

FCCRadio Test Report

FCC ID:KA2IR819A1

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

Project No. : 1605C069A
Equipment : Wireless AC750 Dual Band Router
Model Name : DIR-819
Applicant : D-LINK Corporation
Address : 17595 Mt. Herrmann, Fountain Valley, California,
United States

Date of Receipt : May 10, 2016
Date of Test : May 10, 2016 ~ Nov. 16, 2016
Issued Date : Nov. 17, 2016
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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1605C069A	Original Issue.	Nov. 17, 2016

1. CERTIFICATION

Equipment : Wireless AC750 Dual Band Router
Brand Name : D-LINK
Model Name : DIR-819
Applicant : D-LINK Corporation
Manufacturer : D-LINK Corporation
Address : 17595 Mt. Herrmann, Fountain Valley, California, United States
Date of Test : May 10, 2016 ~ Nov. 16, 2016
Test Sample : Engineering Sample
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1605C069A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless AC750 Dual Band Router	
Brand Name	D-LINK	
Model Name	DIR-819	
Model Difference	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	Up to 433Mbps
Power Source	DC voltage supplied from AC/DC adapter. Model: S06A12-120A050-C4	
Power Rating	I/P: 100-240V~50/60Hz max 0.3A O/P: 12V --- 0.5A	
Output Power	Output Power (Max.)for UNII-1	802.11a:17.97dBm 802.11n (20M): 17.89dBm 802.11n (40M): 17.73dBm 802.11ac (20M): 17.97dBm 802.11ac (40M): 17.66dBm 802.11ac (80M): 15.77dBm
	Output Power (Max.)for UNII-3	802.11a:18.52dBm 802.11n (20M): 18.34dBm 802.11n (40M): 17.97dBm 802.11ac (20M): 18.21dBm 802.11ac (40M): 18.17dBm 802.11ac (80M): 17.79dBm

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)	Length
1		AG-011400-0517	Dipole	N/A	5	100mm

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

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

Note:

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

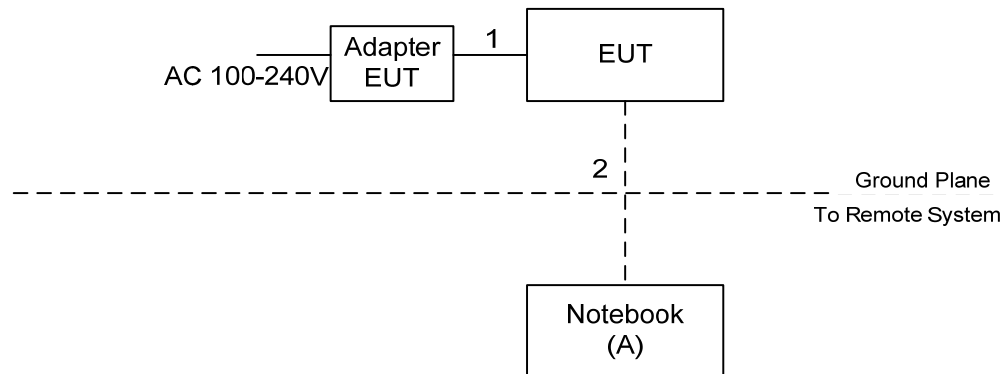
UNII-1 - 1TX			
Test Software Version	MT76xxE_AP.exe		
Frequency (MHz)	5180	5200	5240
A Mode	0E	0F	0E
Frequency (MHz)	5180	5200	5240
N20 Mode	0F	0E	0D
Frequency (MHz)	5190	5230	
N40 Mode	0D	0C	

UNII-3 - 1TX			
Test Software Version	MT76xxE_AP.exe		
Frequency (MHz)	5745	5785	5825
A Mode	08	07	08
Frequency (MHz)	5745	5785	5825
N20 Mode	07	07	07
Frequency (MHz)	5755	5795	
N40 Mode	05	06	

UNII-1 - 1TX			
Test Software Version	MT76xxE_AP.exe		
Frequency (MHz)	5180	5200	5240
AC20 Mode	OF	OF	OD
Frequency (MHz)	5190	5230	
AC40 Mode	OE	OC	
Frequency (MHz)	5210		
AC80 Mode	O9		

UNII-3 - 1TX			
Test Software Version	MT76xxE_AP.exe		
Frequency (MHz)	5745	5785	5825
AC20 Mode	O6	O7	O7
Frequency (MHz)	5755	5795	
AC40 Mode	O5	O6	
Frequency (MHz)	5775		
AC80 Mode	OO		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

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

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

4. EMC EMISSION TEST

4.1 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.

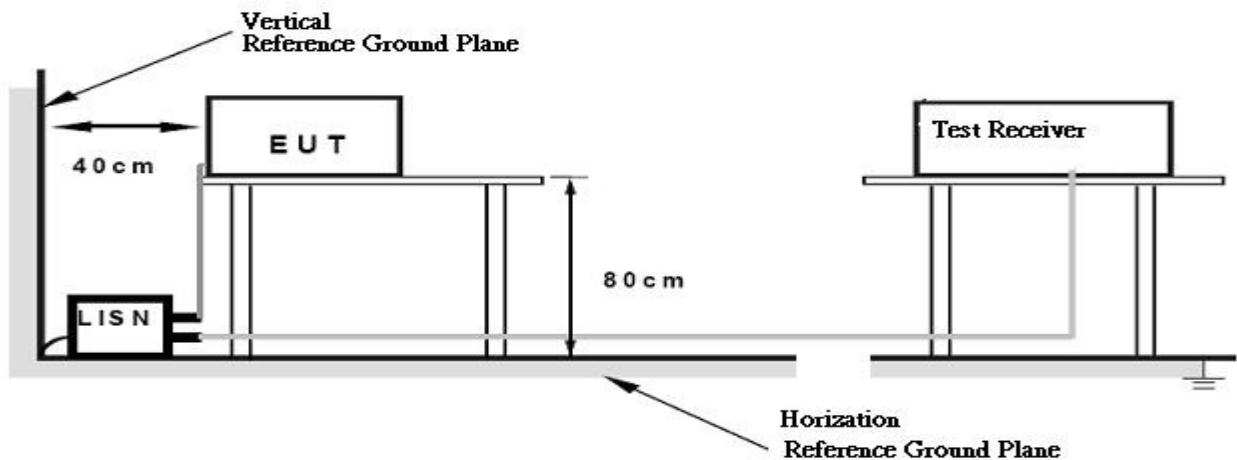
4.1.2 TEST PROCEDURE

- 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 groundplane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TESTSETUP



4.1.5EUT OPERATING CONDITIONS

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

The EUT was programmed to be in continuously transmitting/TX Modemode.

4.1.6EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of『Note 』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits,the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “ * ” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150kHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to

field strength: $E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m}$, where P is the eirp (Watts)

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

4.2.2 TEST PROCEDURE

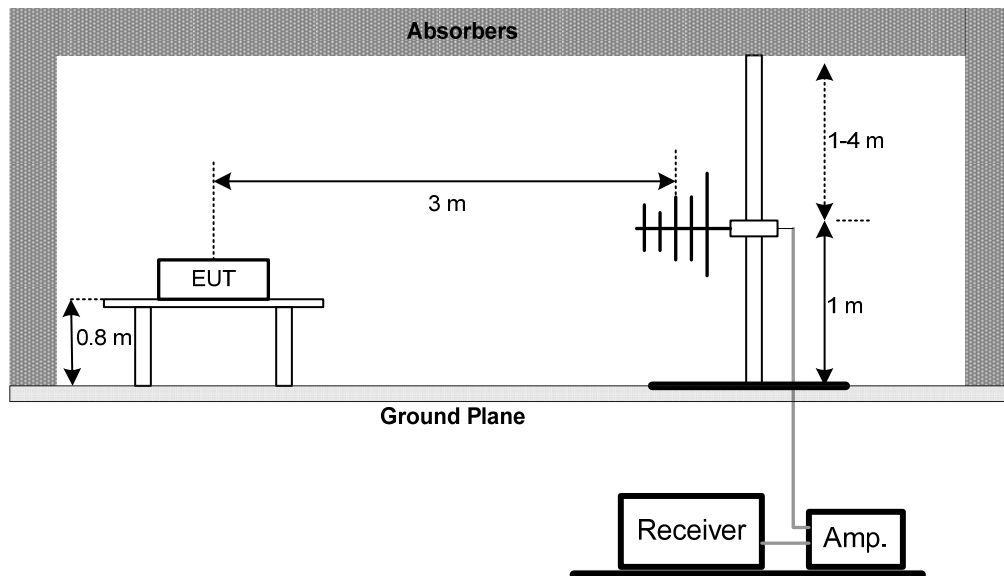
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

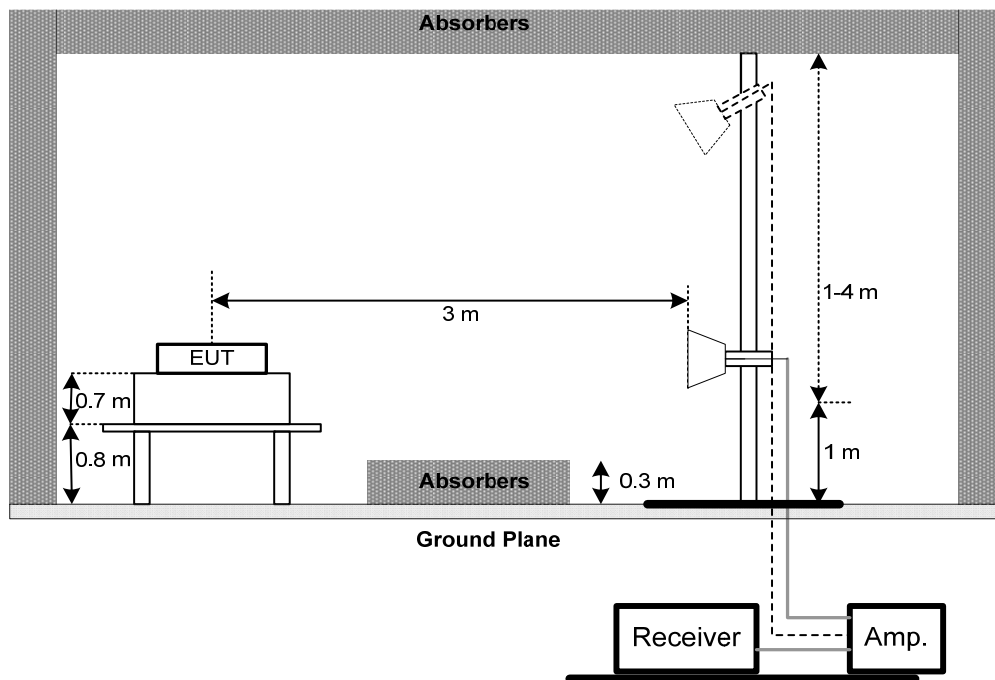
No deviation

4.2.4 TEST SETUP

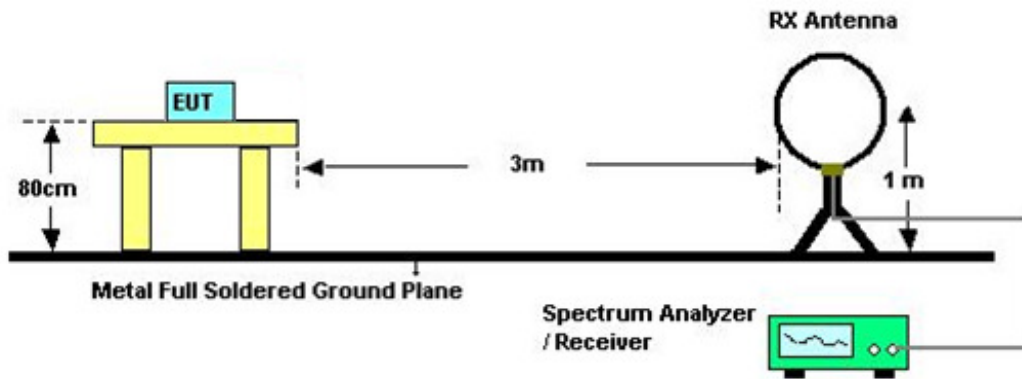
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9KHz TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS(30MHzTO 1000MHz)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE1000MHz)

Please refer to the Attachment D.

Remark:

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

5.26dB SPECTRUM BANDWIDTH

5.1APPLIED PROCEDURES / LIMIT

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

5.1.1TEST PROCEDURE

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

b.

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

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

5.1.2DEVIATION FROM STANDARD

No deviation.

5.1.3TEST SETUP



5.1.4EUT OPERATION CONDITIONS

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

5.1.5EUT TEST CONDITIONS

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

5.1.6TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 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 any elevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm) - outdoor.			

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	$\geq$ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
- The value measured with RBW=1MHz is to be added with $10\log(500\text{kHz}/1\text{MHz})$ which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

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

7.1.5 TEST RESULTS

Please refer to the Attachment H.

8.FREQUENCY STABILITY MEASUREMENT

8.1APPLIED PROCEDURES / LIMIT

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

8.1.1TEST PROCEDURE

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

b.

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

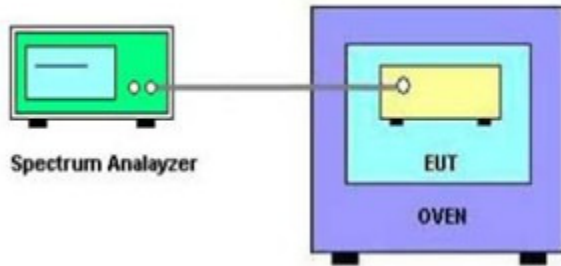
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is0°C~45°C.

8.1.2DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
2	LISN	EMCO	3816/2	52765	Mar. 27, 2017
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 27, 2017
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 27, 2017
5	Cable	emci	RG223(9KHz-30 MHz)(5m)	N/A	Mar. 10, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Oct. 20, 2017
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Controller	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	ETS	3115	00075789	Mar. 27, 2017
9	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2017
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz-26.5 GHz)	C-68	Jun. 26, 2017
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 27, 2017
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
13	EMI Test Receiver	R&S	ESCI	100895	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2017

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

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

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

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Sep. 04, 2017
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

10.EUT TEST PHOTOS

Conducted Measurement Photos



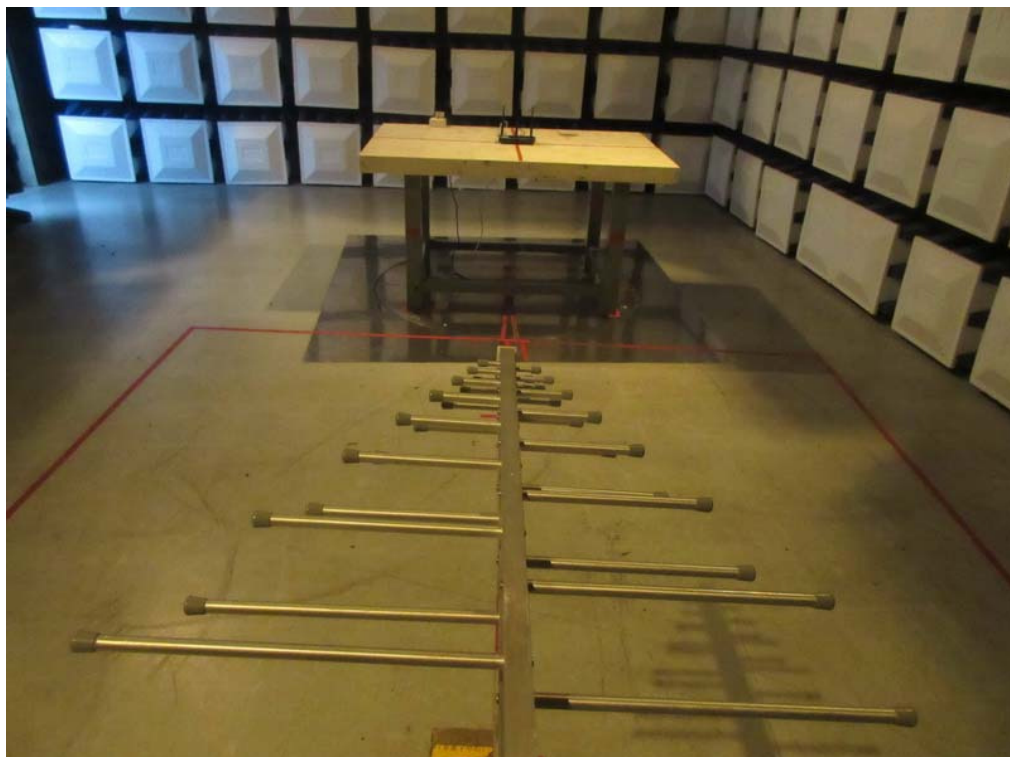
Radiated Measurement Photos

9KHz to 30MHz



Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

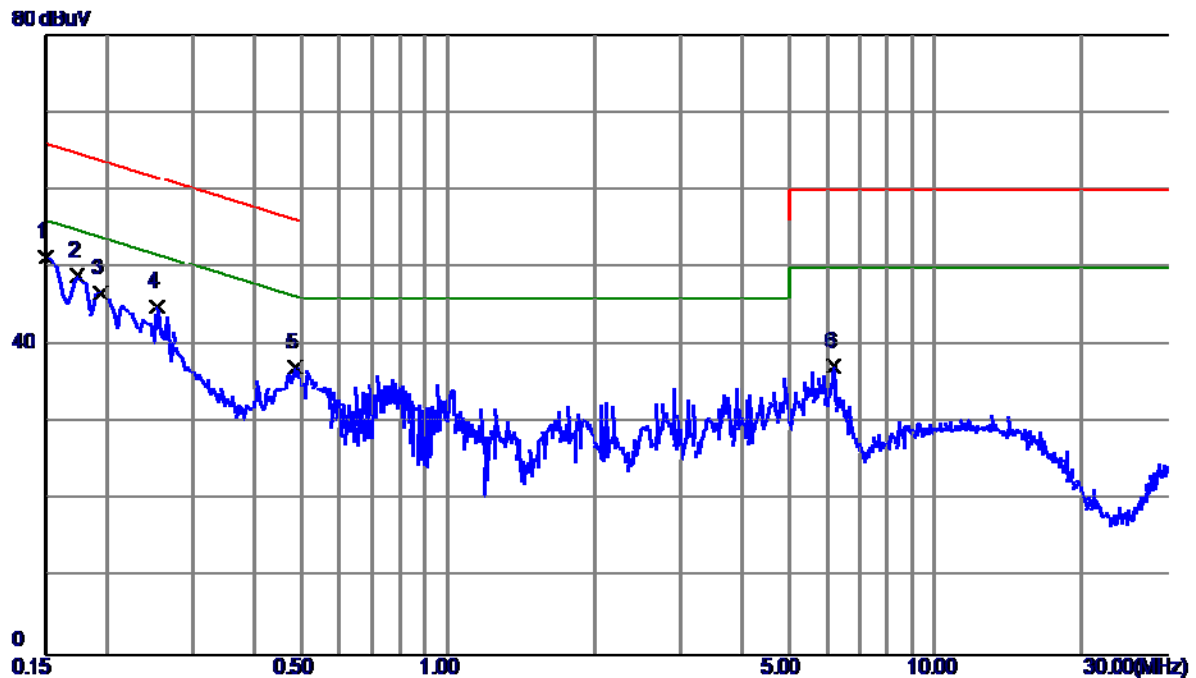
Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE

Line

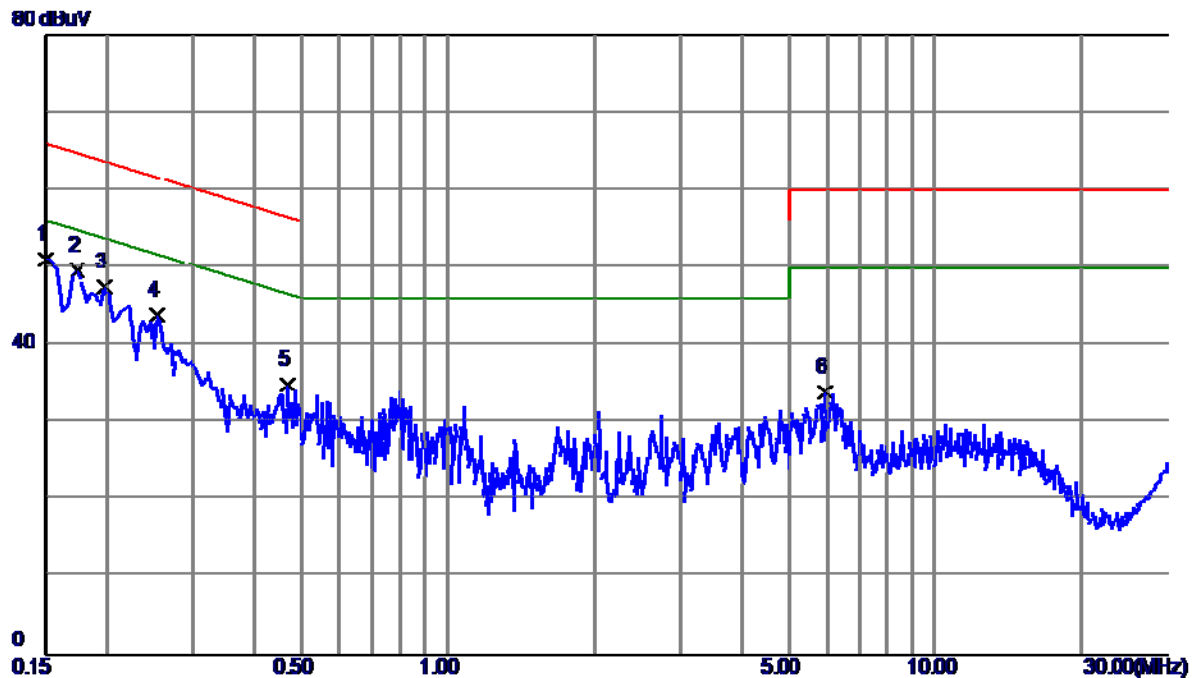


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	41.81	9.52	51.33	66.00	-14.67	Peak	
2	0.1740	39.48	9.52	49.00	64.77	-15.77	Peak	
3	0.1945	37.21	9.53	46.74	63.84	-17.10	Peak	
4	0.2540	35.46	9.53	44.99	61.63	-16.64	Peak	
5	0.4860	27.49	9.63	37.12	56.24	-19.12	Peak	
6	6.1820	27.15	10.08	37.23	60.00	-22.77	Peak	

Note: The test result has included the cable loss.

Test Mode: TX MODE

Neutral



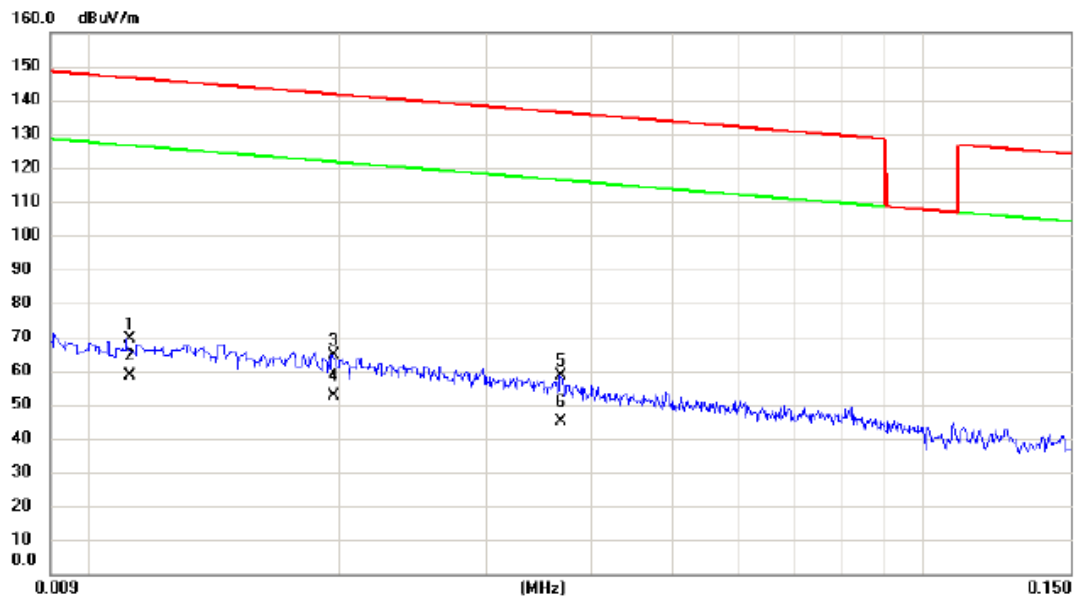
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	41.53	9.52	51.05	66.00	-14.95	Peak	
2	0.1740	40.14	9.44	49.58	64.77	-15.19	Peak	
3	0.1980	38.05	9.52	47.57	63.69	-16.12	Peak	
4	0.2540	34.27	9.53	43.80	61.63	-17.83	Peak	
5	0.4700	25.38	9.44	34.82	56.51	-21.69	Peak	
6	5.9580	23.99	9.97	33.96	60.00	-26.04	Peak	

Note: The test result has included the cable loss.

ATTACHMENTB -RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX MODE

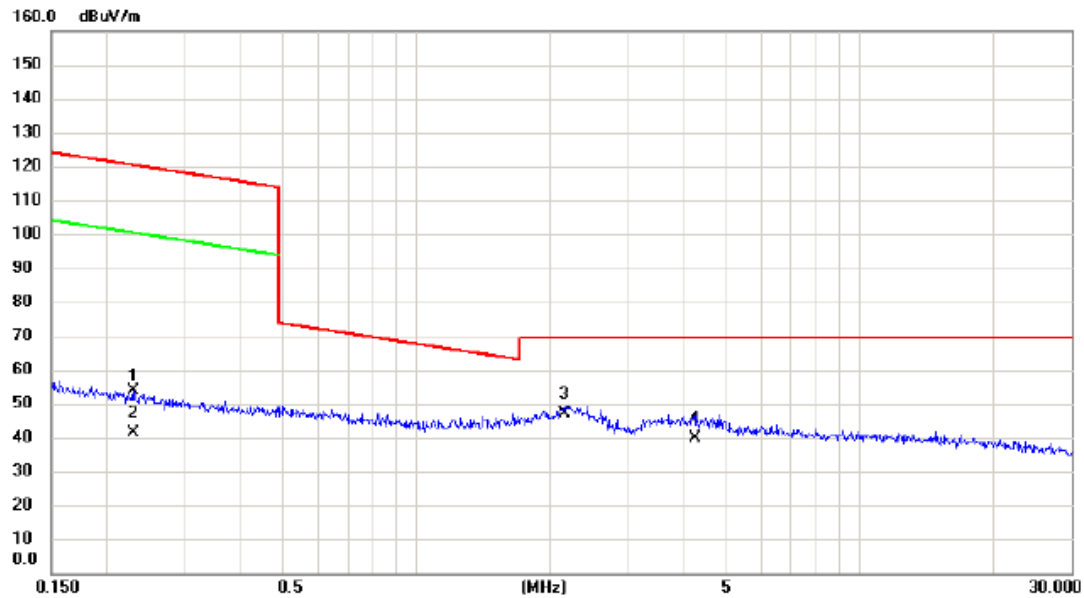
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0112	45.35	24.05	69.40	146.62	-77.22	peak	
2	*	0.0112	34.50	24.05	58.55	126.62	-68.07	AVG	
3		0.0197	41.18	23.54	64.72	141.72	-77.00	peak	
4		0.0197	29.00	23.54	52.54	121.72	-69.18	AVG	
5		0.0368	37.24	21.45	58.69	136.29	-77.60	peak	
6		0.0368	23.50	21.45	44.95	116.29	-71.34	AVG	

Test Mode: TX MODE

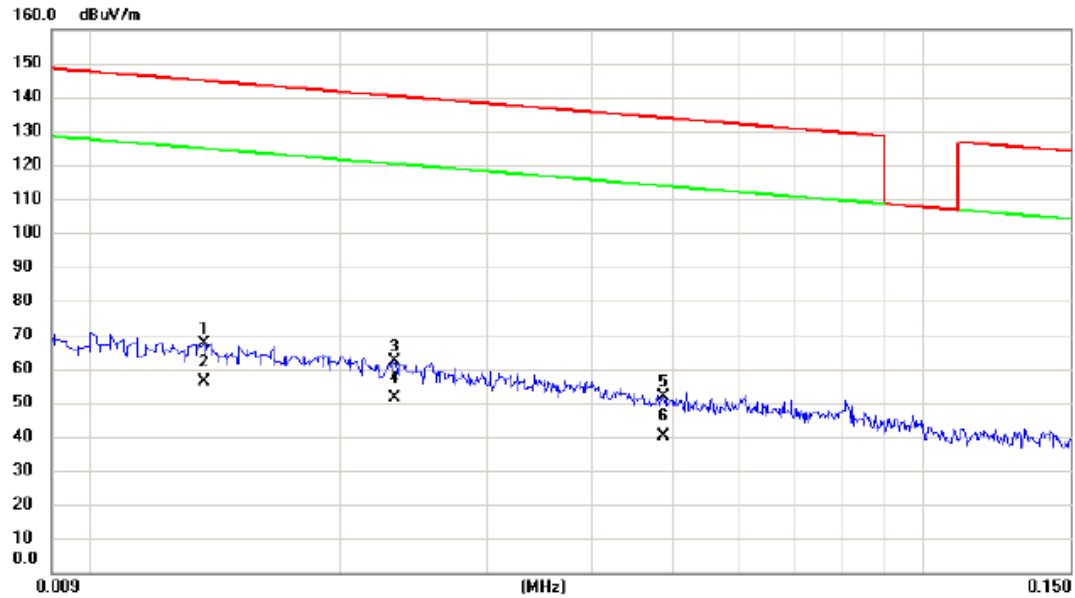
Ant 0°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.2304	35.24	18.67	53.91	120.36	-66.45	peak	
2	0.2304	22.70	18.67	41.37	100.36	-58.99	AVG	
3 *	2.1552	29.40	17.71	47.11	69.54	-22.43	QP	
4	4.2466	21.40	18.24	39.64	69.54	-29.90	QP	

Test Mode: TX MODE

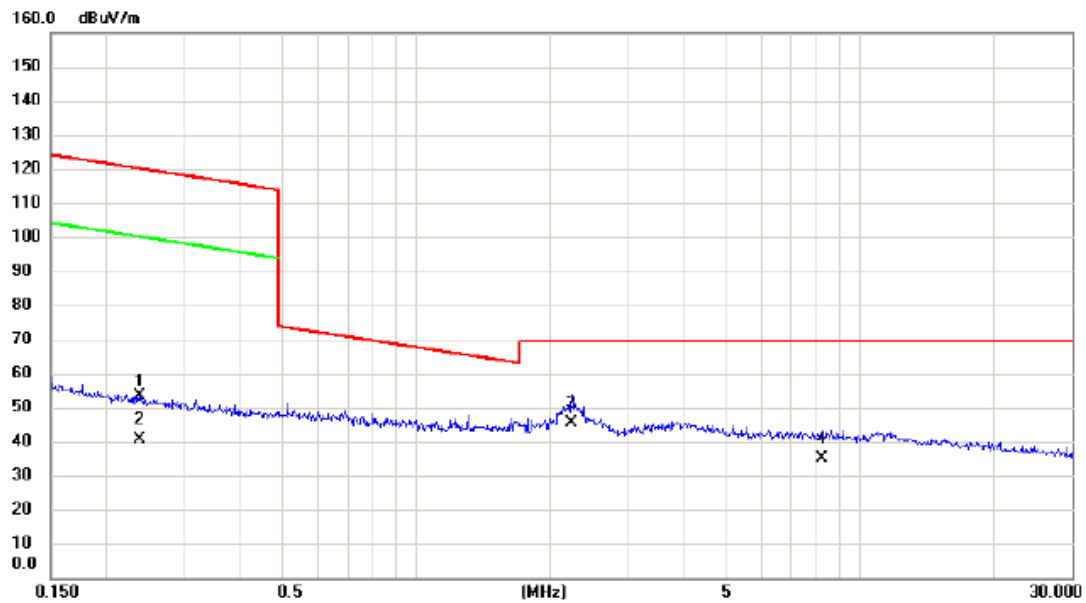
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0137	43.59	23.90	67.49	144.87	-77.38	peak	
2	*	0.0137	32.50	23.90	56.40	124.87	-68.47	AVG	
3		0.0232	39.23	23.13	62.36	140.30	-77.94	peak	
4		0.0232	28.20	23.13	51.33	120.30	-68.97	AVG	
5		0.0487	31.68	19.98	51.66	133.85	-82.19	peak	
6		0.0487	20.10	19.98	40.08	113.85	-73.77	AVG	

Test Mode: TX MODE

Ant 90°

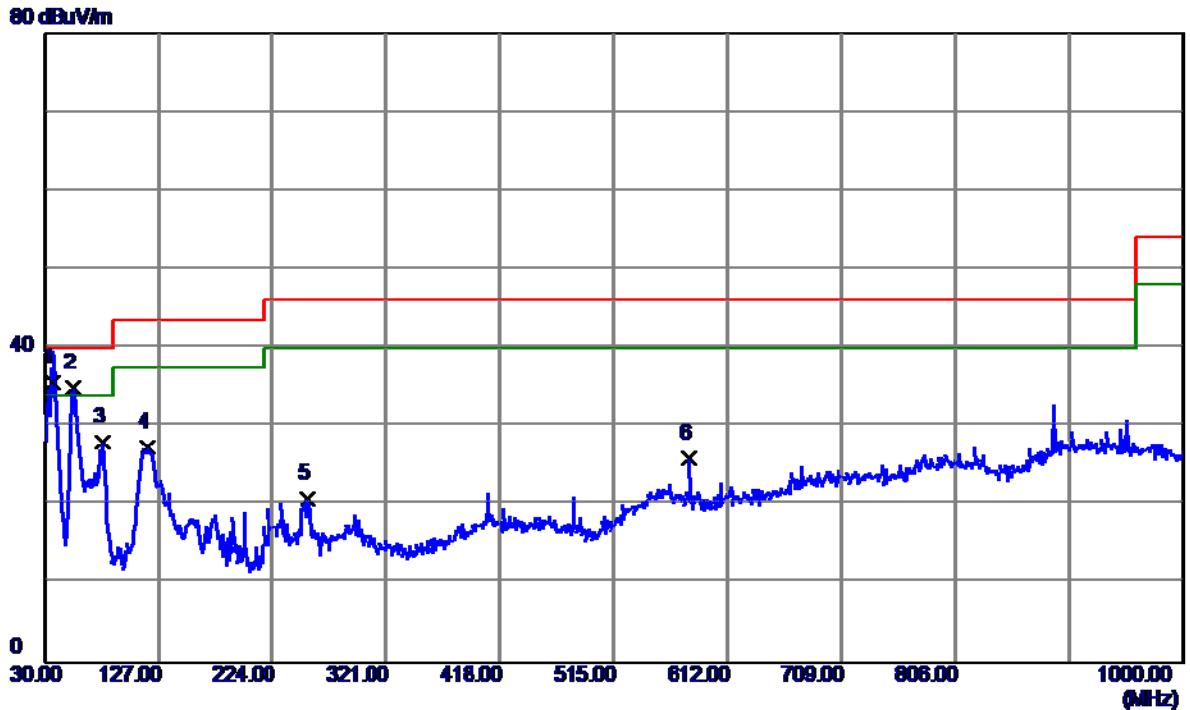


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2391	34.70	18.66	53.36	120.03	-66.67	peak	
2		0.2391	21.80	18.66	40.46	100.03	-59.57	AVG	
3	*	2.2367	28.00	17.60	45.60	69.54	-23.94	QP	
4		8.2351	19.00	16.15	35.15	69.54	-34.39	QP	

ATTACHMENTC -RADIATED EMISSION (30MHZ TO 1000MHZ)

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

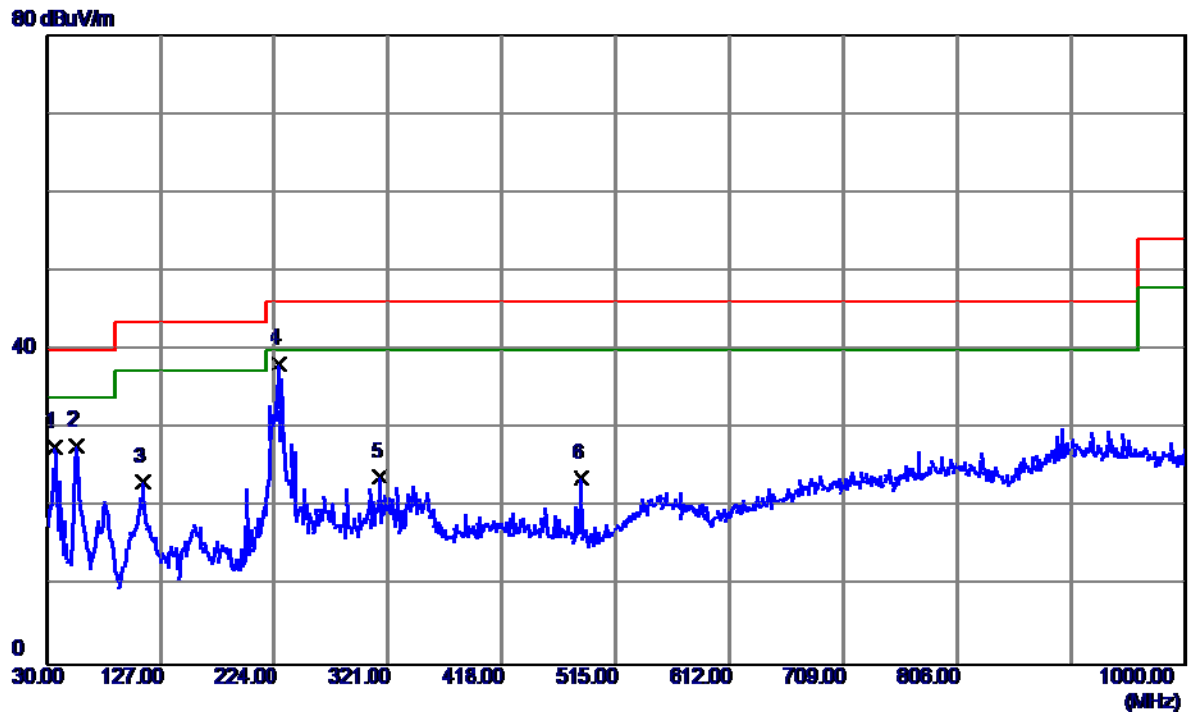
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	49.35	-13.85	35.50	40.00	-4.50	QP	
2	54.7350	48.33	-13.41	34.92	40.00	-5.08	Peak	
3	79.4700	43.97	-16.04	27.93	40.00	-12.07	Peak	
4	116.8150	41.26	-13.83	27.43	43.50	-16.07	Peak	
5	254.0700	35.24	-14.41	20.83	46.00	-25.17	Peak	
6	579.9900	32.68	-6.83	25.85	46.00	-20.15	Peak	

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

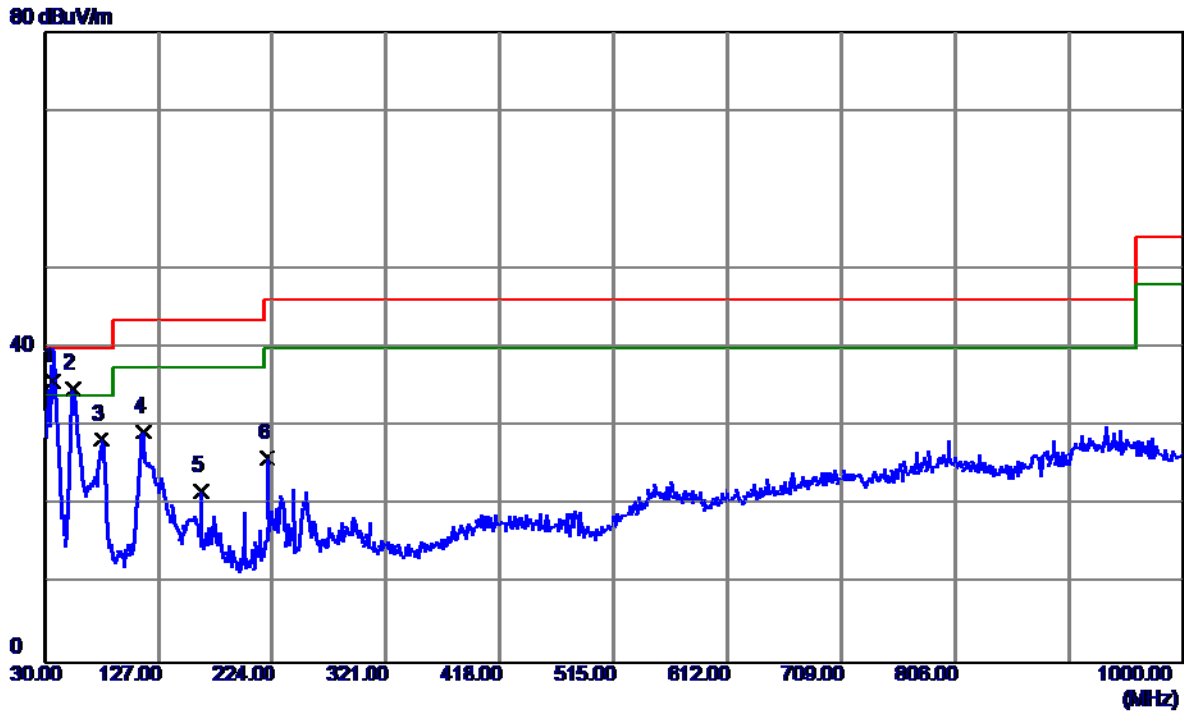
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	36.7900	41.53	-13.85	27.68	40.00	-12.32	Peak	
2	56.1900	41.12	-13.26	27.86	40.00	-12.14	Peak	
3	111.4800	37.68	-14.46	23.22	43.50	-20.28	Peak	
4 *	227.8800	51.98	-13.72	38.26	46.00	-7.74	Peak	
5	314.2100	34.59	-10.79	23.80	46.00	-22.20	Peak	
6	485.9000	33.49	-9.87	23.62	46.00	-22.38	Peak	

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

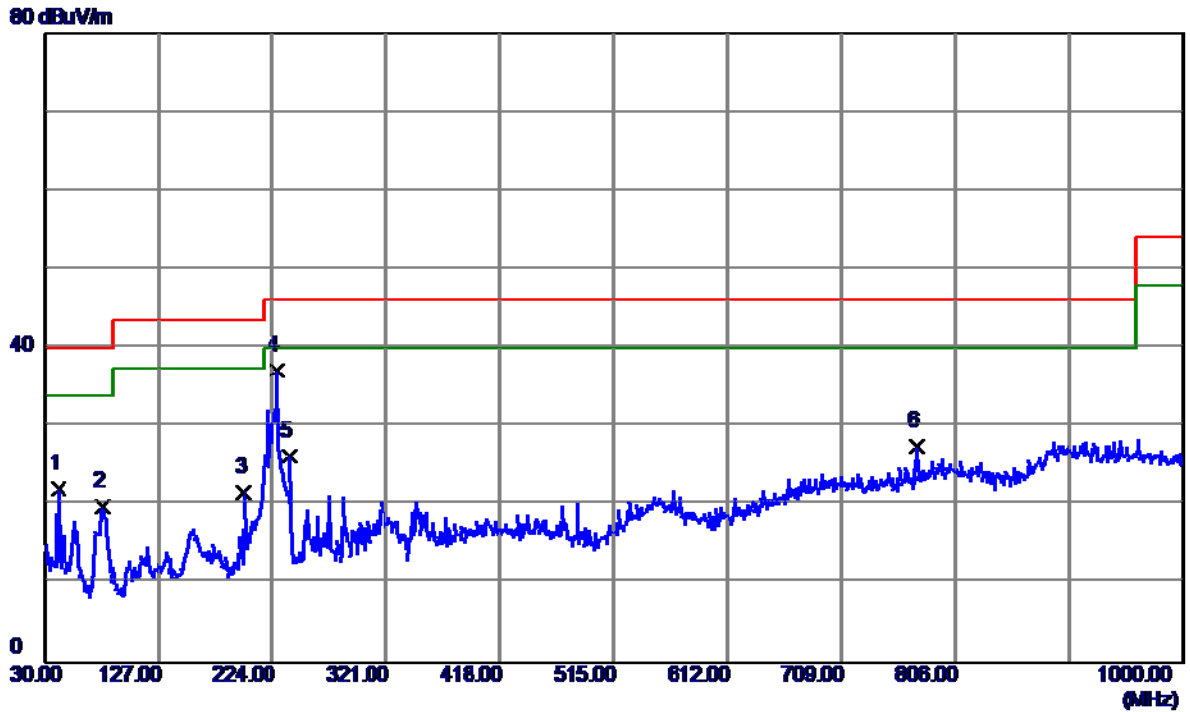
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	49.46	-13.85	35.61	40.00	-4.39	QP	
2	54.2500	48.28	-13.49	34.79	40.00	-5.21	Peak	
3	78.9850	44.42	-16.09	28.33	40.00	-11.67	Peak	
4	113.9050	43.45	-14.18	29.27	43.50	-14.23	Peak	
5	163.3750	34.05	-12.23	21.82	43.50	-21.68	Peak	
6	220.1200	40.27	-14.39	25.88	46.00	-20.12	Peak	

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

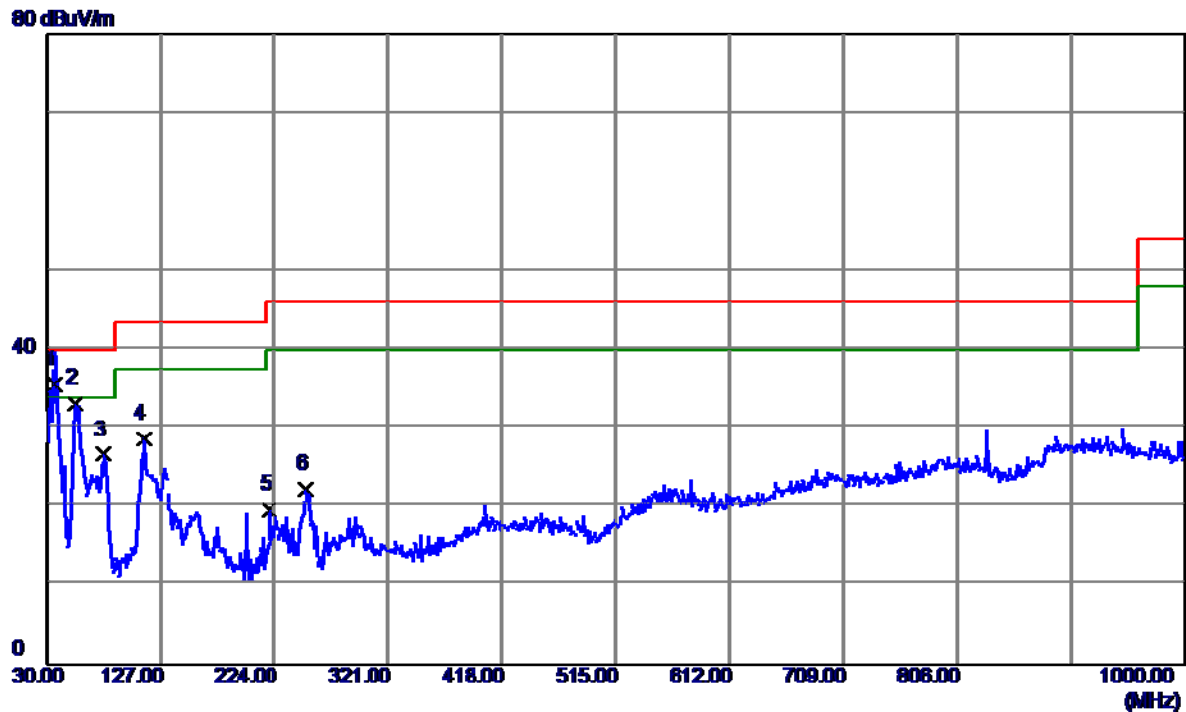
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	41.6400	35.65	-13.52	22.13	40.00	-17.87	Peak	
2	79.4700	35.94	-16.04	19.90	40.00	-20.10	Peak	
3	199.7500	36.15	-14.53	21.62	43.50	-21.88	Peak	
4 *	228.3650	50.78	-13.68	37.10	46.00	-8.90	Peak	
5	239.5200	40.17	-13.95	26.22	46.00	-19.78	Peak	
6	773.5050	29.38	-1.90	27.48	46.00	-18.52	Peak	

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

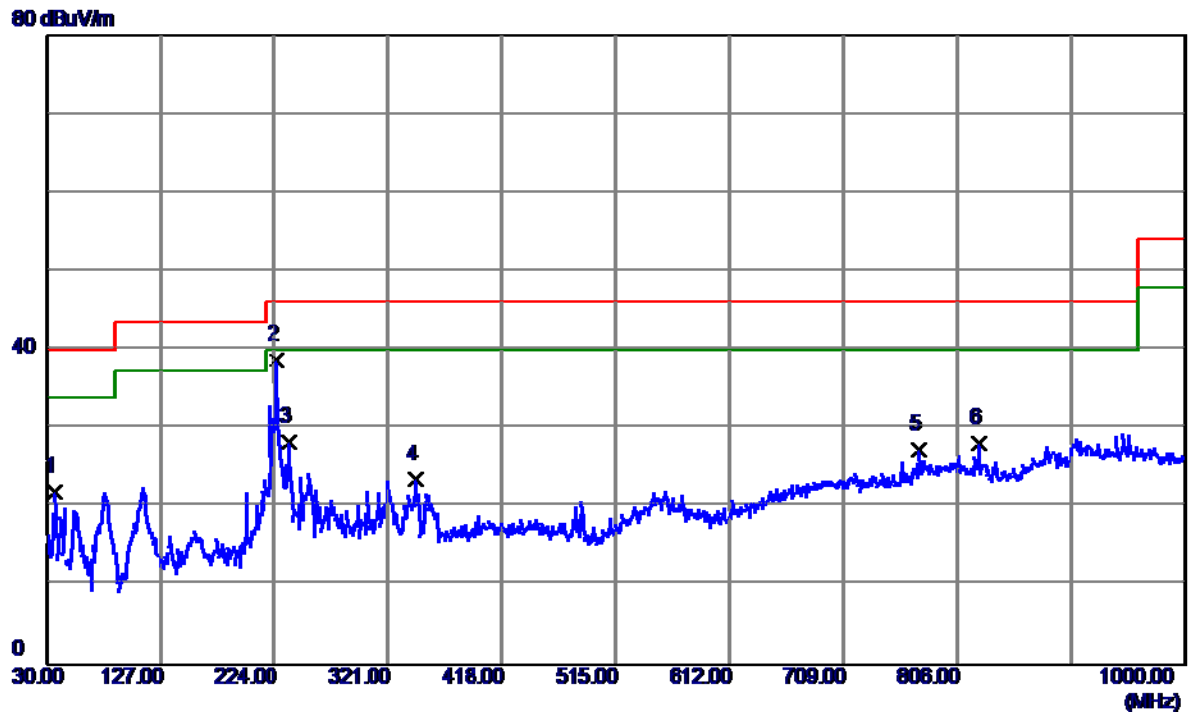
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	49.30	-13.85	35.45	40.00	-4.55	QP	
2	55.2200	46.44	-13.33	33.11	40.00	-6.89	Peak	
3	78.5000	42.78	-16.14	26.64	40.00	-13.36	Peak	
4	112.4500	43.06	-14.35	28.71	43.50	-14.79	Peak	
5	220.1200	34.07	-14.39	19.68	46.00	-26.32	Peak	
6	251.1600	36.62	-14.40	22.22	46.00	-23.78	Peak	

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

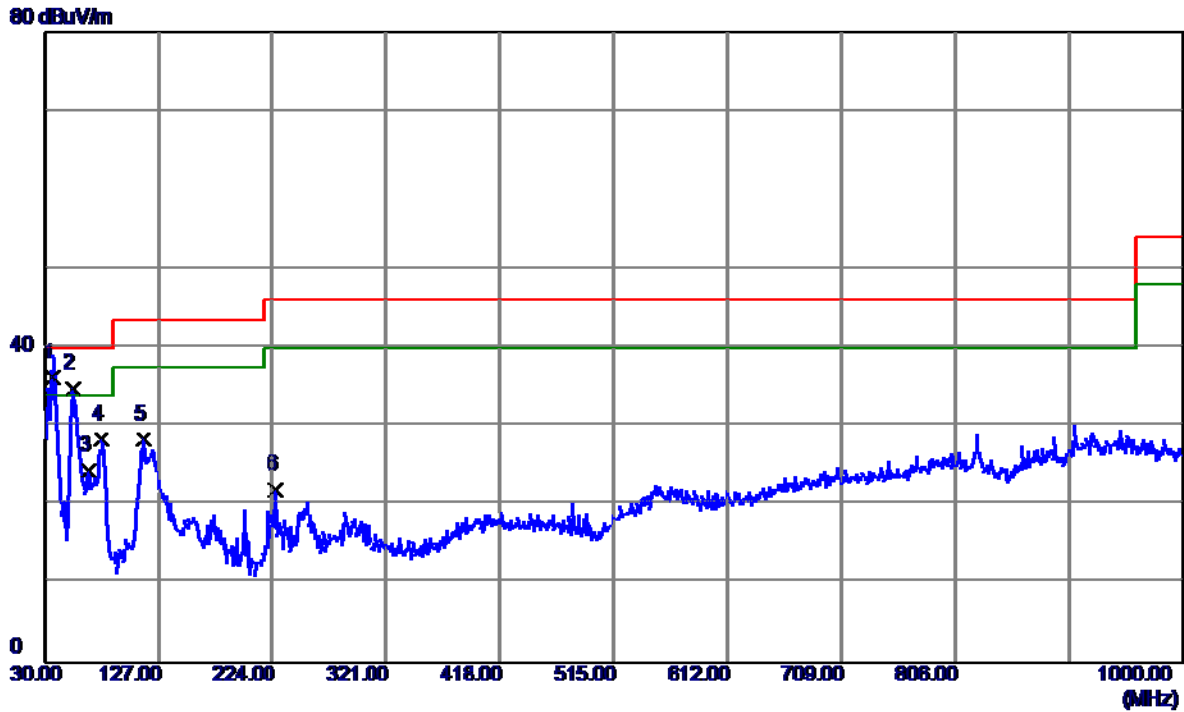
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	36.7900	35.77	-13.85	21.92	40.00	-18.08	Peak	
2 *	226.4250	52.55	-13.85	38.70	46.00	-7.30	Peak	
3	236.6100	42.08	-13.82	28.26	46.00	-17.74	Peak	
4	344.7650	34.94	-11.49	23.45	46.00	-22.55	Peak	
5	773.5050	29.22	-1.90	27.32	46.00	-18.68	Peak	
6	823.9450	29.58	-1.48	28.10	46.00	-17.90	Peak	

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

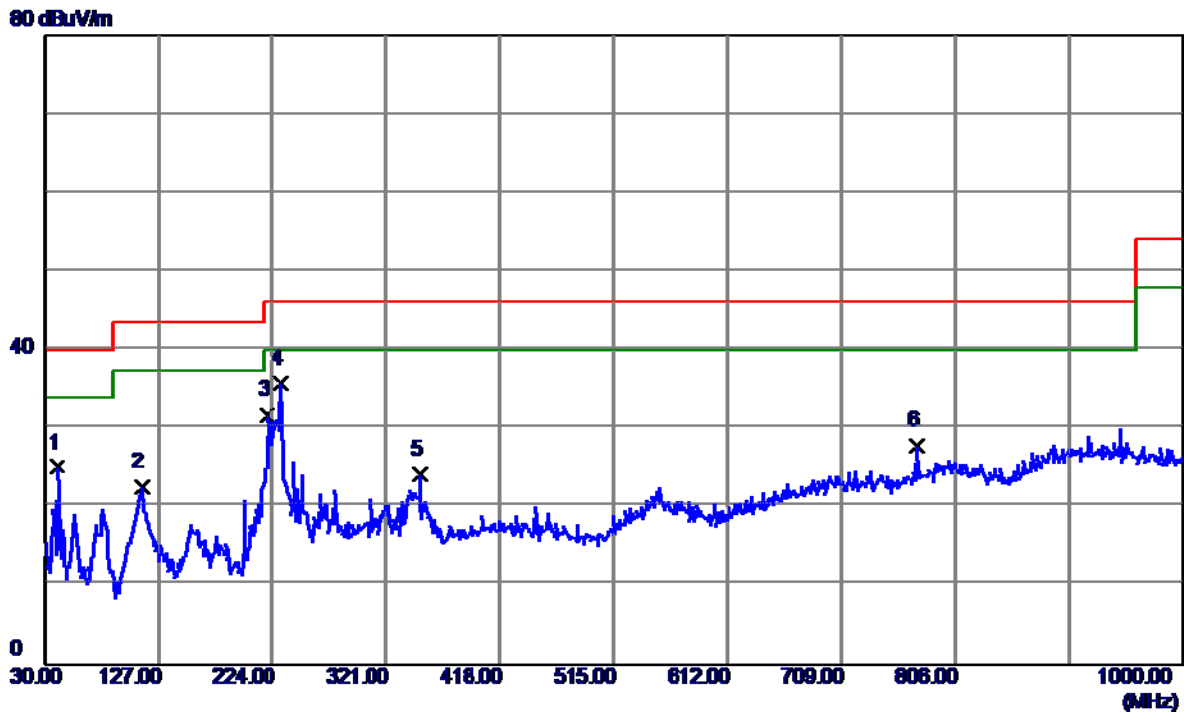
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	49.97	-13.85	36.12	40.00	-3.88	QP	
2	54.2500	48.26	-13.49	34.77	40.00	-5.23	Peak	
3	67.8300	40.25	-15.87	24.38	40.00	-15.62	Peak	
4	78.5000	44.40	-16.14	28.26	40.00	-11.74	Peak	
5	114.3900	42.41	-14.12	28.29	43.50	-15.21	Peak	
6	226.9100	35.73	-13.80	21.93	46.00	-24.07	Peak	

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

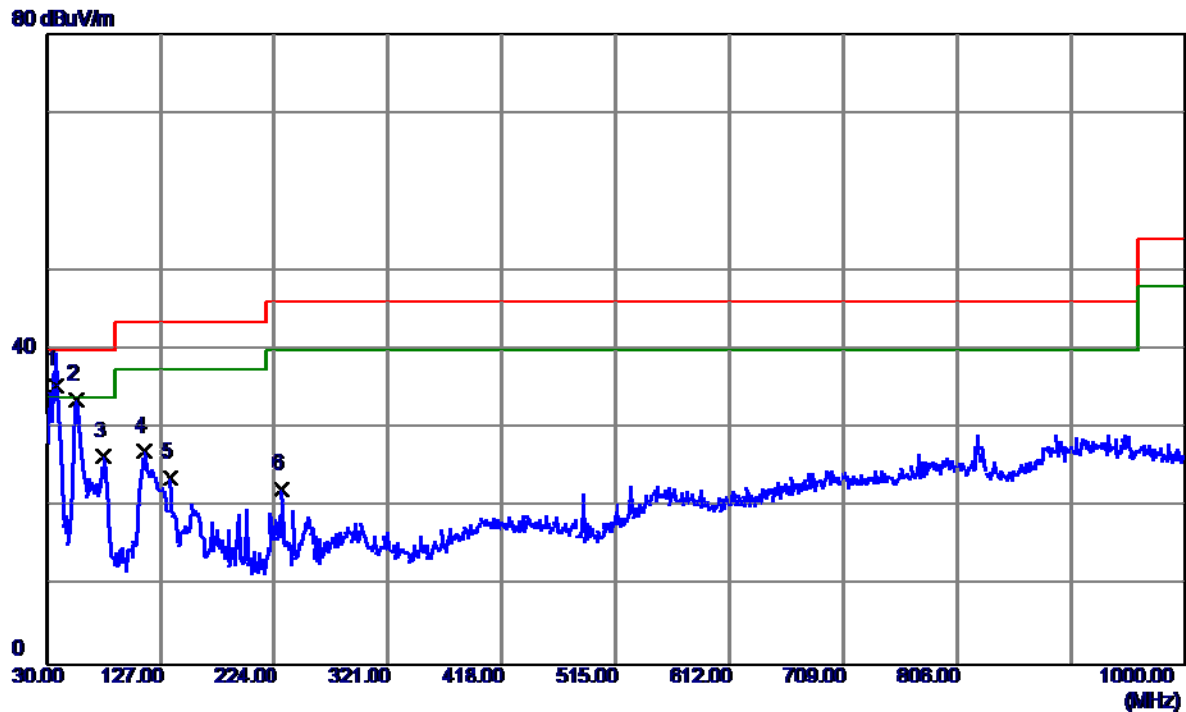
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	40.6699	38.76	-13.72	25.04	40.00	-14.96	Peak	
2	112.4500	36.93	-14.35	22.58	43.50	-20.92	Peak	
3	220.1200	46.11	-14.39	31.72	46.00	-14.28	Peak	
4 *	231.7600	49.37	-13.61	35.76	46.00	-10.24	Peak	
5	349.6150	35.76	-11.61	24.15	46.00	-21.85	Peak	
6	773.5050	29.74	-1.90	27.84	46.00	-18.16	Peak	

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

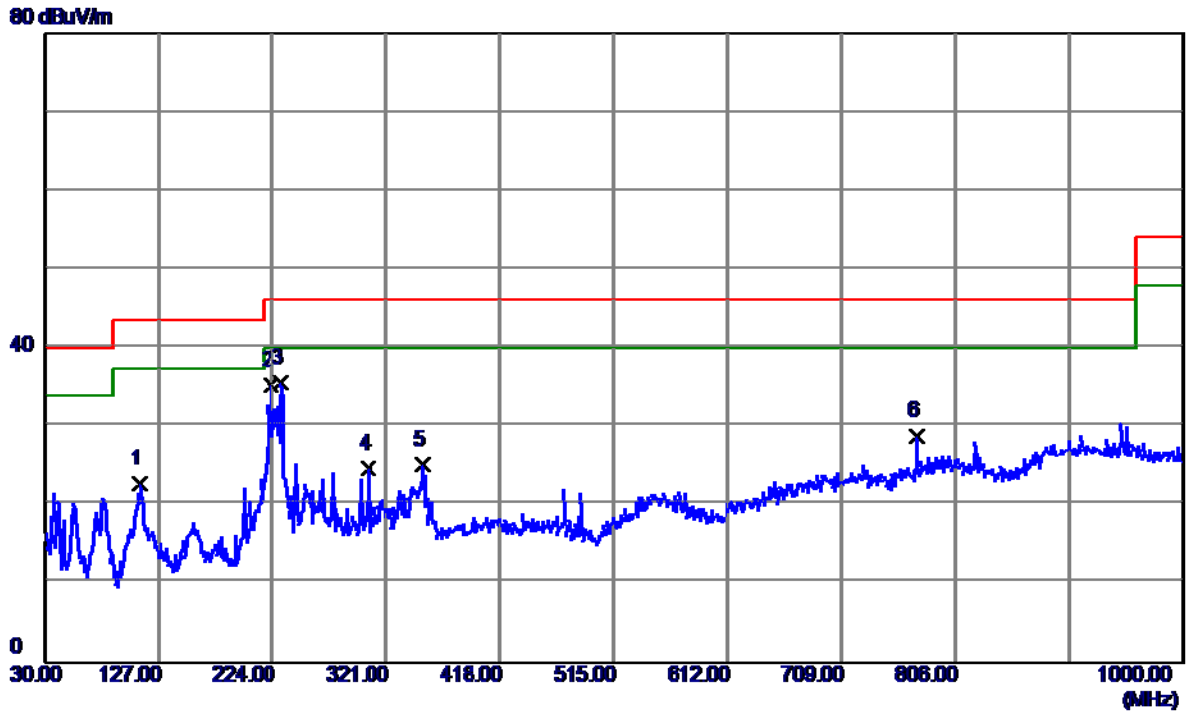
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	37.2750	49.39	-13.95	35.44	40.00	-4.56	QP	
2	56.1900	46.81	-13.26	33.55	40.00	-6.45	Peak	
3	78.5000	42.50	-16.14	26.36	40.00	-13.64	Peak	
4	112.9350	41.37	-14.29	27.08	43.50	-16.42	Peak	
5	135.2450	36.79	-13.10	23.69	43.50	-19.81	Peak	
6	230.3050	35.79	-13.55	22.24	46.00	-23.76	Peak	

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

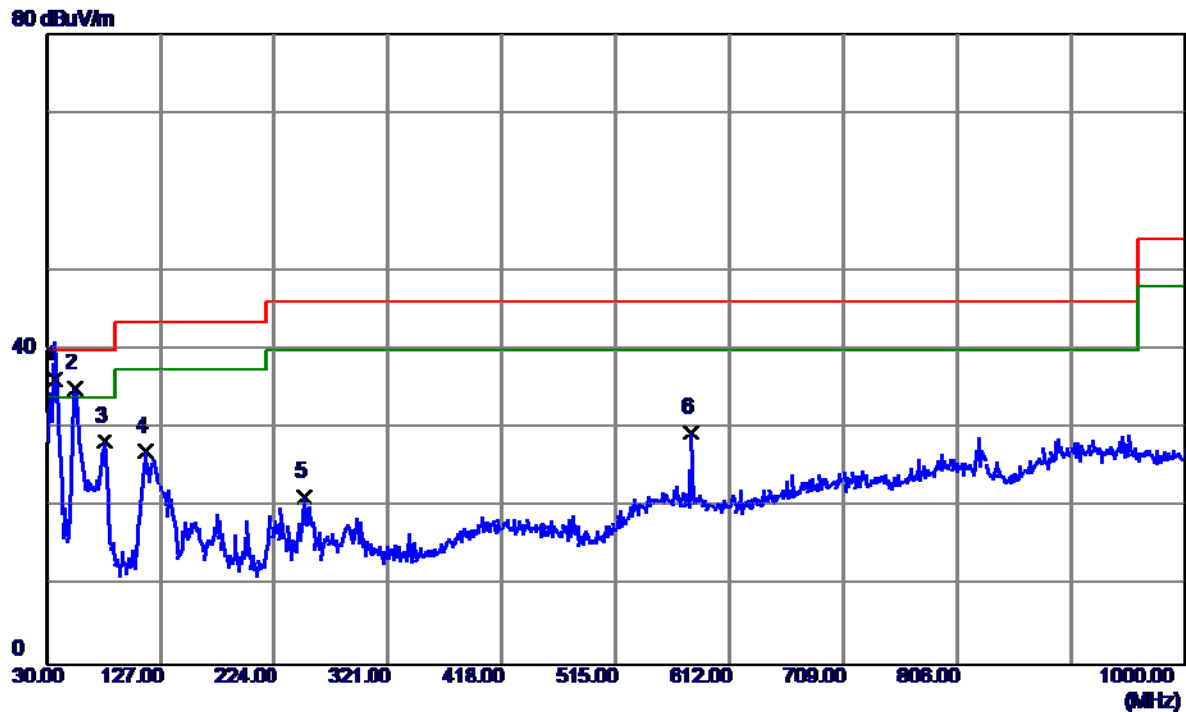
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	110.9950	37.30	-14.52	22.78	43.50	-20.72	Peak	
2	223.0300	49.35	-14.14	35.21	46.00	-10.79	Peak	
3 *	231.7600	49.18	-13.61	35.57	46.00	-10.43	Peak	
4	305.9650	35.30	-10.60	24.70	46.00	-21.30	Peak	
5	352.5250	36.62	-11.45	25.17	46.00	-20.83	Peak	
6	773.5050	30.68	-1.90	28.78	46.00	-17.22	Peak	

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

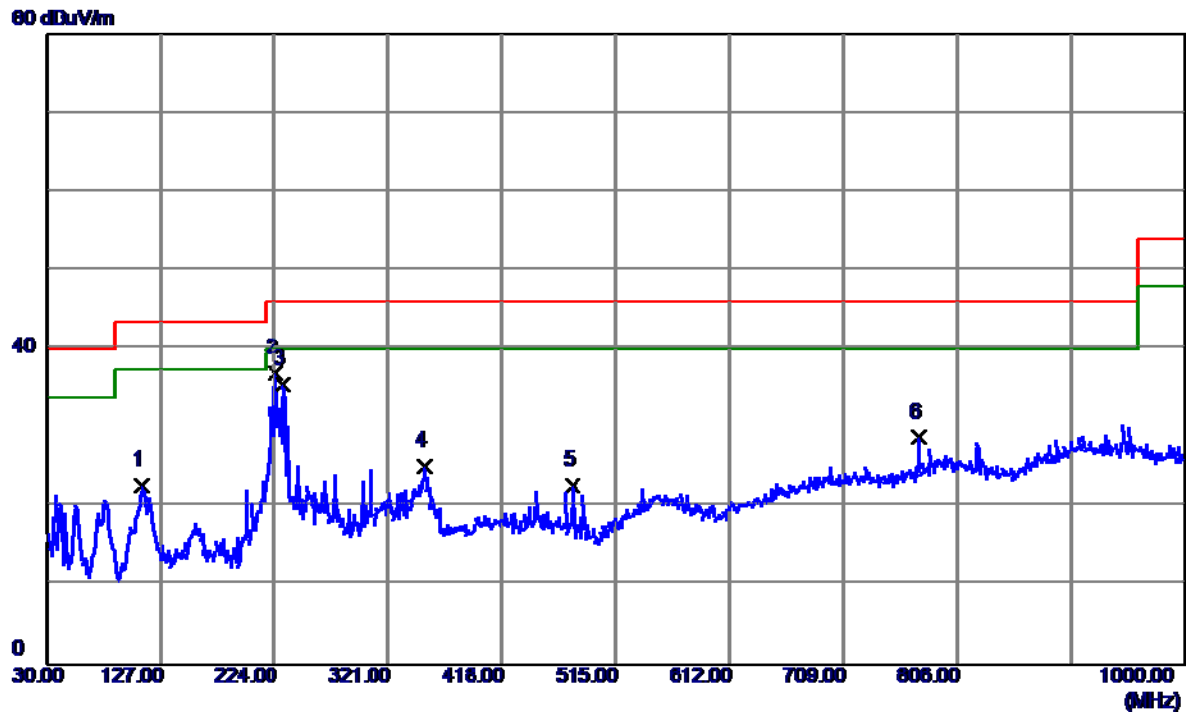
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	36.7900	50.00	-13.85	36.15	40.00	-3.85	QP	
2	54.2500	48.46	-13.49	34.97	40.00	-5.03	Peak	
3	79.4700	44.29	-16.04	28.25	40.00	-11.75	Peak	
4	113.9050	41.19	-14.18	27.01	43.50	-16.49	Peak	
5	250.1900	35.64	-14.40	21.24	46.00	-24.76	Peak	
6	579.9900	36.31	-6.83	29.48	46.00	-16.52	Peak	

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

Horizontal

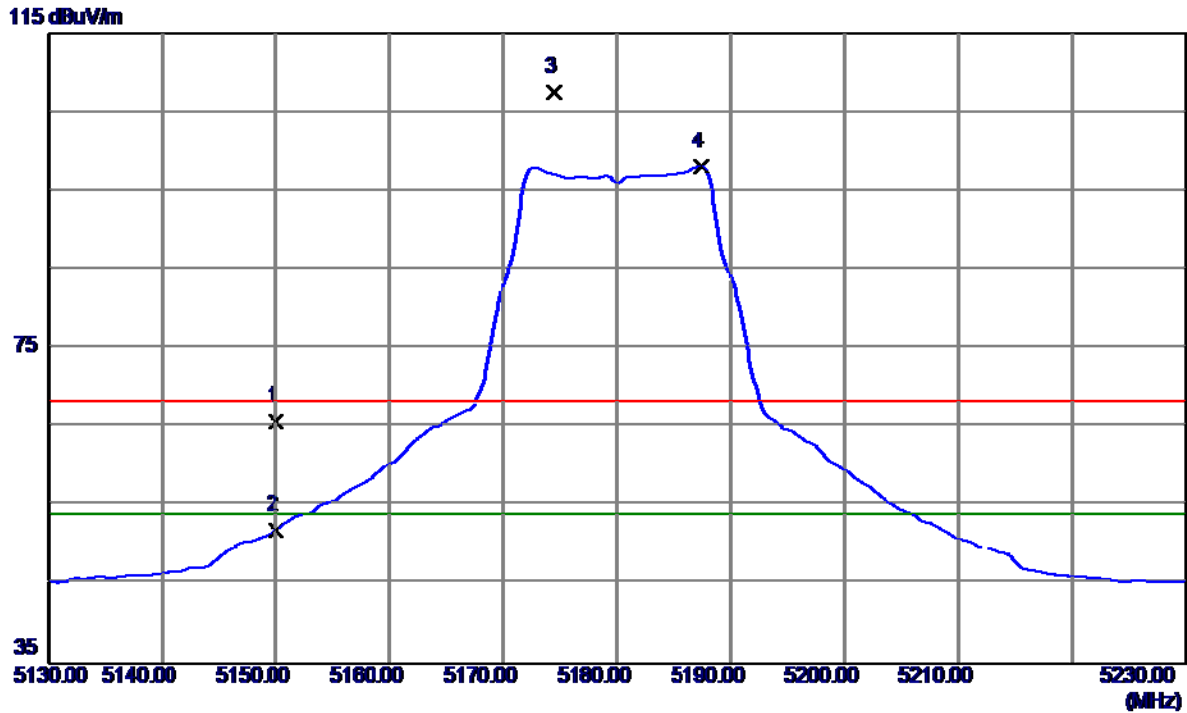


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	110.9950	37.30	-14.52	22.78	43.50	-20.72	Peak	
2 *	224.9700	50.96	-13.97	36.99	46.00	-9.01	Peak	
3	231.7600	49.18	-13.61	35.57	46.00	-10.43	Peak	
4	352.5250	36.62	-11.45	25.17	46.00	-20.83	Peak	
5	478.1400	32.27	-9.59	22.68	46.00	-23.32	Peak	
6	773.5050	30.68	-1.90	28.78	46.00	-17.22	Peak	

ATTACHMENTD -RADIATED EMISSION (ABOVE 1000MHZ)

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

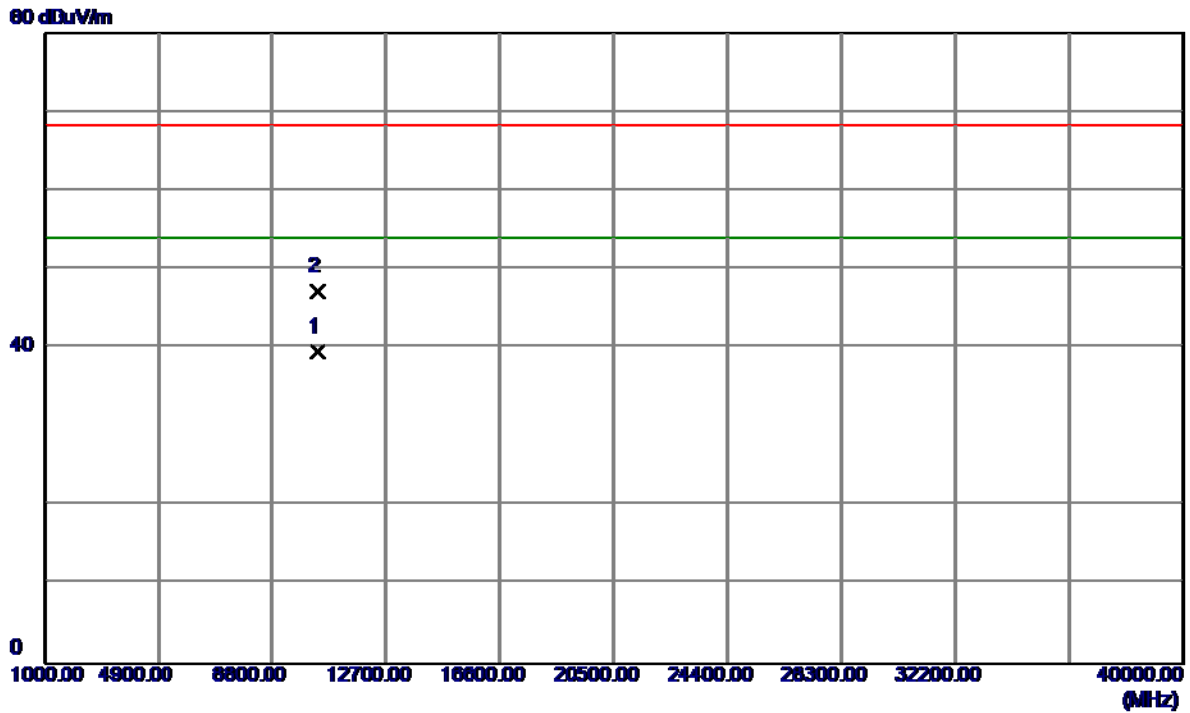
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.81	40.90	65.71	68.30	-2.59	Peak	
2	5150.0000	11.12	40.90	52.02	54.00	-1.98	AVG	
3	5174.4000	66.56	40.99	107.55	68.30	39.25	Peak	No Limit
4 *	5187.4000	57.03	41.03	98.06	54.00	44.06	AVG	No Limit

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

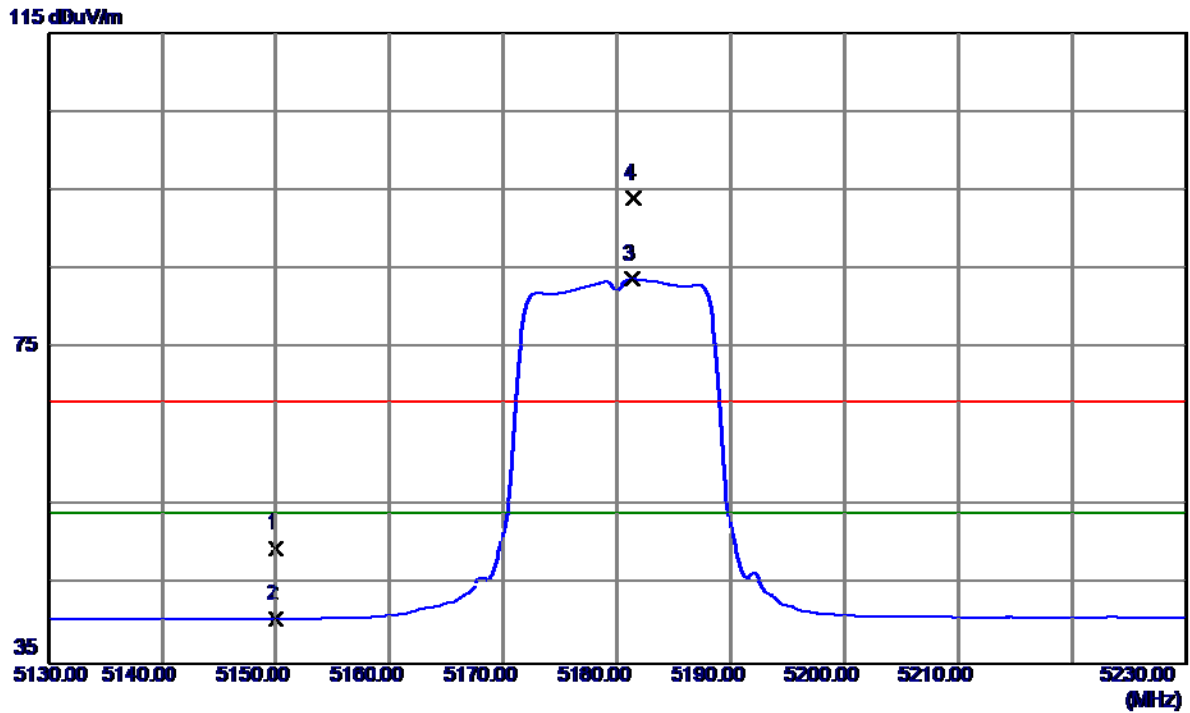
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

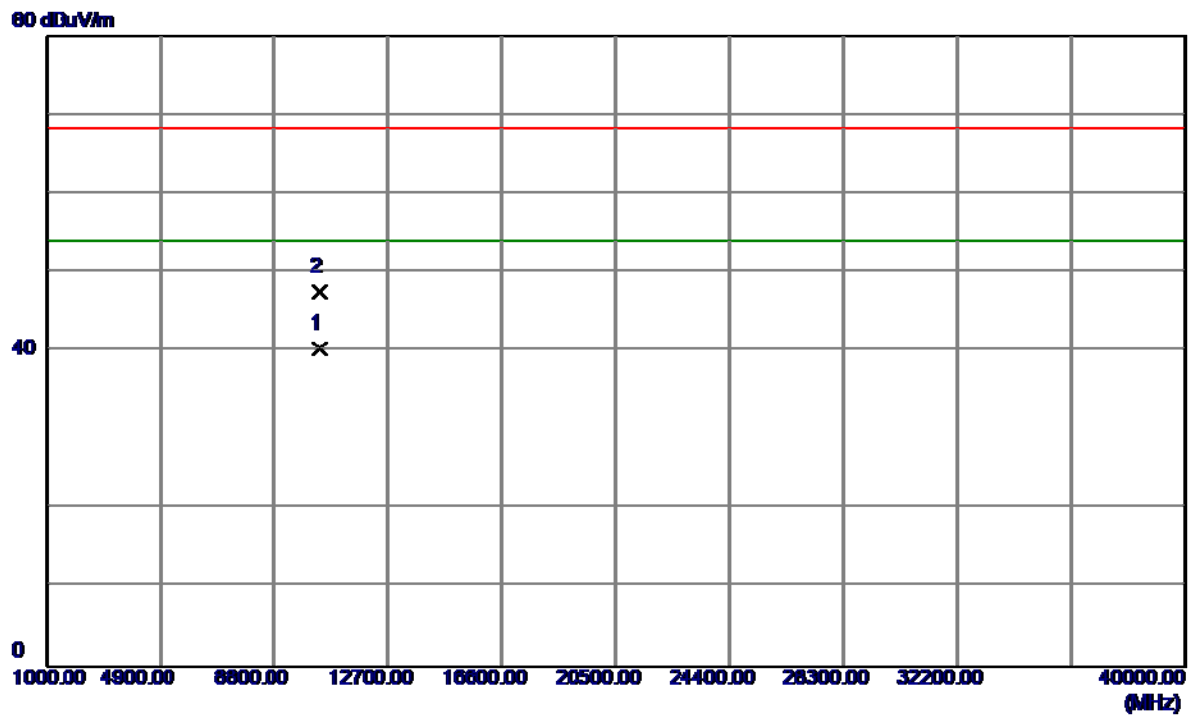
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	8.68	40.90	49.58	68.30	-18.72	Peak	
2	5150.0000	-0.34	40.90	40.56	54.00	-13.44	AVG	
3 *	5181.3000	42.75	41.01	83.76	54.00	29.76	AVG	No Limit
4	5181.4000	53.01	41.01	94.02	68.30	25.72	Peak	No Limit

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

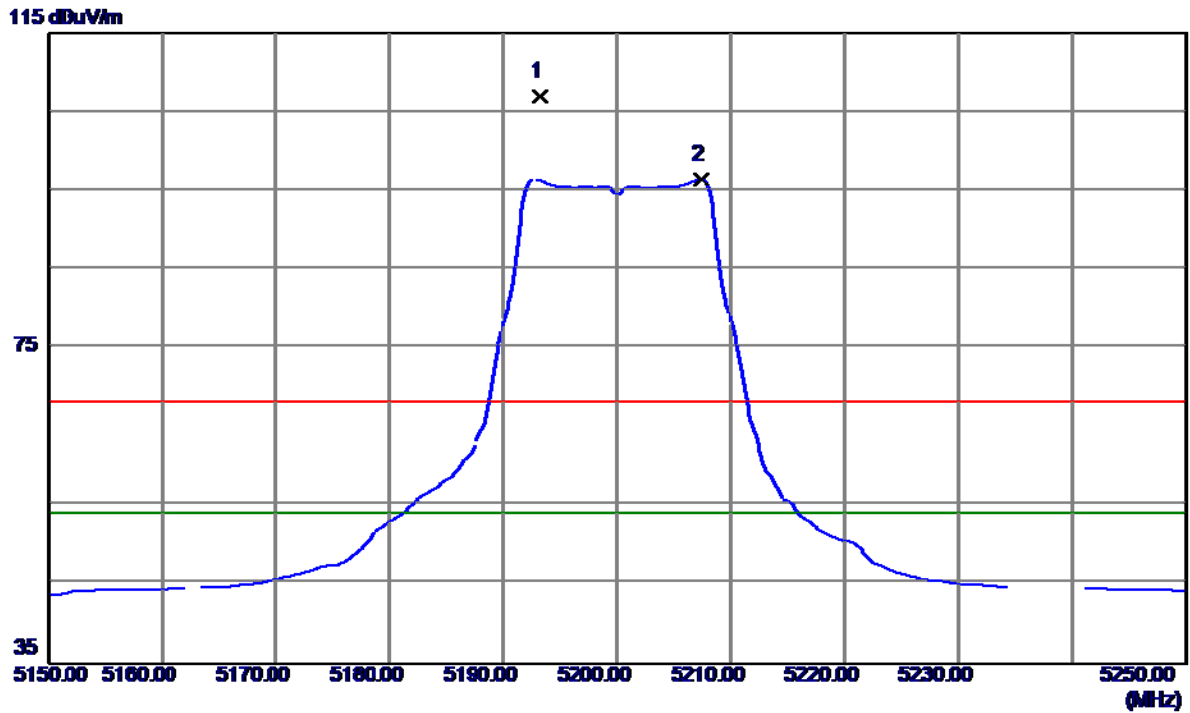
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	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

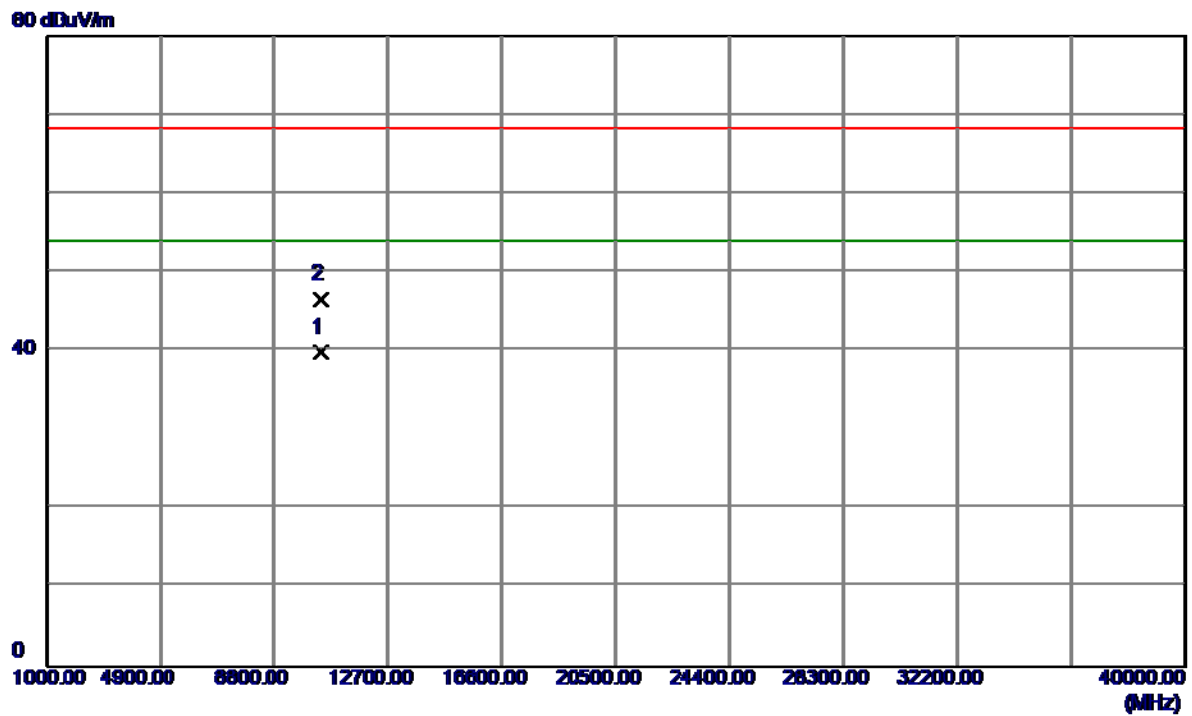
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5193.2000	65.91	41.05	106.96	68.30	38.66	Peak	No Limit
2 *	5207.4000	55.31	41.09	96.40	54.00	42.40	AVG	No Limit

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

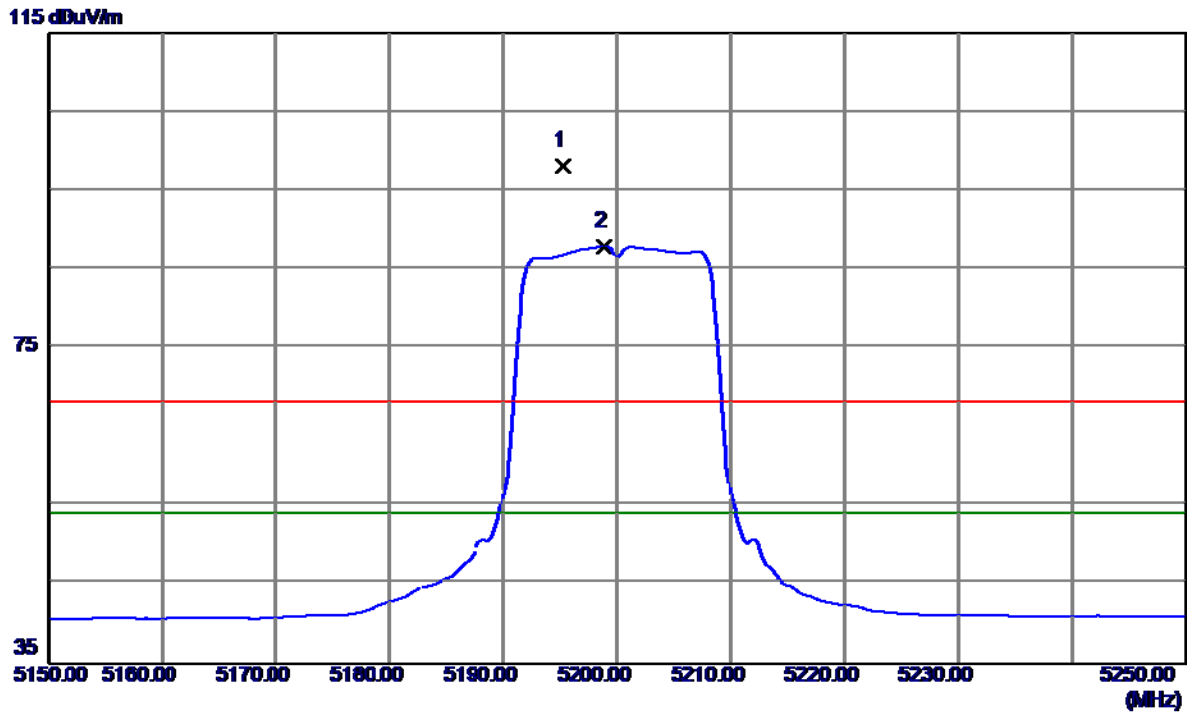
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

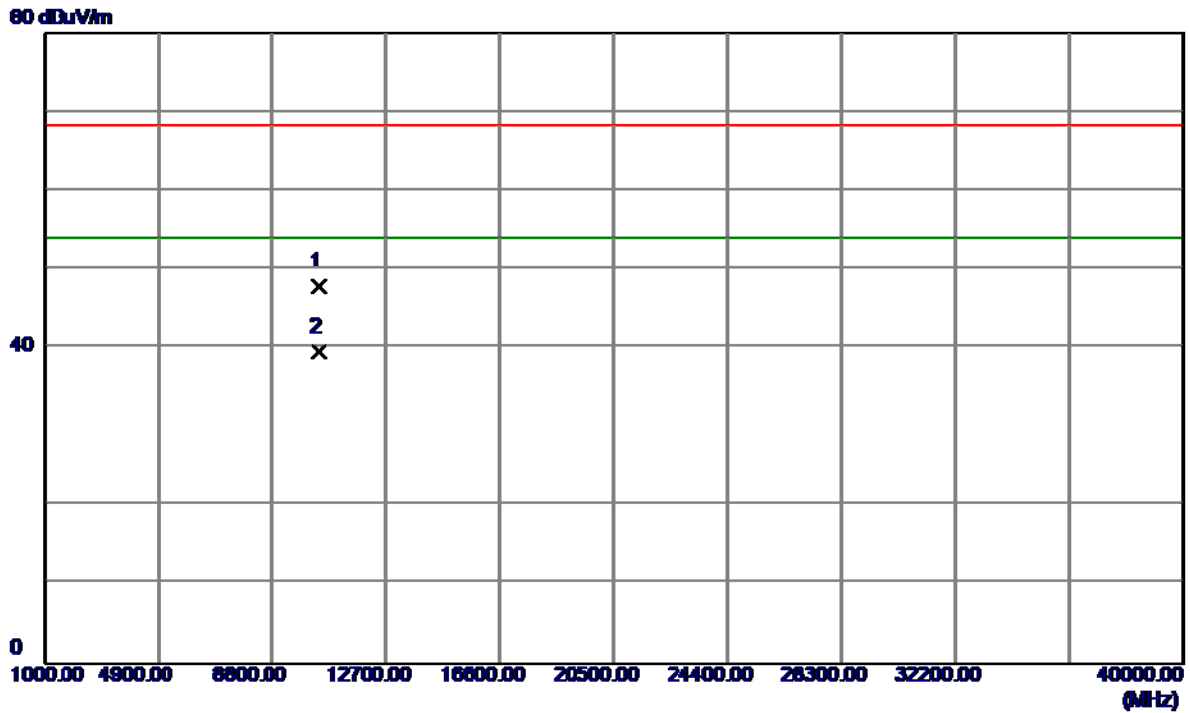
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5195.2000	57.07	41.05	98.12	68.30	29.82	Peak	No Limit
2 *	5198.9000	46.95	41.07	88.02	54.00	34.02	AVG	No Limit

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

Horizontal

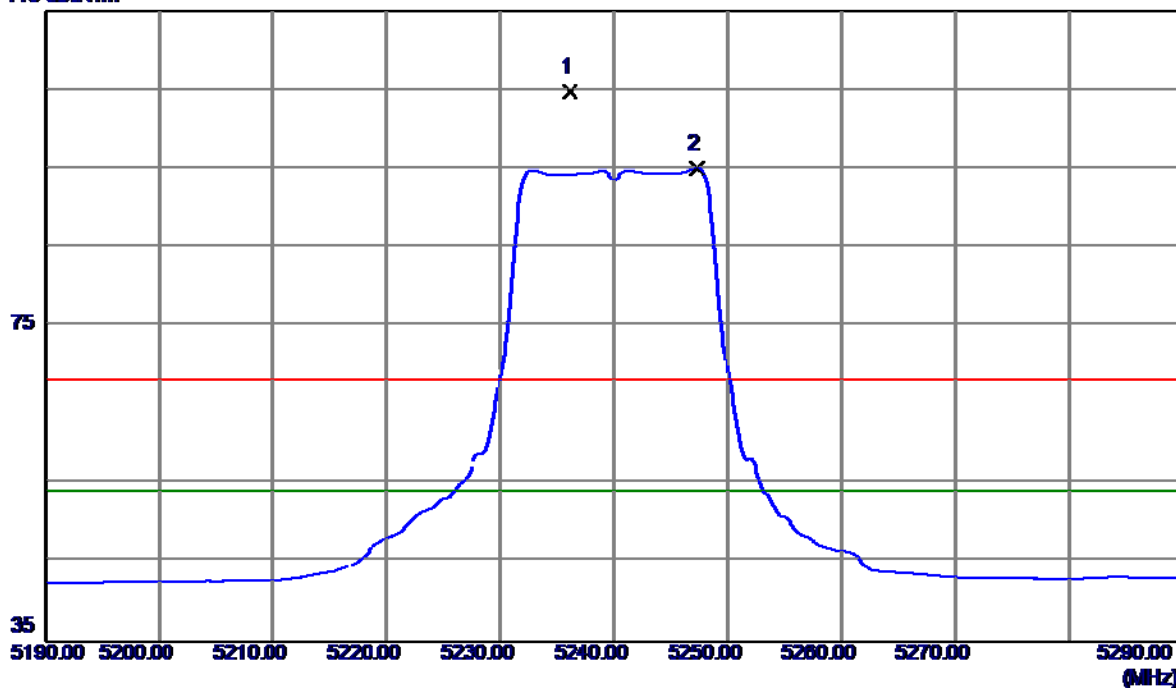


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10398.6000	36.79	11.05	47.84	68.30	-20.46	Peak	
2 *	10401.2000	28.48	11.05	39.53	54.00	-14.47	AVG	

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

Vertical

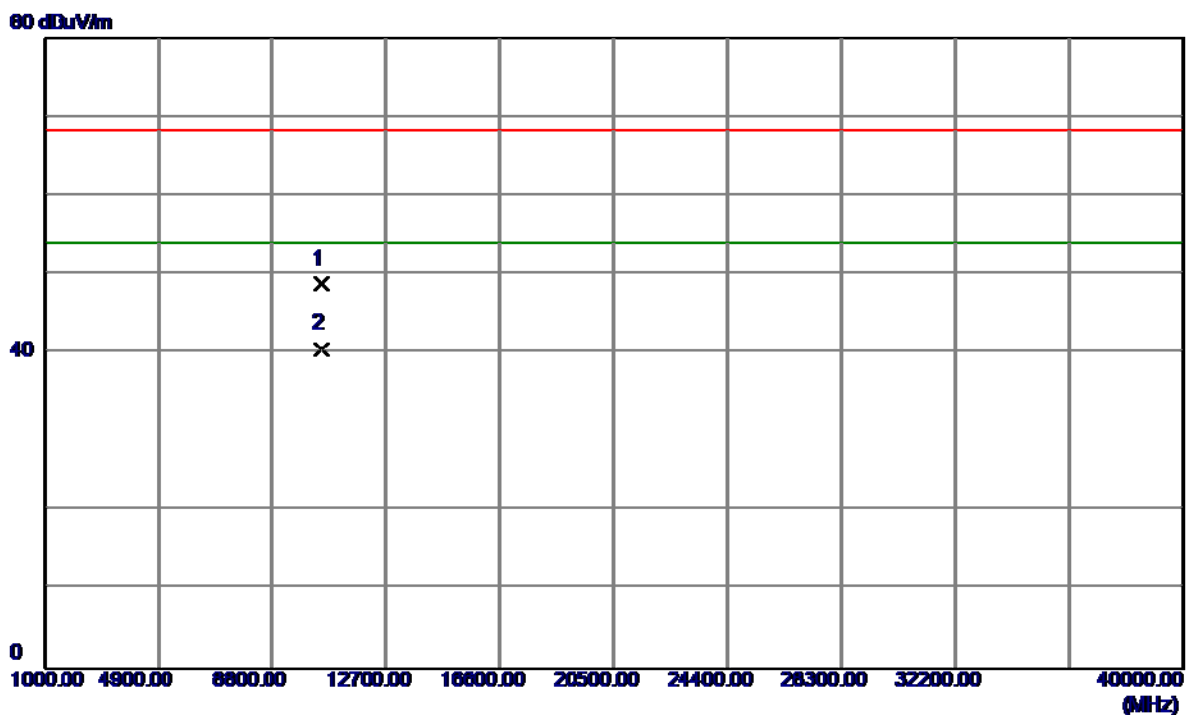
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5236.1000	63.51	41.19	104.70	68.30	36.40	Peak	No Limit
2 *	5247.3000	53.75	41.23	94.98	54.00	40.98	AVG	No Limit

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

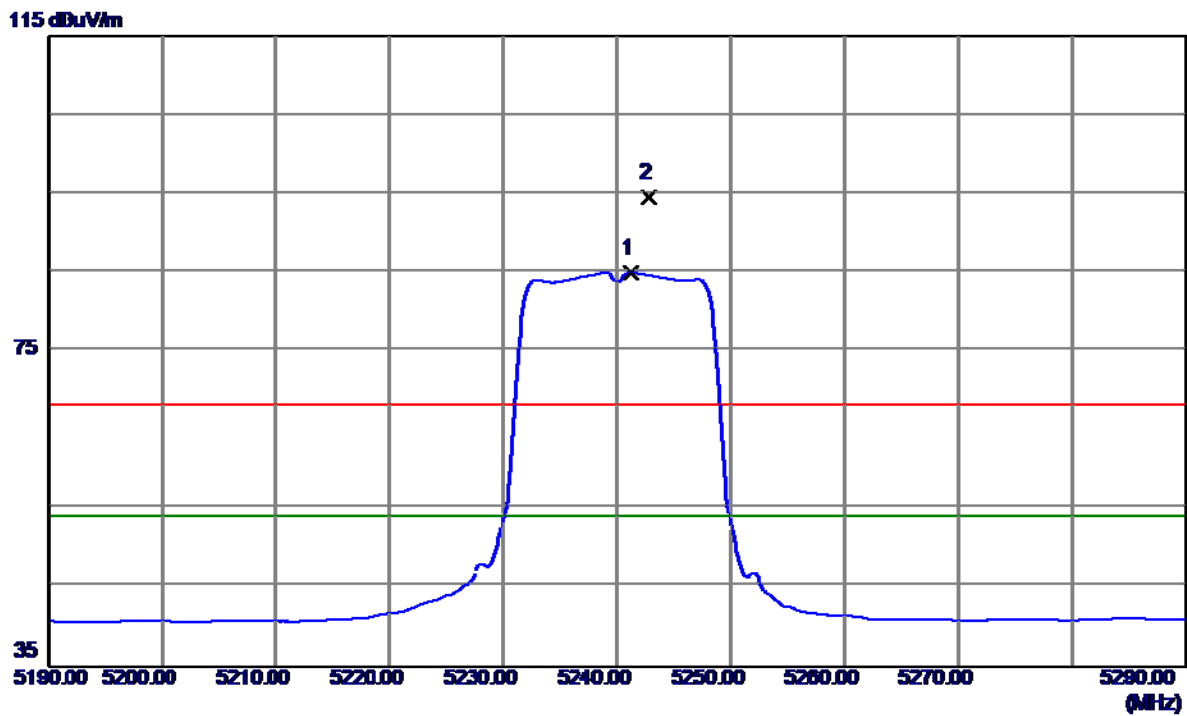
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

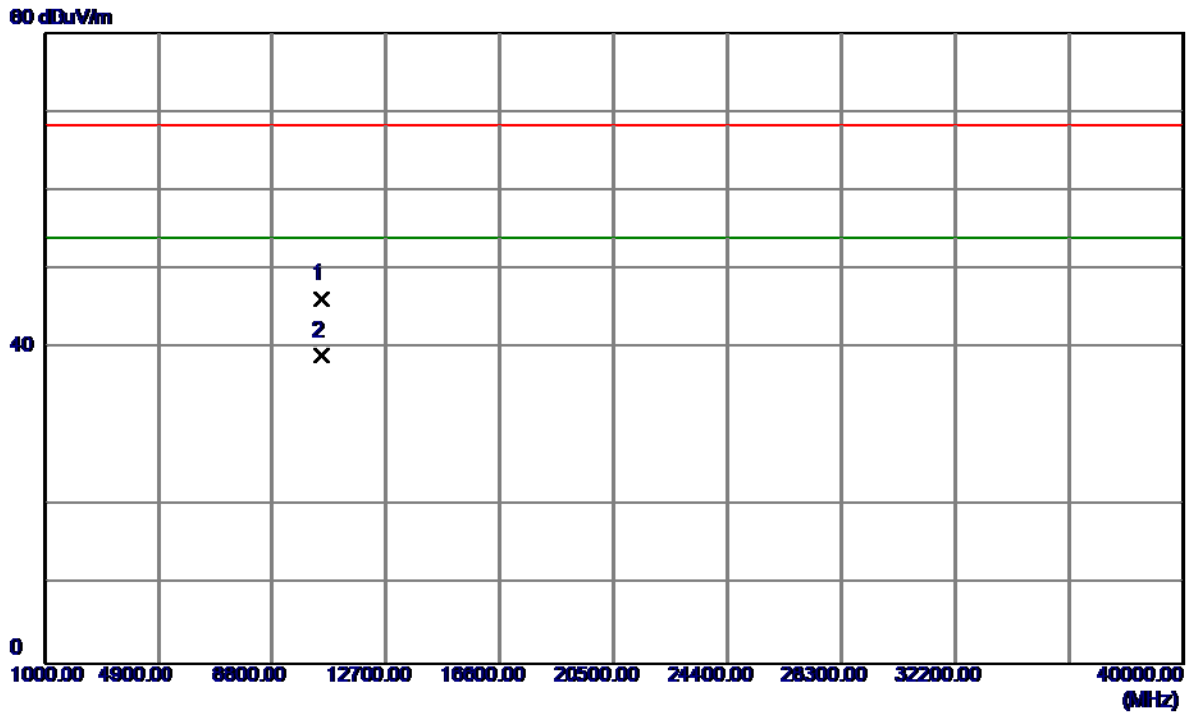
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5241.2000	43.75	41.21	84.96	54.00	30.96	AVG	No Limit
2	5242.8000	53.33	41.21	94.54	68.30	26.24	Peak	No Limit

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

Horizontal

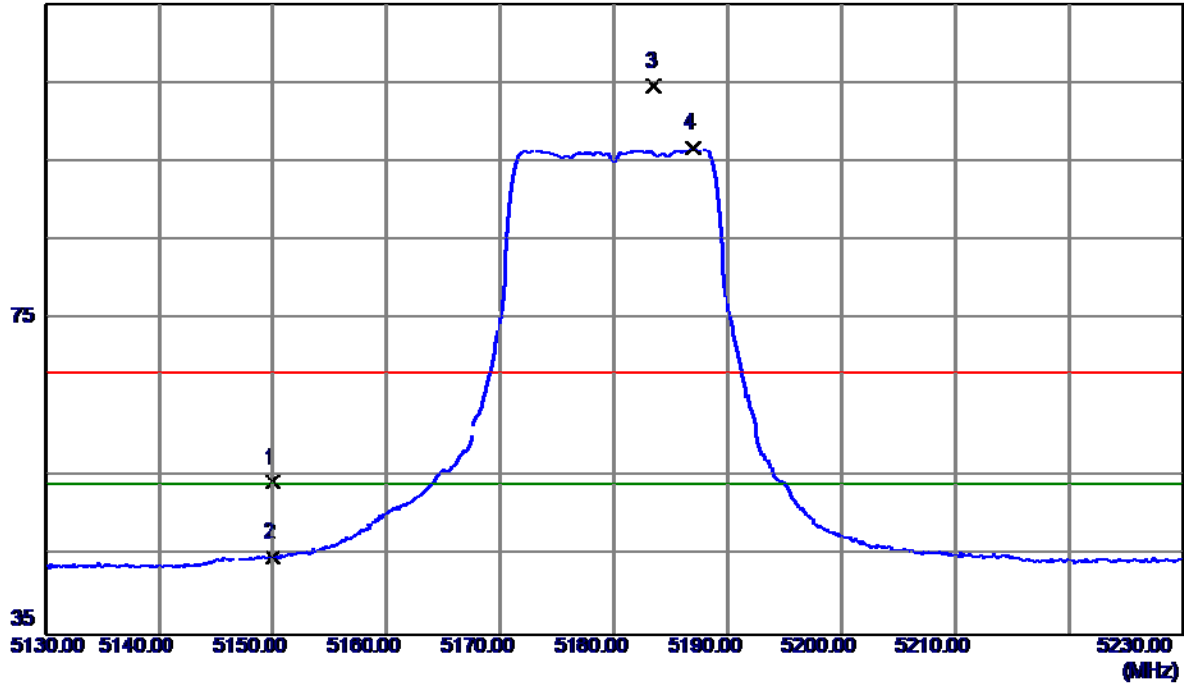


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10477.9000	35.33	10.94	46.27	68.30	-22.03	Peak	
2 *	10481.4000	28.17	10.94	39.11	54.00	-14.89	AVG	

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

Vertical

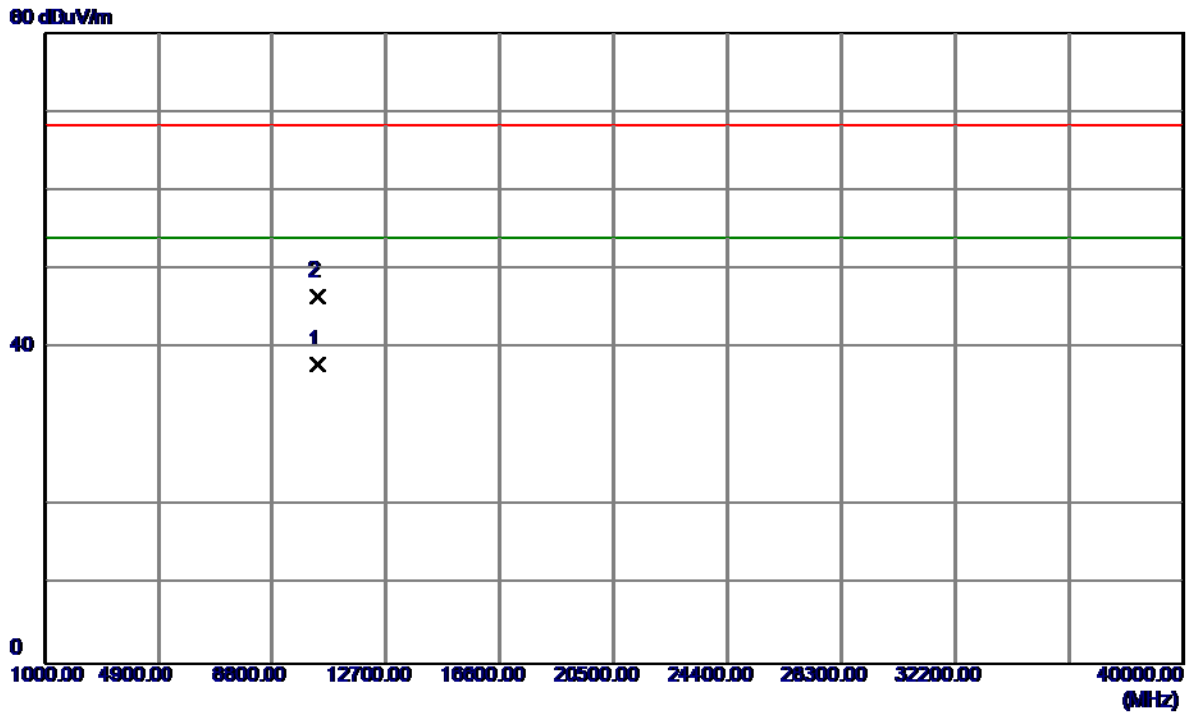
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	13.38	40.90	54.28	68.30	-14.02	Peak	
2	5150.0000	3.83	40.90	44.73	54.00	-9.27	AVG	
3	5183.5000	63.56	41.02	104.58	68.30	36.28	Peak	No Limit
4 *	5187.0000	55.68	41.03	96.71	54.00	42.71	AVG	No Limit

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

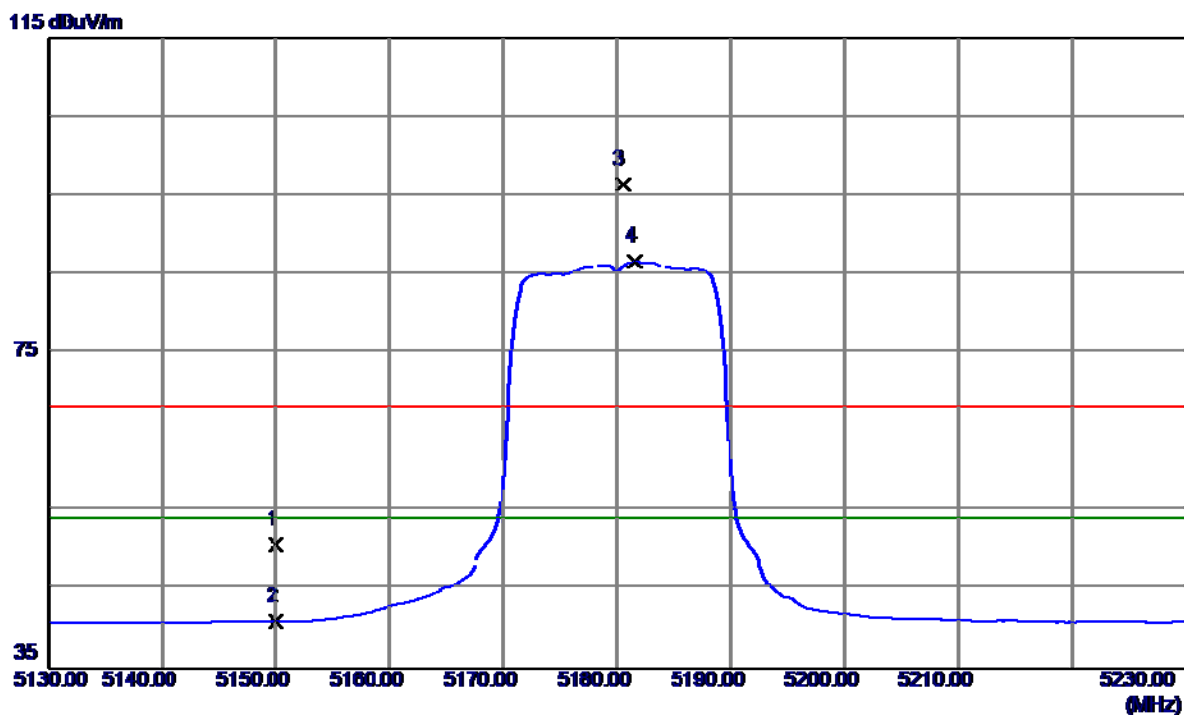
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

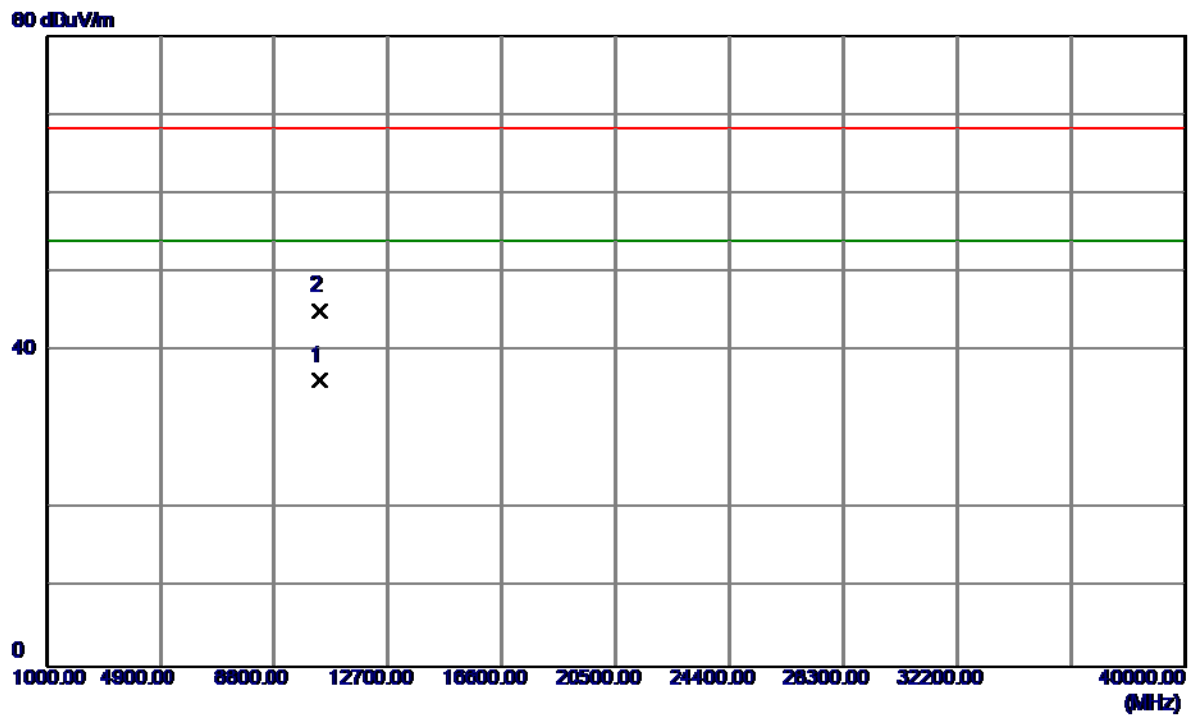
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.72	40.90	50.62	68.30	-17.68	Peak	
2	5150.0000	-0.03	40.90	40.87	54.00	-13.13	AVG	
3	5180.5000	55.44	41.01	96.45	68.30	28.15	Peak	No Limit
4 *	5181.6000	45.65	41.01	86.66	54.00	32.66	AVG	No Limit

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

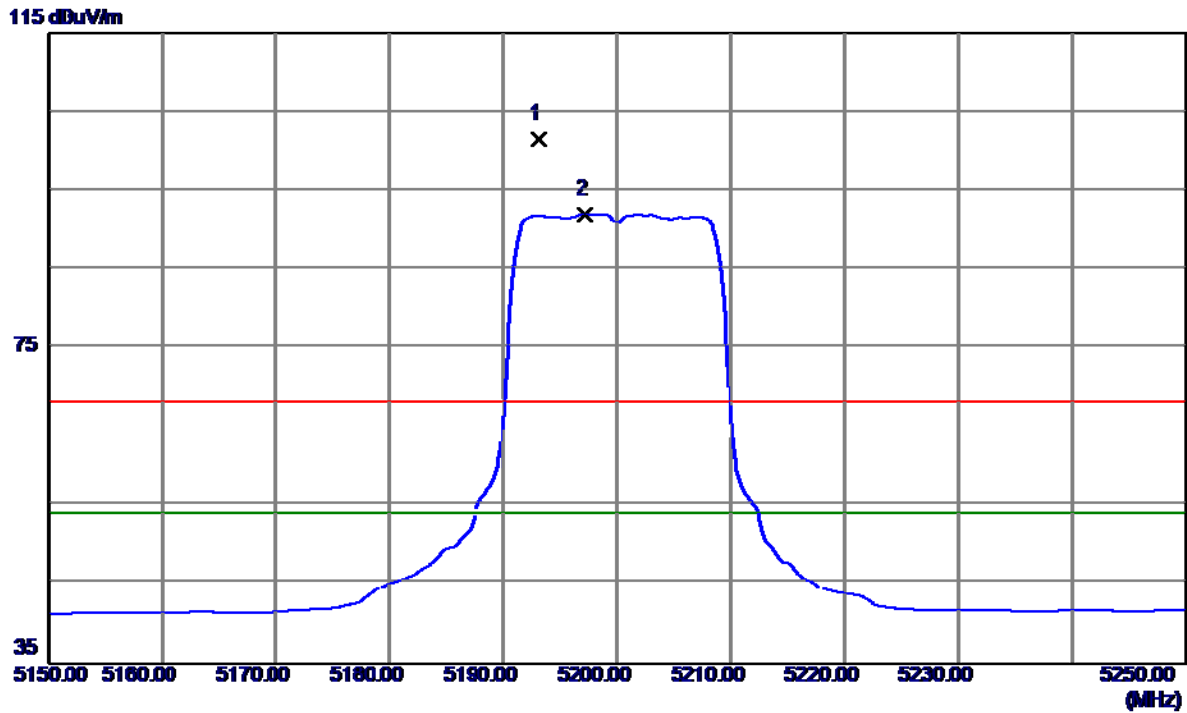
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

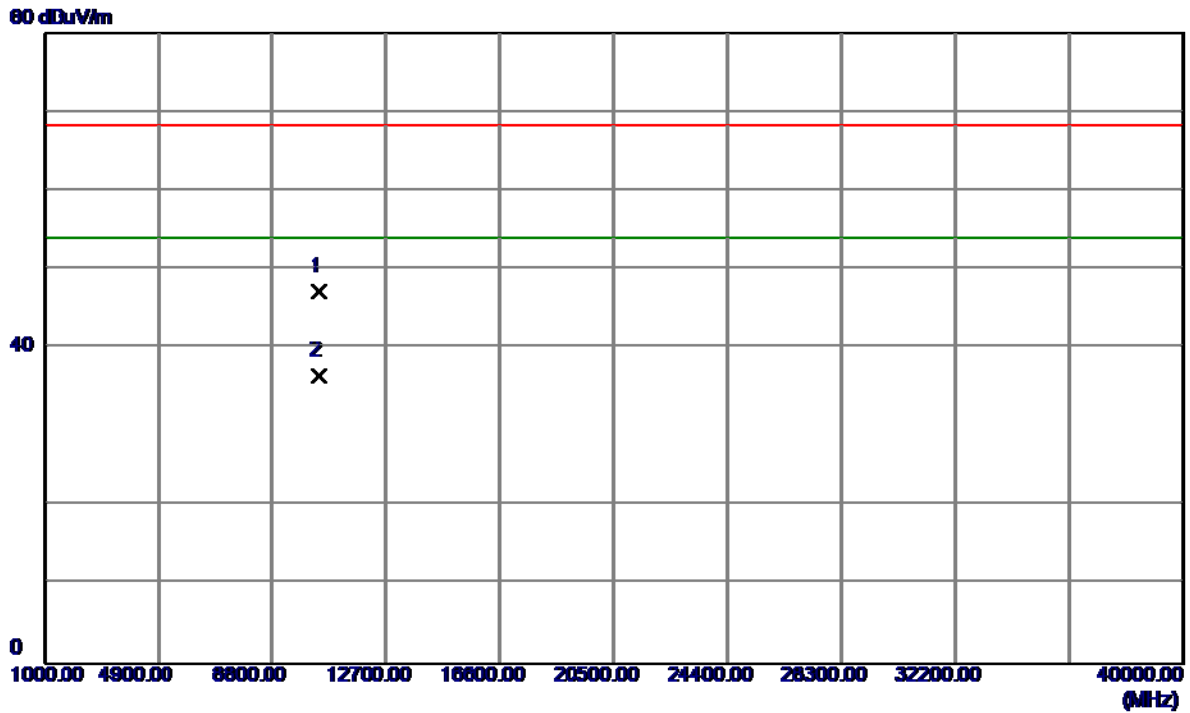
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5193.1000	60.47	41.05	101.52	68.30	33.22	Peak	No Limit
2 *	5197.2000	50.97	41.06	92.03	54.00	38.03	AVG	No Limit

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

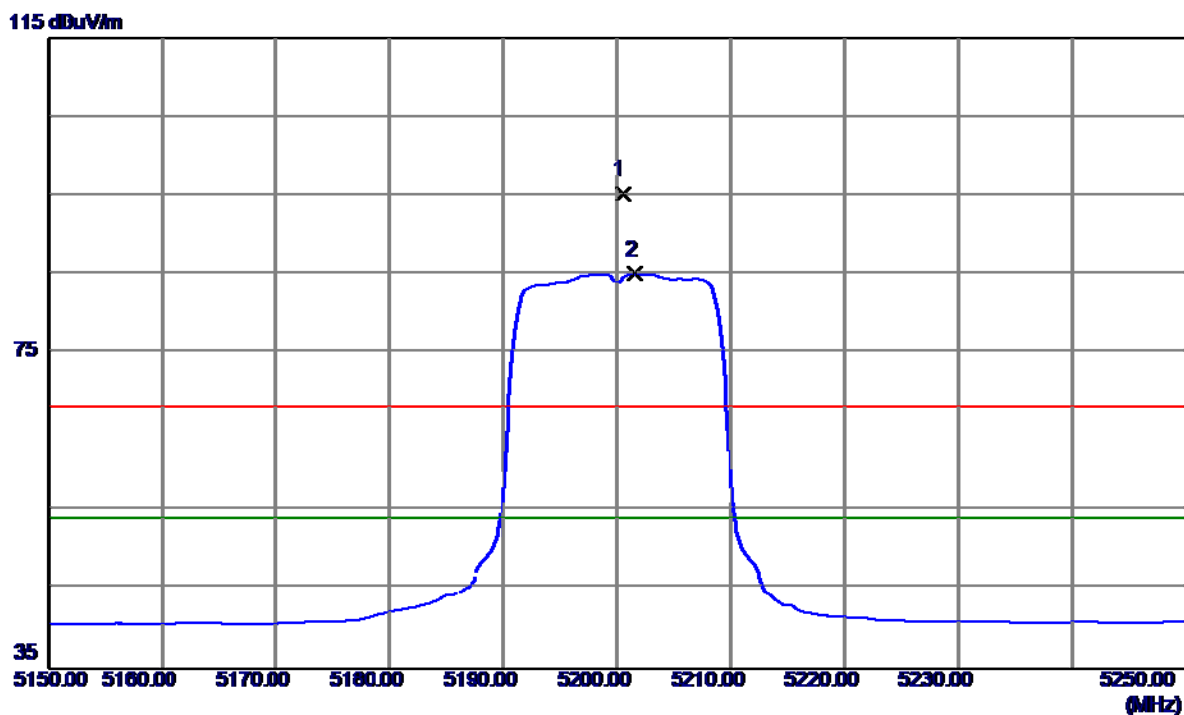
Vertical



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

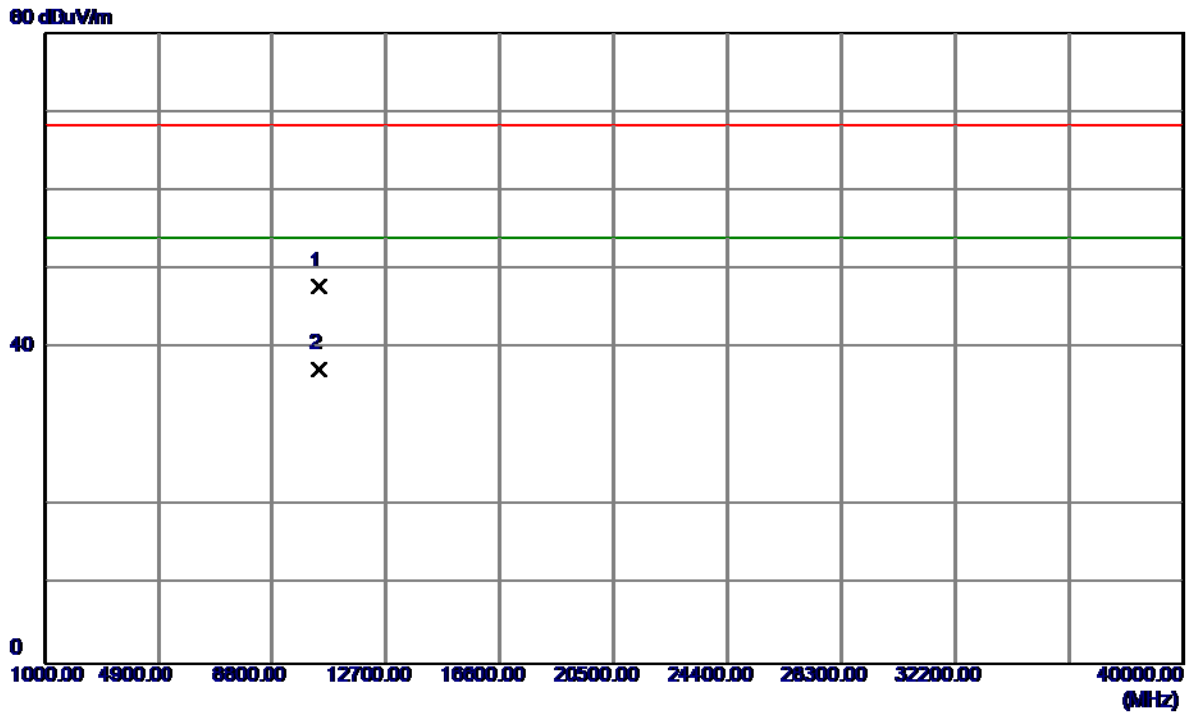
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5200.5000	54.06	41.07	95.13	68.30	26.83	Peak	No Limit
2 *	5201.6000	43.92	41.08	85.00	54.00	31.00	AVG	No Limit

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

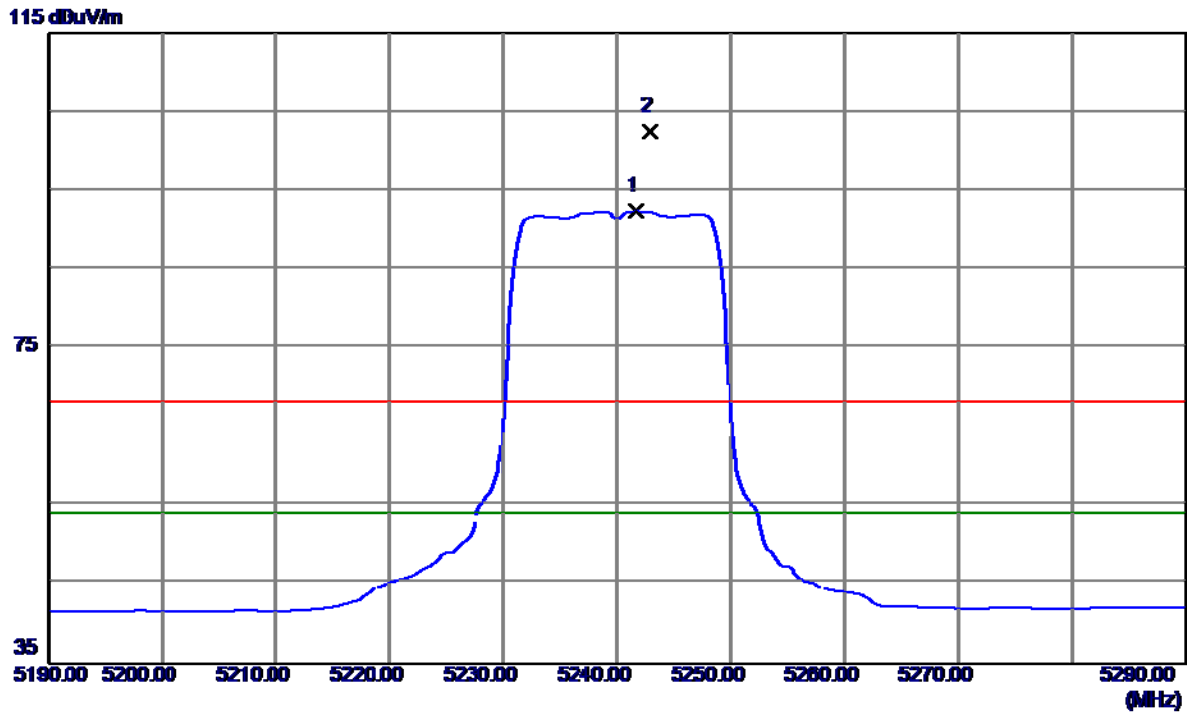
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

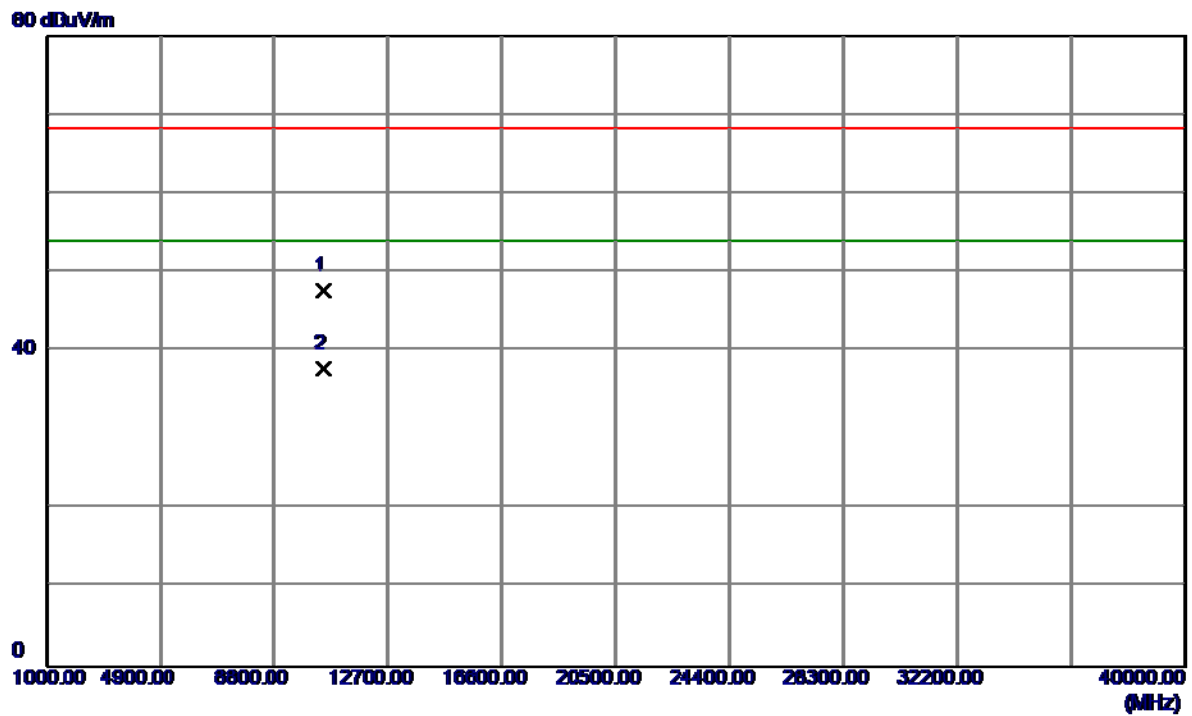
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5241.7000	51.17	41.21	92.38	54.00	38.38	AVG	No Limit
2	5242.9000	61.28	41.21	102.49	68.30	34.19	Peak	No Limit

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

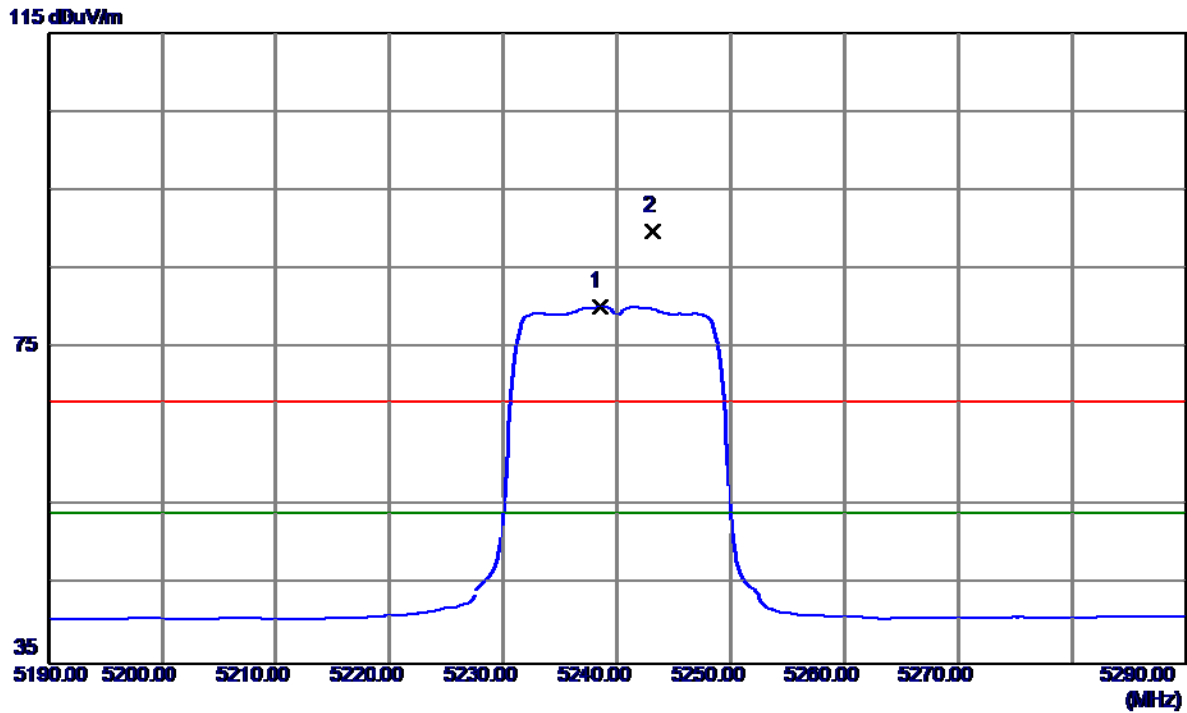
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

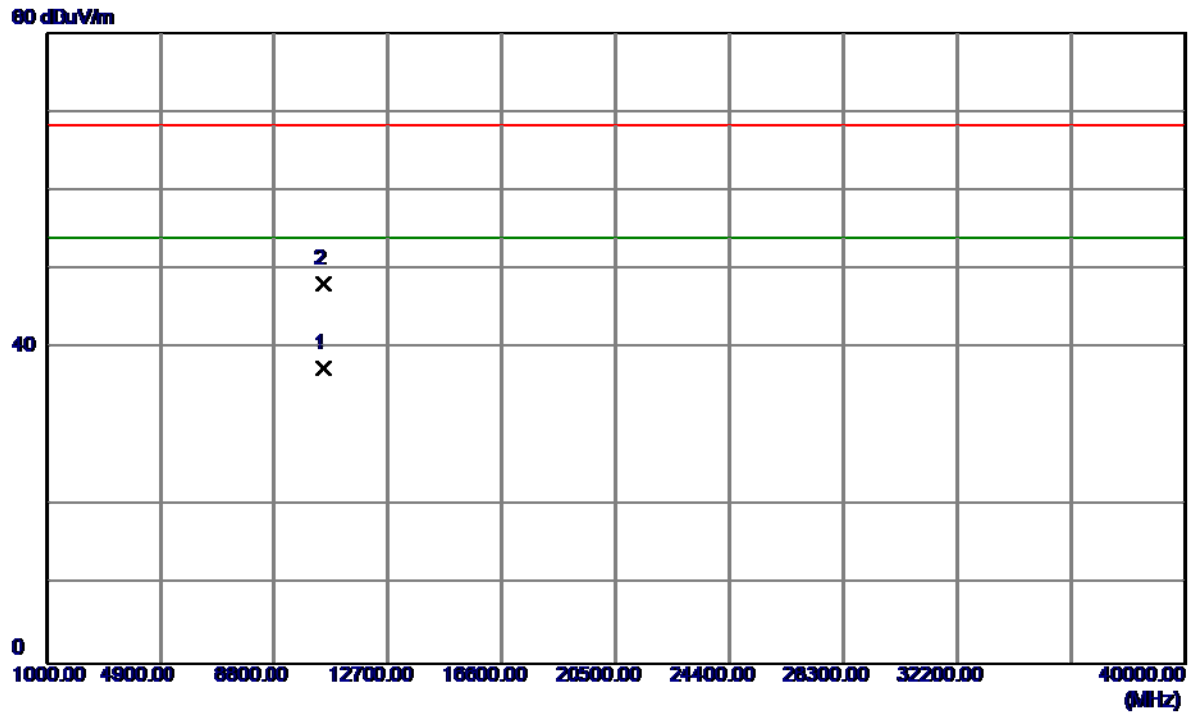
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5238.5000	39.07	41.20	80.27	54.00	26.27	AVG	No Limit
2	5243.1000	48.73	41.21	89.94	68.30	21.64	Peak	No Limit

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

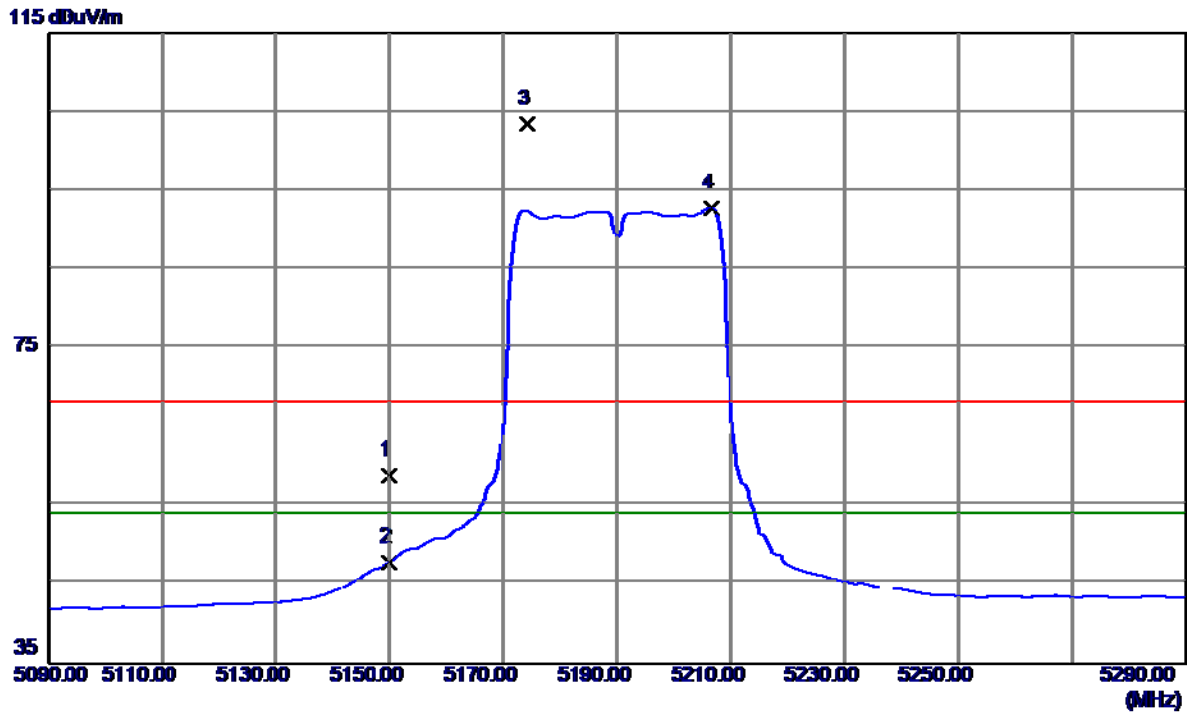
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

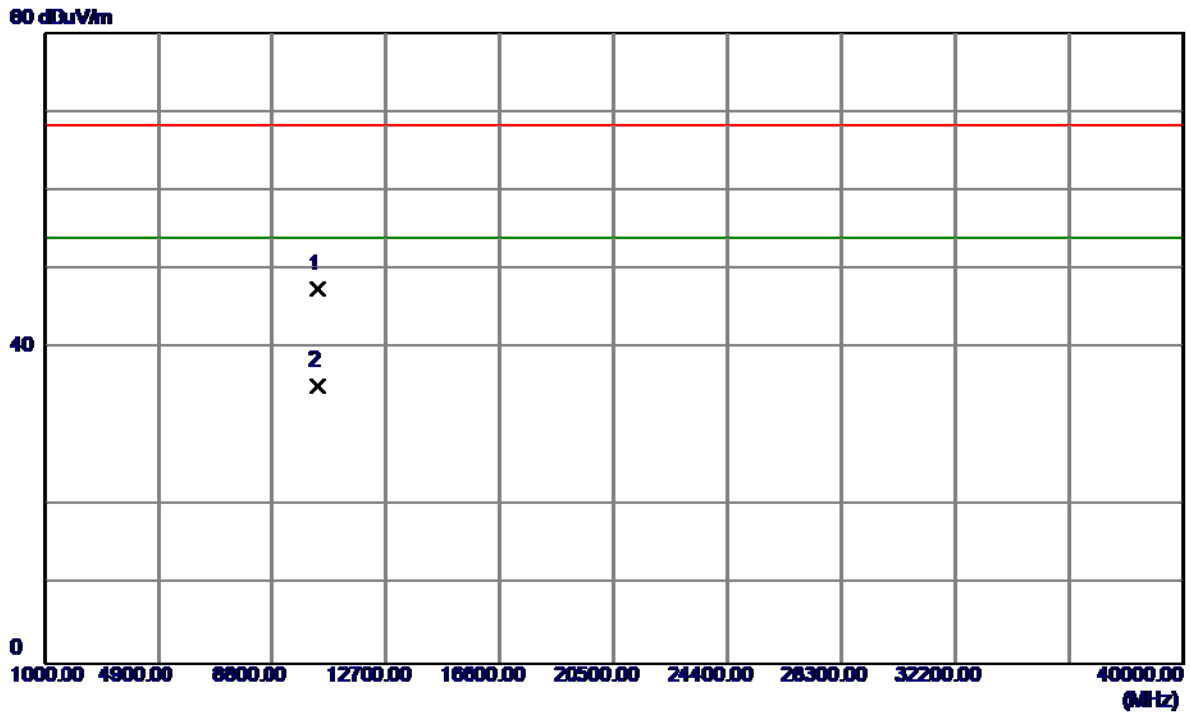
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	17.90	40.90	58.80	68.30	-9.50	Peak	
2	5150.0000	6.97	40.90	47.87	54.00	-6.13	AVG	
3	5174.2000	62.51	40.98	103.49	68.30	35.19	Peak	No Limit
4 *	5206.6000	51.71	41.09	92.80	54.00	38.80	AVG	No Limit

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

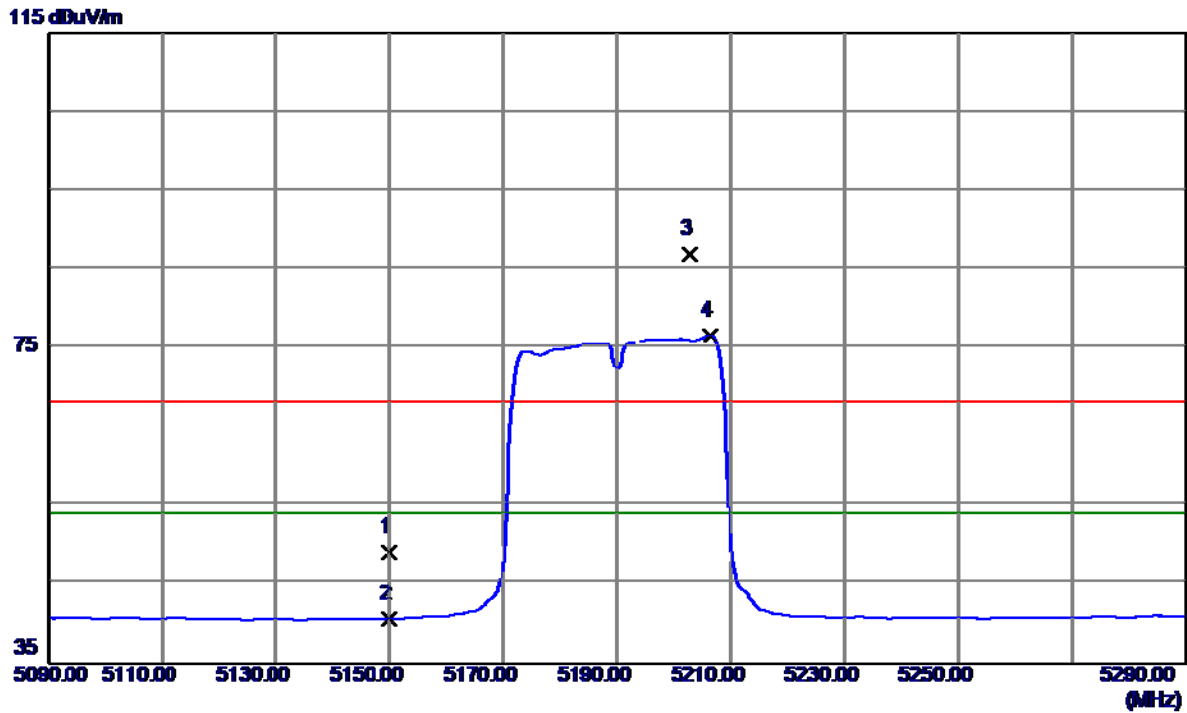
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

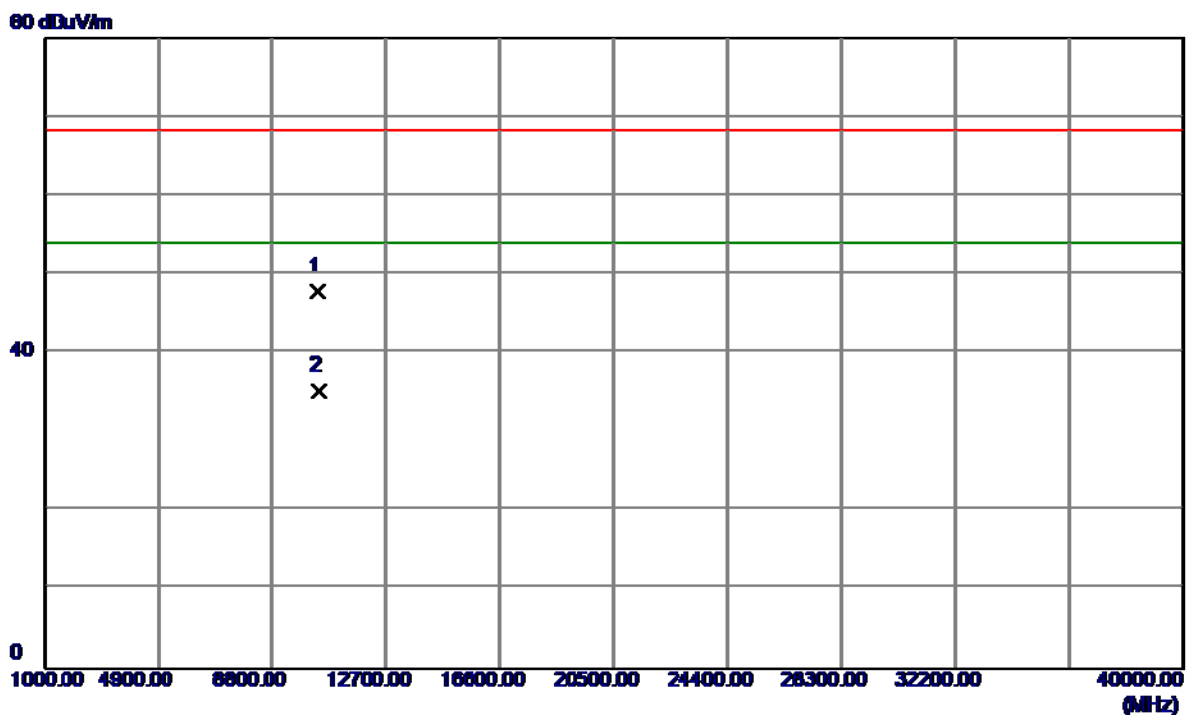
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	8.24	40.90	49.14	68.30	-19.16	Peak	
2	5150.0000	-0.29	40.90	40.61	54.00	-13.39	AVG	
3	5202.8000	45.91	41.08	86.99	68.30	18.69	Peak	No Limit
4 *	5206.4000	35.57	41.09	76.66	54.00	22.66	AVG	No Limit

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

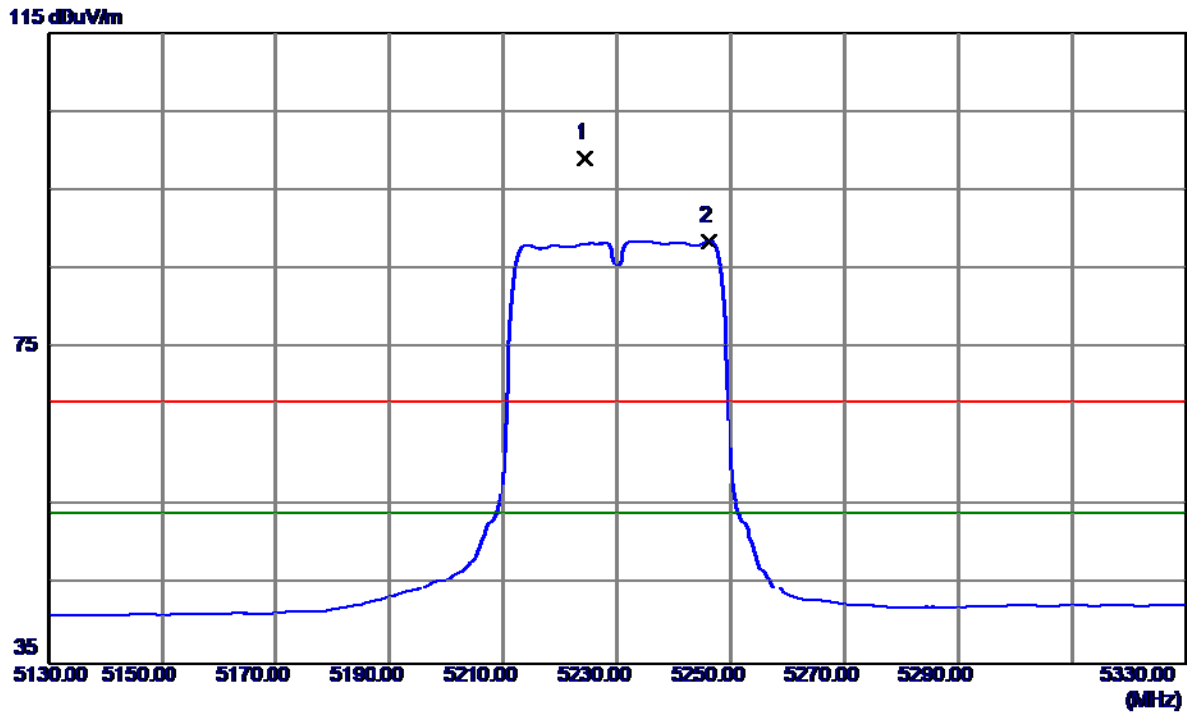
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

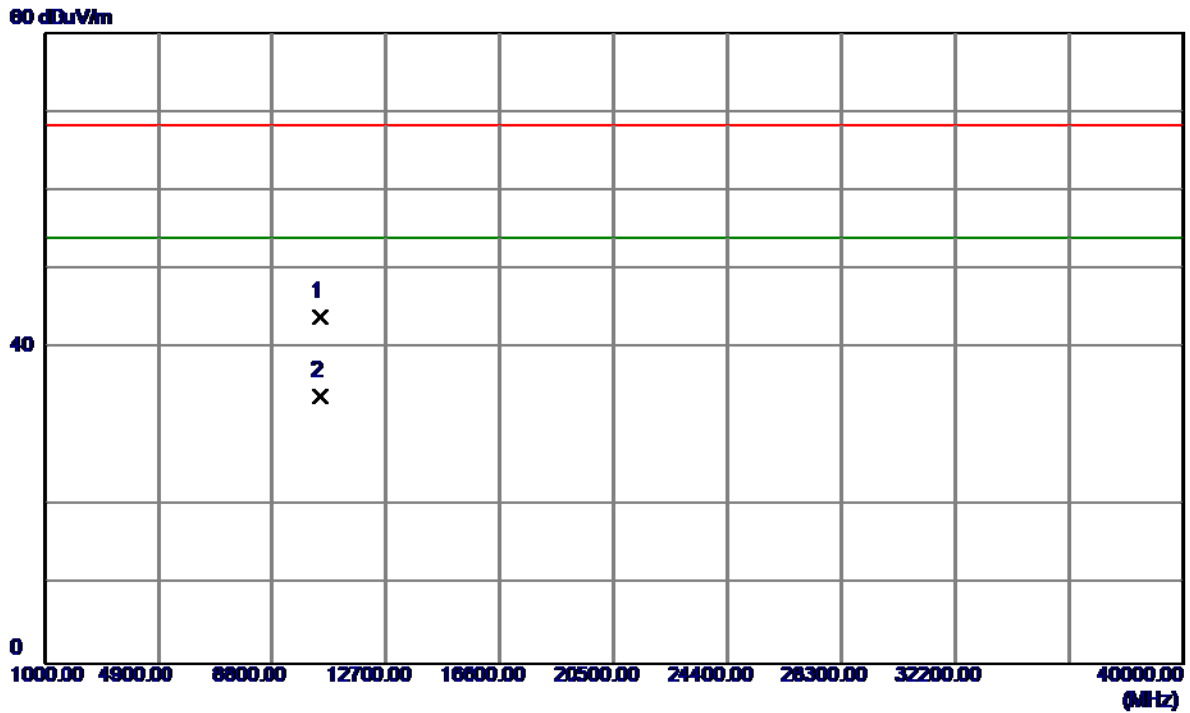
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5224.4000	57.99	41.15	99.14	68.30	30.84	Peak	No Limit
2 *	5246.2000	47.38	41.22	88.60	54.00	34.60	AVG	No Limit

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

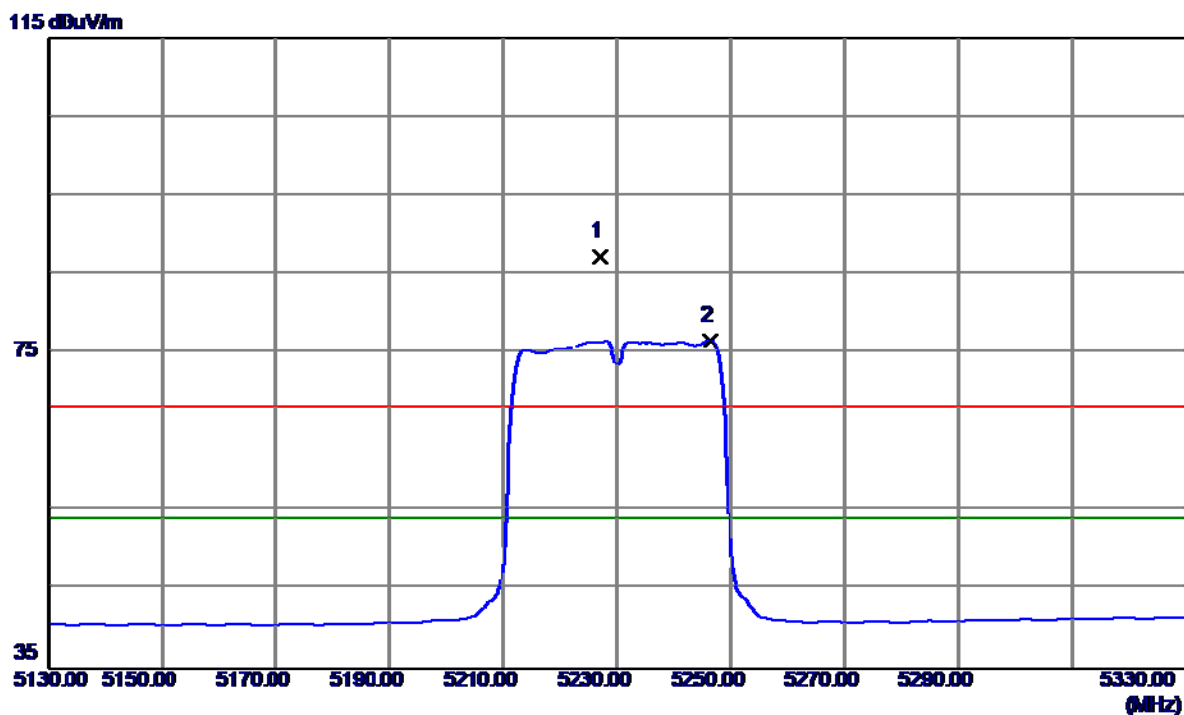
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

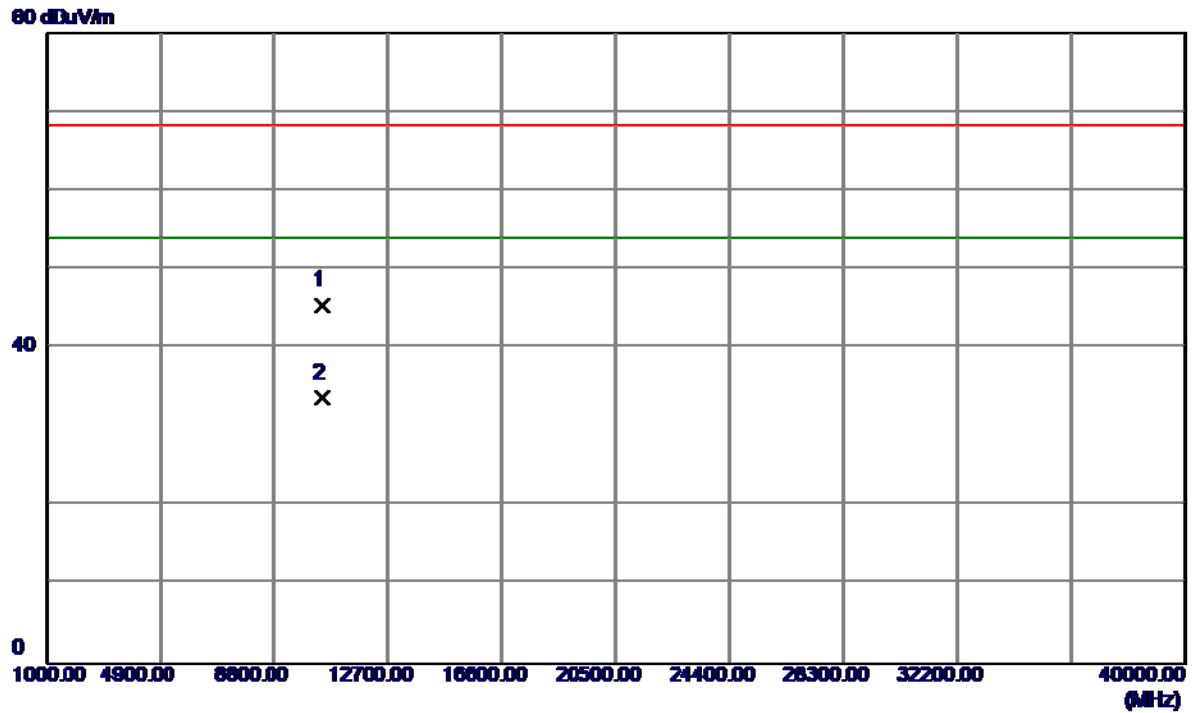
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5227.2000	46.09	41.16	87.25	68.30	18.95	Peak	No Limit
2 *	5246.4000	35.38	41.22	76.60	54.00	22.60	AVG	No Limit

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

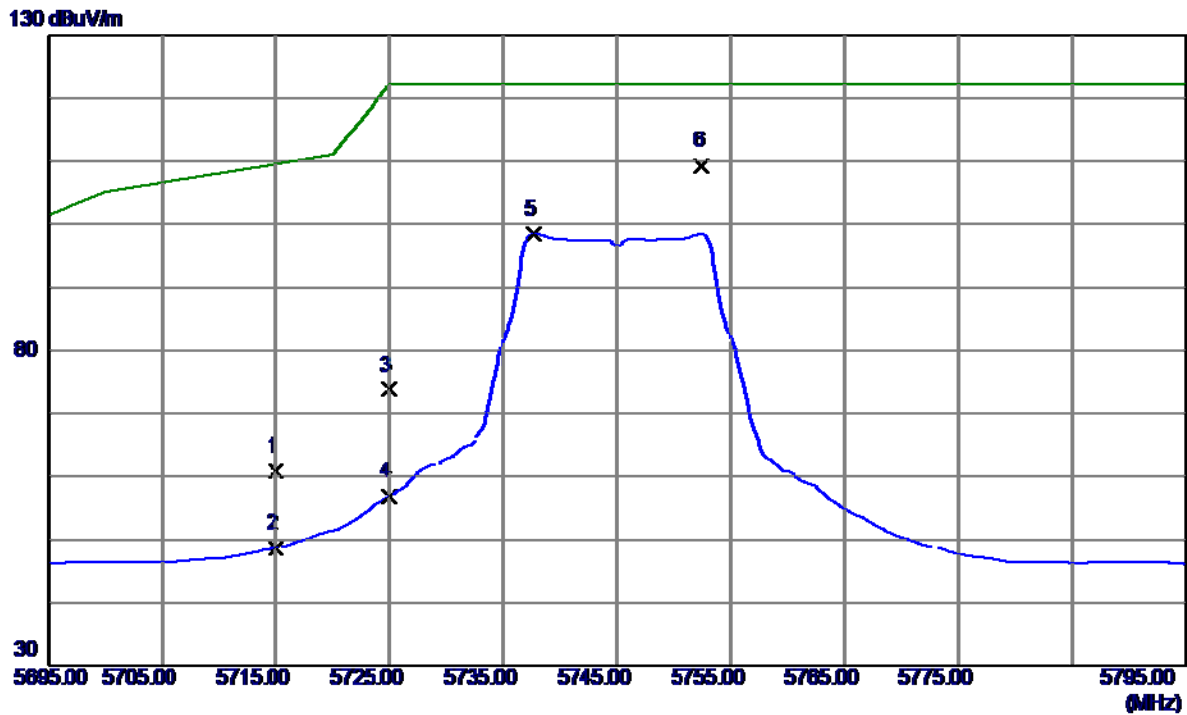
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

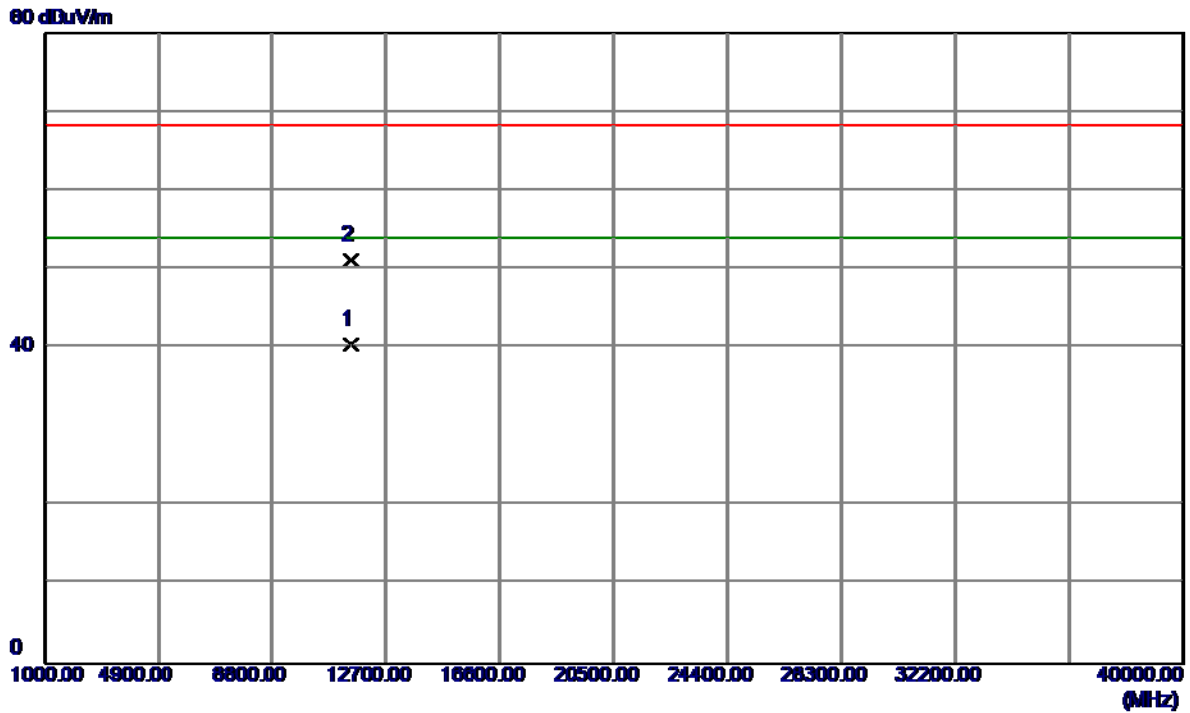
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	18.50	42.24	60.74	109.50	-48.76	Peak	
2	5715.0000	6.42	42.24	48.66	109.50	-60.84	AVG	
3	5725.0000	31.46	42.24	73.70	122.30	-48.60	Peak	
4	5725.0000	14.65	42.24	56.89	122.30	-65.41	AVG	
5	5737.7000	56.22	42.25	98.47	122.30	-23.83	AVG	
6 *	5752.5000	66.85	42.27	109.12	122.30	-13.18	Peak	

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

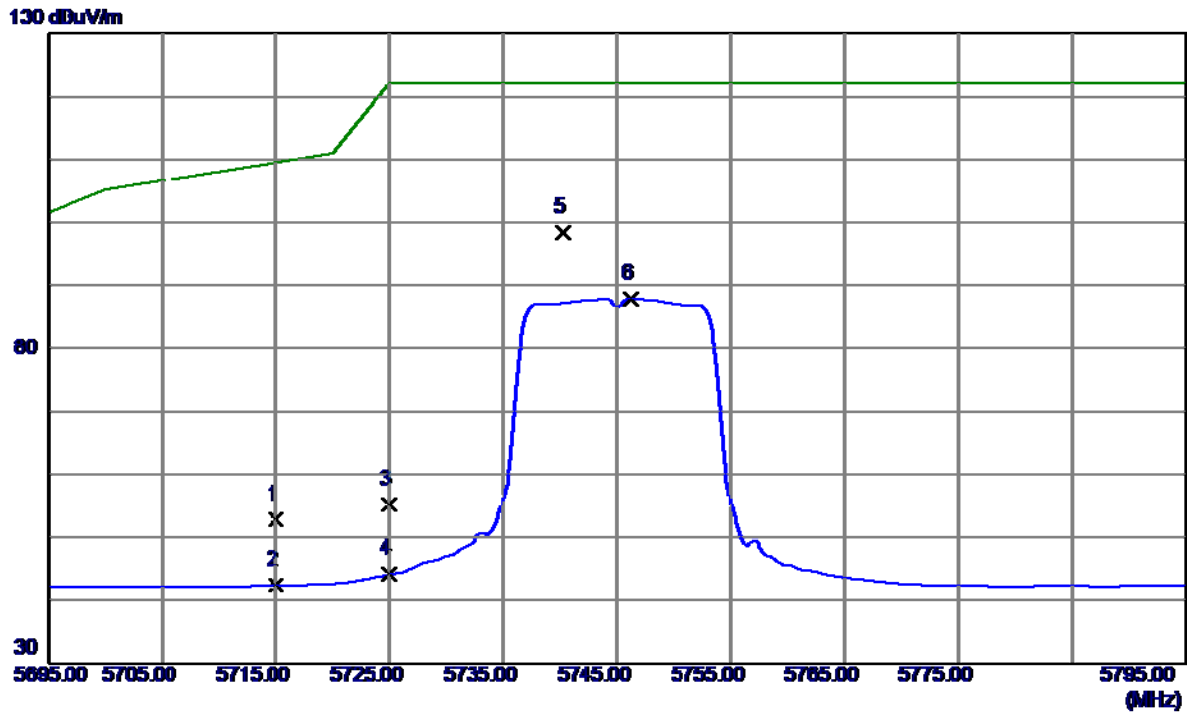
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

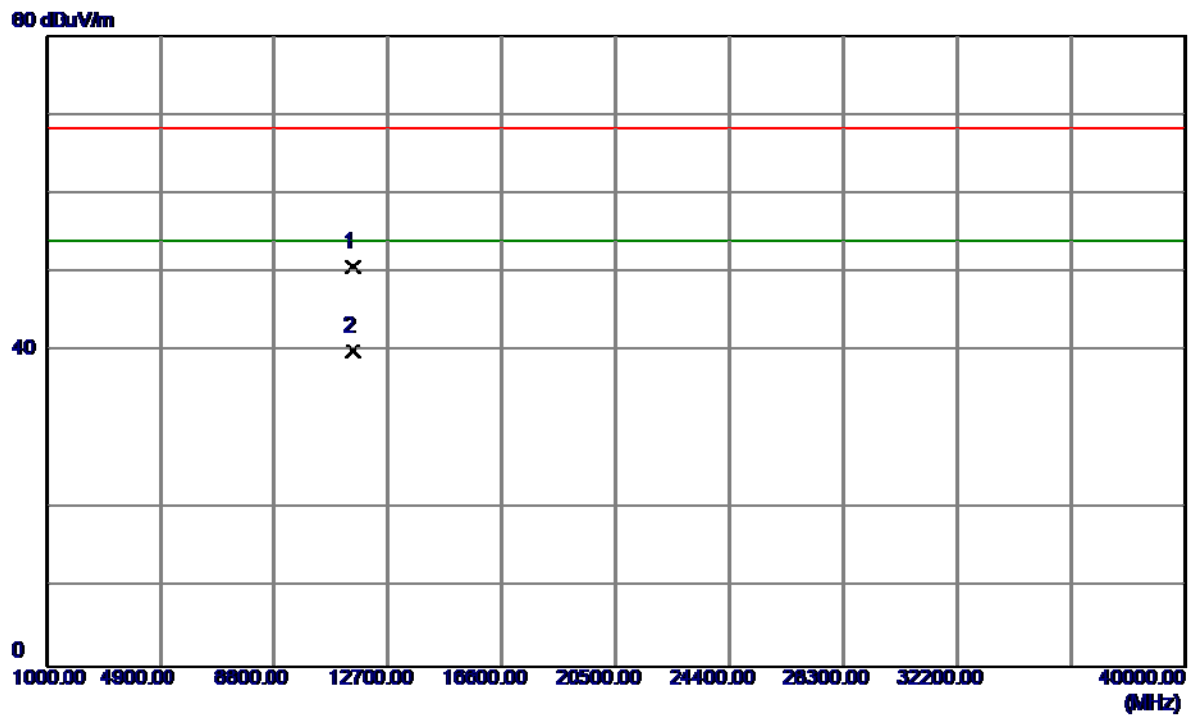
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	10.52	42.24	52.76	109.50	-56.74	Peak	
2	5715.0000	0.17	42.24	42.41	109.50	-67.09	AVG	
3	5725.0000	12.87	42.24	55.11	122.30	-67.19	Peak	
4	5725.0000	1.88	42.24	44.12	122.30	-78.18	AVG	
5 *	5740.2000	56.11	42.26	98.37	122.30	-23.93	Peak	
6	5746.2000	45.62	42.26	87.88	122.30	-34.42	AVG	

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

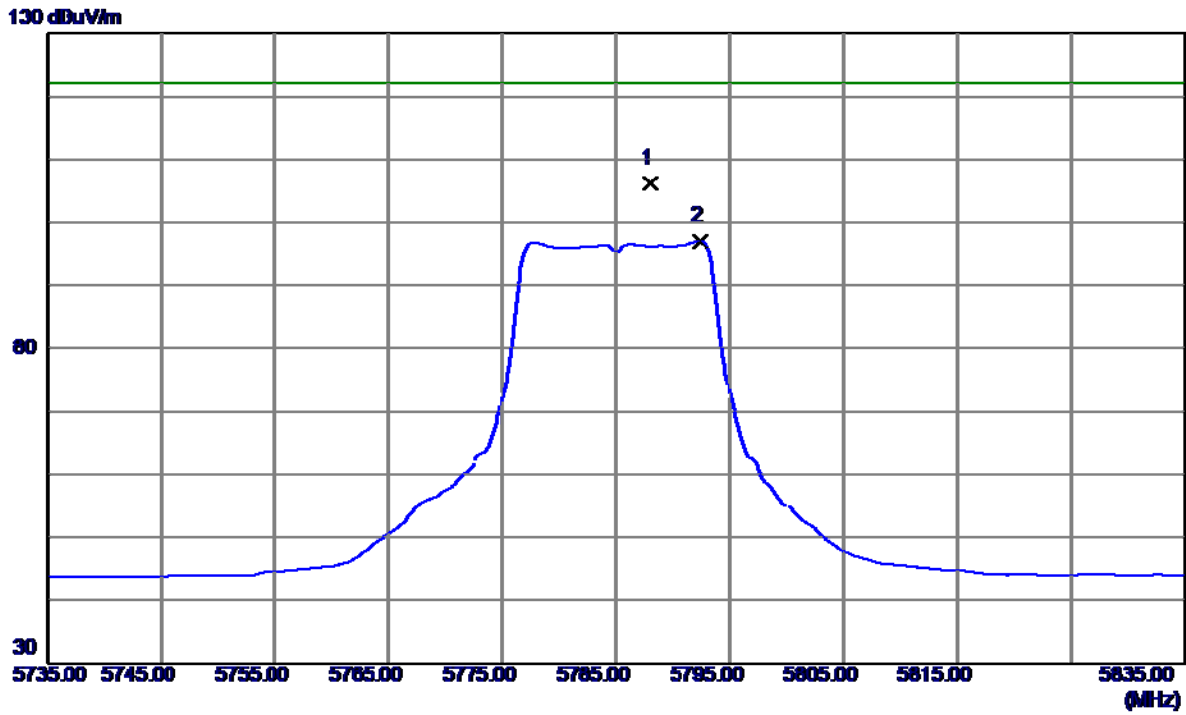
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

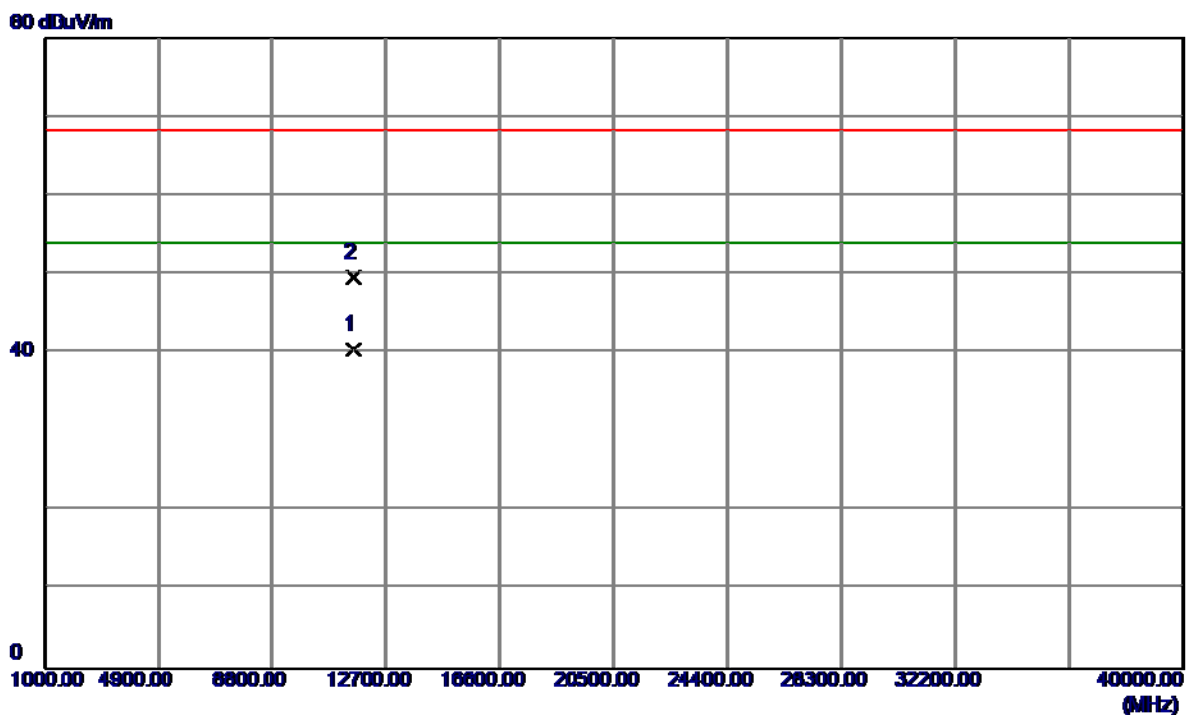
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5788.0000	63.93	42.30	106.23	122.30	-16.07	Peak	
2	5792.4000	54.77	42.30	97.07	122.30	-25.23	AVG	

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

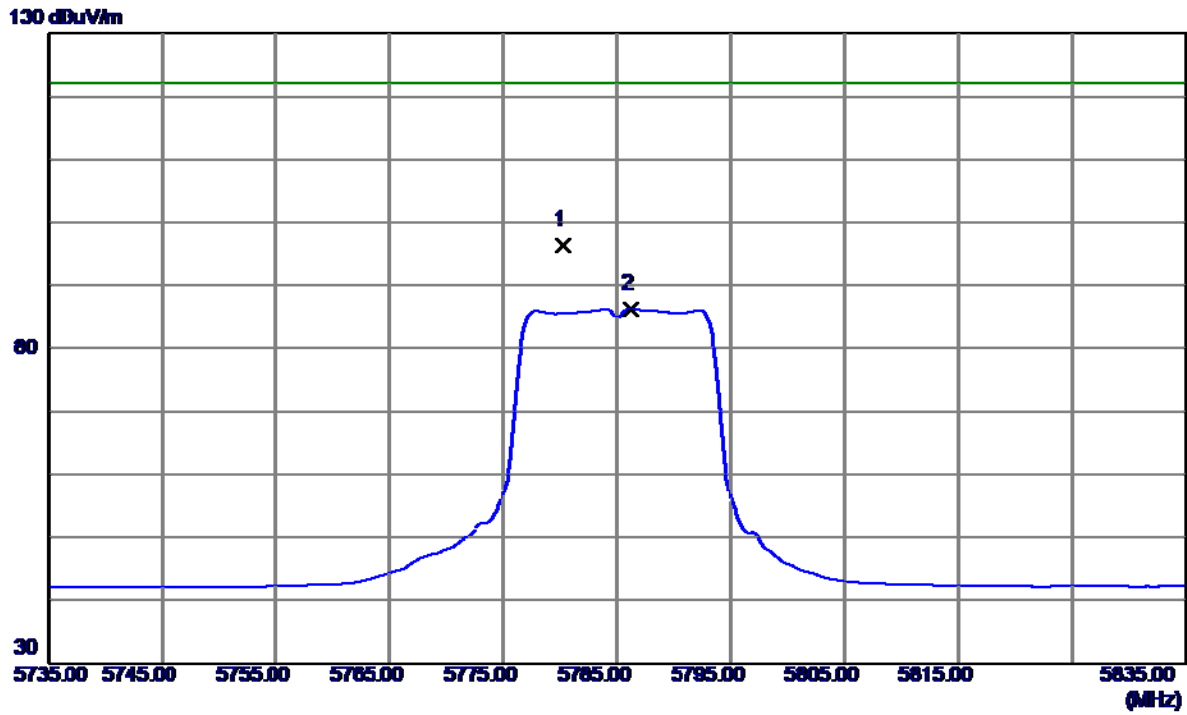
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	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

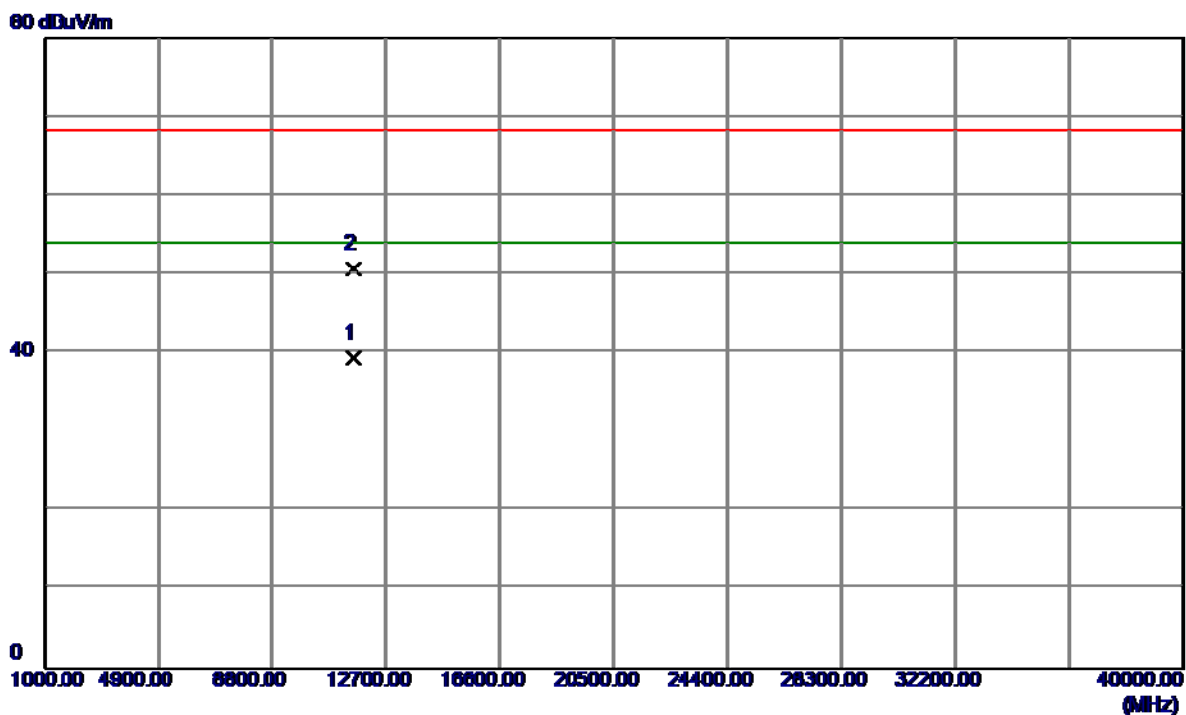
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5780.2000	54.09	42.29	96.38	122.30	-25.92	Peak	
2	5786.2000	43.95	42.29	86.24	122.30	-36.06	AVG	

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

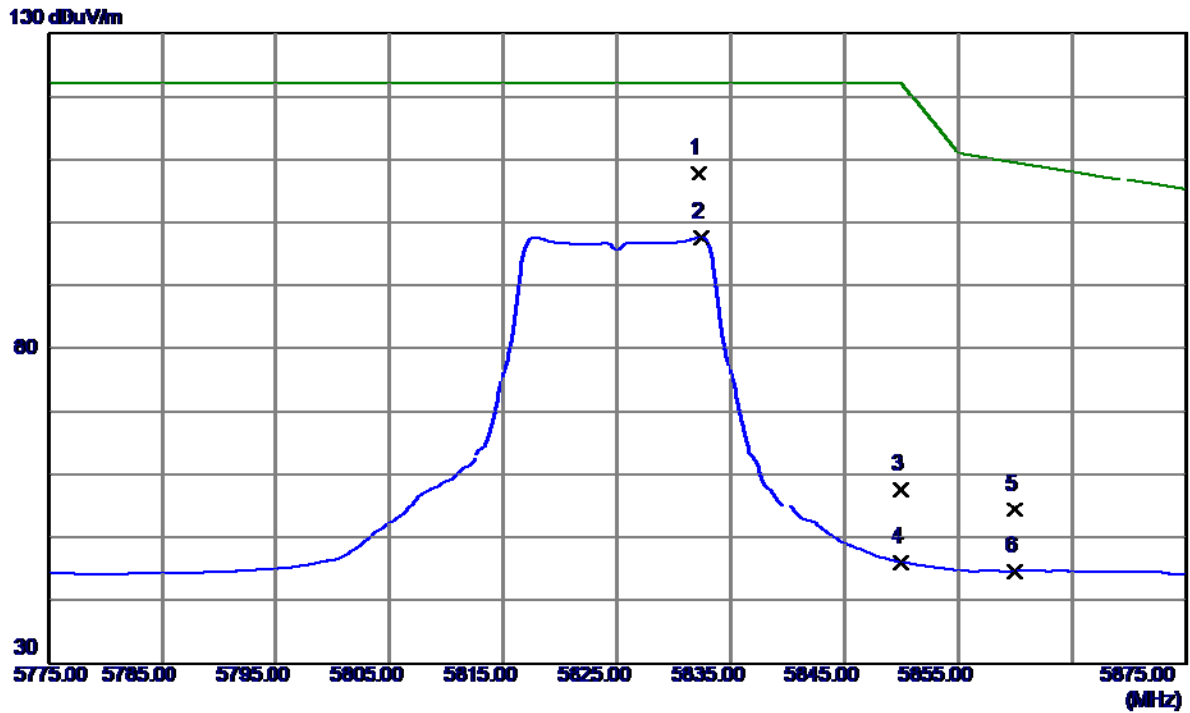
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	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

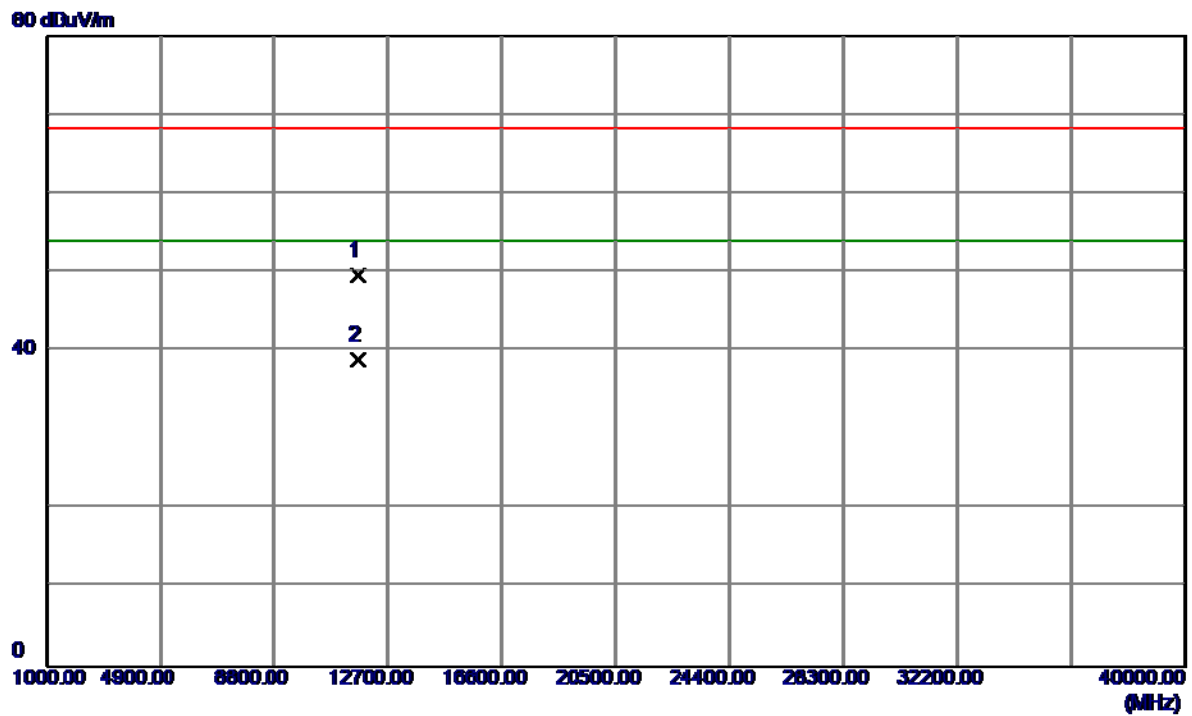
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5832.2000	65.39	42.33	107.72	122.30	-14.58	Peak	
2	5832.4000	55.36	42.33	97.69	122.30	-24.61	AVG	
3	5850.0000	15.29	42.35	57.64	122.30	-64.66	Peak	
4	5850.0000	3.71	42.35	46.06	122.30	-76.24	AVG	
5	5860.0000	12.06	42.36	54.42	109.50	-55.08	Peak	
6	5860.0000	2.32	42.36	44.68	109.50	-64.82	AVG	

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

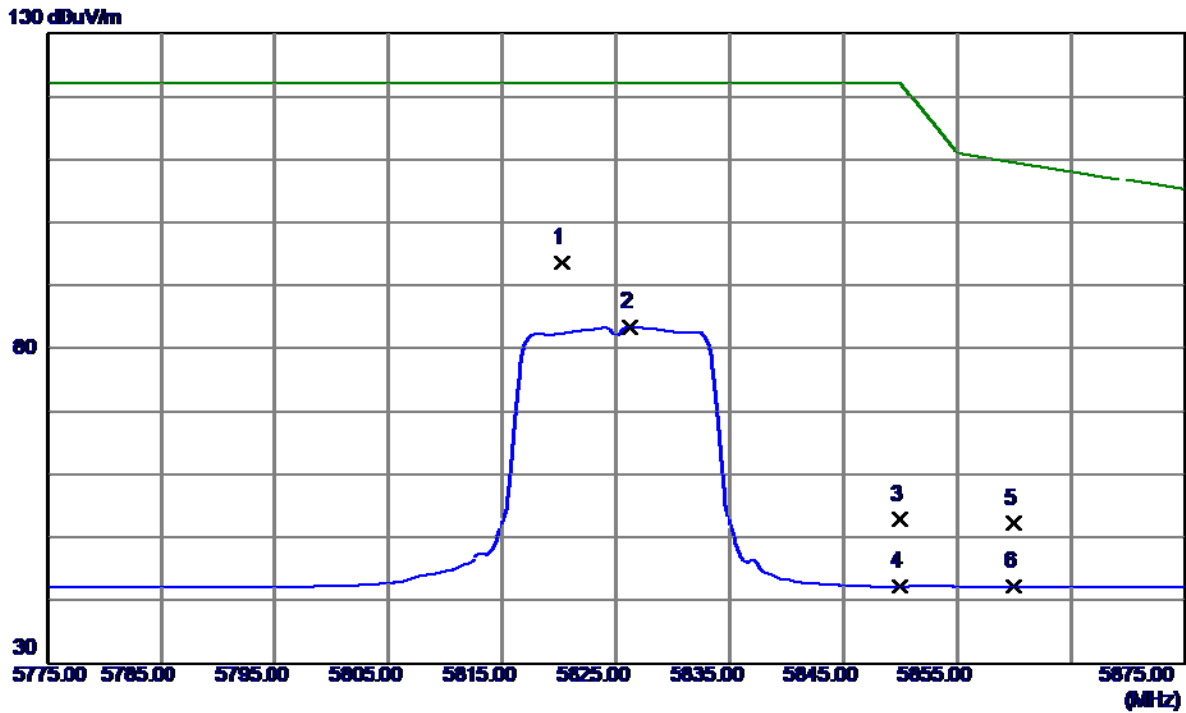
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

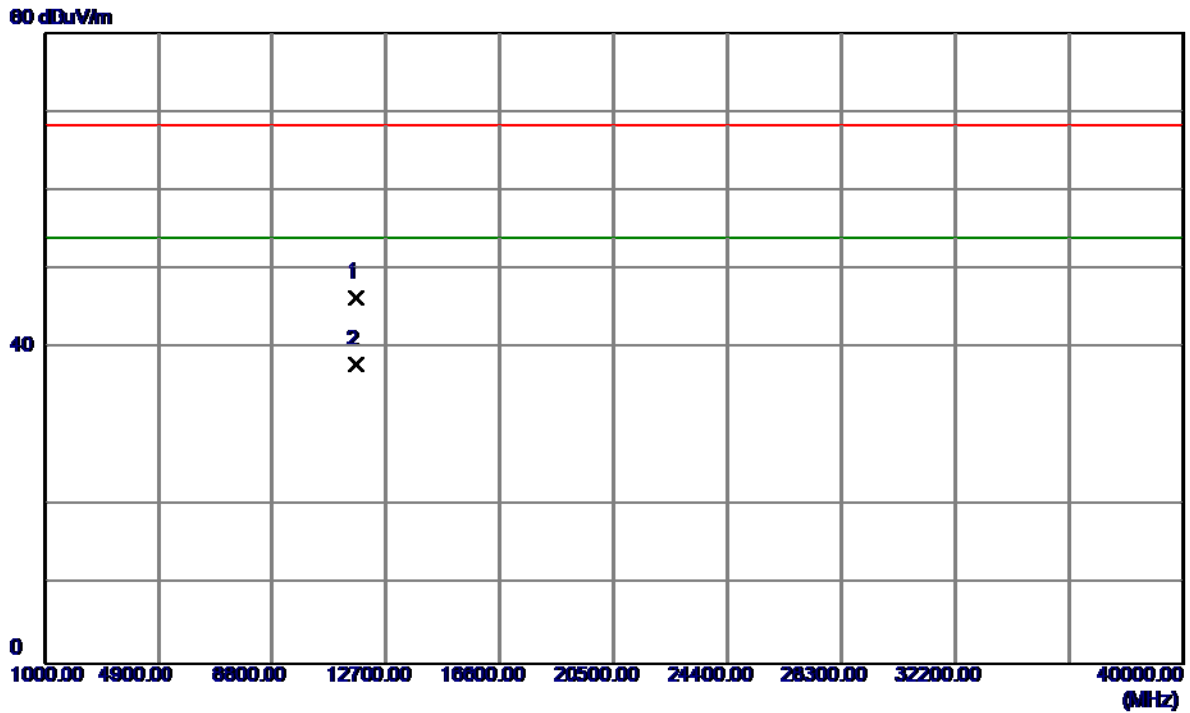
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5820.2000	51.34	42.32	93.66	122.30	-28.64	Peak	
2	5826.2000	41.15	42.33	83.48	122.30	-38.82	AVG	
3	5850.0000	10.37	42.35	52.72	122.30	-69.58	Peak	
4	5850.0000	-0.09	42.35	42.26	122.30	-80.04	AVG	
5	5860.0000	9.87	42.36	52.23	109.50	-57.27	Peak	
6	5860.0000	-0.15	42.36	42.21	109.50	-67.29	AVG	

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

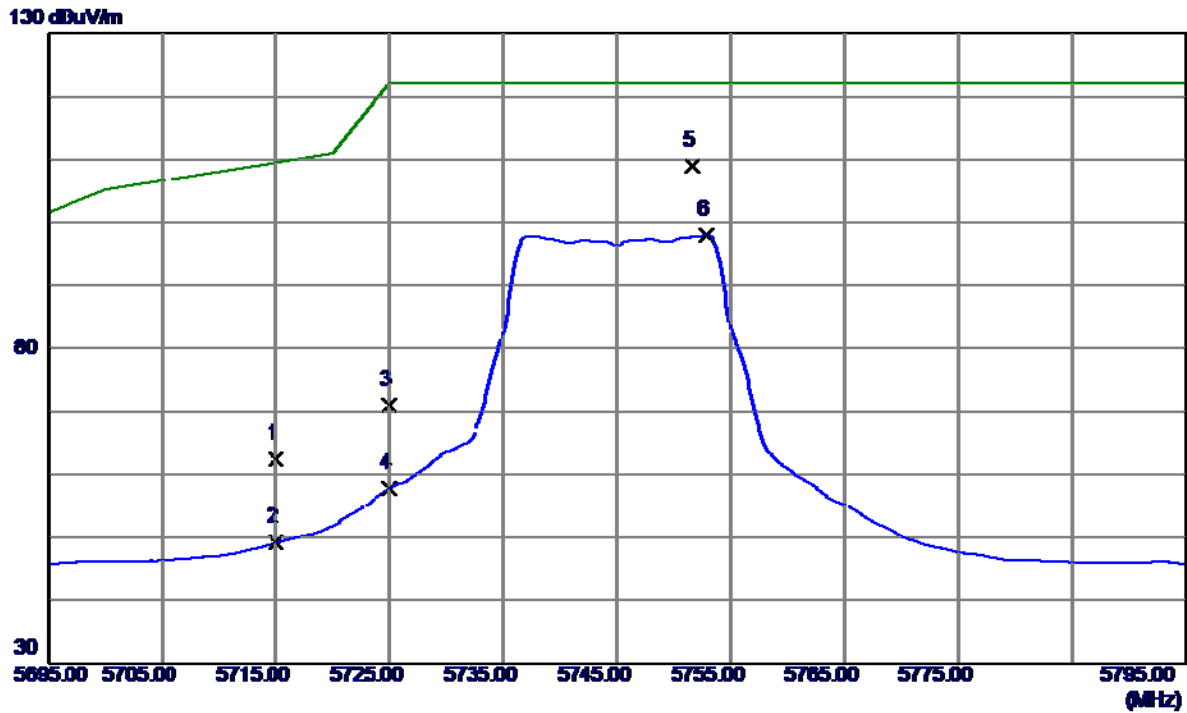
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

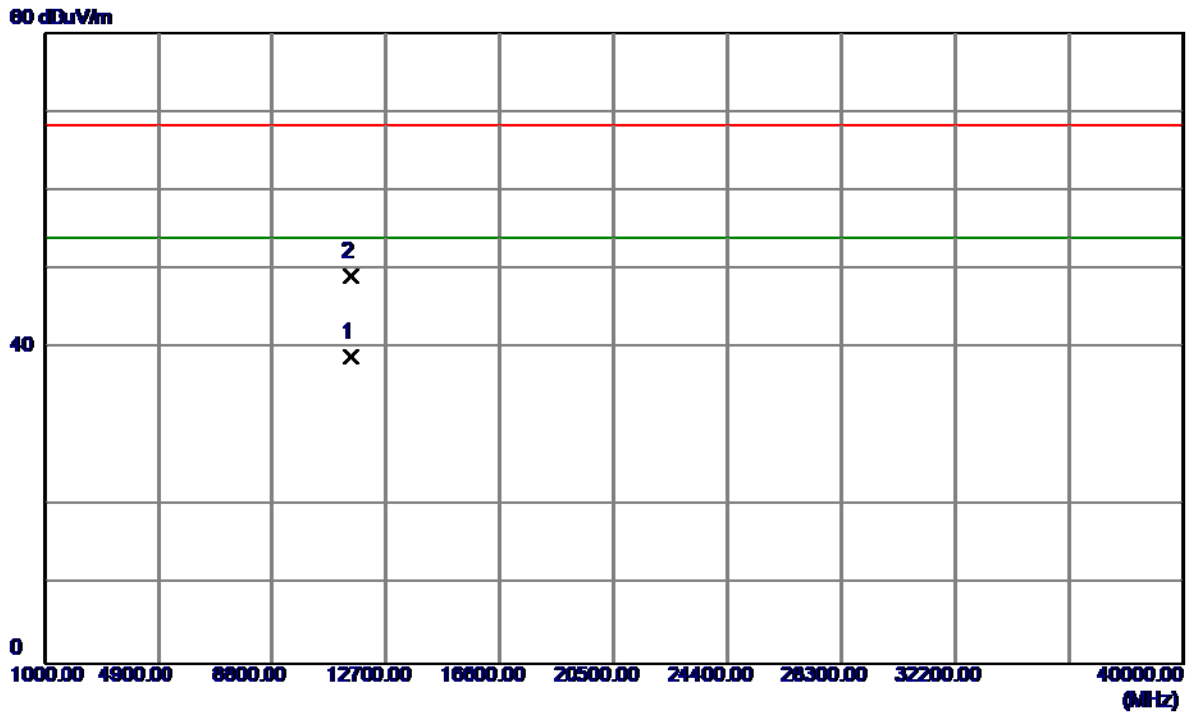
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	20.13	42.24	62.37	109.50	-47.13	Peak	
2	5715.0000	6.89	42.24	49.13	109.50	-60.37	AVG	
3	5725.0000	28.77	42.24	71.01	122.30	-51.29	Peak	
4	5725.0000	15.63	42.24	57.87	122.30	-64.43	AVG	
5 *	5751.7000	66.69	42.27	108.96	122.30	-13.34	Peak	
6	5752.9000	55.72	42.27	97.99	122.30	-24.31	AVG	

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

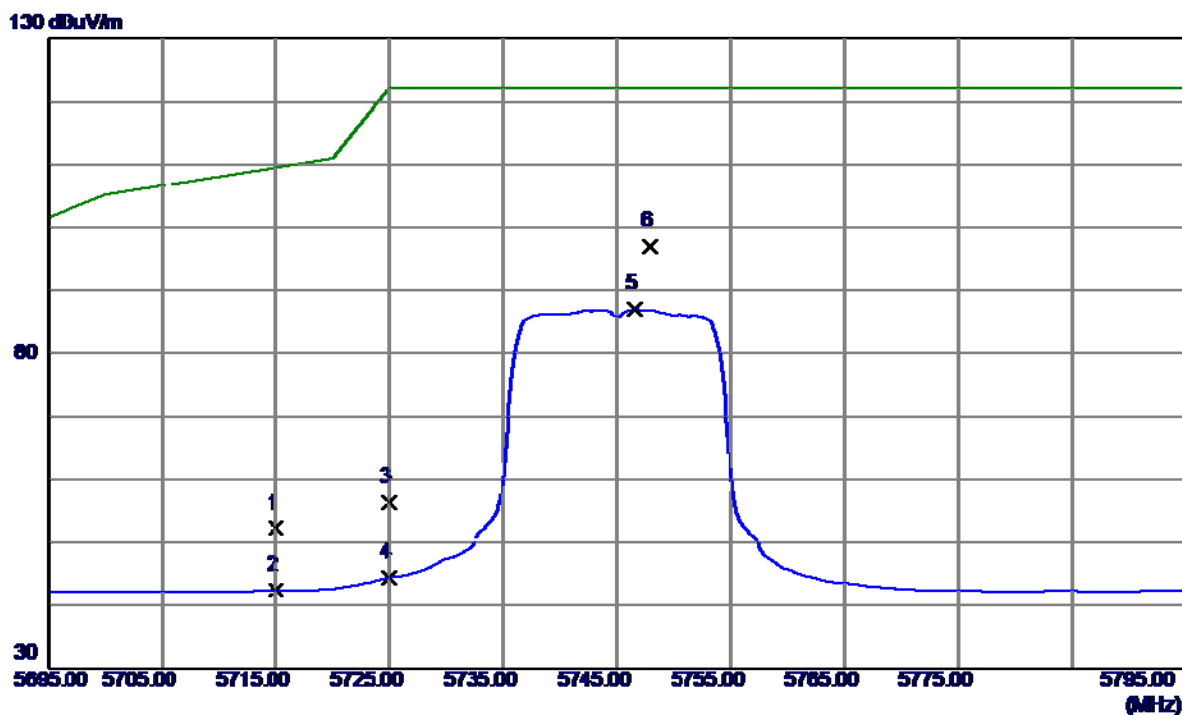
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

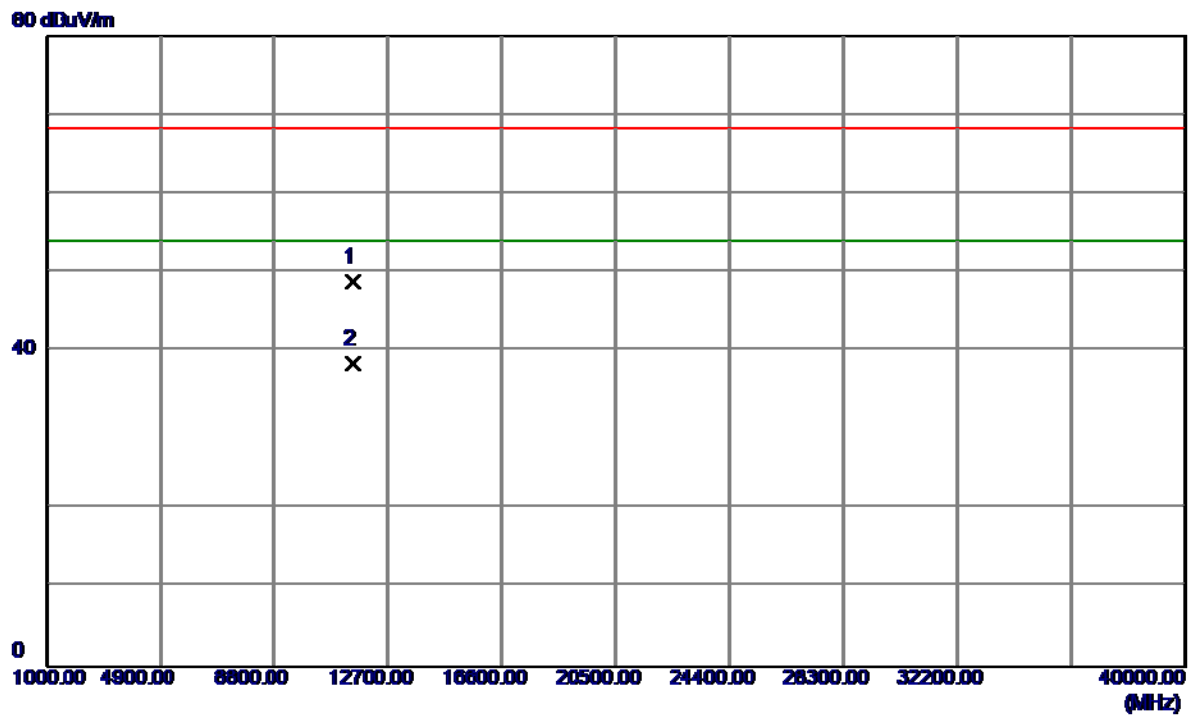
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	9.89	42.24	52.13	109.50	-57.37	Peak	
2	5715.0000	0.13	42.24	42.37	109.50	-67.13	AVG	
3	5725.0000	14.17	42.24	56.41	122.30	-65.89	Peak	
4	5725.0000	2.23	42.24	44.47	122.30	-77.83	AVG	
5	5746.6000	44.66	42.26	86.92	122.30	-35.38	AVG	
6 *	5747.9000	54.69	42.26	96.95	122.30	-25.35	Peak	

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

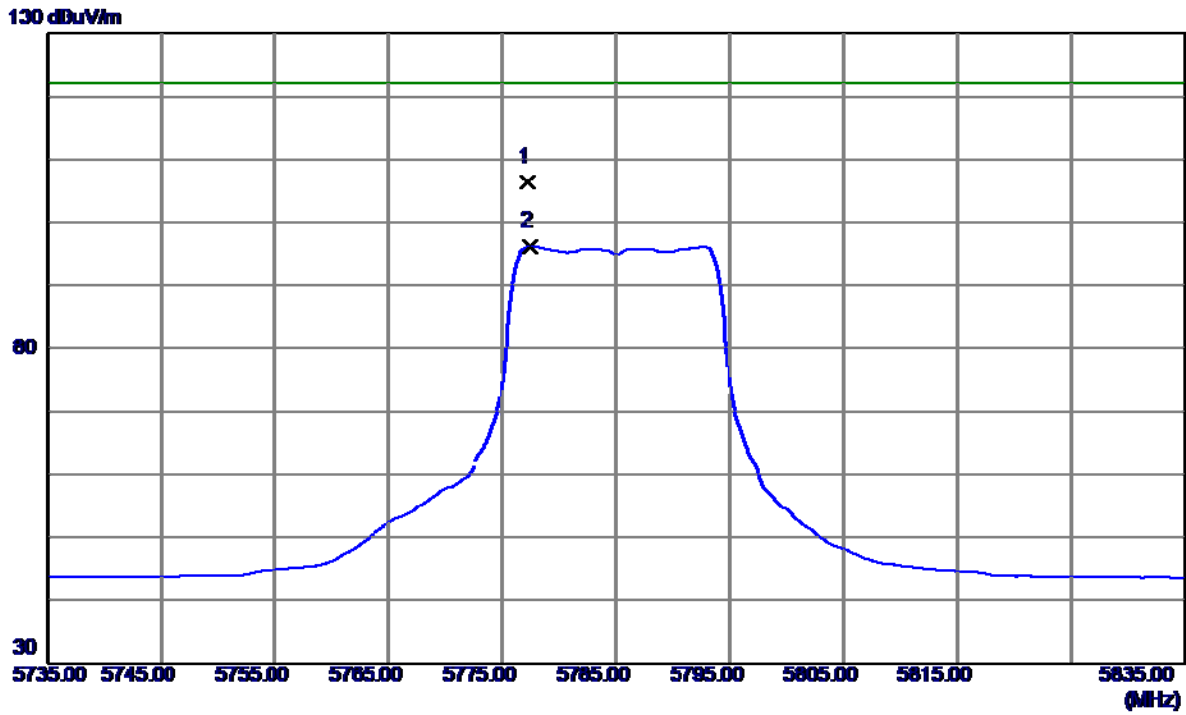
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

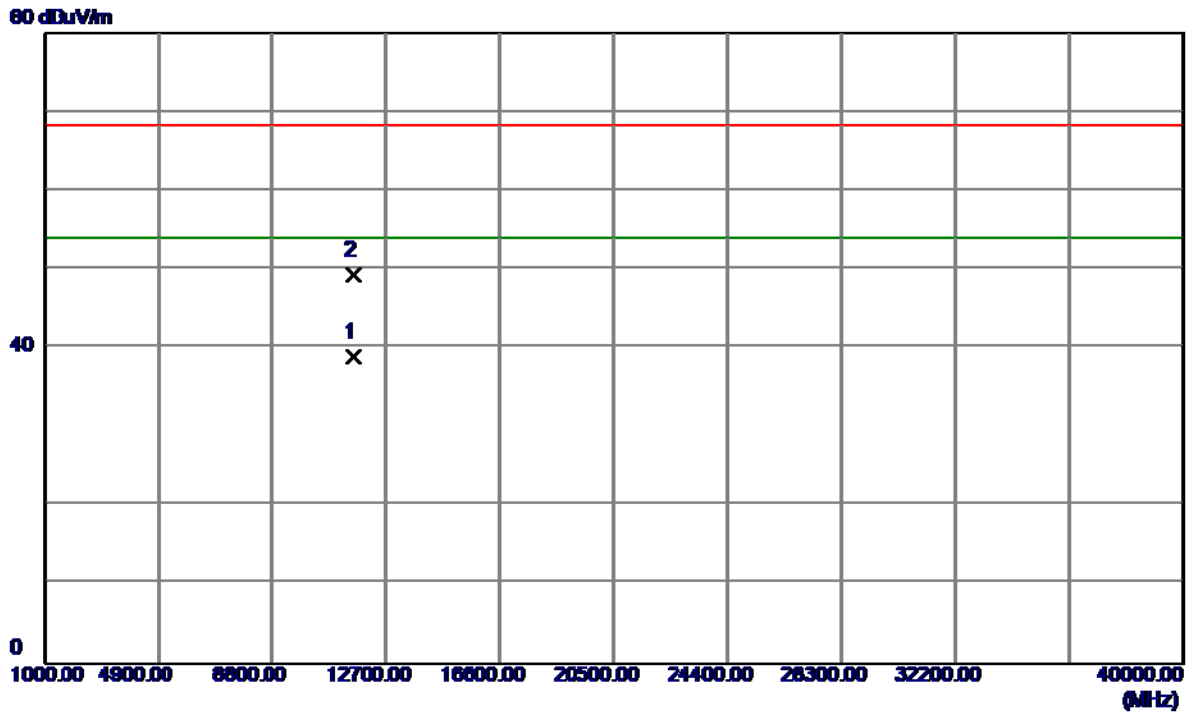
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5777.2000	64.04	42.29	106.33	122.30	-15.97	Peak	
2	5777.4000	53.89	42.29	96.18	122.30	-26.12	AVG	

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

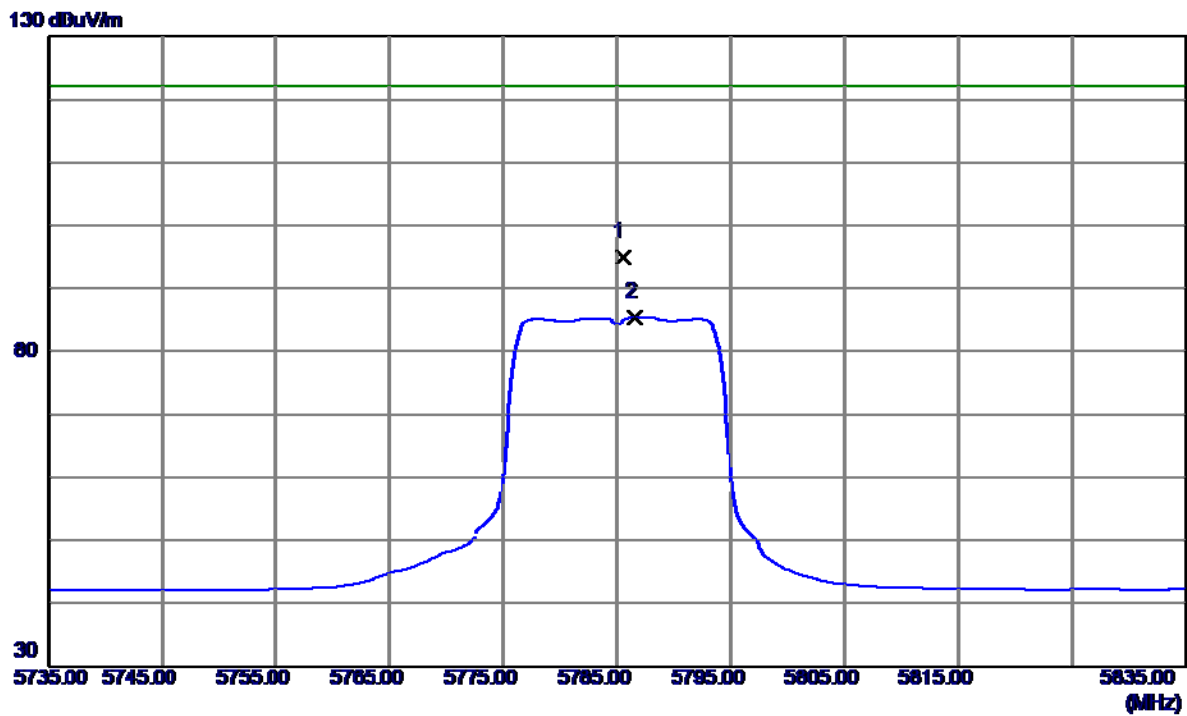
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

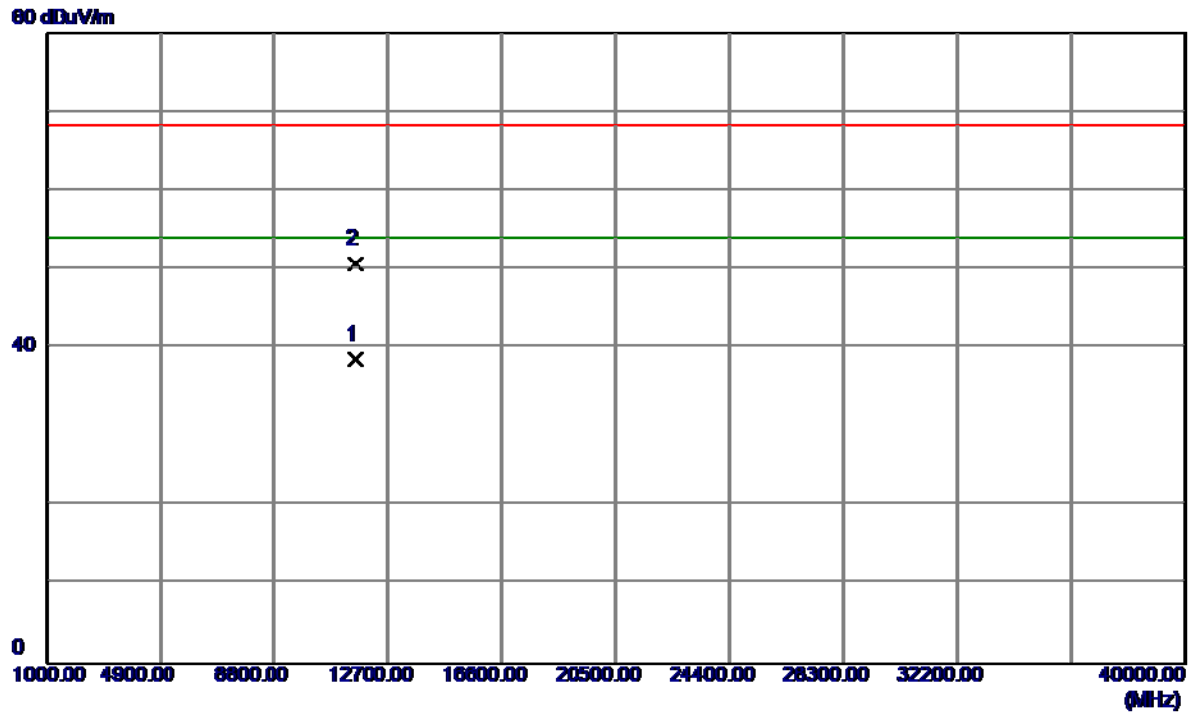
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5785.5000	52.73	42.29	95.02	122.30	-27.28	Peak	
2	5786.6000	43.16	42.29	85.45	122.30	-36.85	AVG	

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

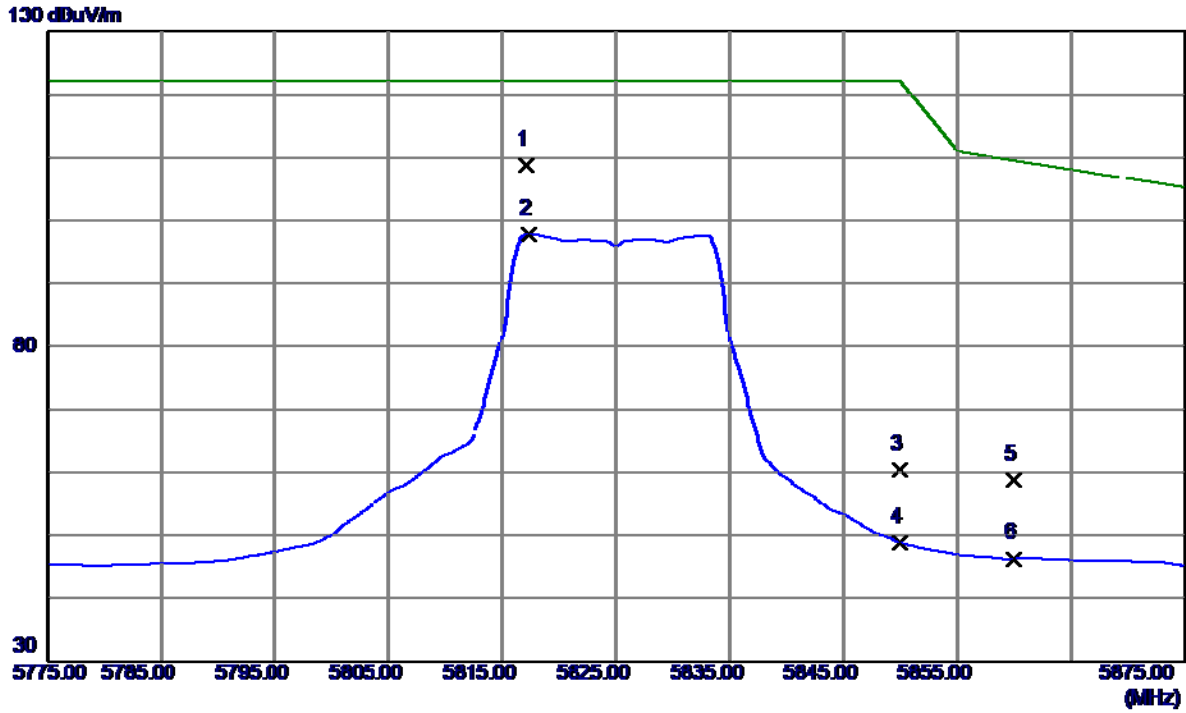
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

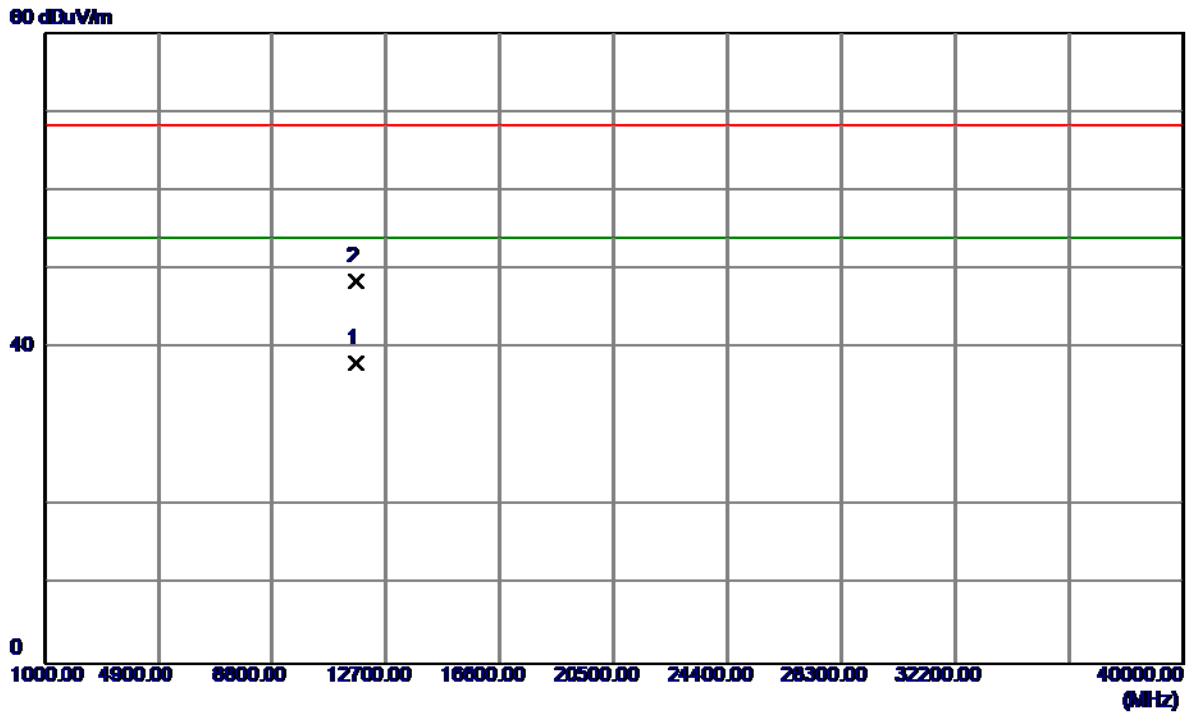
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5817.1000	66.57	42.32	108.89	122.30	-13.41	Peak	
2	5817.3000	55.51	42.32	97.83	122.30	-24.47	AVG	
3	5850.0000	18.13	42.35	60.48	122.30	-61.82	Peak	
4	5850.0000	6.44	42.35	48.79	122.30	-73.51	AVG	
5	5860.0000	16.40	42.36	58.76	109.50	-50.74	Peak	
6	5860.0000	3.94	42.36	46.30	109.50	-63.20	AVG	

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

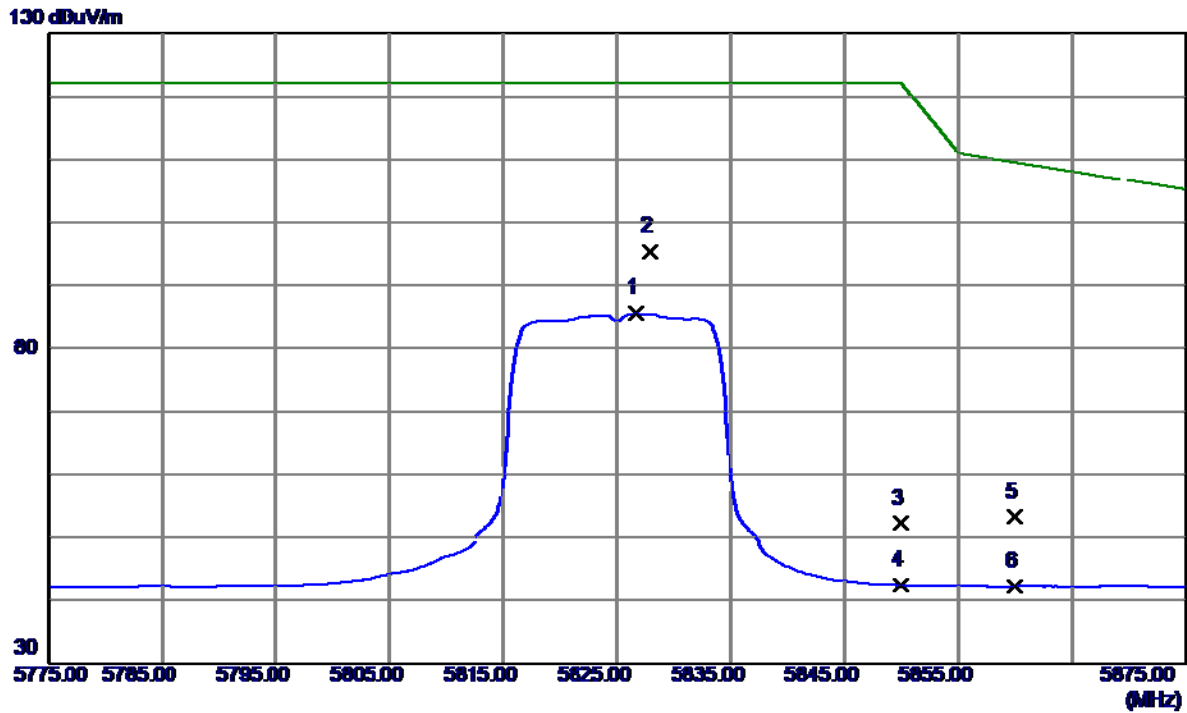
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

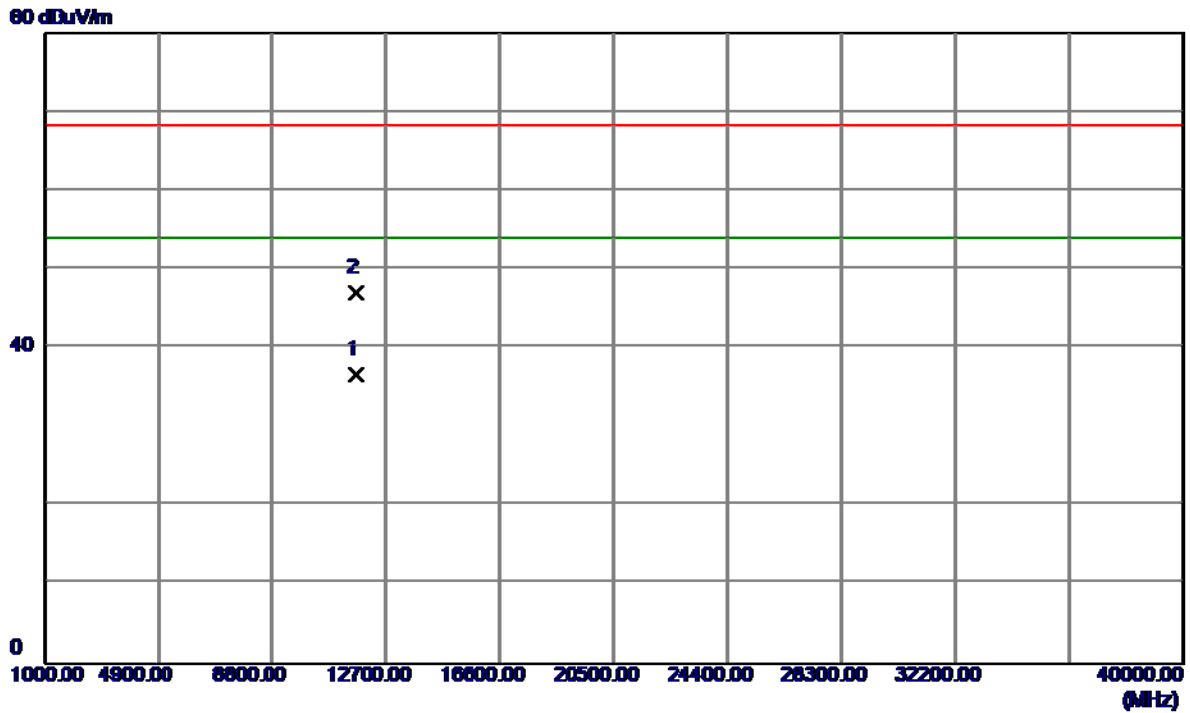
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5826.7000	43.19	42.33	85.52	122.30	-36.78	AVG	
2 *	5827.9000	53.15	42.33	95.48	122.30	-26.82	Peak	
3	5850.0000	9.93	42.35	52.28	122.30	-70.02	Peak	
4	5850.0000	0.14	42.35	42.49	122.30	-79.81	AVG	
5	5860.0000	10.76	42.36	53.12	109.50	-56.38	Peak	
6	5860.0000	-0.07	42.36	42.29	109.50	-67.21	AVG	

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

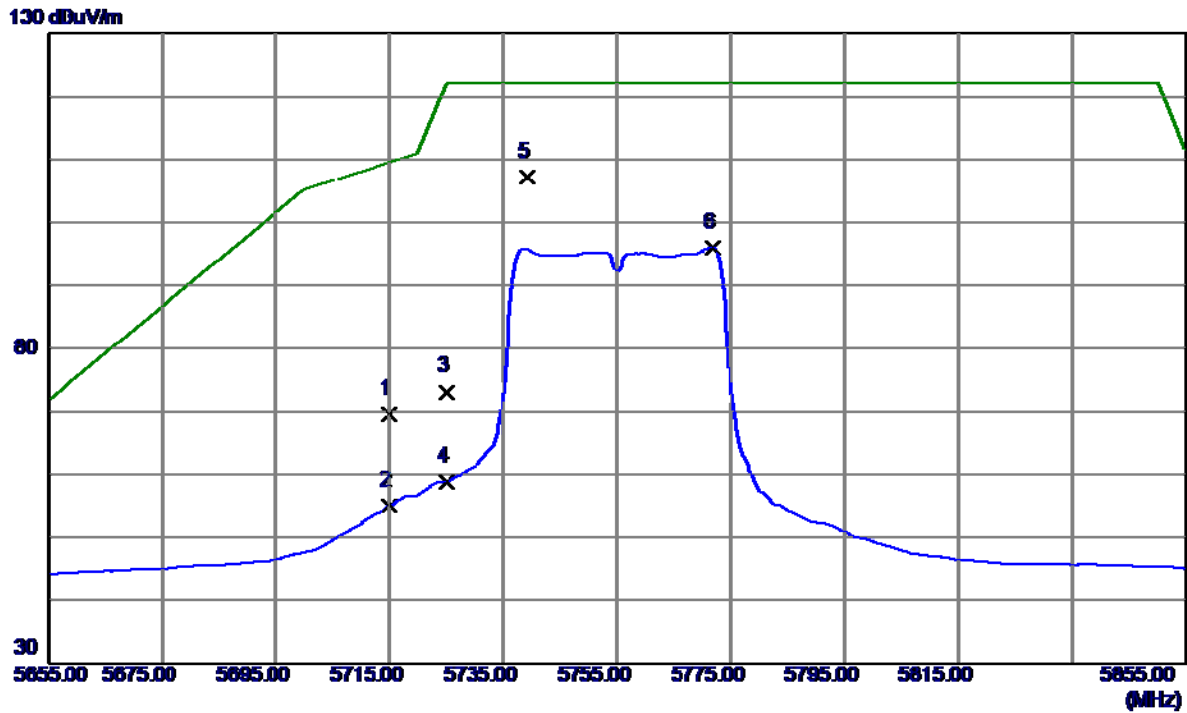
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

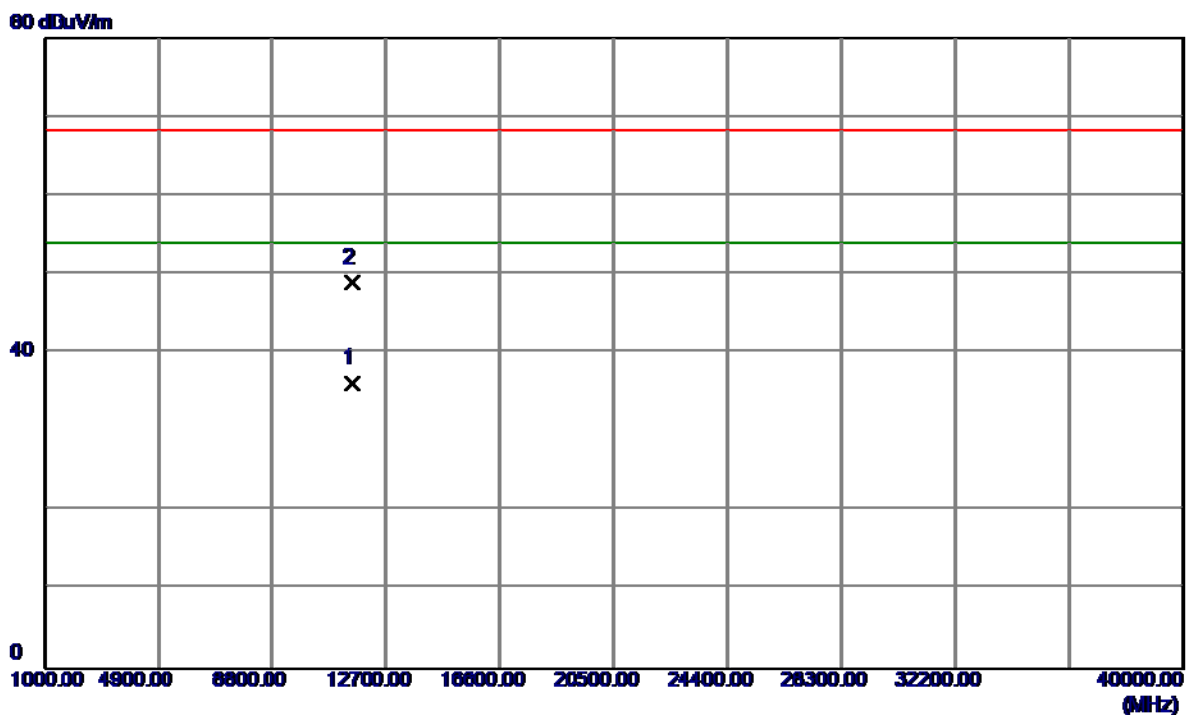
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	27.31	42.24	69.55	109.50	-39.95	Peak	
2	5715.0000	12.72	42.24	54.96	109.50	-54.54	AVG	
3	5725.0000	30.86	42.24	73.10	122.30	-49.20	Peak	
4	5725.0000	16.60	42.24	58.84	122.30	-63.46	AVG	
5 *	5739.2000	64.95	42.26	107.21	122.30	-15.09	Peak	
6	5771.8000	53.75	42.28	96.03	122.30	-26.27	AVG	

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

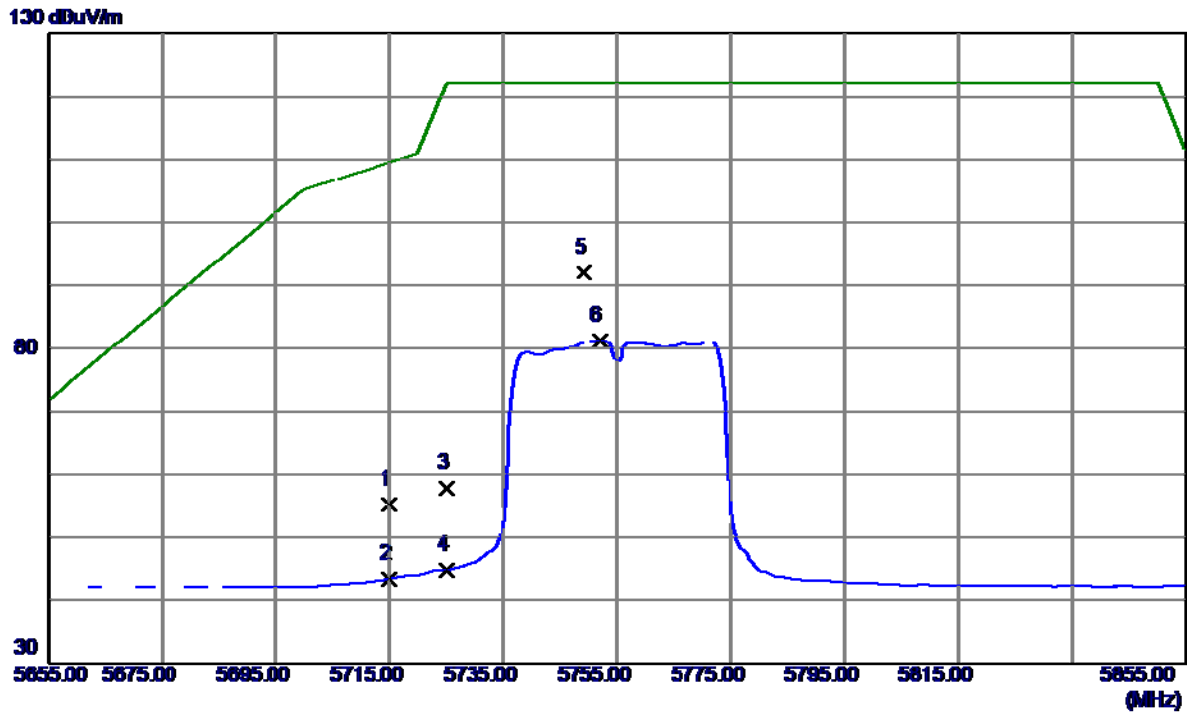
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

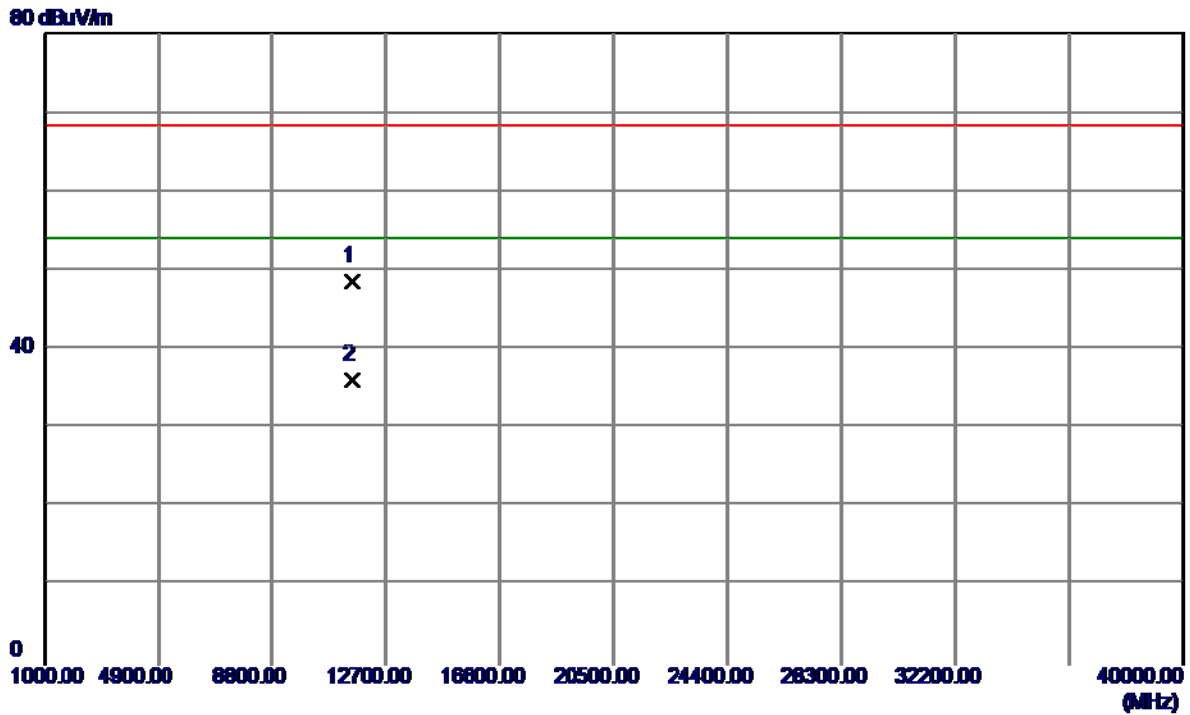
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	12.95	42.24	55.19	109.50	-54.31	Peak	
2	5715.0000	1.23	42.24	43.47	109.50	-66.03	AVG	
3	5725.0000	15.48	42.24	57.72	122.30	-64.58	Peak	
4	5725.0000	2.60	42.24	44.84	122.30	-77.46	AVG	
5 *	5749.2000	49.67	42.26	91.93	122.30	-30.37	Peak	
6	5752.0000	38.87	42.27	81.14	122.30	-41.16	AVG	

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

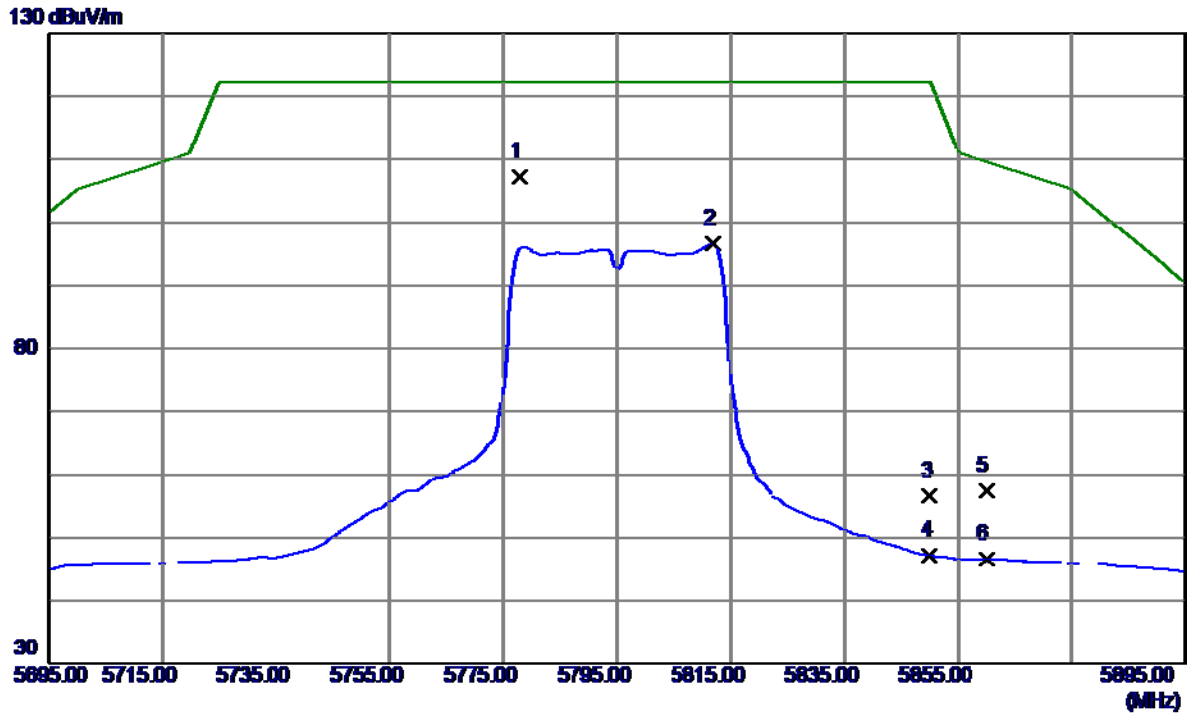
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

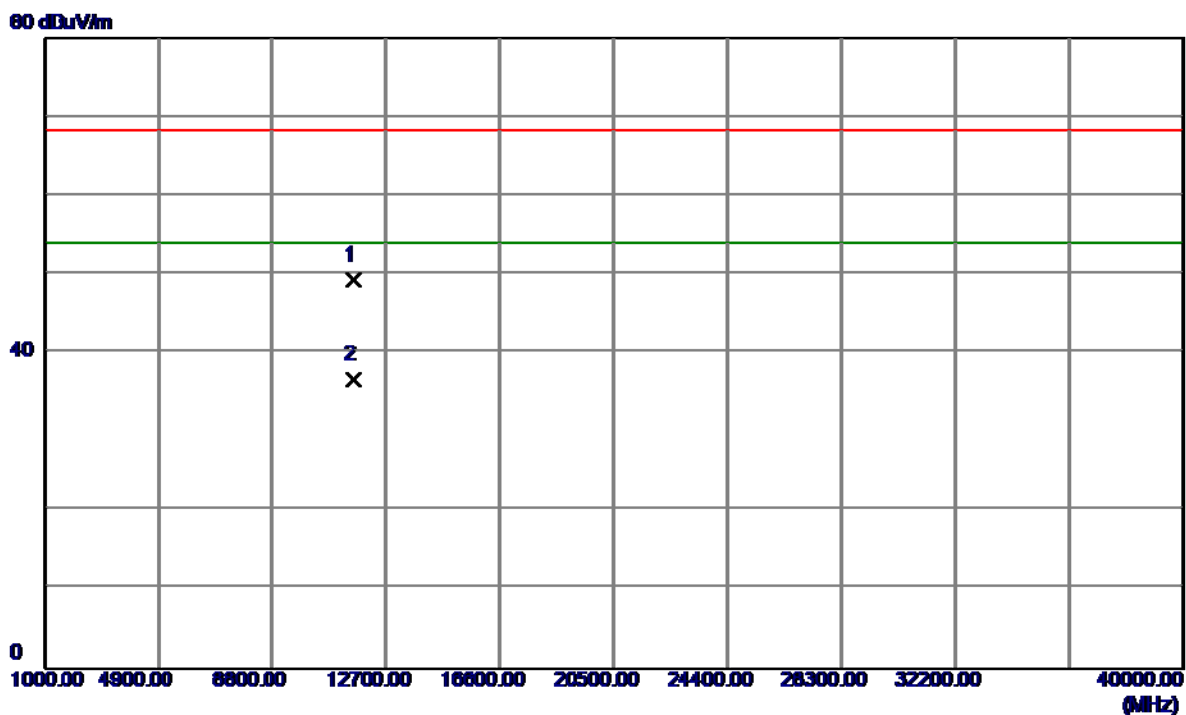
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5777.8000	64.96	42.29	107.25	122.30	-15.05	Peak	
2	5811.8000	54.20	42.32	96.52	122.30	-25.78	AVG	
3	5850.0000	14.31	42.35	56.66	122.30	-65.64	Peak	
4	5850.0000	4.79	42.35	47.14	122.30	-75.16	AVG	
5	5860.0000	15.03	42.36	57.39	109.50	-52.11	Peak	
6	5860.0000	4.25	42.36	46.61	109.50	-62.89	AVG	

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

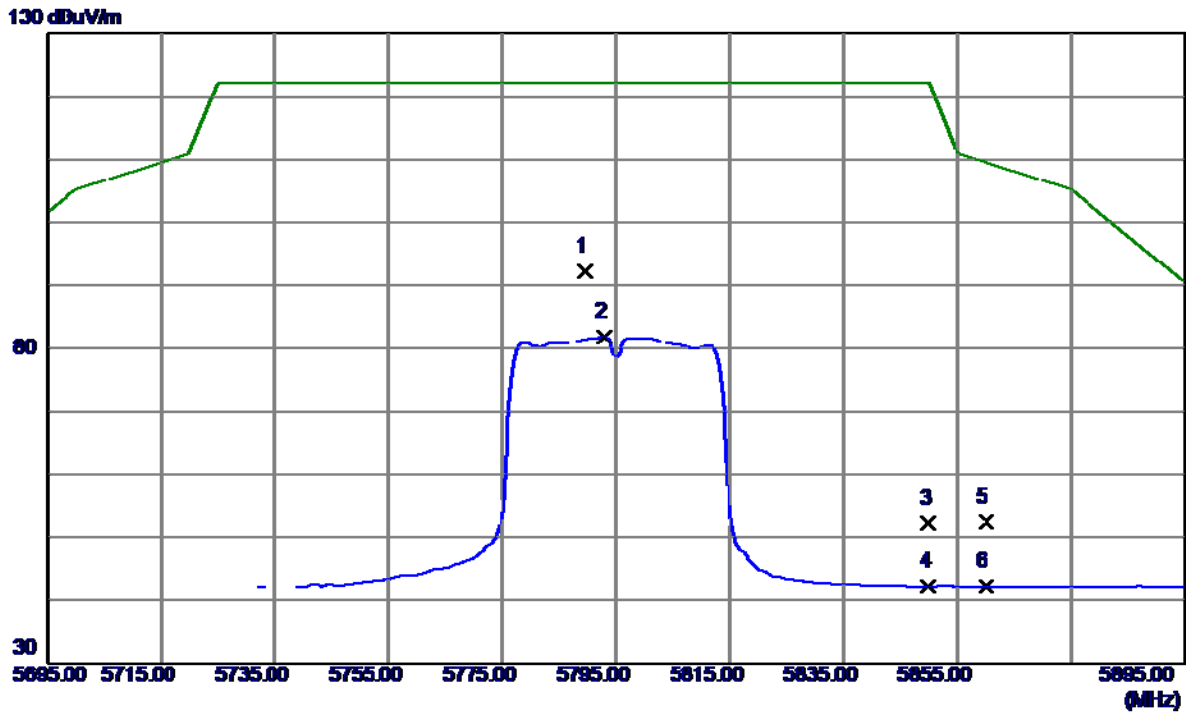
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

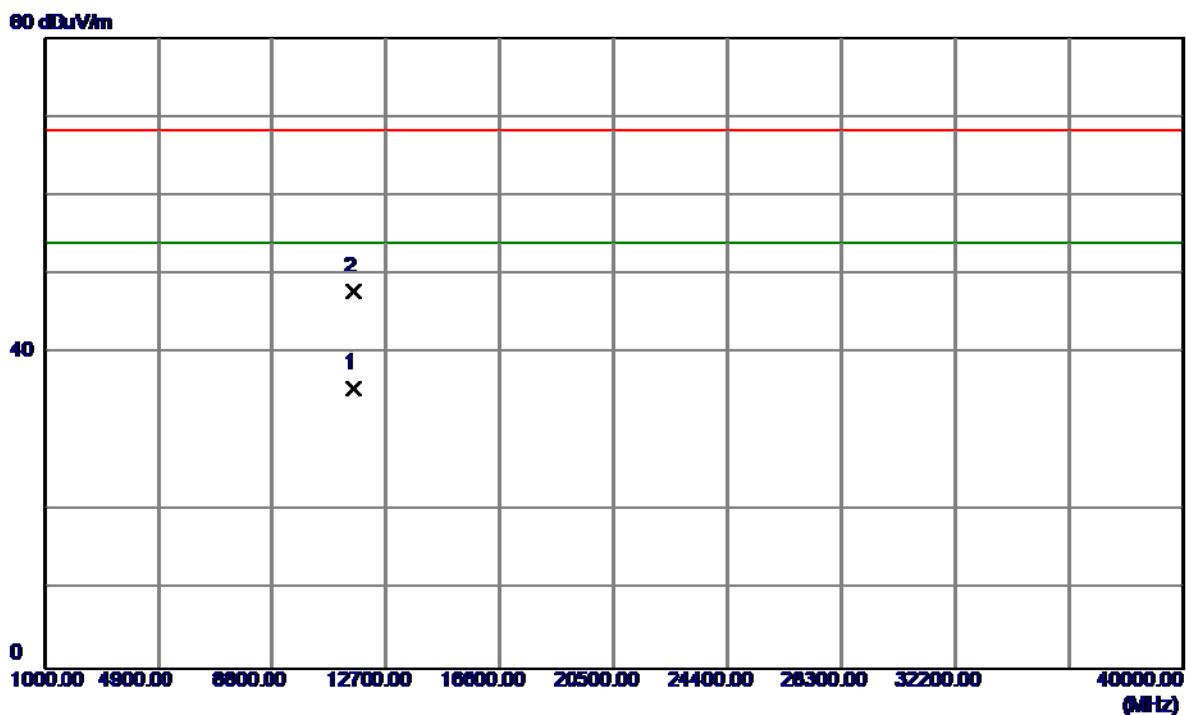
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5789.6000	49.99	42.30	92.29	122.30	-30.01	Peak	
2	5793.0000	39.44	42.30	81.74	122.30	-40.56	AVG	
3	5850.0000	9.81	42.35	52.16	122.30	-70.14	Peak	
4	5850.0000	-0.11	42.35	42.24	122.30	-80.06	AVG	
5	5860.0000	10.10	42.36	52.46	109.50	-57.04	Peak	
6	5860.0000	-0.13	42.36	42.23	109.50	-67.27	AVG	

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

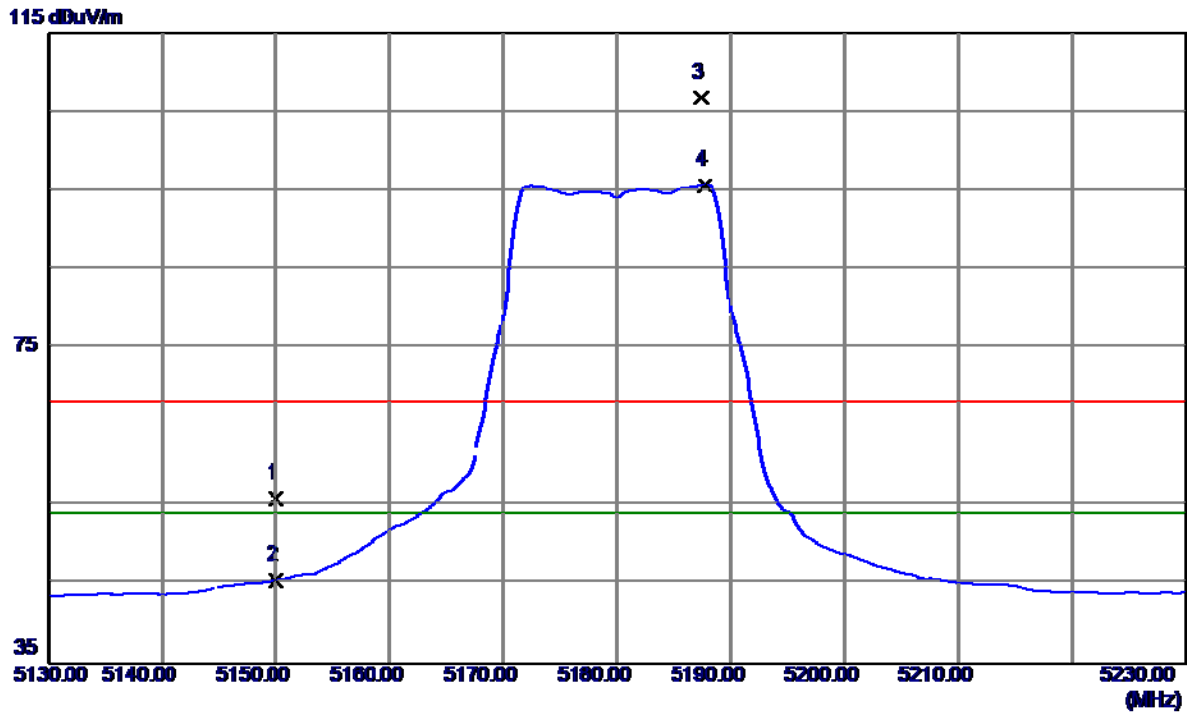
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

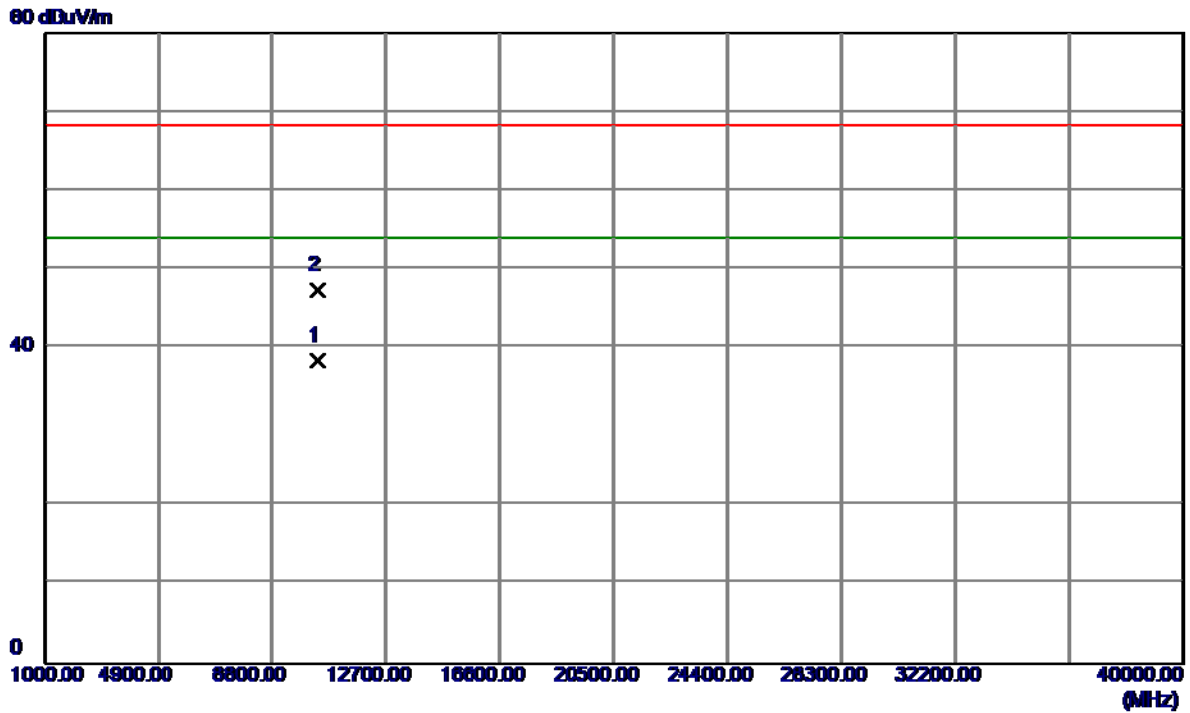
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	15.06	40.90	55.96	68.30	-12.34	Peak	
2	5150.0000	4.69	40.90	45.59	54.00	-8.41	AVG	
3	5187.4000	65.76	41.03	106.79	68.30	38.49	Peak	No Limit
4 *	5187.8000	54.69	41.03	95.72	54.00	41.72	AVG	No Limit

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

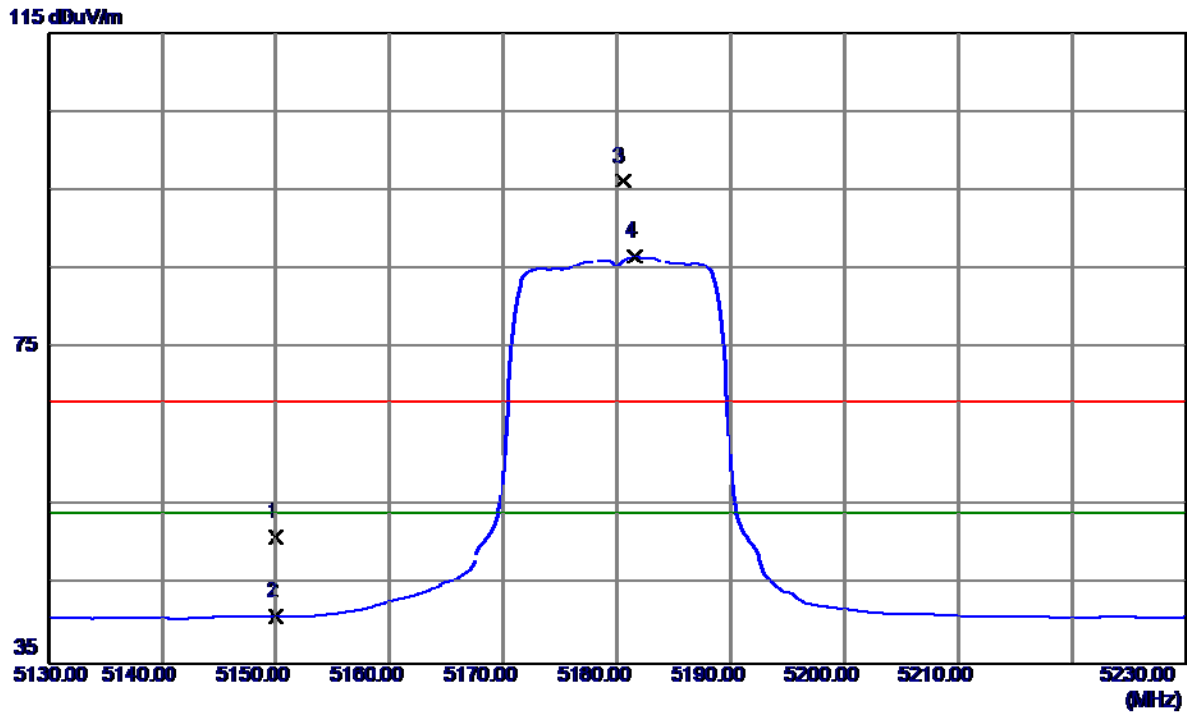
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

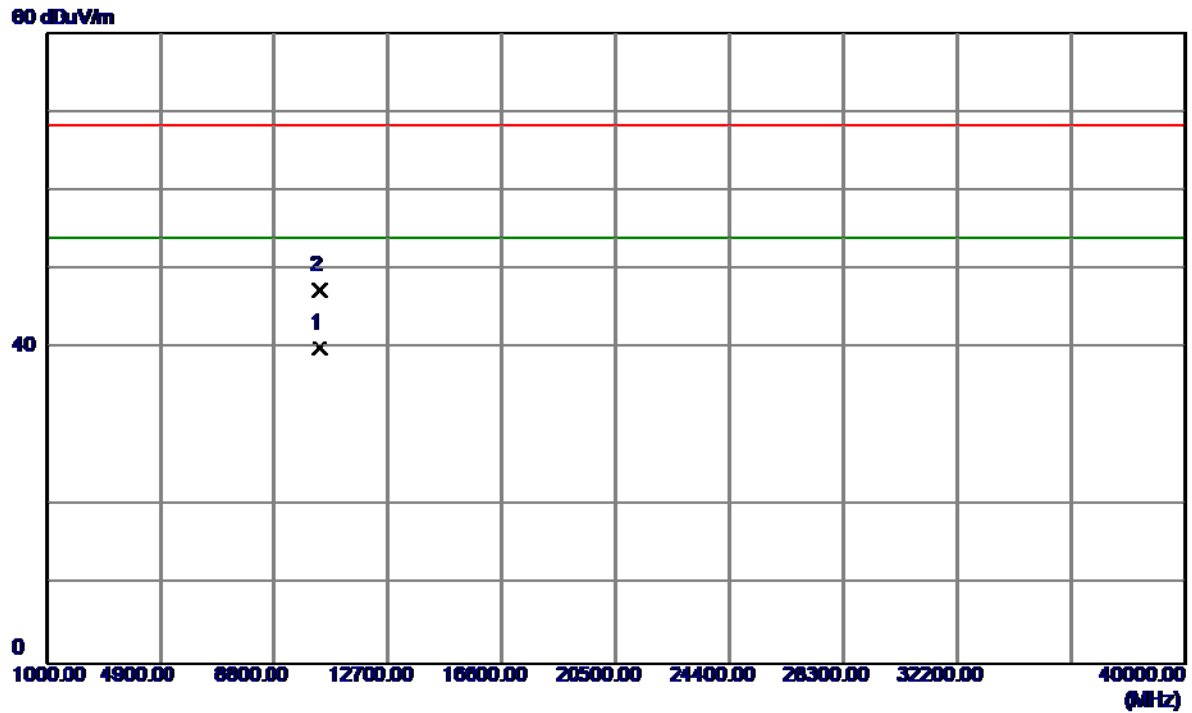
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	10.16	40.90	51.06	68.30	-17.24	Peak	
2	5150.0000	-0.05	40.90	40.85	54.00	-13.15	AVG	
3	5180.5000	55.19	41.01	96.20	68.30	27.90	Peak	No Limit
4 *	5181.6000	45.65	41.01	86.66	54.00	32.66	AVG	No Limit

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

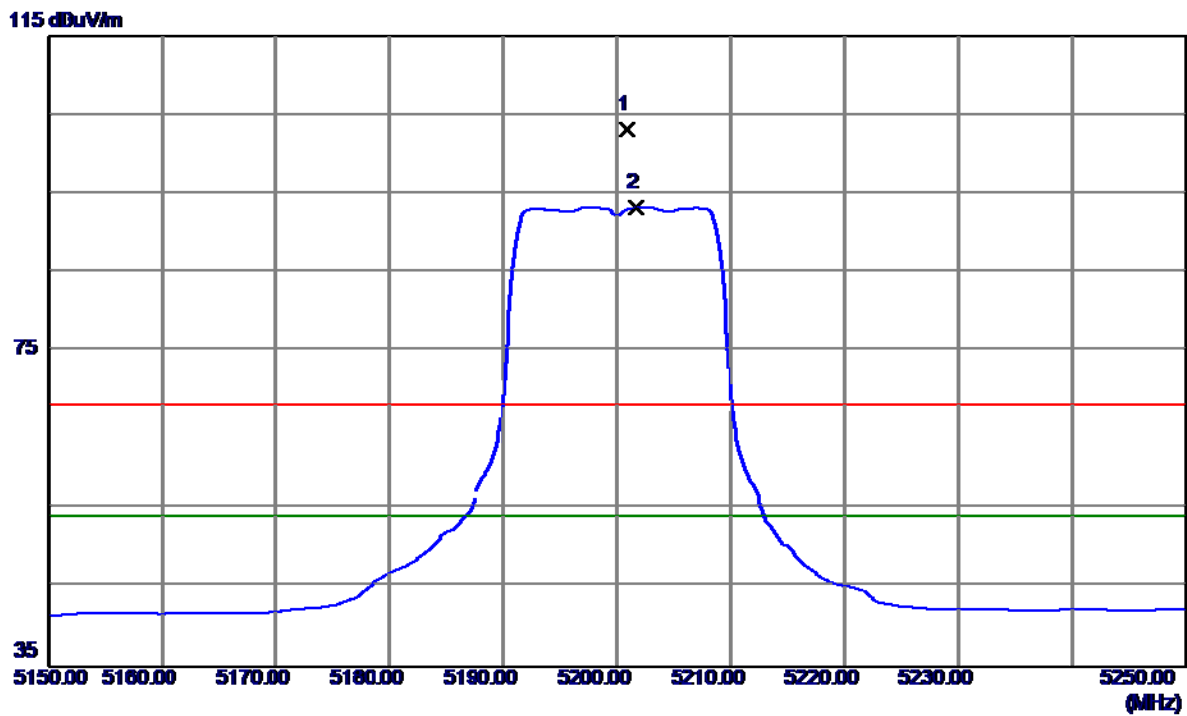
Horizontal



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

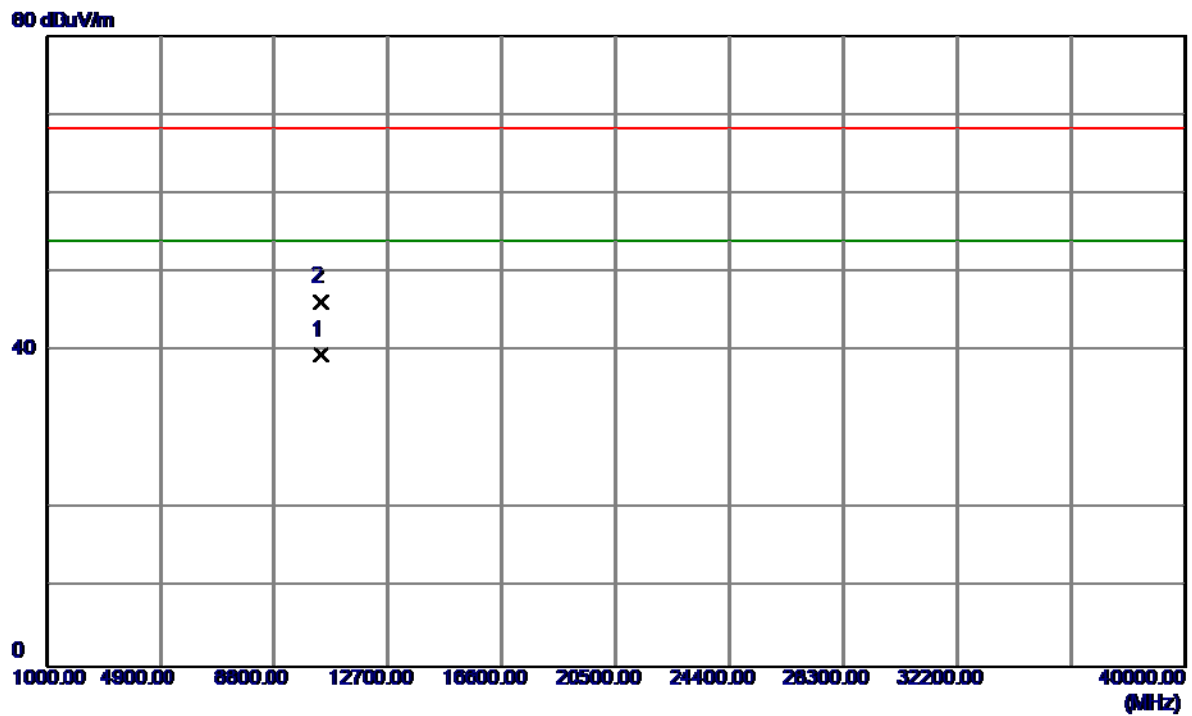
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5200.9000	62.04	41.07	103.11	68.30	34.81	Peak	No Limit
2 *	5201.7000	52.13	41.08	93.21	54.00	39.21	AVG	No Limit

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

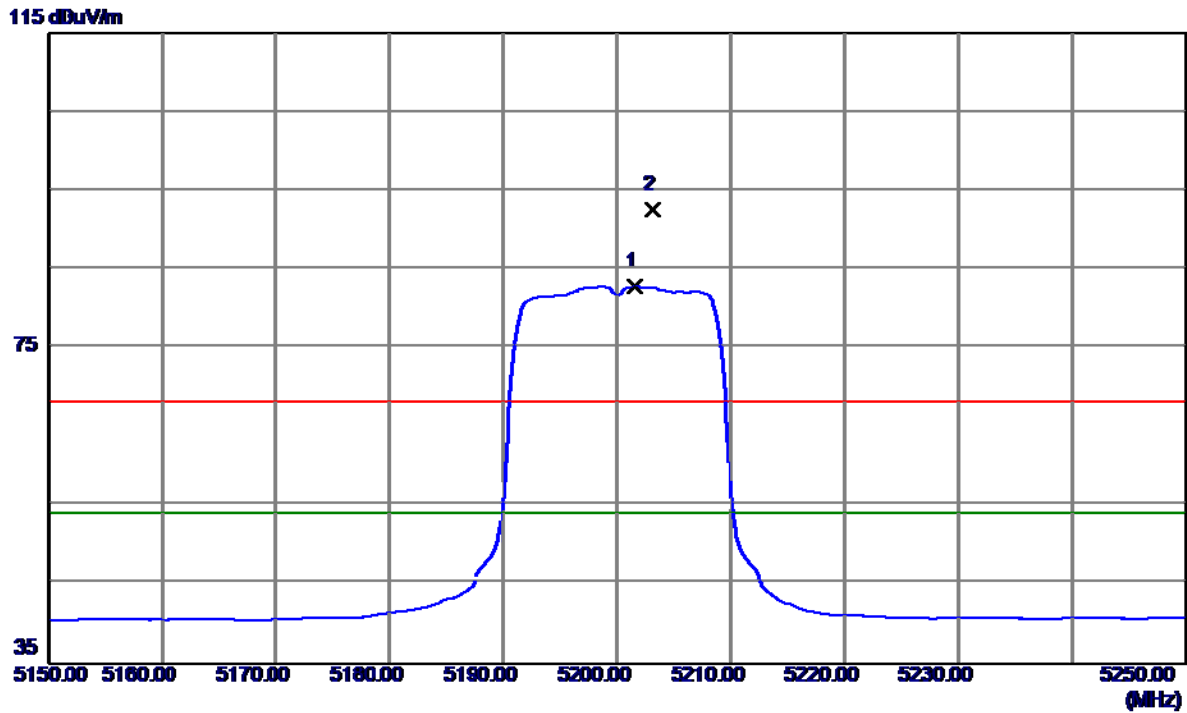
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

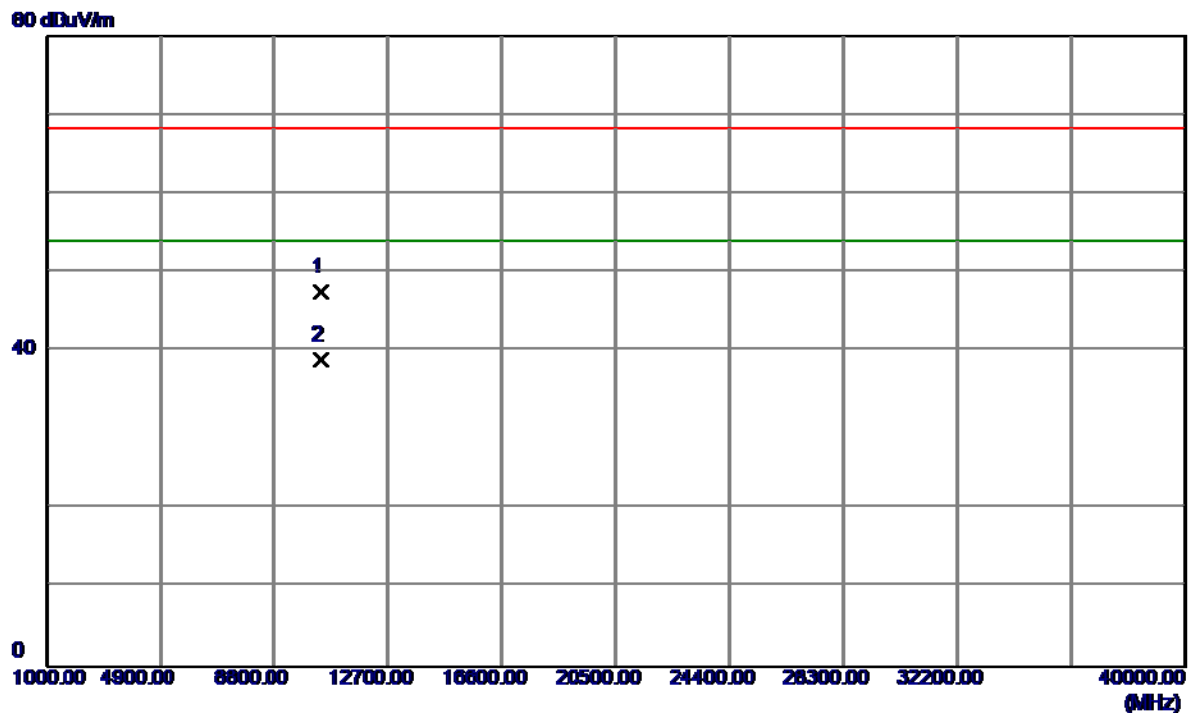
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5201.6000	41.72	41.08	82.80	54.00	28.80	AVG	No Limit
2	5203.1000	51.59	41.08	92.67	68.30	24.37	Peak	No Limit

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

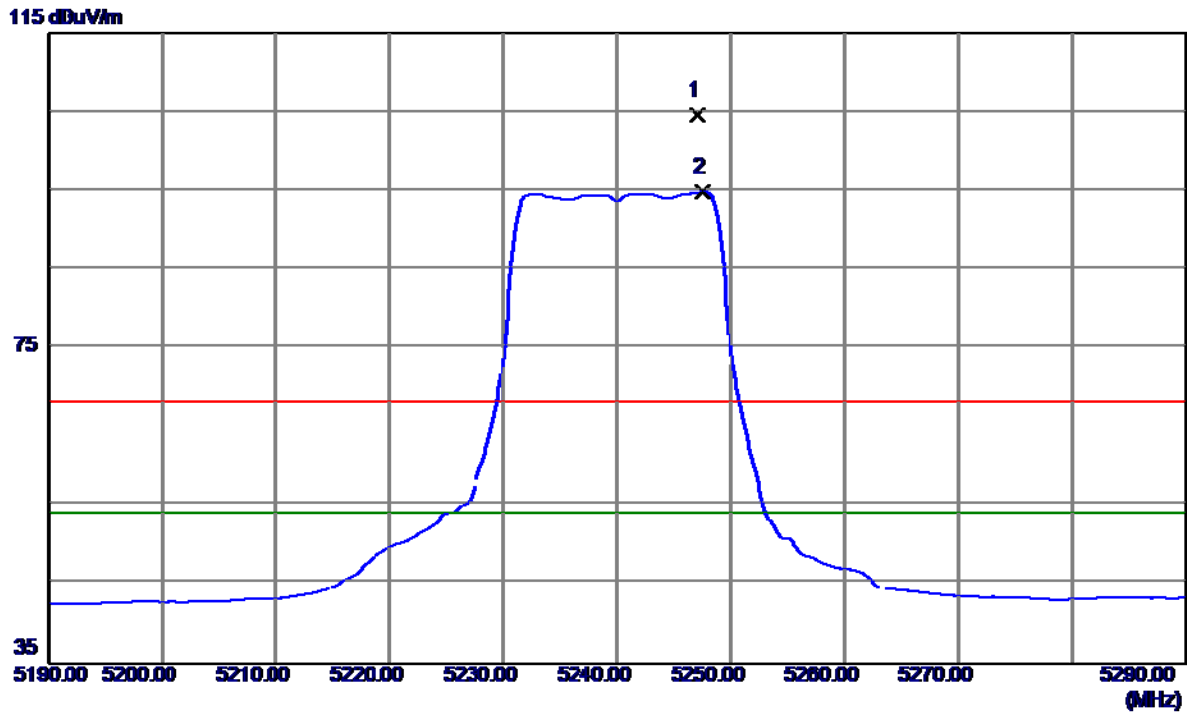
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

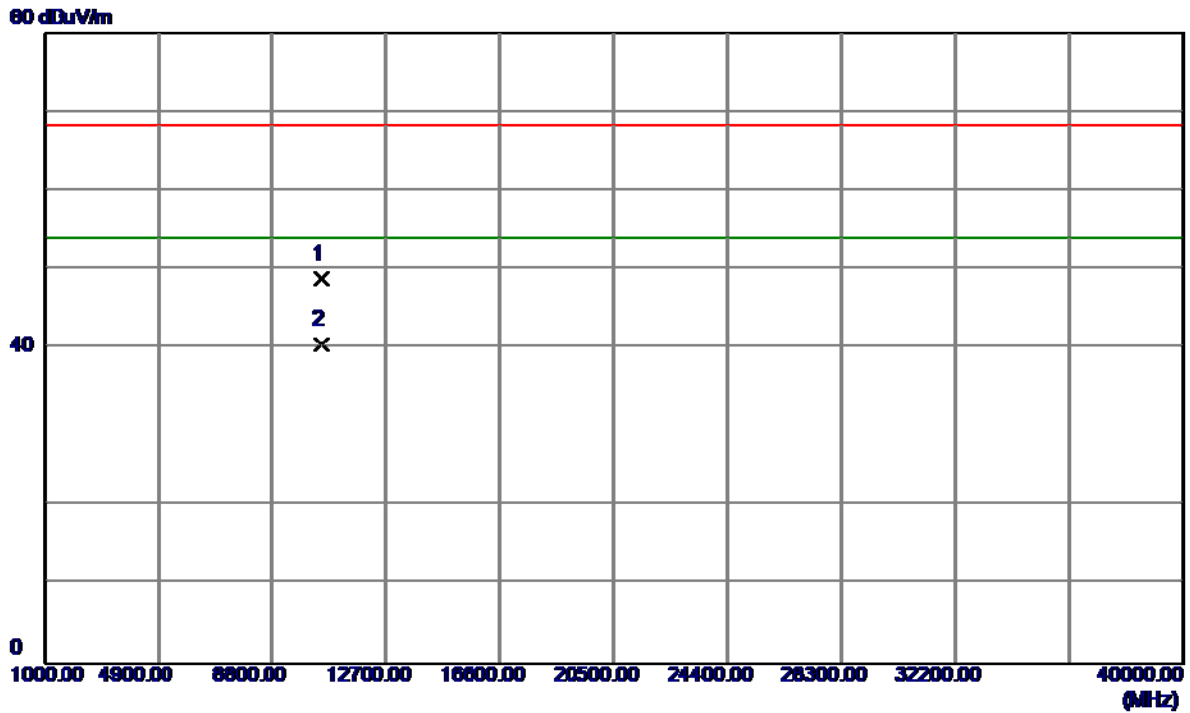
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5247.1000	63.35	41.23	104.58	68.30	36.28	Peak	No Limit
2 *	5247.6000	53.58	41.23	94.81	54.00	40.81	AVG	No Limit

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

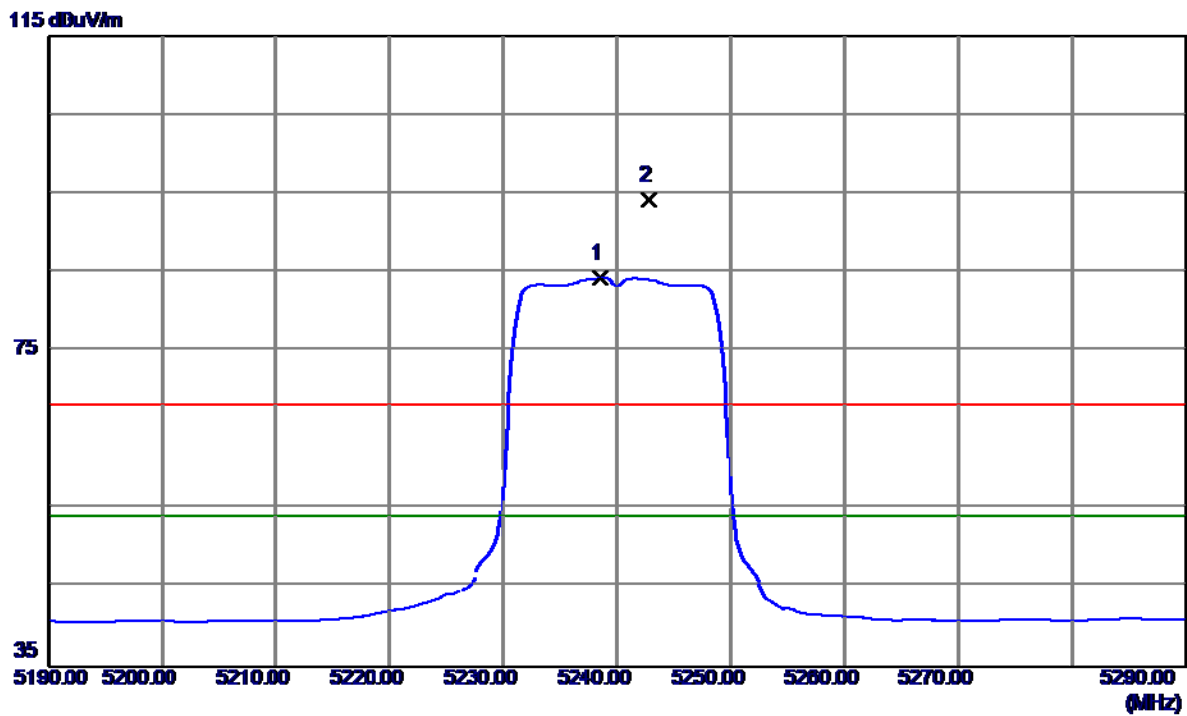
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

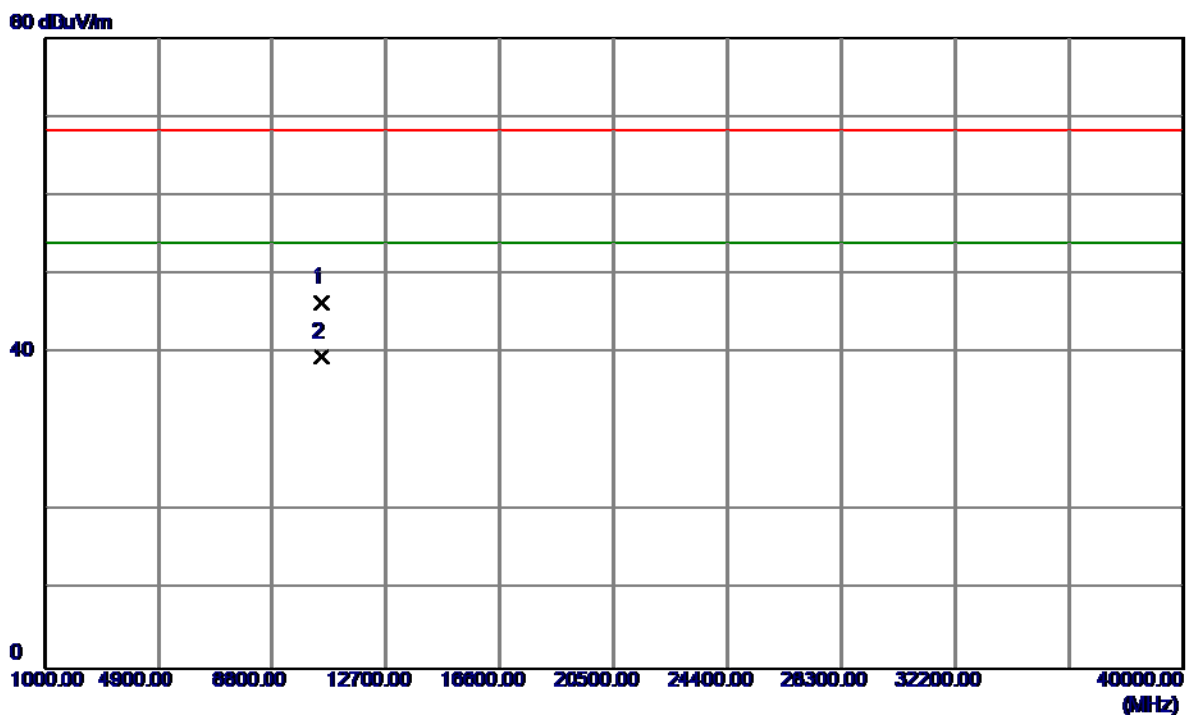
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5238.6000	43.04	41.20	84.24	54.00	30.24	AVG	No Limit
2	5242.8000	53.04	41.21	94.25	68.30	25.95	Peak	No Limit

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

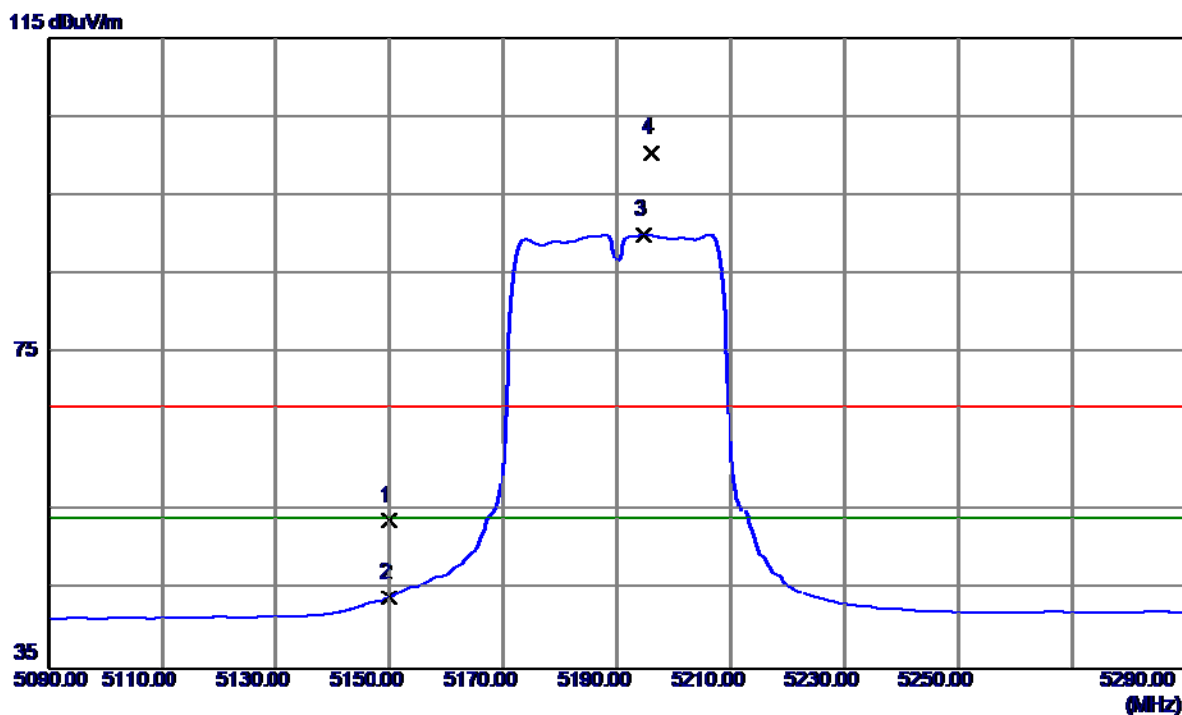
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

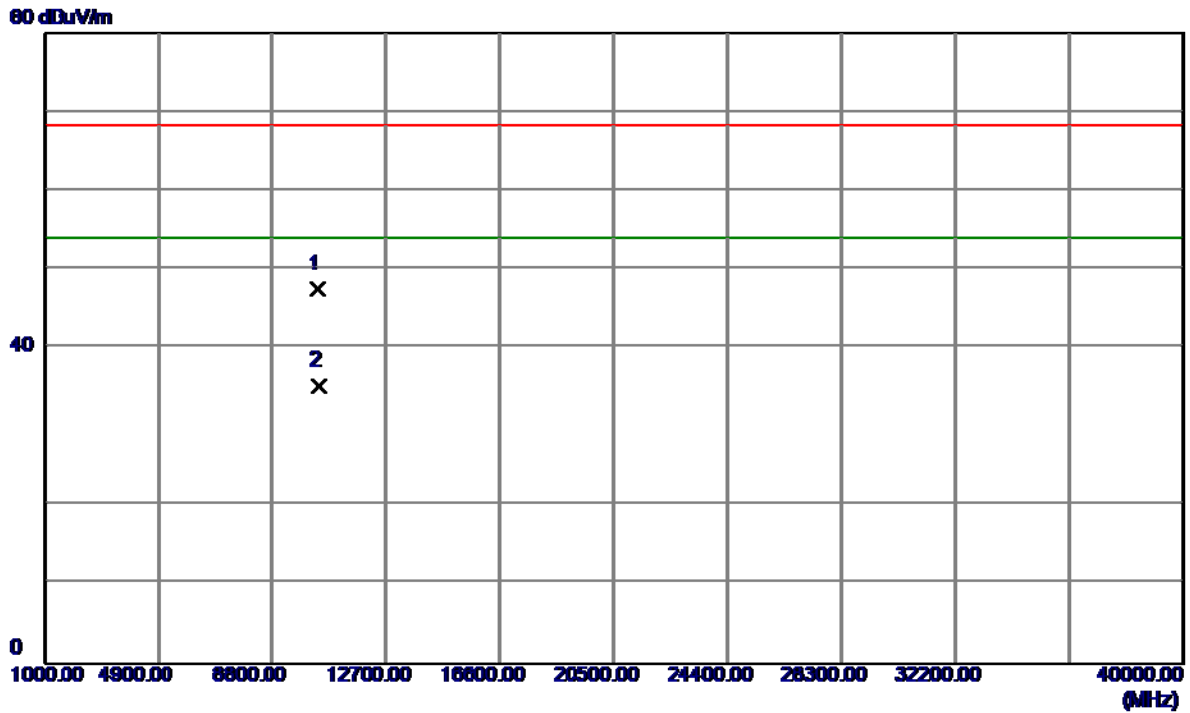
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	12.76	40.90	53.66	68.30	-14.64	Peak	
2	5150.0000	3.10	40.90	44.00	54.00	-10.00	AVG	
3 *	5194.6000	49.00	41.05	90.05	54.00	36.05	AVG	No Limit
4	5196.0000	59.46	41.06	100.52	68.30	32.22	Peak	No Limit

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

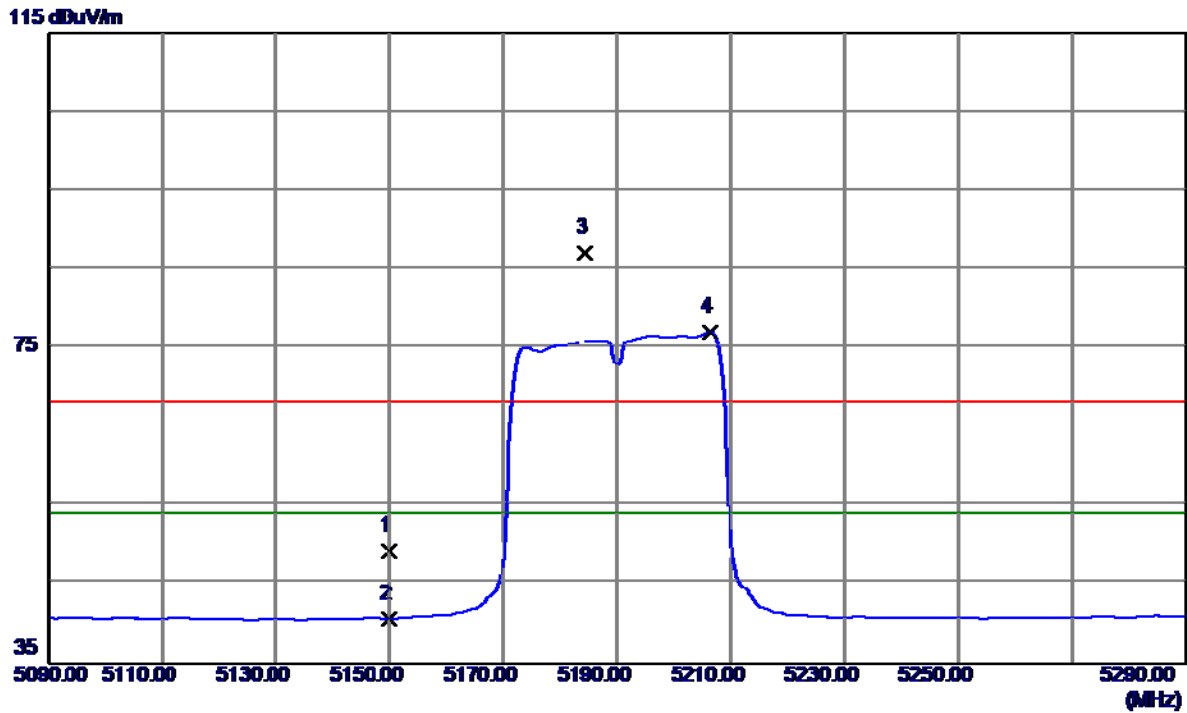
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

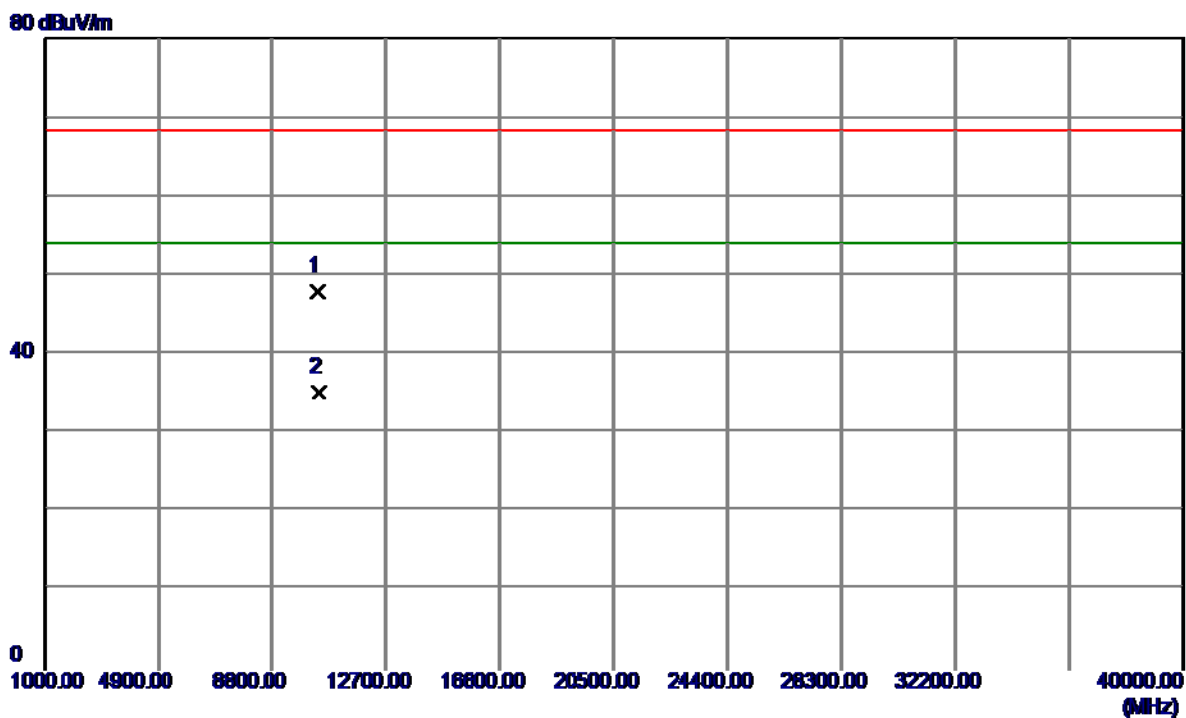
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	8.27	40.90	49.17	68.30	-19.13	Peak	
2	5150.0000	-0.27	40.90	40.63	54.00	-13.37	AVG	
3	5184.4000	46.22	41.02	87.24	68.30	18.94	Peak	No Limit
4 *	5206.4000	35.97	41.09	77.06	54.00	23.06	AVG	No Limit

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

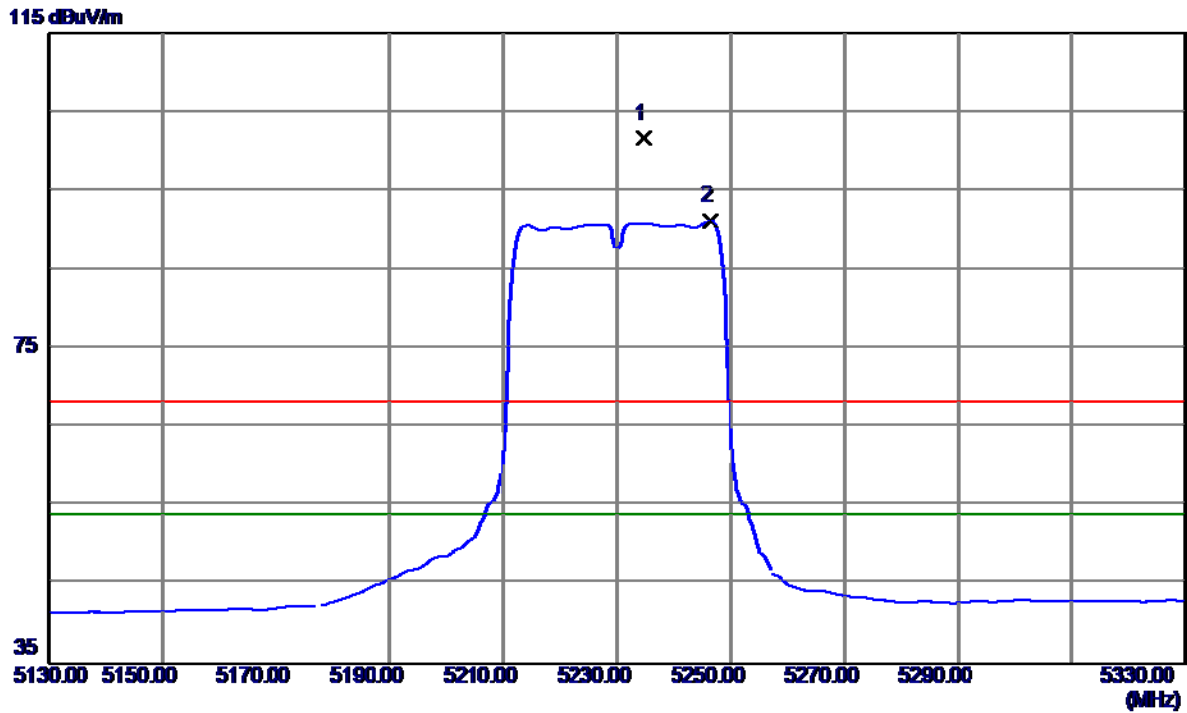
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

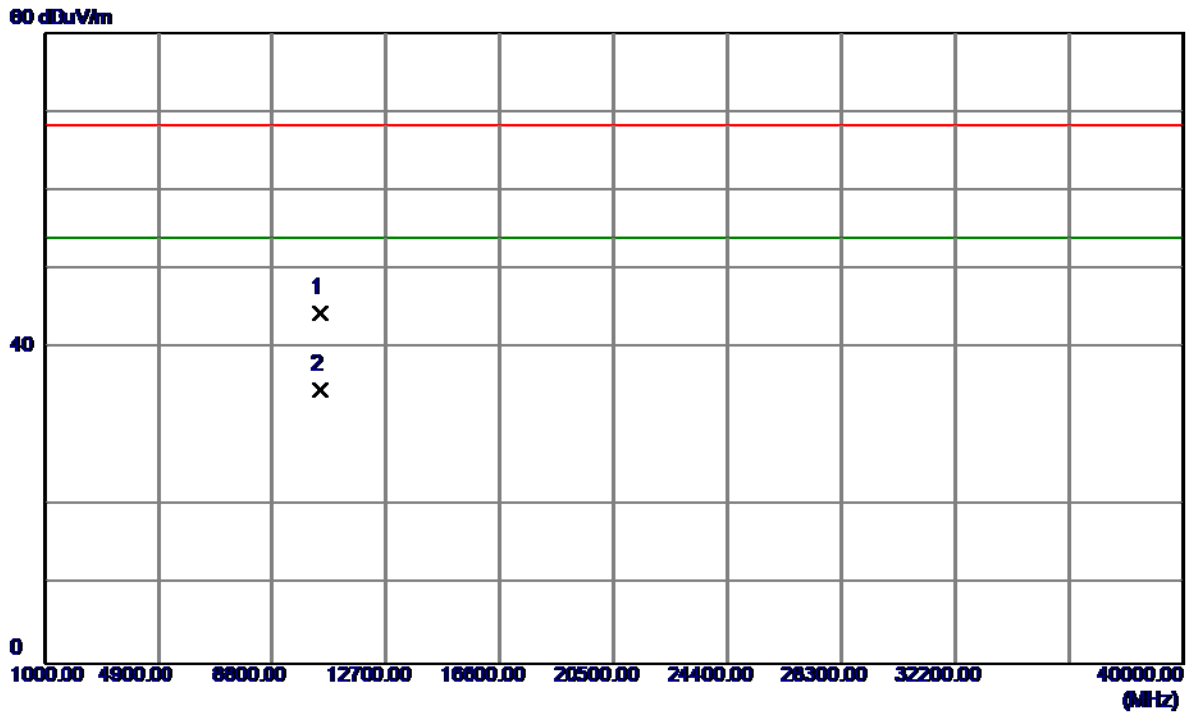
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5234.6000	60.46	41.18	101.64	68.30	33.34	Peak	No Limit
2 *	5246.4000	49.89	41.22	91.11	54.00	37.11	AVG	No Limit

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

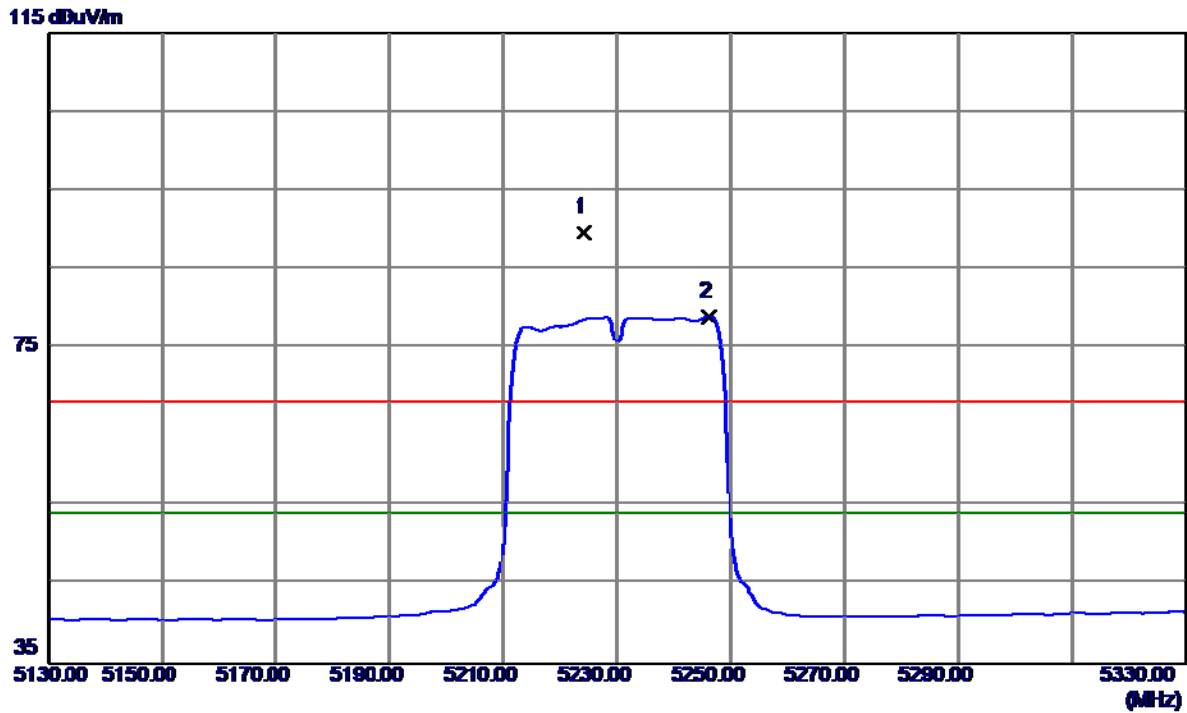
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

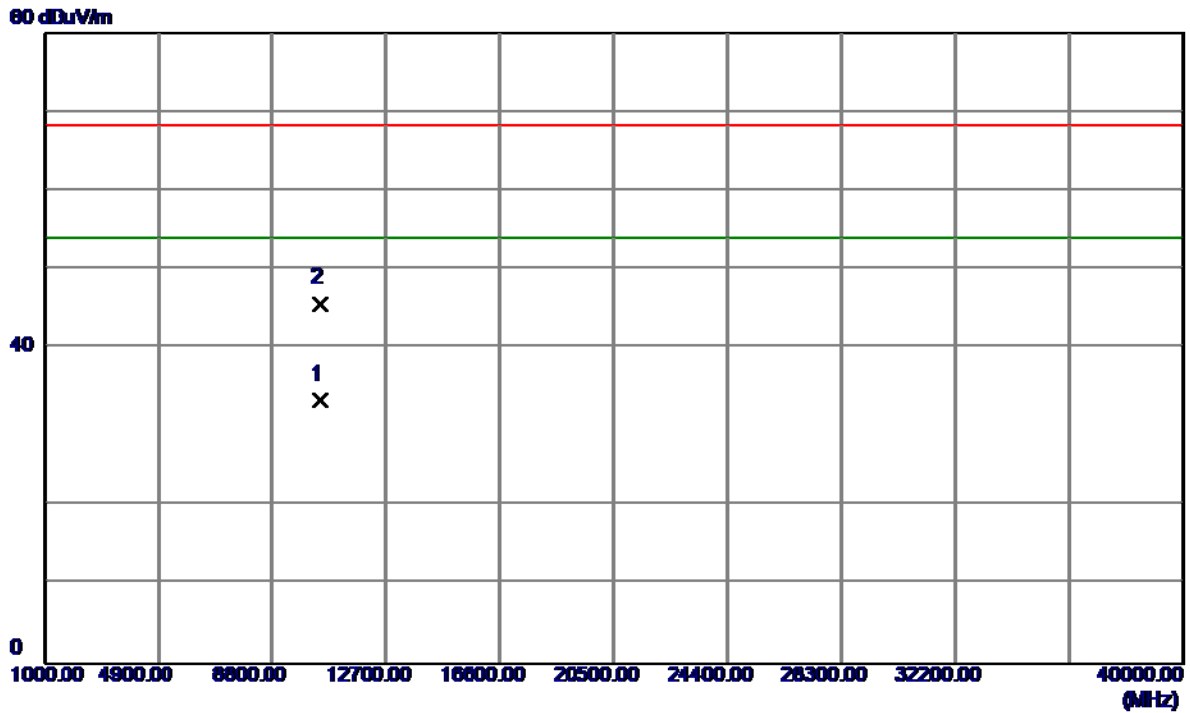
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5224.2000	48.61	41.15	89.76	68.30	21.46	Peak	No Limit
2 *	5246.2000	37.84	41.22	79.06	54.00	25.06	AVG	No Limit

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

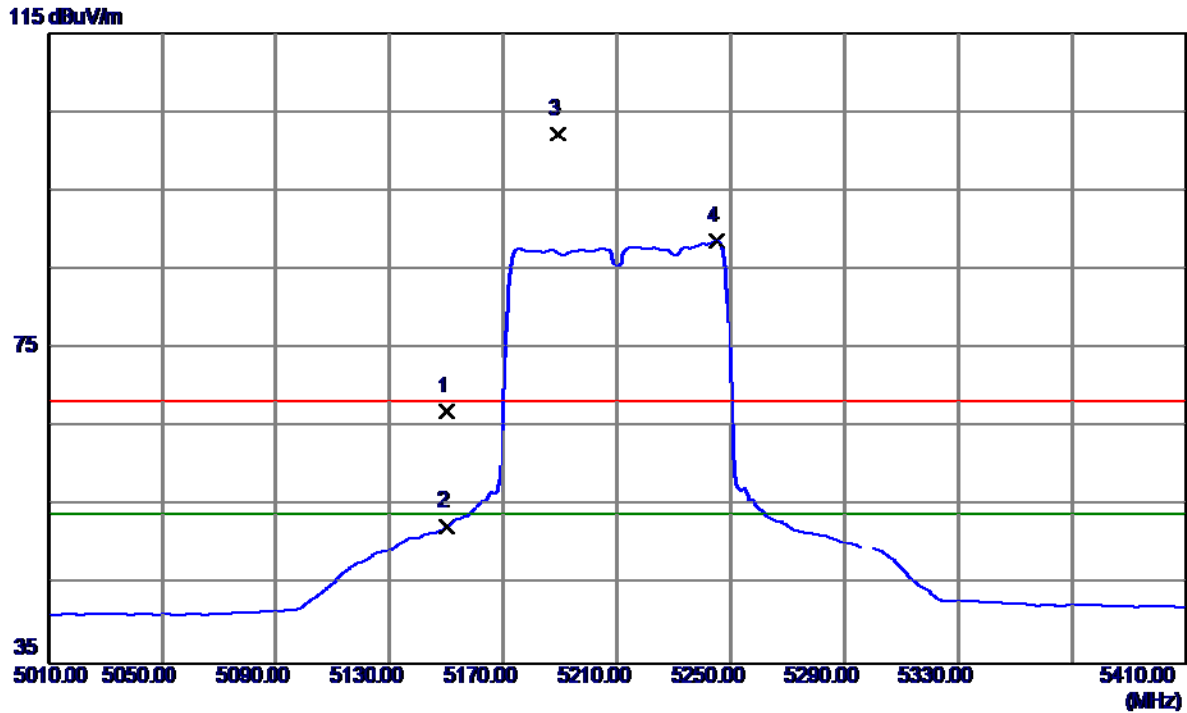
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

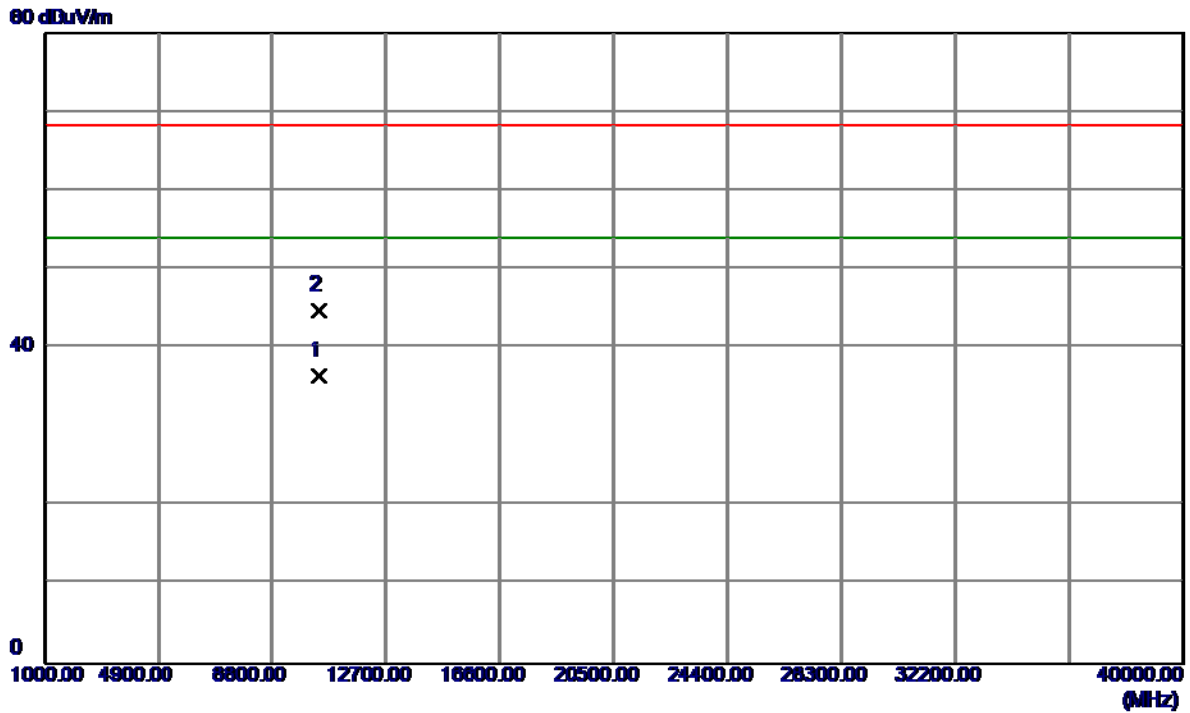
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	26.10	40.90	67.00	68.30	-1.30	Peak	
2	5150.0000	11.54	40.90	52.44	54.00	-1.56	AVG	
3	5189.2000	61.09	41.03	102.12	68.30	33.82	Peak	No Limit
4 *	5245.2000	47.37	41.22	88.59	54.00	34.59	AVG	No Limit

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

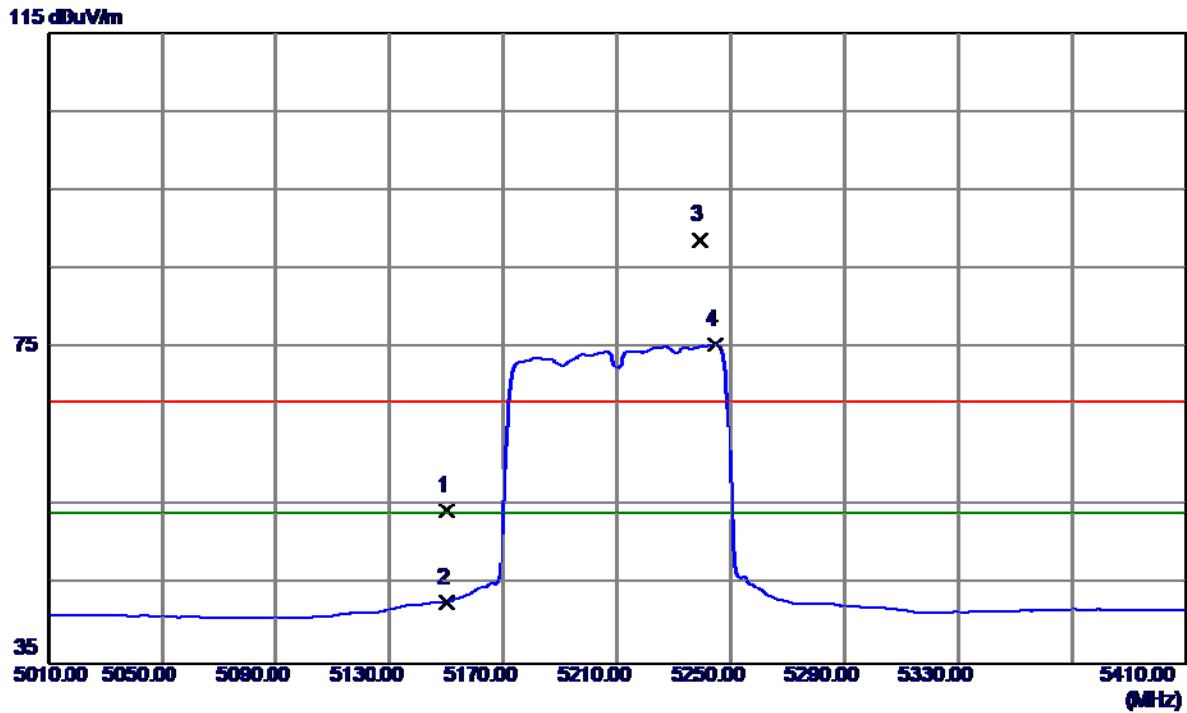
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

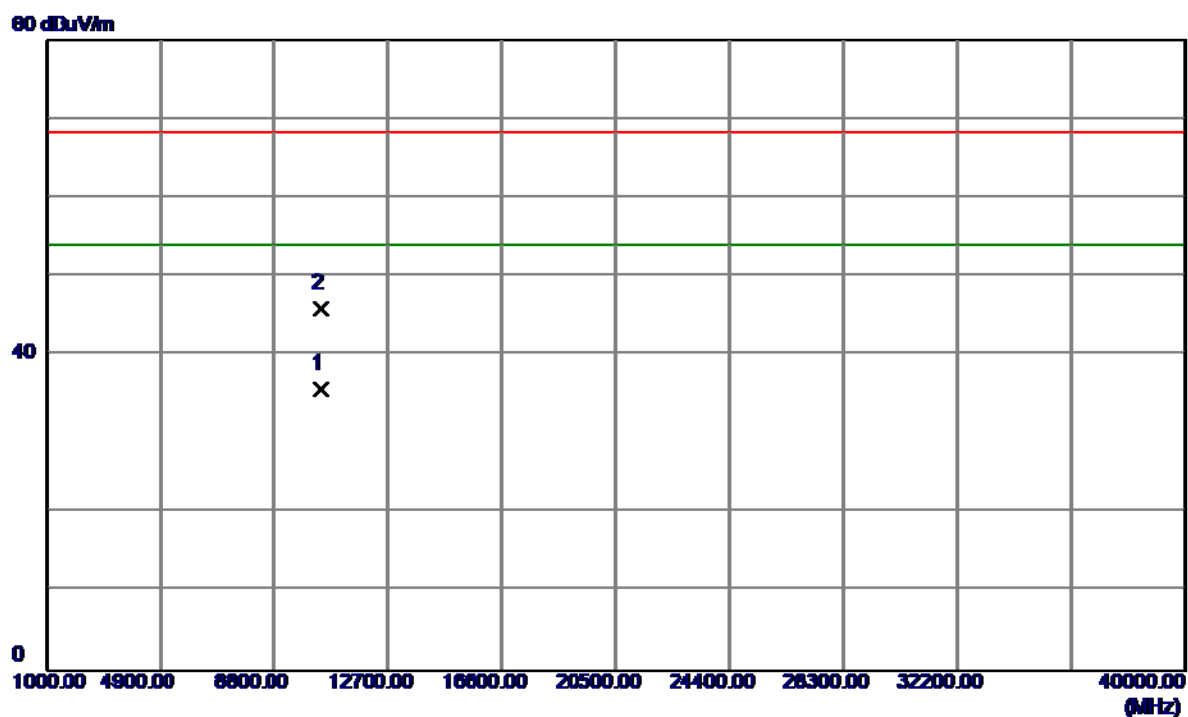
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	13.42	40.90	54.32	68.30	-13.98	Peak	
2	5150.0000	1.85	40.90	42.75	54.00	-11.25	AVG	
3	5239.2000	47.59	41.20	88.79	68.30	20.49	Peak	No Limit
4 *	5244.8000	34.21	41.22	75.43	54.00	21.43	AVG	No Limit

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

Horizontal

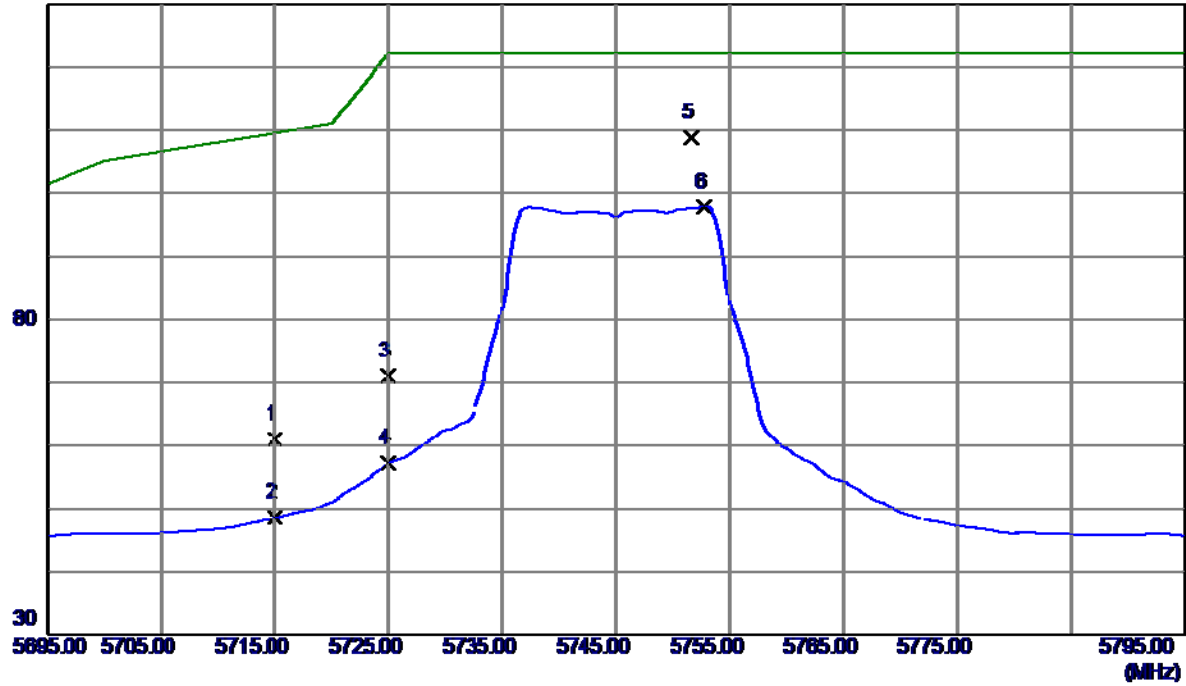


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10420.0500	24.59	11.02	35.61	54.00	-18.39	AVG	
2	10420.1900	34.87	11.02	45.89	68.30	-22.41	Peak	

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

Vertical

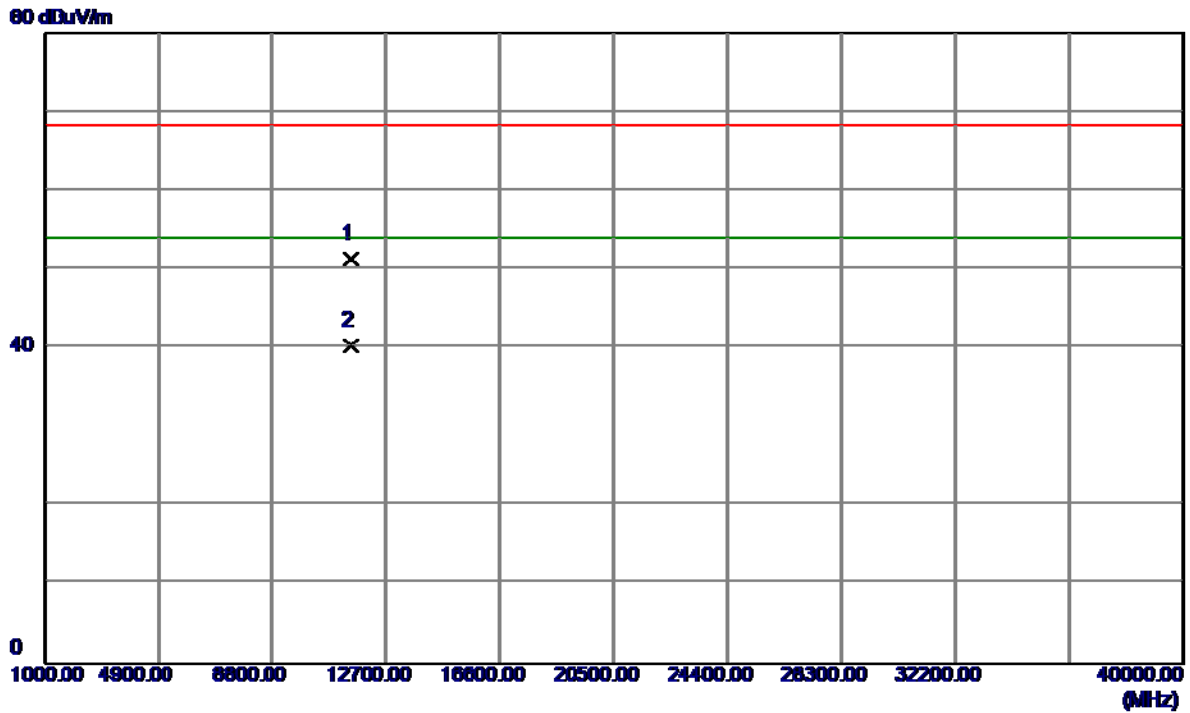
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	18.79	42.24	61.03	109.50	-48.47	Peak	
2	5715.0000	6.32	42.24	48.56	109.50	-60.94	AVG	
3	5725.0000	28.74	42.24	70.98	122.30	-51.32	Peak	
4	5725.0000	14.88	42.24	57.12	122.30	-65.18	AVG	
5 *	5751.7000	66.61	42.27	108.88	122.30	-13.42	Peak	
6	5752.8000	55.58	42.27	97.85	122.30	-24.45	AVG	

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

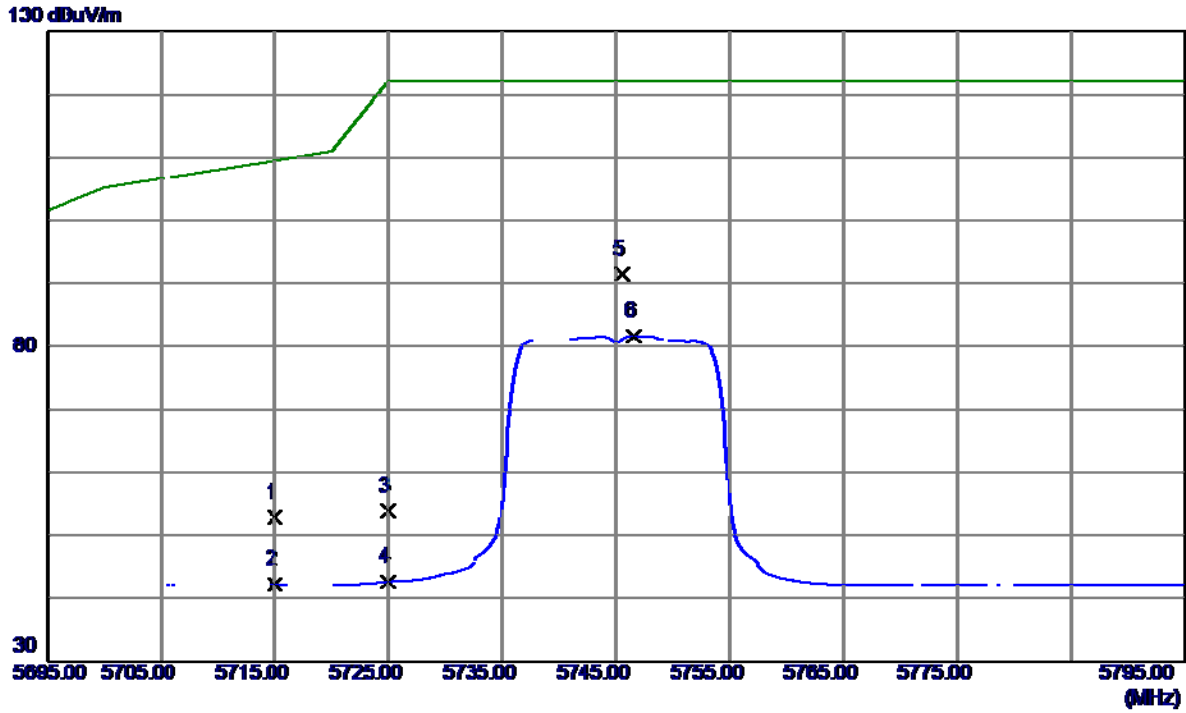
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

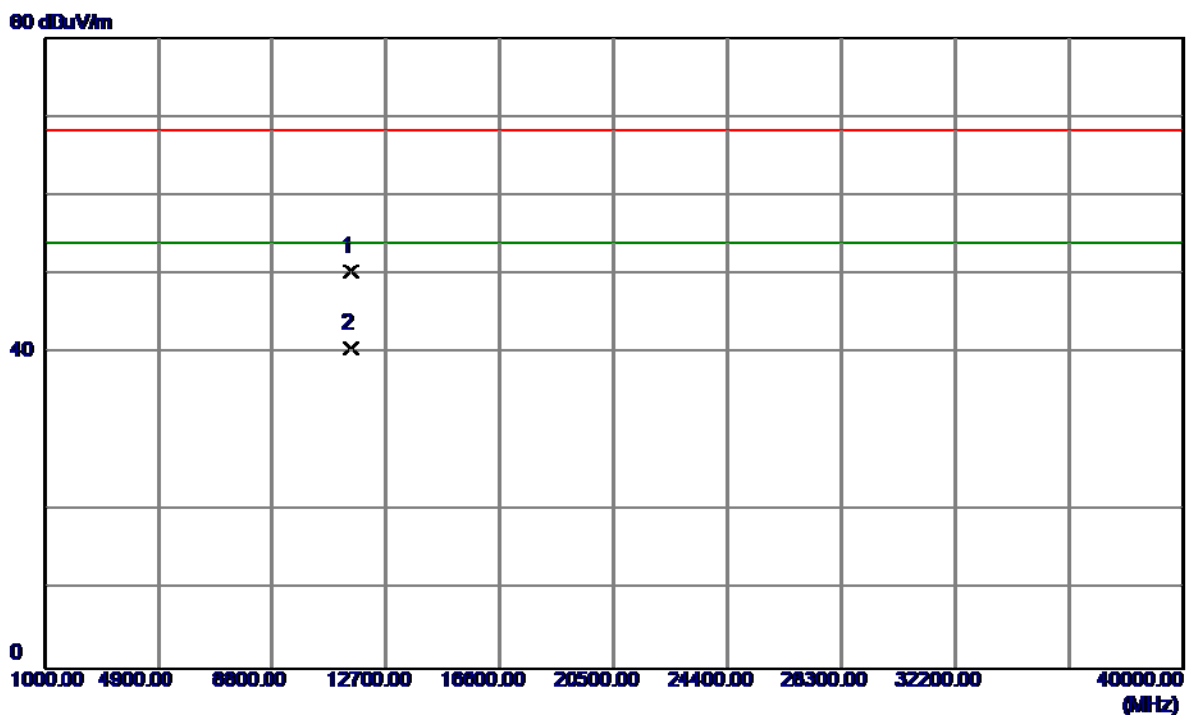
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	10.63	42.24	52.87	109.50	-56.63	Peak	
2	5715.0000	-0.13	42.24	42.11	109.50	-67.39	AVG	
3	5725.0000	11.54	42.24	53.78	122.30	-68.52	Peak	
4	5725.0000	0.43	42.24	42.67	122.30	-79.63	AVG	
5 *	5745.6000	49.13	42.26	91.39	122.30	-30.91	Peak	
6	5746.6000	39.41	42.26	81.67	122.30	-40.63	AVG	

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

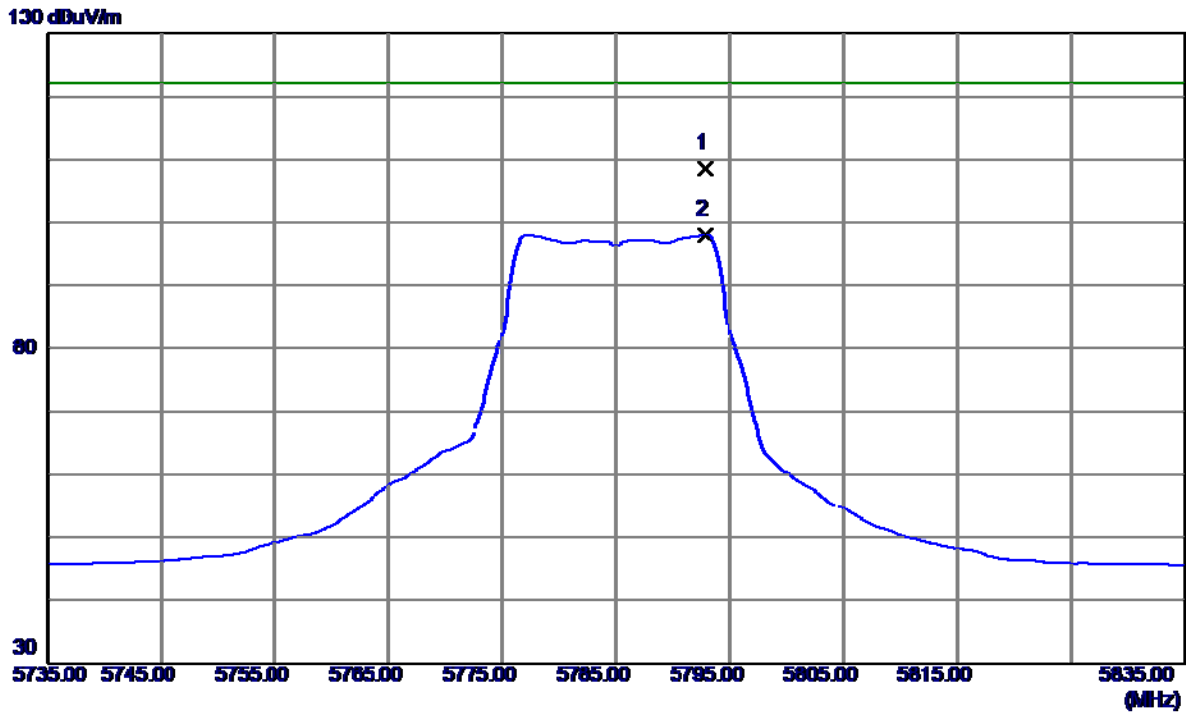
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

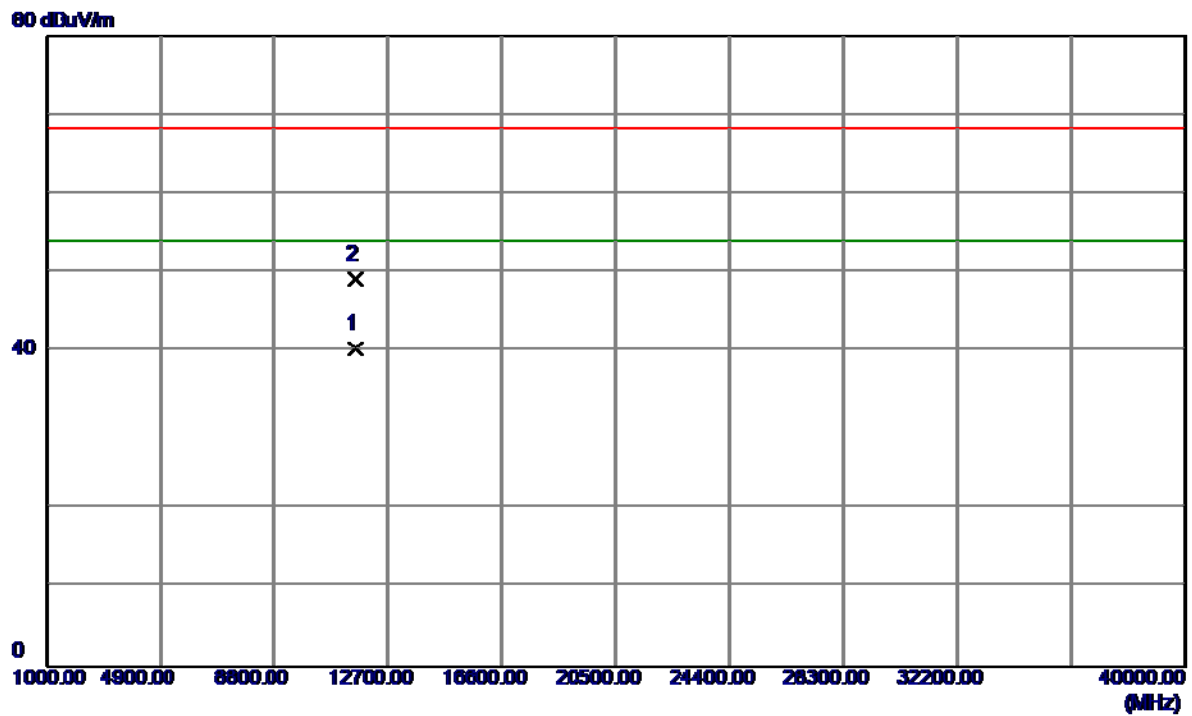
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5792.9000	66.36	42.30	108.66	122.30	-13.64	Peak	
2	5792.9000	55.78	42.30	98.08	122.30	-24.22	AVG	

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

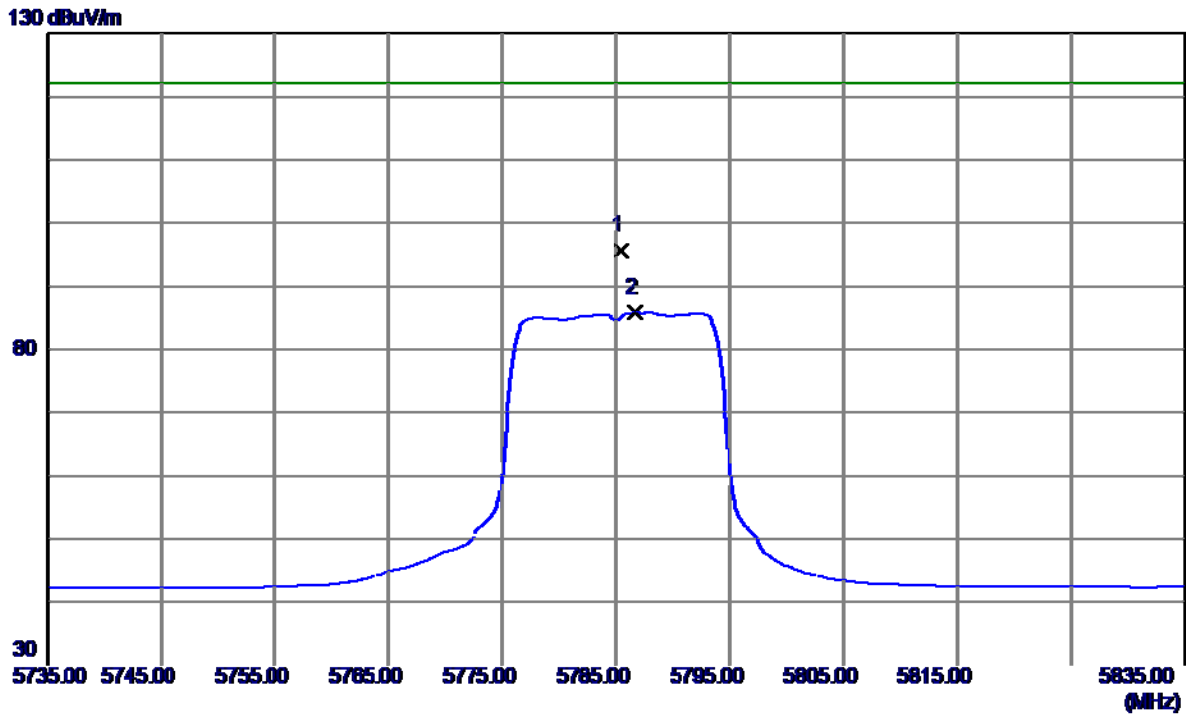
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

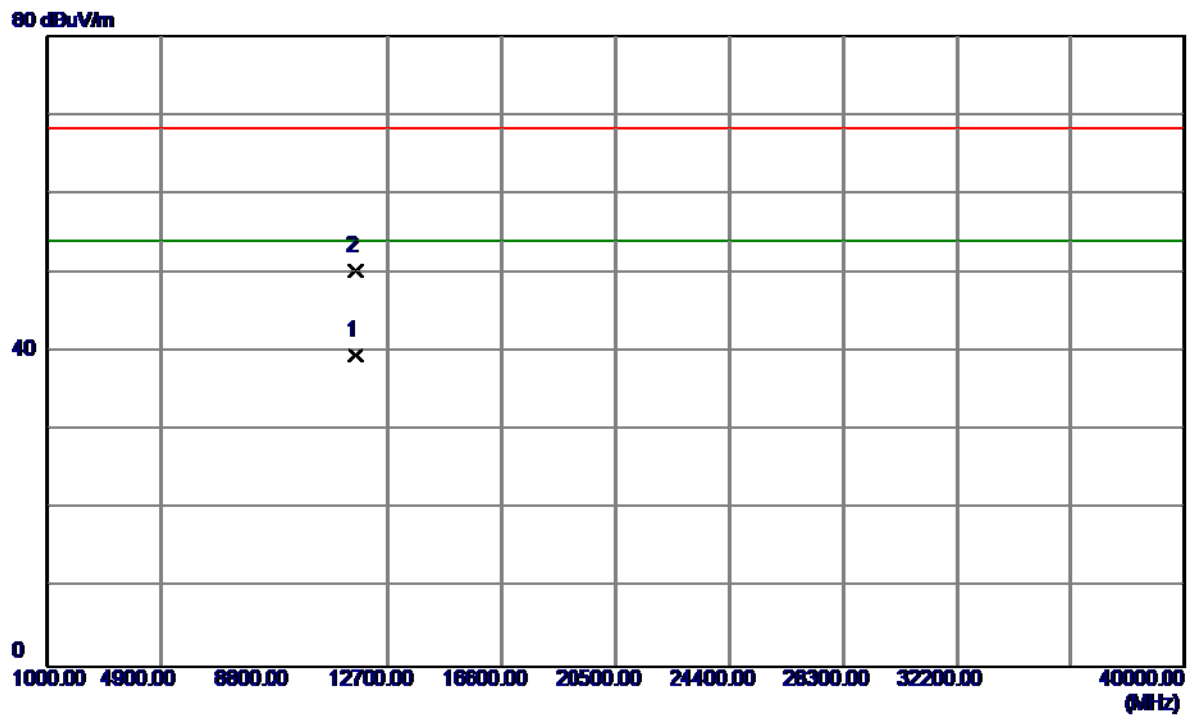
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5785.4000	53.26	42.29	95.55	122.30	-26.75	Peak	
2	5786.7000	43.47	42.29	85.76	122.30	-36.54	AVG	

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

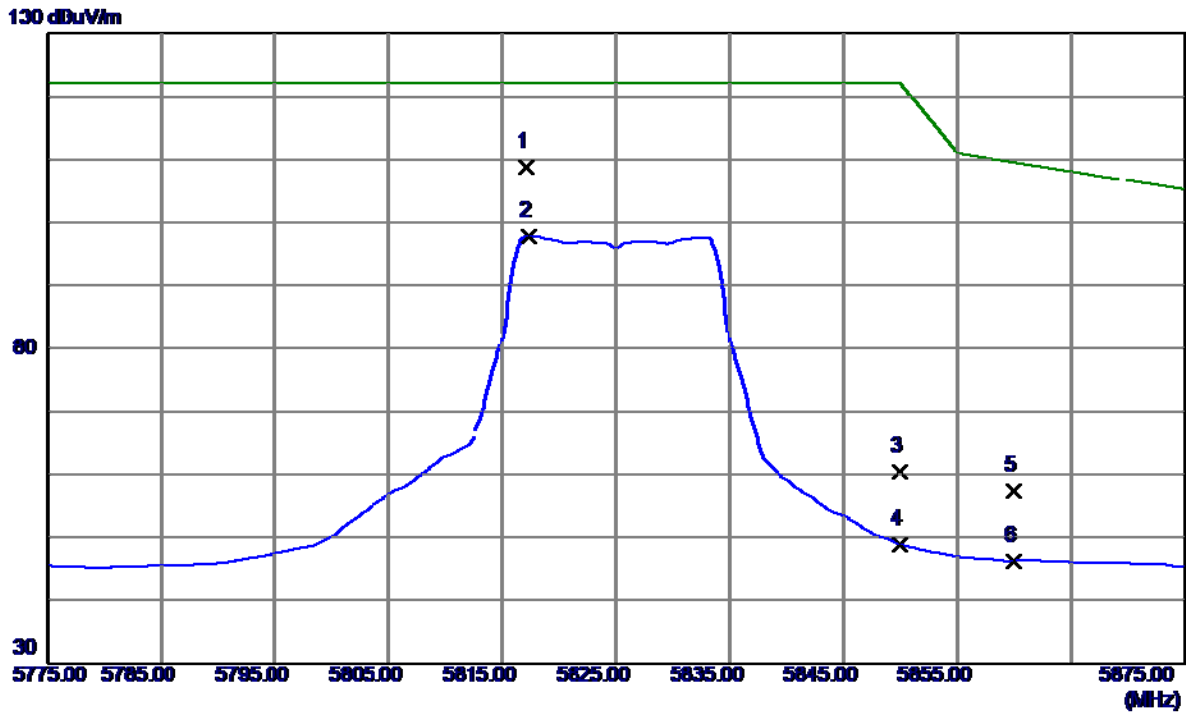
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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

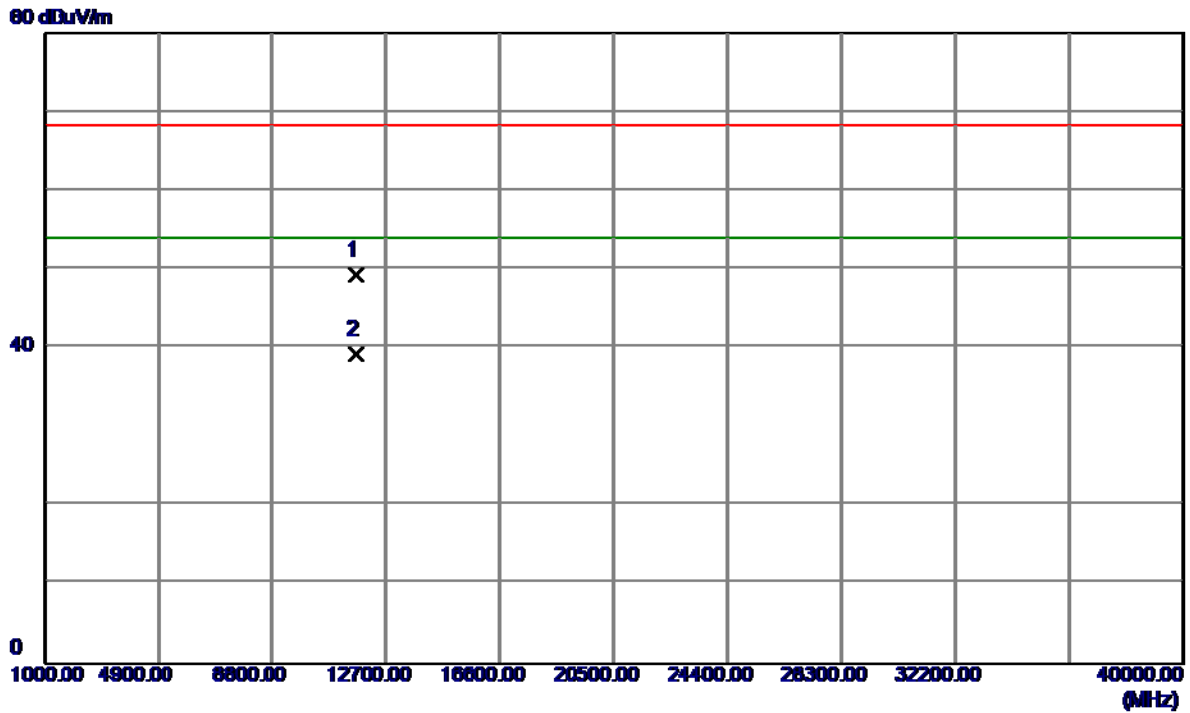
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5817.1000	66.52	42.32	108.84	122.30	-13.46	Peak	
2	5817.3000	55.53	42.32	97.85	122.30	-24.45	AVG	
3	5850.0000	18.14	42.35	60.49	122.30	-61.81	Peak	
4	5850.0000	6.48	42.35	48.83	122.30	-73.47	AVG	
5	5860.0000	14.98	42.36	57.34	109.50	-52.16	Peak	
6	5860.0000	3.93	42.36	46.29	109.50	-63.21	AVG	

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

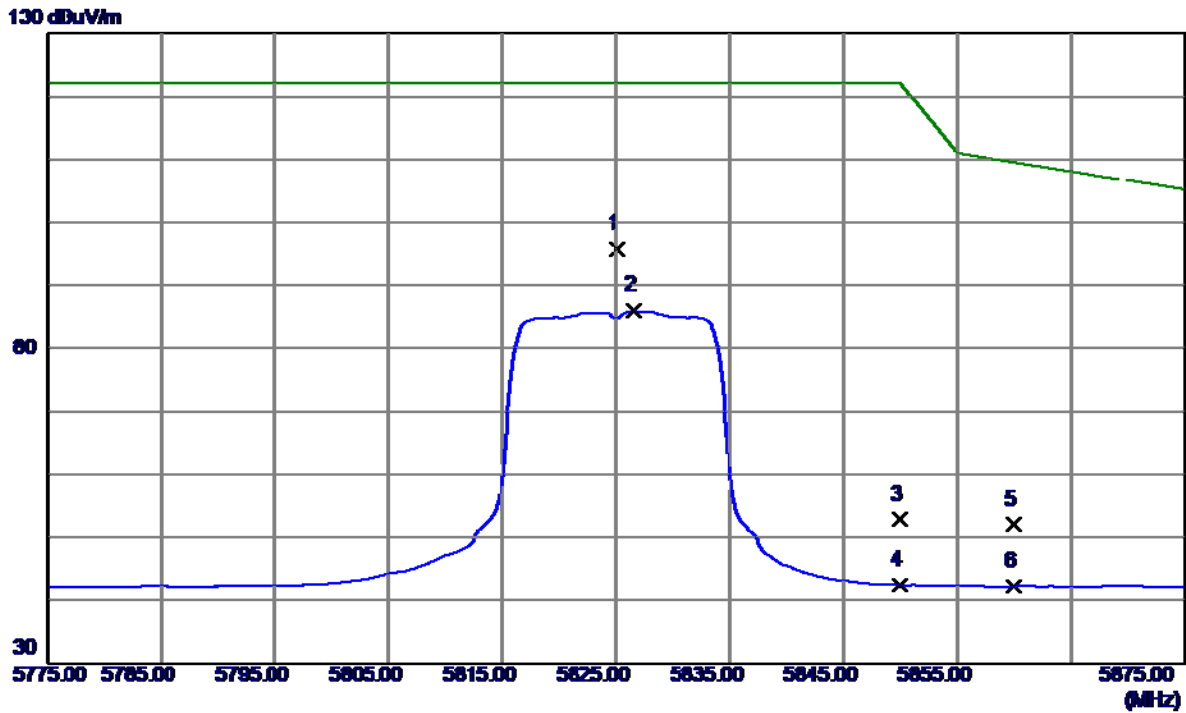
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	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

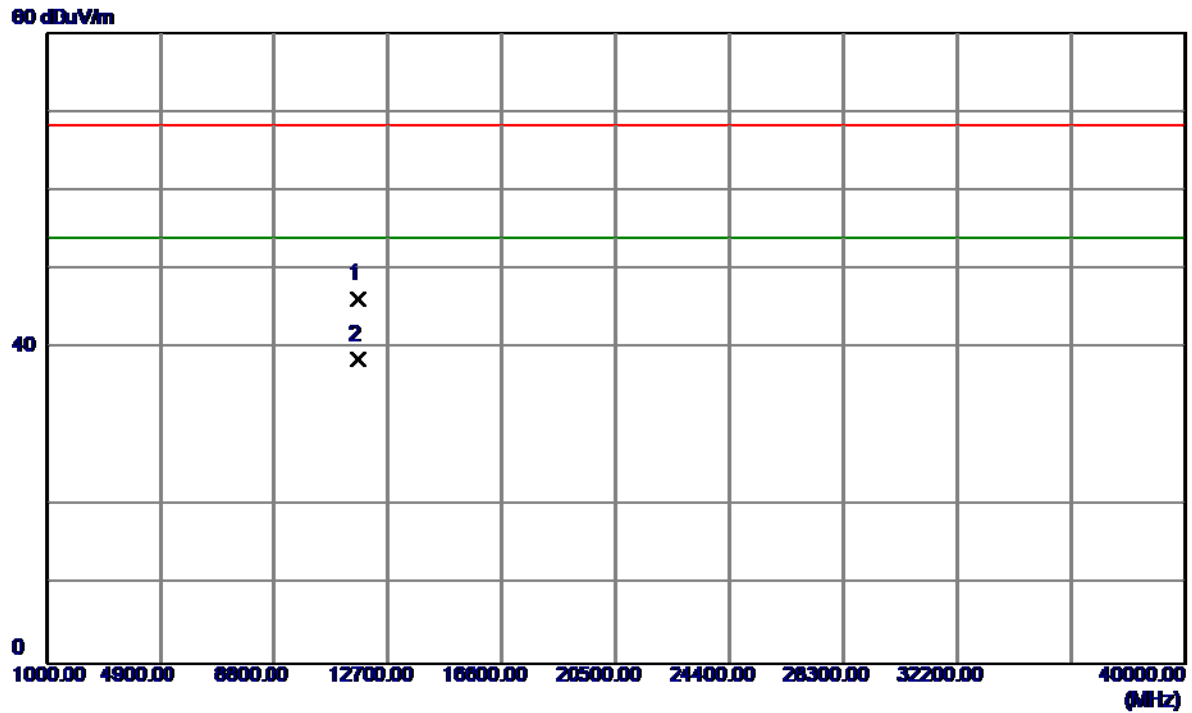
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5825.1000	53.47	42.33	95.80	122.30	-26.50	Peak	
2	5826.6000	43.58	42.33	85.91	122.30	-36.39	AVG	
3	5850.0000	10.40	42.35	52.75	122.30	-69.55	Peak	
4	5850.0000	0.12	42.35	42.47	122.30	-79.83	AVG	
5	5860.0000	9.65	42.36	52.01	109.50	-57.49	Peak	
6	5860.0000	-0.07	42.36	42.29	109.50	-67.21	AVG	

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

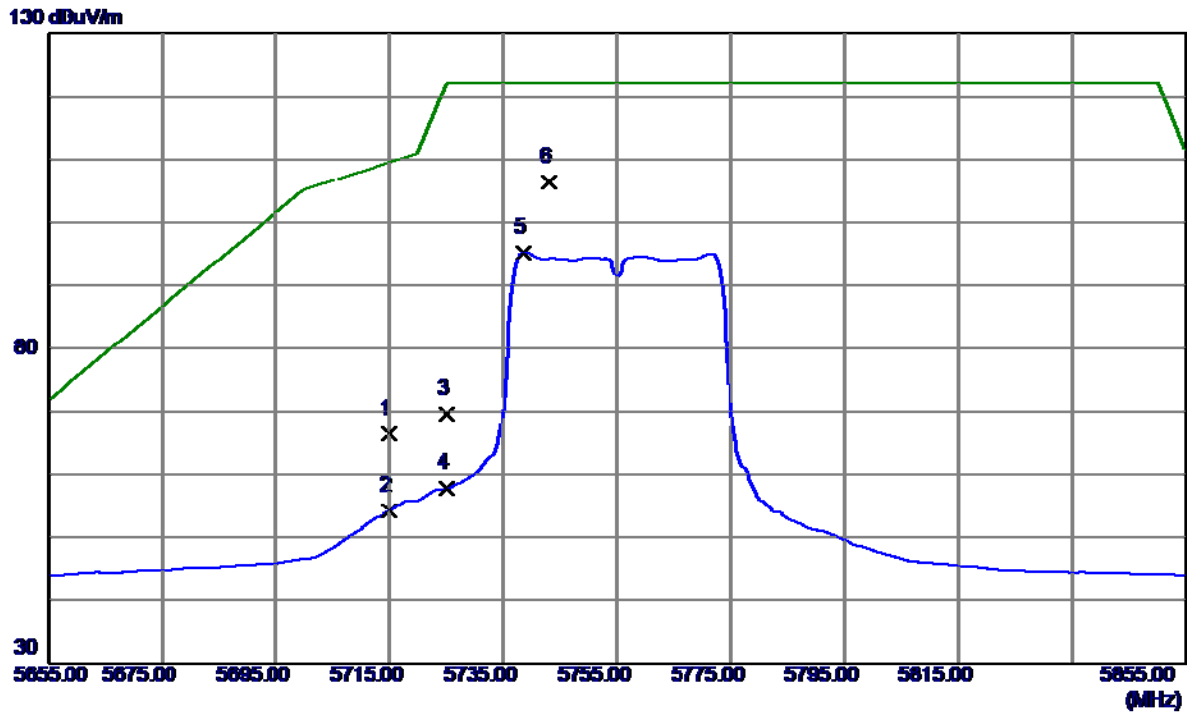
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

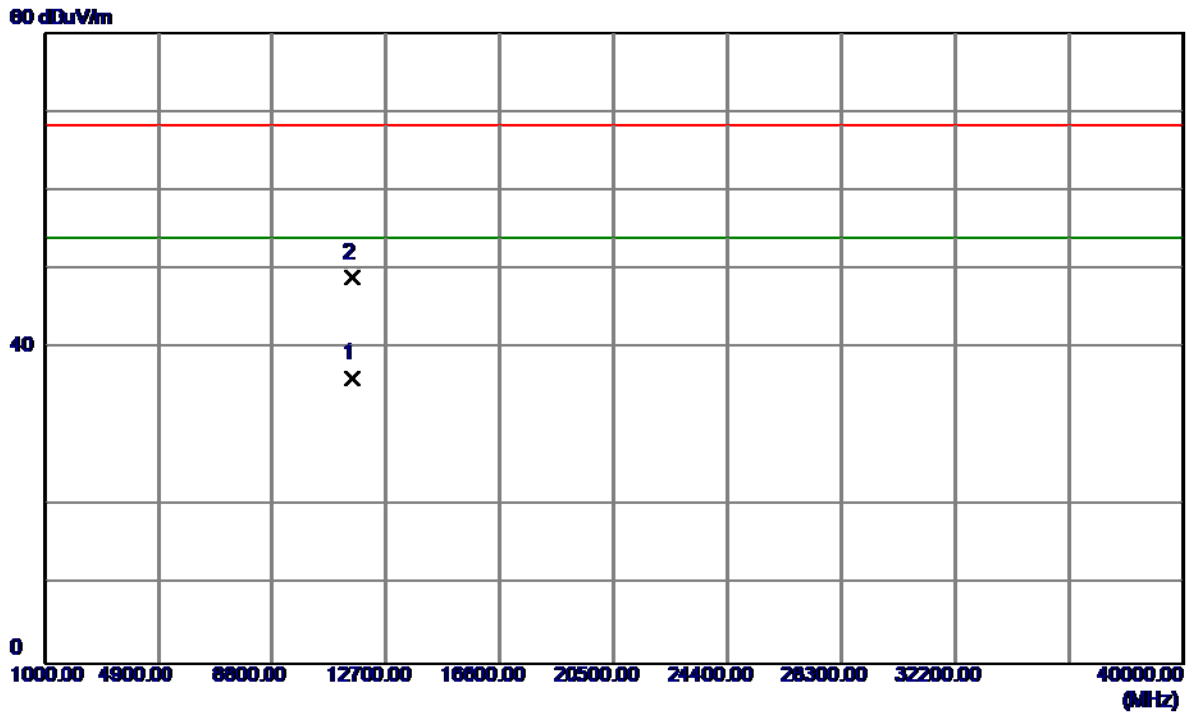
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	24.11	42.24	66.35	109.50	-43.15	Peak	
2	5715.0000	12.05	42.24	54.29	109.50	-55.21	AVG	
3	5725.0000	27.36	42.24	69.60	122.30	-52.70	Peak	
4	5725.0000	15.48	42.24	57.72	122.30	-64.58	AVG	
5	5738.6000	53.03	42.26	95.29	122.30	-27.01	AVG	
6 *	5743.0000	64.07	42.26	106.33	122.30	-15.97	Peak	

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

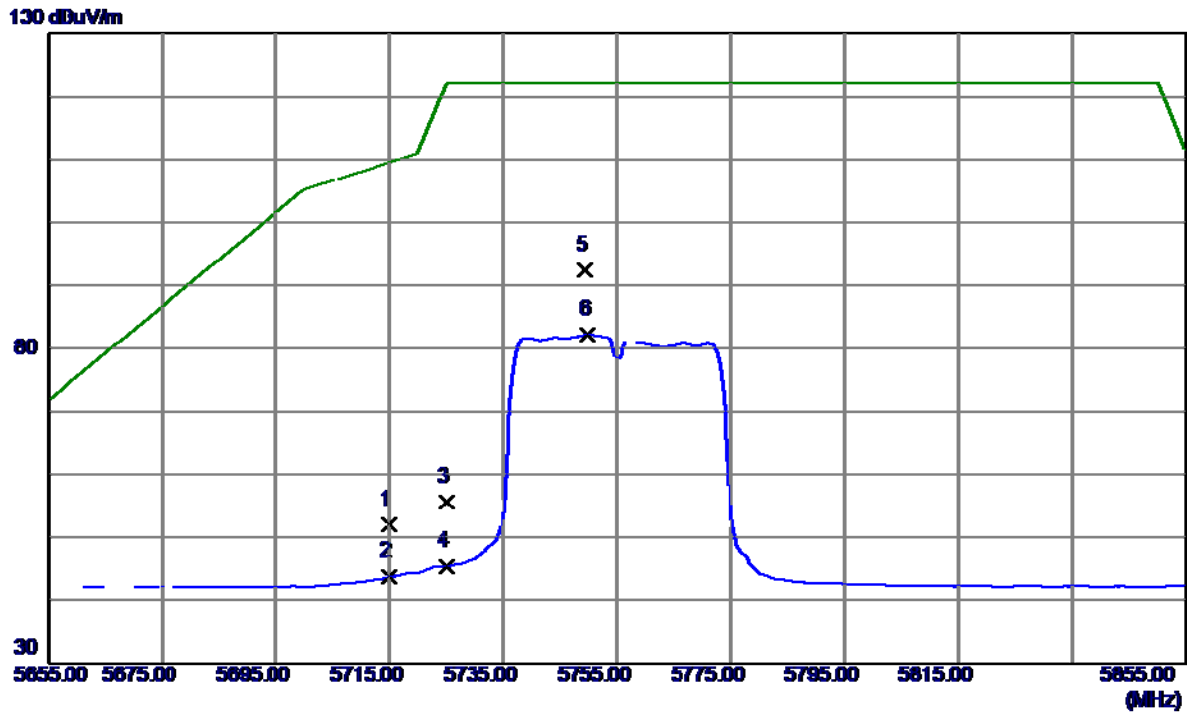
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	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

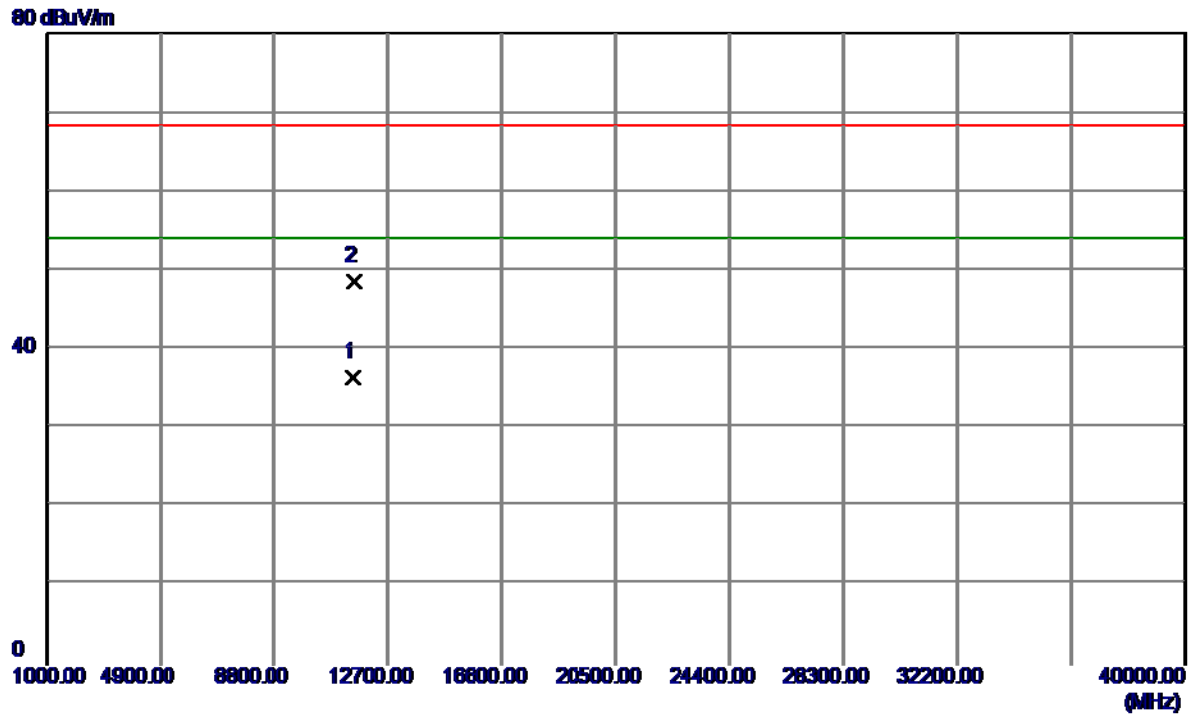
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	9.84	42.24	52.08	109.50	-57.42	Peak	
2	5715.0000	1.52	42.24	43.76	109.50	-65.74	AVG	
3	5725.0000	13.33	42.24	55.57	122.30	-66.73	Peak	
4	5725.0000	3.21	42.24	45.45	122.30	-76.85	AVG	
5 *	5749.4000	50.08	42.26	92.34	122.30	-29.96	Peak	
6	5750.0000	39.90	42.26	82.16	122.30	-40.14	AVG	

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

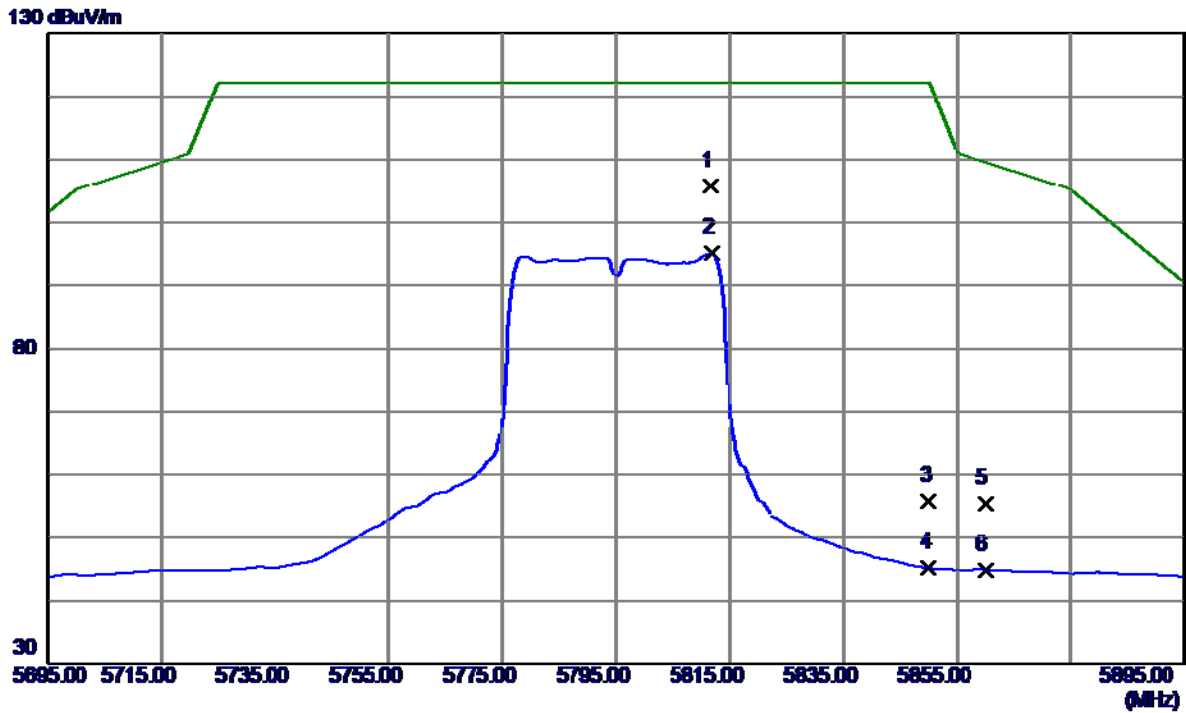
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

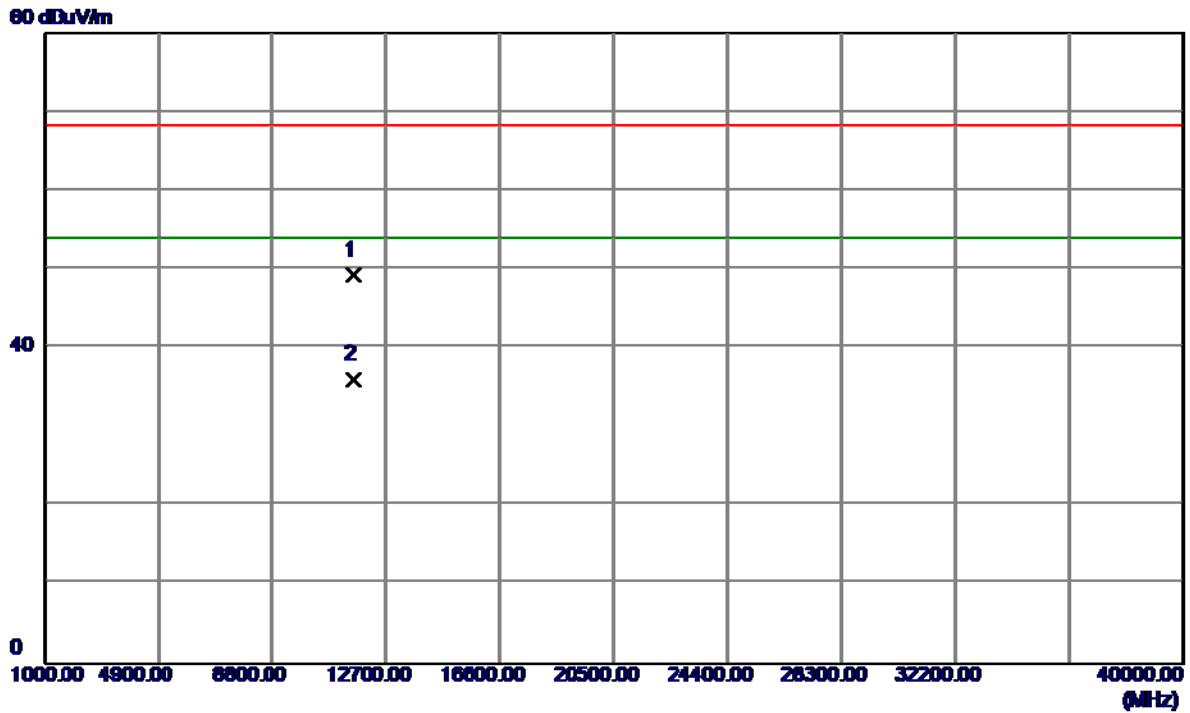
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5811.6000	63.47	42.32	105.79	122.30	-16.51	Peak	
2	5811.8000	52.84	42.32	95.16	122.30	-27.14	AVG	
3	5850.0000	13.47	42.35	55.82	122.30	-66.48	Peak	
4	5850.0000	2.78	42.35	45.13	122.30	-77.17	AVG	
5	5860.0000	13.12	42.36	55.48	109.50	-54.02	Peak	
6	5860.0000	2.53	42.36	44.89	109.50	-64.61	AVG	

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

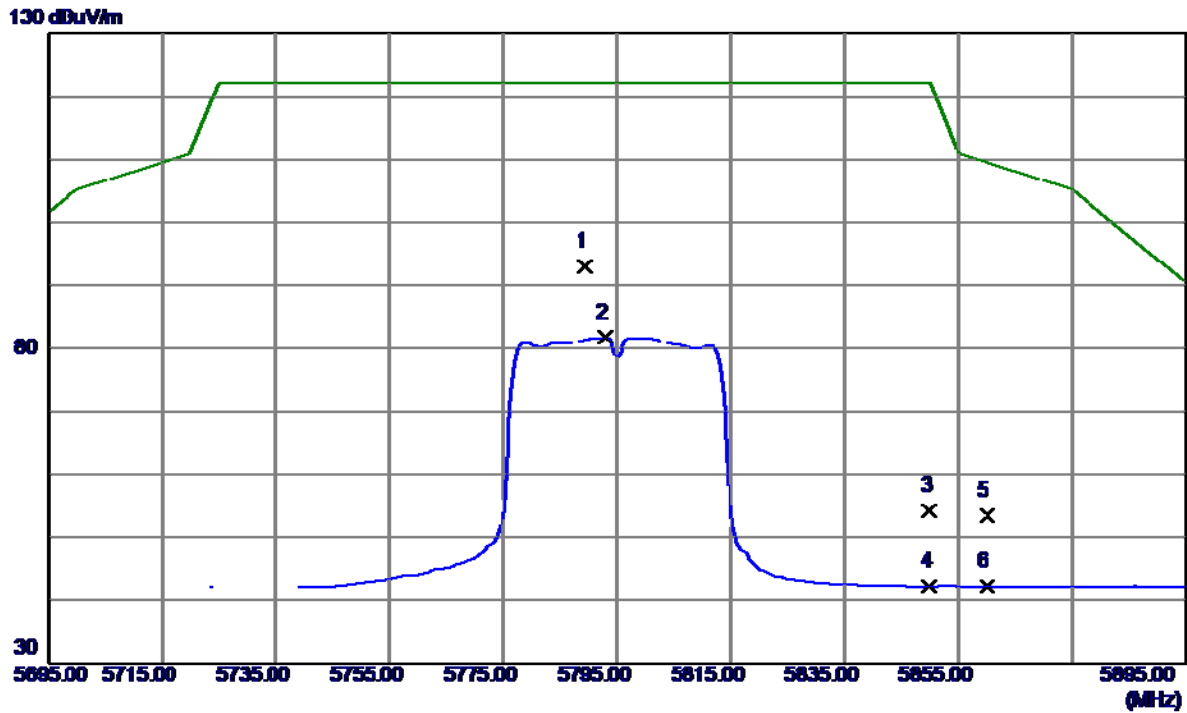
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

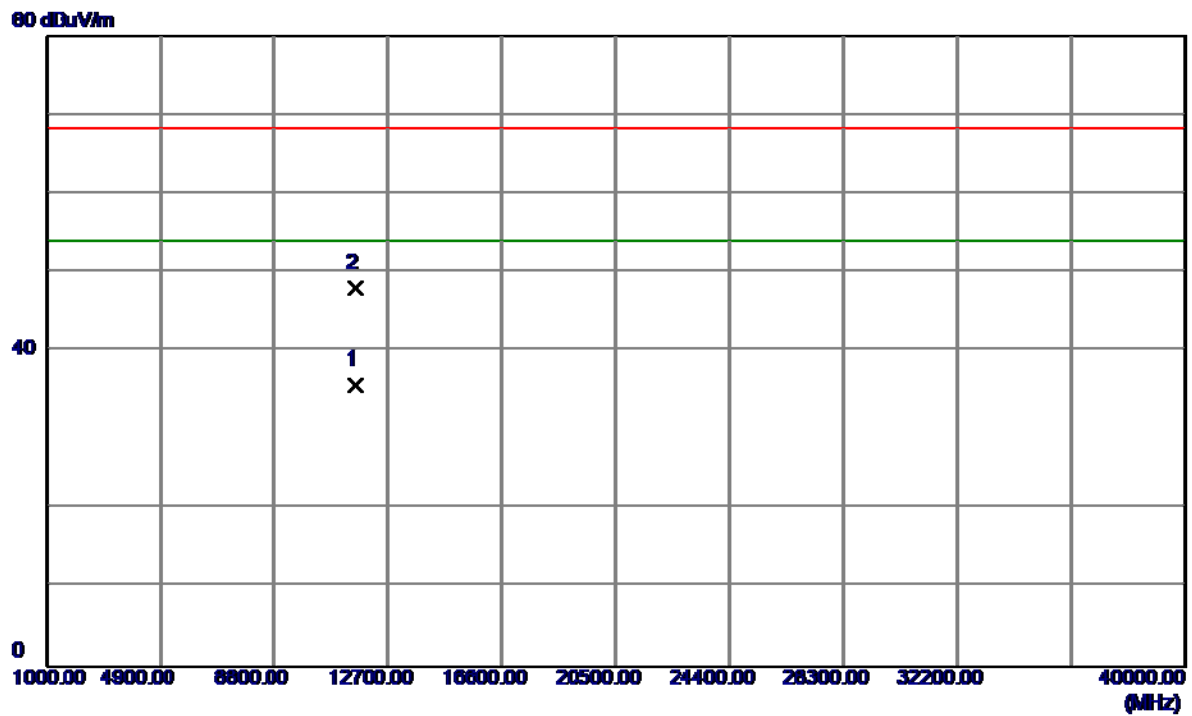
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5789.4000	50.66	42.30	92.96	122.30	-29.34	Peak	
2	5793.0000	39.40	42.30	81.70	122.30	-40.60	AVG	
3	5850.0000	11.76	42.35	54.11	122.30	-68.19	Peak	
4	5850.0000	-0.09	42.35	42.26	122.30	-80.04	AVG	
5	5860.0000	10.95	42.36	53.31	109.50	-56.19	Peak	
6	5860.0000	-0.13	42.36	42.23	109.50	-67.27	AVG	

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

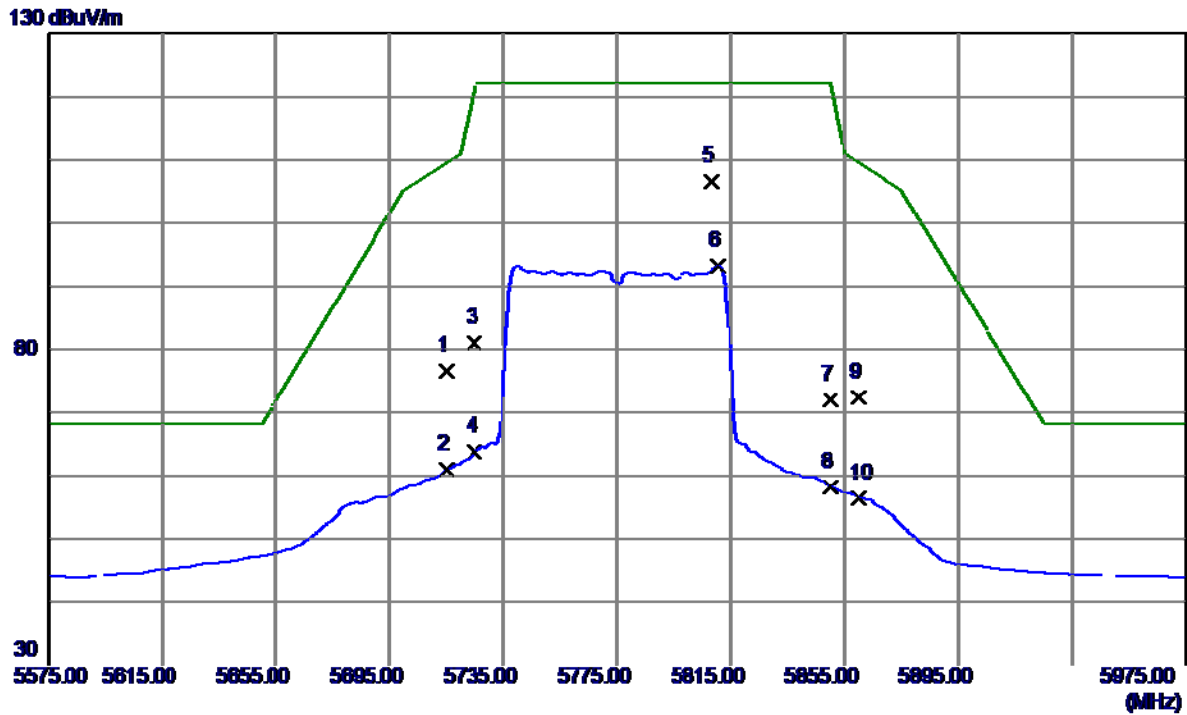
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11588.4200	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

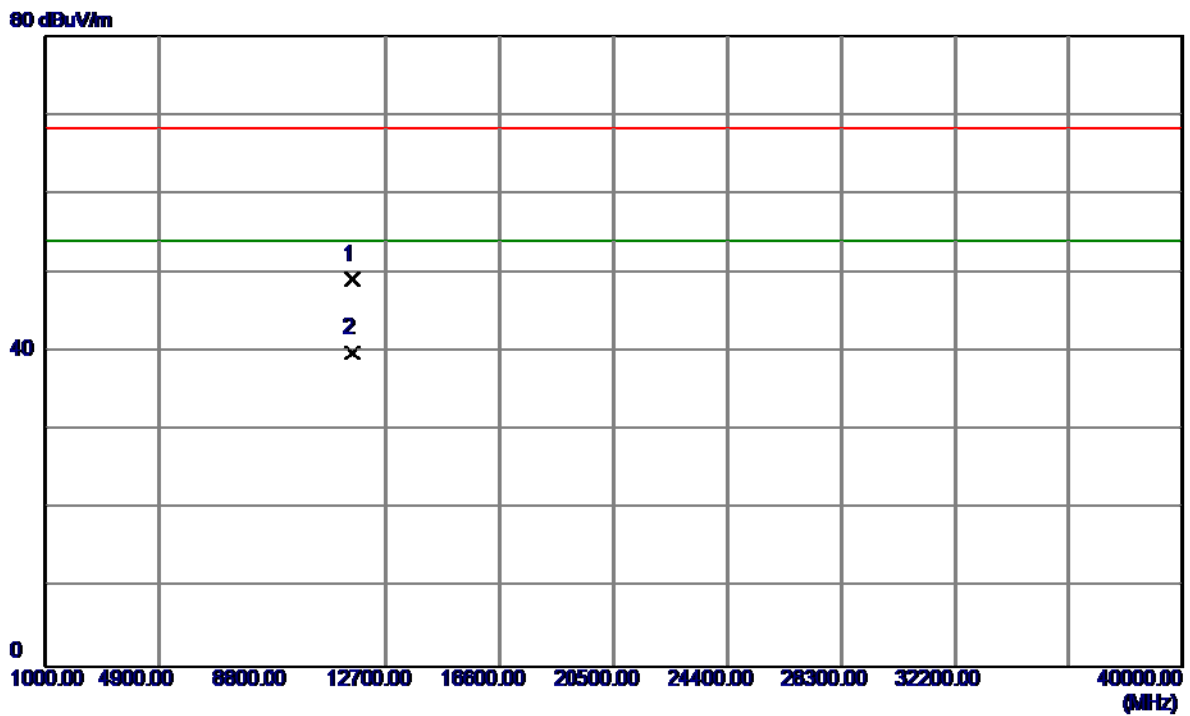
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	34.35	42.24	76.59	109.50	-32.91	Peak	
2	5715.0000	18.75	42.24	60.99	109.50	-48.51	AVG	
3	5725.0000	38.76	42.24	81.00	122.30	-41.30	Peak	
4	5725.0000	21.65	42.24	63.89	122.30	-58.41	AVG	
5 *	5808.2000	64.24	42.31	106.55	122.30	-15.75	Peak	
6	5810.6000	50.85	42.31	93.16	122.30	-29.14	AVG	
7	5850.0000	29.61	42.35	71.96	122.30	-50.34	Peak	
8	5850.0000	15.87	42.35	58.22	122.30	-64.08	AVG	
9	5860.0000	30.10	42.36	72.46	109.50	-37.04	Peak	
10	5860.0000	14.03	42.36	56.39	109.50	-53.11	AVG	

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

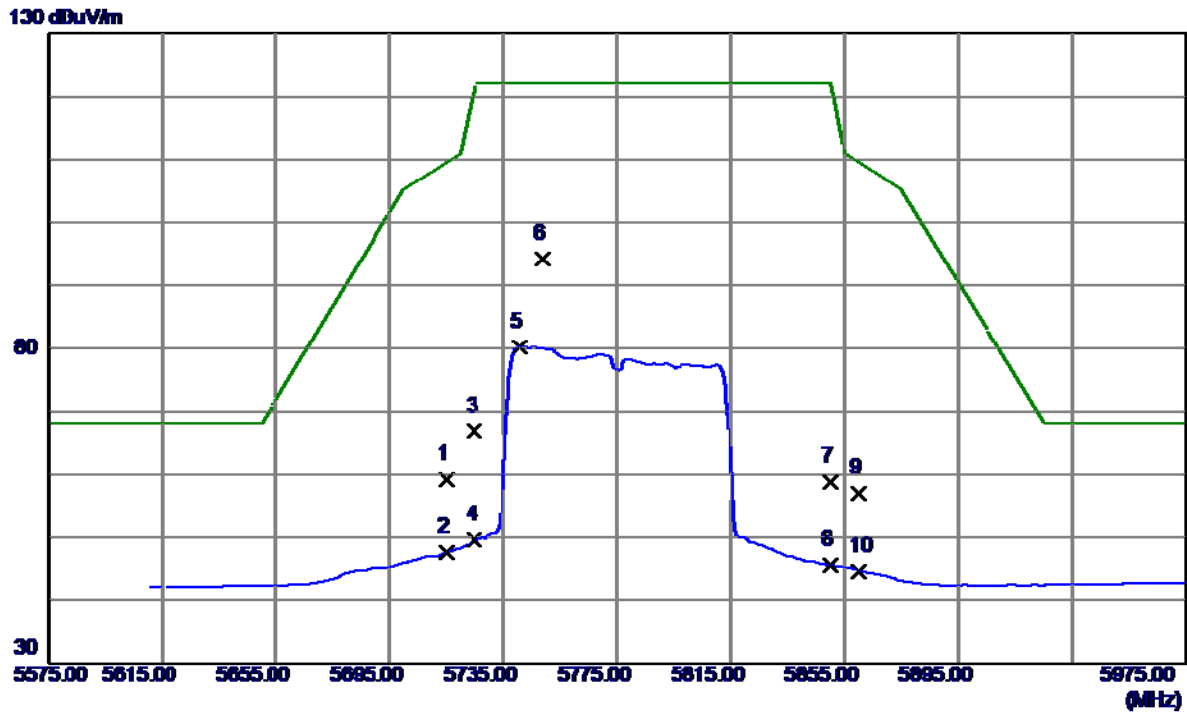
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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

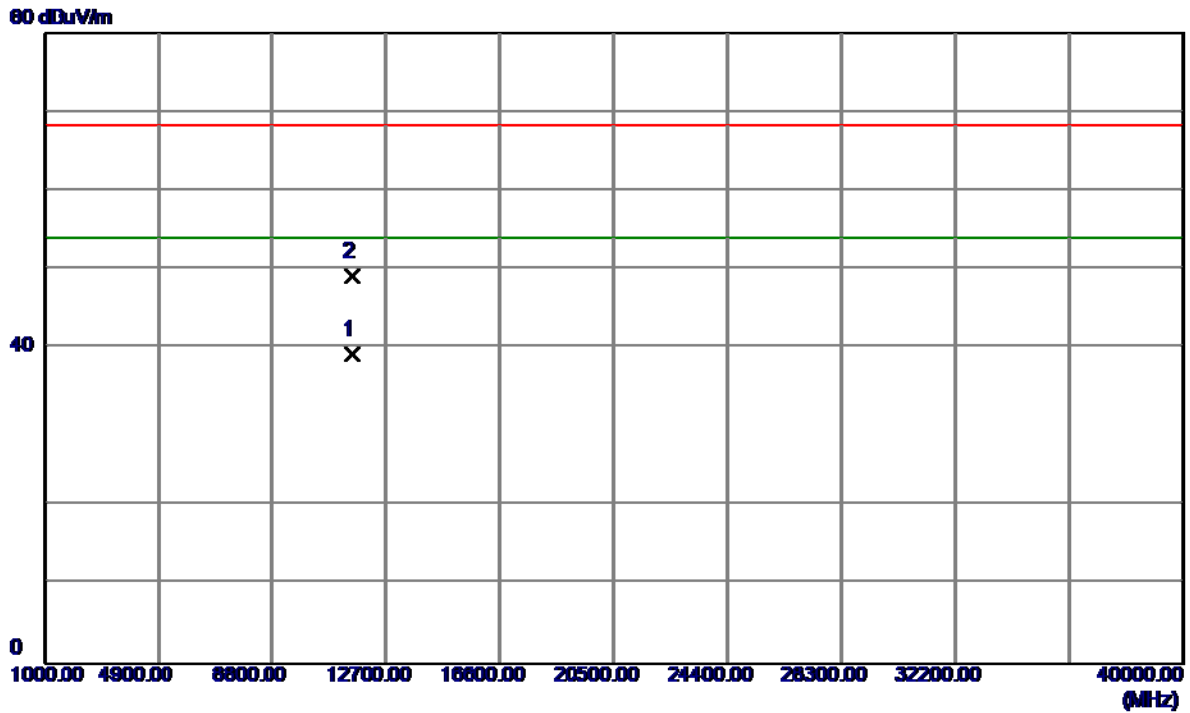
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	17.01	42.24	59.25	109.50	-50.25	Peak	
2	5715.0000	5.42	42.24	47.66	109.50	-61.84	AVG	
3	5725.0000	24.51	42.24	66.75	122.30	-55.55	Peak	
4	5725.0000	7.38	42.24	49.62	122.30	-72.68	AVG	
5	5740.6000	38.02	42.26	80.28	122.30	-42.02	AVG	
6 *	5748.6000	52.01	42.26	94.27	122.30	-28.03	Peak	
7	5850.0000	16.43	42.35	58.78	122.30	-63.52	Peak	
8	5850.0000	3.16	42.35	45.51	122.30	-76.79	AVG	
9	5860.0000	14.61	42.36	56.97	109.50	-52.53	Peak	
10	5860.0000	2.32	42.36	44.68	109.50	-64.82	AVG	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	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}

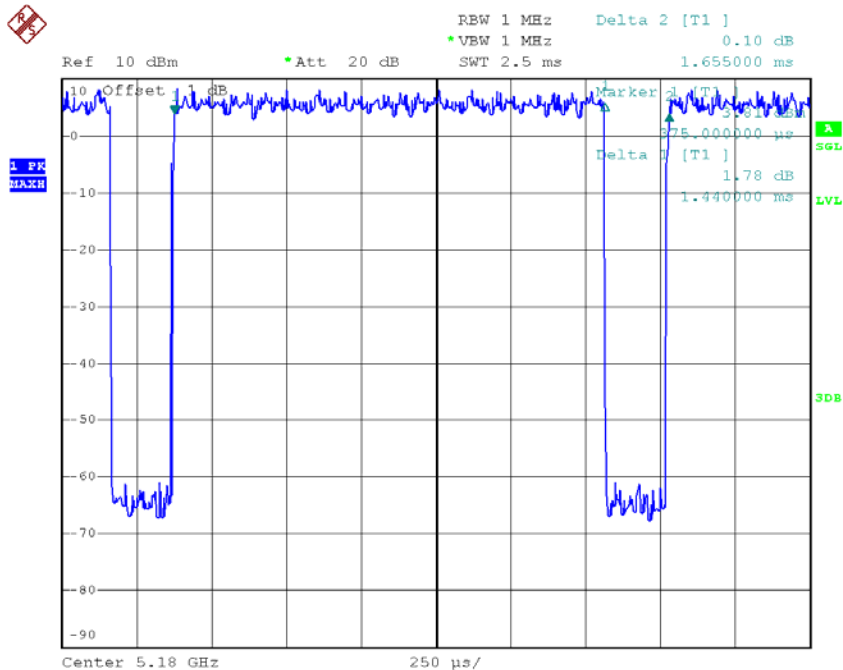
T_{ON} :1.44msec

T_{Total} :1.66msec

Duty cycle: 86.75%

Duty Factor= $10\log(1/\text{Duty cycle})$

Duty Factor =0.62



Date: 12.JUN.2016 16:21:25

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 caculated as
 asOutput Power = Measured power + Ducus factor
 Power Spectral Density = Measured density + Duty factor

TX N20Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

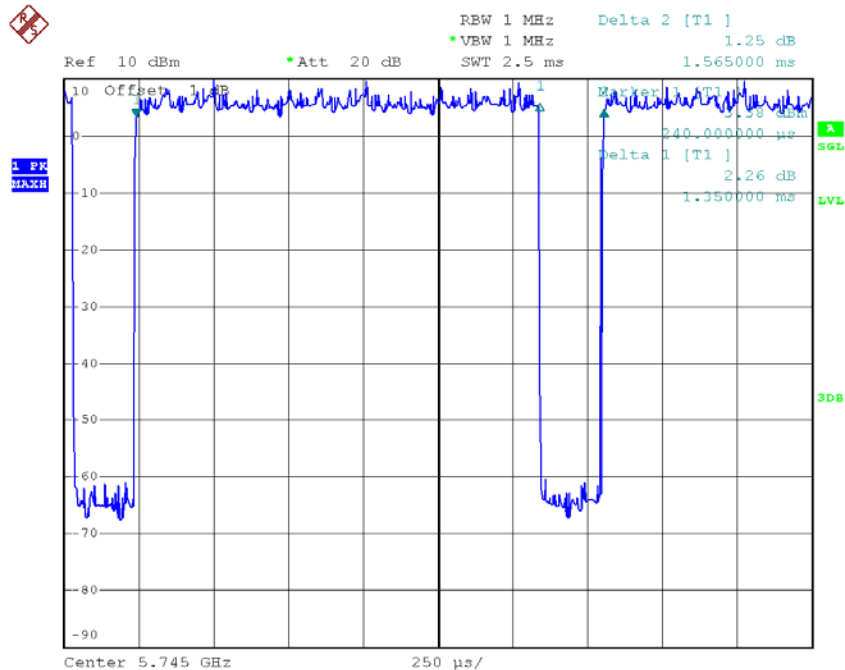
T_{ON} :1.35msec

T_{Total} :1.56msec

Duty cycle: 86.54%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =0.63



Date: 12.JUN.2016 16:46:58

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

asOutput Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX N40Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

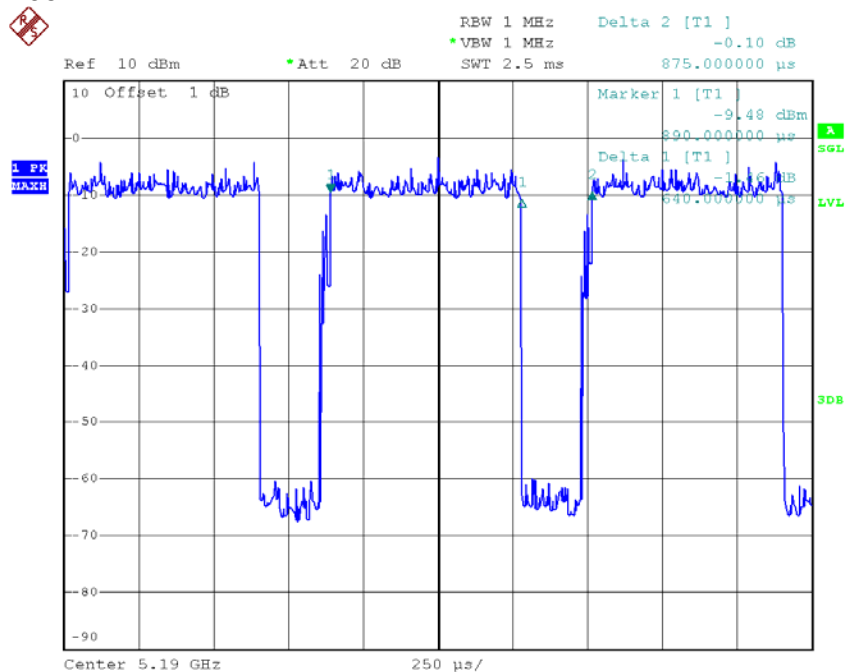
T_{ON} :0.64msec

T_{Total} :0.88msec

Duty cycle: 72.73%

Duty Factor= $10\log(1/\text{Duty cycle})$

Duty Factor =1.38



Date: 12.JUN.2016 17:13:47

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 caculated as

asOutput Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC20Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

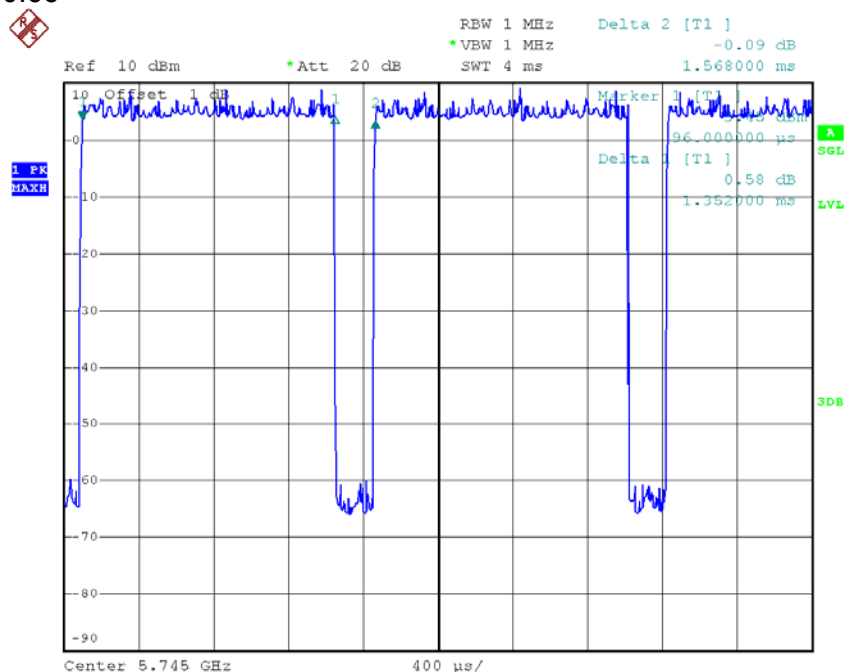
T_{ON} : 1.35msec

T_{Total} : 1.57msec

Duty cycle: 85.99%

Duty Factor = $10\log(1/\text{Duty cycle})$

Duty Factor = 0.66



Date: 12.JUN.2016 16:57:56

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

Output Power = Measured power + Duty factor

Power Spectral Density = Measured density + Duty factor

TX AC40Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

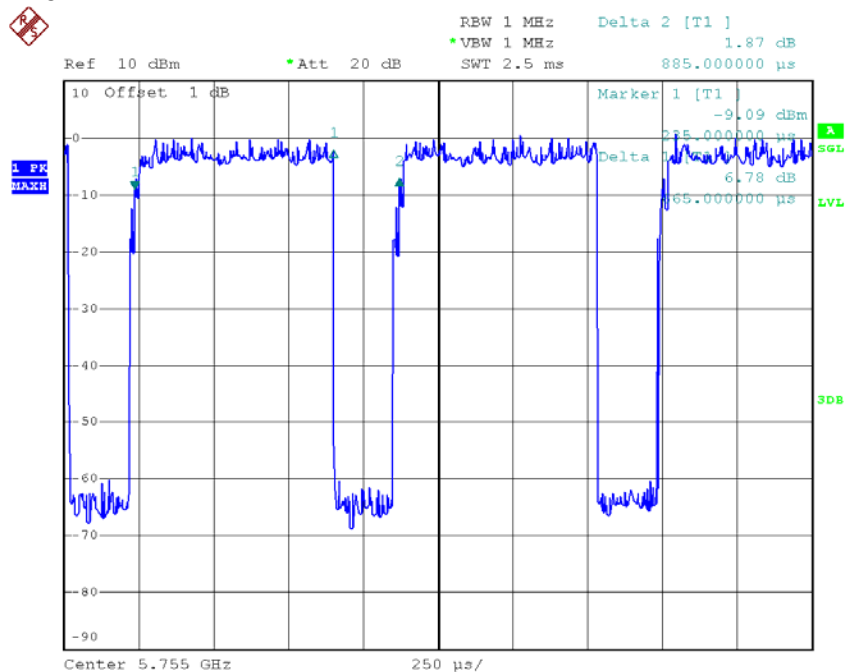
T_{ON} :0.66msec

T_{Total} :0.88msec

Duty cycle: 75.00%

Duty Factor= 10log(1/Duty cycle)

Duty Factor =1.25



Date: 12.JUN.2016 17:08:50

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

asOutput Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC80Mode_DUTY CYCLE

Duty cycle: TX DUTYMHZ

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

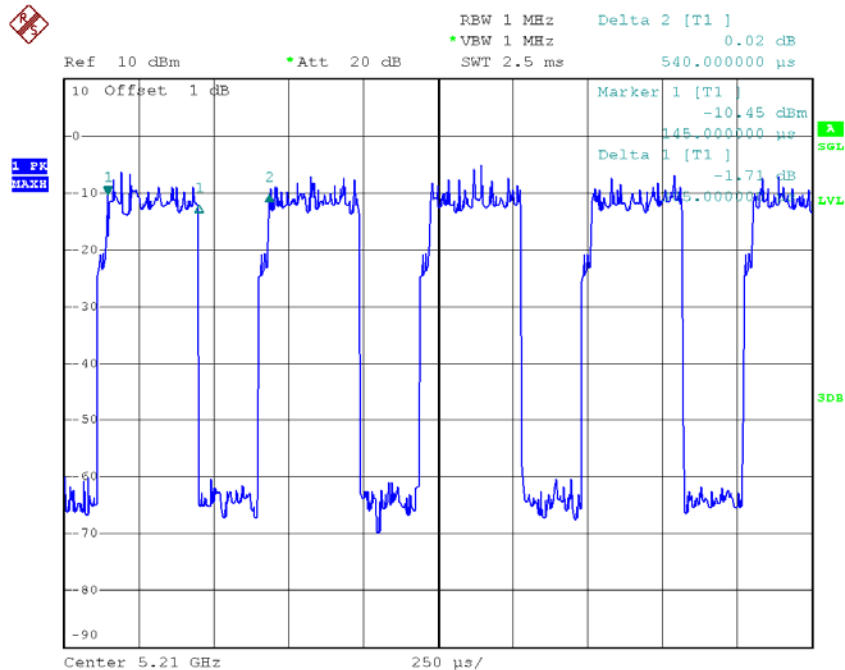
T_{ON} :0.30msec

T_{Total} :0.54msec

Duty cycle: 55.56%

Duty Factor= $10\log(1/\text{Duty cycle})$

Duty Factor =2.55



Date: 12.JUN.2016 17:21:05

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 caculated as

asOutput Power = Measured power + Ducus factor

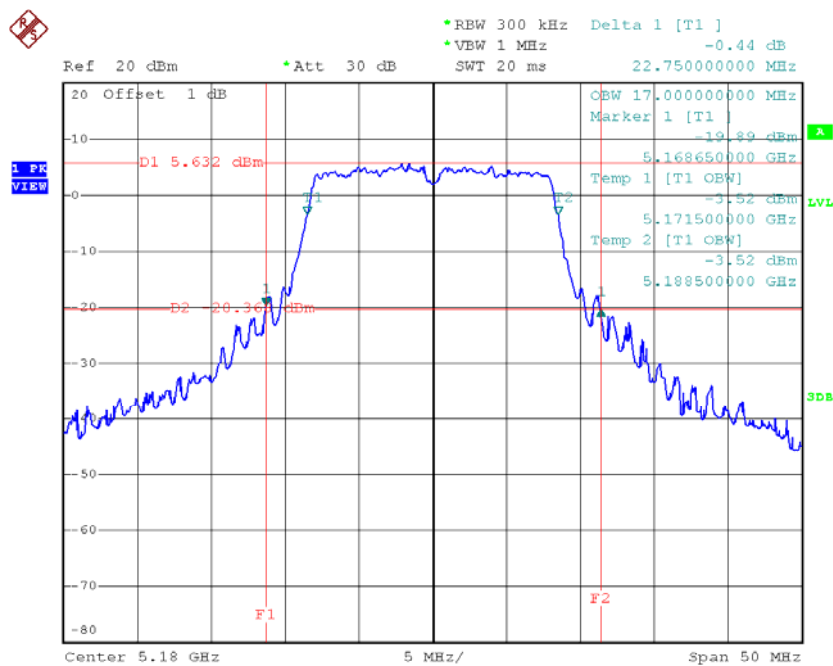
Power Spectral Density = Measured density + Duty factor

ATTACHMENTE -BANDWIDTH

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

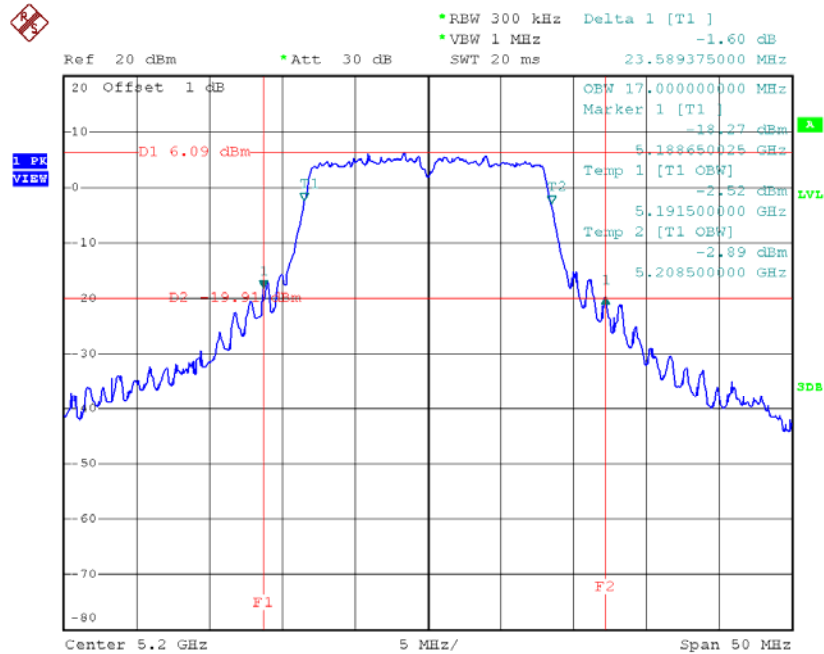
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	22.75	17.00
CH40	5200	23.59	17.00
CH48	5240	22.75	16.90

TX CH36



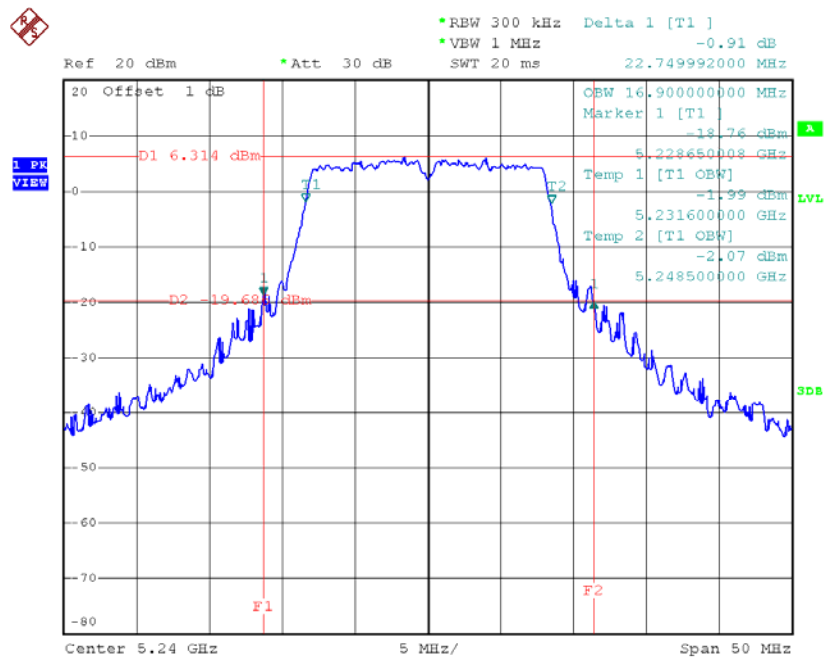
Date: 12.JUN.2016 16:21:02

TX CH40



Date: 12.JUN.2016 16:29:33

TX CH48

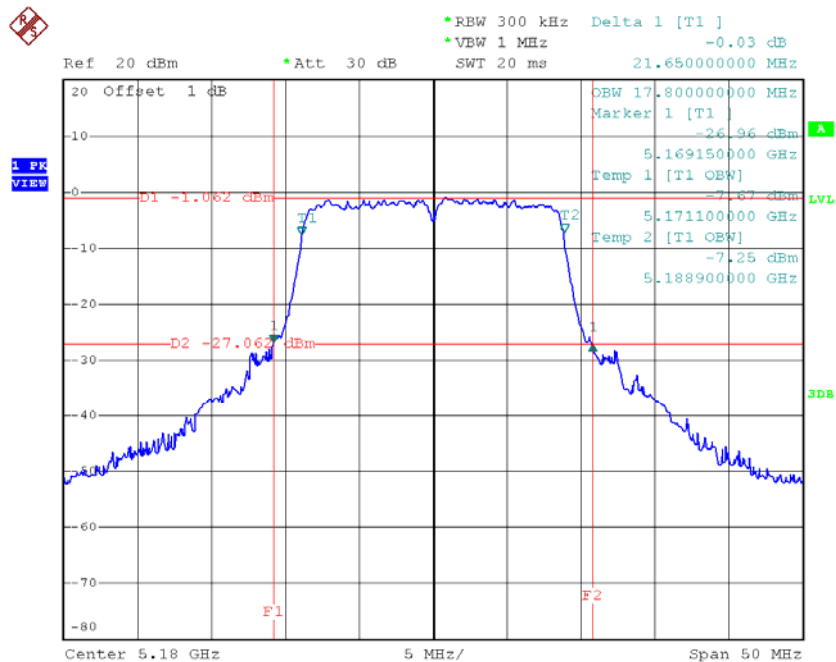


Date: 12.JUN.2016 16:30:54

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

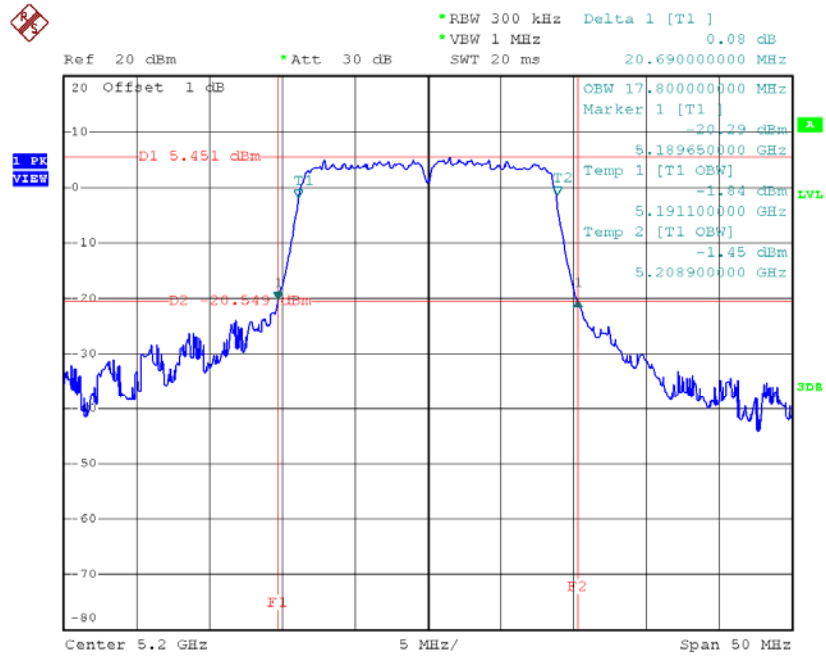
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.65	17.80
CH40	5200	20.69	17.80
CH48	5240	20.75	17.70

TX CH36



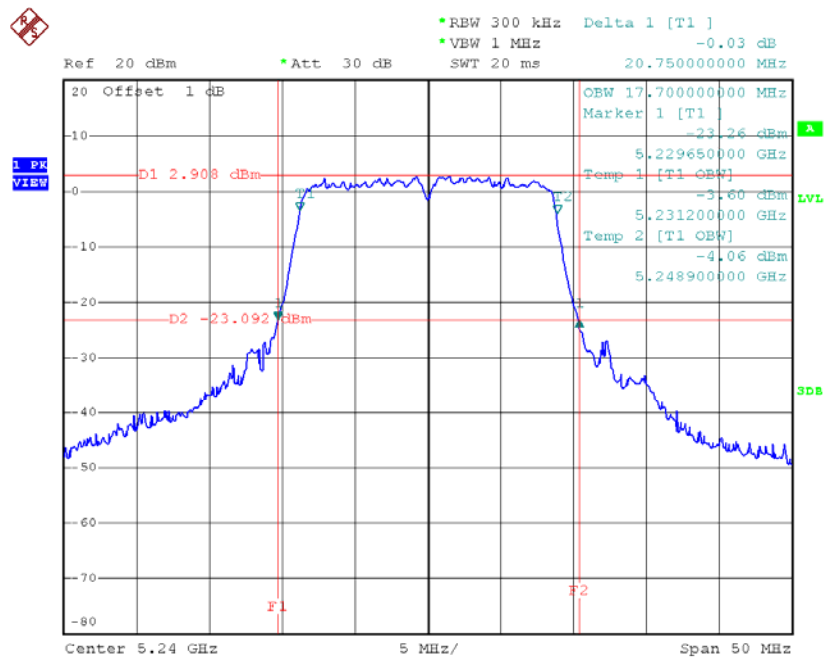
Date: 12.JUN.2016 16:42:13

TX CH40



Date: 12.JUN.2016 16:43:32

TX CH48

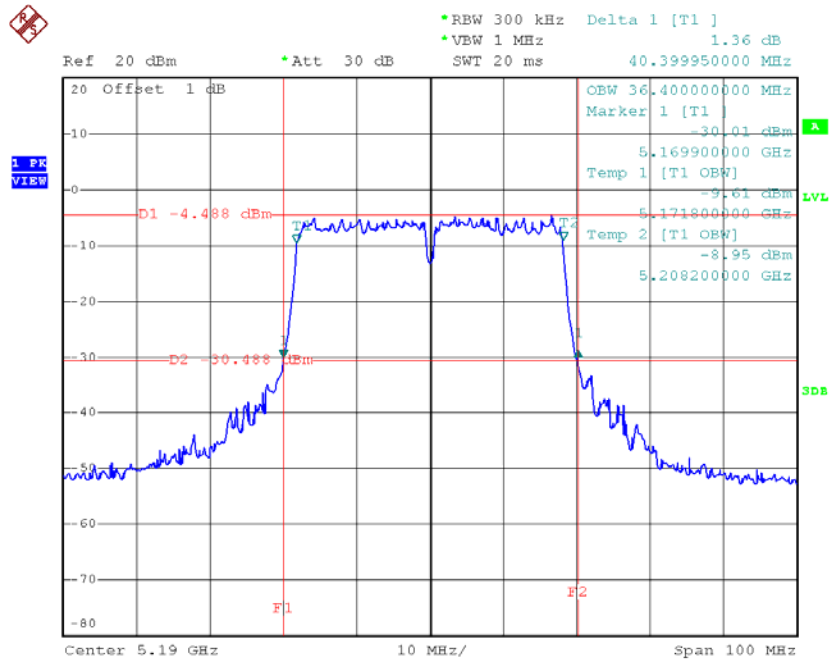


Date: 12.JUN.2016 16:44:48

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

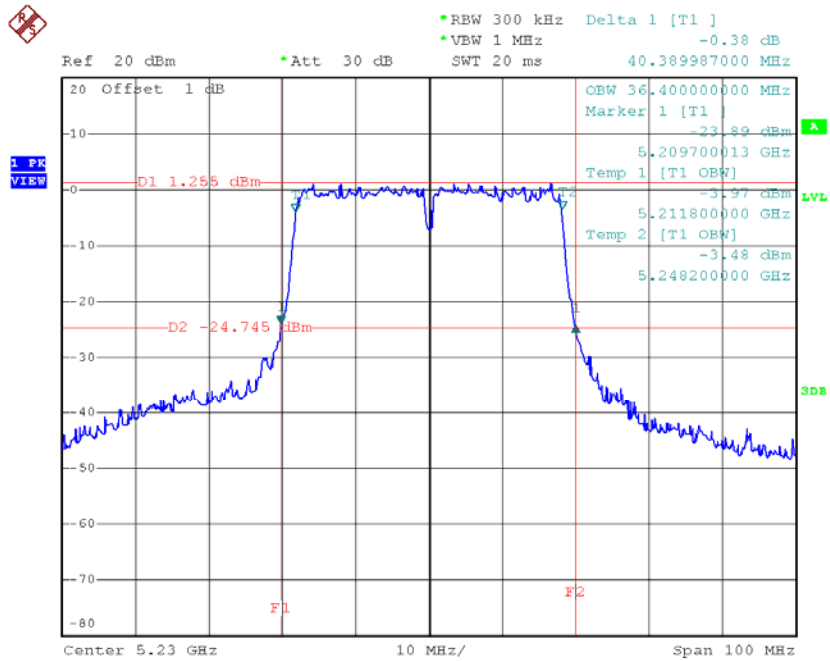
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.40	36.40
CH46	5230	40.39	36.40

TX CH38



Date: 12.JUN.2016 17:13:24

TX CH46

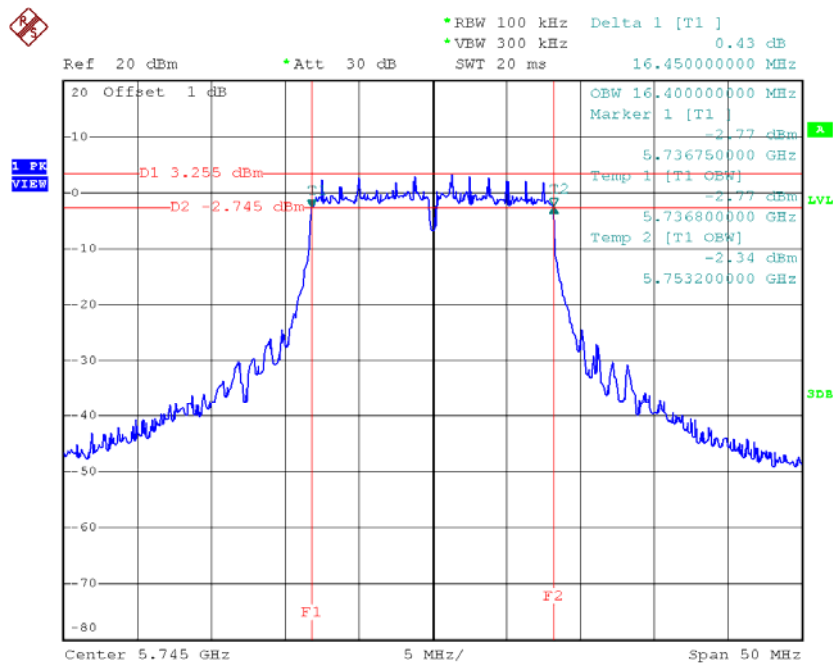


Date: 12.JUN.2016 17:14:40

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

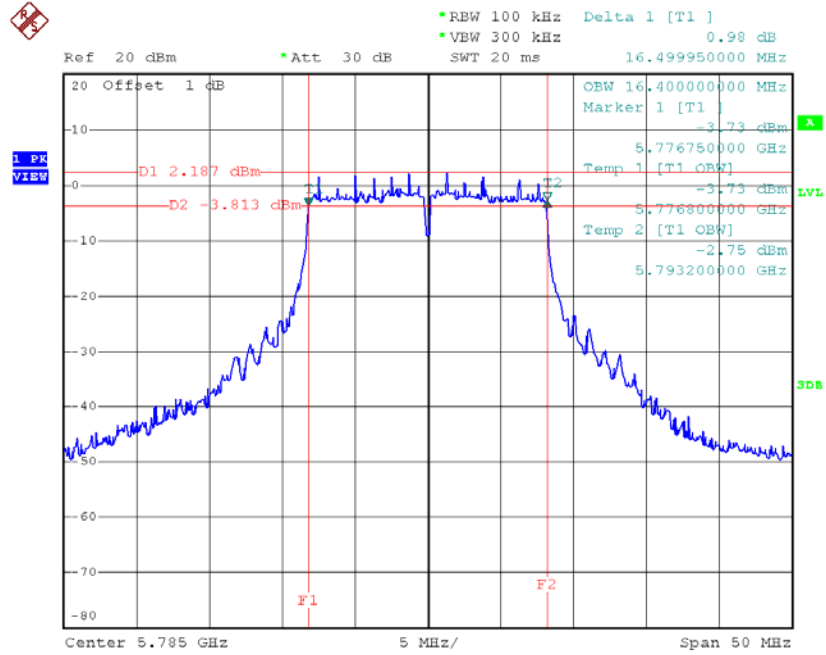
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.45	16.40	>=500
CH157	5785	16.50	16.40	>=500
CH165	5825	16.41	16.40	>=500

TX CH 149



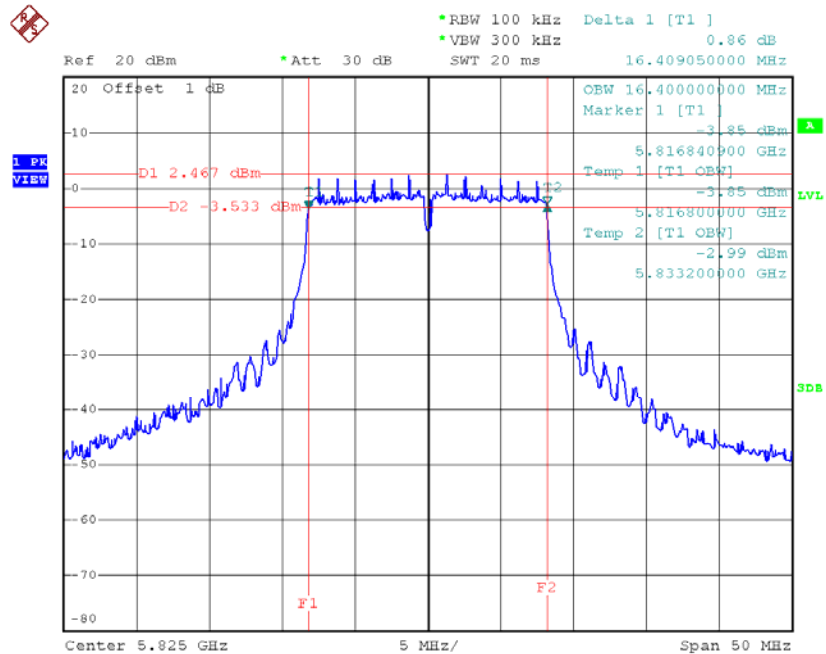
Date: 12.JUN.2016 16:34:42

TX CH 157



Date: 12.JUN.2016 16:38:45

TX CH 165

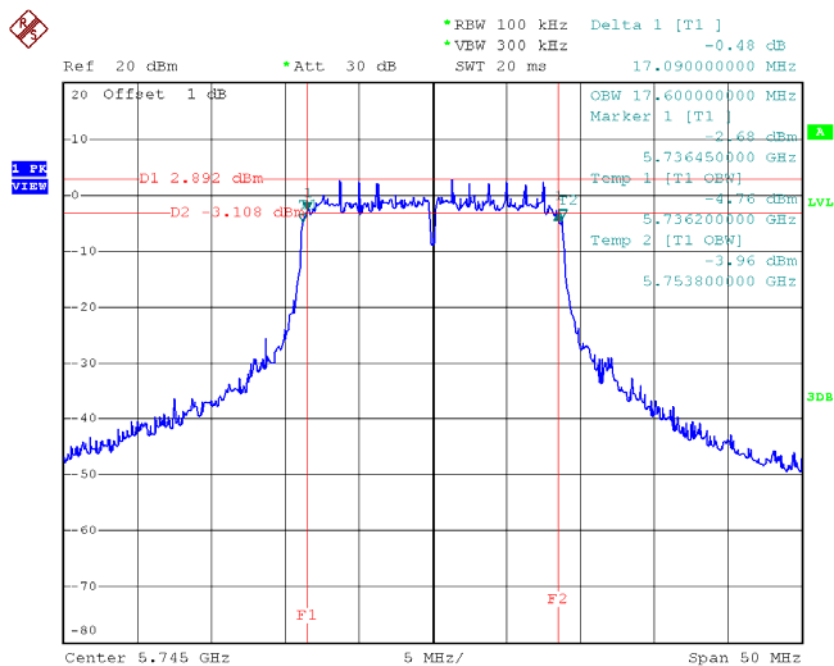


Date: 12.JUN.2016 16:40:03

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

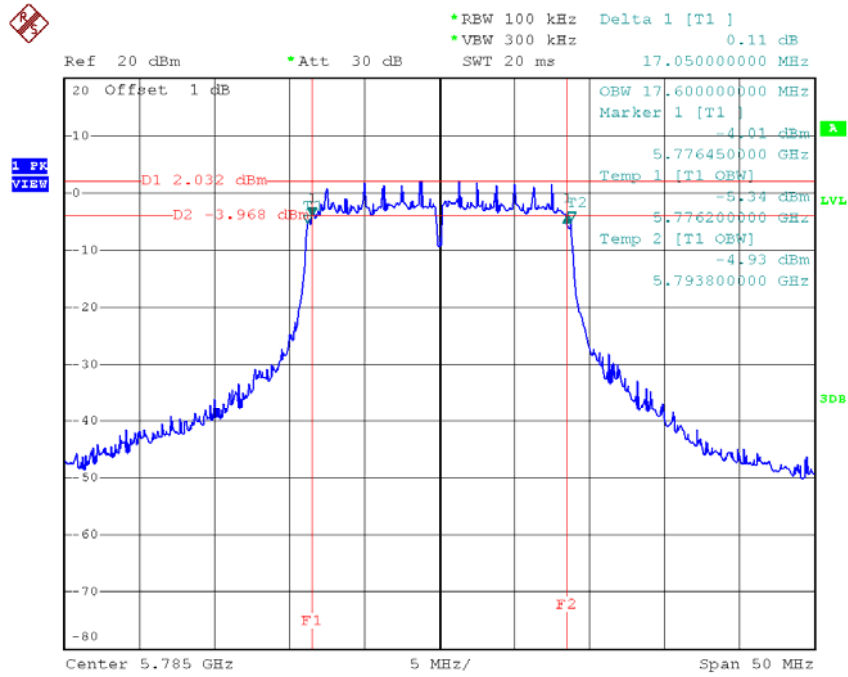
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.09	17.60	>=500
CH157	5785	17.05	17.60	>=500
CH165	5825	17.19	17.60	>=500

TX CH 149



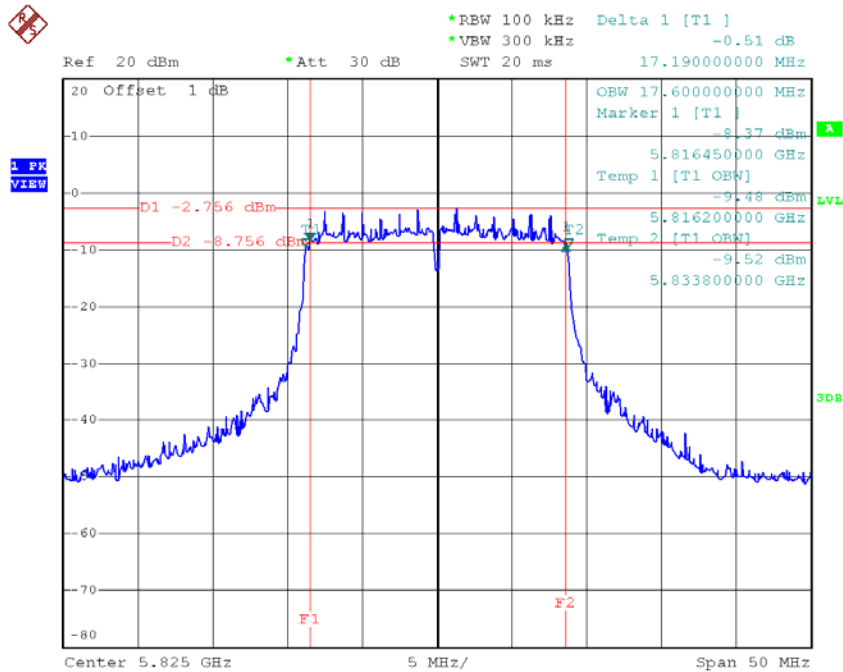
Date: 12.JUN.2016 16:46:43

TX CH 157



Date: 12.JUN.2016 16:48:19

TX CH 165

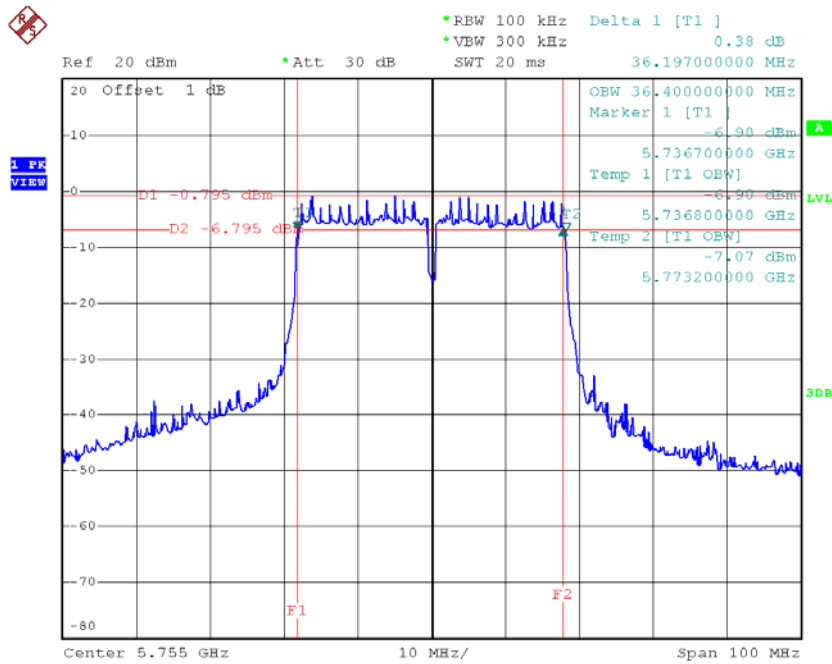


Date: 12.JUN.2016 16:49:55

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

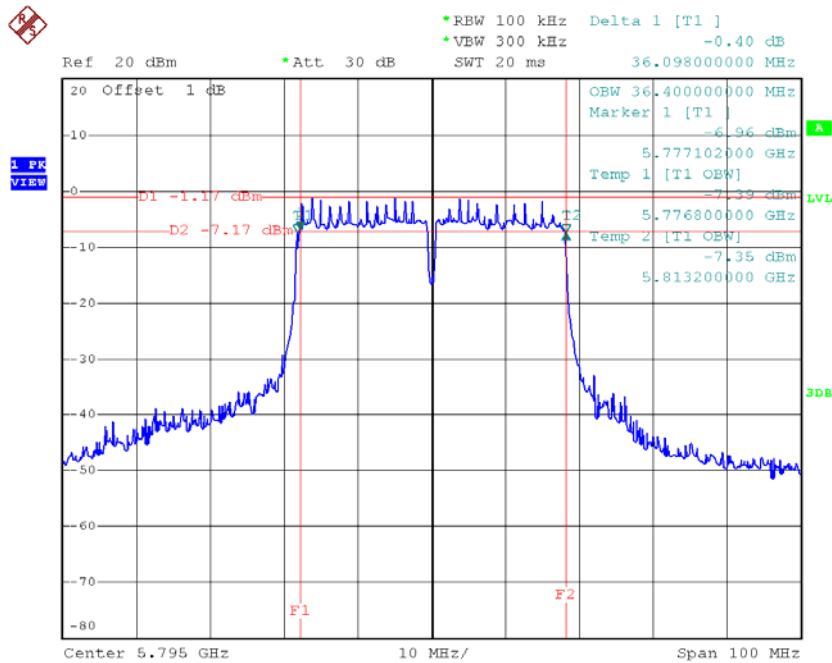
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.20	36.40	≥ 500
CH159	5795	36.10	36.40	≥ 500

TX CH 151



Date: 12.JUN.2016 17:16:03

TX CH 159

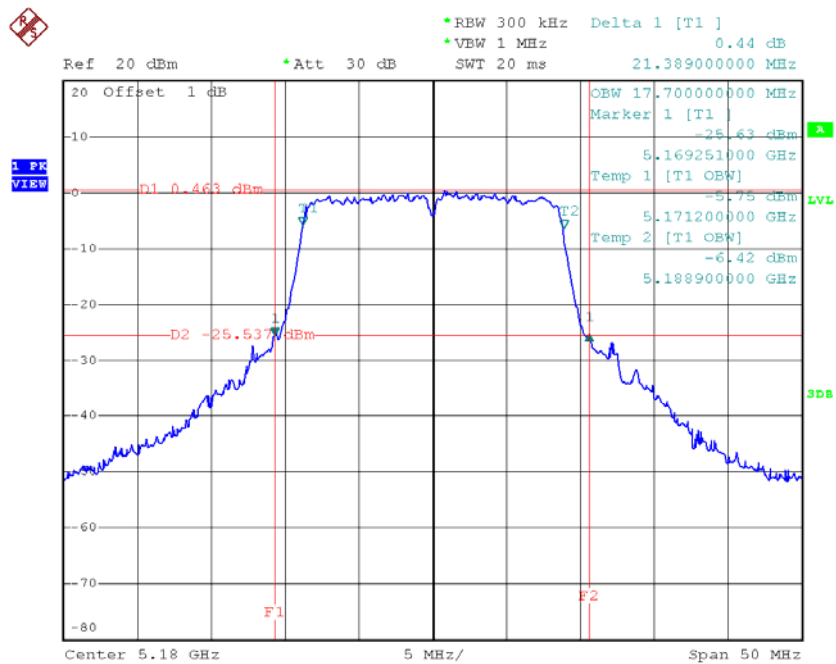


Date: 12.JUN.2016 17:17:14

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

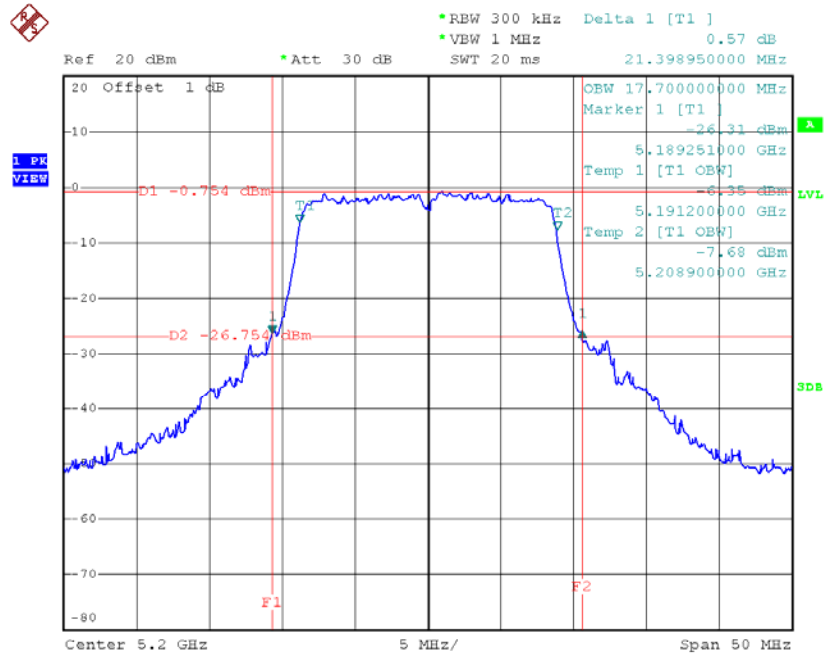
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.39	17.70
CH40	5200	21.40	17.70
CH48	5240	20.75	17.70

TX CH36



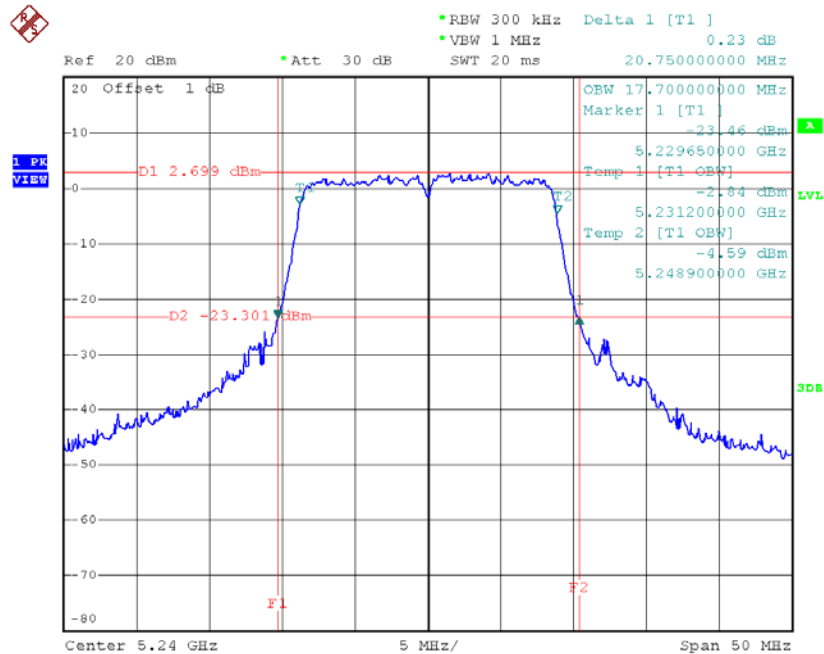
Date: 12.JUN.2016 16:51:58

TX CH40



Date: 12.JUN.2016 16:53:30

TX CH48

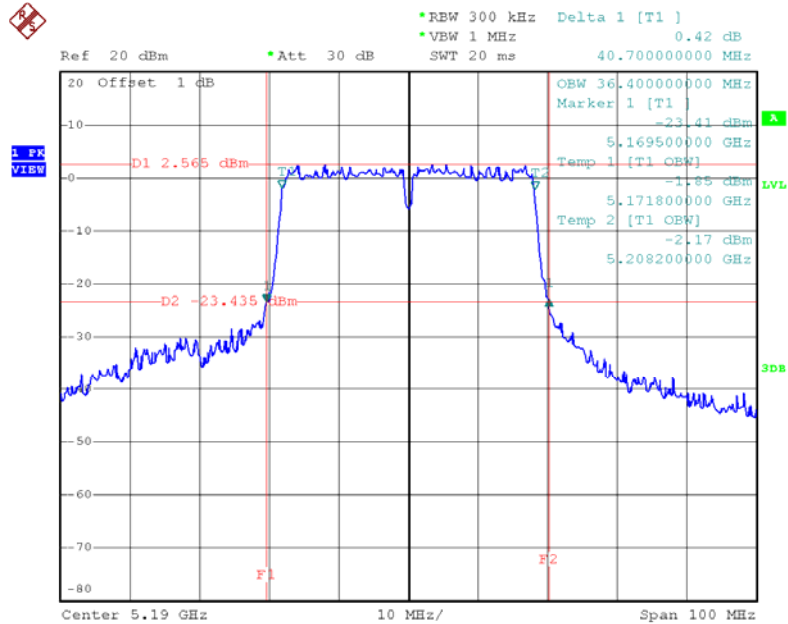


Date: 12.JUN.2016 16:54:30

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

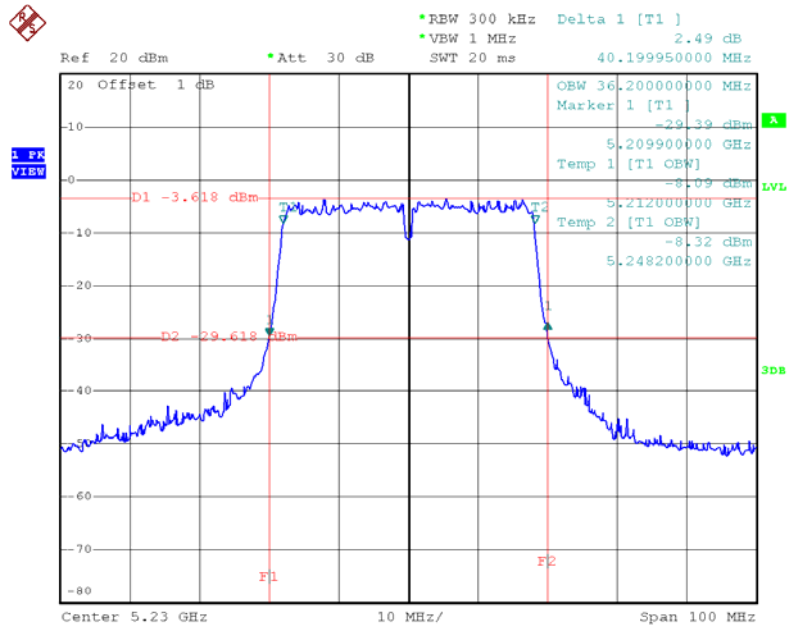
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.70	36.40
CH46	5230	40.20	36.20

TX CH38



Date: 12.JUN.2016 17:03:09

TX CH46

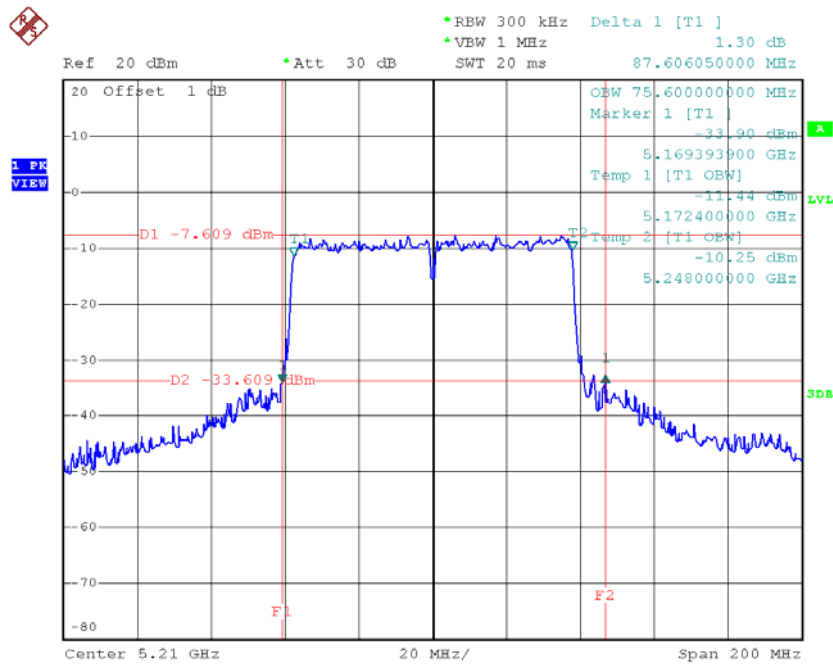


Date: 12.JUN.2016 17:05:33

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	87.61	75.60

TX CH42

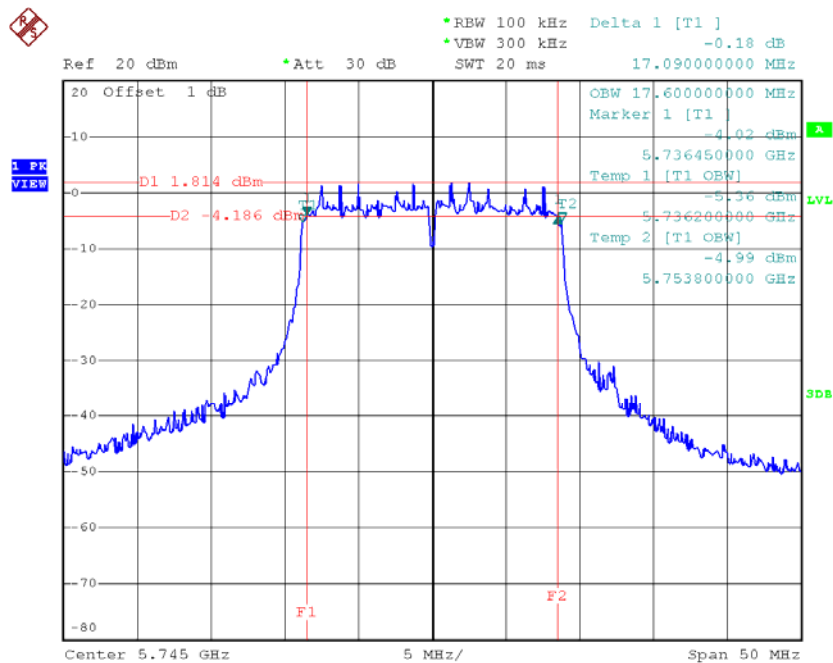


Date: 12.JUN.2016 17:20:47

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

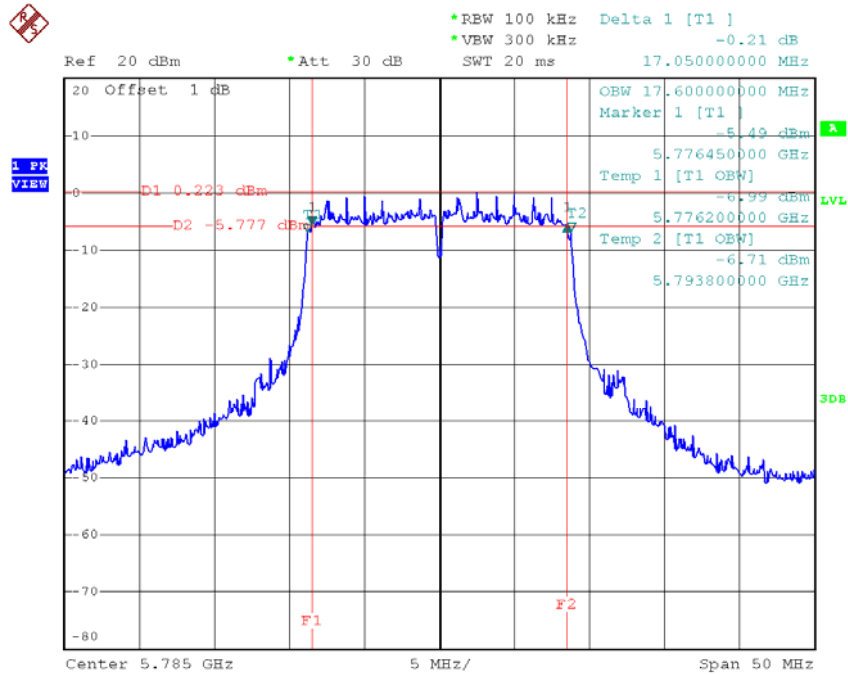
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.09	17.60	>=500
CH157	5785	17.05	17.60	>=500
CH165	5825	17.19	17.60	>=500

TX CH 149



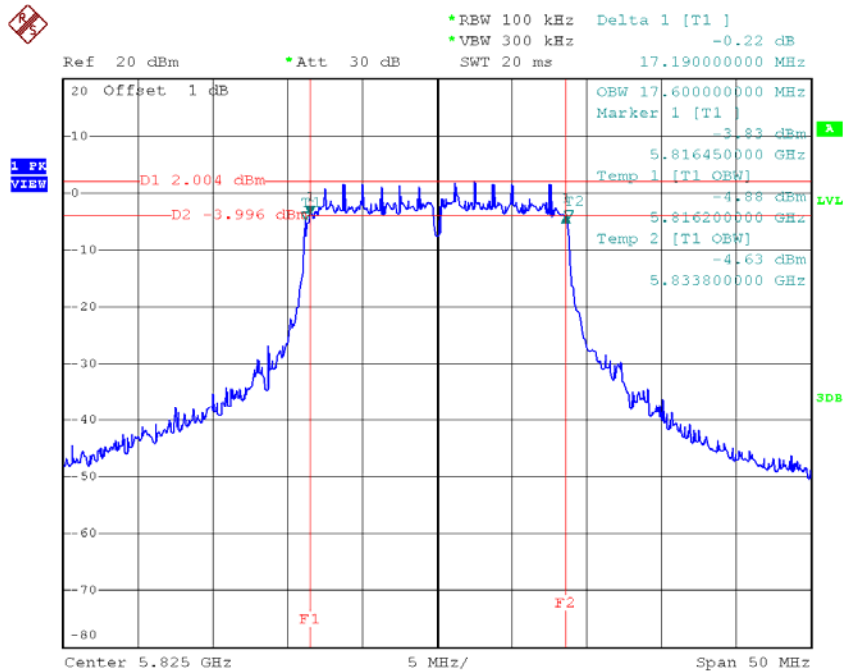
Date: 12.JUN.2016 16:57:41

TX CH 157



Date: 12.JUN.2016 16:59:13

TX CH 165

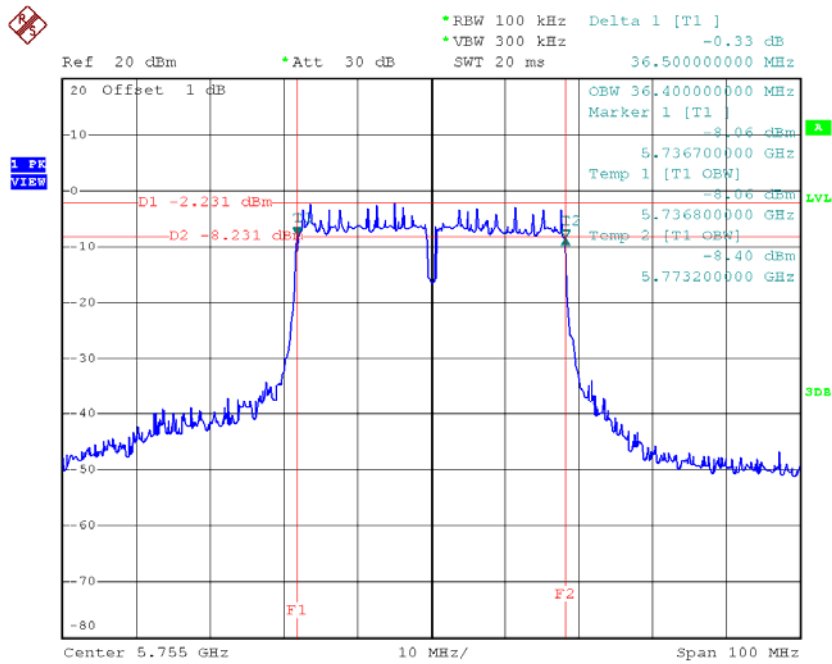


Date: 12.JUN.2016 17:00:29

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

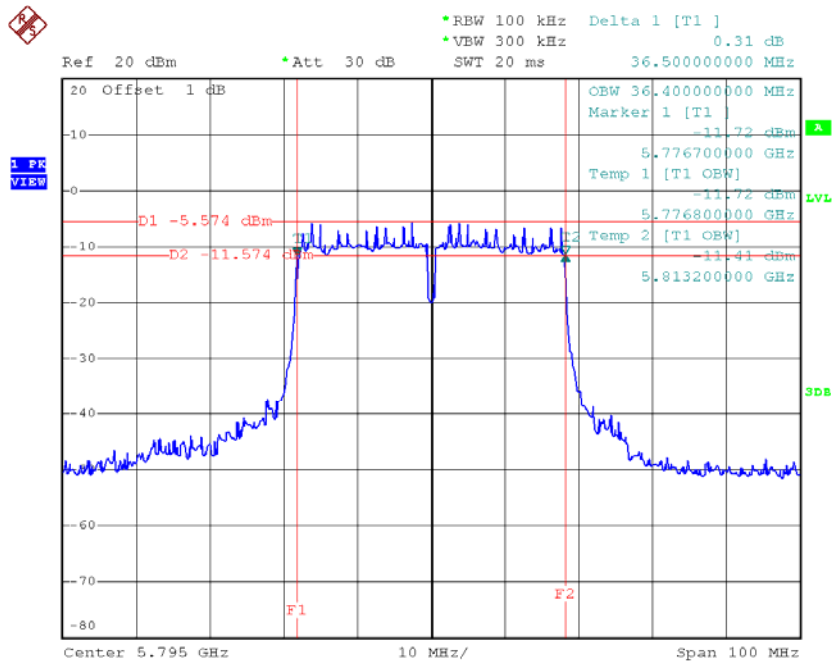
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.40	≥ 500
CH159	5795	36.50	36.40	≥ 500

TX CH 151



Date: 12.JUN.2016 17:08:35

TX CH 159

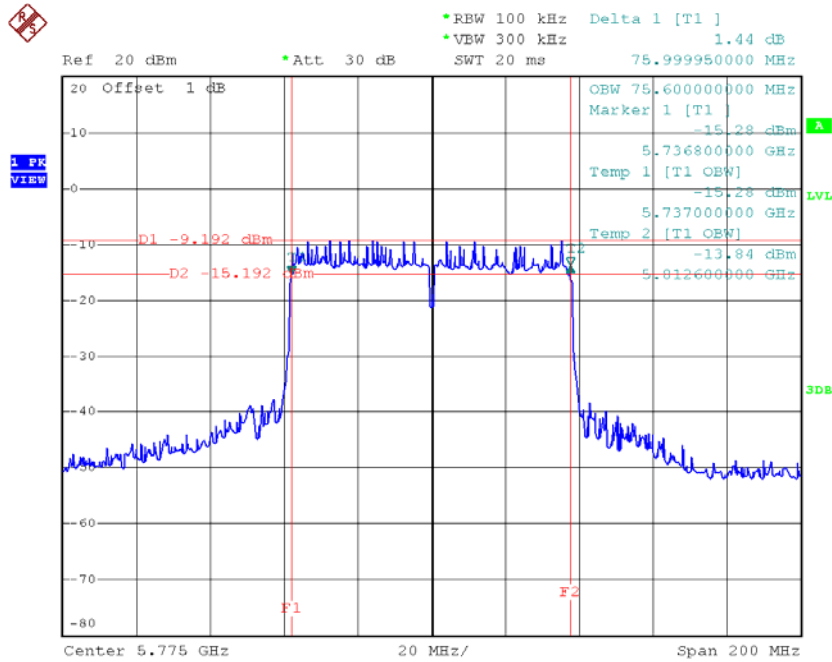


Date: 12.JUN.2016 17:10:41

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.00	75.60	>=500

TX CH 155



Date: 12.JUN.2016 17:24:16

ATTACHMENTF - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.64	0.62	17.26	30.00	1.00
CH40	5200	17.17	0.62	17.79	30.00	1.00
CH48	5240	17.35	0.62	17.97	30.00	1.00

Test Mode: UNII-1/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	17.26	0.63	17.89	30.00	1.00
CH40	5200	17.24	0.63	17.87	30.00	1.00
CH48	5240	17.21	0.63	17.84	30.00	1.00

Test Mode: UNII-1/TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	16.21	1.38	17.59	30.00	1.00
CH46	5230	16.35	1.38	17.73	30.00	1.00

Test Mode: UNII-3/ TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	17.90	0.62	18.52	30.00	1.00
CH157	5785	17.88	0.62	18.50	30.00	1.00
CH165	5825	17.84	0.62	18.46	30.00	1.00

Test Mode: UNII-3/TX N20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	17.61	0.63	18.24	30.00	1.00
CH157	5785	17.71	0.63	18.34	30.00	1.00
CH165	5825	17.68	0.63	18.31	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	16.54	1.38	17.92	30.00	1.00
CH159	5795	16.59	1.38	17.97	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	17.26	0.66	17.92	30.00	1.00
CH40	5200	17.31	0.66	17.97	30.00	1.00
CH48	5240	17.22	0.66	17.88	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	16.31	1.25	17.56	30.00	1.00
CH46	5230	16.41	1.25	17.66	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	13.22	2.55	15.77	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	17.55	0.66	18.21	30.00	1.00
CH157	5785	17.45	0.66	18.11	30.00	1.00
CH165	5825	17.54	0.66	18.20	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	16.69	1.25	17.94	30.00	1.00
CH159	5795	16.92	1.25	18.17	30.00	1.00

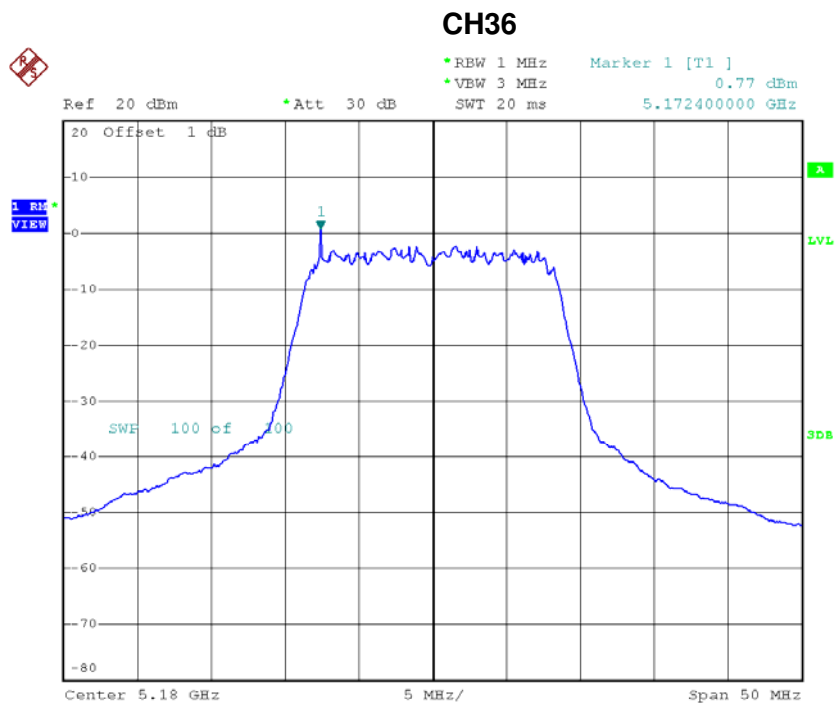
Test Mode: UNII-3/TX AC80 Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	15.24	2.55	17.79	30.00	1.00

ATTACHMENTG - POWER SPECTRAL DENSITY

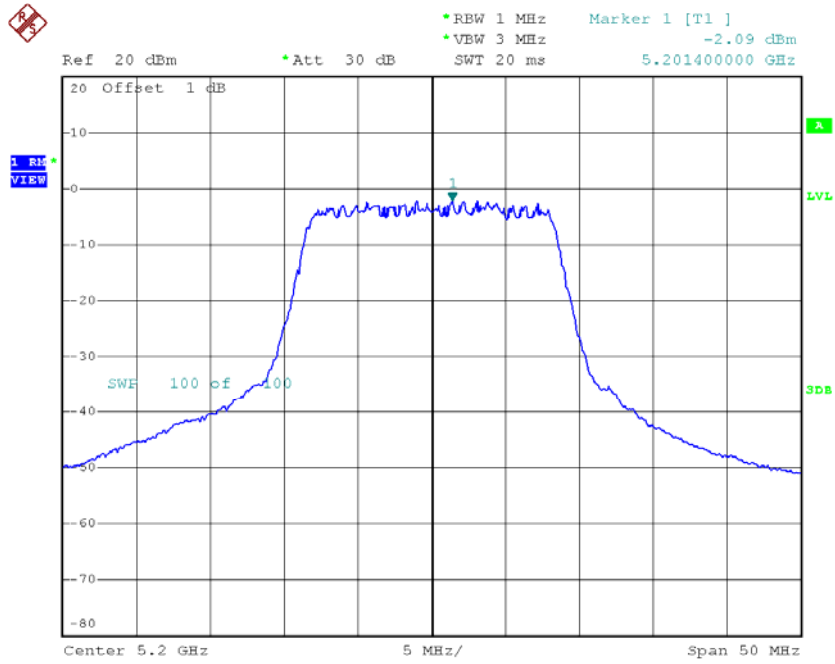
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	0.77	0.62	1.39	17.00
CH40	5200	-2.09	0.62	-1.47	17.00
CH48	5240	1.98	0.62	2.60	17.00



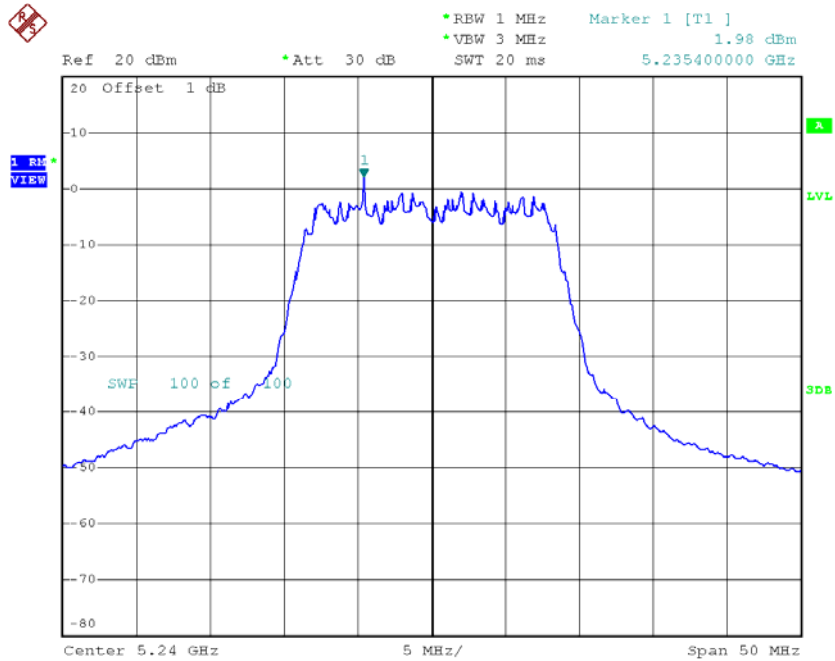
Date: 12.JUN.2016 16:21:12

CH40



Date: 12.JUN.2016 16:29:42

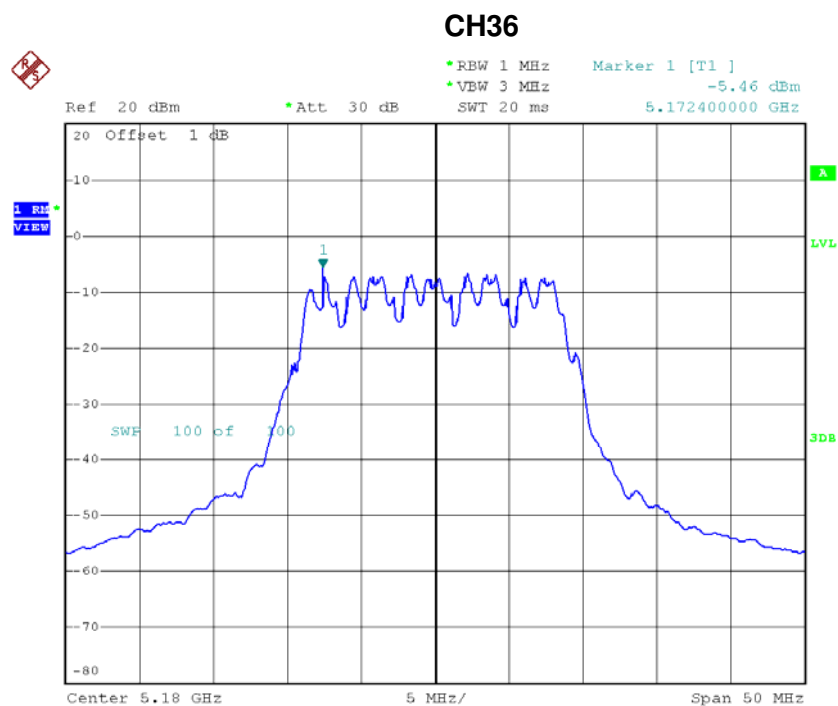
CH48



Date: 12.JUN.2016 16:31:04

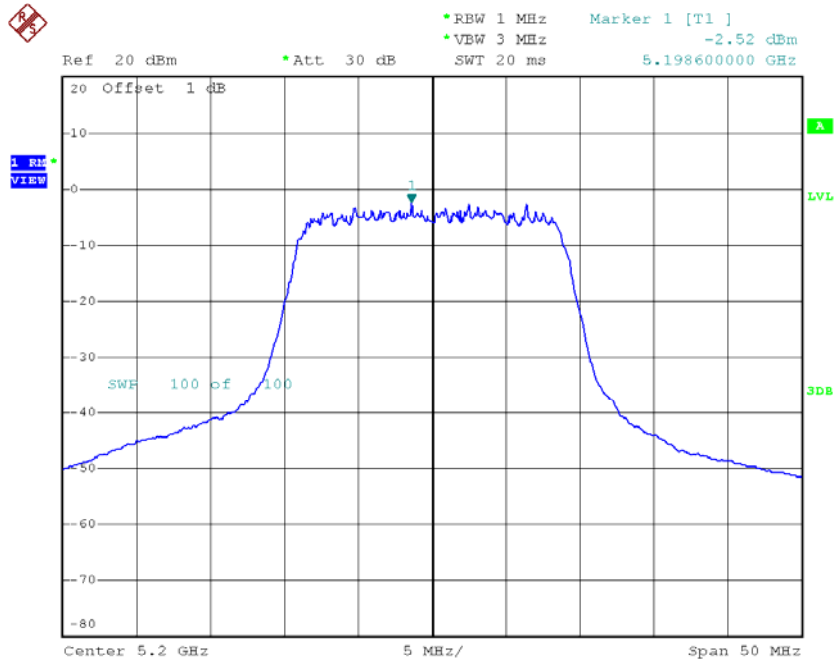
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-5.46	0.63	-4.83	17.00
CH40	5200	-2.52	0.63	-1.89	17.00
CH48	5240	-1.64	0.63	-1.01	17.00



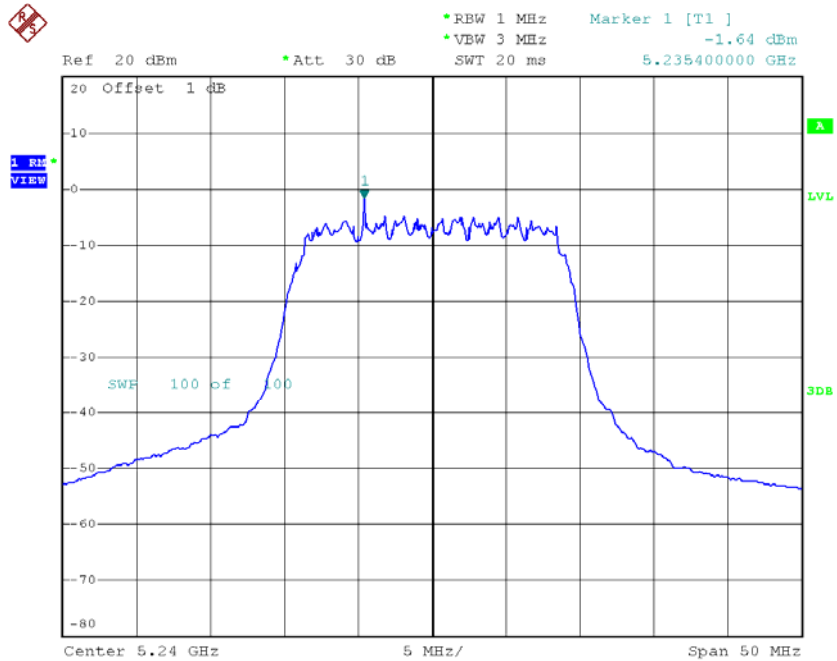
Date: 12.JUN.2016 16:42:22

CH40



Date: 12.JUN.2016 16:43:41

CH48

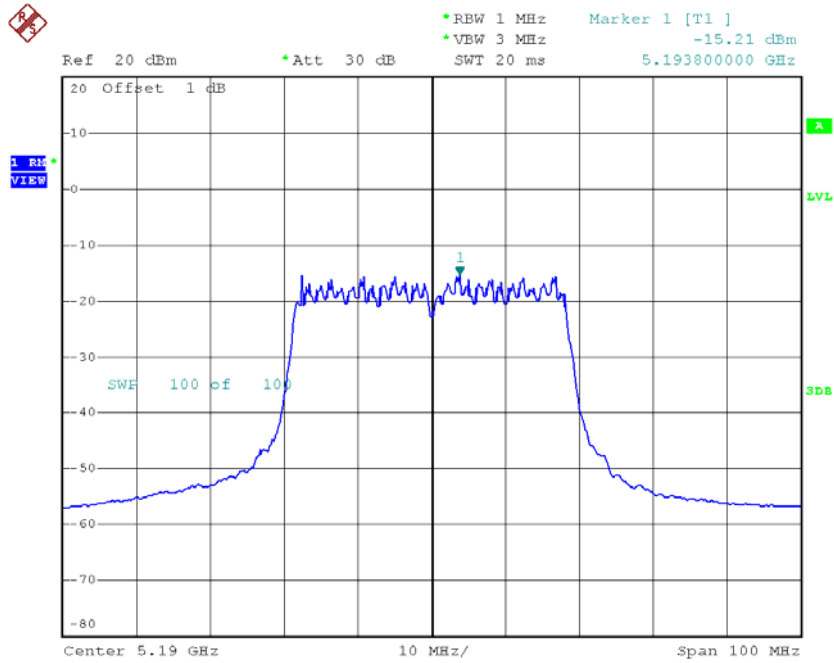


Date: 12.JUN.2016 16:44:57

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

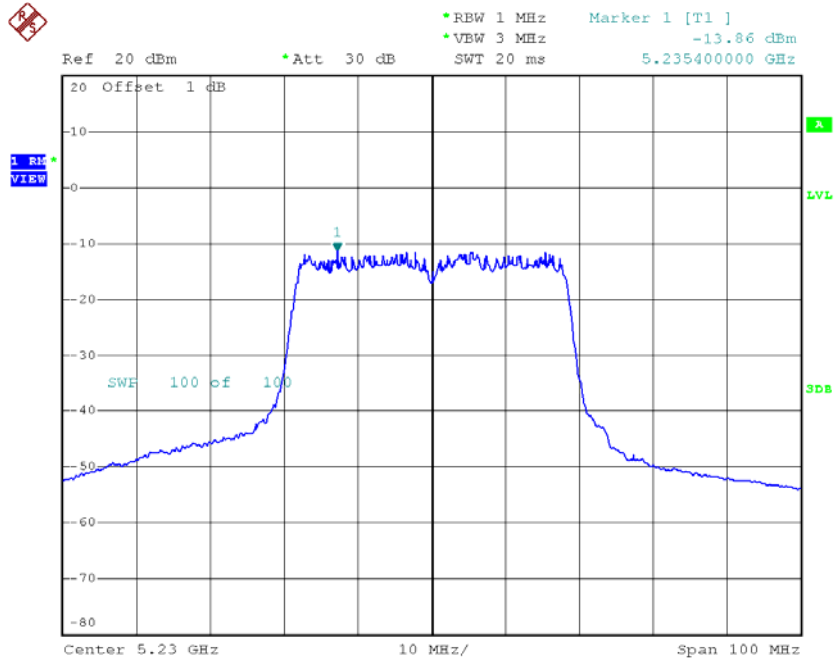
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-15.21	1.38	-13.83	17.00
CH46	5230	-3.86	1.38	-2.48	17.00

CH38



Date: 12.JUN.2016 17:13:34

CH46

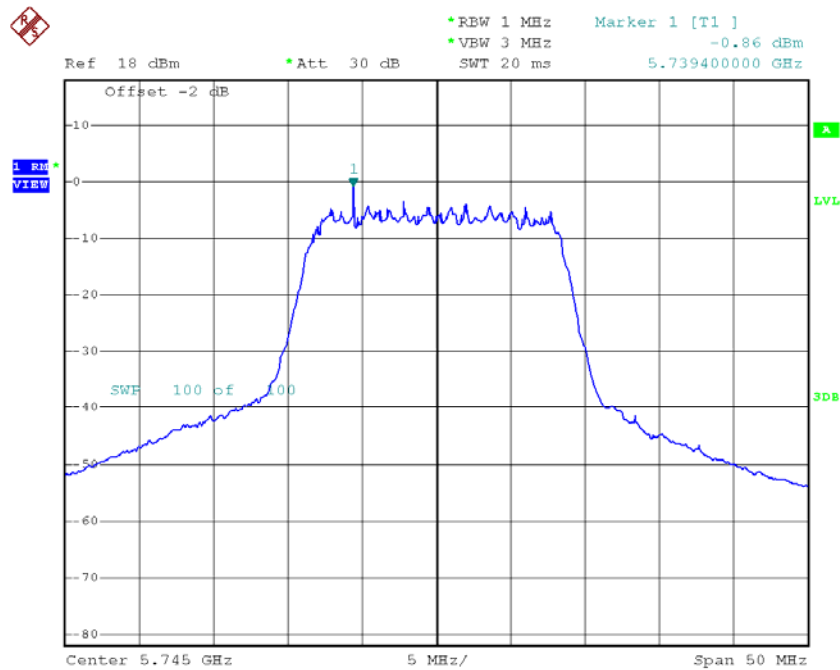


Date: 12.JUN.2016 17:14:50

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

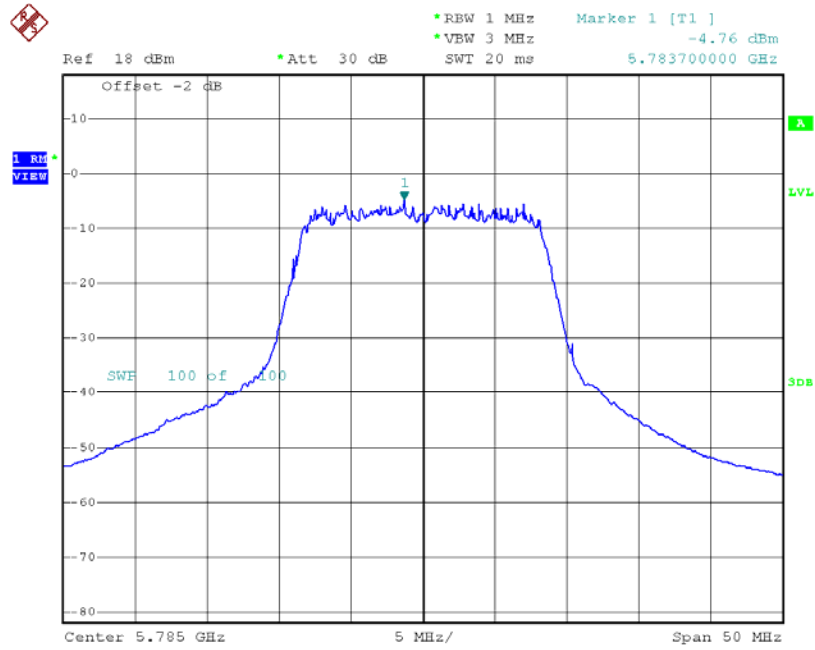
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-0.86	0.62	-0.24	30.00
CH157	5785	-4.76	0.62	-4.14	30.00
CH165	5825	-1.78	0.62	-1.16	30.00

TX CH149



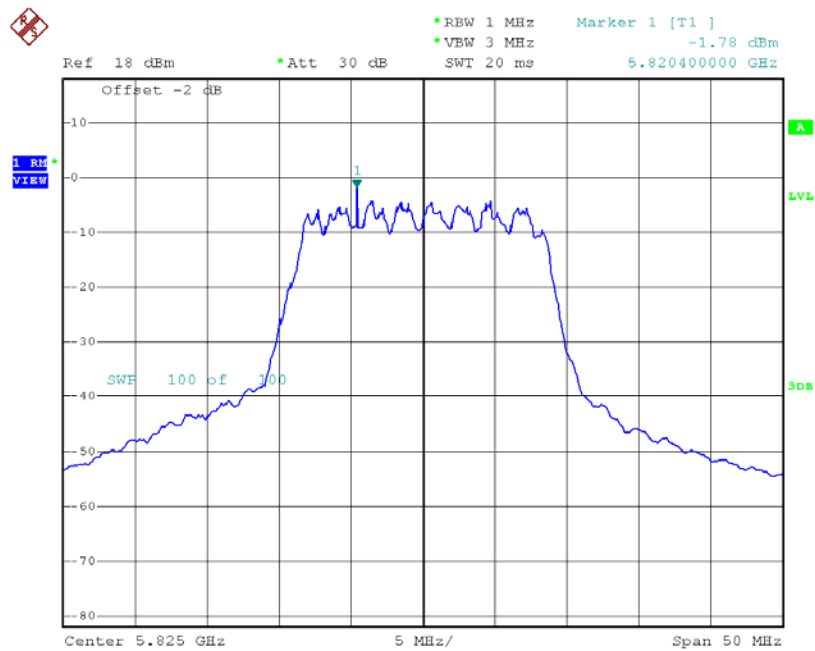
Date: 12.JUN.2016 16:34:11

TX CH157



Date: 12.JUN.2016 16:38:55

TX CH165

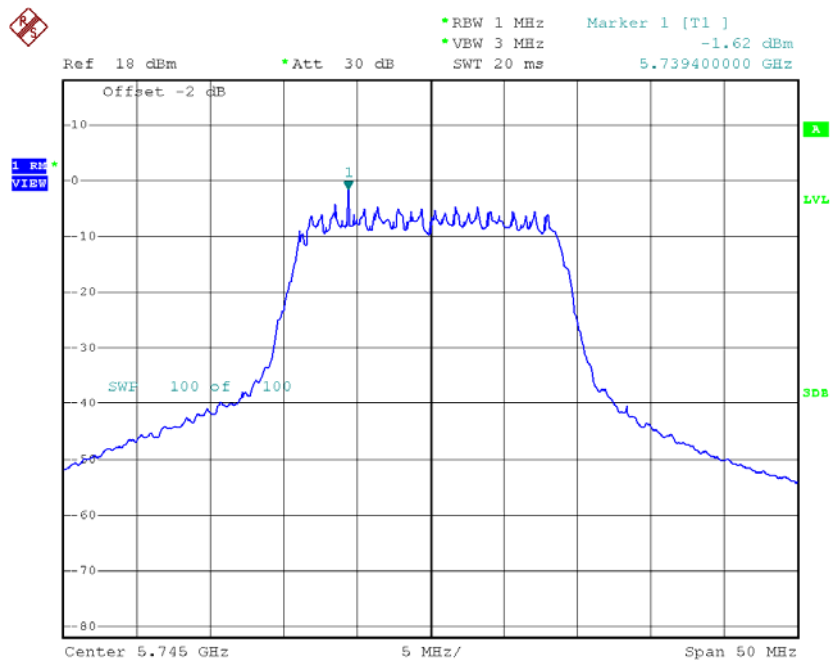


Date: 12.JUN.2016 16:40:13

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

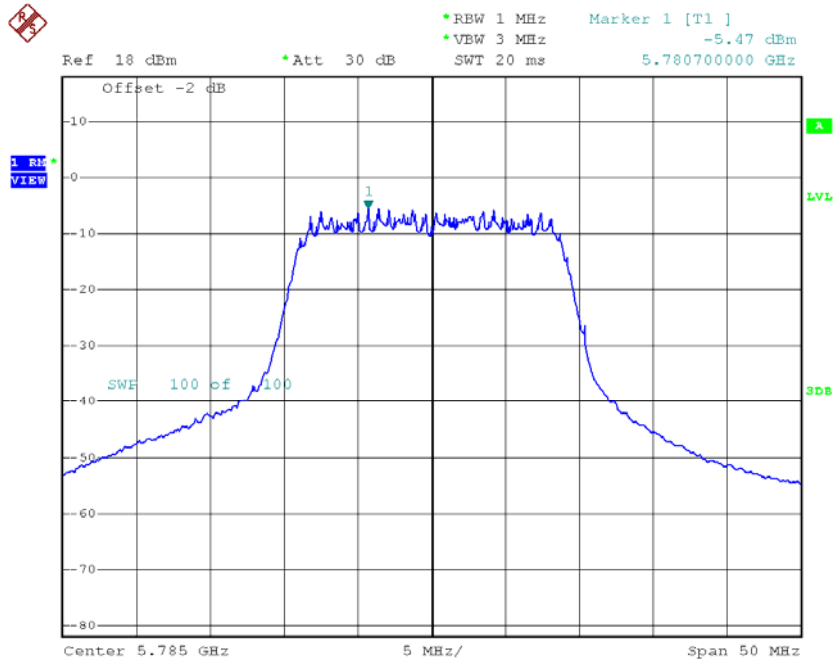
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-1.62	0.63	-0.99	30.00
CH157	5785	-5.47	0.63	-4.84	30.00
CH165	5825	-7.17	0.63	-6.54	30.00

TX CH149



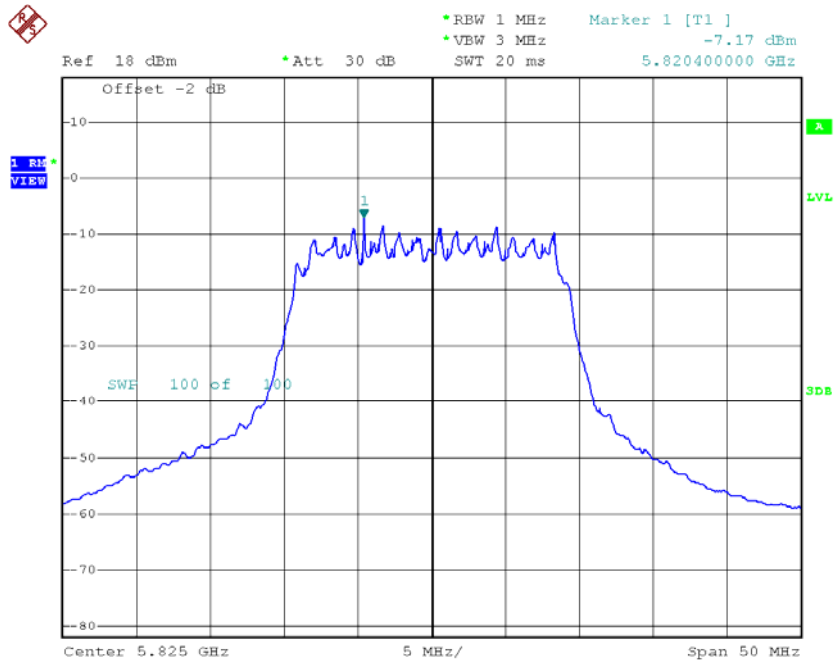
Date: 12.JUN.2016 16:46:53

TX CH157



Date: 12.JUN.2016 16:48:29

TX CH165

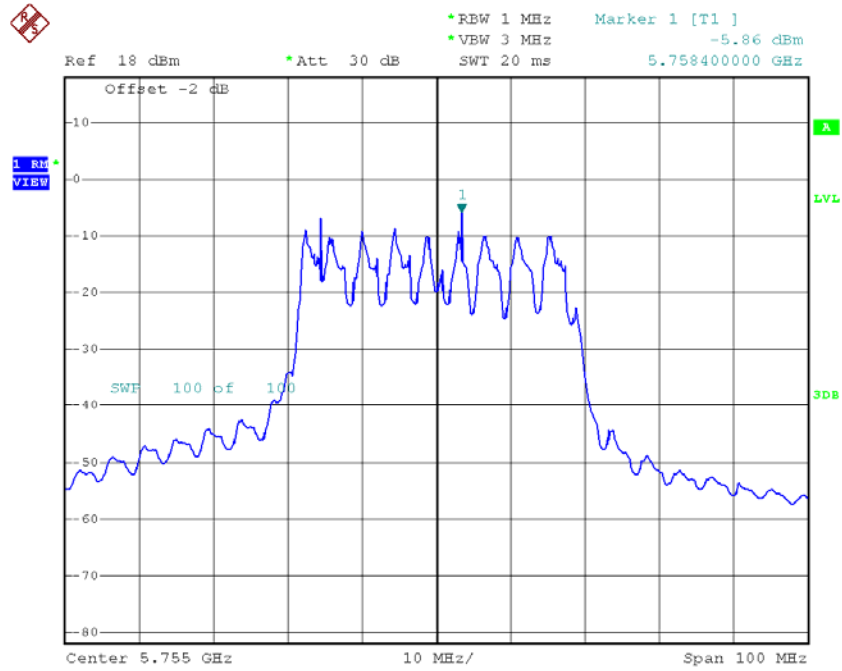


Date: 12.JUN.2016 16:50:04

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

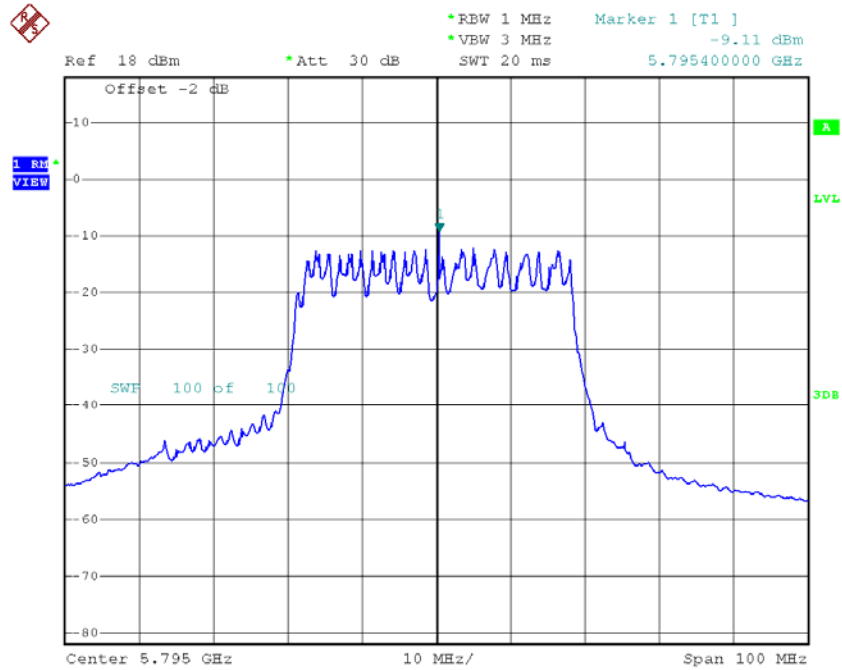
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-5.86	1.38	-4.48	30.00
CH159	5795	-9.11	1.38	-7.73	30.00

TX CH151



Date: 12.JUN.2016 17:16:13

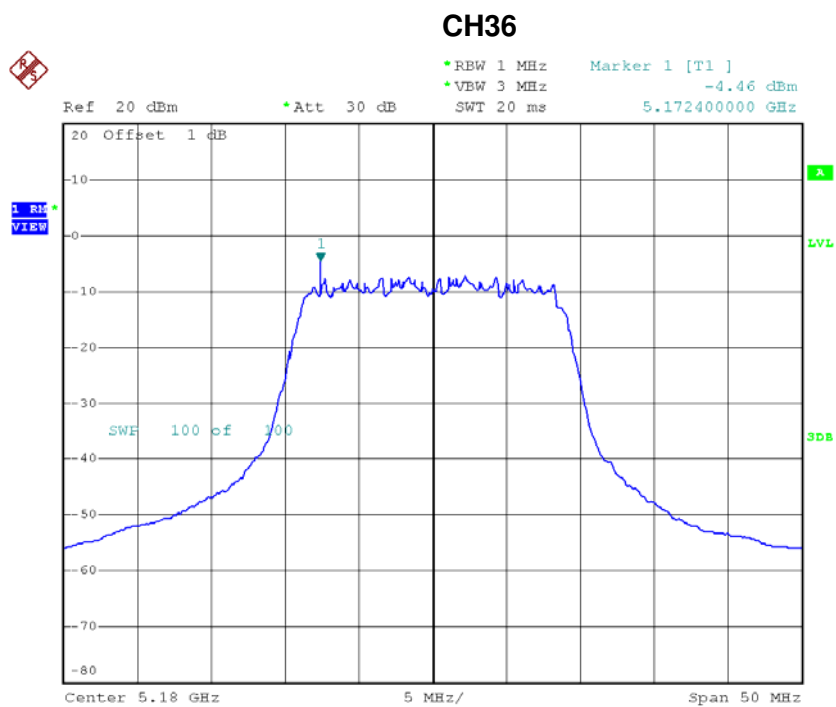
TX CH159



Date: 12.JUN.2016 17:17:24

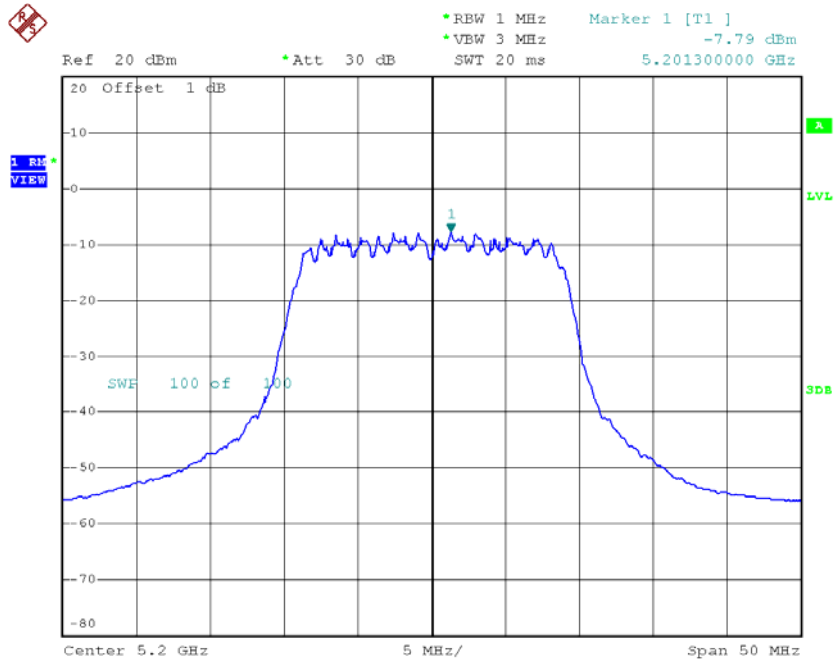
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-4.46	0.66	-3.80	17.00
CH40	5200	-7.79	0.66	-7.13	17.00
CH48	5240	-1.66	0.66	-1.00	17.00



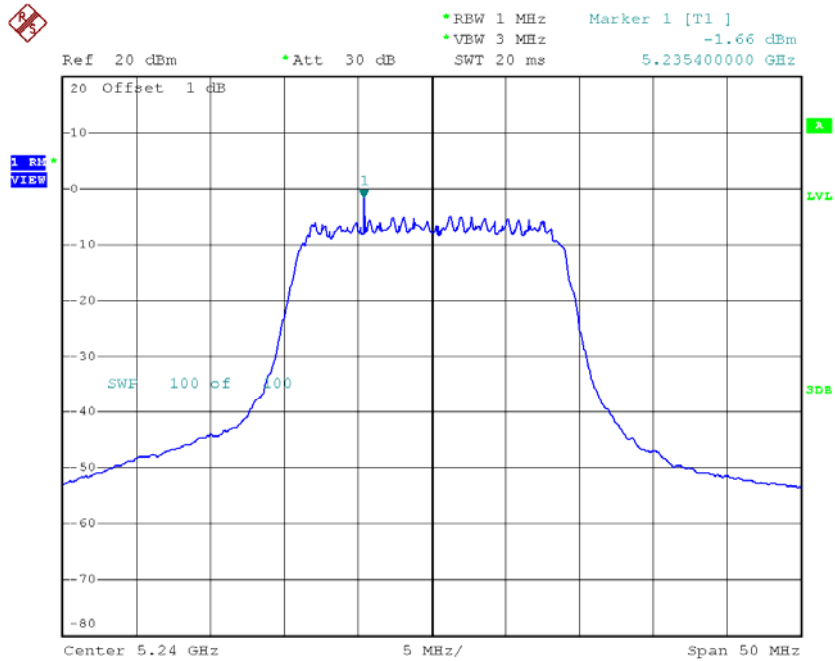
Date: 12.JUN.2016 16:52:08

CH40



Date: 12.JUN.2016 16:53:39

CH48

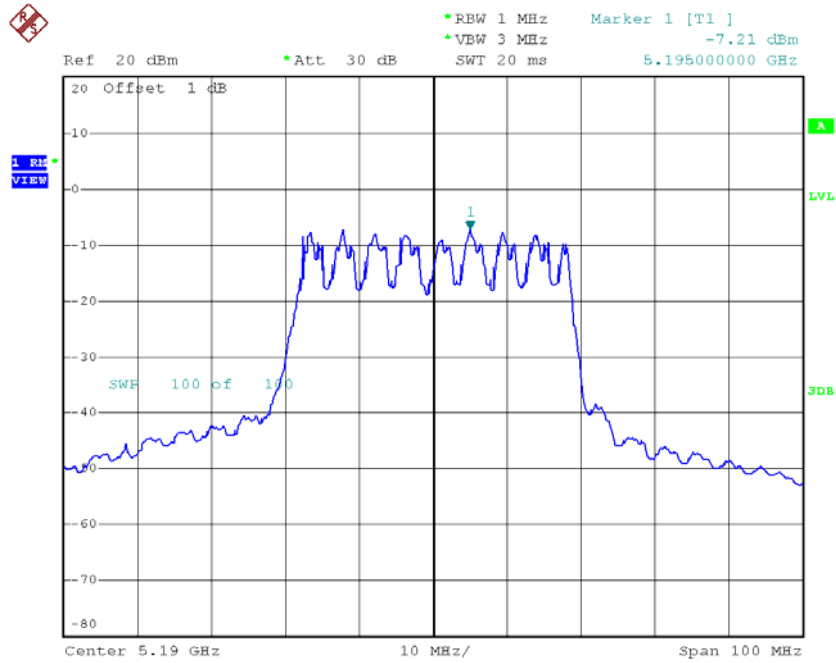


Date: 12.JUN.2016 16:54:40

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

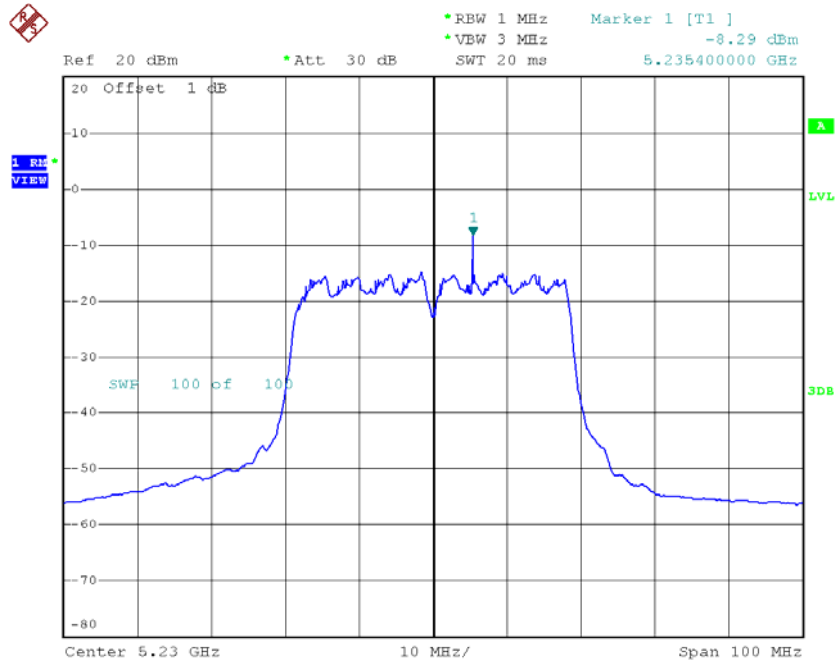
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-7.21	1.25	-5.96	17.00
CH46	5230	-8.29	1.25	-7.04	17.00

CH38



Date: 12.JUN.2016 17:03:19

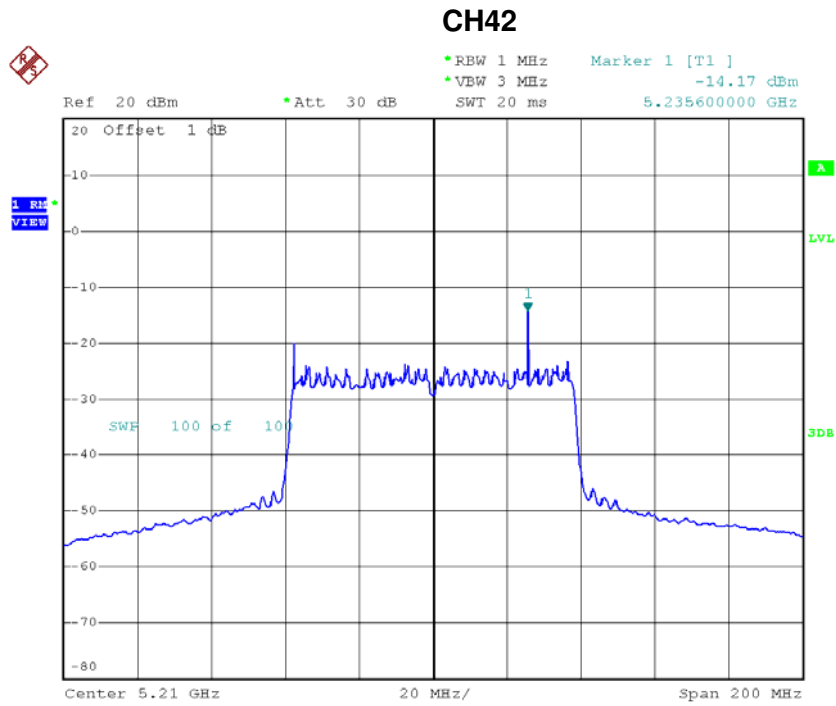
CH46



Date: 12.JUN.2016 17:05:42

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-14.17	2.55	-11.62	17.00

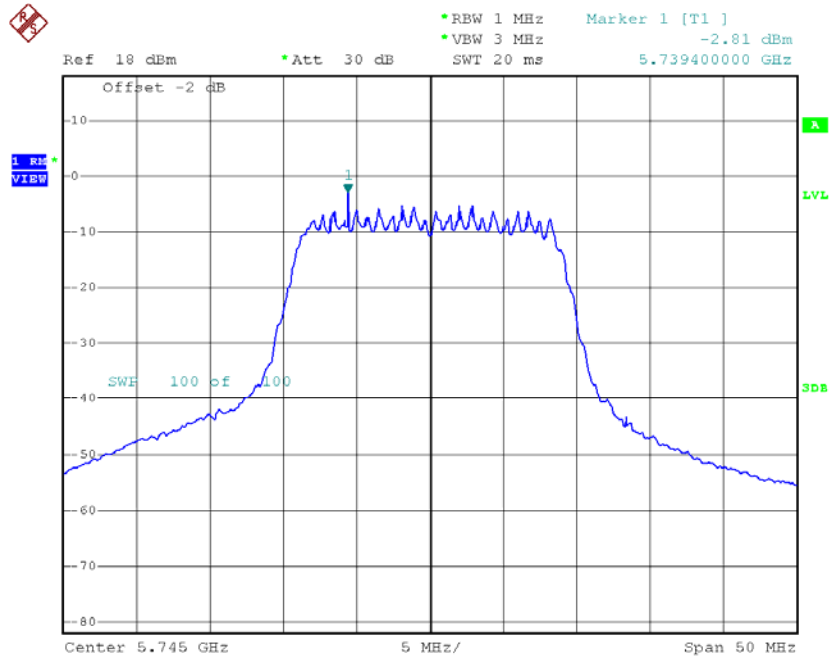


Date: 12.JUN.2016 17:21:00

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

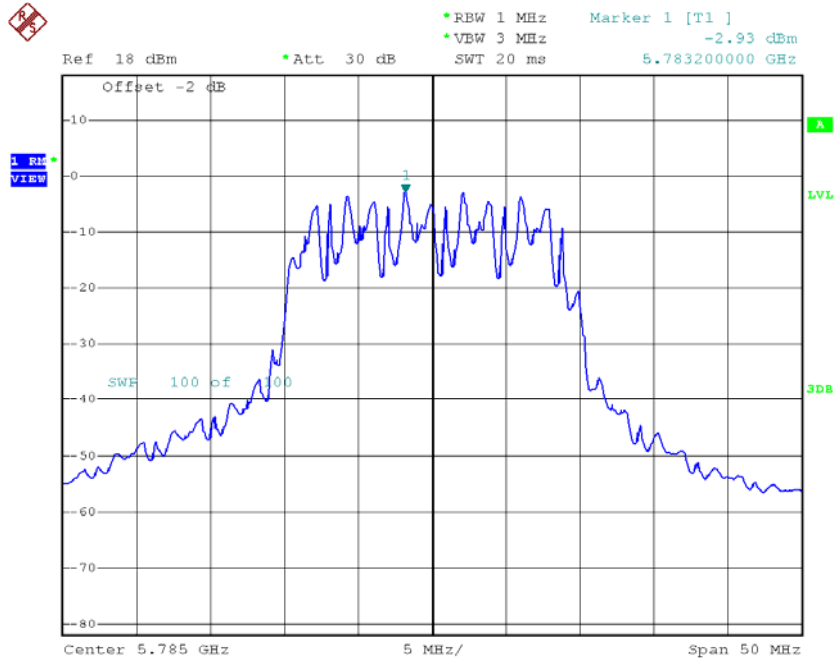
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-2.81	0.66	-2.15	30.00
CH157	5785	-2.93	0.66	-2.27	30.00
CH165	5825	-2.27	0.66	-1.61	30.00

TX CH149



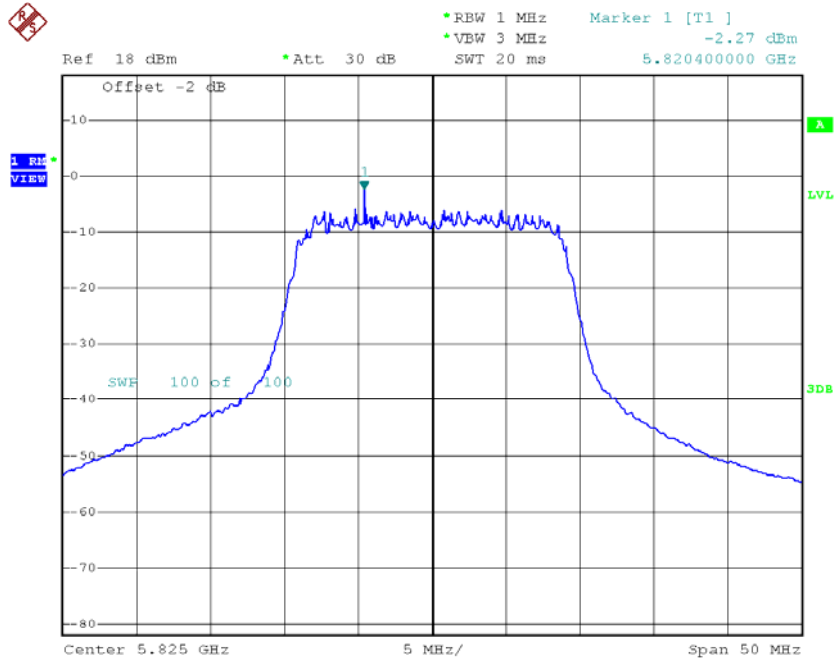
Date: 12.JUN.2016 16:57:51

TX CH157



Date: 12.JUN.2016 16:59:23

TX CH165

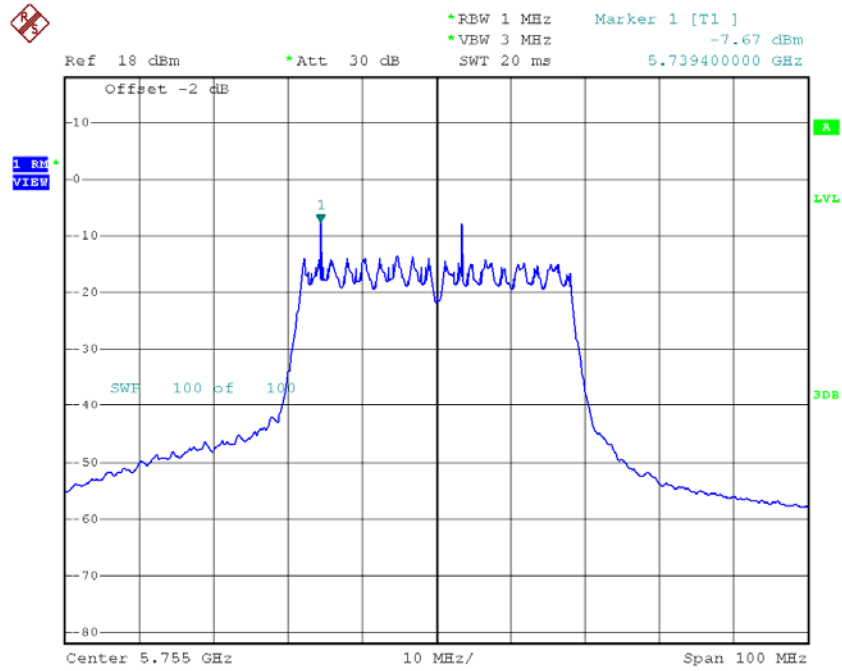


Date: 12.JUN.2016 17:00:38

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

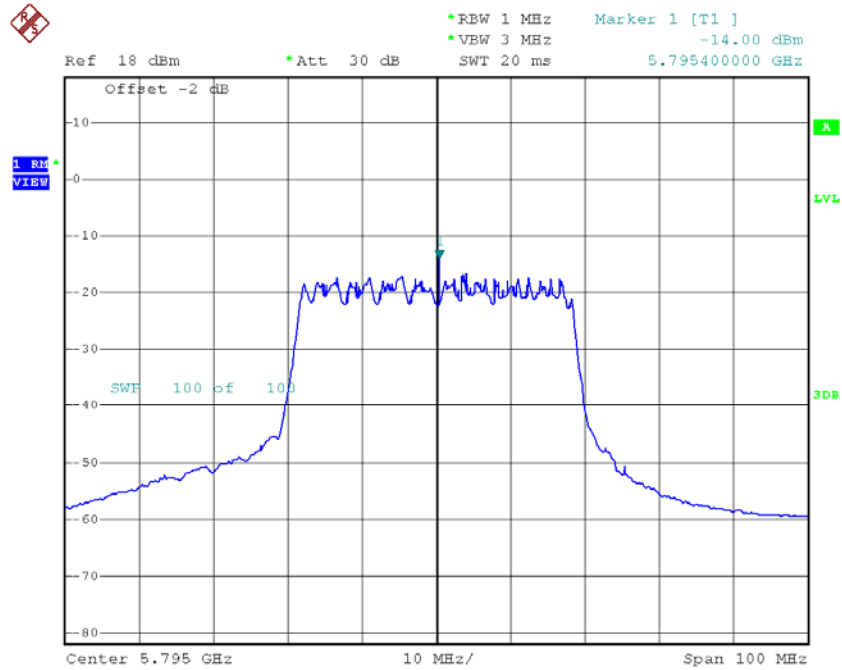
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-7.67	1.25	-6.42	30.00
CH159	5795	-14.00	1.25	-12.75	30.00

TX CH151



Date: 12.JUN.2016 17:08:45

TX CH159

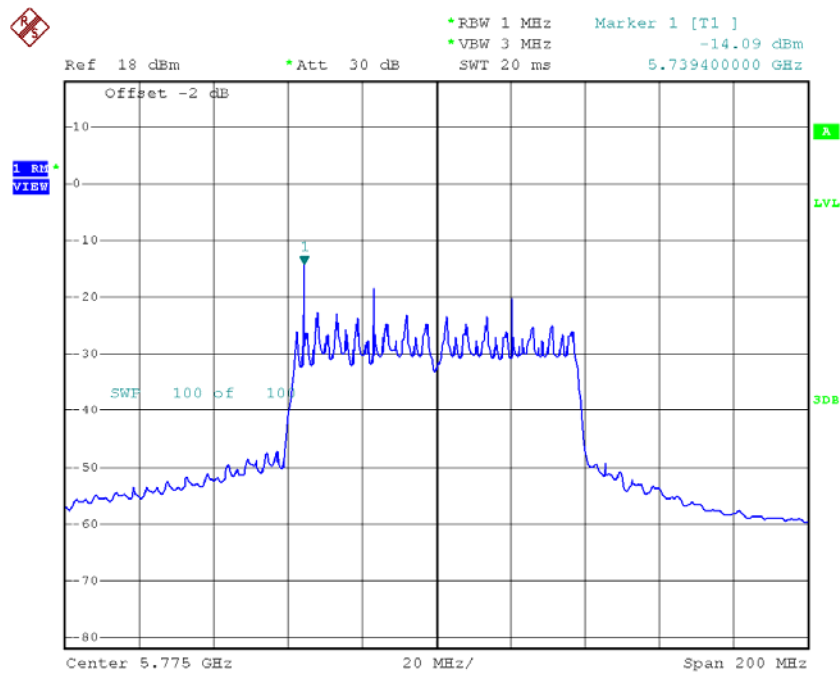


Date: 12.JUN.2016 17:10:51

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH155	5775	-14.09	2.55	-11.54	30.00

TX CH155



Date: 12.JUN.2016 17:24:28

ATTACHMENT-FREQUENCY STABILITY

Test Mode:	UNII-1
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0000
120	5179.9950
108	5180.0000
Max. Deviation (MHz)	0.0000
Max. Deviation (ppm)	0.0000

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
0	5179.9999
10	5179.9999
20	5179.9950
30	5180.0150
40	5180.0150
45	5180.0150
Max. Deviation (MHz)	0.0150
Max. Deviation (ppm)	2.8958

Test Mode:	UNII-3
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0150
120	5745.0150
108	5745.0150
Max. Deviation (MHz)	0.0150
Max. Deviation (ppm)	2.6110

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0000
10	5745.0000
20	5745.0150
30	5745.0000
40	5744.9999
45	5744.9999
Max. Deviation (MHz)	0.0150
Max. Deviation (ppm)	2.6110