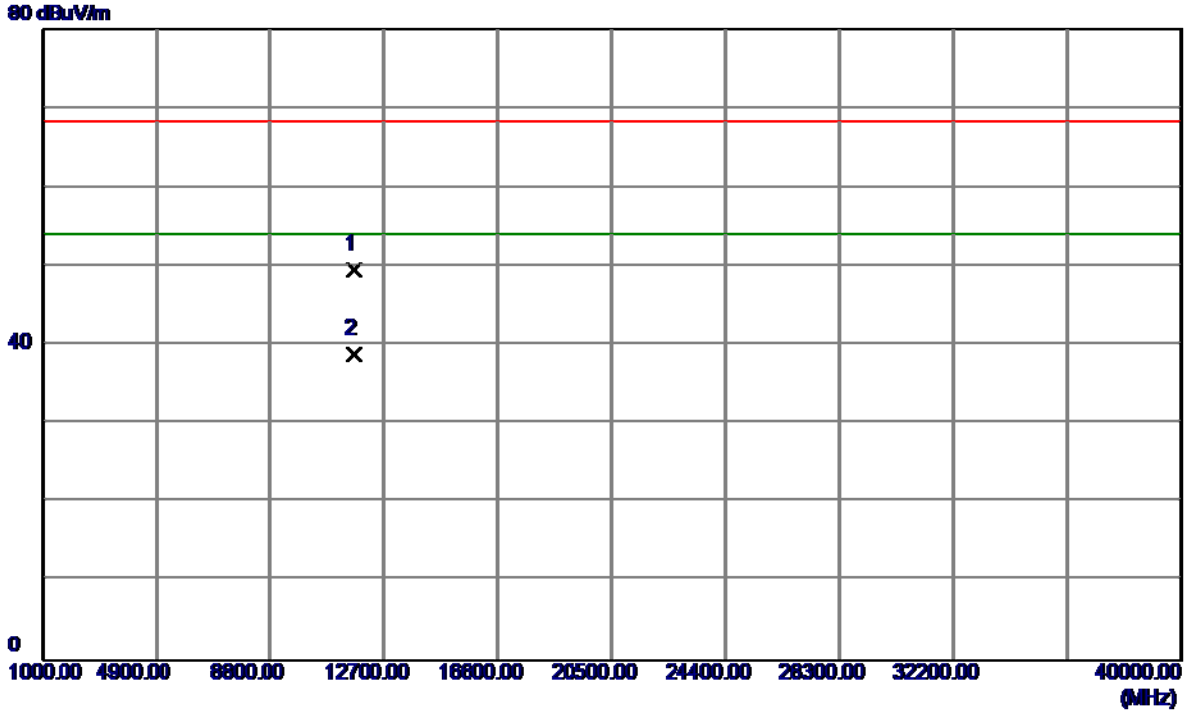
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5821.8000	61.08	41.09	102.17	78.30	23.87	Peak	No Limit
2	5827.5000	51.97	41.12	93.09	68.30	24.79	AVG	No Limit
3	5850.0000	23.86	41.23	65.09	78.30	-13.21	Peak	
4	5850.0000	10.39	41.23	51.62	68.30	-16.68	AVG	
5	5860.0000	20.27	41.28	61.55	78.30	-16.75	Peak	
6	5860.0000	6.44	41.28	47.72	68.30	-20.58	AVG	

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

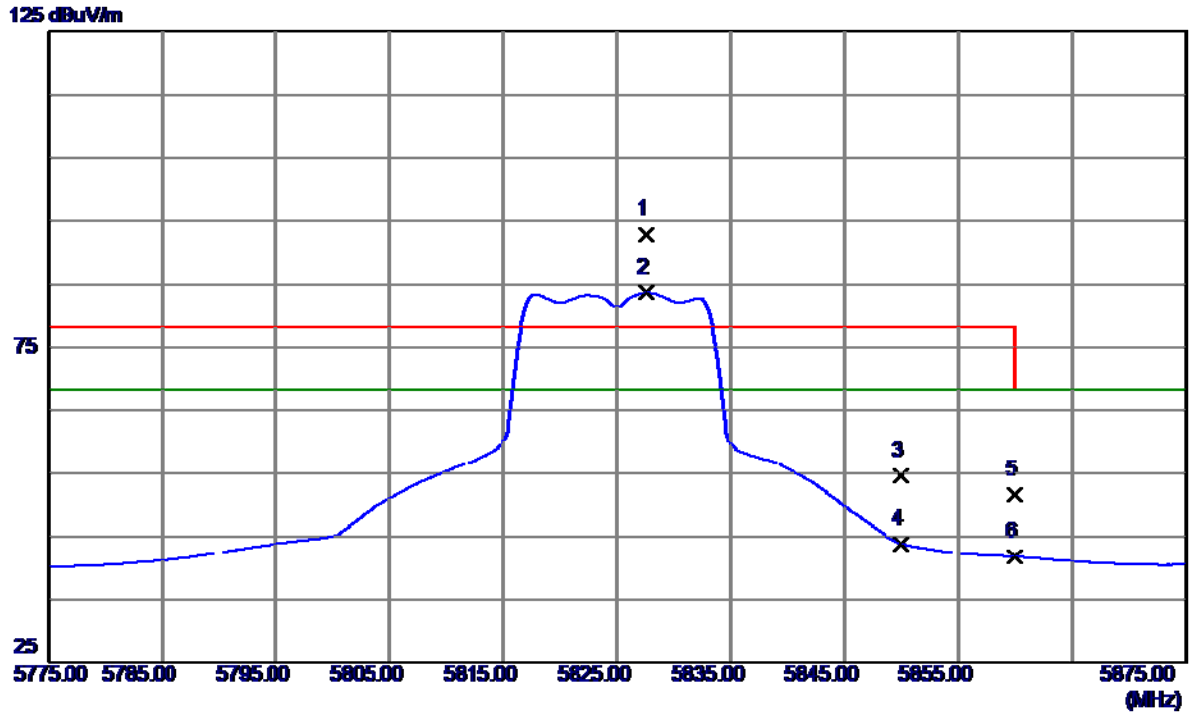
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.1000	36.77	12.84	49.61	68.30	-18.69	Peak	
2	11654.5000	26.08	12.84	38.92	54.00	-15.08	AVG	

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

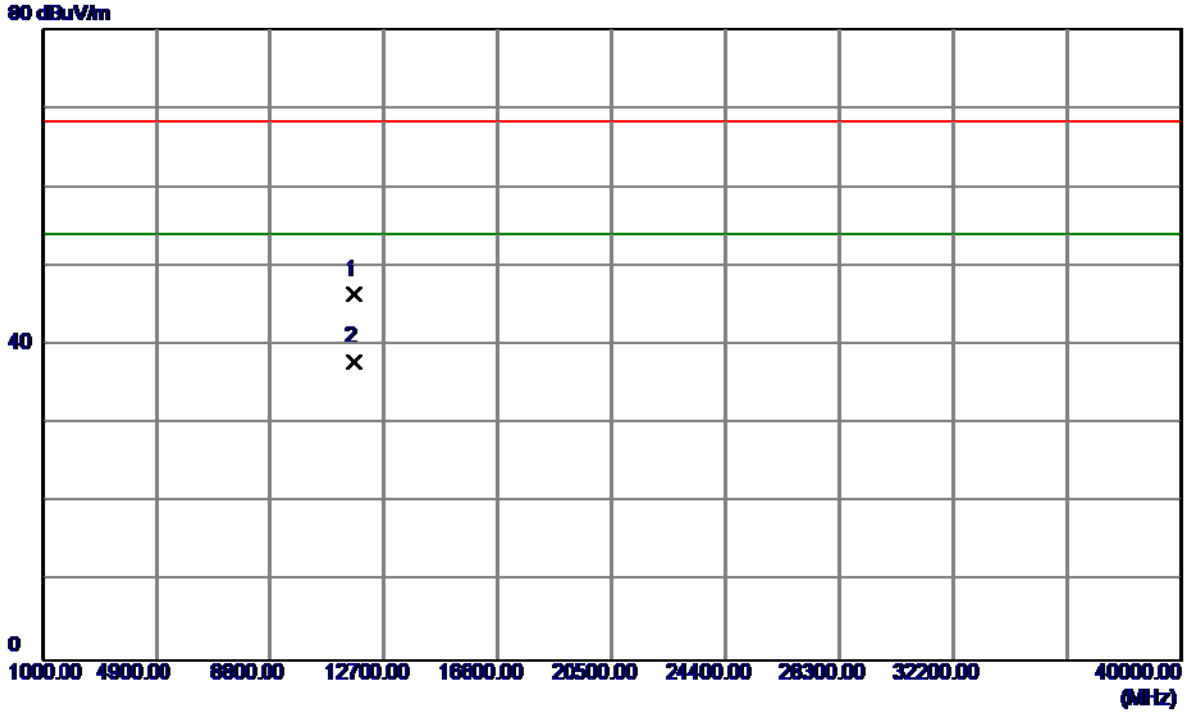
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5827.6000	51.73	41.12	92.85	78.30	14.55	Peak	No Limit
2	5827.6000	42.40	41.12	83.52	68.30	15.22	AVG	No Limit
3	5850.0000	13.30	41.23	54.53	78.30	-23.77	Peak	
4	5850.0000	2.62	41.23	43.85	68.30	-24.45	AVG	
5	5860.0000	10.28	41.28	51.56	78.30	-26.74	Peak	
6	5860.0000	0.50	41.28	41.78	68.30	-26.52	AVG	

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

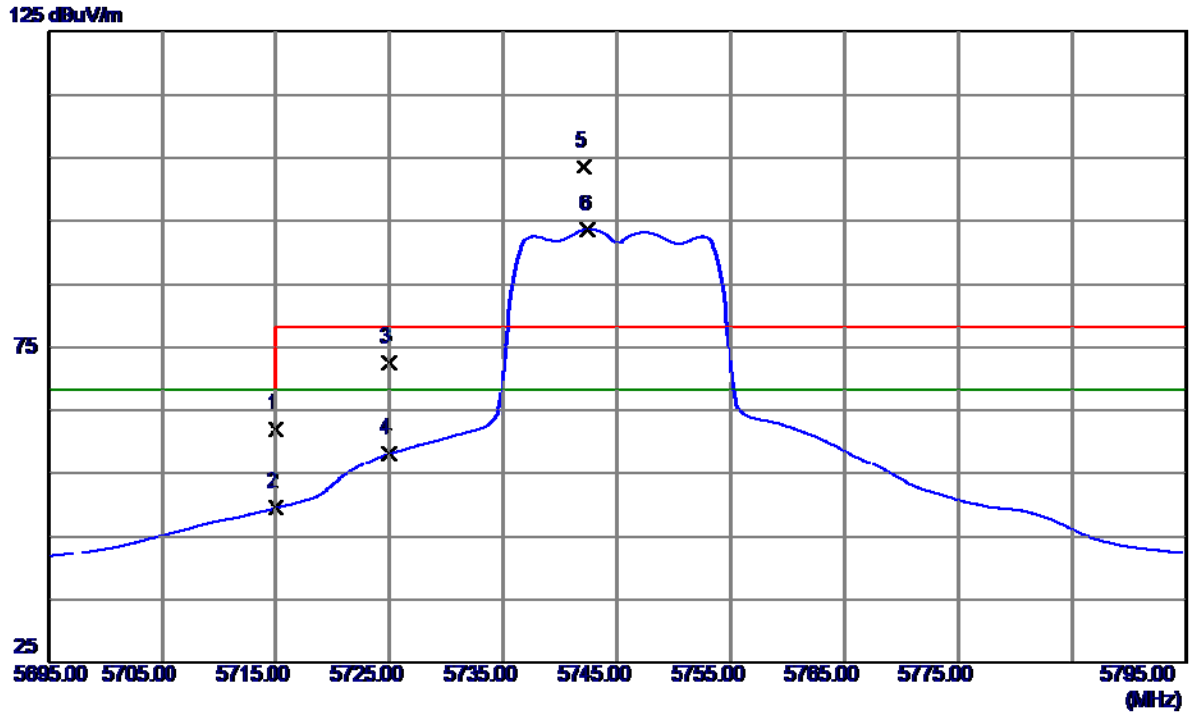
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.7000	33.58	12.84	46.42	68.30	-21.88	Peak	
2	11651.7000	25.01	12.84	37.85	54.00	-16.15	AVG	

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

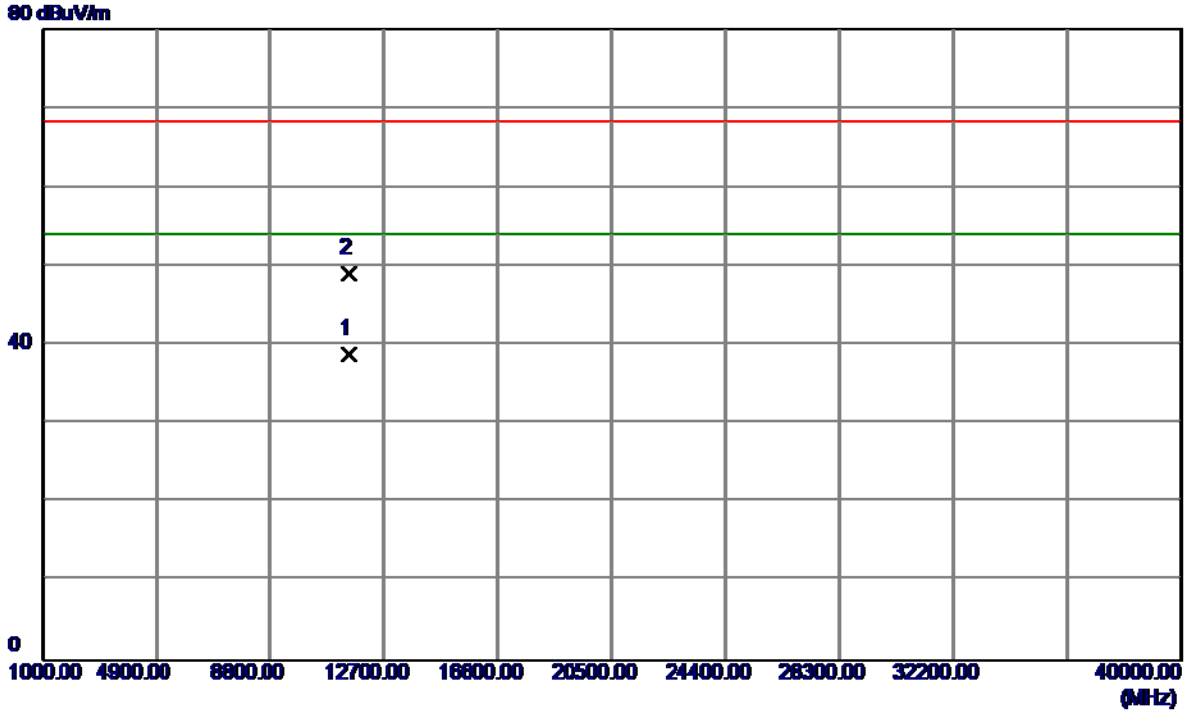
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.39	40.54	61.93	68.30	-6.37	Peak	
2	5715.0000	8.98	40.54	49.52	68.30	-18.78	AVG	
3	5725.0000	32.02	40.59	72.61	78.30	-5.69	Peak	
4	5725.0000	17.55	40.59	58.14	68.30	-10.16	AVG	
5	5742.1000	62.96	40.68	103.64	78.30	25.34	Peak	No Limit
6	5742.5000	52.96	40.68	93.64	68.30	25.34	AVG	No Limit

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

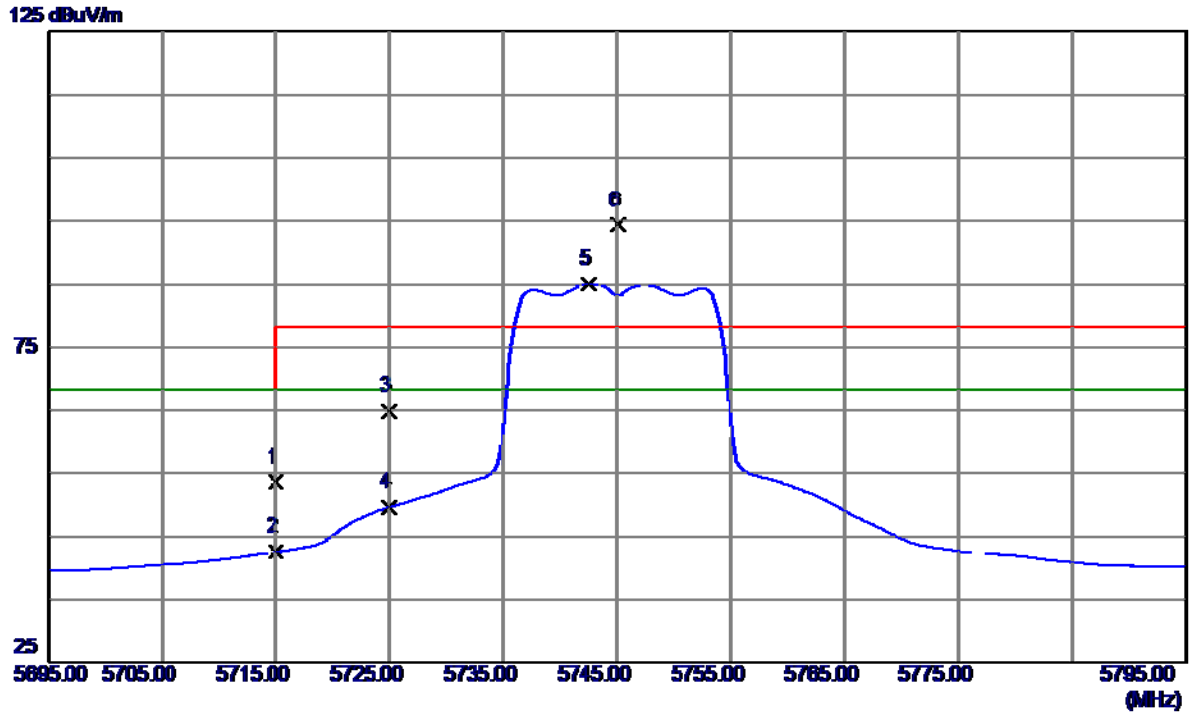
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11491.2000	25.98	12.91	38.89	54.00	-15.11	AVG	
2	11493.3000	36.16	12.92	49.08	68.30	-19.22	Peak	

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

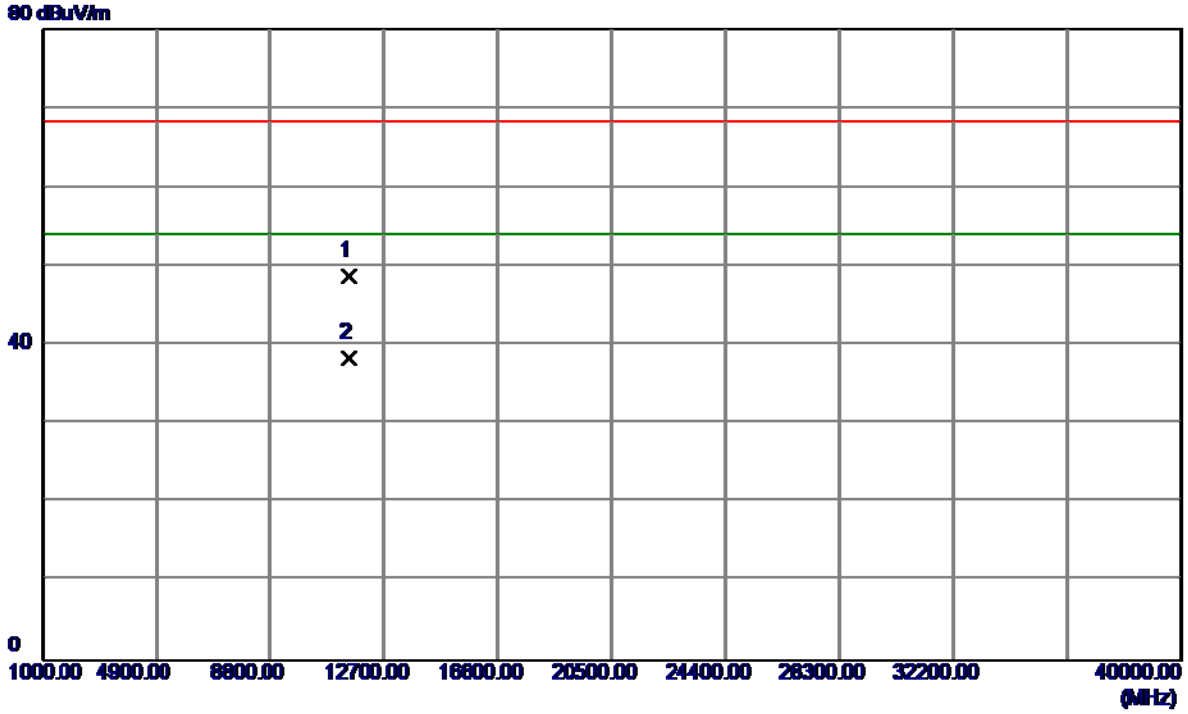
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.13	40.54	53.67	68.30	-14.63	Peak	
2	5715.0000	2.02	40.54	42.56	68.30	-25.74	AVG	
3	5725.0000	24.26	40.59	64.85	78.30	-13.45	Peak	
4	5725.0000	9.06	40.59	49.65	68.30	-18.65	AVG	
5	5742.6000	44.39	40.68	85.07	68.30	16.77	AVG	No Limit
6	5745.1000	53.61	40.69	94.30	78.30	16.00	Peak	No Limit

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

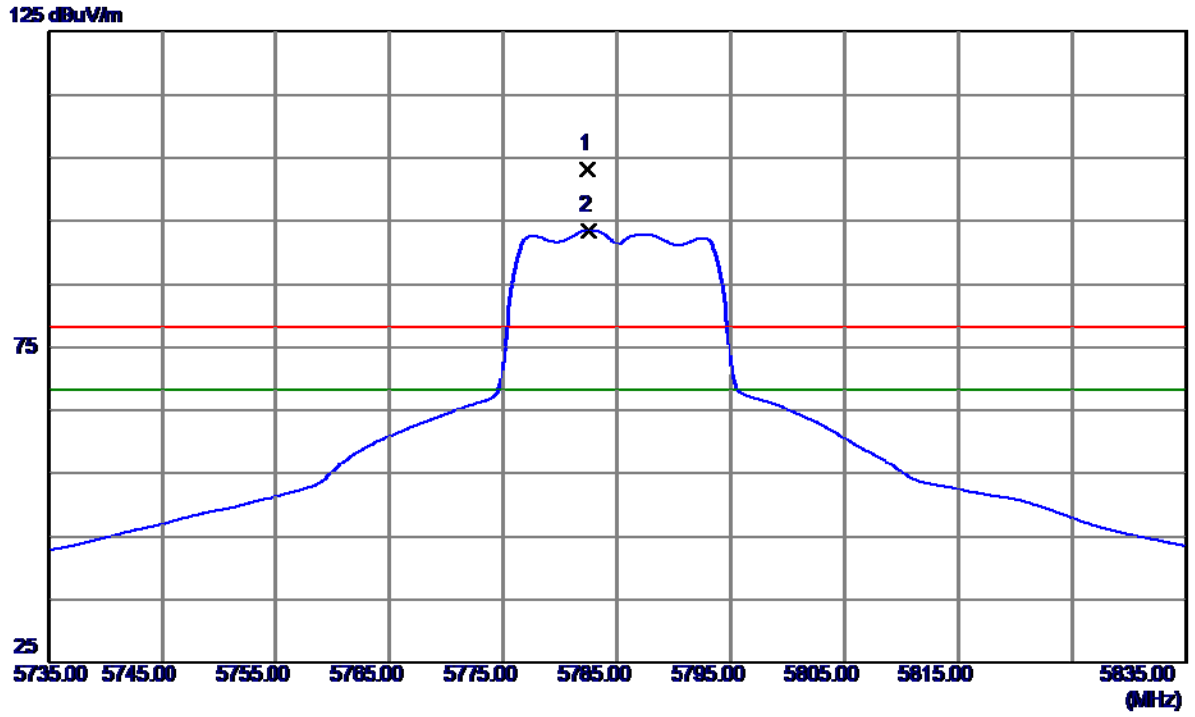
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.8000	35.89	12.91	48.80	68.30	-19.50	Peak	
2	11491.8000	25.44	12.91	38.35	54.00	-15.65	AVG	

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

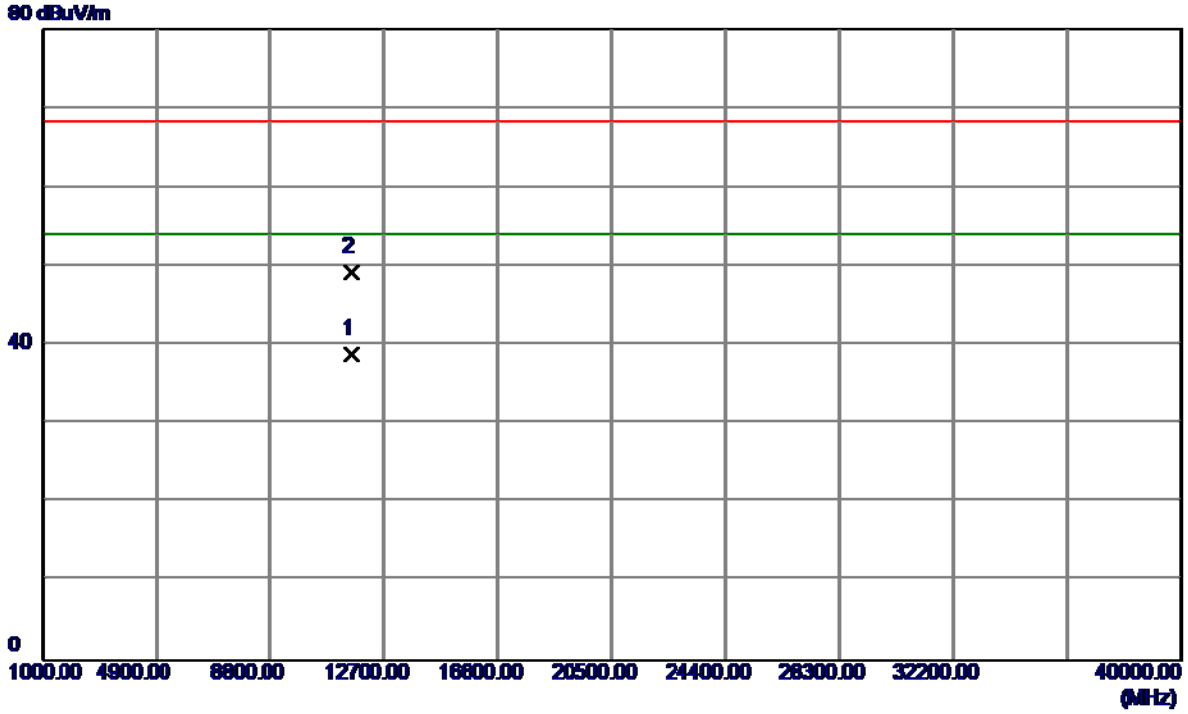
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5782.5000	62.37	40.89	103.26	78.30	24.96	Peak	No Limit
2	5782.6000	52.59	40.89	93.48	68.30	25.18	AVG	No Limit

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

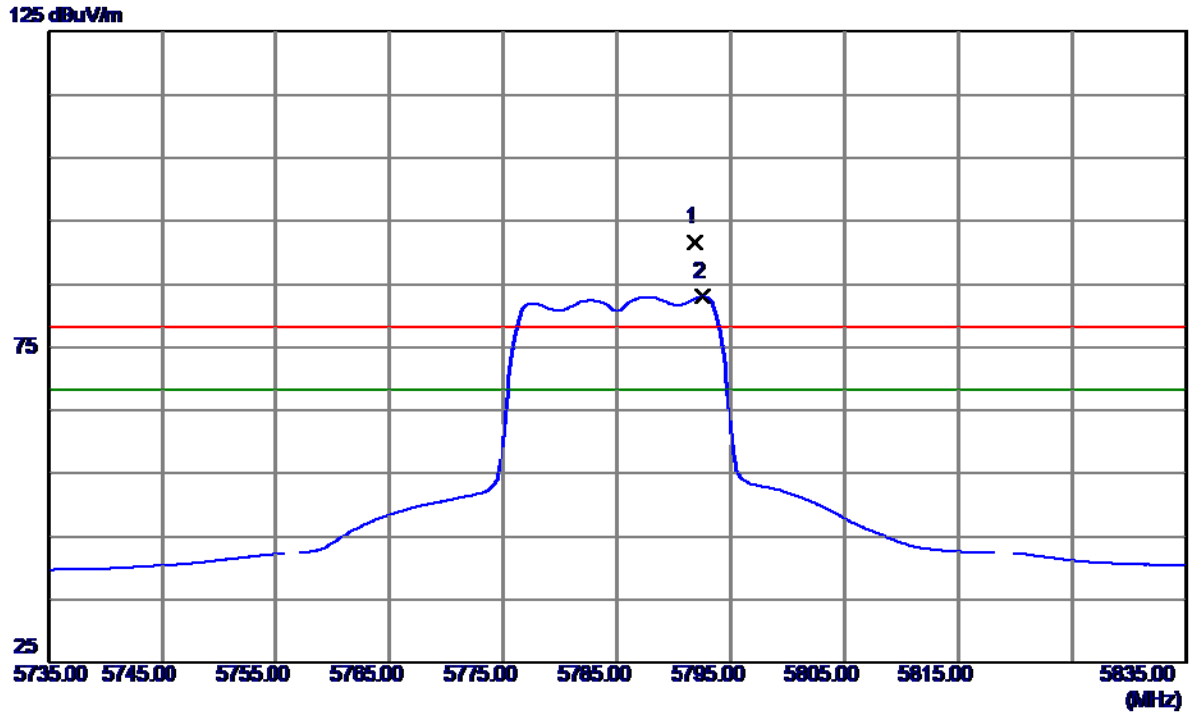
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.2000	26.03	12.89	38.92	54.00	-15.08	AVG	
2	11571.2000	36.43	12.89	49.32	68.30	-18.98	Peak	

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

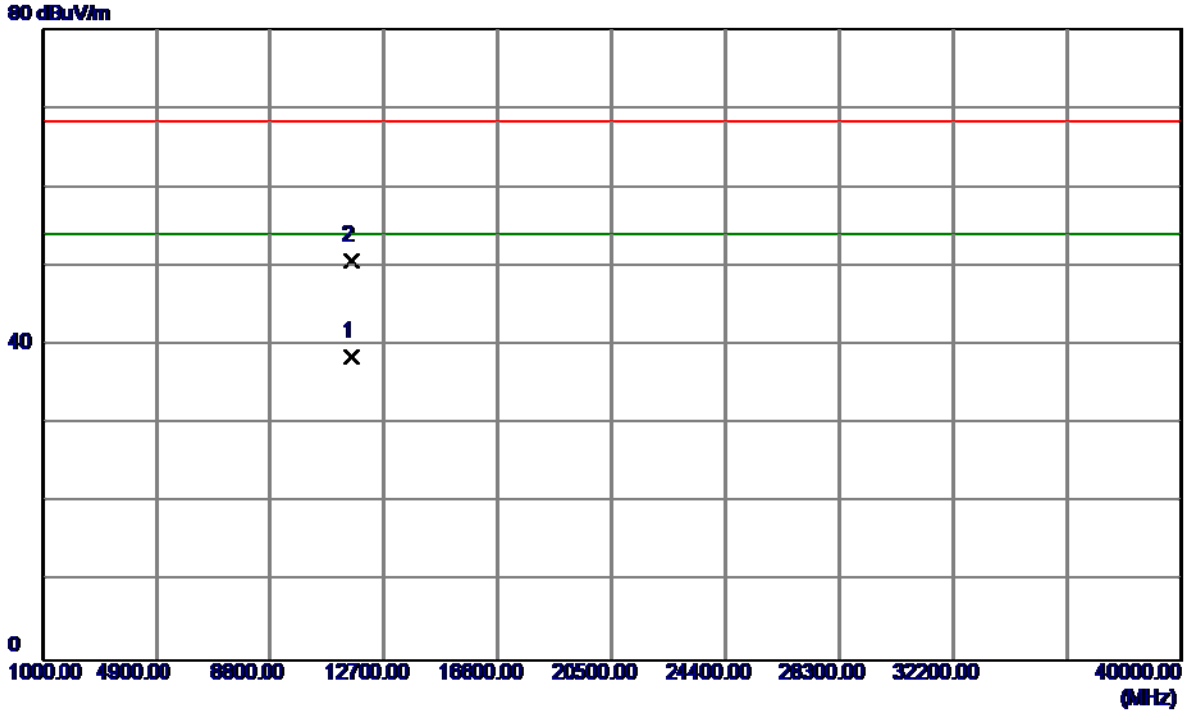
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5791.9000	50.70	40.93	91.63	78.30	13.33	Peak	No Limit
2	5792.6000	42.00	40.94	82.94	68.30	14.64	AVG	No Limit

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

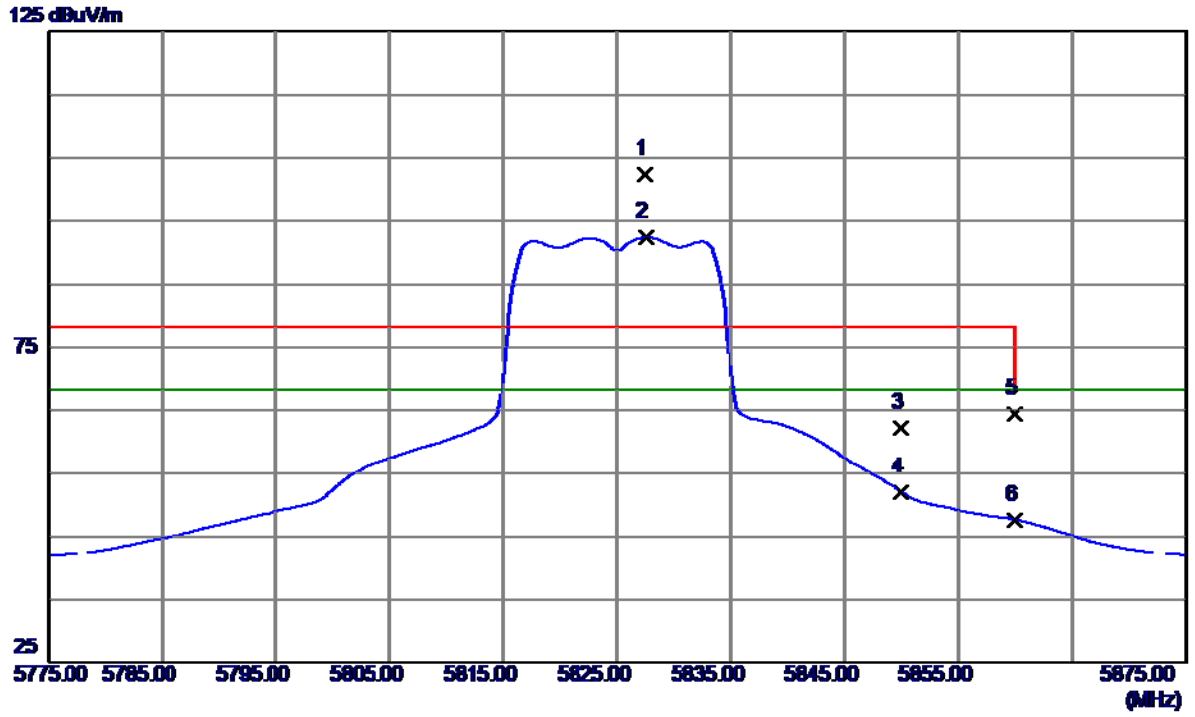
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.2000	25.62	12.89	38.51	54.00	-15.49	AVG	
2	11571.8000	37.76	12.89	50.65	68.30	-17.65	Peak	

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

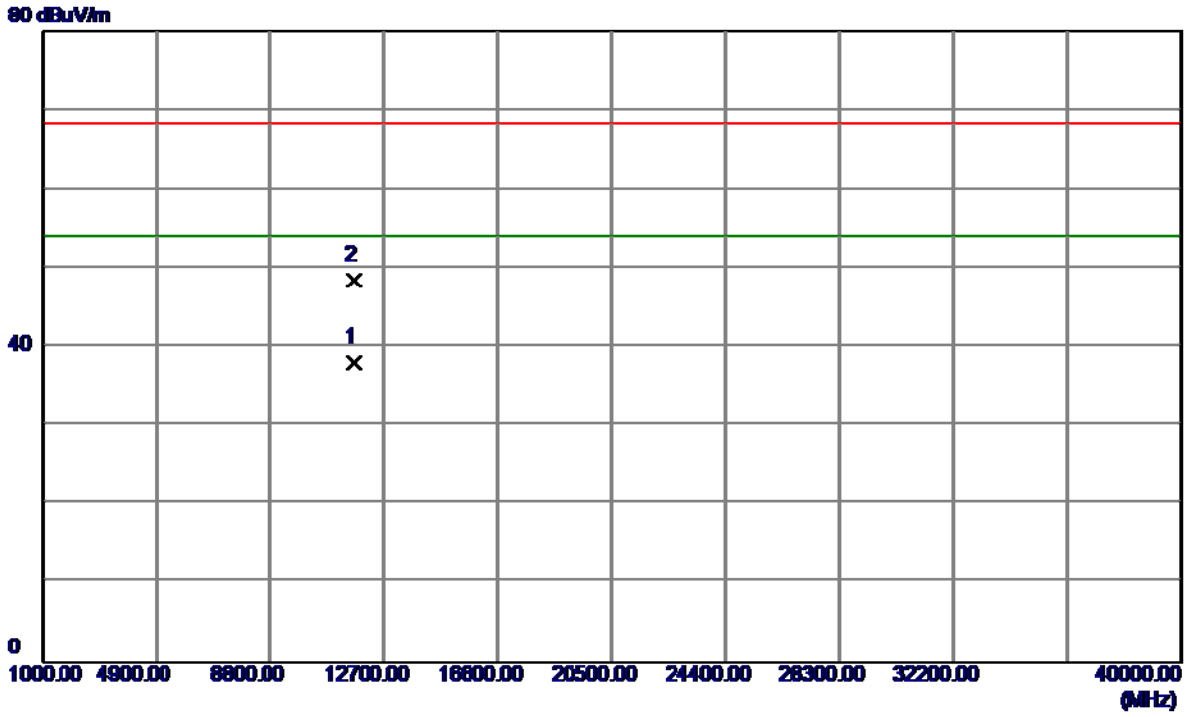
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5827.4000	61.24	41.12	102.36	78.30	24.06	Peak	No Limit
2	5827.5000	51.28	41.12	92.40	68.30	24.10	AVG	No Limit
3	5850.0000	21.01	41.23	62.24	78.30	-16.06	Peak	
4	5850.0000	10.85	41.23	52.08	68.30	-16.22	AVG	
5	5860.0000	23.09	41.28	64.37	78.30	-13.93	Peak	
6	5860.0000	6.38	41.28	47.66	68.30	-20.64	AVG	

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

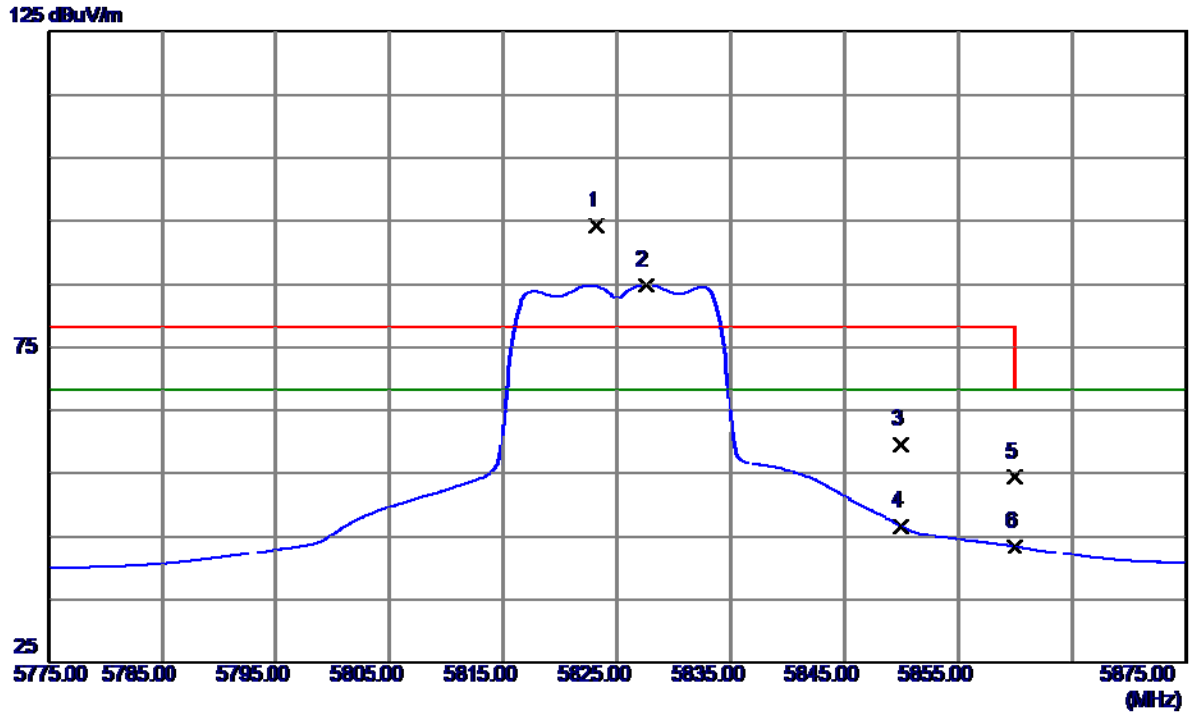
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.4000	25.17	12.84	38.01	54.00	-15.99	AVG	
2	11652.3000	35.64	12.84	48.48	68.30	-19.82	Peak	

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

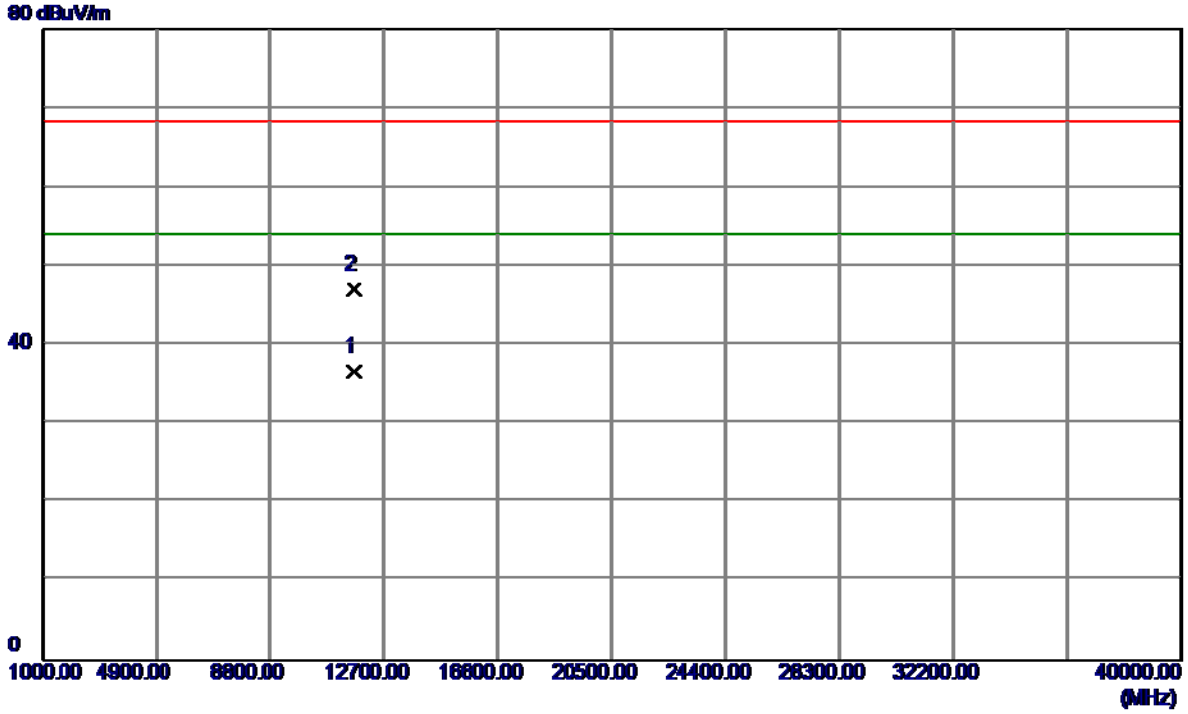
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5823.2000	53.03	41.09	94.12	78.30	15.82	Peak	No Limit
2	5827.5000	43.66	41.12	84.78	68.30	16.48	AVG	No Limit
3	5850.0000	18.29	41.23	59.52	78.30	-18.78	Peak	
4	5850.0000	5.41	41.23	46.64	68.30	-21.66	AVG	
5	5860.0000	13.07	41.28	54.35	78.30	-23.95	Peak	
6	5860.0000	2.20	41.28	43.48	68.30	-24.82	AVG	

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

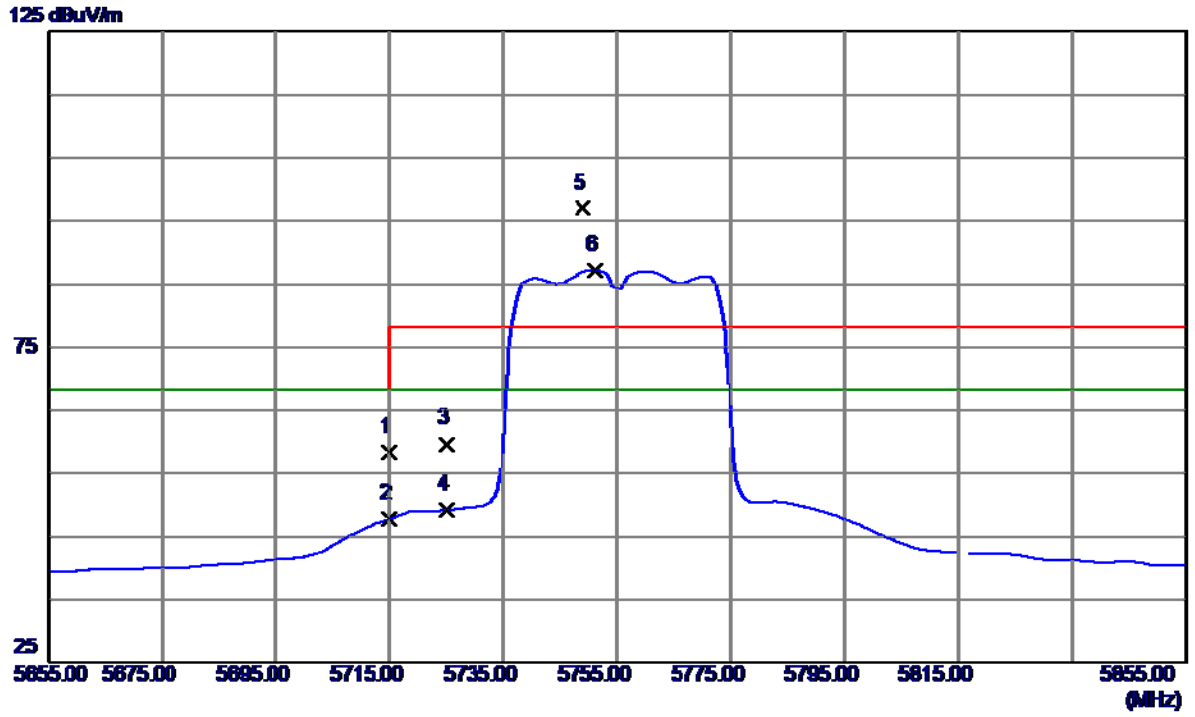
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11652.4000	23.80	12.84	36.64	54.00	-17.36	AVG	
2	11653.6000	34.22	12.84	47.06	68.30	-21.24	Peak	

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

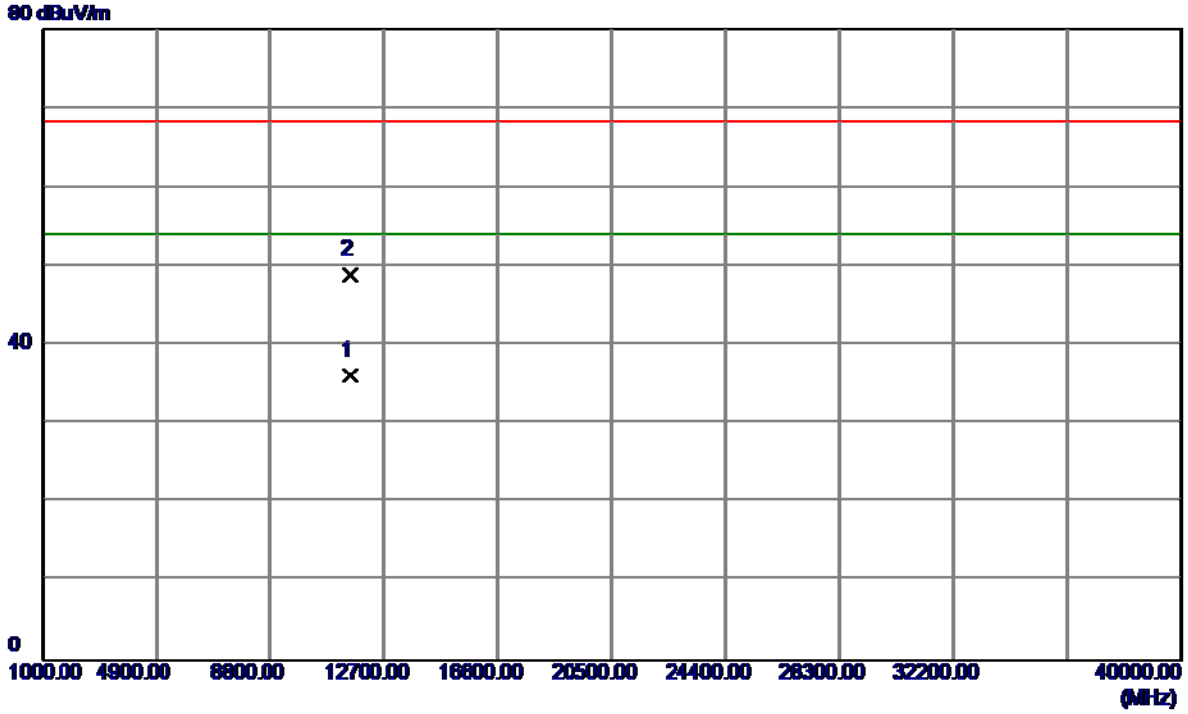
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	17.80	40.54	58.34	68.30	-9.96	Peak	
2	5715.0000	7.20	40.54	47.74	68.30	-20.56	AVG	
3	5725.0000	19.11	40.59	59.70	78.30	-18.60	Peak	
4	5725.0000	8.59	40.59	49.18	68.30	-19.12	AVG	
5	5749.0000	56.28	40.71	96.99	78.30	18.69	Peak	No Limit
6	5751.2000	46.55	40.73	87.28	68.30	18.98	AVG	No Limit

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

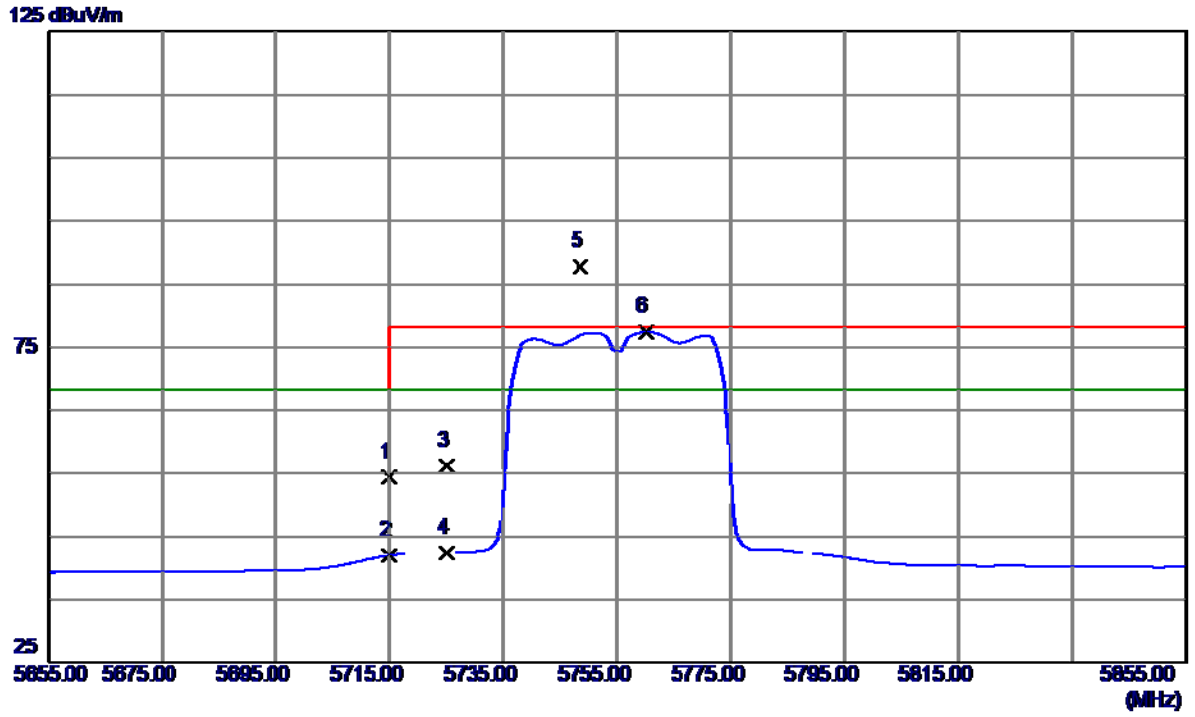
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11511.4600	23.16	12.93	36.09	54.00	-17.91	AVG	
2	11511.5199	36.01	12.93	48.94	68.30	-19.36	Peak	

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

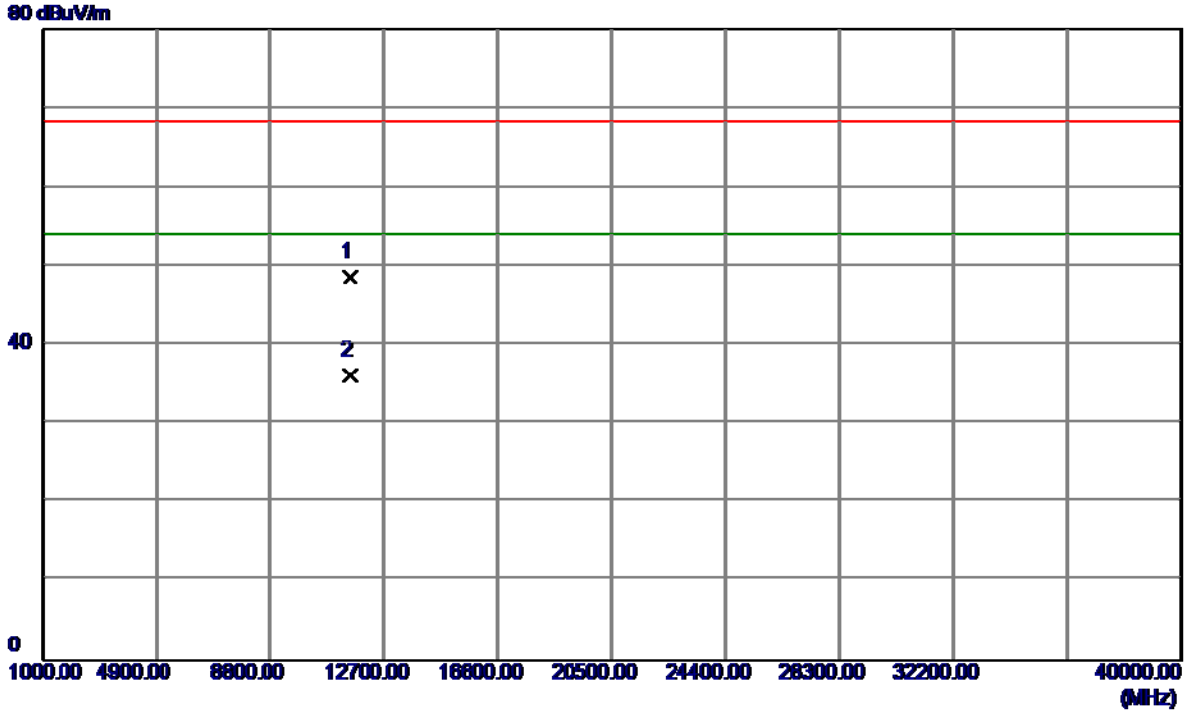
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.79	40.54	54.33	68.30	-13.97	Peak	
2	5715.0000	1.38	40.54	41.92	68.30	-26.38	AVG	
3	5725.0000	15.60	40.59	56.19	78.30	-22.11	Peak	
4	5725.0000	1.88	40.59	42.47	68.30	-25.83	AVG	
5	5748.6000	47.09	40.71	87.80	78.30	9.50	Peak	No Limit
6	5760.0000	36.66	40.77	77.43	68.30	9.13	AVG	No Limit

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

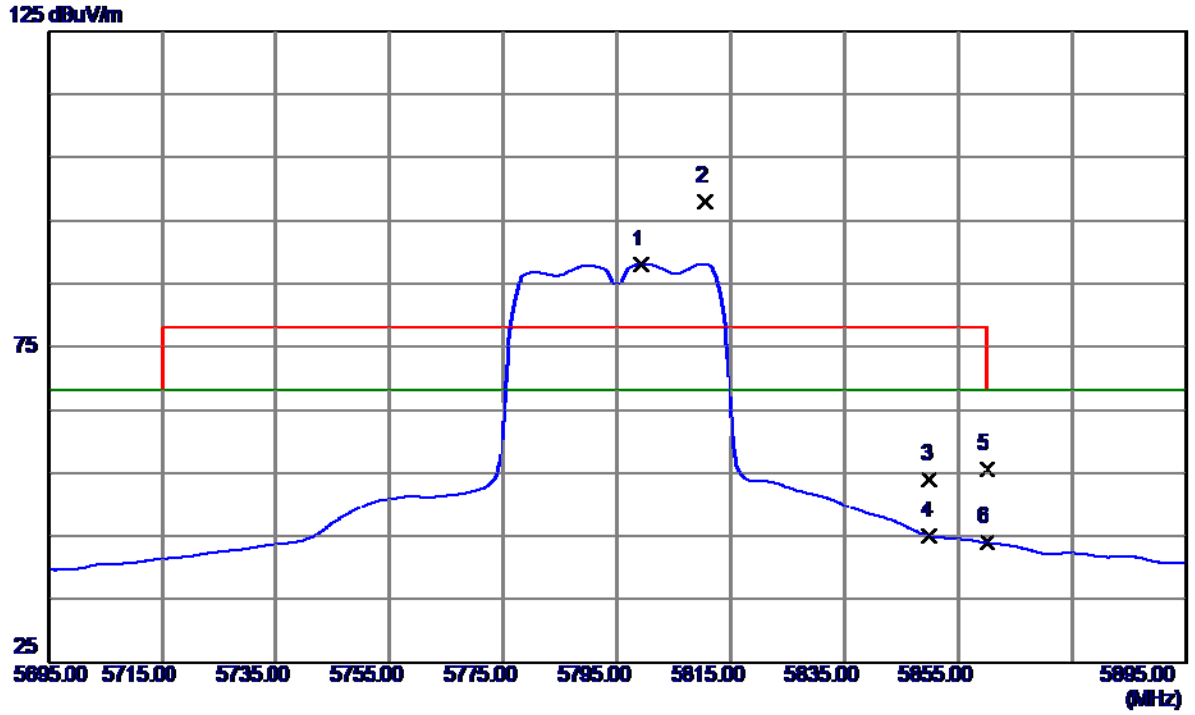
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11508.3800	35.76	12.93	48.69	68.30	-19.61	Peak	
2	11508.4000	23.17	12.93	36.10	54.00	-17.90	AVG	

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

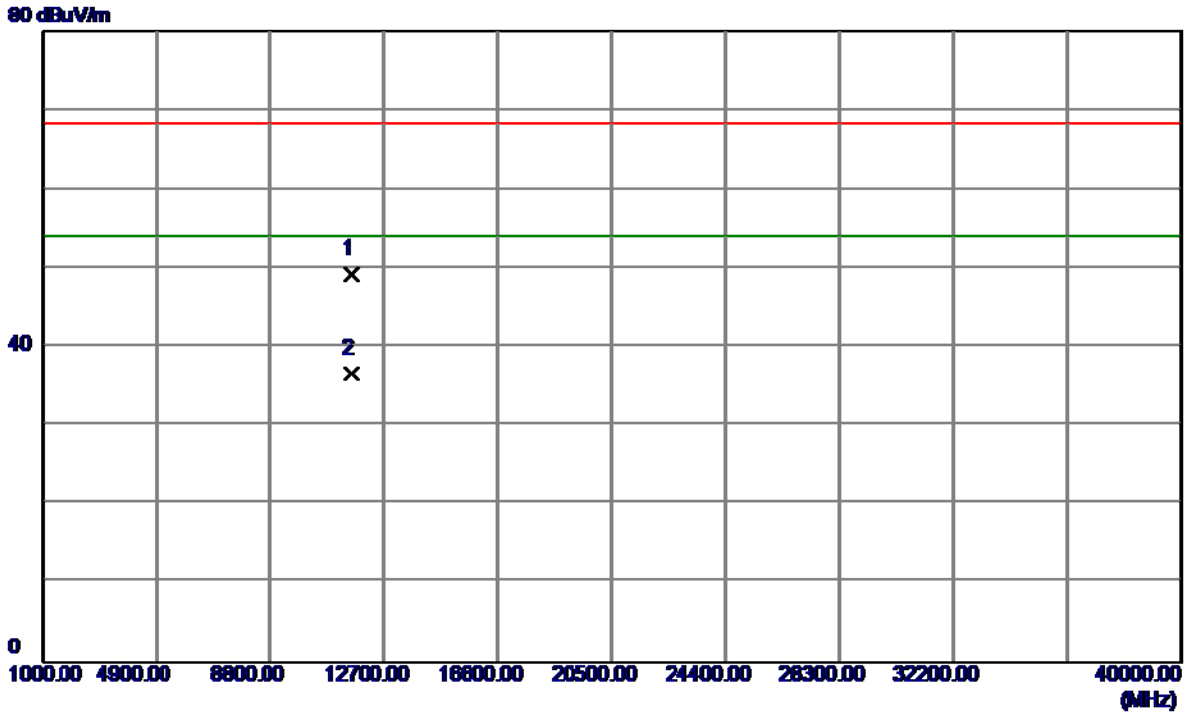
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5799.2000	47.12	40.97	88.09	68.30	19.79	AVG	No Limit
2	5810.6000	56.97	41.03	98.00	78.30	19.70	Peak	No Limit
3	5850.0000	12.72	41.23	53.95	78.30	-24.35	Peak	
4	5850.0000	3.74	41.23	44.97	68.30	-23.33	AVG	
5	5860.0000	14.41	41.28	55.69	78.30	-22.61	Peak	
6	5860.0000	2.64	41.28	43.92	68.30	-24.38	AVG	

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

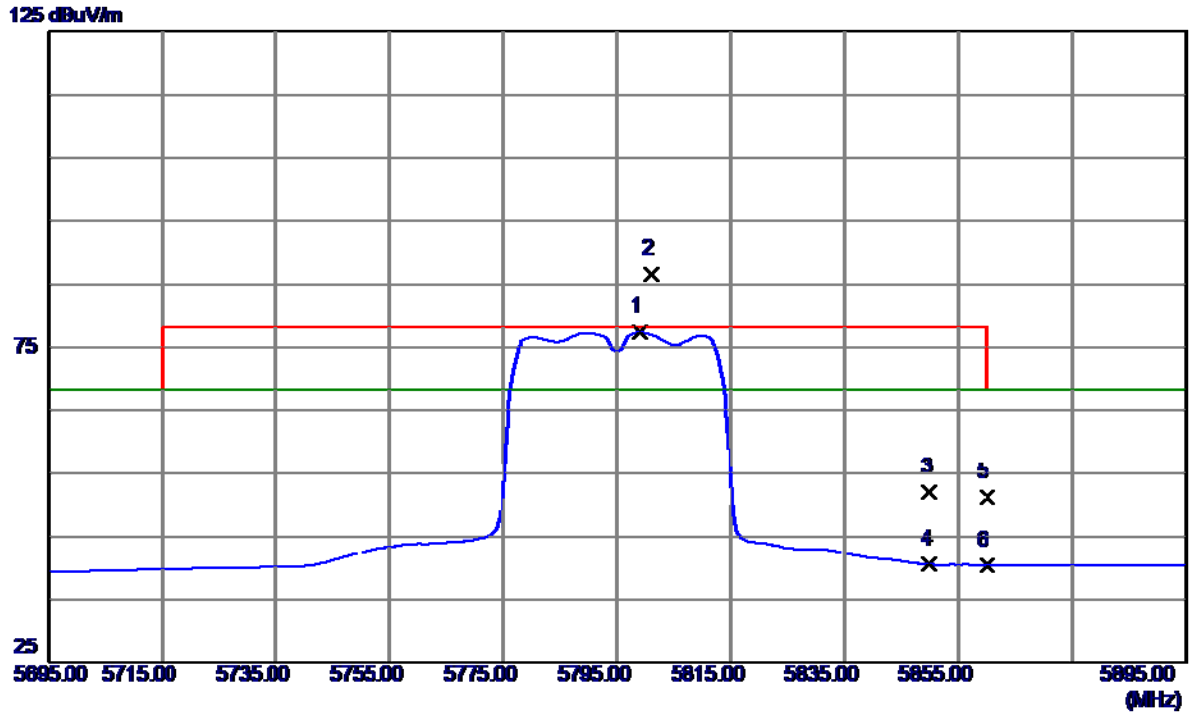
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11588.4200	36.34	12.88	49.22	68.30	-19.08	Peak	
2	11588.4400	23.77	12.88	36.65	54.00	-17.35	AVG	

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

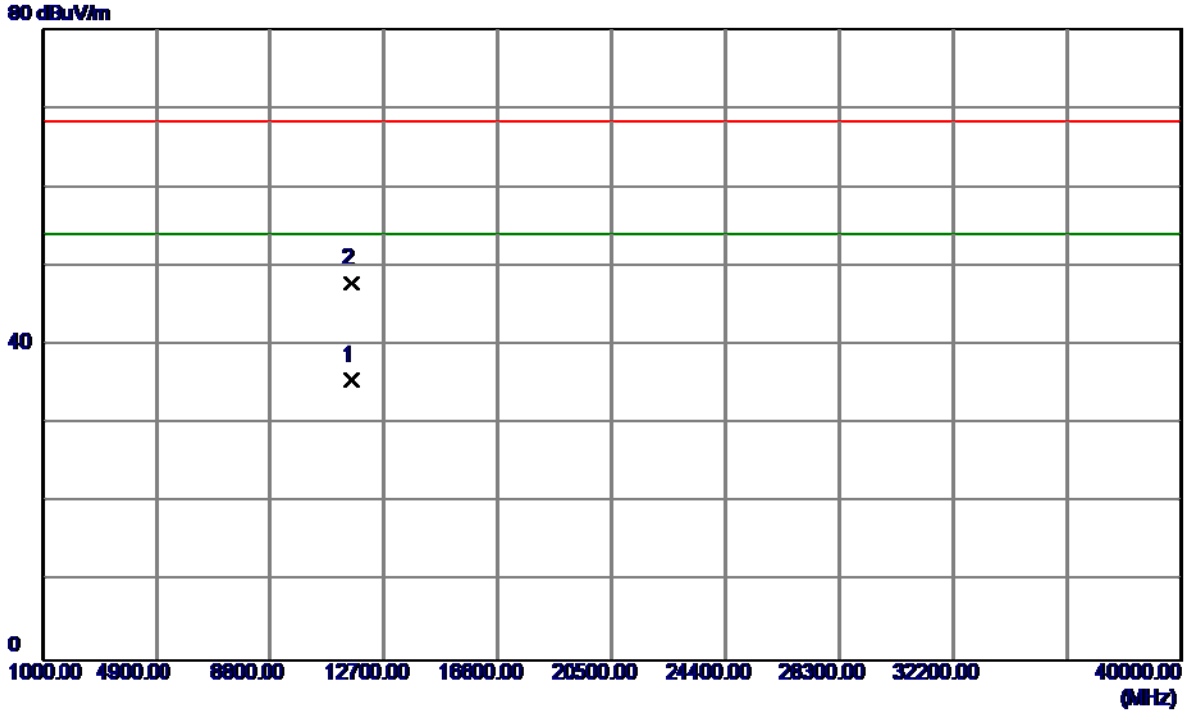
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5799.0000	36.37	40.97	77.34	68.30	9.04	AVG	No Limit
2	5801.0000	45.54	40.98	86.52	78.30	8.22	Peak	No Limit
3	5850.0000	10.81	41.23	52.04	78.30	-26.26	Peak	
4	5850.0000	-0.70	41.23	40.53	68.30	-27.77	AVG	
5	5860.0000	9.97	41.28	51.25	78.30	-27.05	Peak	
6	5860.0000	-0.89	41.28	40.39	68.30	-27.91	AVG	

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

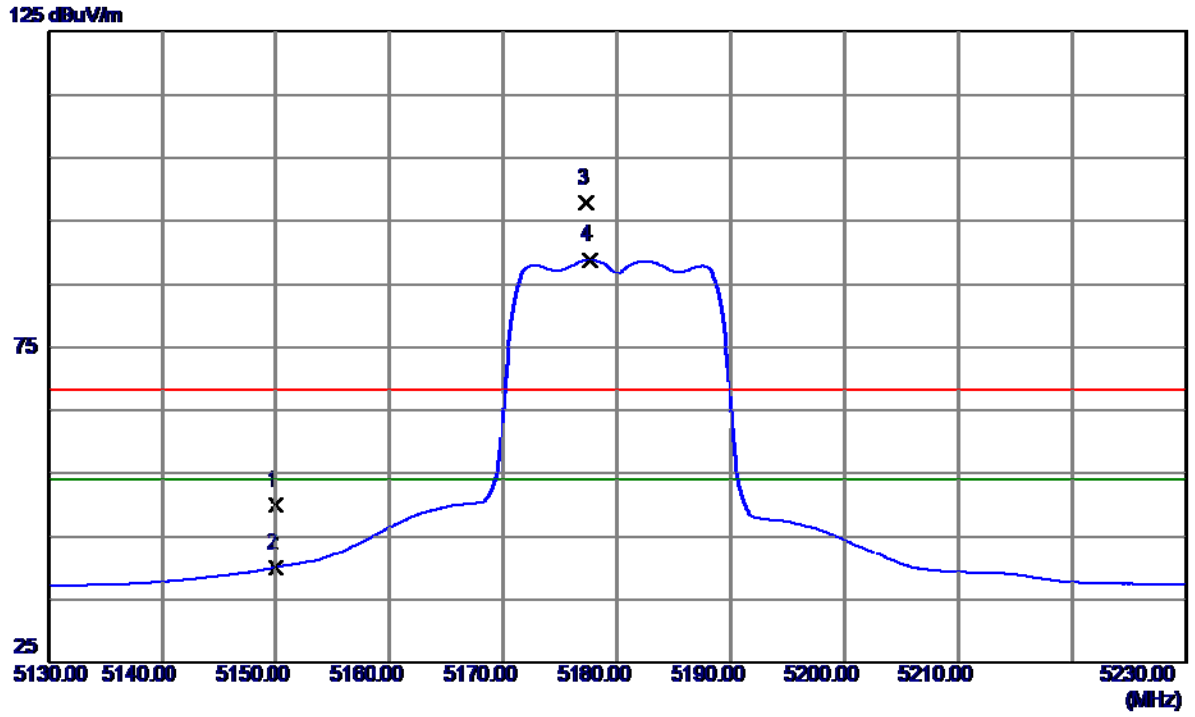
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11588.4800	22.71	12.88	35.59	54.00	-18.41	AVG	
2	11591.1500	35.02	12.88	47.90	68.30	-20.40	Peak	

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

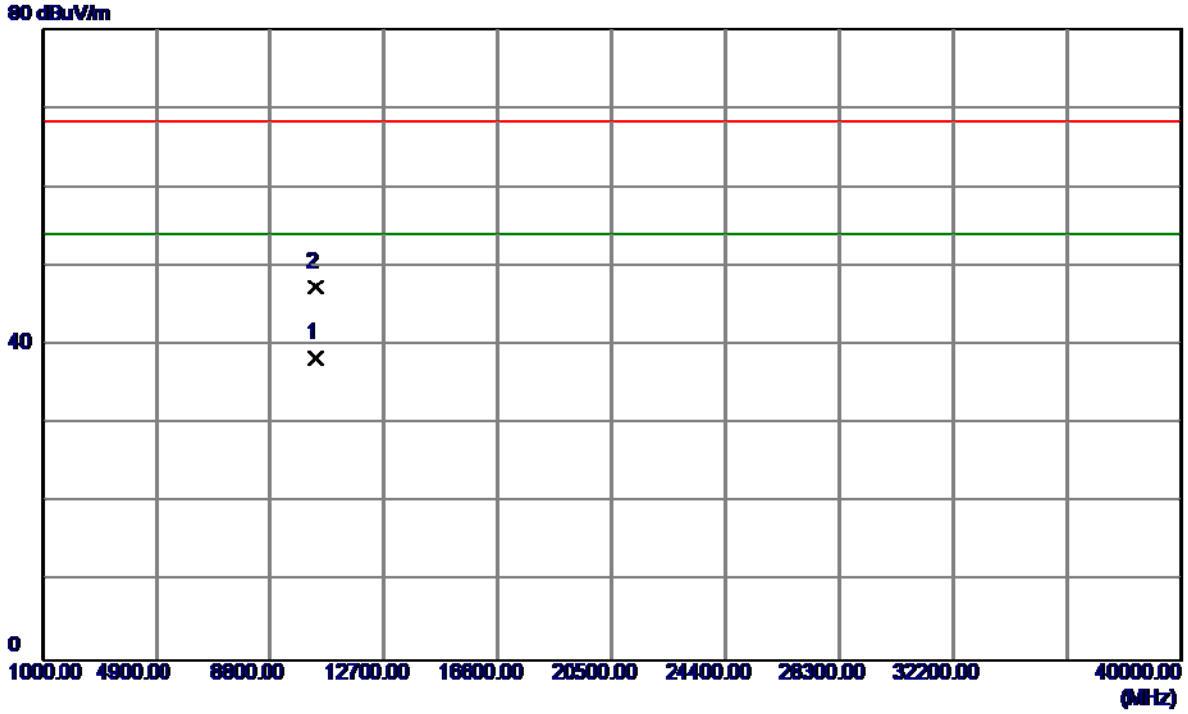
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.01	37.89	49.90	68.30	-18.40	Peak	
2	5150.0000	2.20	37.89	40.09	54.00	-13.91	AVG	
3	5177.3000	59.76	38.01	97.77	68.30	29.47	Peak	No Limit
4	5177.7000	50.79	38.02	88.81	54.00	34.81	AVG	No Limit

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

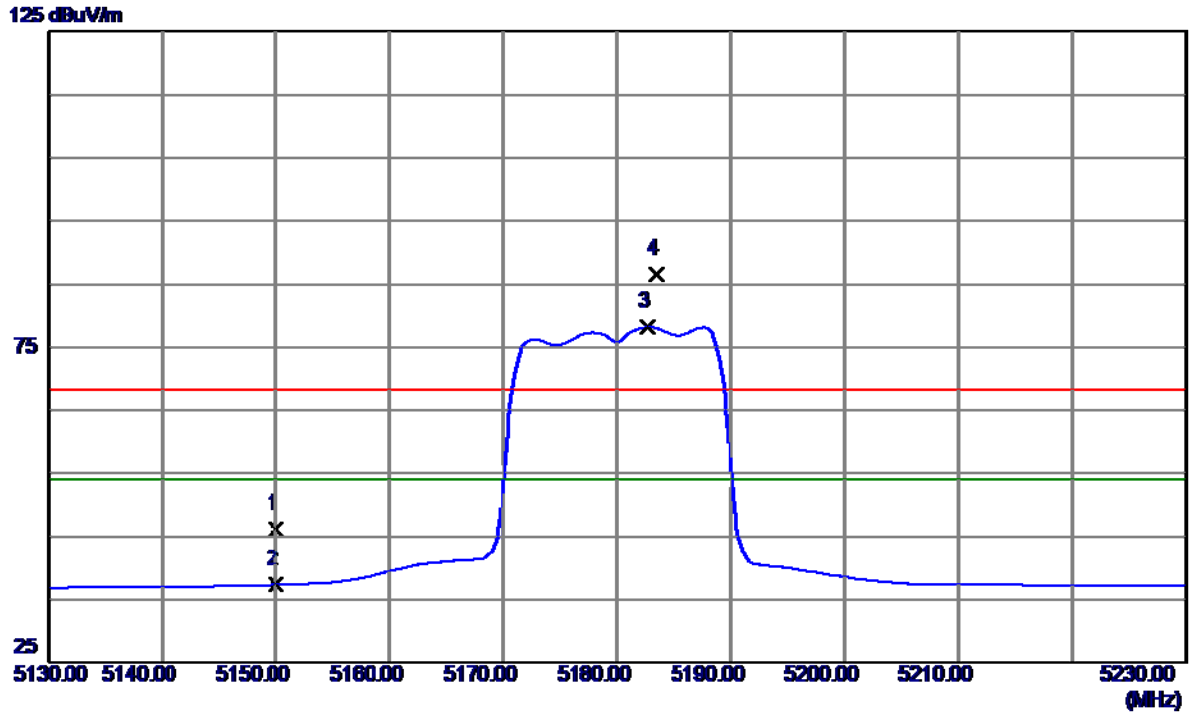
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10361.1000	27.31	11.10	38.41	54.00	-15.59	AVG	
2	10367.1000	36.27	11.10	47.37	68.30	-20.93	Peak	

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

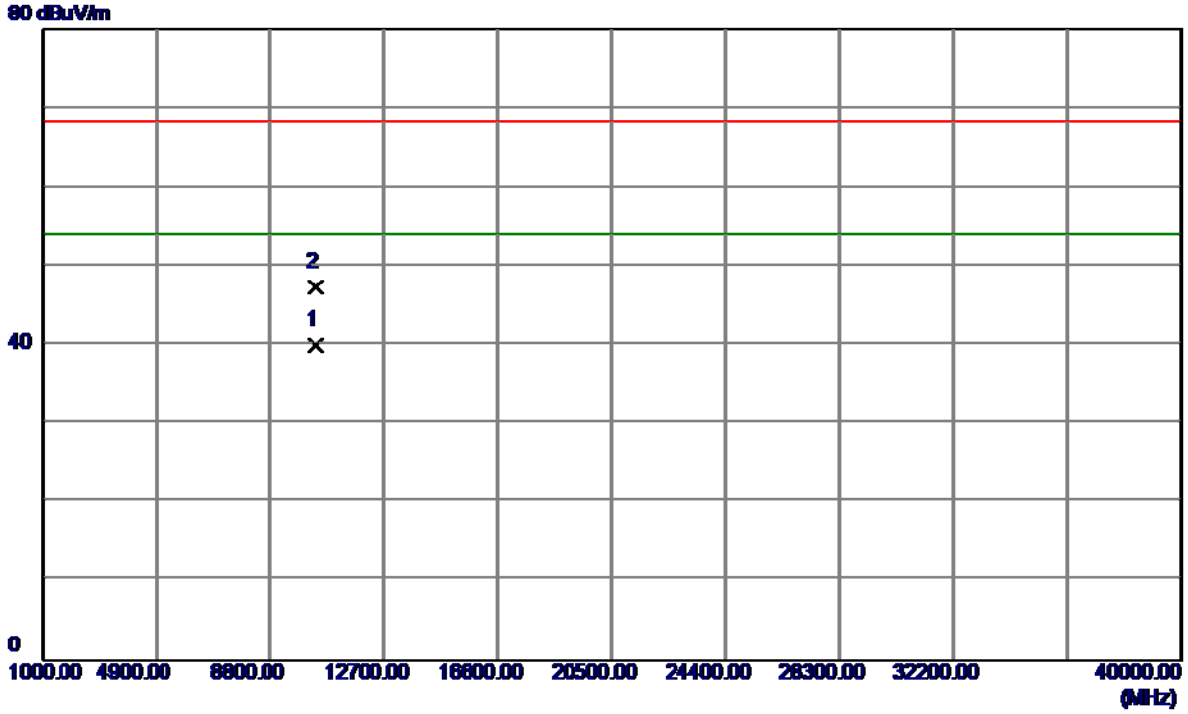
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.26	37.89	46.15	68.30	-22.15	Peak	
2	5150.0000	-0.56	37.89	37.33	54.00	-16.67	AVG	
3	5182.7000	40.11	38.04	78.15	54.00	24.15	AVG	No Limit
4	5183.4000	48.60	38.04	86.64	68.30	18.34	Peak	No Limit

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

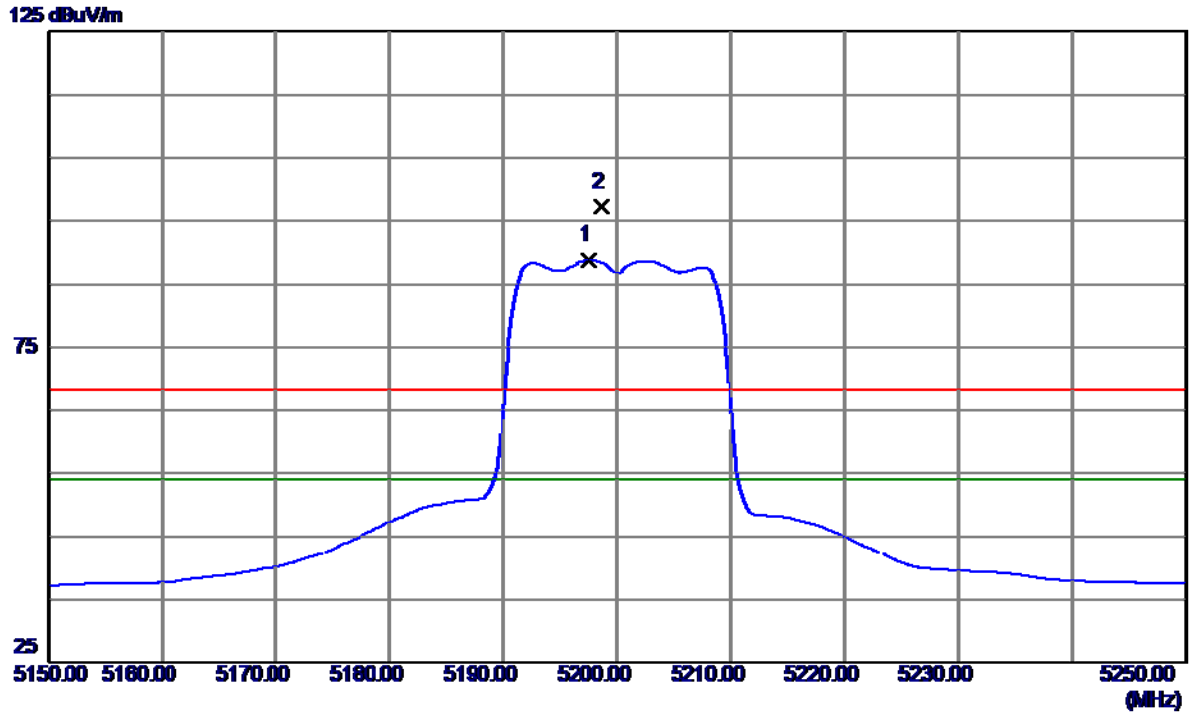
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.9000	28.94	11.10	40.04	54.00	-13.96	AVG	
2	10368.6000	36.32	11.09	47.41	68.30	-20.89	Peak	

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

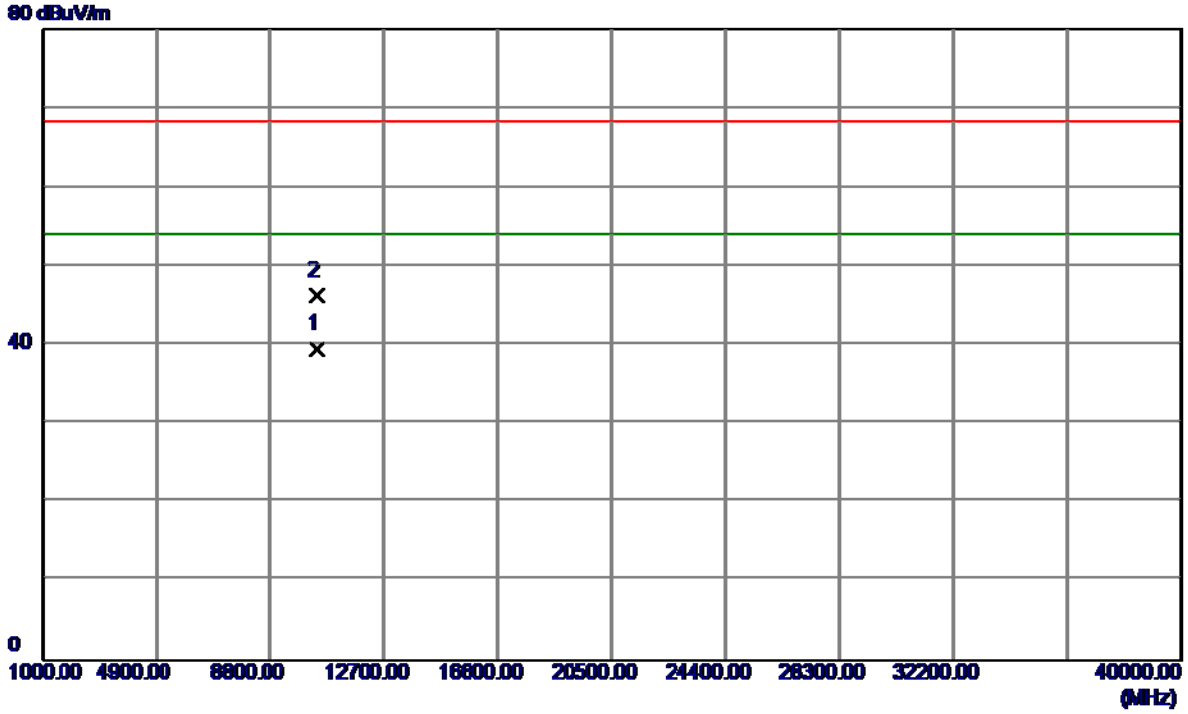
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5197.6000	50.69	38.10	88.79	54.00	34.79	AVG	No Limit
2	5198.7000	59.18	38.11	97.29	68.30	28.99	Peak	No Limit

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

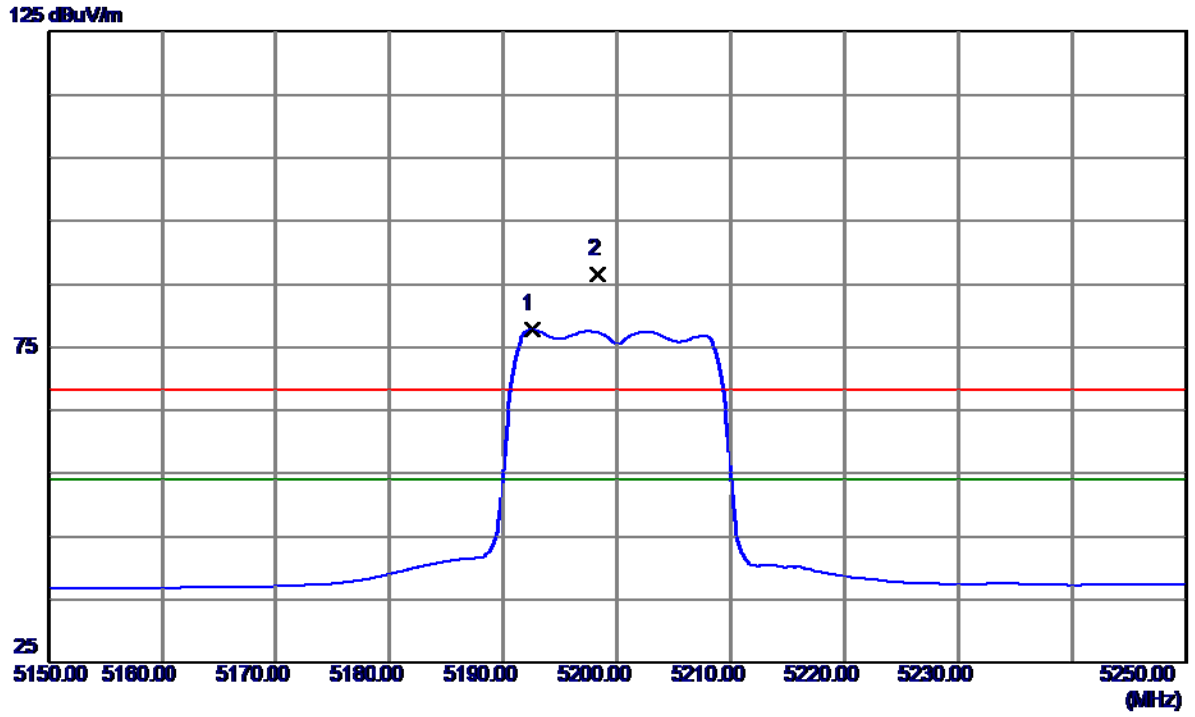
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10402.4000	28.41	11.05	39.46	54.00	-14.54	AVG	
2	10402.7000	35.15	11.05	46.20	68.30	-22.10	Peak	

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

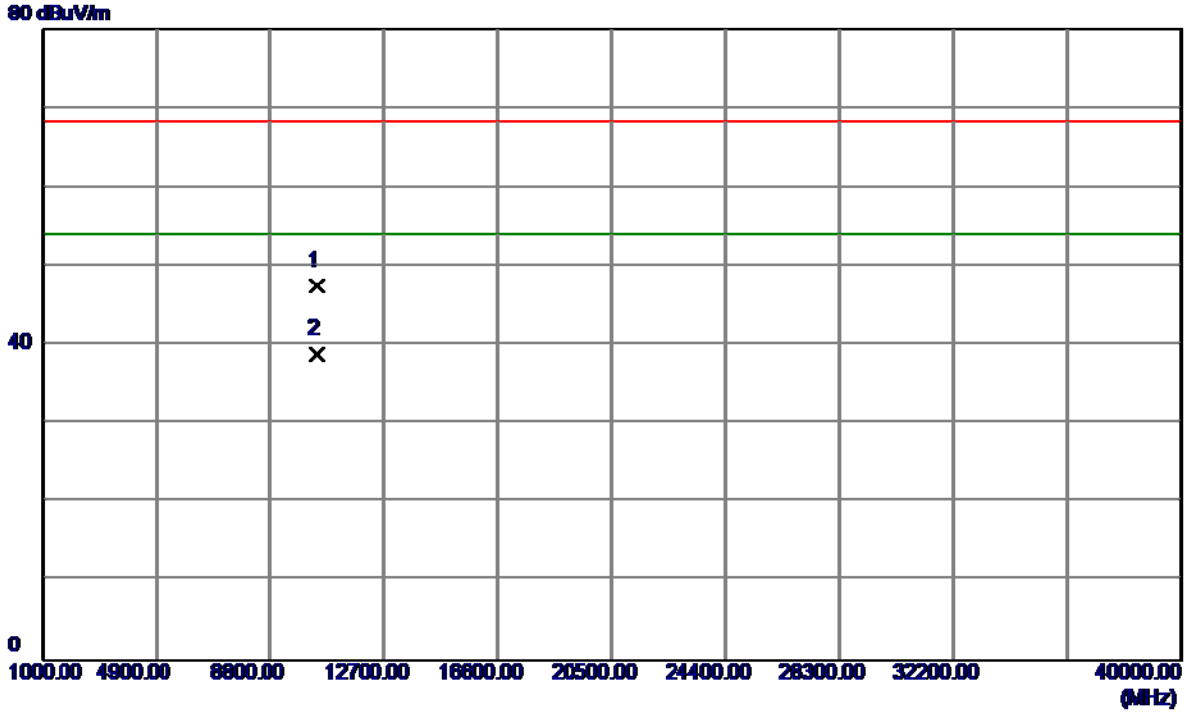
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.5000	39.69	38.08	77.77	54.00	23.77	AVG	No Limit
2	5198.3000	48.46	38.11	86.57	68.30	18.27	Peak	No Limit

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

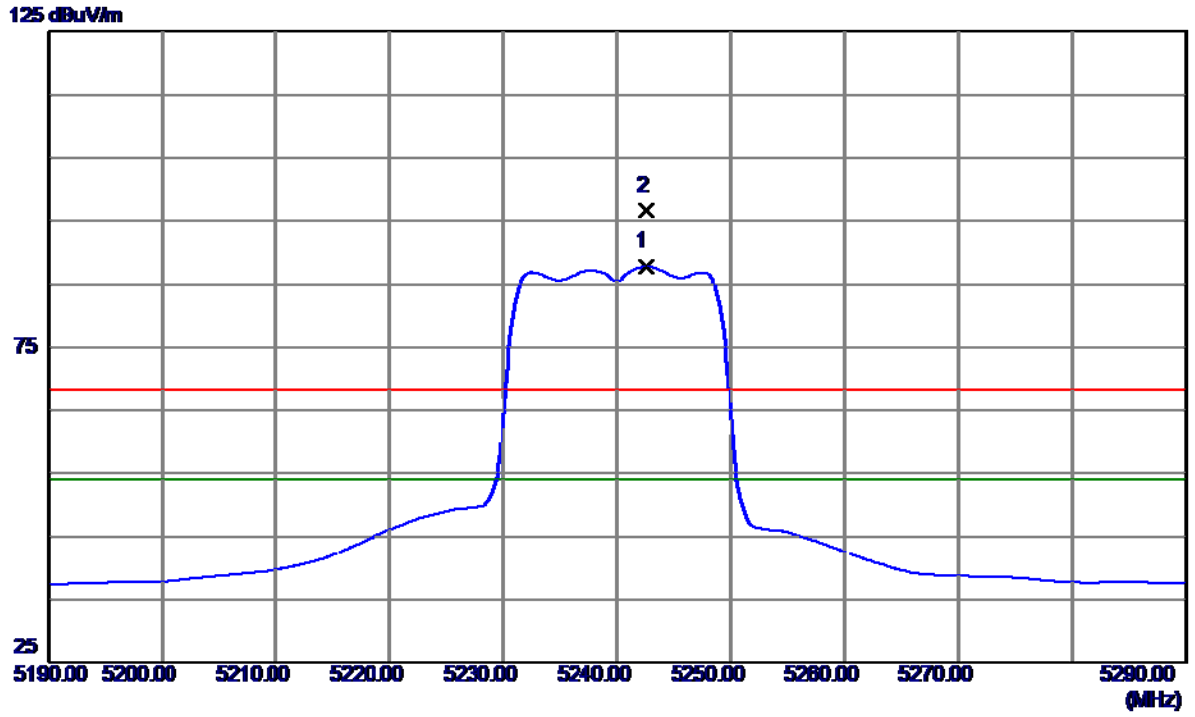
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.2000	36.54	11.05	47.59	68.30	-20.71	Peak	
2	10402.5000	27.84	11.05	38.89	54.00	-15.11	AVG	

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

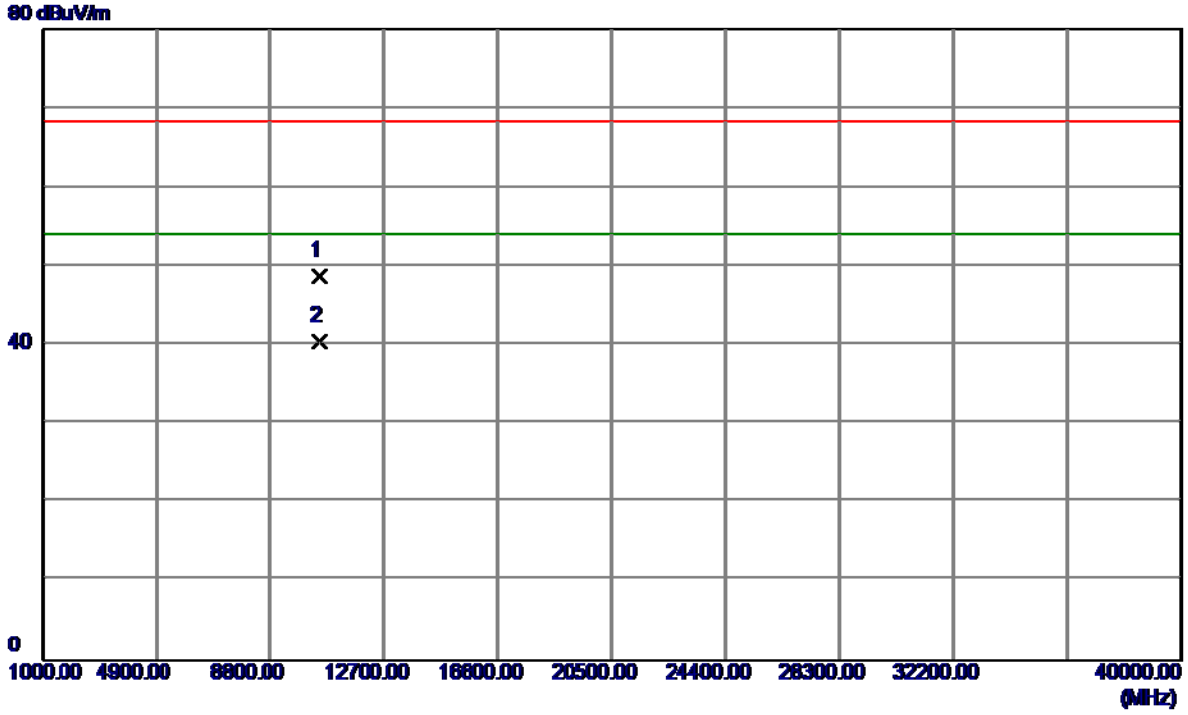
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.5000	49.47	38.30	87.77	54.00	33.77	AVG	No Limit
2	5242.6000	58.32	38.30	96.62	68.30	28.32	Peak	No Limit

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

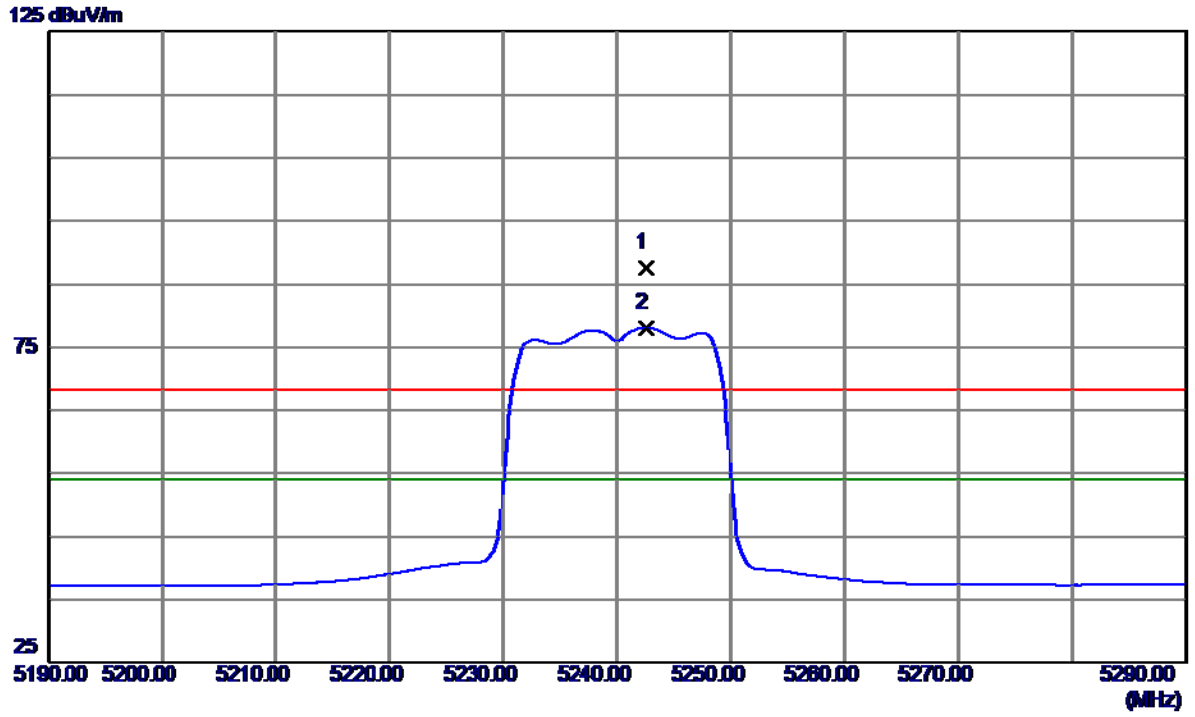
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10477.4000	37.84	10.94	48.78	68.30	-19.52	Peak	
2	10481.7000	29.57	10.94	40.51	54.00	-13.49	AVG	

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

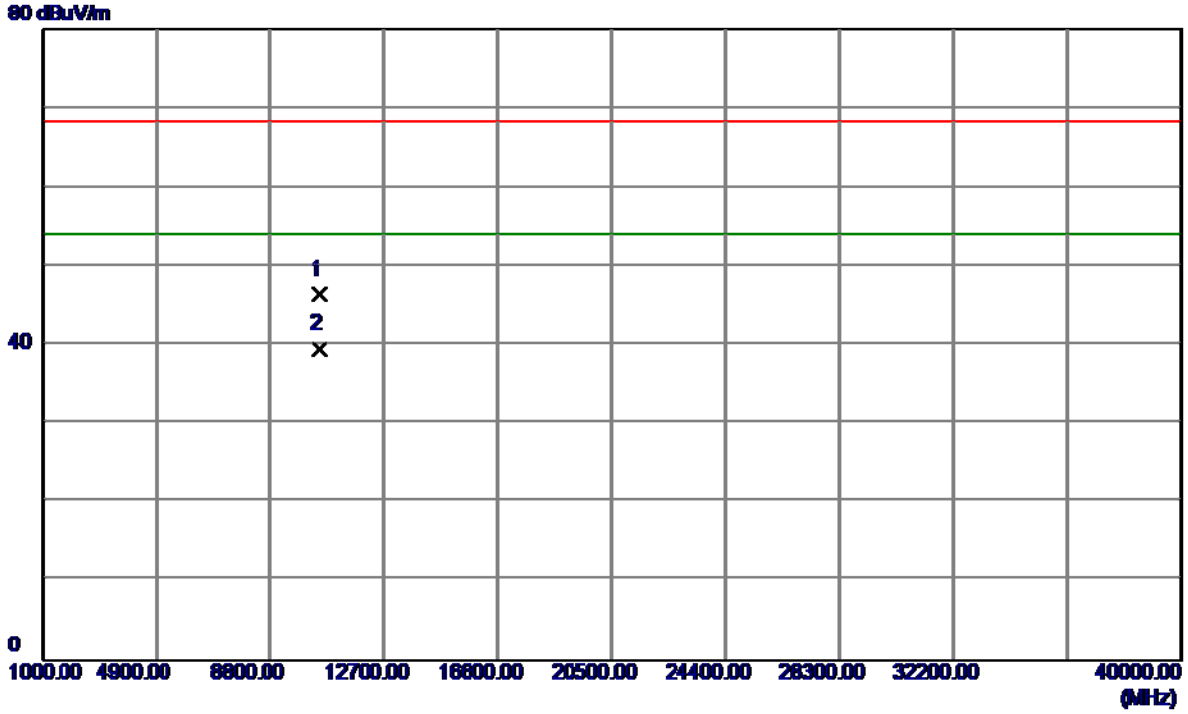
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.5000	49.30	38.30	87.60	68.30	19.30	Peak	No Limit
2	5242.5000	39.76	38.30	78.06	54.00	24.06	AVG	No Limit

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

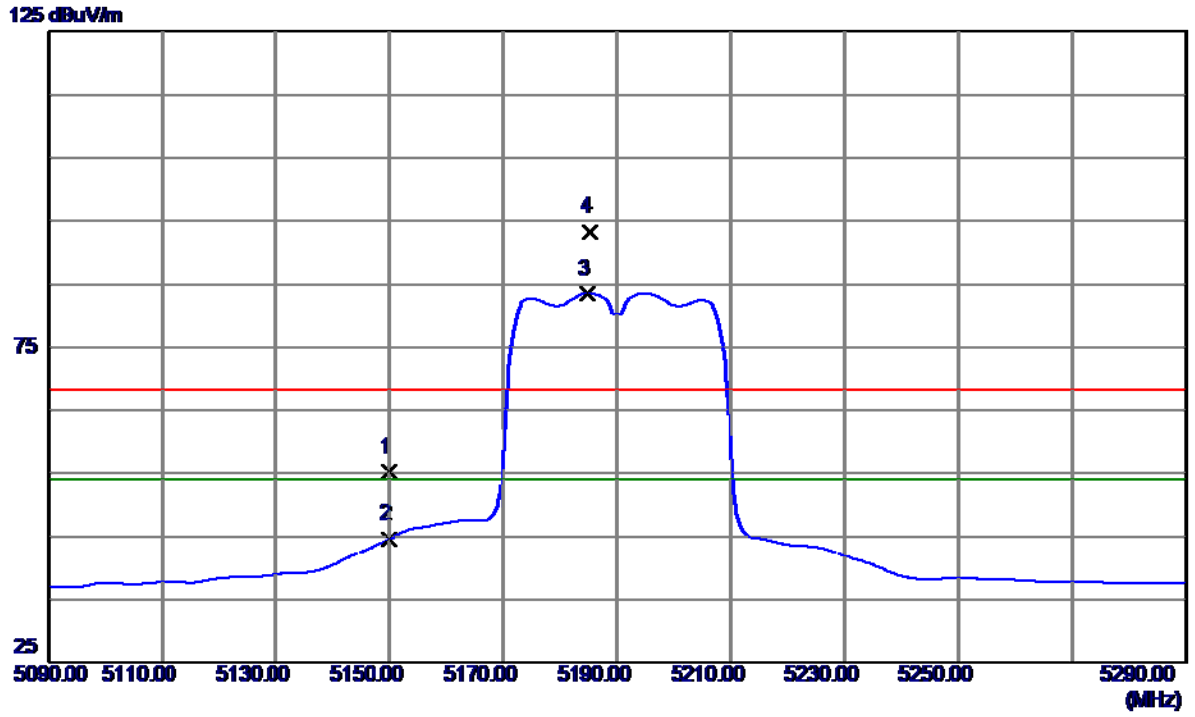
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10478.2000	35.42	10.94	46.36	68.30	-21.94	Peak	
2	10481.6000	28.51	10.94	39.45	54.00	-14.55	AVG	

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

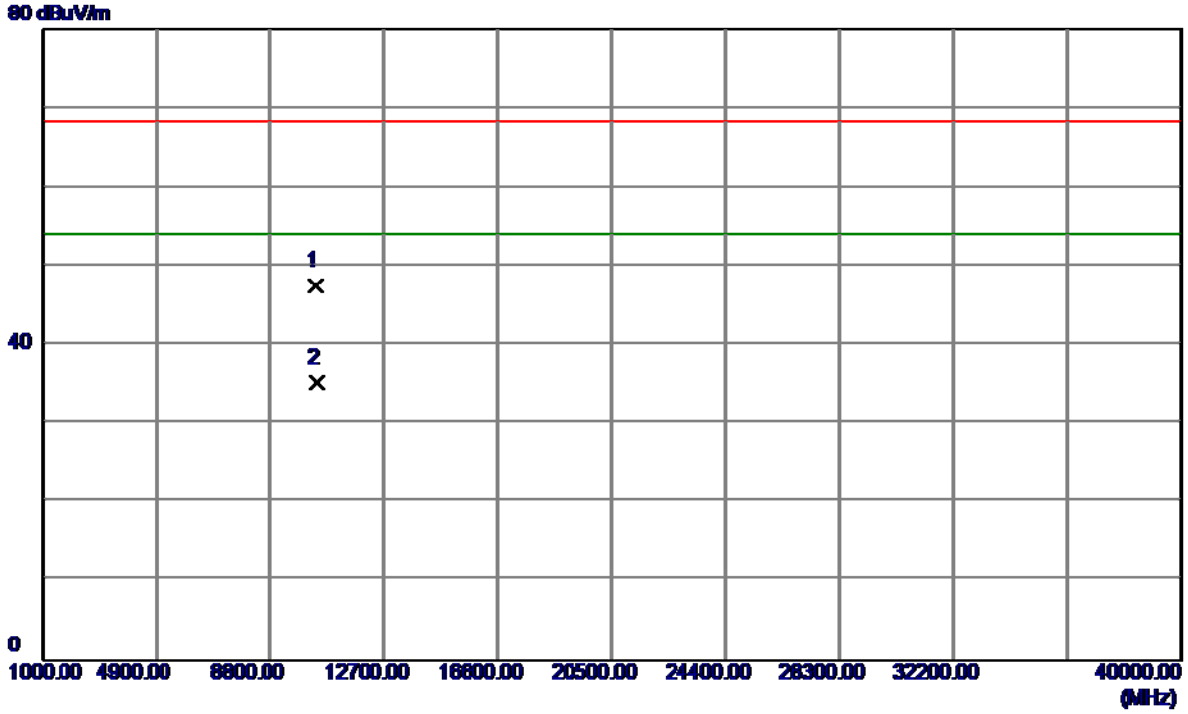
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.31	37.89	55.20	68.30	-13.10	Peak	
2	5150.0000	6.72	37.89	44.61	54.00	-9.39	AVG	
3	5184.8000	45.41	38.05	83.46	54.00	29.46	AVG	No Limit
4	5185.4000	55.08	38.05	93.13	68.30	24.83	Peak	No Limit

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

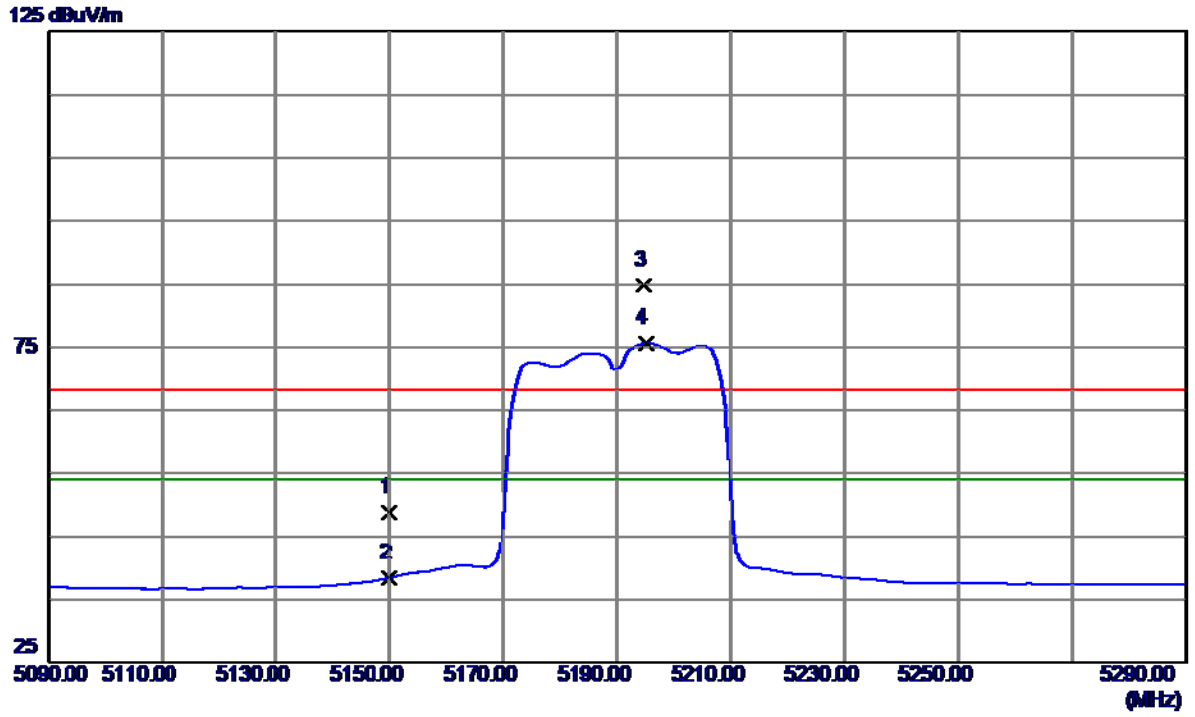
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10378.5000	36.44	11.08	47.52	68.30	-20.78	Peak	
2	10381.7000	24.19	11.08	35.27	54.00	-18.73	AVG	

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

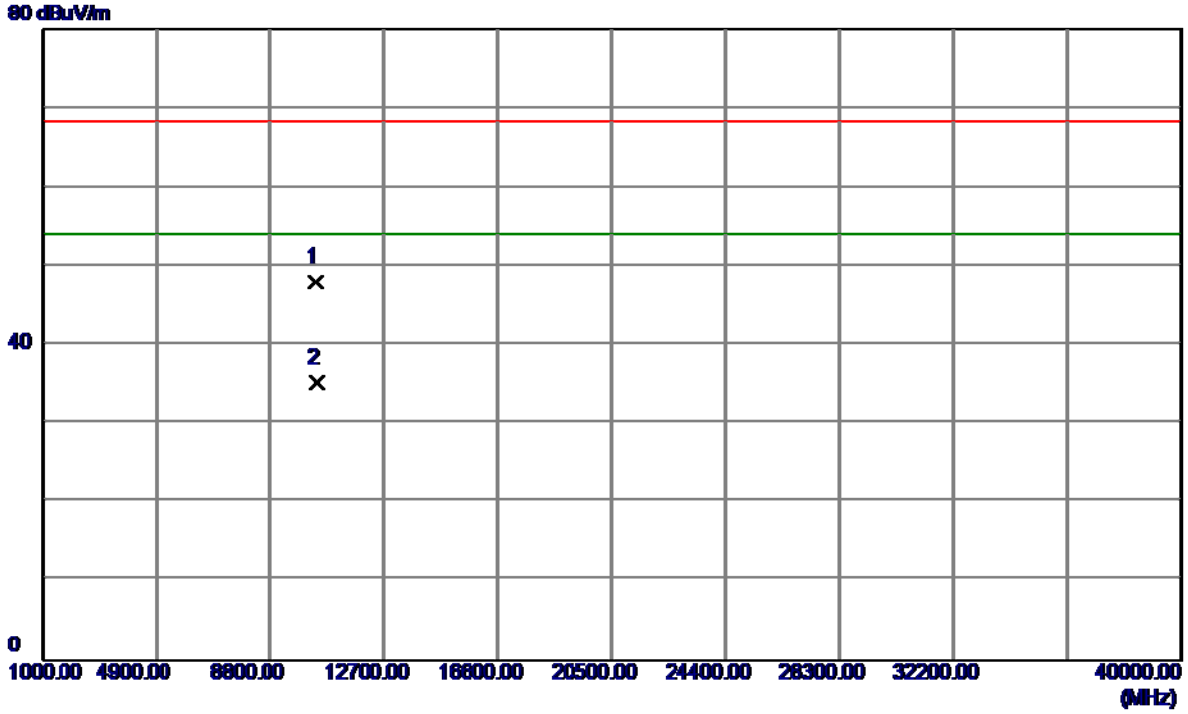
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.95	37.89	48.84	68.30	-19.46	Peak	
2	5150.0000	0.53	37.89	38.42	54.00	-15.58	AVG	
3	5194.6000	46.67	38.09	84.76	68.30	16.46	Peak	No Limit
4	5195.0000	37.52	38.09	75.61	54.00	21.61	AVG	No Limit

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

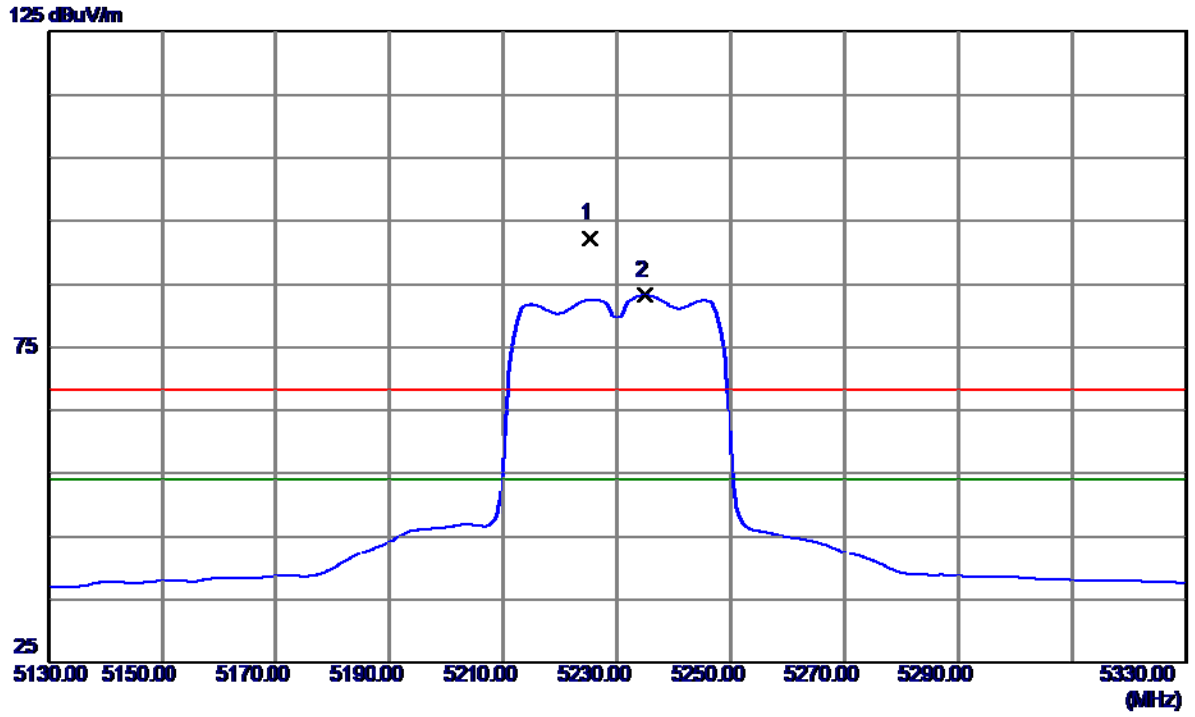
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10381.4000	36.87	11.08	47.95	68.30	-20.35	Peak	
2	10382.1000	24.17	11.07	35.24	54.00	-18.76	AVG	

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

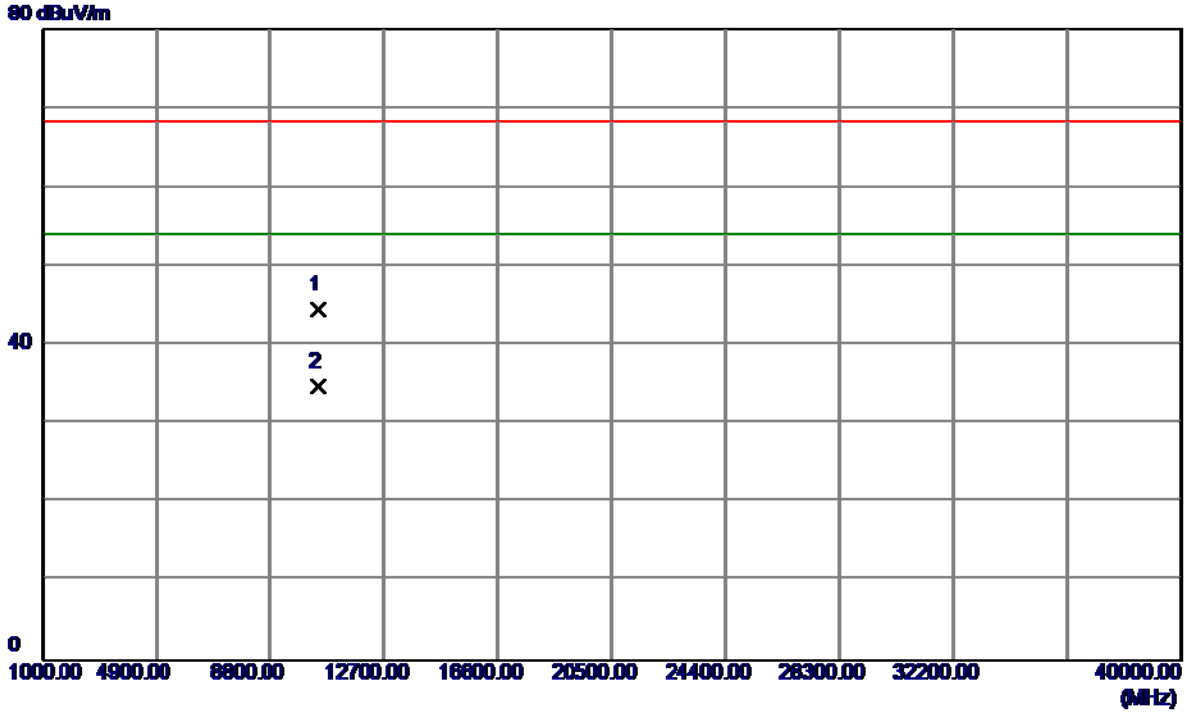
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5225.4000	53.98	38.23	92.21	68.30	23.91	Peak	No Limit
2	5234.8000	44.88	38.27	83.15	54.00	29.15	AVG	No Limit

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

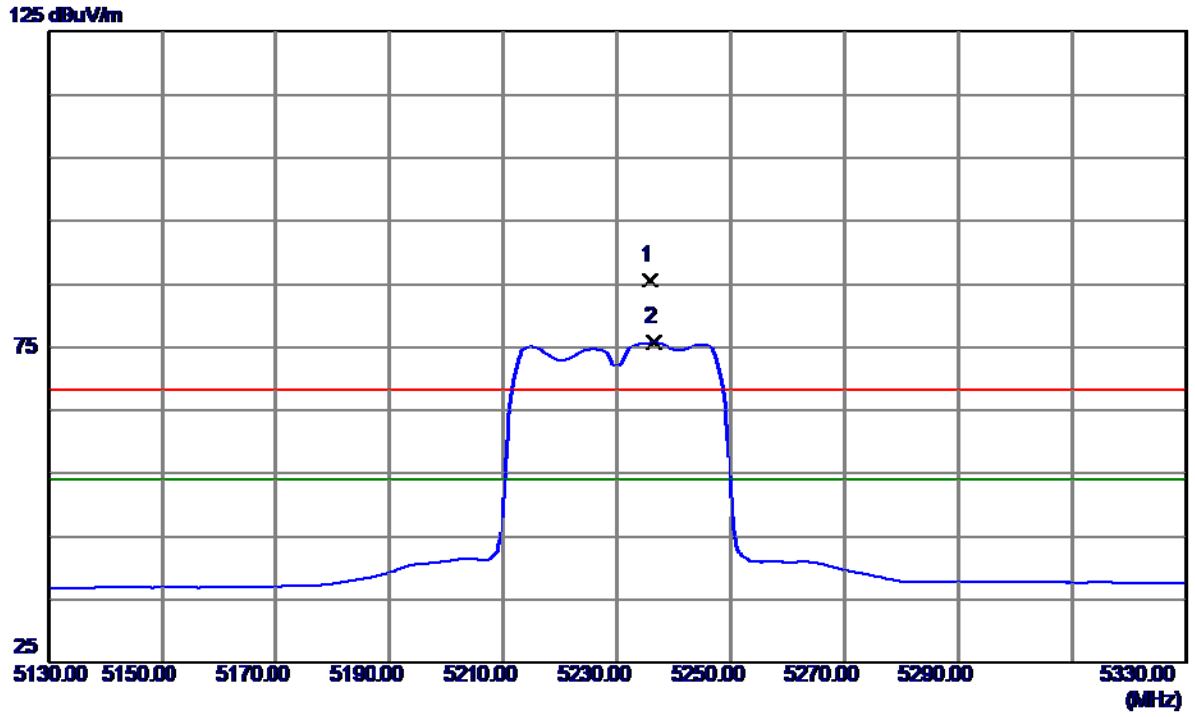
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.6000	33.51	10.97	44.48	68.30	-23.82	Peak	
2	10460.6000	23.70	10.97	34.67	54.00	-19.33	AVG	

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

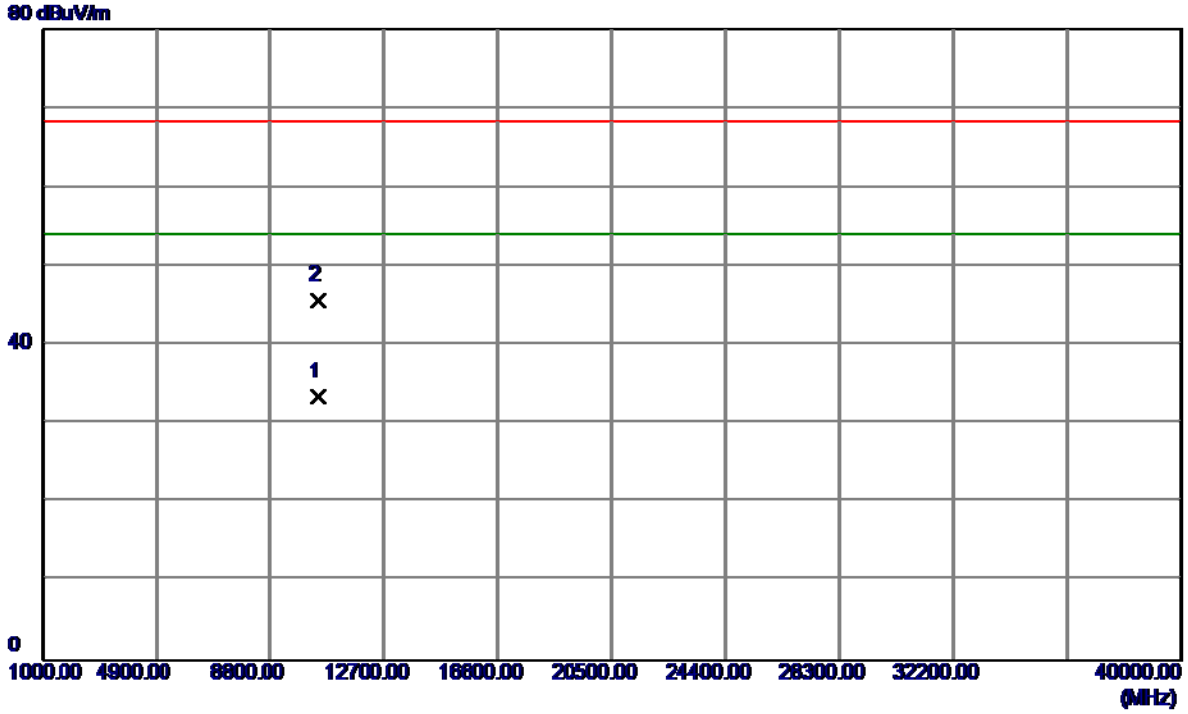
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5235.8000	47.31	38.27	85.58	68.30	17.28	Peak	No Limit
2	5236.4000	37.49	38.27	75.76	54.00	21.76	AVG	No Limit

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

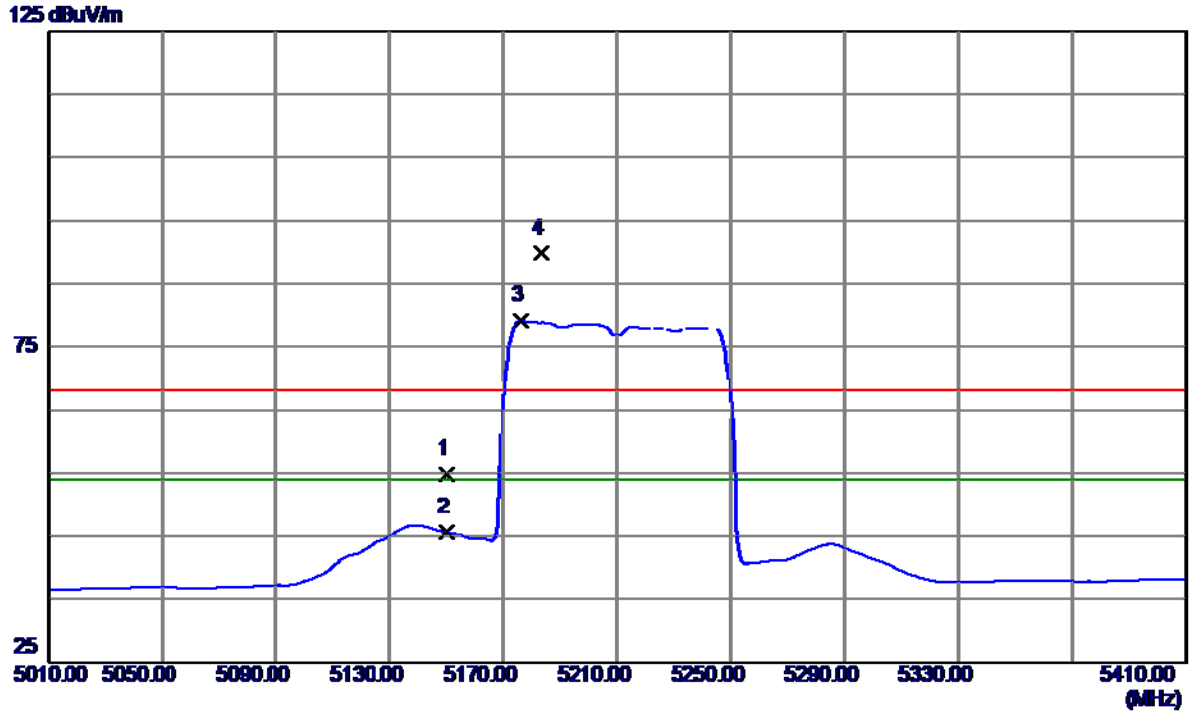
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.4000	22.52	10.97	33.49	54.00	-20.51	AVG	
2	10460.7000	34.72	10.96	45.68	68.30	-22.62	Peak	

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

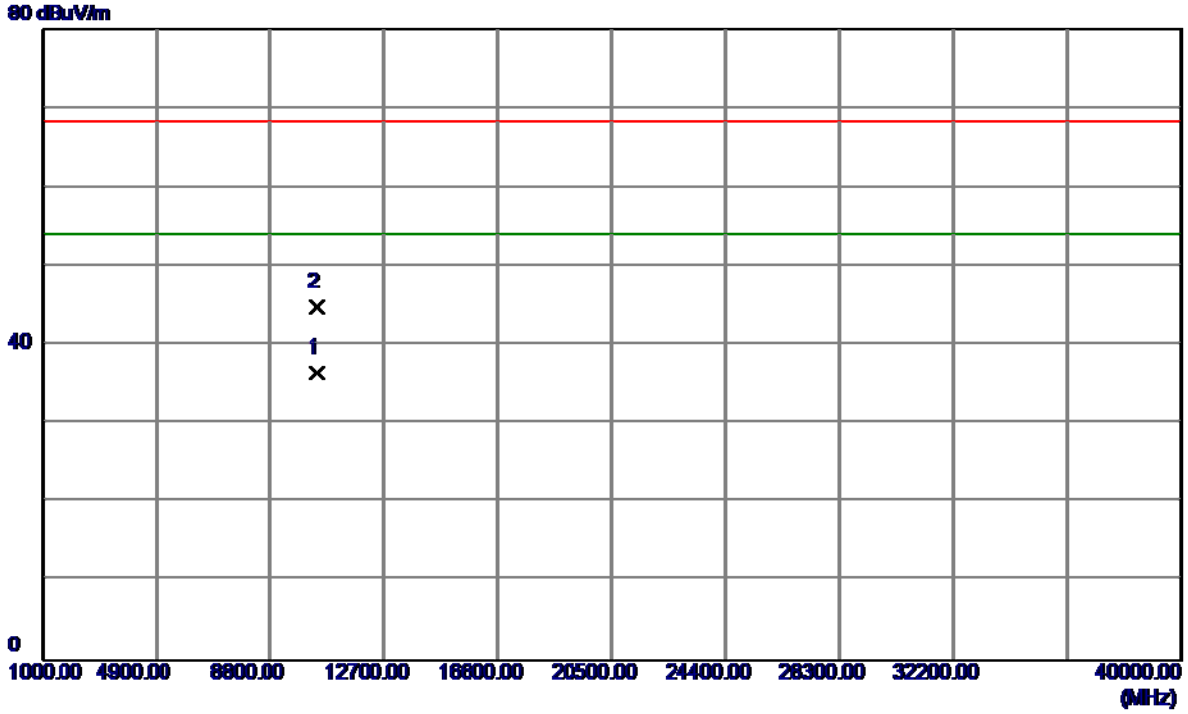
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.90	37.89	54.79	68.30	-13.51	Peak	
2	5150.0000	7.63	37.89	45.52	54.00	-8.48	AVG	
3	5176.4000	41.16	38.01	79.17	54.00	25.17	AVG	No Limit
4	5183.2000	51.67	38.04	89.71	68.30	21.41	Peak	No Limit

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

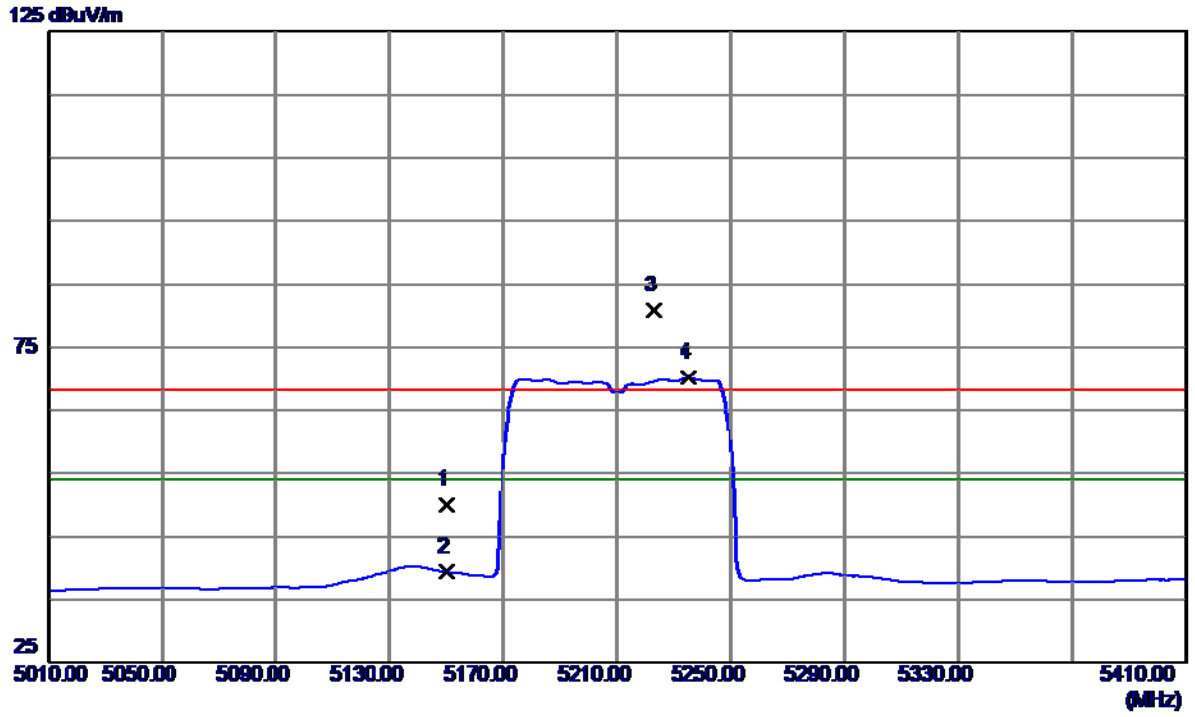
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10420.1200	25.43	11.02	36.45	54.00	-17.55	AVG	
2	10420.1900	33.81	11.02	44.83	68.30	-23.47	Peak	

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

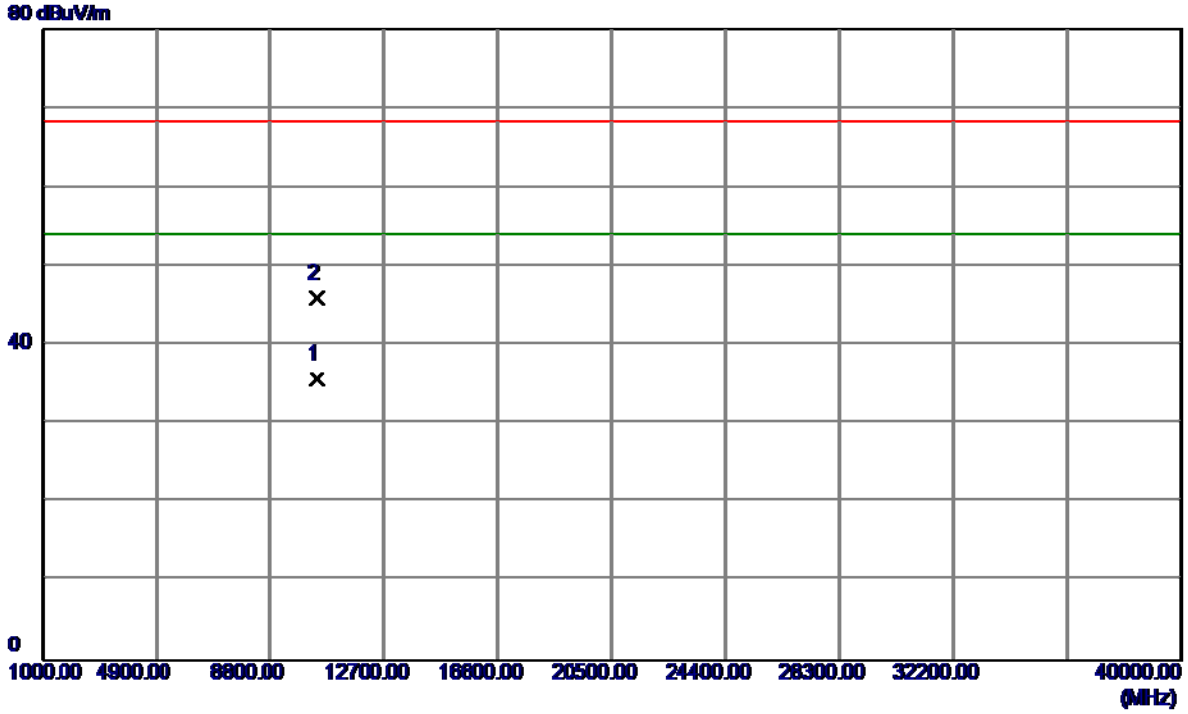
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.17	37.89	50.06	68.30	-18.24	Peak	
2	5150.0000	1.44	37.89	39.33	54.00	-14.67	AVG	
3	5222.8000	42.50	38.21	80.71	68.30	12.41	Peak	No Limit
4	5235.2000	31.84	38.27	70.11	54.00	16.11	AVG	No Limit

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

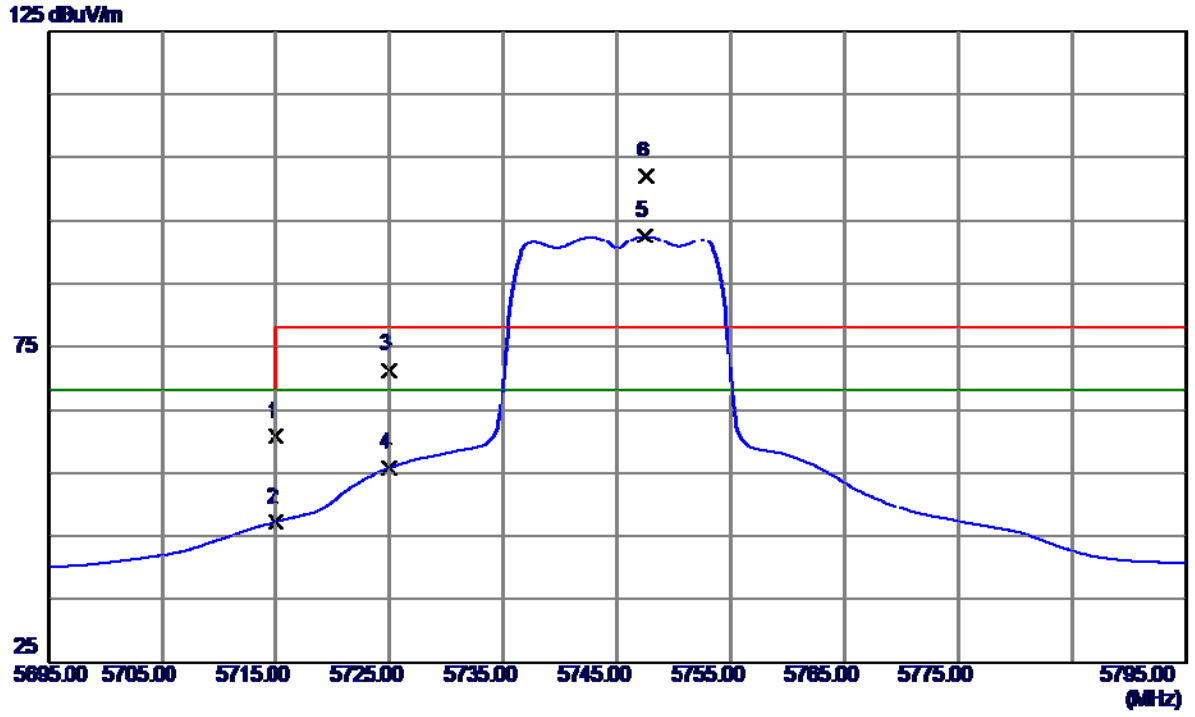
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10420.0500	24.59	11.02	35.61	54.00	-18.39	AVG	
2	10420.1900	34.87	11.02	45.89	68.30	-22.41	Peak	

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

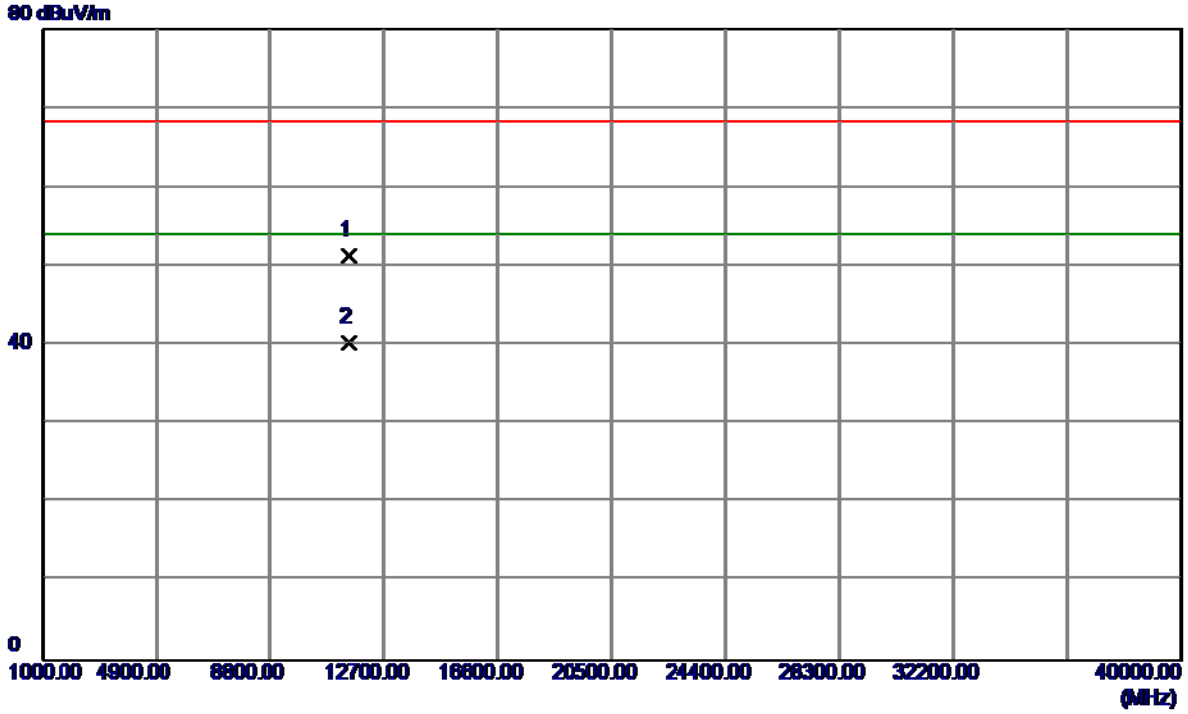
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.30	40.54	60.84	68.30	-7.46	Peak	
2	5715.0000	6.67	40.54	47.21	68.30	-21.09	AVG	
3	5725.0000	30.71	40.59	71.30	78.30	-7.00	Peak	
4	5725.0000	15.26	40.59	55.85	68.30	-12.45	AVG	
5	5747.4000	51.80	40.71	92.51	68.30	24.21	AVG	No Limit
6	5747.6000	61.24	40.71	101.95	78.30	23.65	Peak	No Limit

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

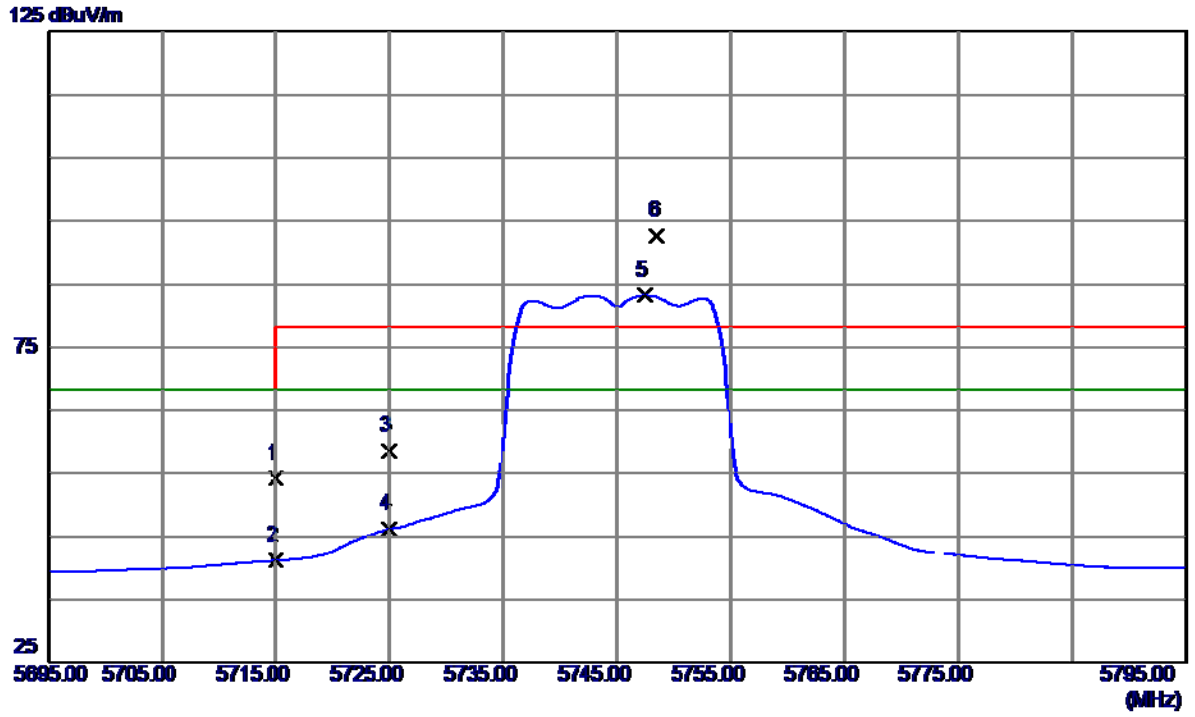
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11491.4000	38.39	12.91	51.30	68.30	-17.00	Peak	
2	11491.6000	27.44	12.91	40.35	54.00	-13.65	AVG	

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

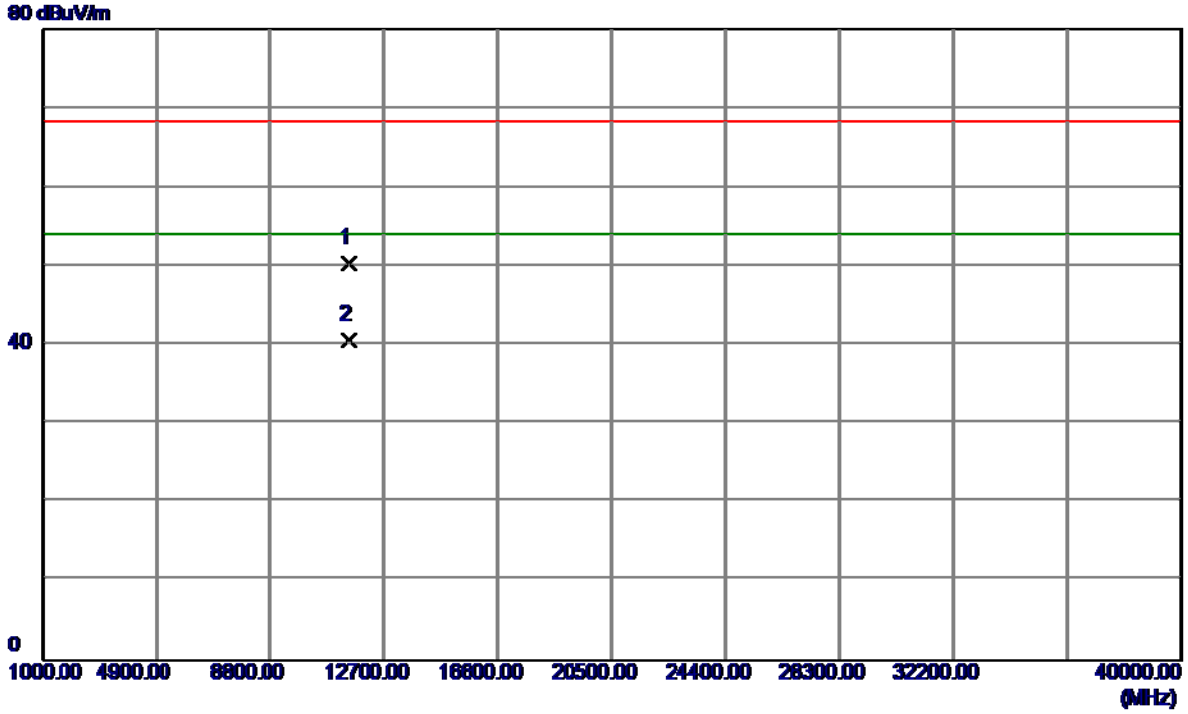
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.63	40.54	54.17	68.30	-14.13	Peak	
2	5715.0000	0.62	40.54	41.16	68.30	-27.14	AVG	
3	5725.0000	17.99	40.59	58.58	78.30	-19.72	Peak	
4	5725.0000	5.61	40.59	46.20	68.30	-22.10	AVG	
5	5747.4000	42.41	40.71	83.12	68.30	14.82	AVG	No Limit
6	5748.5000	51.89	40.71	92.60	78.30	14.30	Peak	No Limit

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

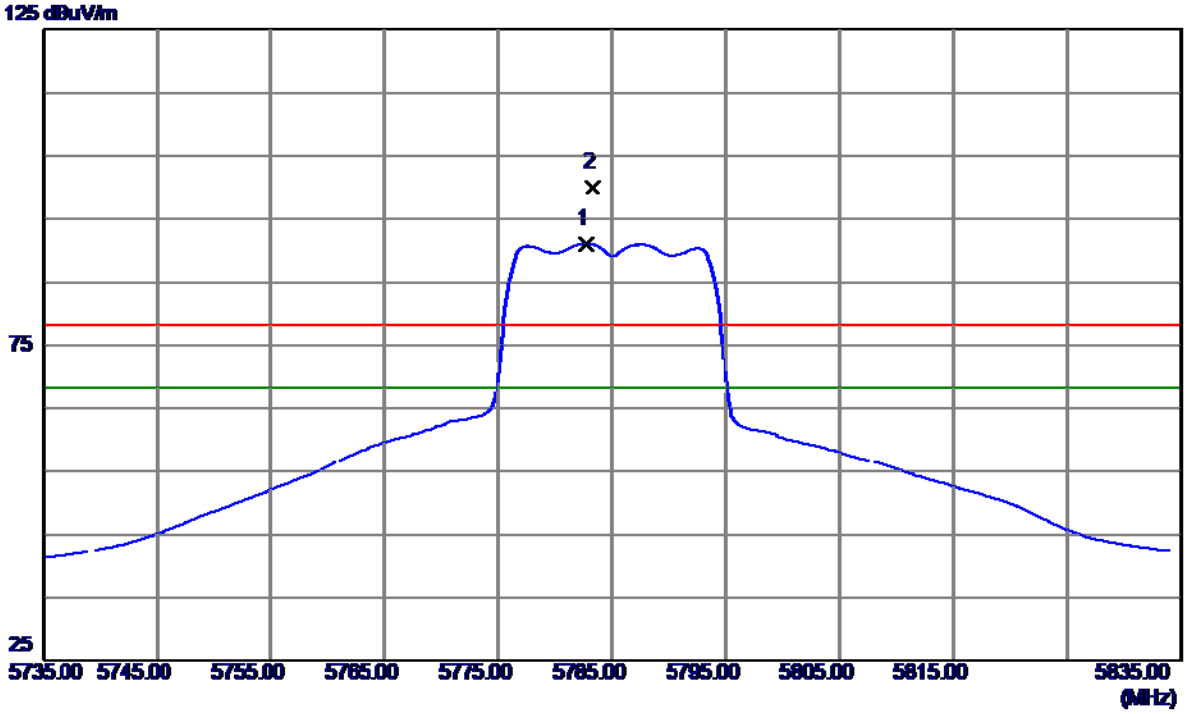
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.5000	37.49	12.91	50.40	68.30	-17.90	Peak	
2	11490.1000	27.74	12.91	40.65	54.00	-13.35	AVG	

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

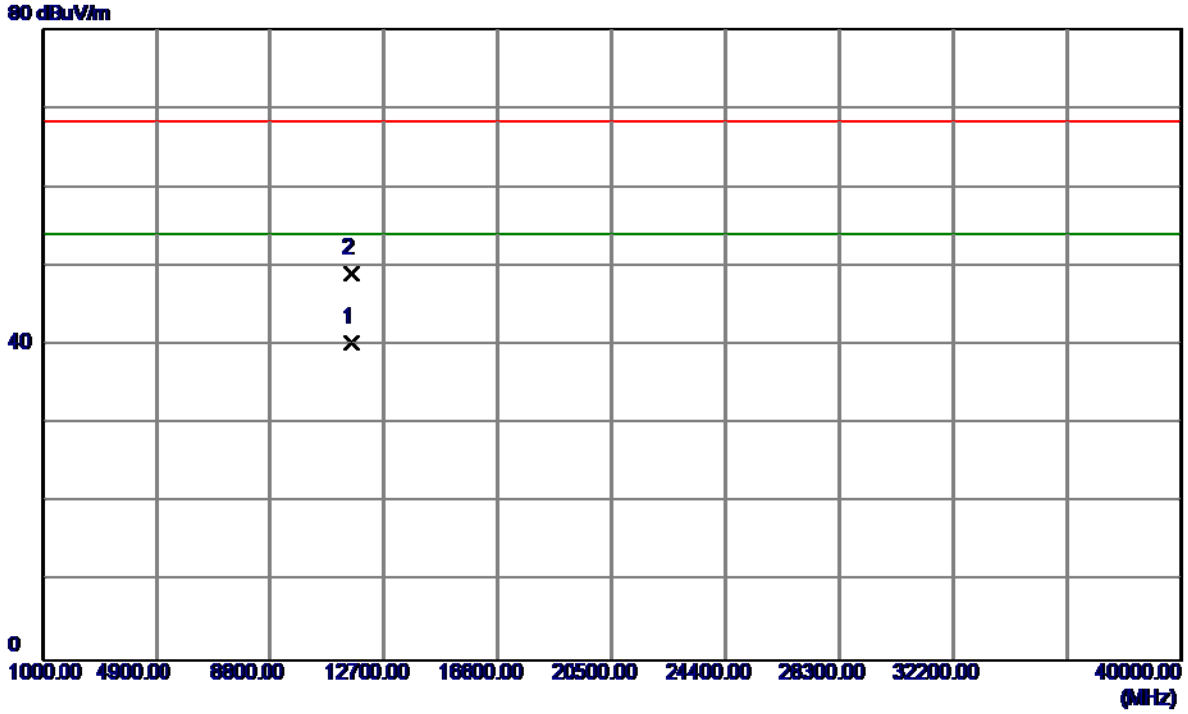
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5782.8000	50.17	40.89	91.06	68.30	22.76	AVG	No Limit
2	5783.3000	59.15	40.89	100.04	78.30	21.74	Peak	No Limit

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

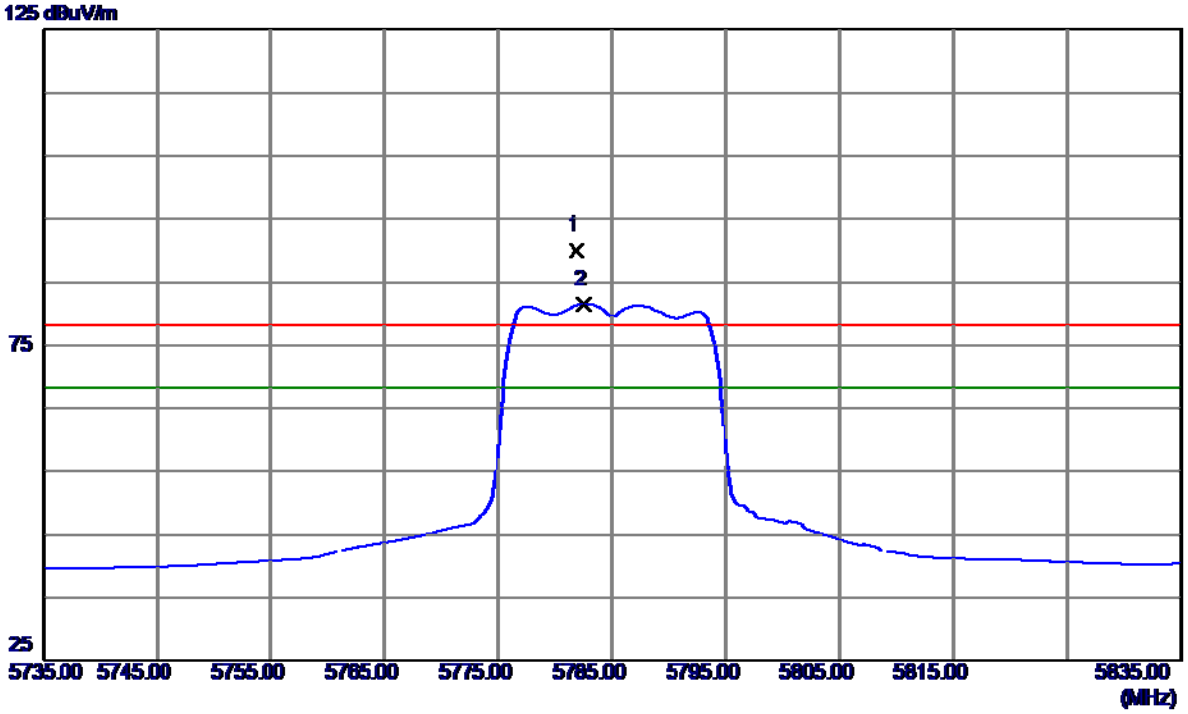
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.4000	27.43	12.89	40.32	54.00	-13.68	AVG	
2	11572.3000	36.18	12.89	49.07	68.30	-19.23	Peak	

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

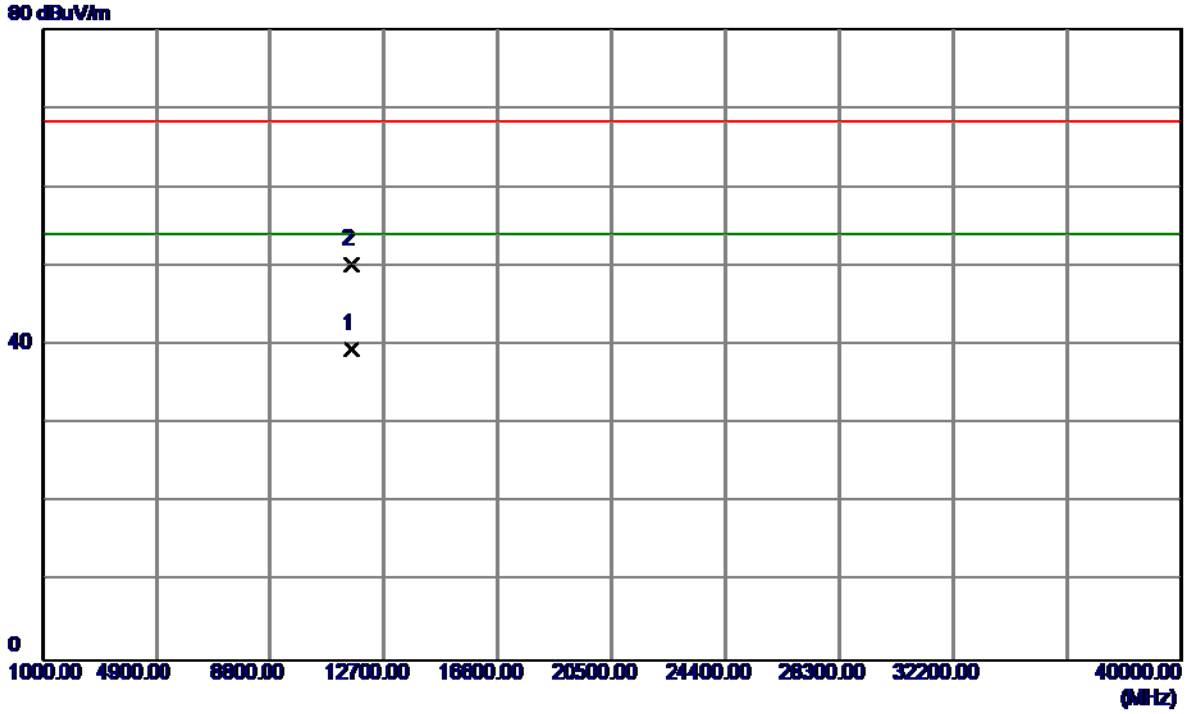
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5781.9000	49.12	40.88	90.00	78.30	11.70	Peak	No Limit
2	5782.6000	40.56	40.89	81.45	68.30	13.15	AVG	No Limit

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

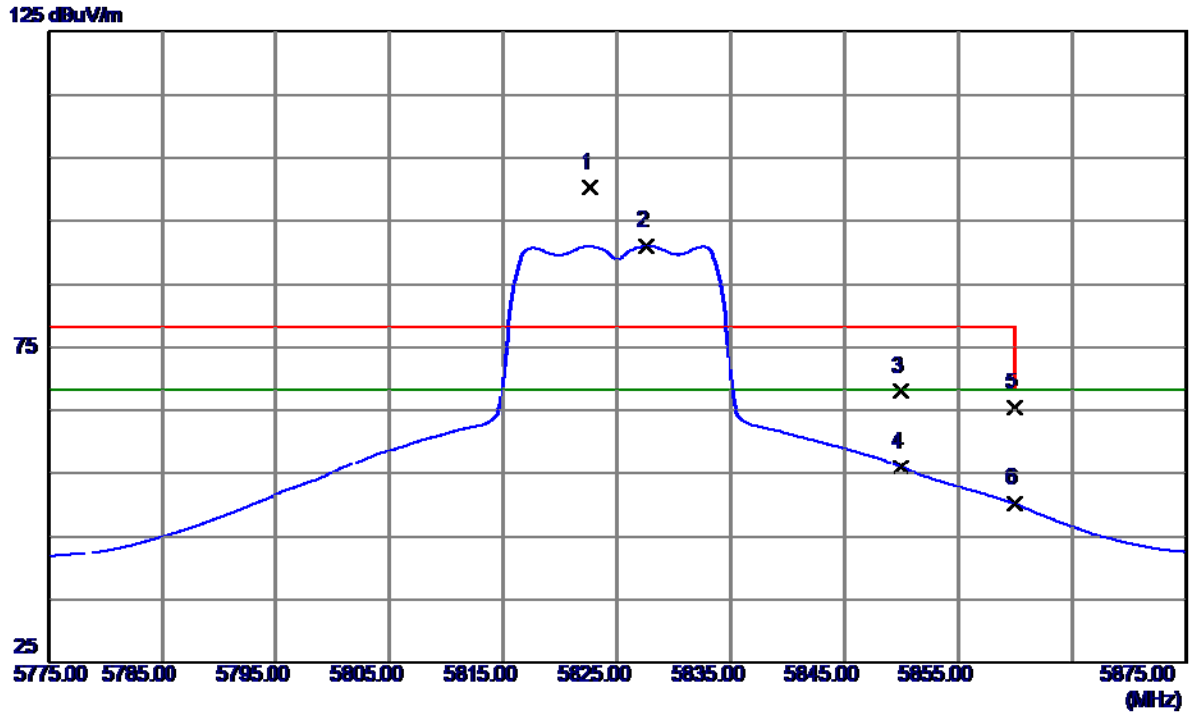
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11571.1000	26.63	12.89	39.52	54.00	-14.48	AVG	
2	11571.9000	37.28	12.89	50.17	68.30	-18.13	Peak	

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

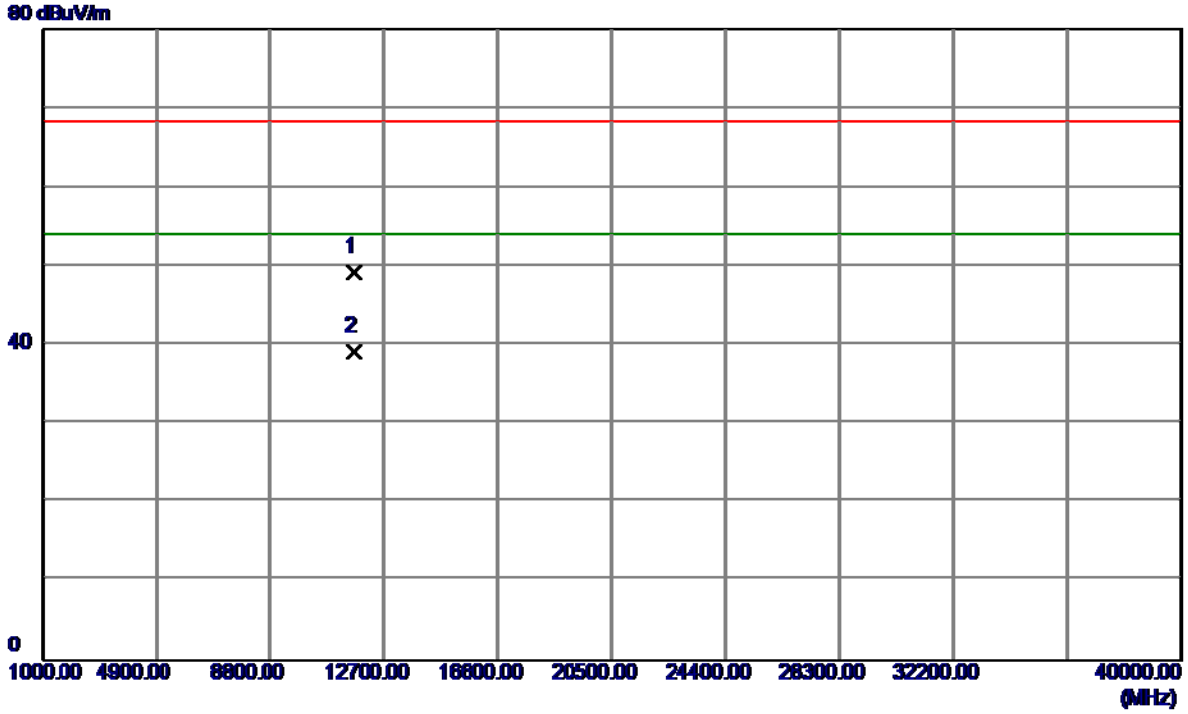
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5822.7000	59.21	41.09	100.30	78.30	22.00	Peak	No Limit
2	5827.6000	49.90	41.12	91.02	68.30	22.72	AVG	No Limit
3	5850.0000	26.68	41.23	67.91	78.30	-10.39	Peak	
4	5850.0000	14.73	41.23	55.96	68.30	-12.34	AVG	
5	5860.0000	24.08	41.28	65.36	78.30	-12.94	Peak	
6	5860.0000	8.84	41.28	50.12	68.30	-18.18	AVG	

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

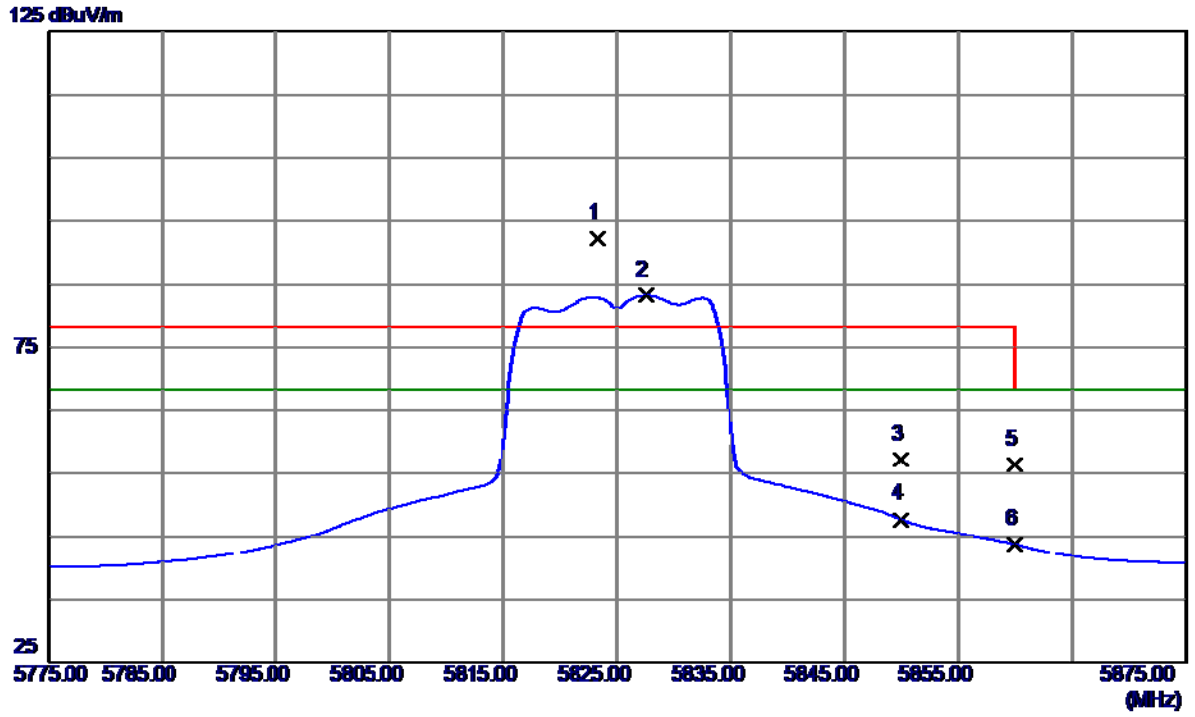
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.3000	36.45	12.84	49.29	68.30	-19.01	Peak	
2	11654.9000	26.42	12.84	39.26	54.00	-14.74	AVG	

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

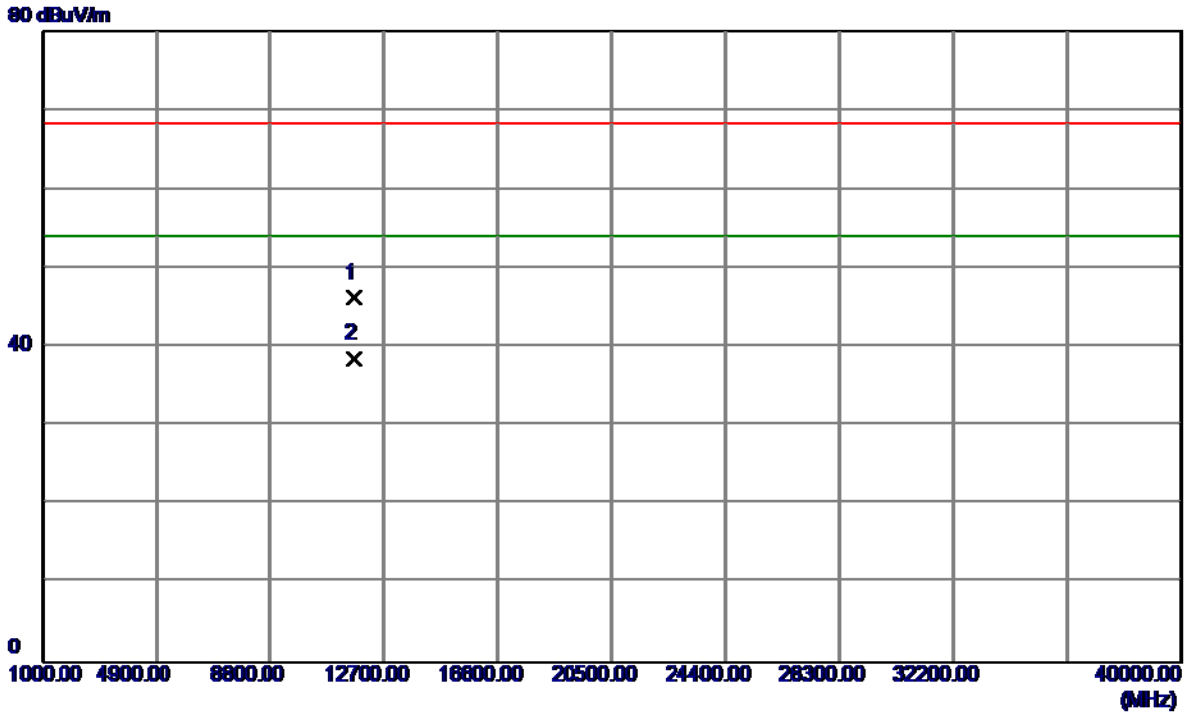
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5823.3000	51.10	41.10	92.20	78.30	13.90	Peak	No Limit
2	5827.5000	42.01	41.12	83.13	68.30	14.83	AVG	No Limit
3	5850.0000	16.01	41.23	57.24	78.30	-21.06	Peak	
4	5850.0000	6.47	41.23	47.70	68.30	-20.60	AVG	
5	5860.0000	15.18	41.28	56.46	78.30	-21.84	Peak	
6	5860.0000	2.50	41.28	43.78	68.30	-24.52	AVG	

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

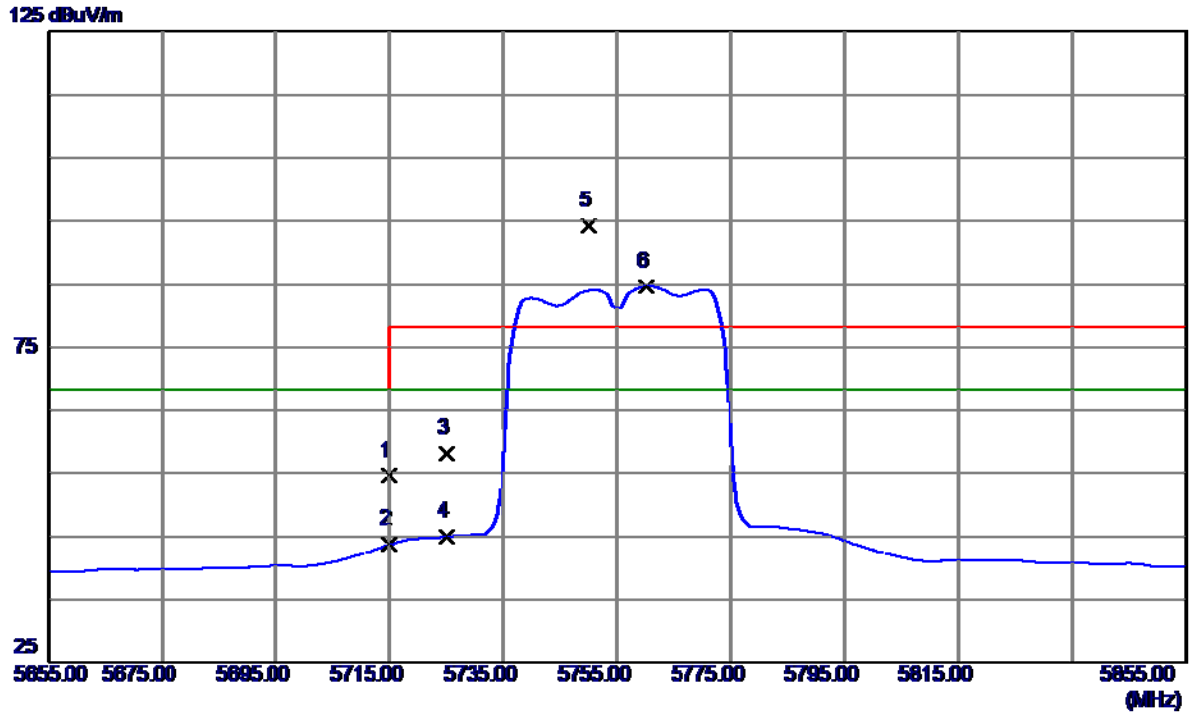
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.6000	33.41	12.84	46.25	68.30	-22.05	Peak	
2	11651.7000	25.73	12.84	38.57	54.00	-15.43	AVG	

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

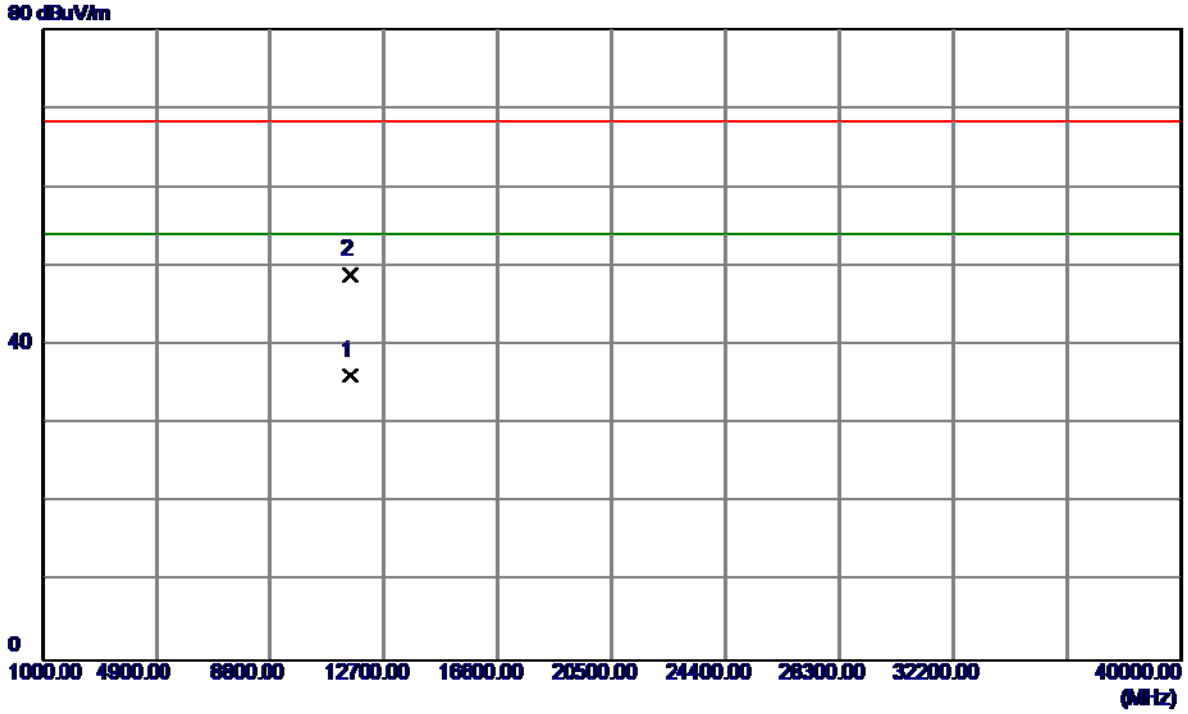
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	14.13	40.54	54.67	68.30	-13.63	Peak	
2	5715.0000	3.17	40.54	43.71	68.30	-24.59	AVG	
3	5725.0000	17.59	40.59	58.18	78.30	-20.12	Peak	
4	5725.0000	4.42	40.59	45.01	68.30	-23.29	AVG	
5	5750.2000	53.45	40.72	94.17	78.30	15.87	Peak	No Limit
6	5760.2000	43.81	40.77	84.58	68.30	16.28	AVG	No Limit

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

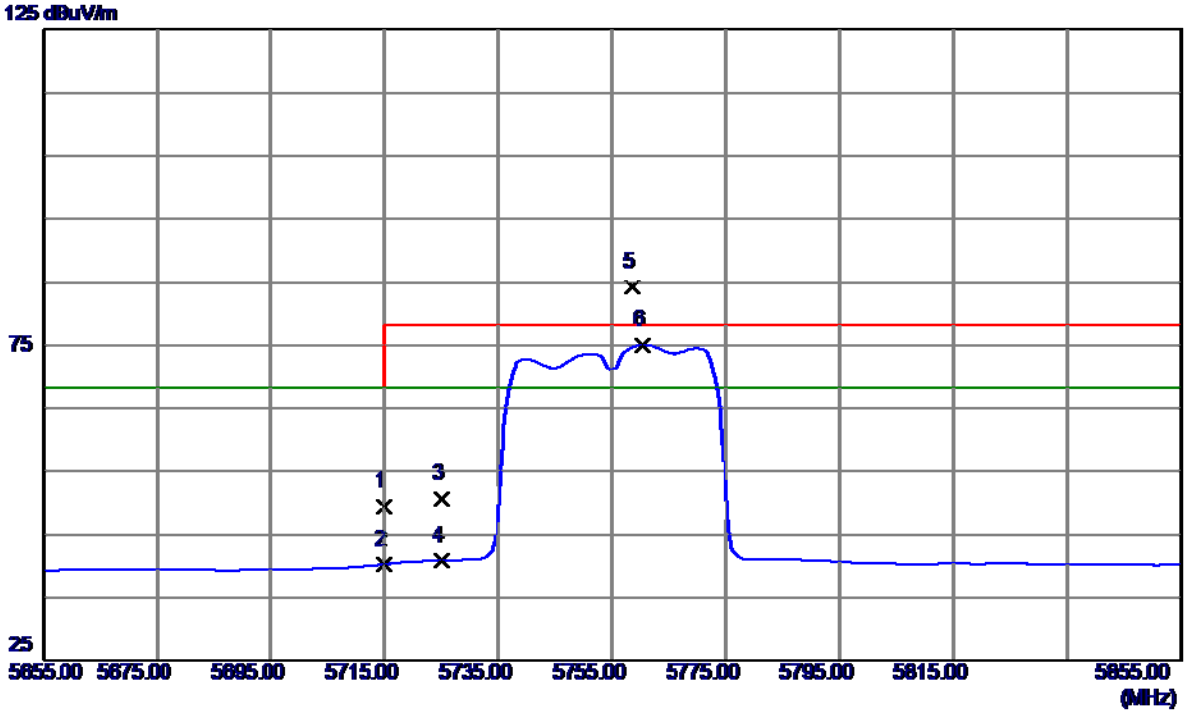
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11511.4100	23.28	12.93	36.21	54.00	-17.79	AVG	
2	11511.5800	36.09	12.93	49.02	68.30	-19.28	Peak	

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

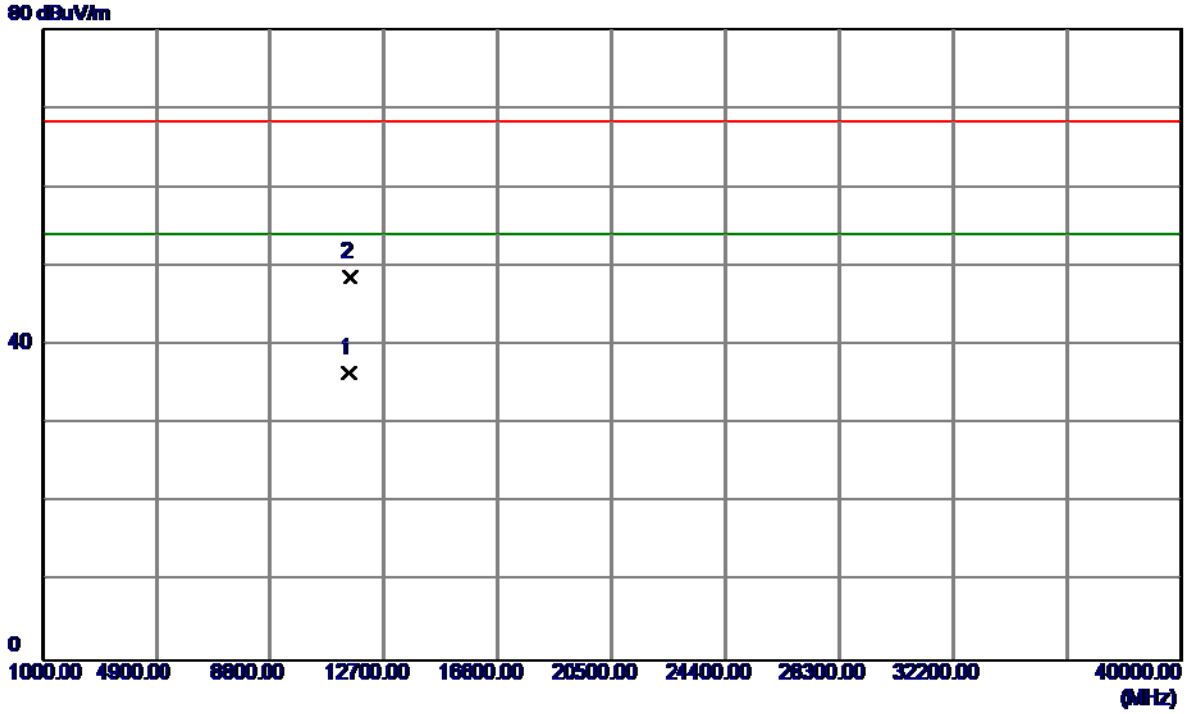
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	8.88	40.54	49.42	68.30	-18.88	Peak	
2	5715.0000	-0.33	40.54	40.21	68.30	-28.09	AVG	
3	5725.0000	10.06	40.59	50.65	78.30	-27.65	Peak	
4	5725.0000	0.20	40.59	40.79	68.30	-27.51	AVG	
5	5758.6000	43.39	40.76	84.15	78.30	5.85	Peak	No Limit
6	5760.4000	34.29	40.77	75.06	68.30	6.76	AVG	No Limit

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

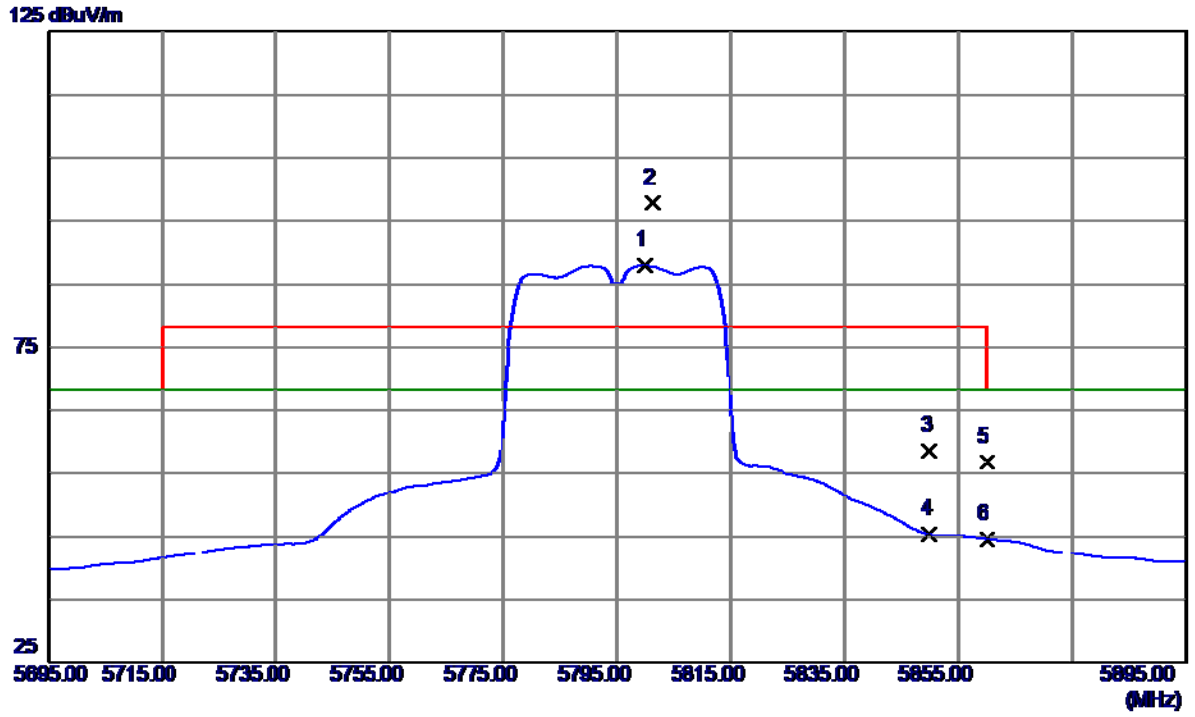
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11508.3000	23.55	12.93	36.48	54.00	-17.52	AVG	
2	11508.3400	35.64	12.93	48.57	68.30	-19.73	Peak	

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

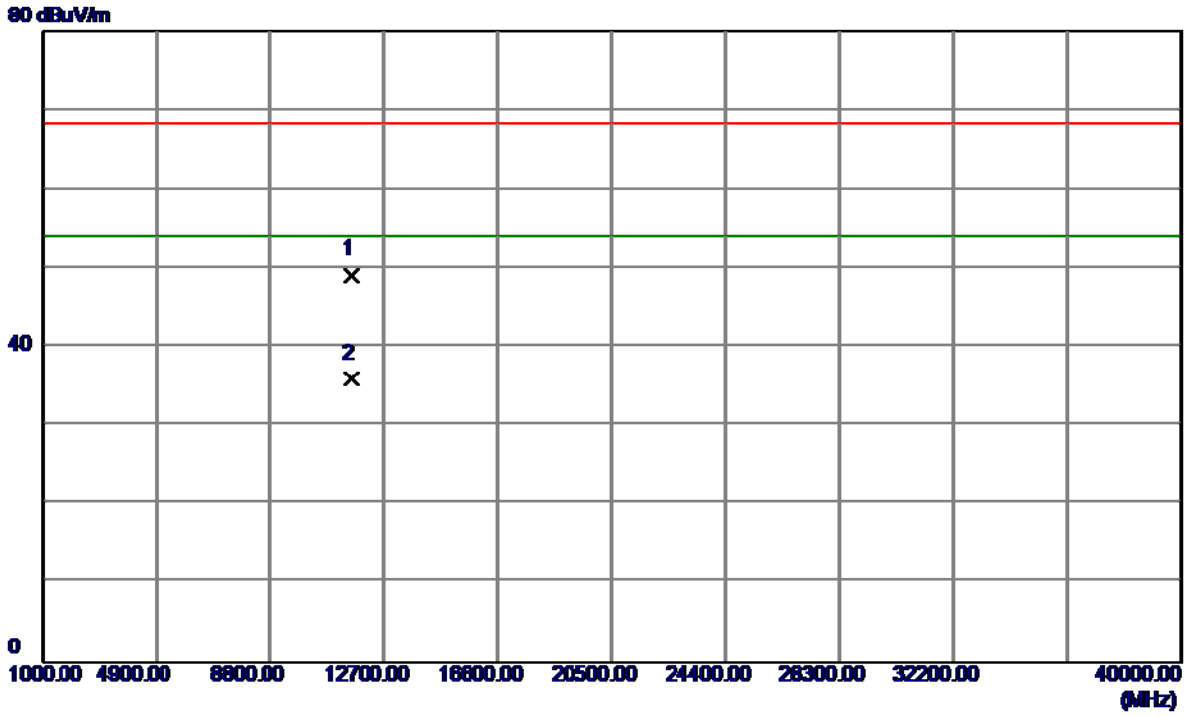
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5799.8000	47.00	40.97	87.97	68.30	19.67	AVG	No Limit
2	5801.2000	56.86	40.98	97.84	78.30	19.54	Peak	No Limit
3	5850.0000	17.45	41.23	58.68	78.30	-19.62	Peak	
4	5850.0000	4.09	41.23	45.32	68.30	-22.98	AVG	
5	5860.0000	15.56	41.28	56.84	78.30	-21.46	Peak	
6	5860.0000	3.38	41.28	44.66	68.30	-23.64	AVG	

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

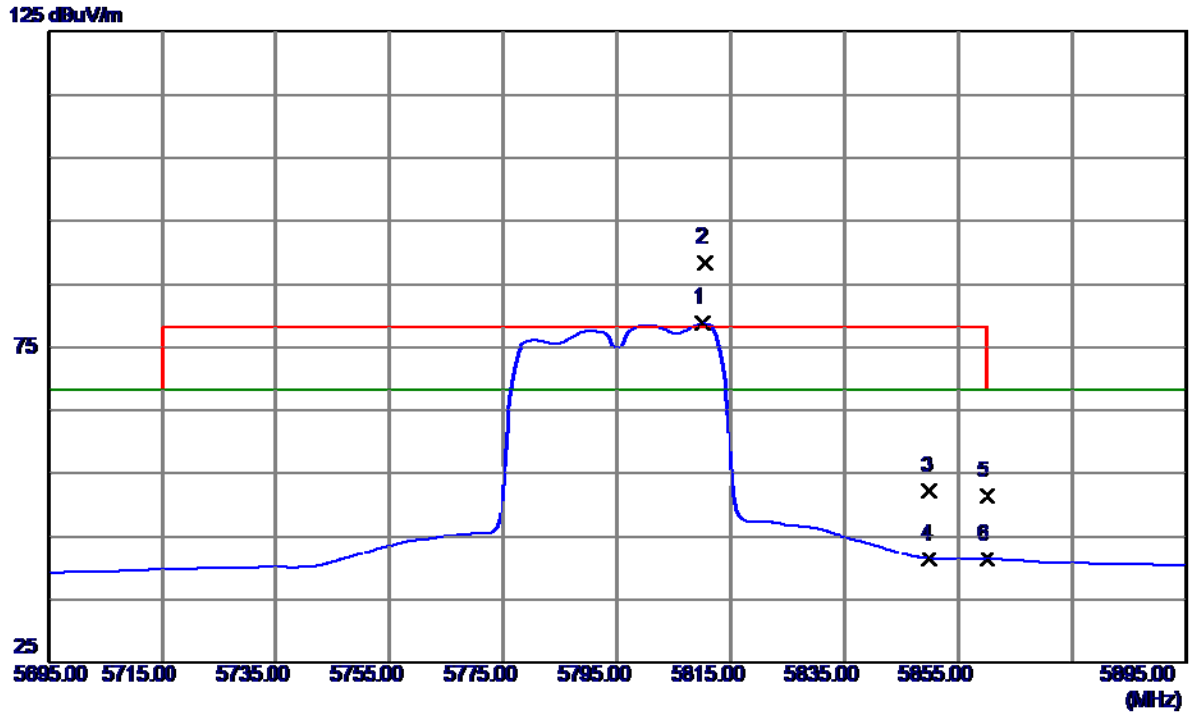
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11588.4400	36.32	12.88	49.20	68.30	-19.10	Peak	
2	11588.4400	23.17	12.88	36.05	54.00	-17.95	AVG	

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

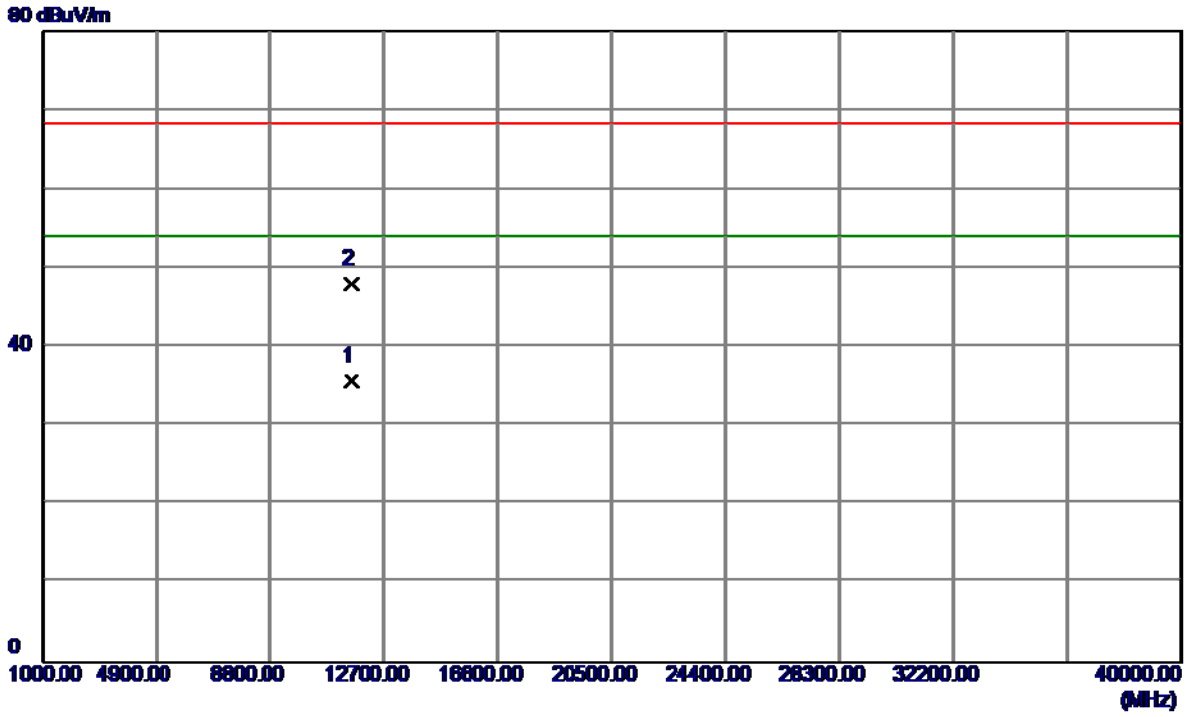
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5810.2000	37.69	41.03	78.72	68.30	10.42	AVG	No Limit
2	5810.6000	47.46	41.03	88.49	78.30	10.19	Peak	No Limit
3	5850.0000	10.98	41.23	52.21	78.30	-26.09	Peak	
4	5850.0000	0.25	41.23	41.48	68.30	-26.82	AVG	
5	5860.0000	10.15	41.28	51.43	78.30	-26.87	Peak	
6	5860.0000	0.05	41.28	41.33	68.30	-26.97	AVG	

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

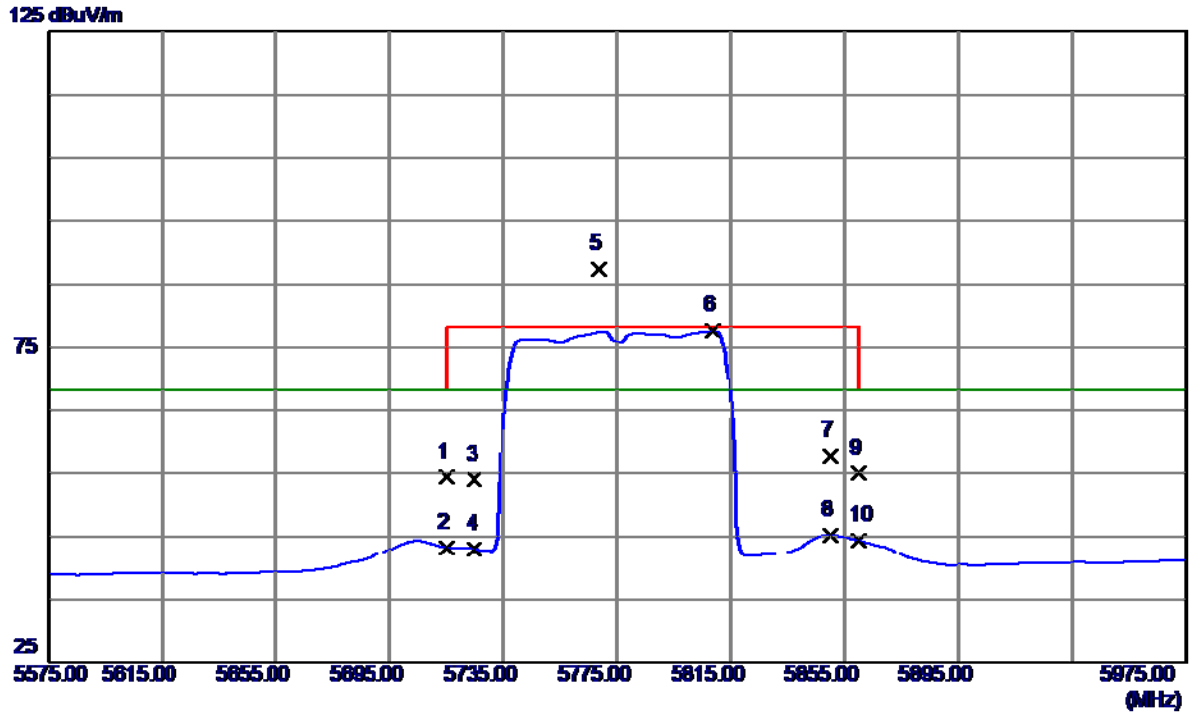
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11588.4200	22.78	12.88	35.66	54.00	-18.34	AVG	
2	11591.1700	35.12	12.88	48.00	68.30	-20.30	Peak	

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

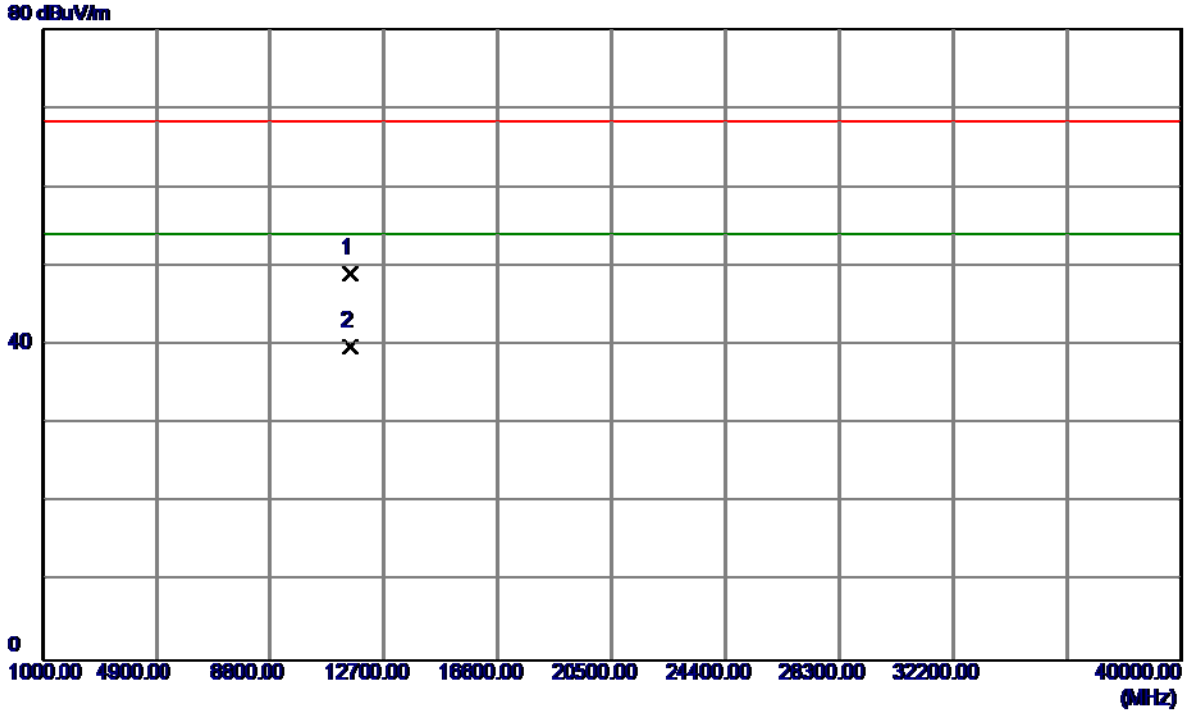
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.77	40.54	54.31	68.30	-13.99	Peak	
2	5715.0000	2.74	40.54	43.28	68.30	-25.02	AVG	
3	5725.0000	13.38	40.59	53.97	78.30	-24.33	Peak	
4	5725.0000	2.43	40.59	43.02	68.30	-25.28	AVG	
5	5768.6000	46.57	40.82	87.39	78.30	9.09	Peak	No Limit
6	5808.6000	36.49	41.02	77.51	68.30	9.21	AVG	No Limit
7	5850.0000	16.48	41.23	57.71	78.30	-20.59	Peak	
8	5850.0000	4.04	41.23	45.27	68.30	-23.03	AVG	
9	5860.0000	13.67	41.28	54.95	78.30	-23.35	Peak	
10	5860.0000	3.05	41.28	44.33	68.30	-23.97	AVG	

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

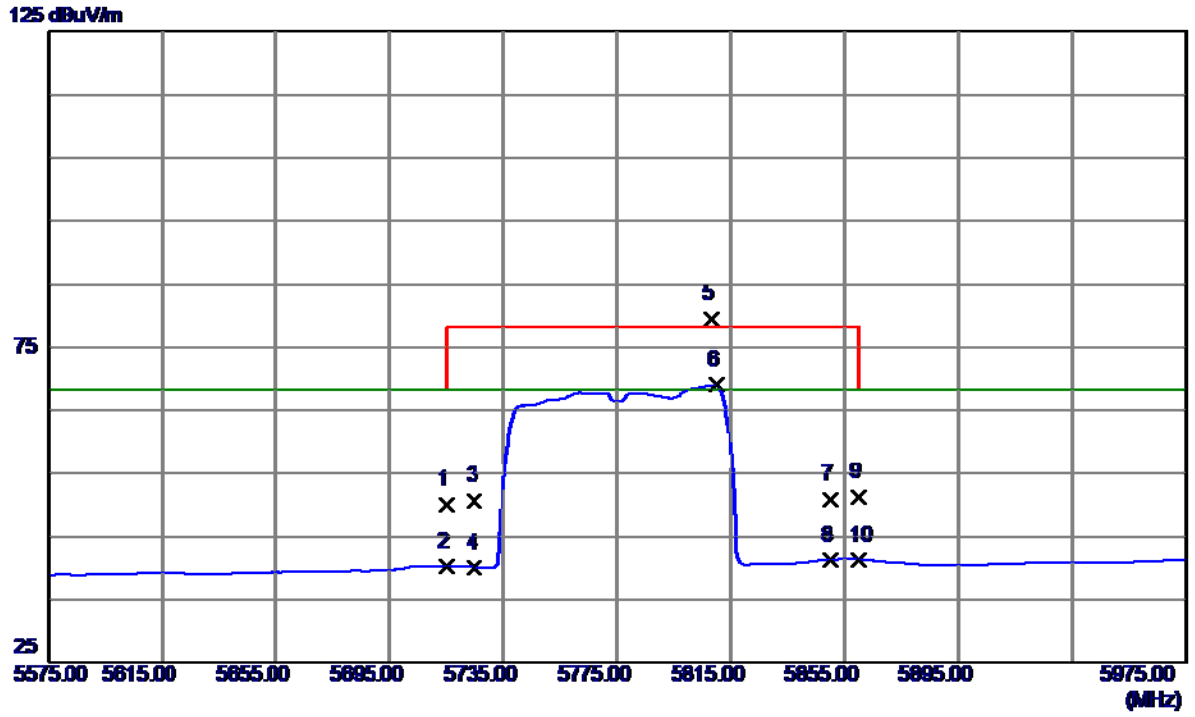
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11550.1900	36.17	12.91	49.08	68.30	-19.22	Peak	
2	11550.2200	26.94	12.91	39.85	54.00	-14.15	AVG	

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

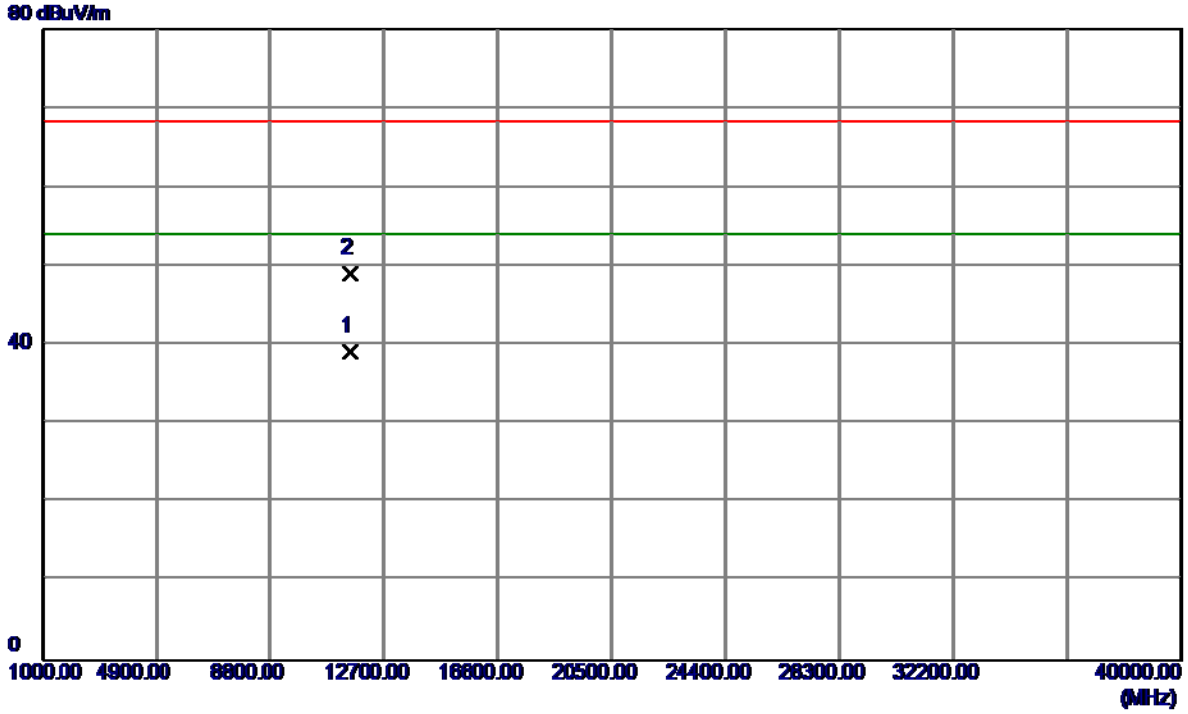
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	9.40	40.54	49.94	68.30	-18.36	Peak	
2	5715.0000	-0.35	40.54	40.19	68.30	-28.11	AVG	
3	5725.0000	9.99	40.59	50.58	78.30	-27.72	Peak	
4	5725.0000	-0.50	40.59	40.09	68.30	-28.21	AVG	
5	5808.2000	38.40	41.02	79.42	78.30	1.12	Peak	No Limit
6	5810.2000	27.88	41.03	68.91	68.30	0.61	AVG	No Limit
7	5850.0000	9.54	41.23	50.77	78.30	-27.53	Peak	
8	5850.0000	0.02	41.23	41.25	68.30	-27.05	AVG	
9	5860.0000	9.91	41.28	51.19	78.30	-27.11	Peak	
10	5860.0000	0.01	41.28	41.29	68.30	-27.01	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	11510.2200	26.33	12.93	39.26	54.00	-14.74	AVG	
2	11510.2300	36.19	12.93	49.12	68.30	-19.18	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

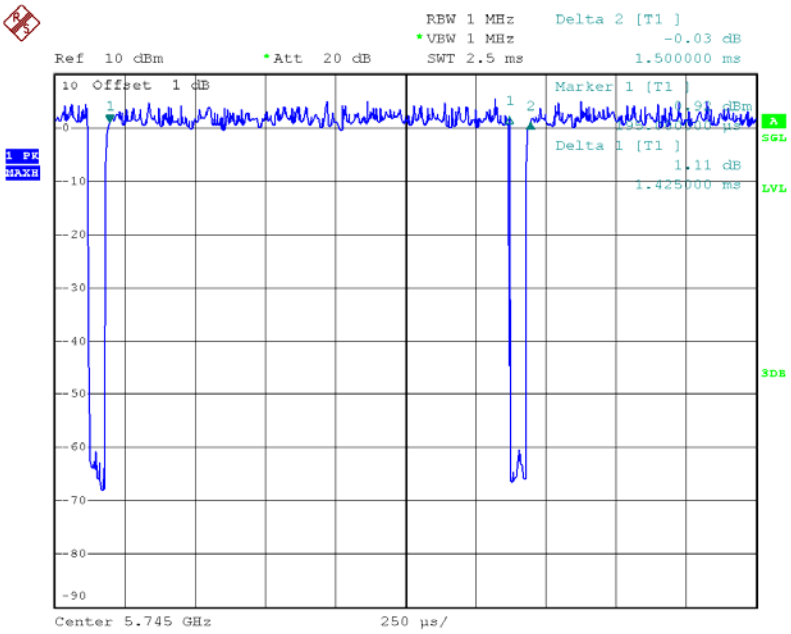
T_{ON}: 1.42 msec

T_{Total}: 1.50 msec

Duty cycle: 94.67%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.24



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}

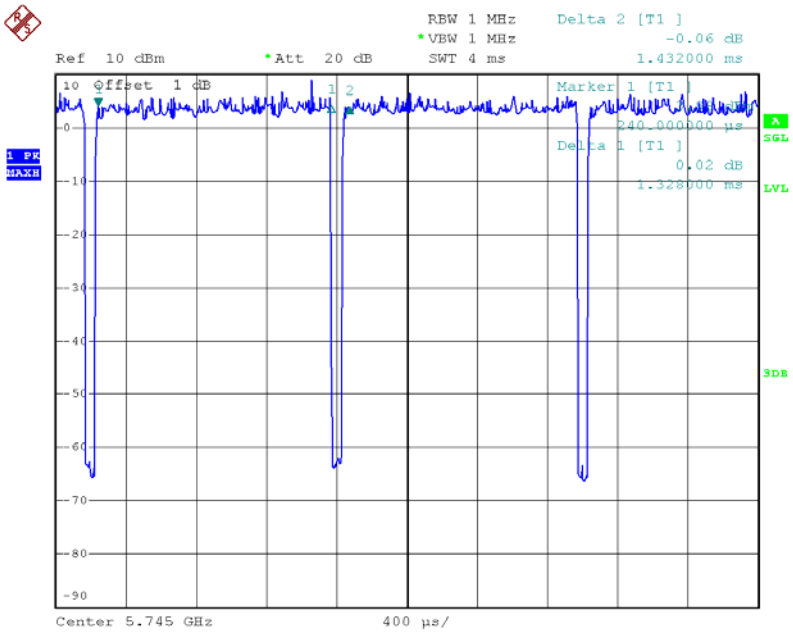
T_{ON}: 1.33 msec

T_{Total}: 1.43 msec

Duty cycle: 93.01%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.31



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

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

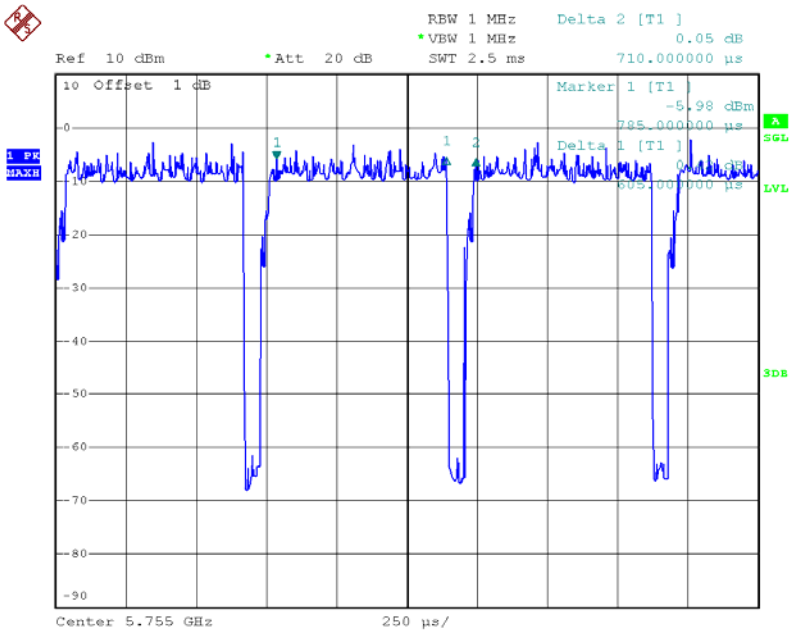
T_{ON}: 0.60 msec

T_{Total}: 0.71 msec

Duty cycle: 84.51%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.73



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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

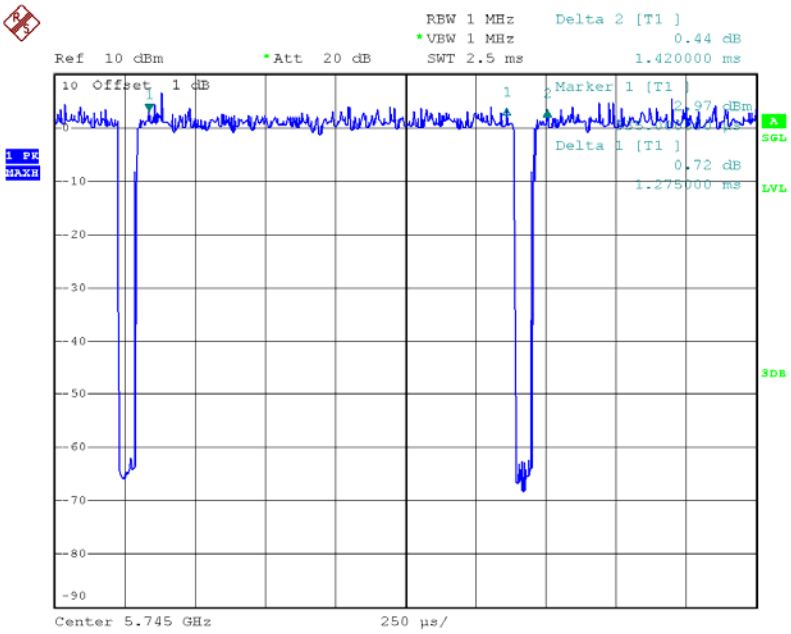
T_{ON}: 1.28 msec

T_{Total}: 1.42 msec

Duty cycle: 90.14%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.45



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}

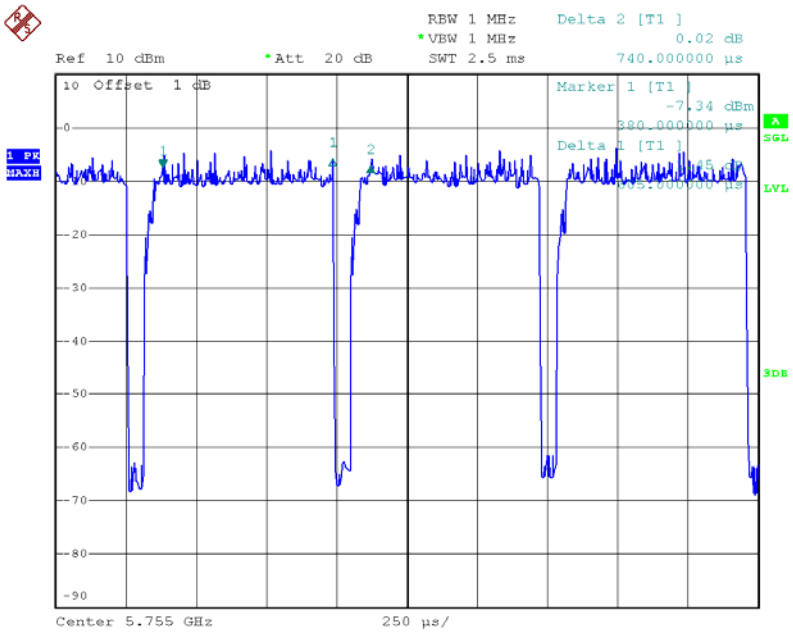
T_{ON}: 0.60 msec

T_{Total}: 0.74 msec

Duty cycle: 81.08%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.91



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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

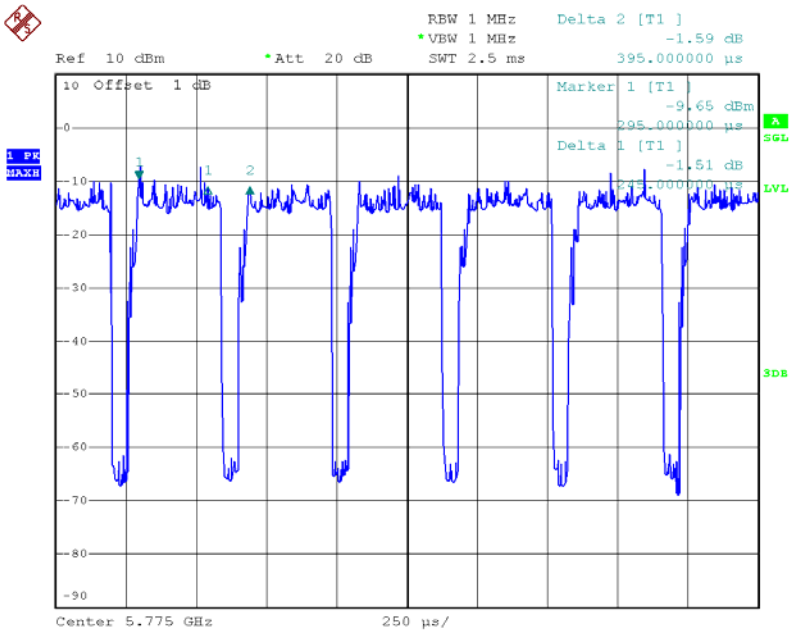
T_{ON}: 0.24 msec

T_{Total}: 0.40 msec

Duty cycle: 60.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 2.22



Date: 4.MAR.2016 16:24:57

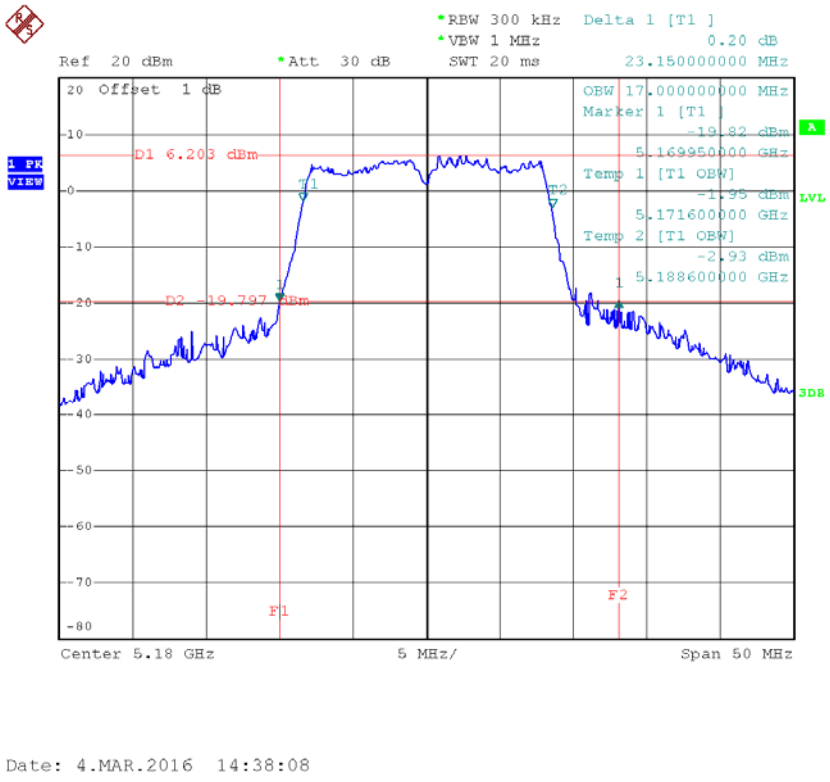
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

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

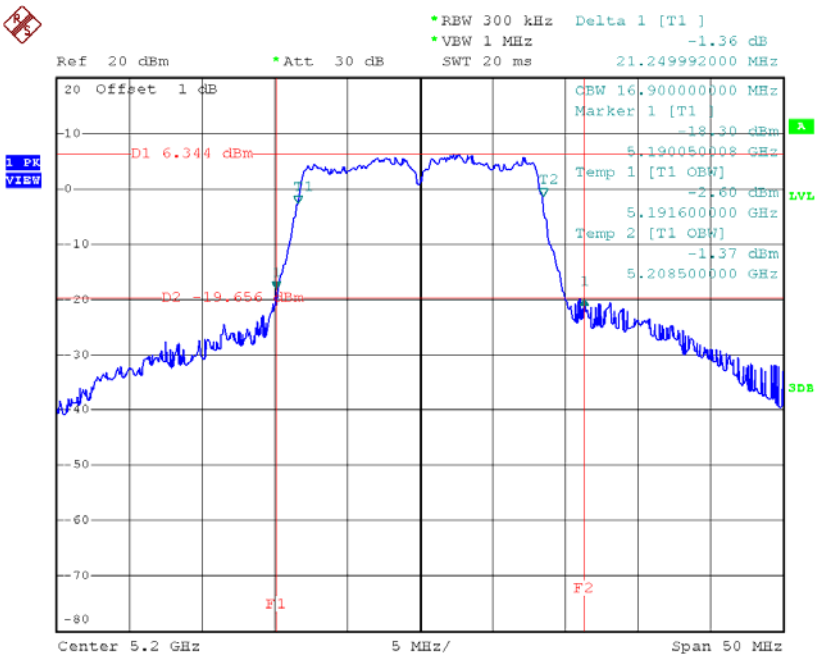
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	23.15	17.00
CH40	5200	21.25	16.90
CH48	5240	20.01	16.80

TX CH36



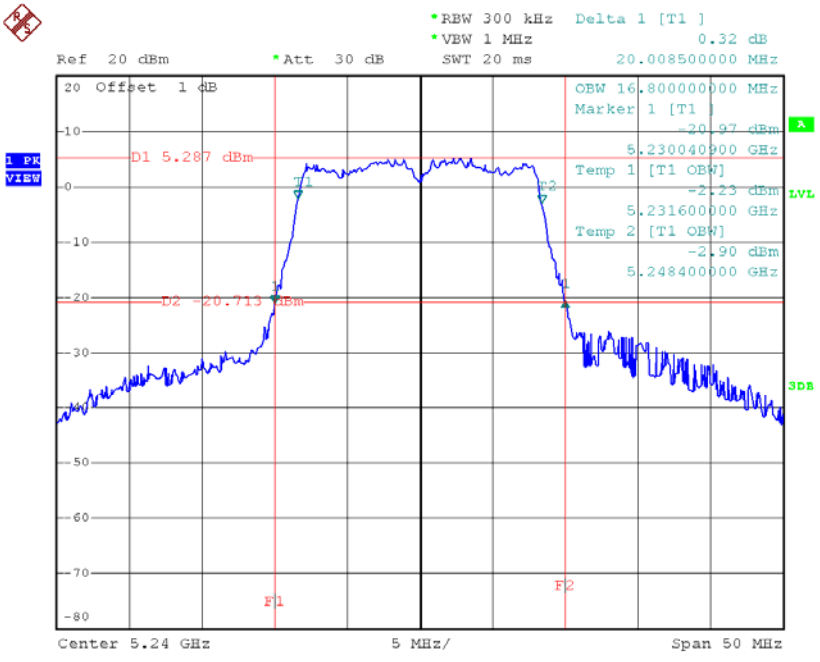
Date: 4.MAR.2016 14:38:08

TX CH40



Date: 4.MAR.2016 14:48:56

TX CH48

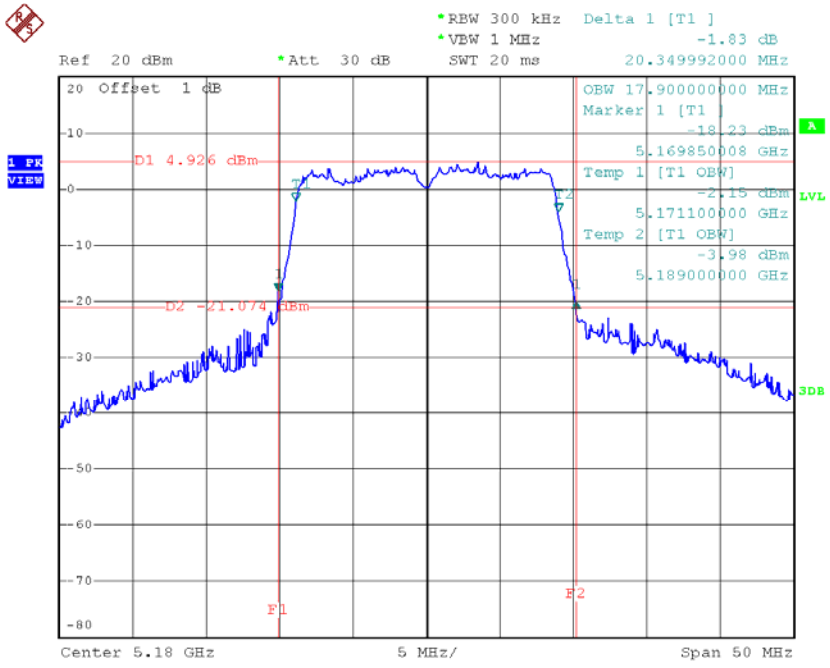


Date: 4.MAR.2016 14:49:58

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

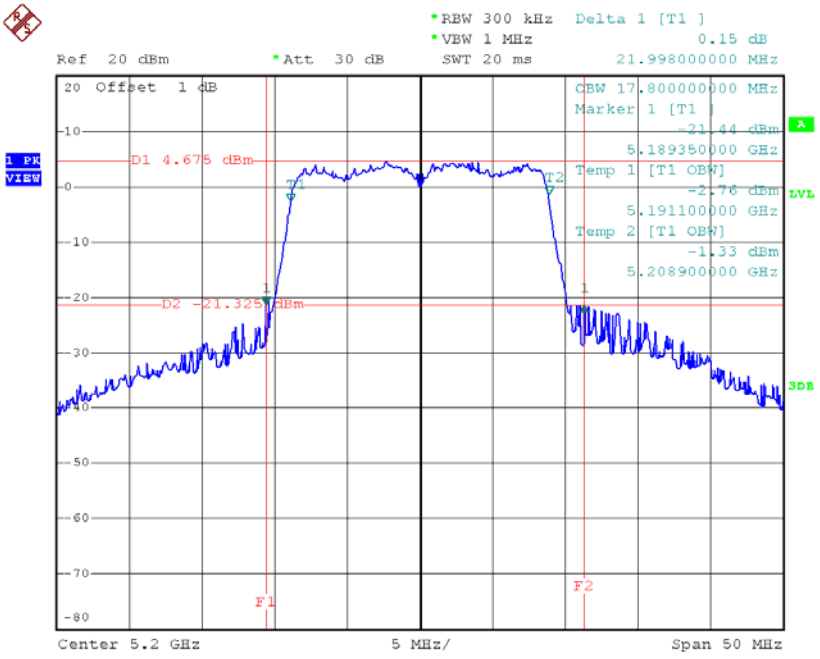
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.35	17.90
CH40	5200	22.00	17.80
CH48	5240	20.61	17.80

TX CH36



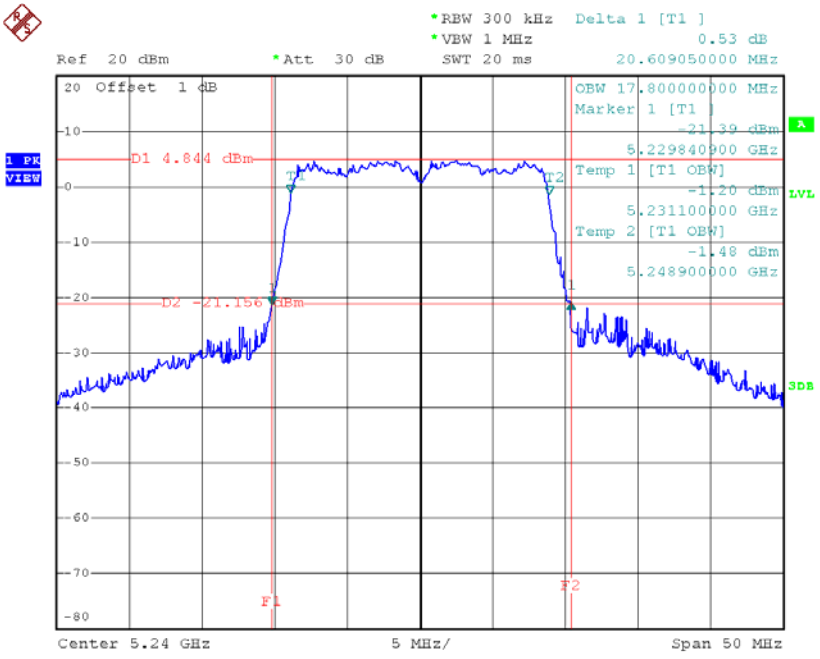
Date: 4.MAR.2016 15:17:46

TX CH40



Date: 4.MAR.2016 15:19:39

TX CH48

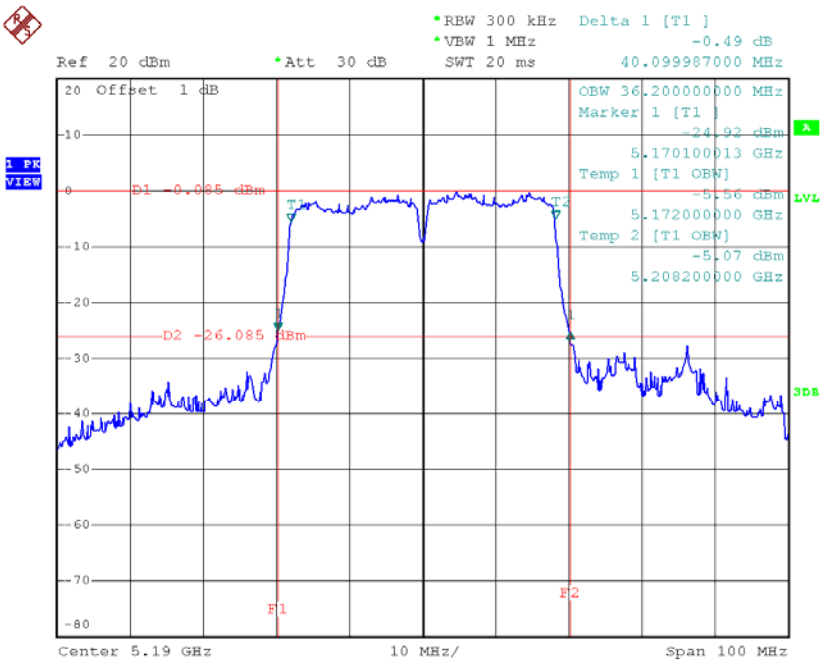


Date: 4.MAR.2016 15:21:00

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

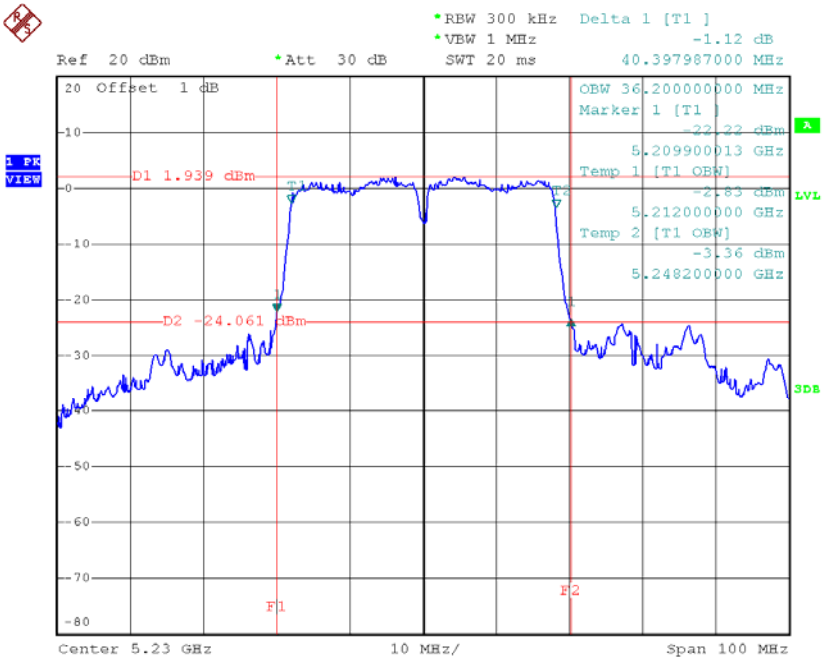
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.10	36.20
CH46	5230	40.40	36.20

TX CH38



Date: 4.MAR.2016 15:47:34

TX CH46

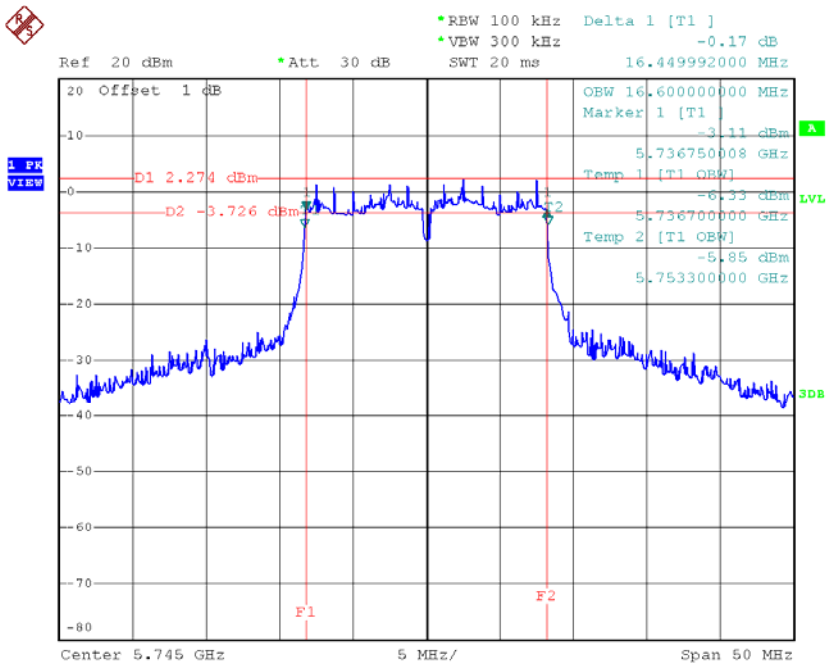


Date: 4.MAR.2016 15:50:35

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

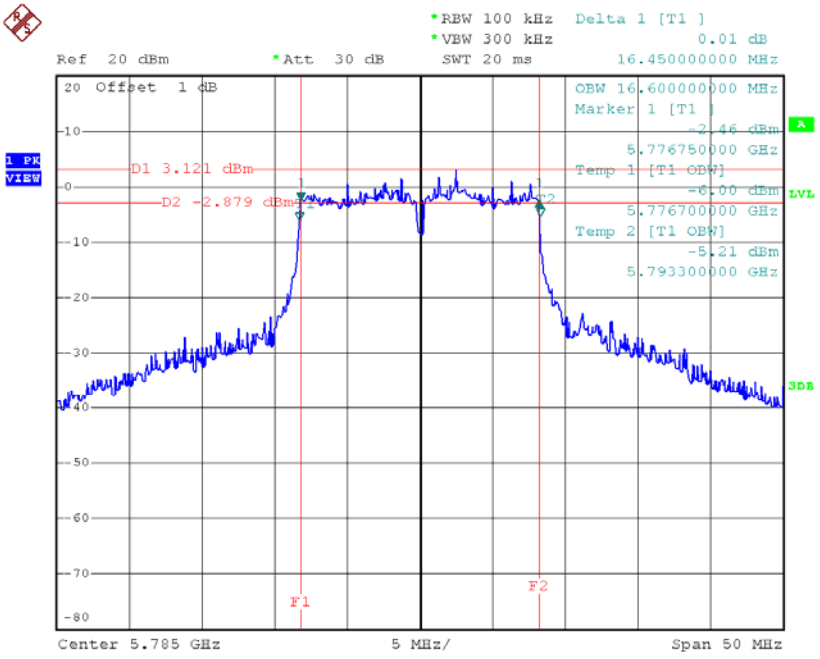
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.60	>=500
CH157	5785	16.45	16.60	>=500
CH165	5825	16.45	16.60	>=500

TX CH 149



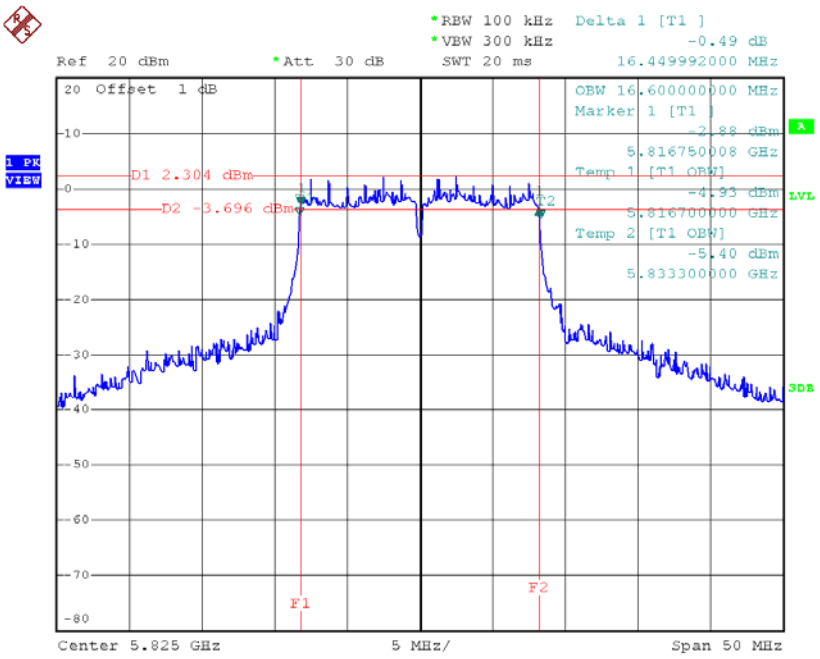
Date: 4.MAR.2016 14:51:38

TX CH 157



Date: 4.MAR.2016 15:08:55

TX CH 165

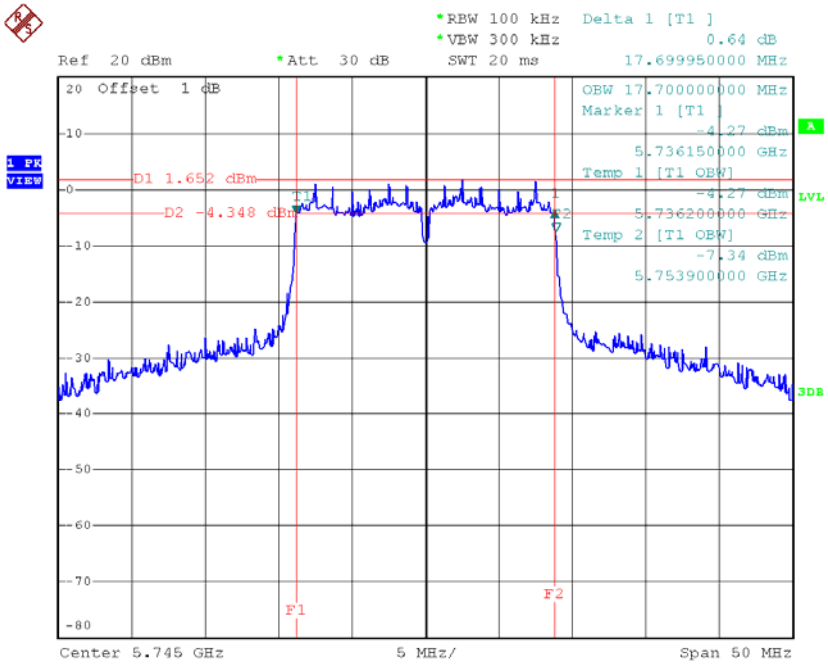


Date: 4.MAR.2016 15:12:04

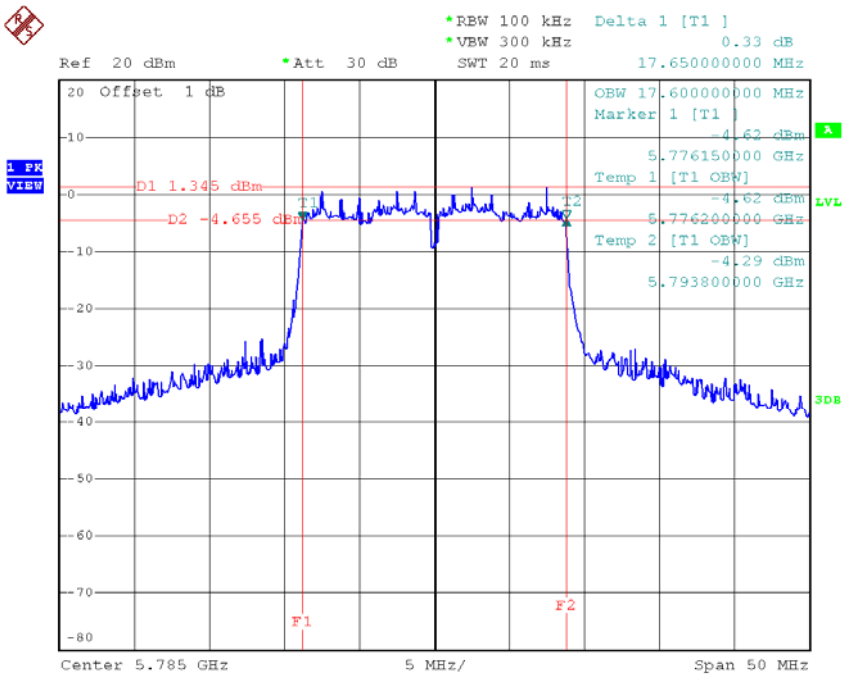
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165				

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	17.70	>=500
CH157	5785	17.65	17.60	>=500
CH165	5825	17.65	17.60	>=500

TX CH 149

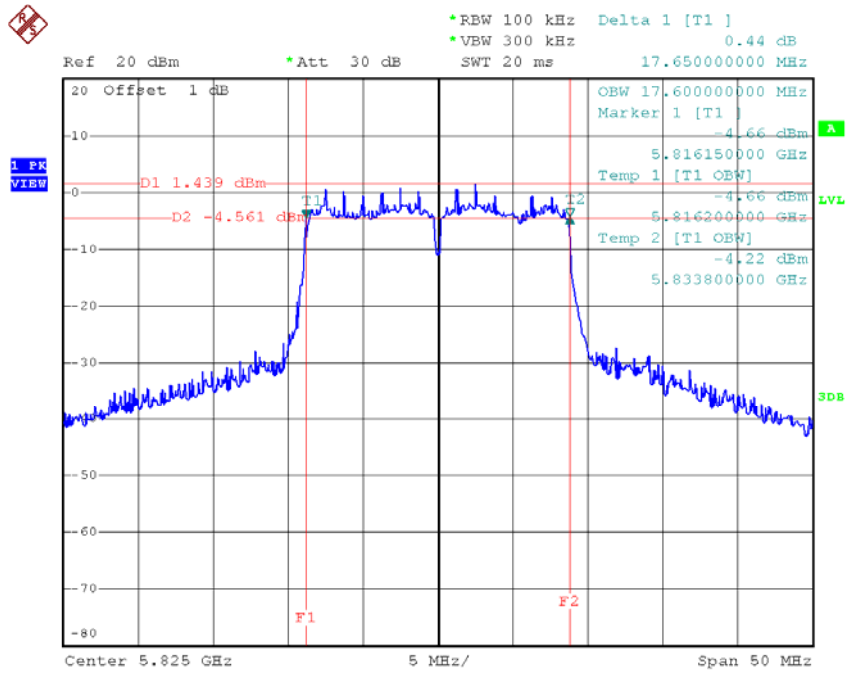


TX CH 157



Date: 4.MAR.2016 15:24:54

TX CH 165

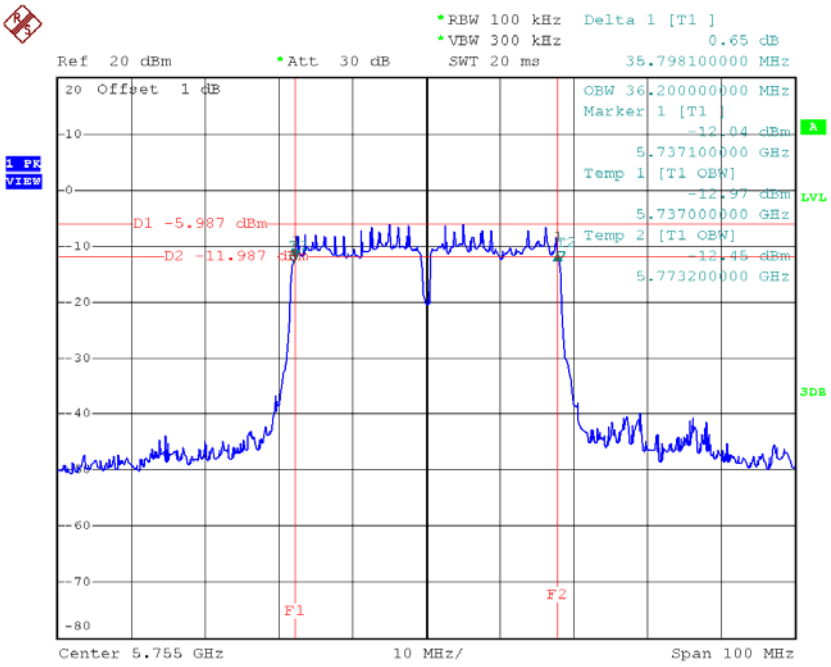


Date: 4.MAR.2016 15:26:03

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

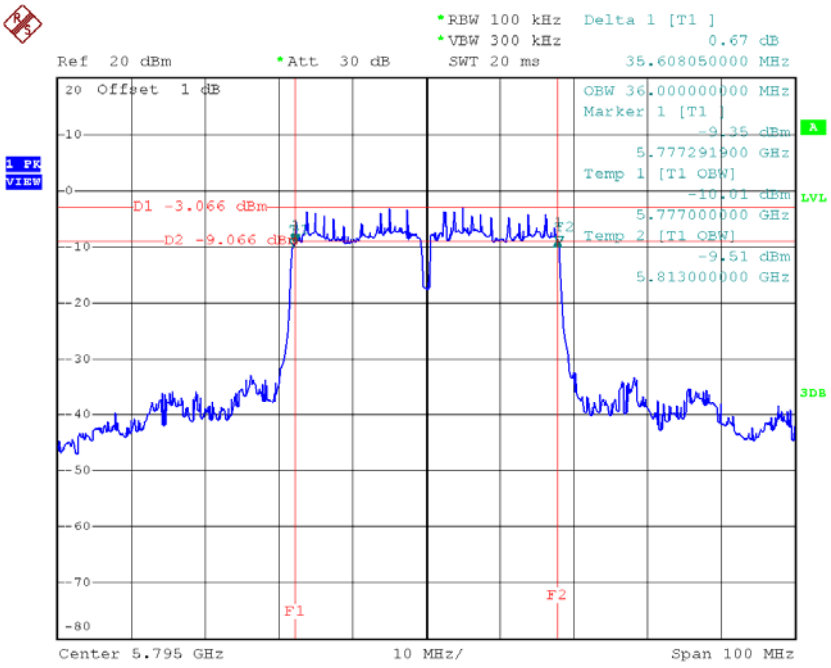
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.80	36.20	>=500
CH159	5795	35.61	36.00	>=500

TX CH 151



Date: 4.MAR.2016 16:08:54

TX CH 159

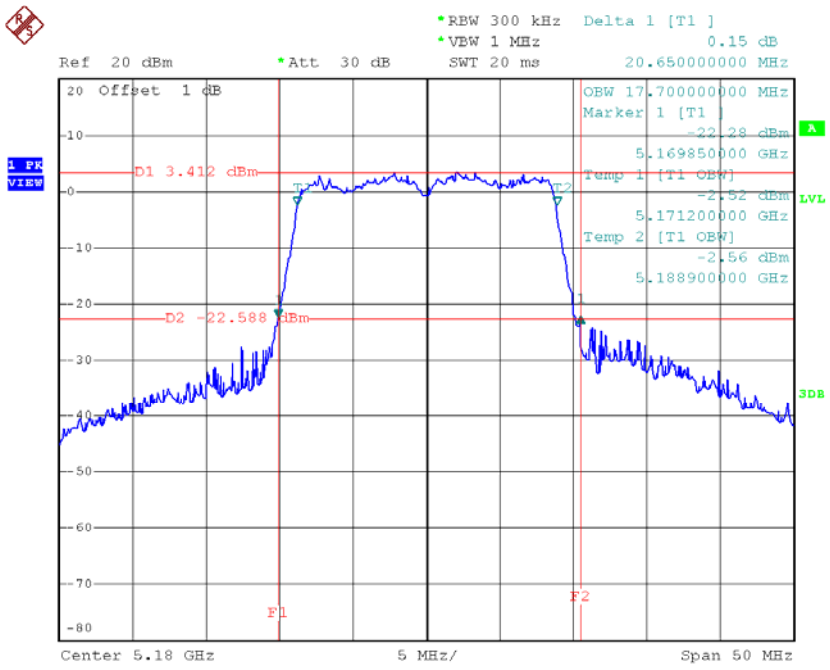


Date: 4.MAR.2016 16:10:26

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

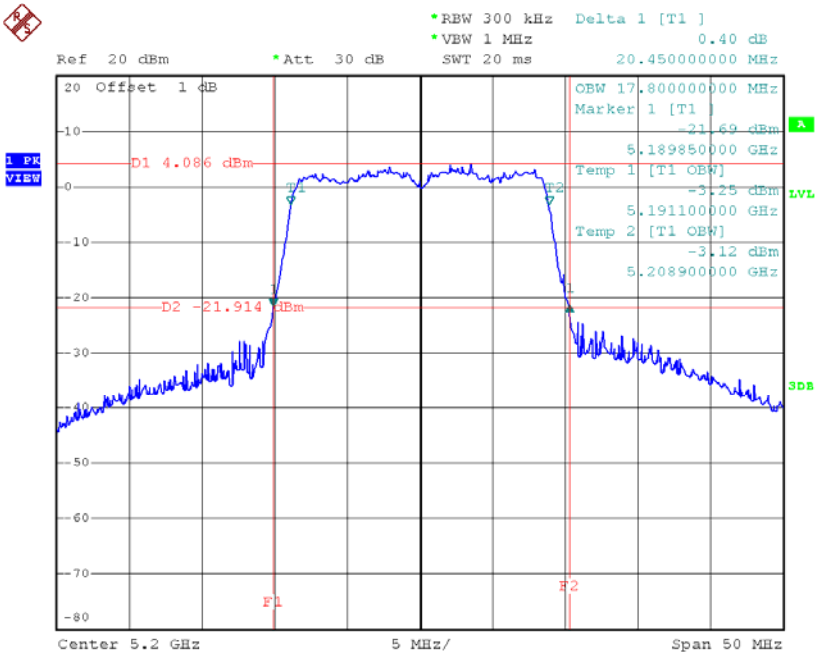
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.65	17.70
CH40	5200	20.45	17.80
CH48	5240	20.35	17.80

TX CH36



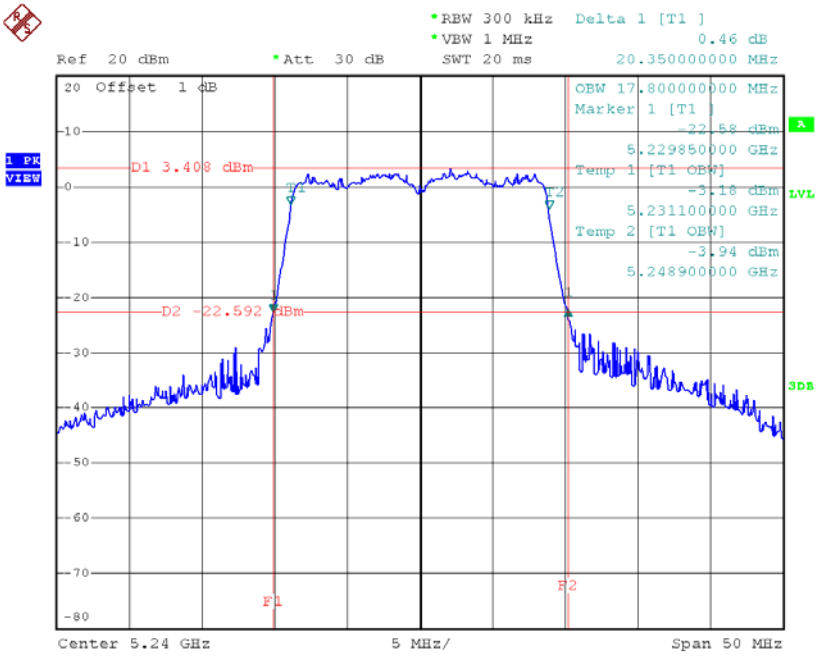
Date: 4.MAR.2016 15:29:09

TX CH40



Date: 4.MAR.2016 15:31:42

TX CH48

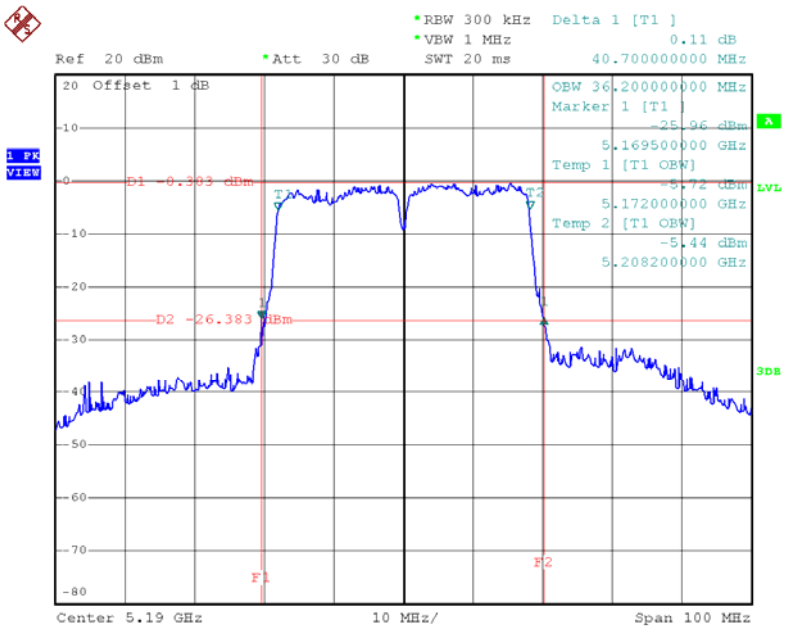


Date: 4.MAR.2016 15:33:22

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

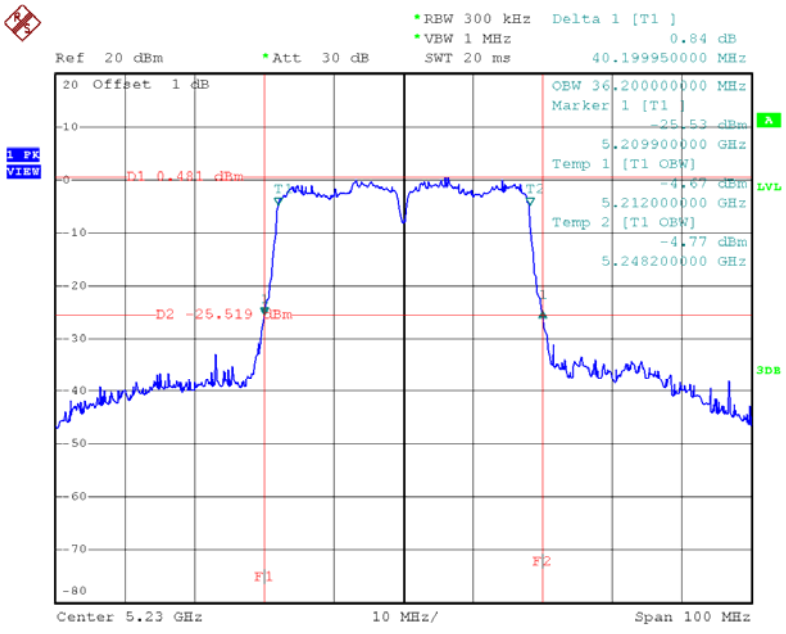
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.70	36.20
CH46	5230	40.20	36.20

TX CH38



Date: 4.MAR.2016 16:13:48

TX CH46

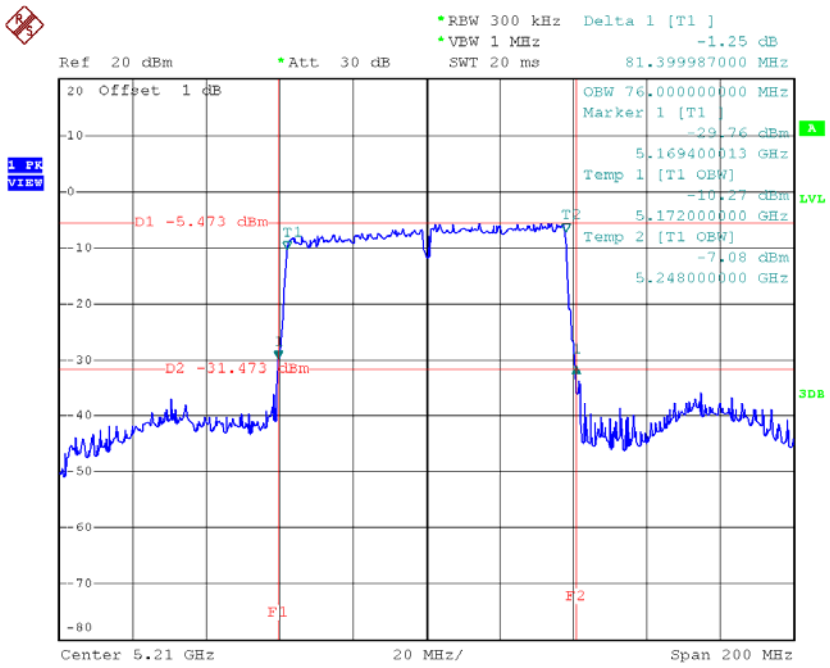


Date: 4.MAR.2016 16:15:05

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	81.40	76.00

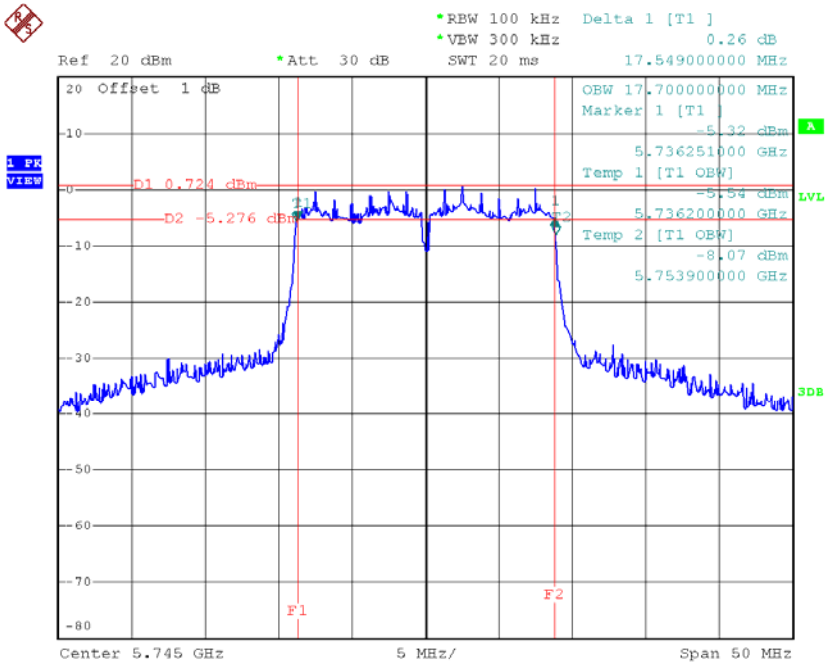
TX CH42



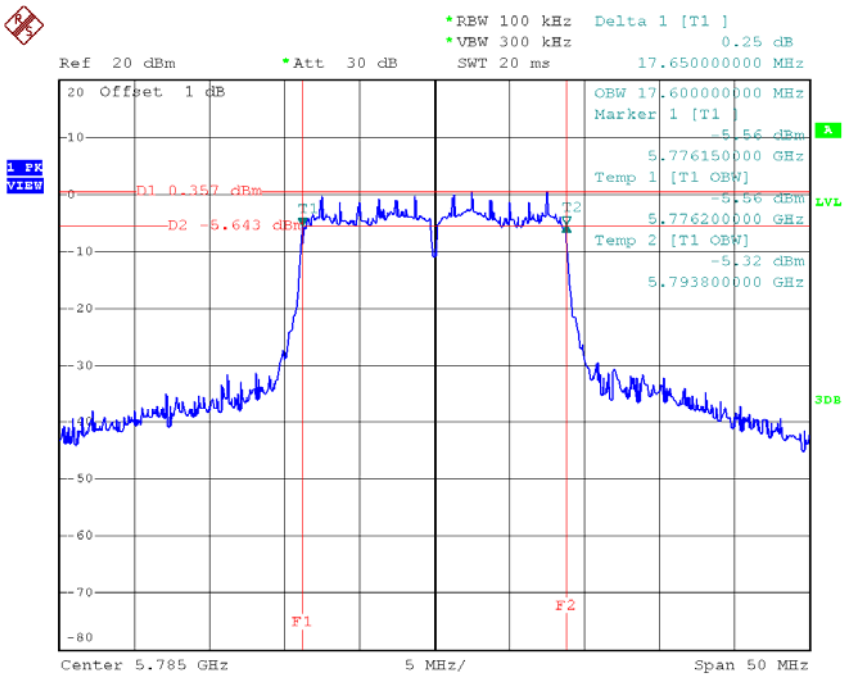
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.55	17.70	>=500
CH157	5785	17.65	17.60	>=500
CH165	5825	17.65	17.60	>=500

TX CH 149

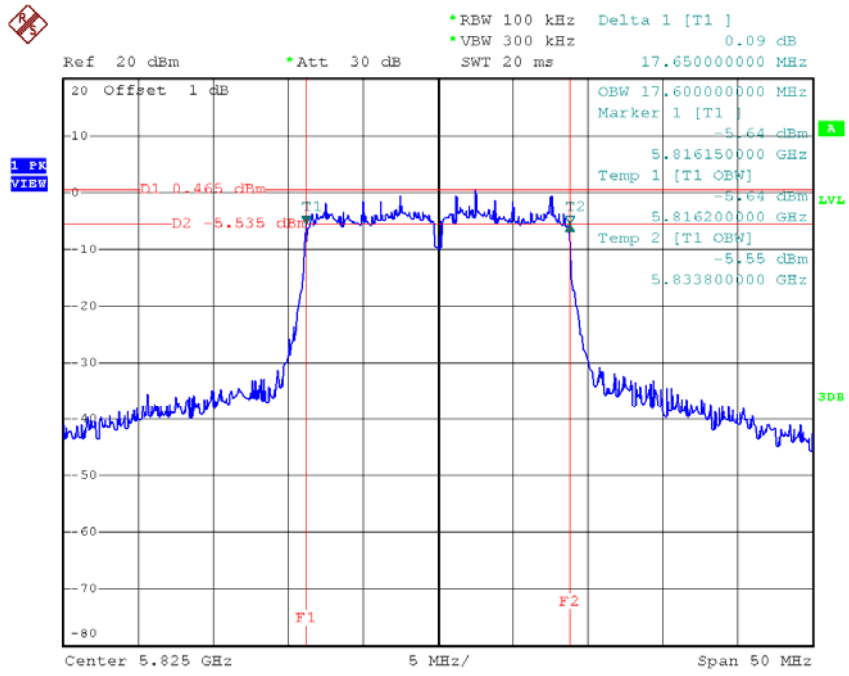


TX CH 157



Date: 4.MAR.2016 15:39:00

TX CH 165

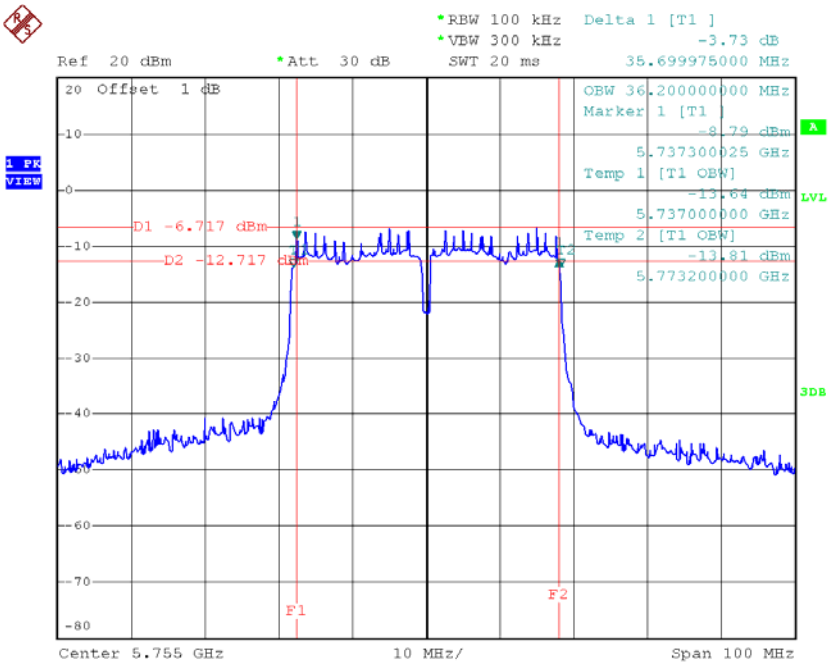


Date: 4.MAR.2016 15:40:09

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

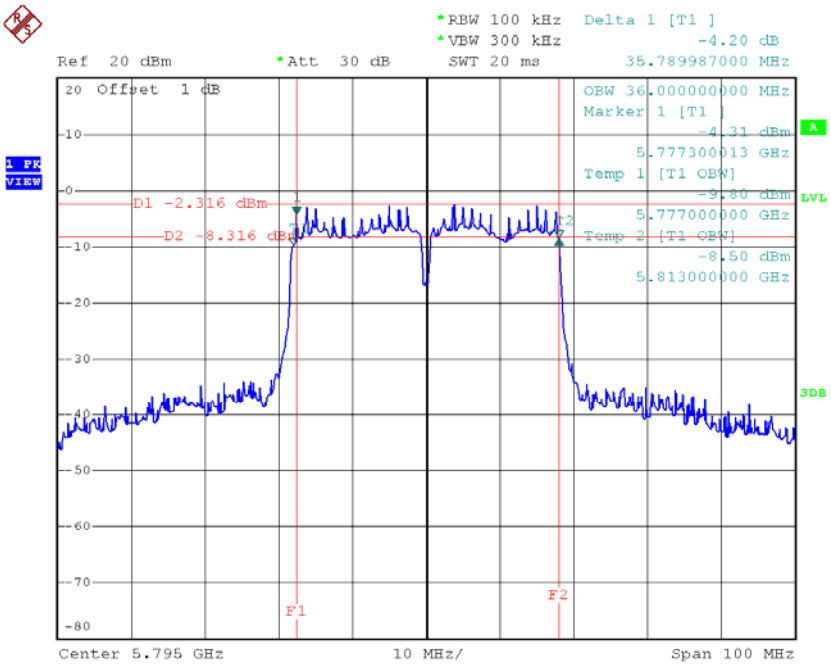
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.70	36.20	>=500
CH159	5795	35.79	36.00	>=500

TX CH 151



Date: 4.MAR.2016 16:16:17

TX CH 159

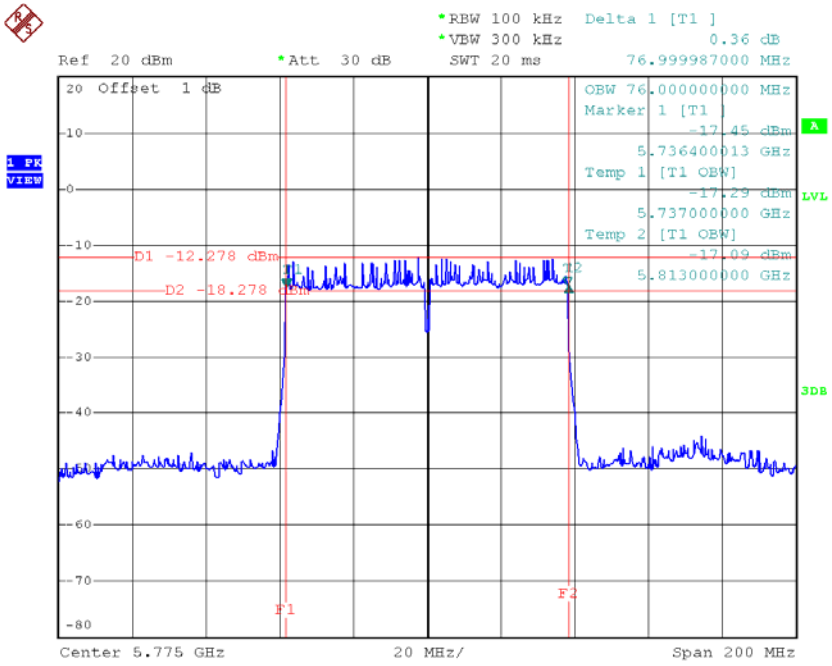


Date: 4.MAR.2016 16:17:51

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	77.00	76.00	>=500

TX CH 155



ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.73	0.24	14.97	24.00	0.25
CH40	5200	14.97	0.24	15.21	24.00	0.25
CH48	5240	14.43	0.24	14.67	24.00	0.25

Test Mode: UNII-1/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.52	0.31	13.83	24.00	0.25
CH40	5200	13.92	0.31	14.23	24.00	0.25
CH48	5240	13.98	0.31	14.29	24.00	0.25

Test Mode: UNII-1/TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	11.73	0.73	12.46	24.00	0.25
CH46	5230	13.14	0.73	13.87	24.00	0.25

Test Mode: UNII-3/ TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	12.14	0.24	12.38	30.00	1.00
CH157	5785	14.34	0.24	14.58	30.00	1.00
CH165	5825	12.19	0.24	12.43	30.00	1.00

Test Mode: UNII-3/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	12.87	0.31	13.18	30.00	1.00
CH157	5785	13.35	0.31	13.66	30.00	1.00
CH165	5825	13.17	0.31	13.48	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	9.13	0.73	9.86	30.00	1.00
CH159	5795	8.67	0.73	9.40	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.54	0.45	12.99	24.00	0.25
CH40	5200	12.87	0.45	13.32	24.00	0.25
CH48	5240	12.17	0.45	12.62	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	11.34	0.91	12.25	24.00	0.25
CH46	5230	11.82	0.91	12.73	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	8.87	2.22	11.09	24.00	0.25

Test Mode: UNII-3/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	11.67	0.45	12.12	30.00	1.00
CH157	5785	12.29	0.45	12.74	30.00	1.00
CH165	5825	12.57	0.45	13.02	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	11.79	0.91	12.70	30.00	1.00
CH159	5795	11.73	0.91	12.64	30.00	1.00

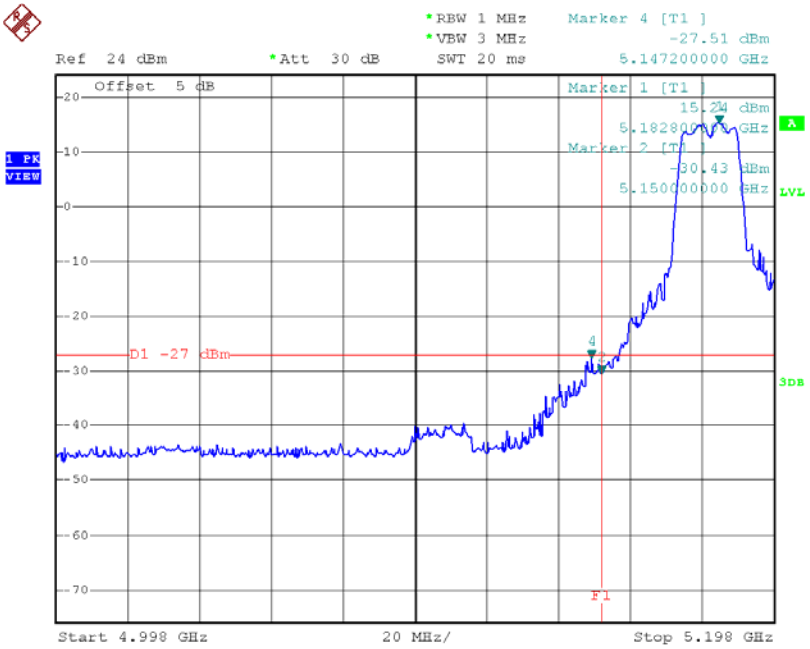
Test Mode: UNII-3/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	8.79	2.22	11.01	30.00	1.00

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

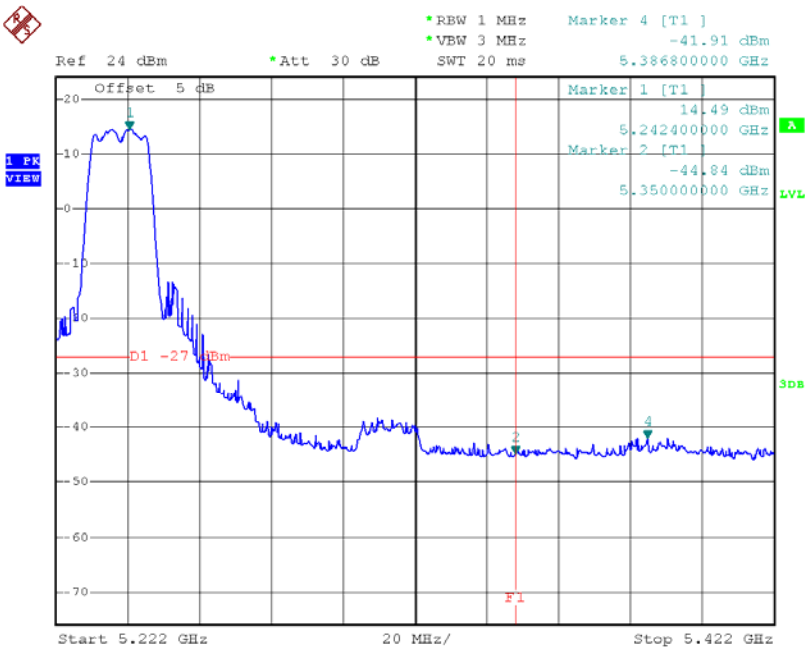
Test Mode:	UNII-1/TX A Mode

TX mode CH36



Date: 4.MAR.2016 14:38:25

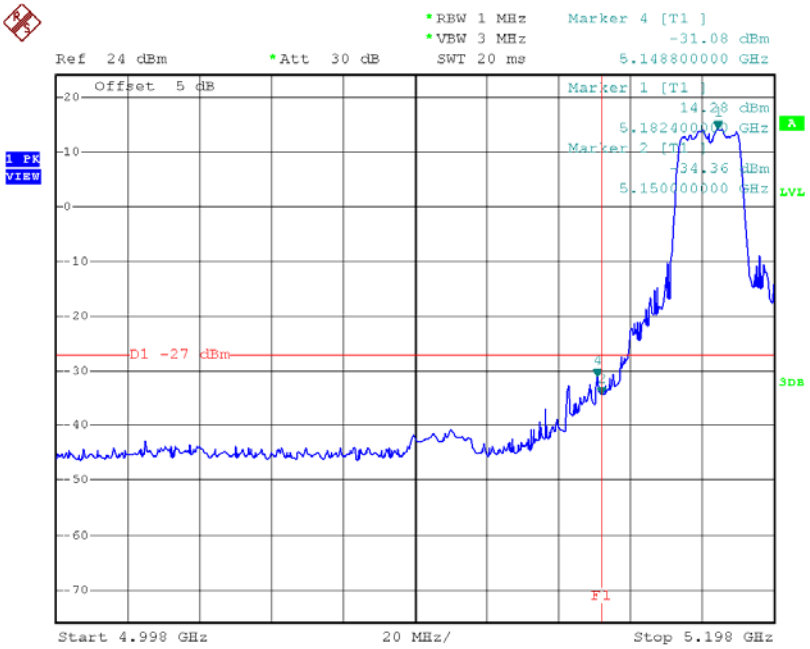
TX mode CH48



Date: 4.MAR.2016 14:50:15

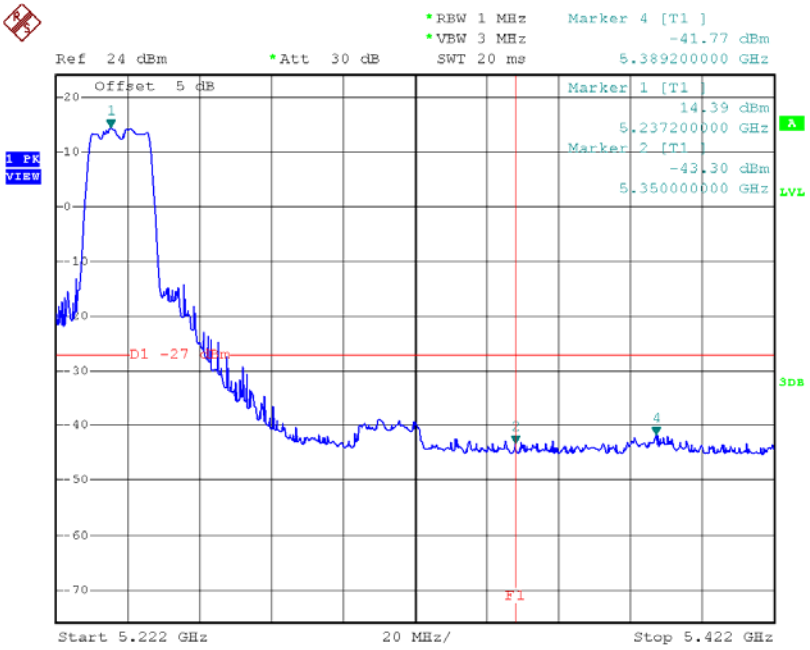
Test Mode:	UNII-1/TX N20 Mode

TX mode CH36



Date: 4.MAR.2016 15:18:04

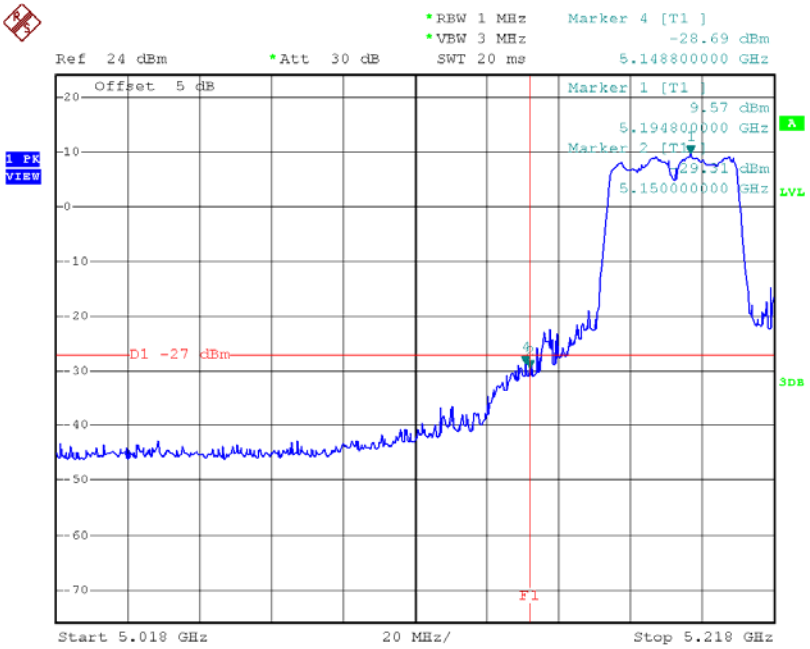
TX mode CH48



Date: 4.MAR.2016 15:21:17

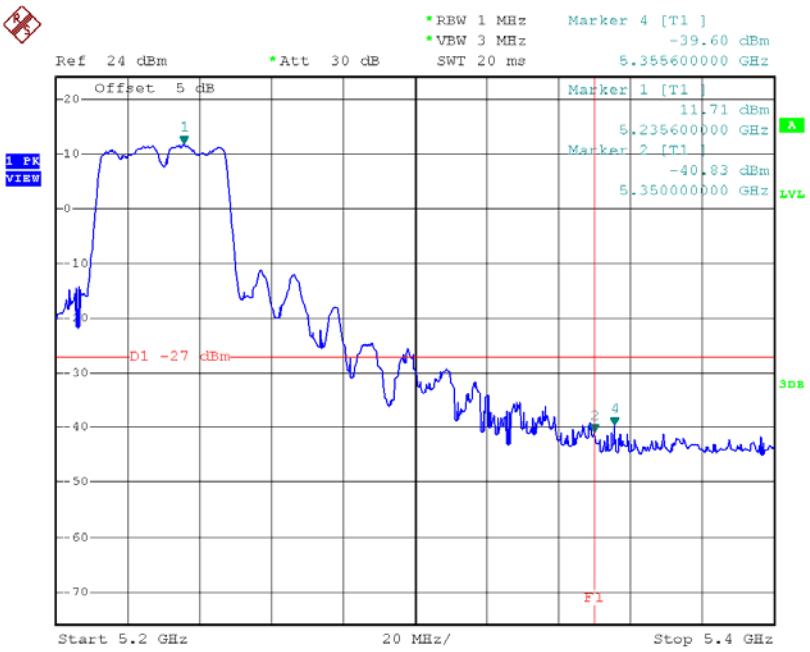
Test Mode:	UNII-1/TX N40 Mode

TX mode CH38



Date: 4.MAR.2016 15:47:51

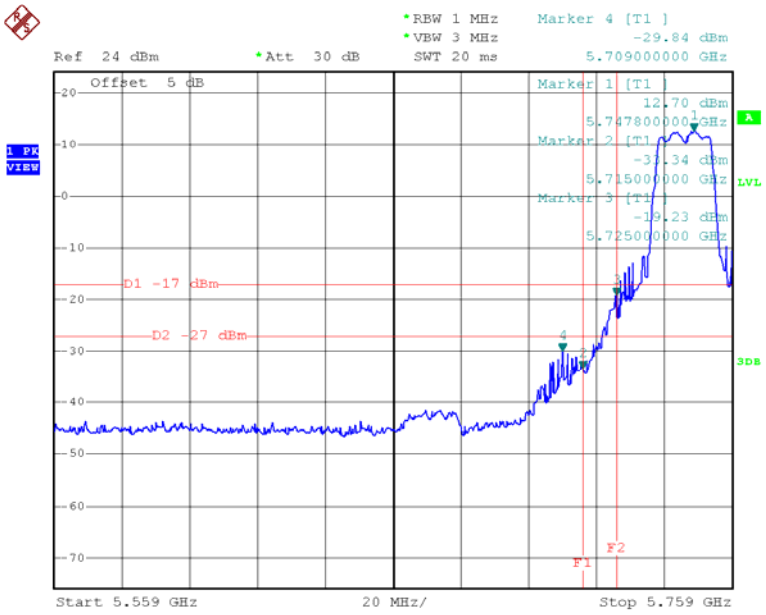
TX mode CH46



Date: 4.MAR.2016 15:50:52

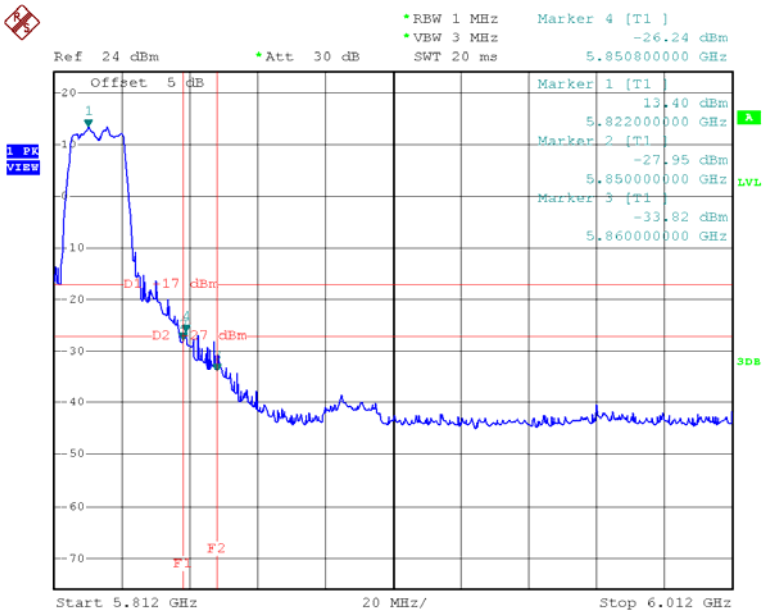
Test Mode:	UNII-3/TX A Mode

TX A Mode CH149



Date: 4.MAR.2016 14:53:31

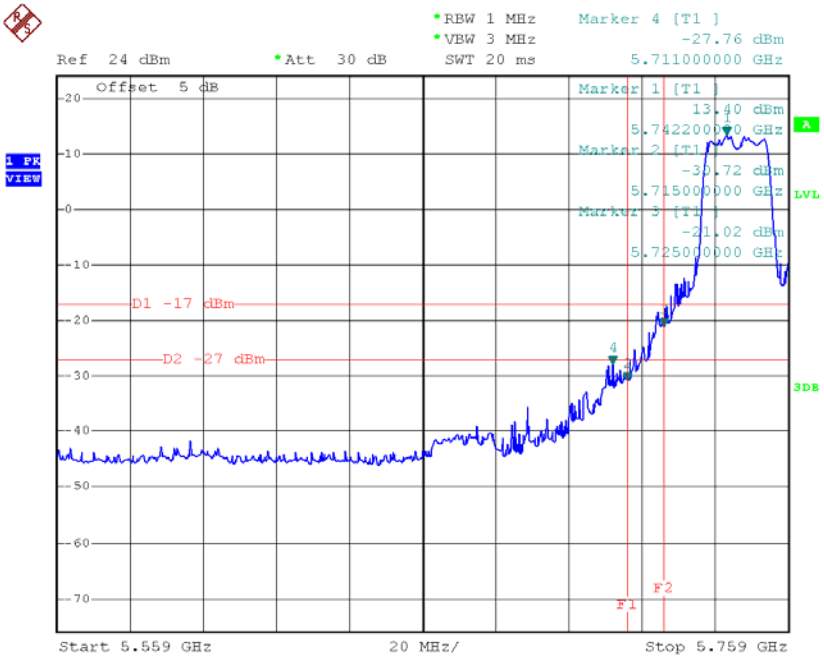
TX A Mode CH165



Date: 4.MAR.2016 15:16:06

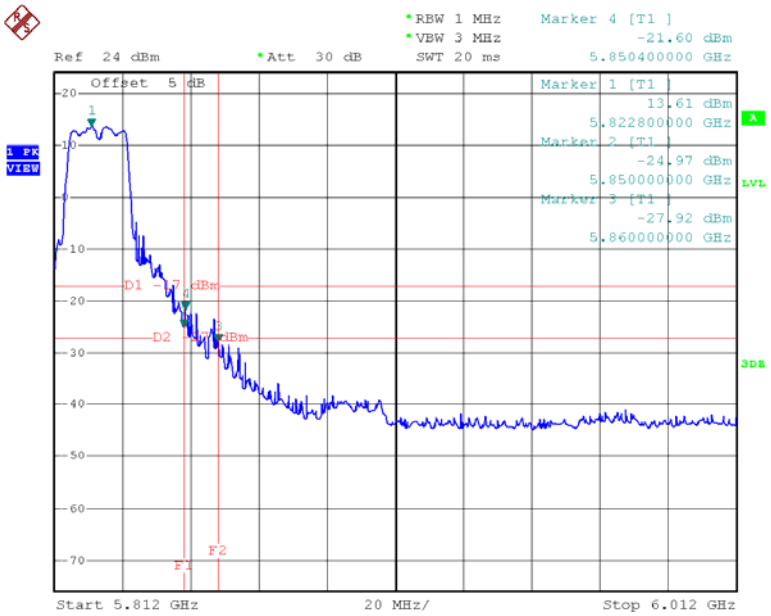
Test Mode:	UNII-3/TX N20 Mode

TX HT20 mode CH149



Date: 4.MAR.2016 15:23:35

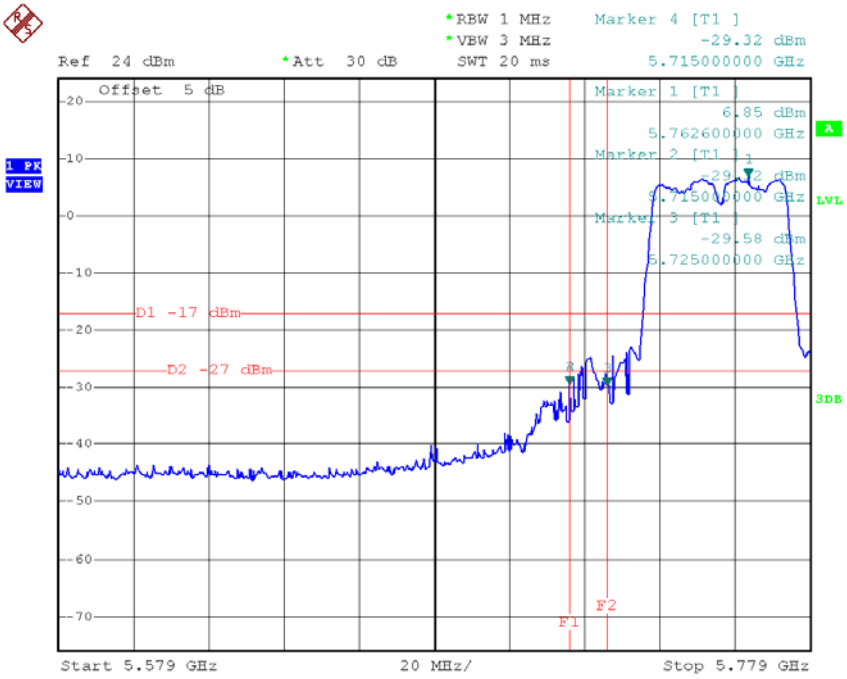
TX HT20 mode CH165



Date: 4.MAR.2016 15:26:20

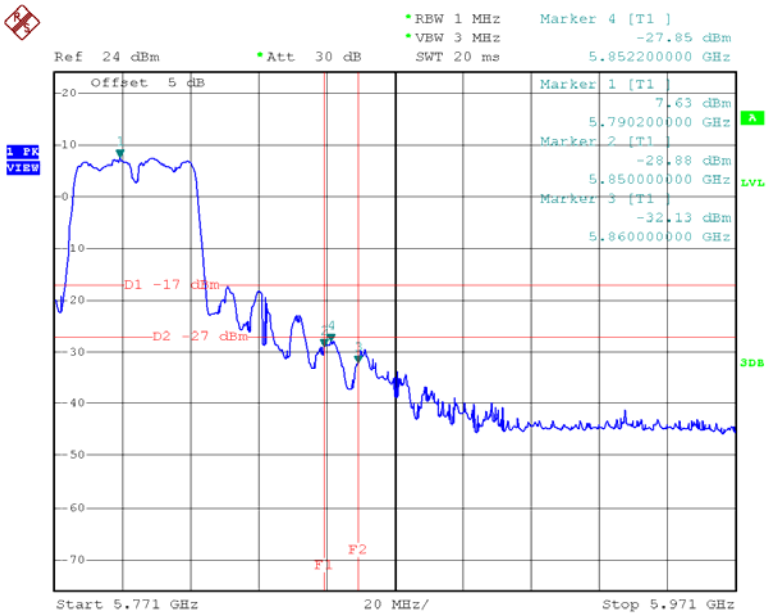
Test Mode:	UNII-3/TX N40 Mode

UNII-3/TX HT40 mode CH151



Date: 4.MAR.2016 16:09:11

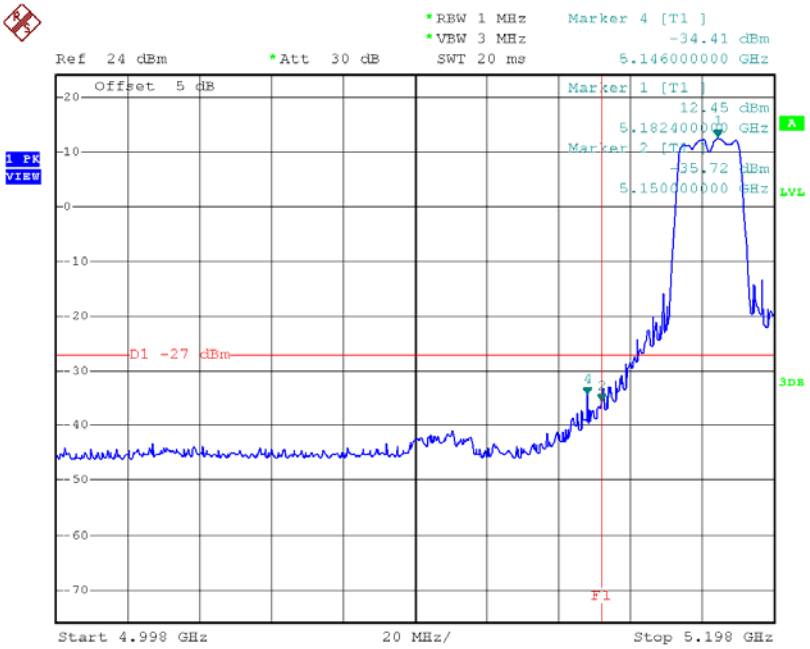
UNII-3/TX HT40 mode CH159



Date: 4.MAR.2016 16:11:46

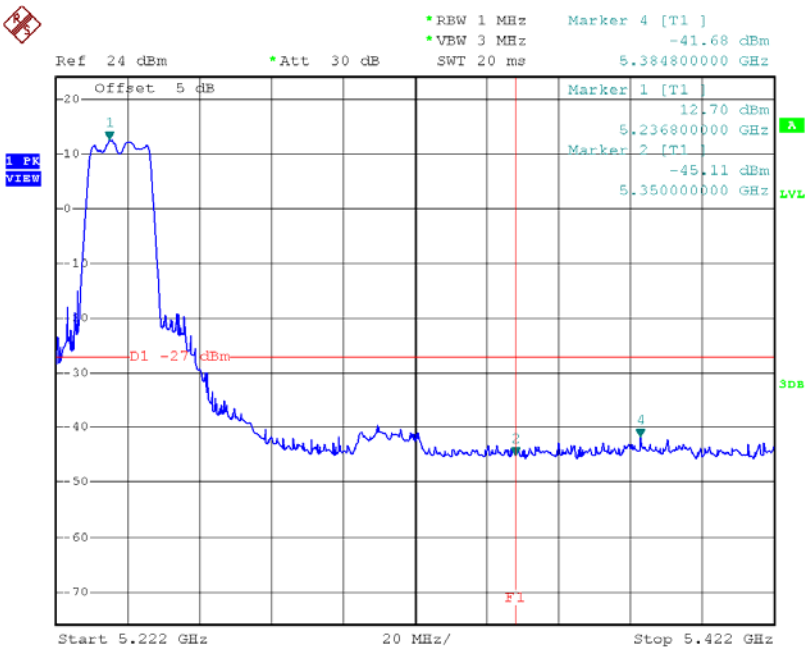
Test Mode:	UNII-1/TX AC20 Mode

TX mode CH36



Date: 4.MAR.2016 15:29:26

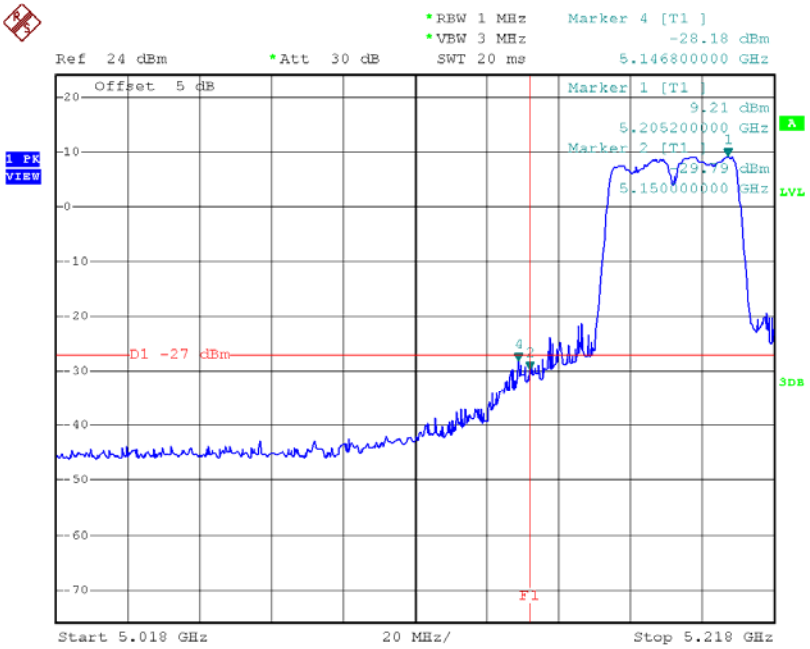
TX mode CH48



Date: 4.MAR.2016 15:33:39

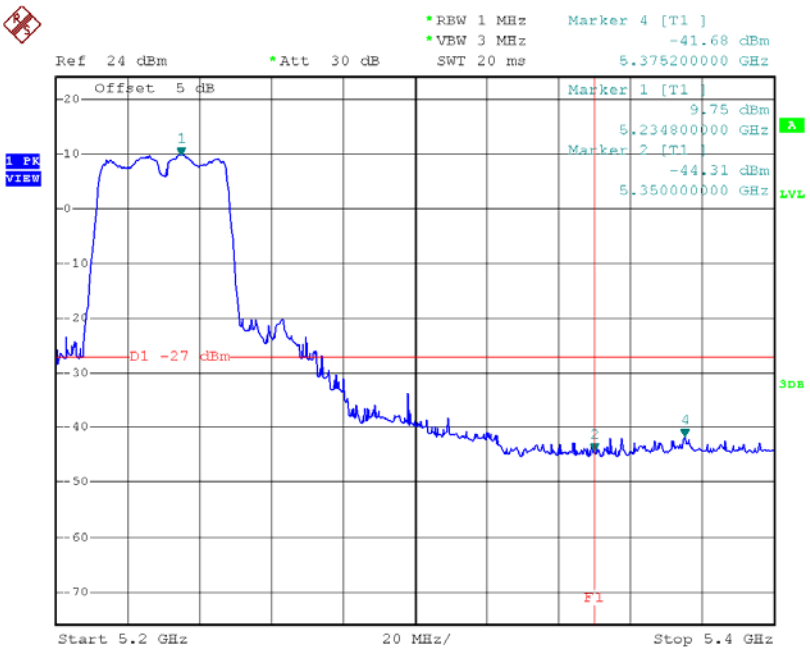
Test Mode:	UNII-1/TX AC40 Mode

TX mode CH38



Date: 4.MAR.2016 16:14:05

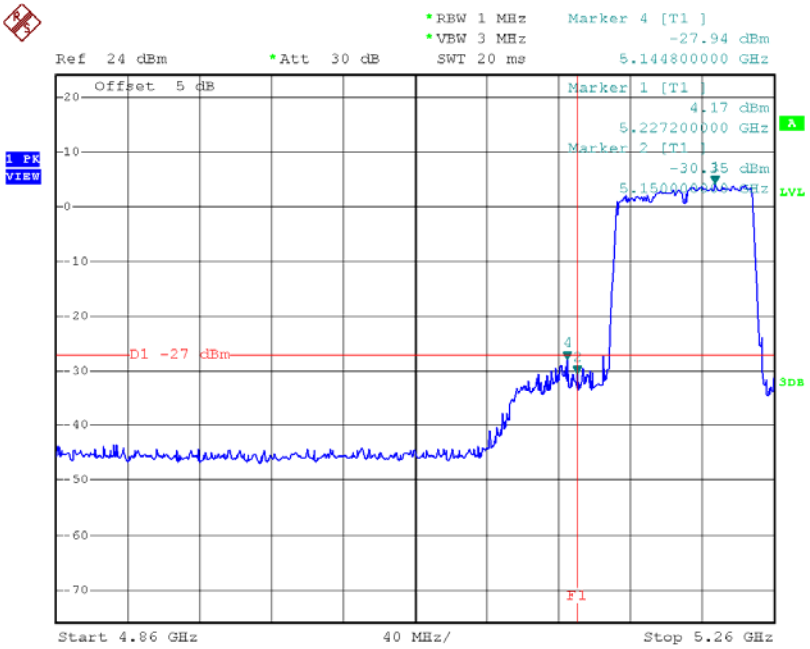
TX mode CH46



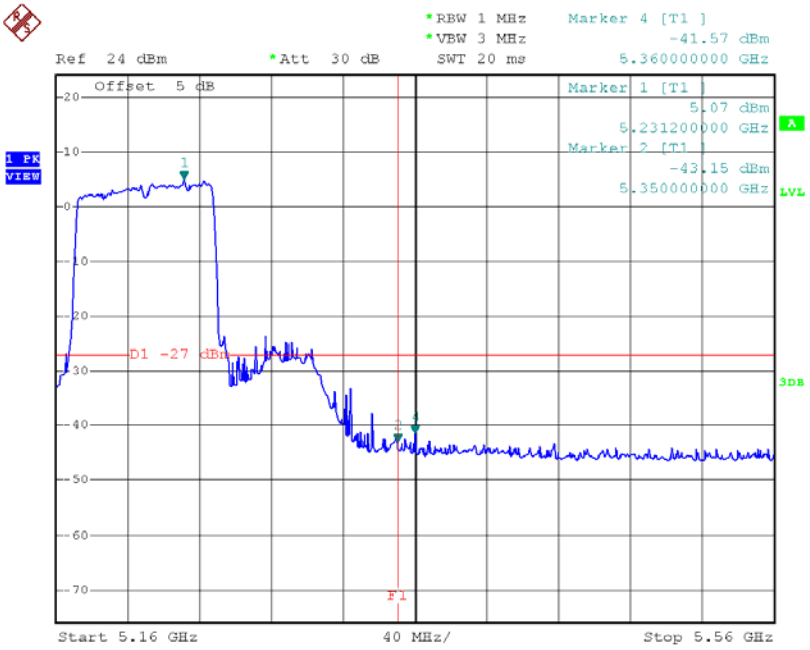
Date: 4.MAR.2016 16:15:22

Test Mode:	UNII-1/TX AC80 Mode

TX mode CH42



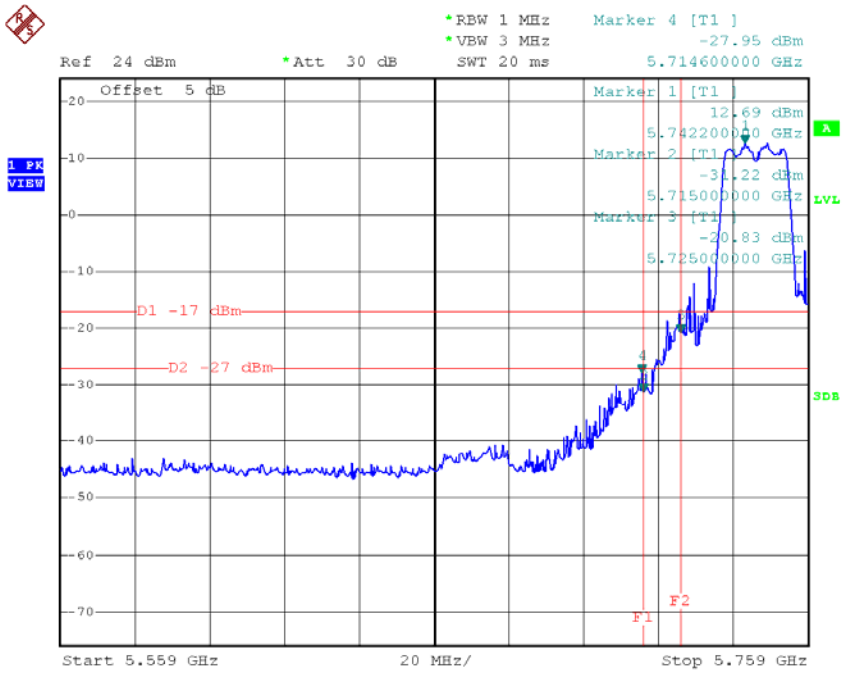
Date: 4.MAR.2016 16:21:43



Date: 4.MAR.2016 16:21:50

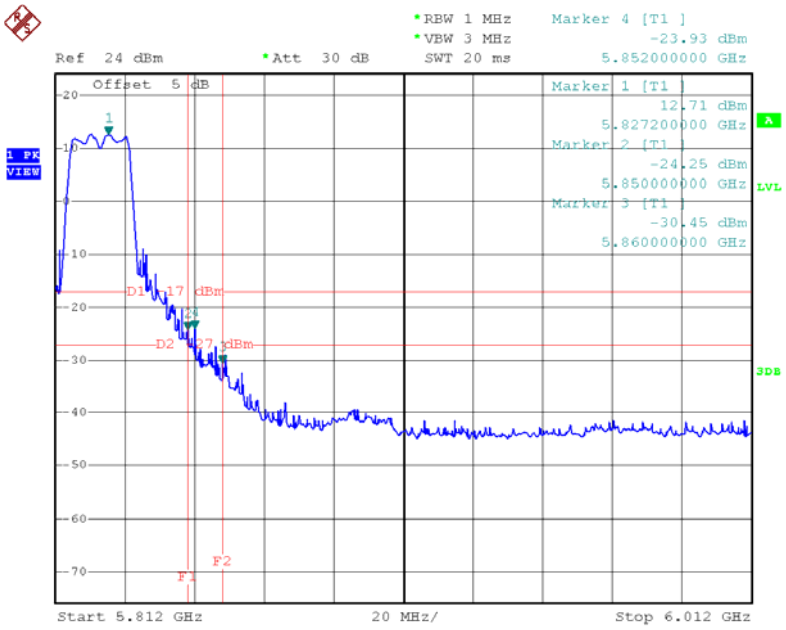
Test Mode:	UNII-3/TX AC20 Mode

TX AC HT20 mode CH149



Date: 4.MAR.2016 15:37:42

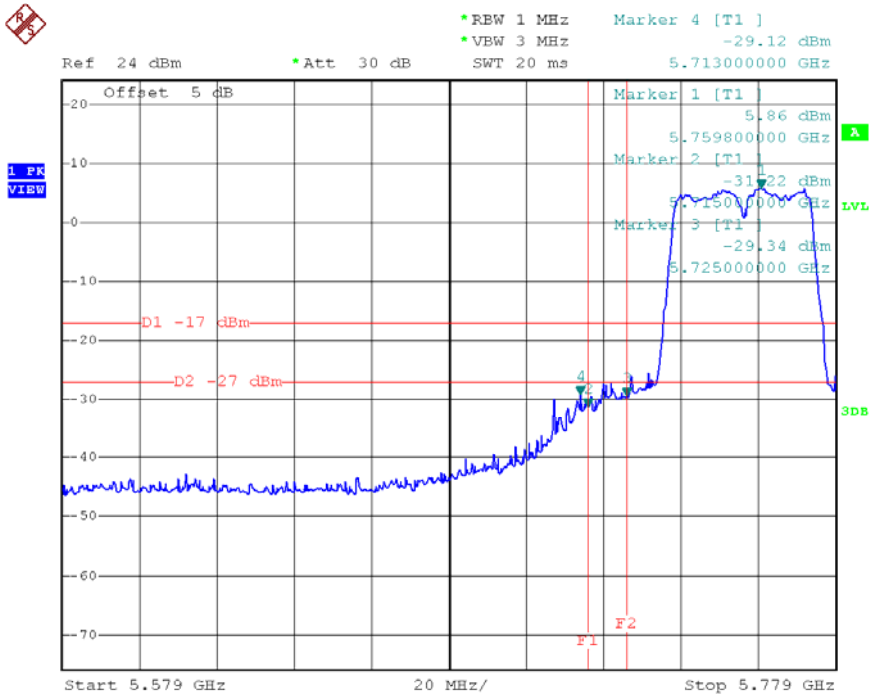
TX AC HT20 mode CH165



Date: 4.MAR.2016 15:40:26

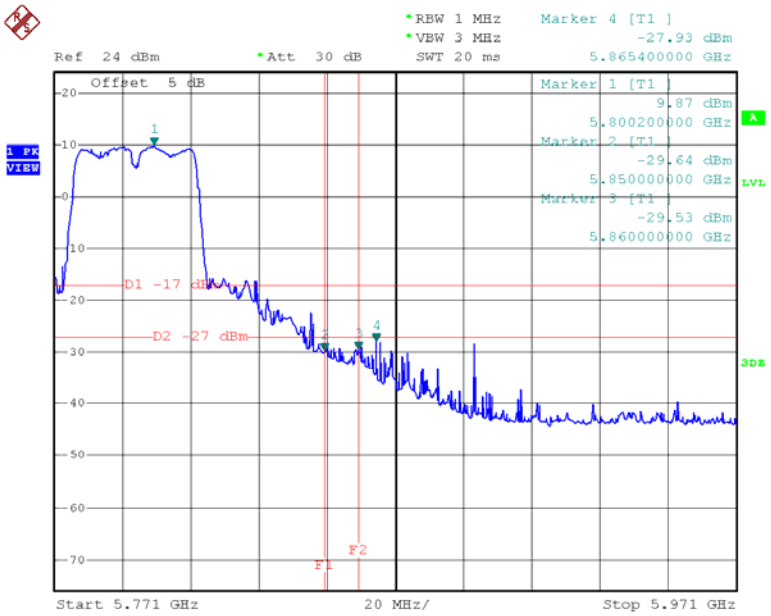
Test Mode:	UNII-3/TX AC40 Mode

TX AC HT40 mode CH151



Date: 4.MAR.2016 16:16:41

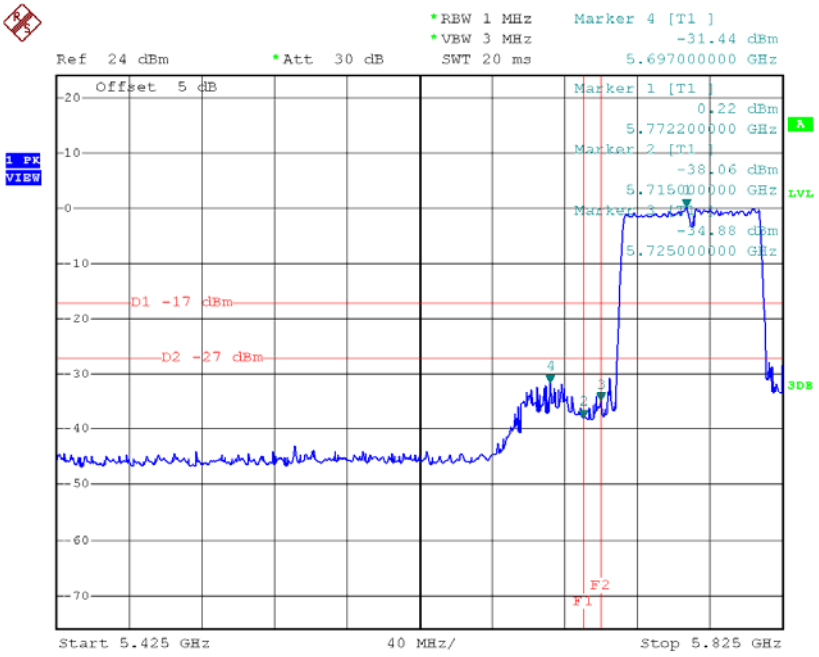
TX AC HT40 mode CH159



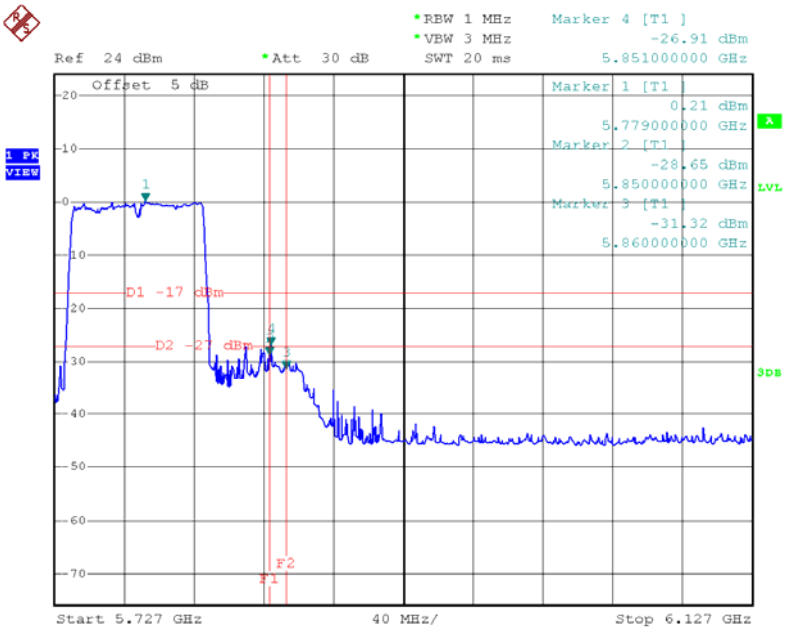
Date: 4.MAR.2016 16:19:00

Test Mode:	UNII-3/TX AC80 Mode

TX AC HT80 mode CH155



Date: 4.MAR.2016 16:24:44



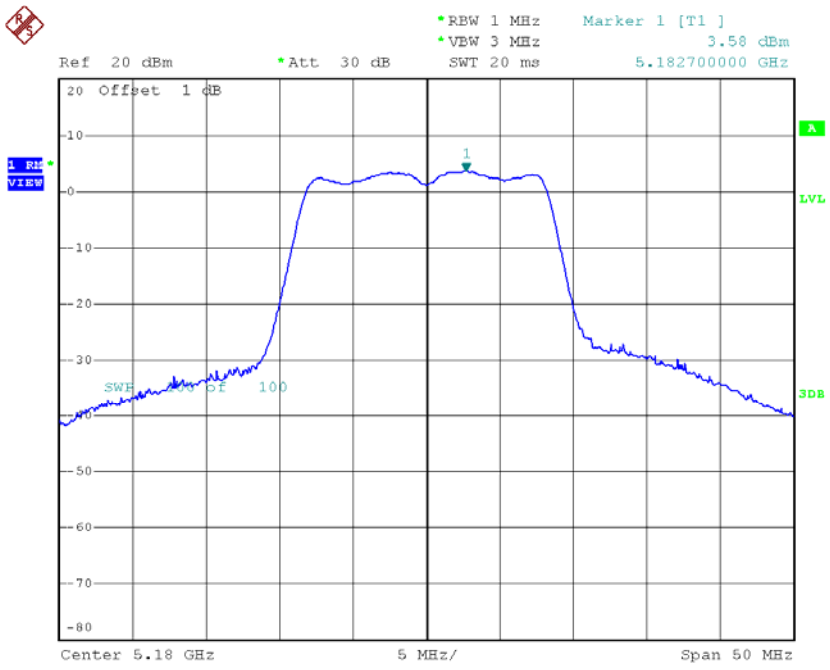
Date: 4.MAR.2016 16:24:52

ATTACHMENT H - POWER SPECTRAL DENSITY

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

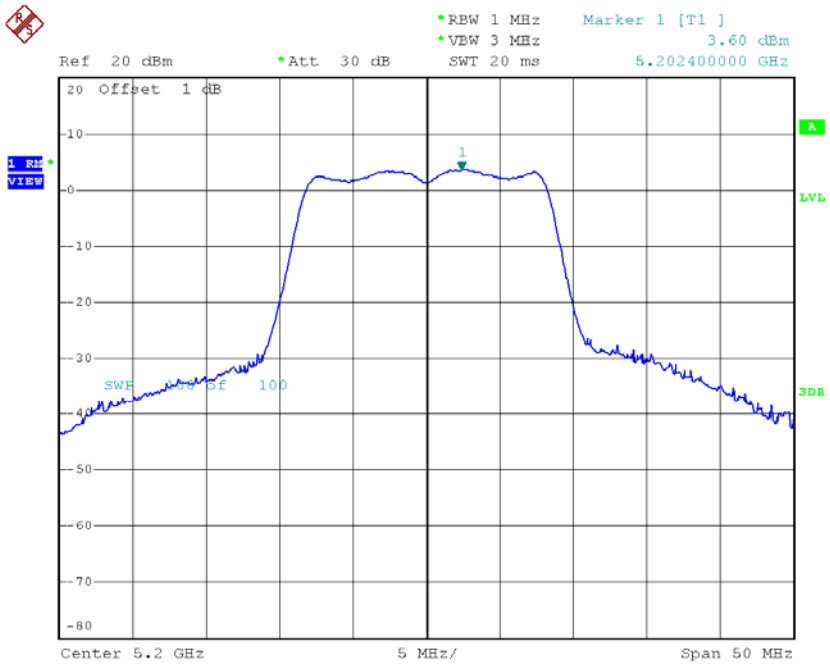
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.58	0.24	3.82	11.00
CH40	5200	3.60	0.24	3.84	11.00
CH48	5240	2.74	0.24	2.98	11.00

CH36



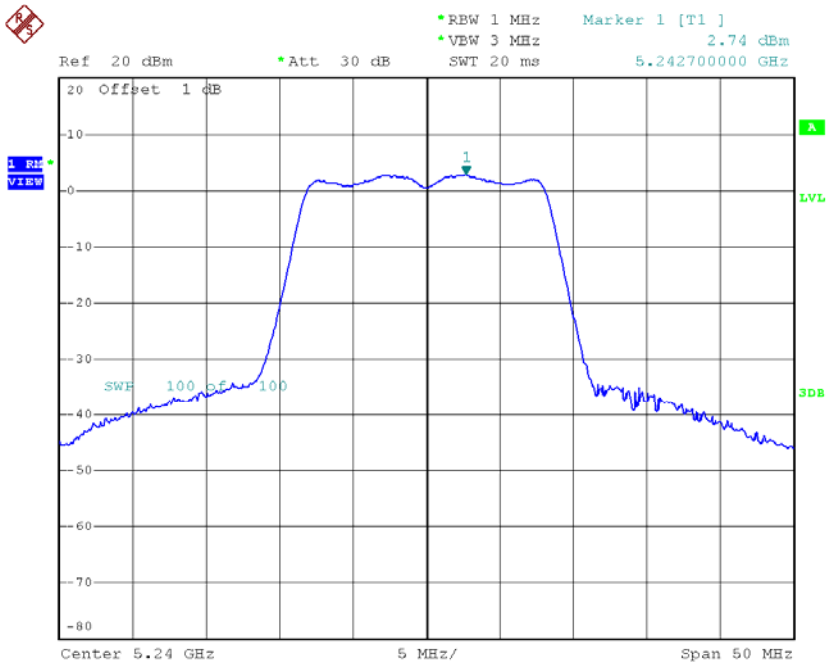
Date: 4.MAR.2016 14:38:17

CH40



Date: 4.MAR.2016 14:49:05

CH48

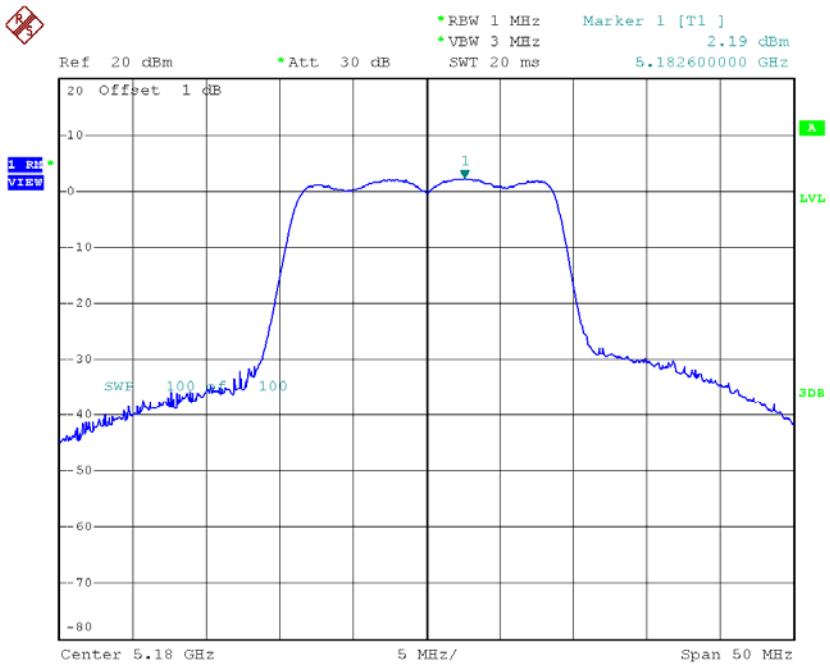


Date: 4.MAR.2016 14:50:07

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

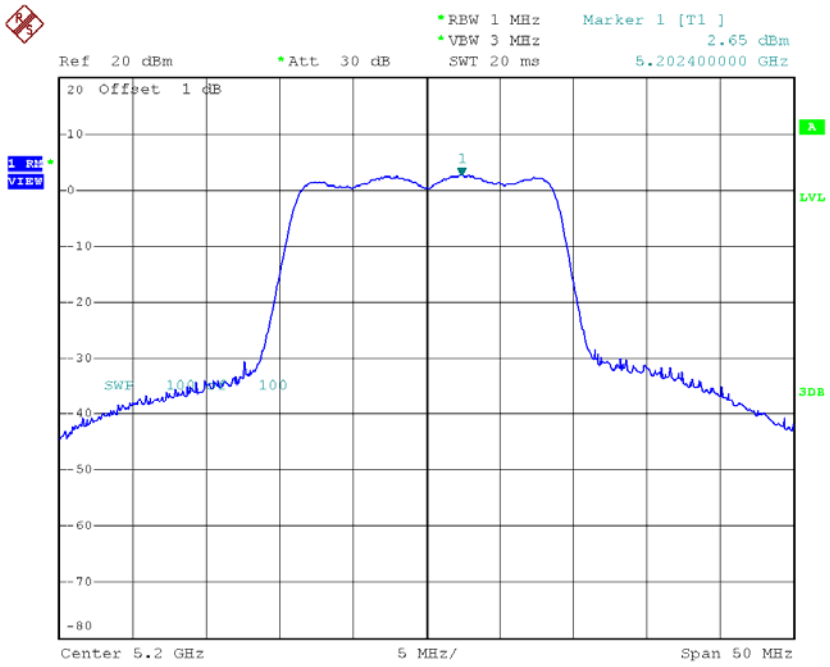
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.19	0.31	2.50	11.00
CH40	5200	2.65	0.31	2.96	11.00
CH48	5240	2.70	0.31	3.01	11.00

CH36



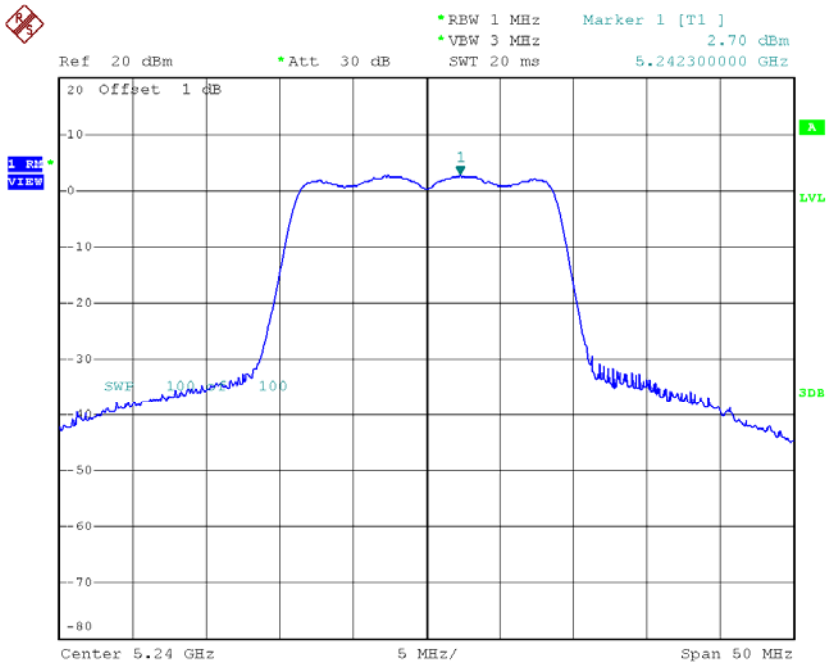
Date: 4.MAR.2016 15:17:56

CH40



Date: 4.MAR.2016 15:19:49

CH48

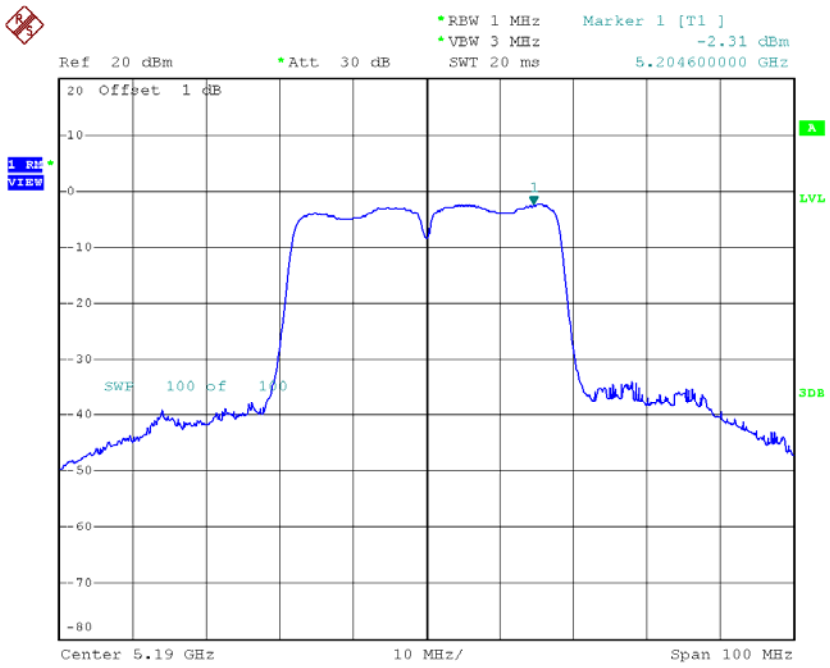


Date: 4.MAR.2016 15:21:10

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

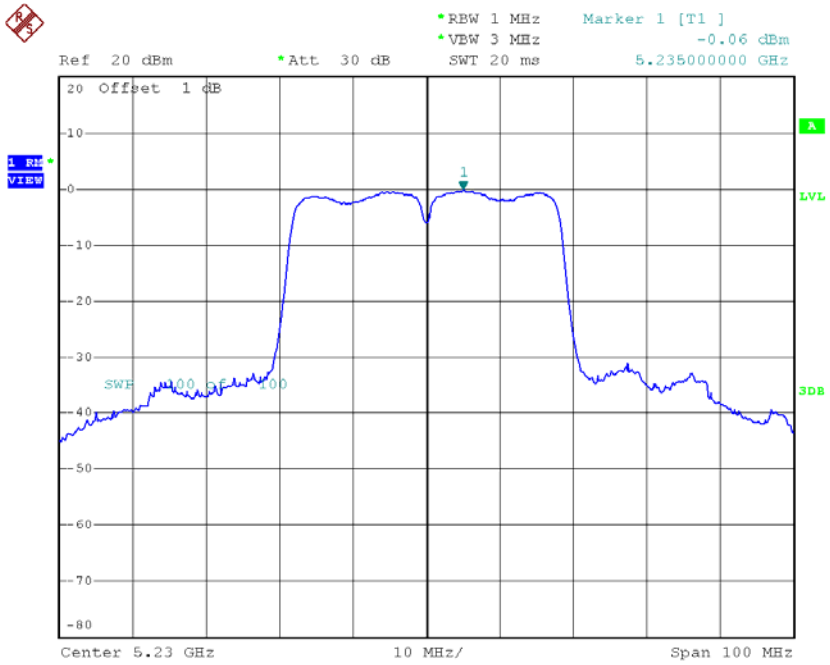
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-2.31	0.73	-1.58	11.00
CH46	5230	-0.06	0.73	0.67	11.00

CH38



Date: 4.MAR.2016 15:47:43

CH46

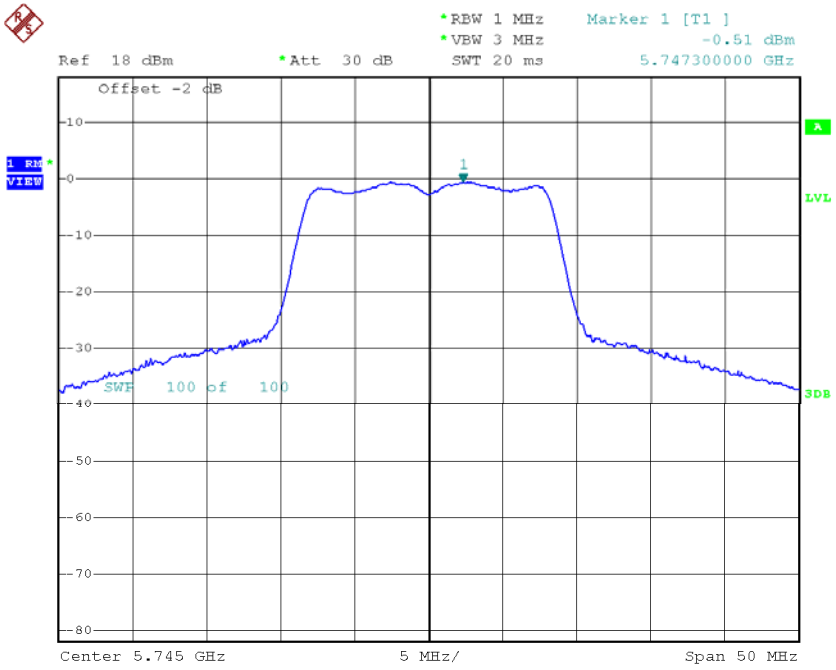


Date: 4.MAR.2016 15:50:44

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

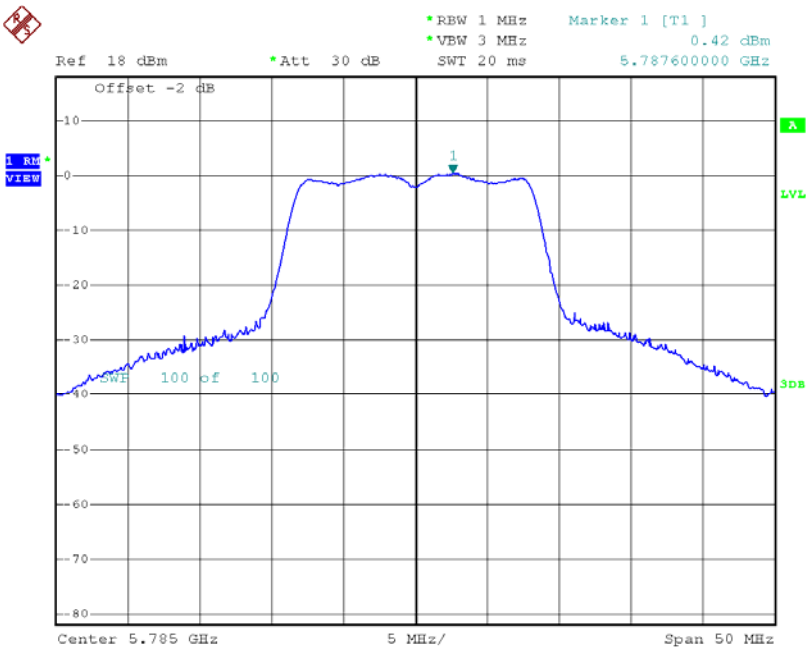
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.51	0.24	-0.27	30.00
CH157	5785	0.42	0.24	0.66	30.00
CH165	5825	0.04	0.24	0.28	30.00

TX CH149



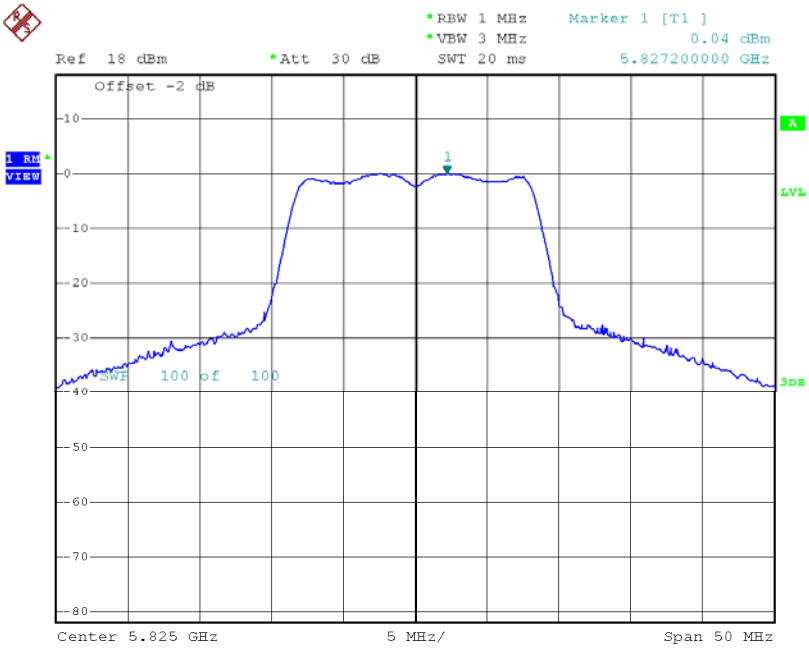
Date: 4.MAR.2016 14:51:07

TX CH157



Date: 4.MAR.2016 15:09:04

TX CH165

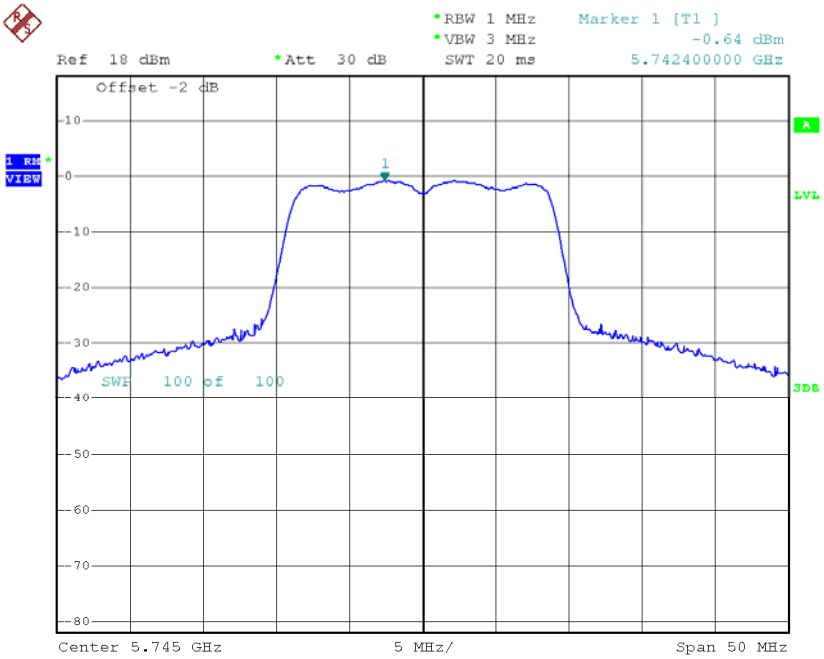


Date: 4.MAR.2016 15:12:14

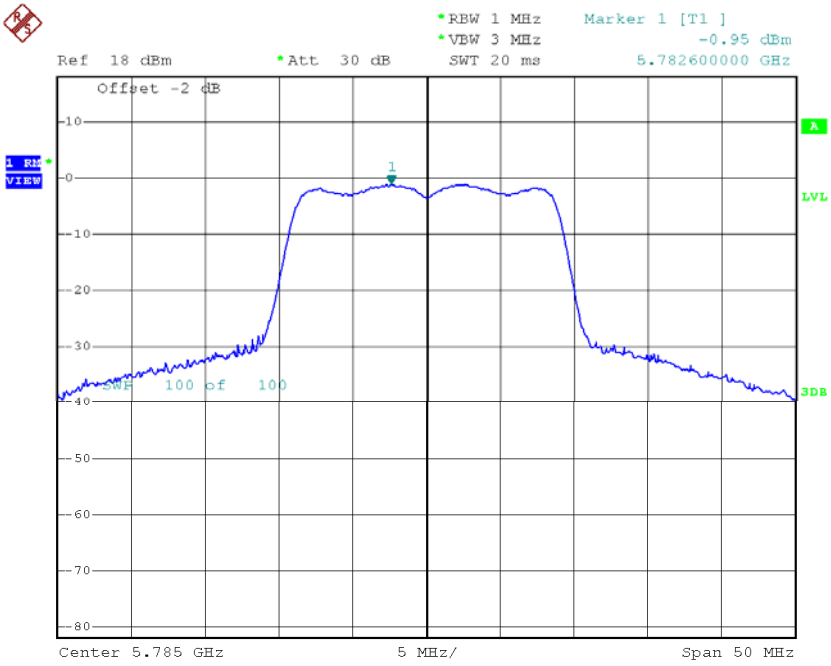
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.64	0.31	-0.33	30.00
CH157	5785	-0.95	0.31	-0.64	30.00
CH165	5825	-1.17	0.31	-0.86	30.00

TX CH149

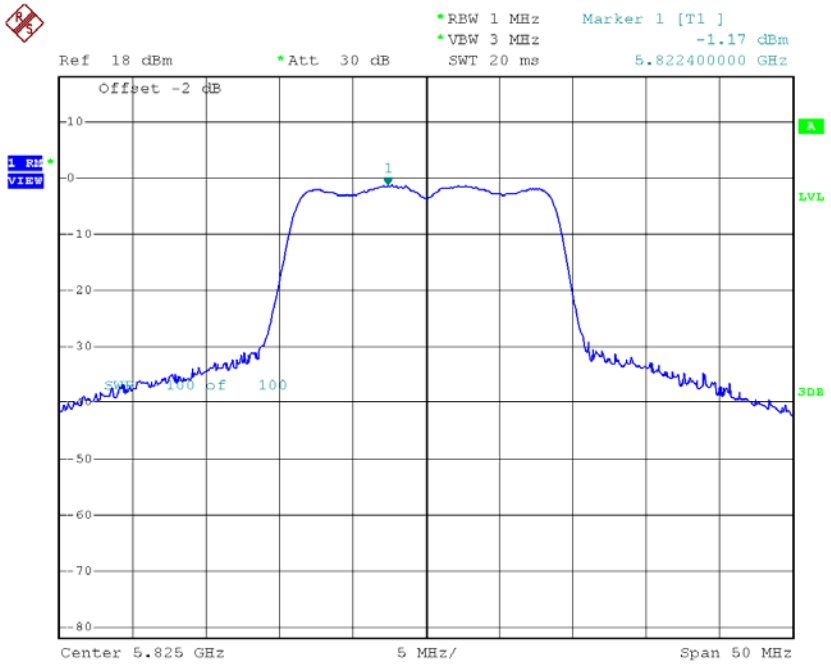


TX CH157



Date: 4.MAR.2016 15:25:03

TX CH165

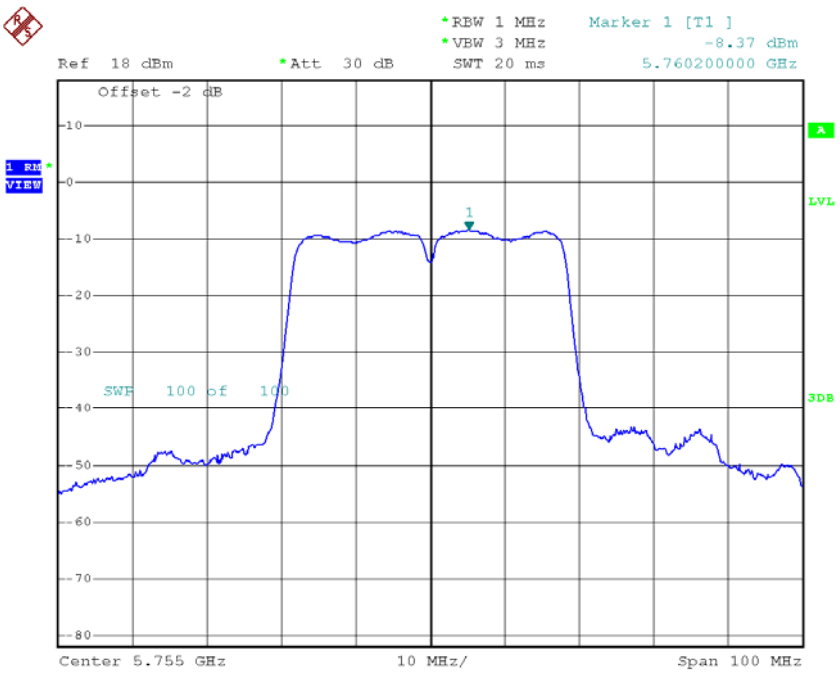


Date: 4.MAR.2016 15:26:12

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

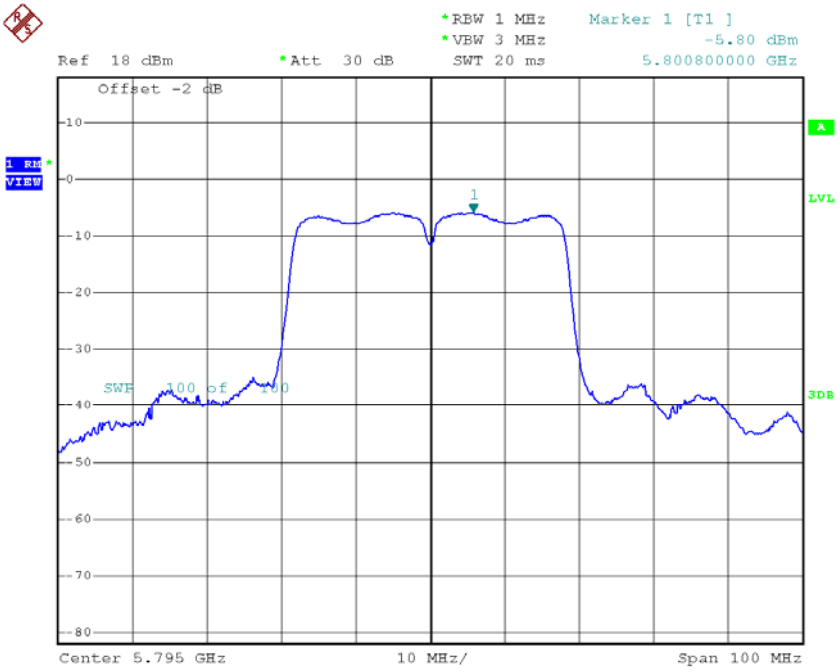
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-8.37	0.73	-7.64	30.00
CH159	5795	-5.80	0.73	-5.07	30.00

TX CH151



Date: 4.MAR.2016 16:09:03

TX CH159

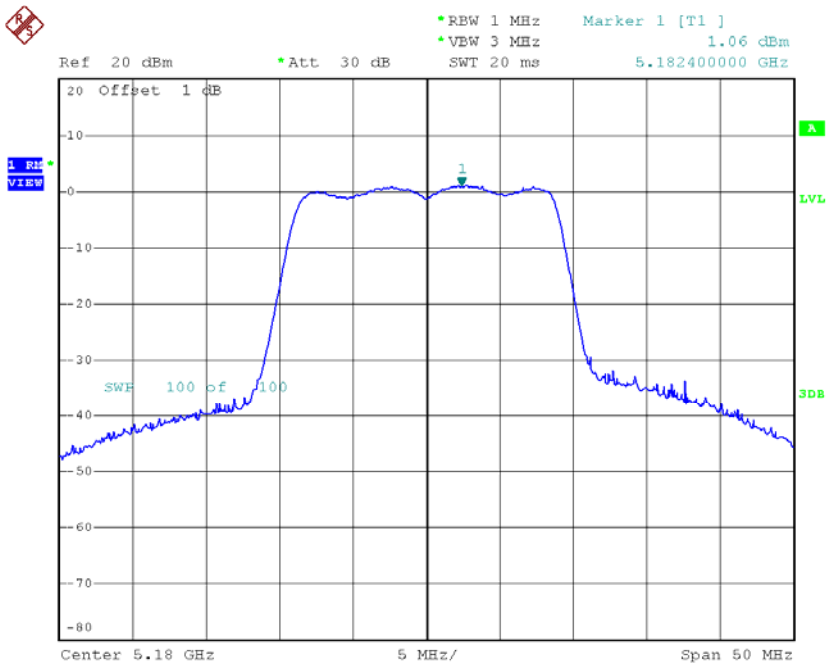


Date: 4.MAR.2016 16:10:35

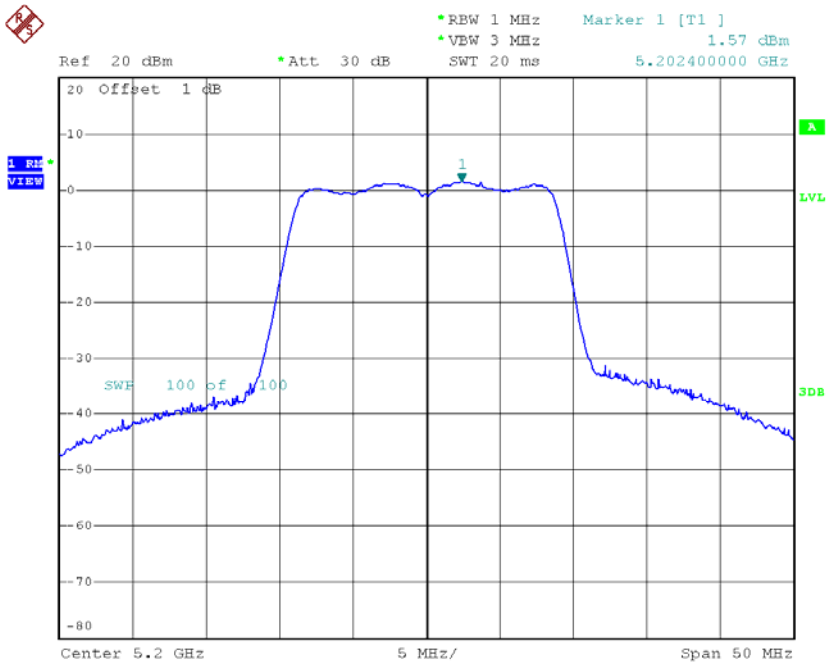
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.06	0.45	1.51	11.00
CH40	5200	1.57	0.45	2.02	11.00
CH48	5240	0.50	0.45	0.95	11.00

CH36

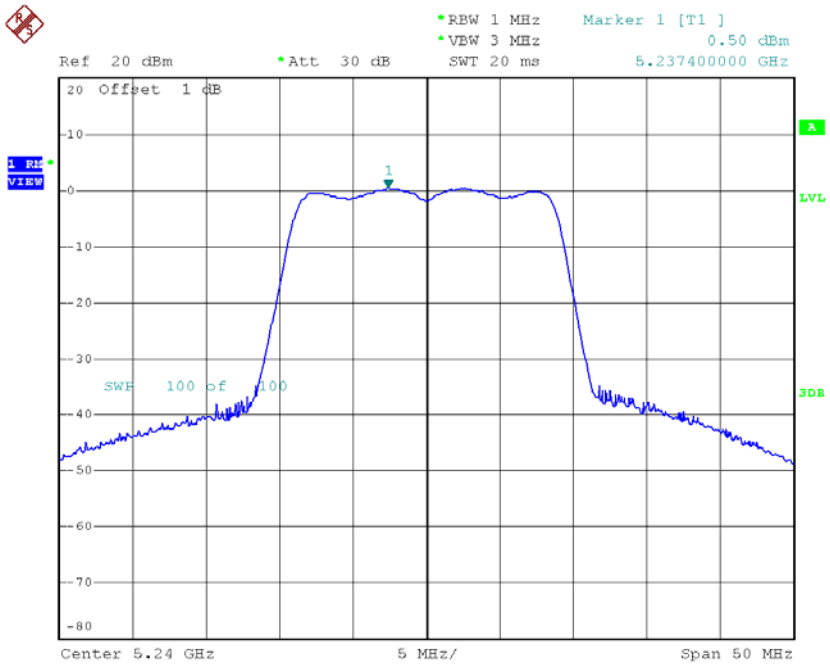


CH40



Date: 4.MAR.2016 15:31:51

CH48

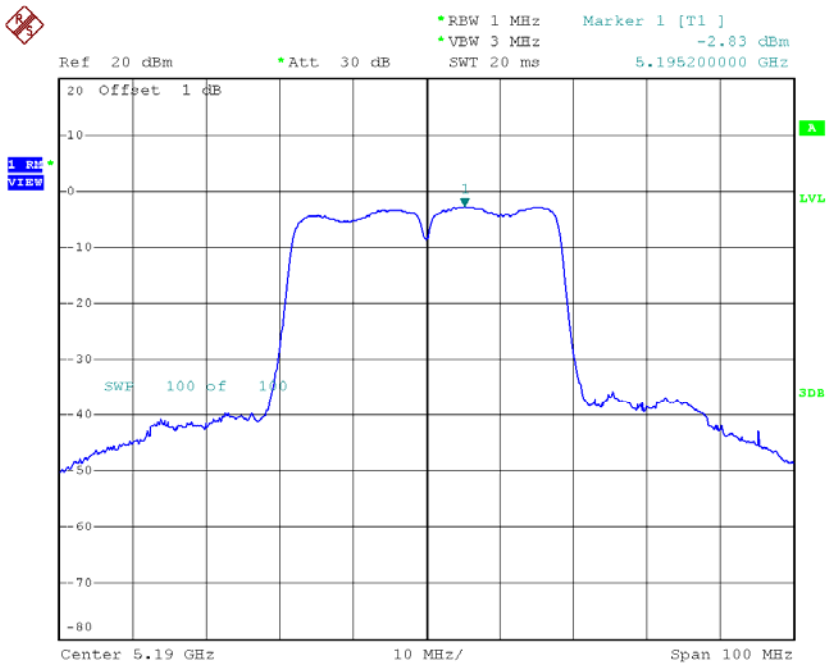


Date: 4.MAR.2016 15:33:32

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

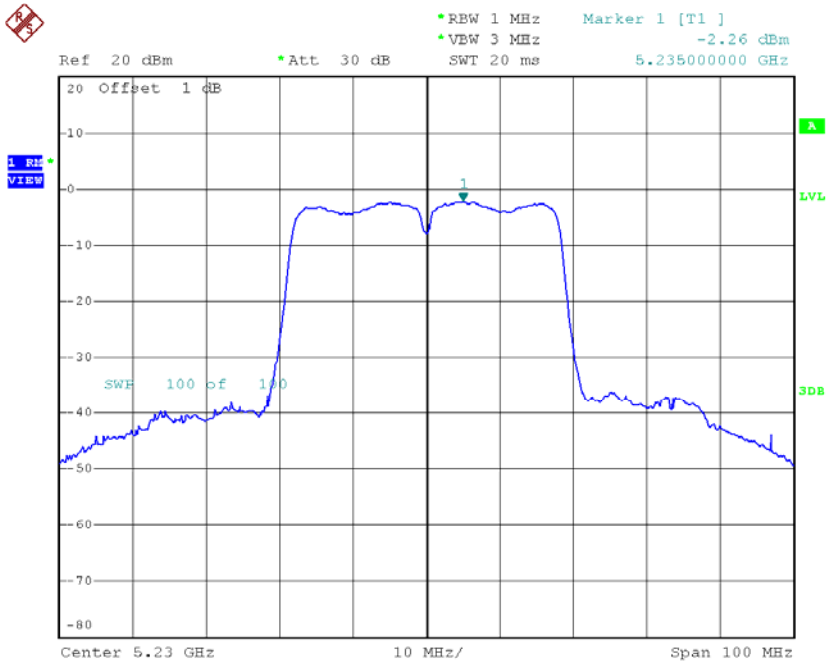
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-2.83	0.91	-1.92	11.00
CH46	5230	-2.26	0.91	-1.35	11.00

CH38



Date: 4.MAR.2016 16:13:58

CH46

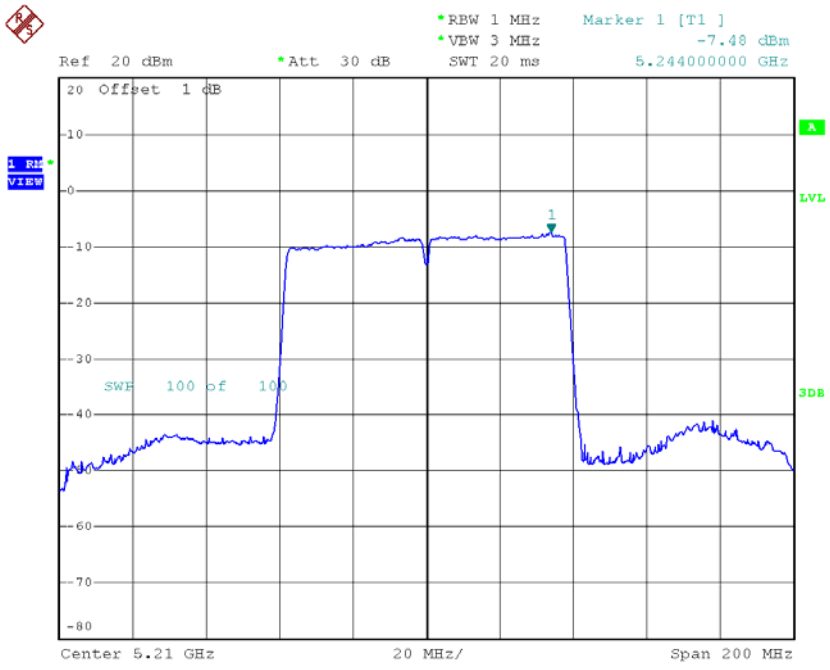


Date: 4.MAR.2016 16:15:14

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-7.48	2.22	-5.26	11.00

CH42

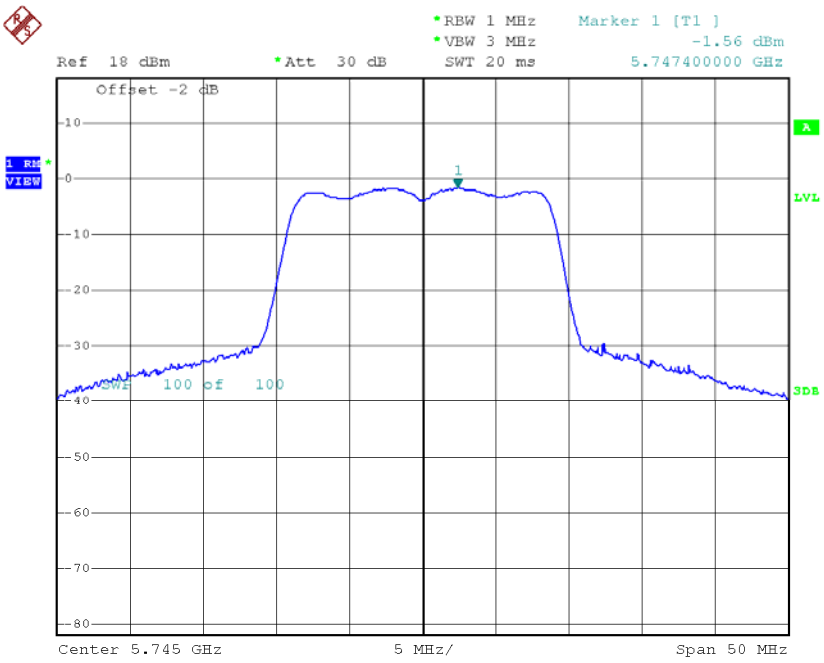


Date: 4.MAR.2016 16:21:28

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

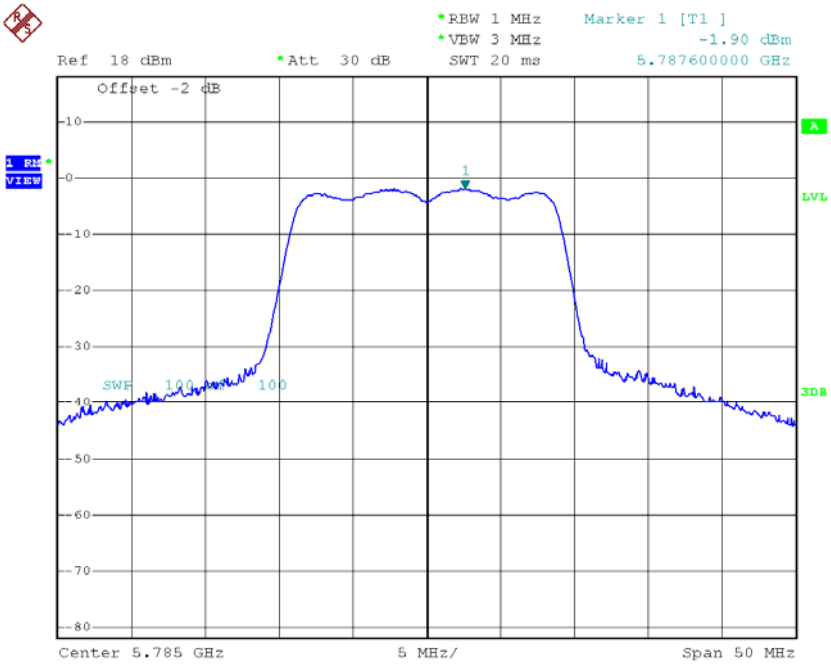
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-1.56	0.45	-1.11	30.00
CH157	5785	-1.90	0.45	-1.45	30.00
CH165	5825	-2.35	0.45	-1.90	30.00

TX CH149



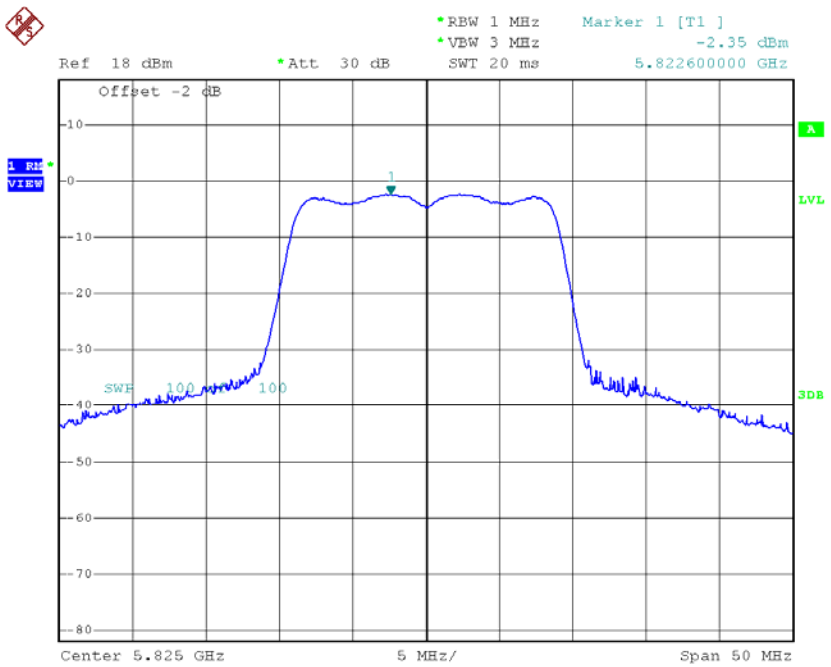
Date: 4.MAR.2016 15:35:14

TX CH157



Date: 4.MAR.2016 15:39:09

TX CH165

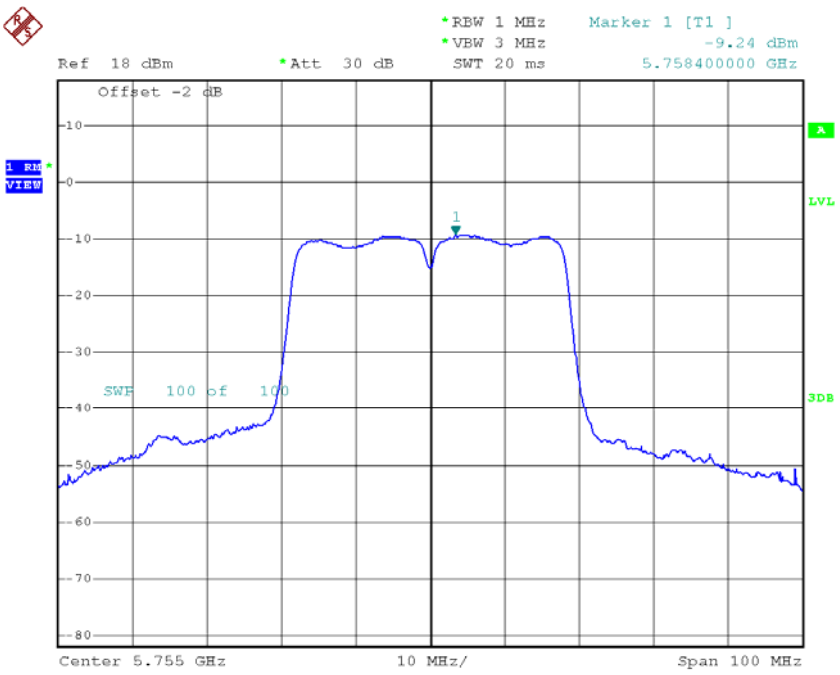


Date: 4.MAR.2016 15:40:19

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

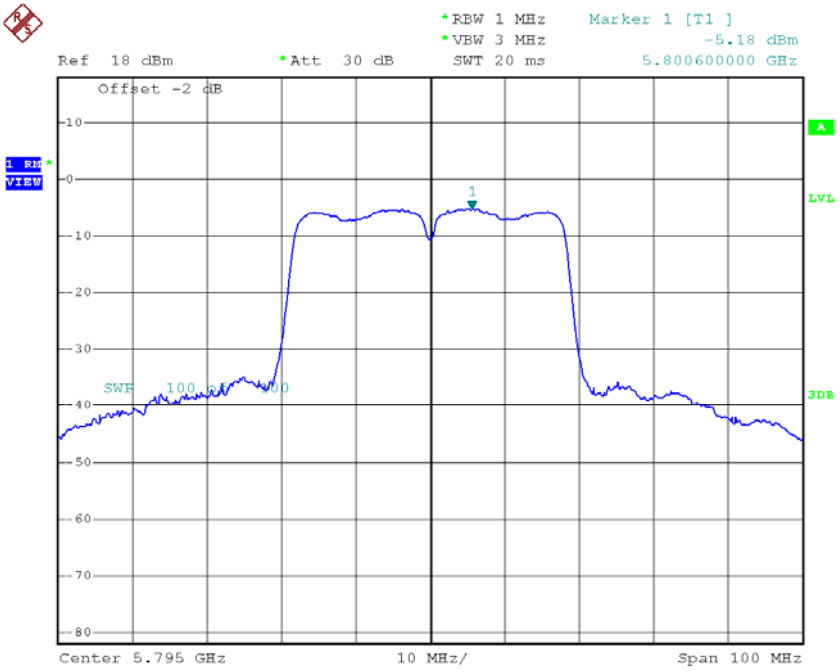
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-9.24	0.91	-8.33	30.00
CH159	5795	-5.18	0.91	-4.27	30.00

TX CH151



Date: 4.MAR.2016 16:16:27

TX CH159

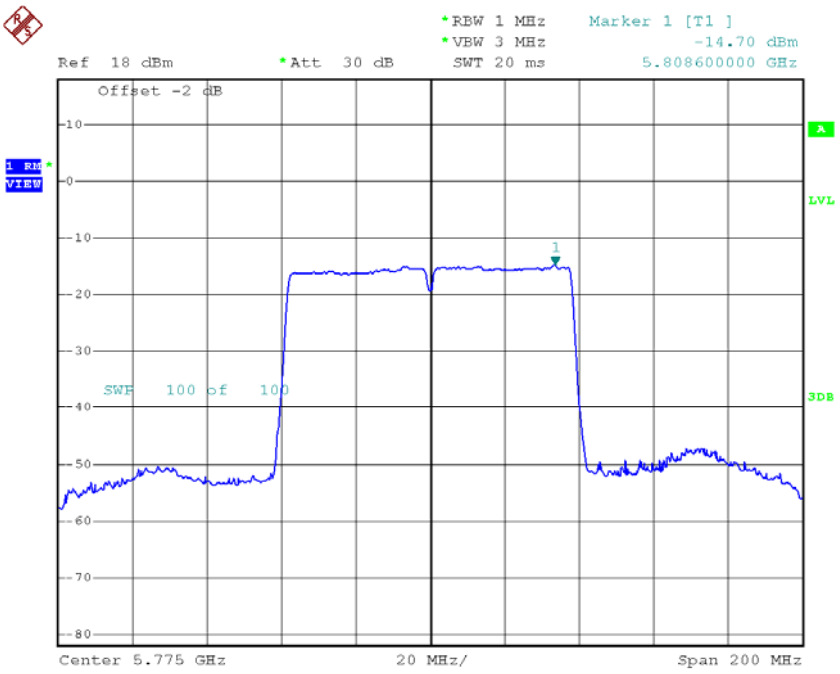


Date: 4.MAR.2016 16:18:01

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-14.70	2.22	-12.48	30.00

TX CH155



Date: 4.MAR.2016 16:24:36

ATTACHMENT I - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
3.63	5179.9800
3.30	5179.9951
2.97	5180.0000
Max. Deviation (MHz)	0.0200
Max. Deviation (ppm)	3.8610

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
-20	5179.9951
-10	5179.9950
0	5179.9800
10	5179.9799
20	5179.9750
30	5180.0000
40	5179.9951
50	5179.9951
60	5179.9902
70	5179.9950
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.8263

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
3.63	5744.9800
3.30	5745.0000
2.97	5745.0000
Max. Deviation (MHz)	0.0200
Max. Deviation (ppm)	3.4813

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
-20	5744.9950
-10	5744.9599
0	5744.9902
10	5744.9950
20	5744.9999
30	5744.9950
40	5744.9750
50	5744.9950
60	5744.9750
70	5744.9750
Max. Deviation (MHz)	0.0401
Max. Deviation (ppm)	6.9800