FCC Radio Test Report

FCC ID: XU8TEW816DRM

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

Project No.	:	1503C269
Equipment	:	AC750 Wireless VDSL2/ADSL2+ Modem Router
Model Name	:	TEW-816DRM
Applicant	:	TRENDnet, Inc.
Address	:	20675 Manhattan Place, Torrance, CA 90501

Date of Receipt	:	Mar. 31, 2015
Date of Test	:	Mar. 31, 2015 ~ May 25, 2015
Issued Date	:	May 28, 2015
Tested by	:	BTL Inc.

Testing Engineer : (David Mao)

Technical Manager : (Leo Hung)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Limitation

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

Table of Contents Page

1 . CERTIFICATION 7

2 . SUMMARY OF TEST RESULTS 8

2.1 TEST FACILITY 9

2.2 MEASUREMENT UNCERTAINTY 9

3 . GENERAL INFORMATION 10

3.1 GENERAL DESCRIPTION OF EUT 10

3.2 DESCRIPTION OF TEST MODES 12

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING 14

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 16

3.5 DESCRIPTION OF SUPPORT UNITS 16

4 . EMC EMISSION TEST 17

4.1 CONDUCTED EMISSION MEASUREMENT 17

4.1.1 POWER LINE CONDUCTED EMISSION 17

4.1.2 TEST PROCEDURE 17

4.1.3 DEVIATION FROM TEST STANDARD 17

4.1.4 TEST SETUP 18

4.1.5 EUT OPERATING CONDITIONS 18

4.1.6 EUT TEST CONDITIONS 18

4.1.7 TEST RESULTS 18

4.2 RADIATED EMISSION MEASUREMENT 19

4.2.1 RADIATED EMISSION LIMITS 19

4.2.2 TEST PROCEDURE 20

4.2.3 DEVIATION FROM TEST STANDARD 20

4.2.4 TEST SETUP 20

4.2.5 EUT OPERATING CONDITIONS 21

4.2.6 EUT TEST CONDITIONS 21

4.2.7 TEST RESULTS (9K TO 30MHz) 22

4.2.8 TEST RESULTS (30 TO 1000 MHz) 22

4.2.9 TEST RESULTS (ABOVE 1000 MHz) 22

5 . 26dB SPECTRUM BANDWIDTH 23

5.1 APPLIED PROCEDURES / LIMIT 23

5.1.1 TEST PROCEDURE 23

5.1.2 DEVIATION FROM STANDARD 23

5.1.3 TEST SETUP 23

5.1.4 EUT OPERATION CONDITIONS 23

5.1.5 EUT TEST CONDITIONS 24

5.1.6 TEST RESULTS 24

6 . MAXIMUM CONDUCTED OUTPUT POWER 25

Table of Contents Page

6.1 APPLIED PROCEDURES / LIMIT 25
6.1.1 TEST PROCEDURE 25
6.1.2 DEVIATION FROM STANDARD 26
6.1.3 TEST SETUP 26
6.1.4 EUT OPERATION CONDITIONS 26
6.1.5 EUT TEST CONDITIONS 26
6.1.6 TEST RESULTS 26

7 . ANTENNA CONDUCTED SPURIOUS EMISSION 27

7.1 APPLIED PROCEDURES / LIMIT 27
7.1.1 TEST PROCEDURE 27
7.1.2 DEVIATION FROM STANDARD 27
7.1.3 TEST SETUP 27
7.1.4 EUT OPERATION CONDITIONS 27
7.1.5 EUT TEST CONDITIONS 27
7.1.6 TEST RESULTS 27

8 . POWER SPECTRAL DENSITY TEST 28

8.1 APPLIED PROCEDURES / LIMIT 28
8.1.1 TEST PROCEDURE 28
8.1.1 DEVIATION FROM STANDARD 29
8.1.2 TEST SETUP 29
8.1.3 EUT OPERATION CONDITIONS 29
8.1.4 EUT TEST CONDITIONS 29
8.1.5 TEST RESULTS 29

9 . FREQUENCY STABILITY MEASUREMENT 30

9.1 APPLIED PROCEDURES / LIMIT 30
9.1.1 TEST PROCEDURE 30
9.1.2 DEVIATION FROM STANDARD 30
9.1.3 TEST SETUP 31
9.1.4 EUT OPERATION CONDITIONS 31
9.1.5 EUT TEST CONDITIONS 31
9.1.6 TEST RESULTS 31

10 . MEASUREMENT INSTRUMENTS LIST 32

11 . EUT TEST PHOTOS 34

ATTACHMENT A - CONDUCTED EMISSION 38

ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ) 41

ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ) 43

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ) 56

ATTACHMENT E - BANDWIDTH 175

Table of Contents Page

ATTACHMENT F - MAXIMUM OUTPUT POWER 198

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION 203

ATTACHMENT H - POWER SPECTRAL DENSITY 216

ATTACHMENT I - FREQUENCY STABILITY 239

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1503C269	Original Issue.	May 28, 2015

1. CERTIFICATION

Equipment	:	AC750 Wireless VDSL2/ADSL2+ Modem Router
Brand Name	:	TRENDnet
Model Name	:	TEW-816DRM
Applicant	:	TRENDnet, Inc.
Manufacturer	:	TRENDnet, Inc.
Address	:	20675 Manhattan Place, Torrance, CA 90501
Date of Test	:	Mar. 31, 2015 ~ May 25, 2015
Test Sample	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.4: 2009 FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

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-2-1503C269) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)	Note
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	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC750 Wireless VDSL2/ADSL2+ Modem Router	
Brand Name	TRENDnet®	
Model Name	TEW-816DRM	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	433Mbps
	Output Power (Max.)for UNII-1	802.11a: 16.35 dBm 802.11n (20M): 16.26 dBm 802.11n (40M): 15.02 dBm 802.11ac (20M): 16.37 dBm 802.11ac (40M): 13.60 dBm 802.11ac (80M): 12.11 dBm
	Output Power (Max.)for UNII-3	802.11a: 16.32 dBm 802.11n (20M): 15.96 dBm 802.11n (40M): 16.97 dBm 802.11ac (20M): 16.42 dBm 802.11ac (40M): 16.11 dBm 802.11ac (80M): 12.50 dBm
Power Source	DC voltage supplied from AC/DC adapter. Manufacturer: Shenzhen Gongjin Electronics Co.Ltd. Model:S18B72-120A150-0K	
Power Rating	I/P:AC 100-240V 50/60Hz Max. 0.7A O/P: DC 12V 1.5A	

Note:

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

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

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
3	Airgain	M5X35T	Embedded	N/A	2.8	TX/RX

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

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

Note:

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

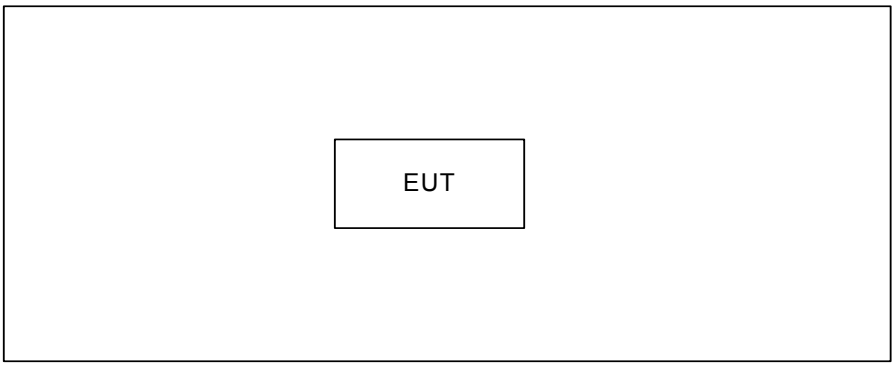
UNII-1			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5180	5200	5240
A Mode	25	22	21
Frequency (MHz)	5180	5200	5240
N20 Mode	24	22	20
Frequency (MHz)	5190	5230	
N40 Mode	18	1E	

UNII-3			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5745	5785	5825
A Mode	0D	0B	0B
Frequency (MHz)	5745	5785	5825
N20 Mode	0E	0F	0E
Frequency (MHz)	5755	5795	
N40 Mode	8	0D	

UNII-1			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5180	5200	5240
AC20 Mode	24	23	22
Frequency (MHz)	5190	5230	
AC40 Mode	18	1E	
Frequency (MHz)	5210		
AC80 Mode	13		

UNII-3			
Test Software Version	MT76xxE_AP		
Frequency (MHz)	5745	5785	5825
AC20 Mode	0D	0B	0C
Frequency (MHz)	5755	5795	
AC40 Mode	9	0D	
Frequency (MHz)	5775		
AC80 Mode	6		

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.	Note
-	-	-	-	-	-	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value - Limit Value

4.1.2 TEST PROCEDURE

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

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

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

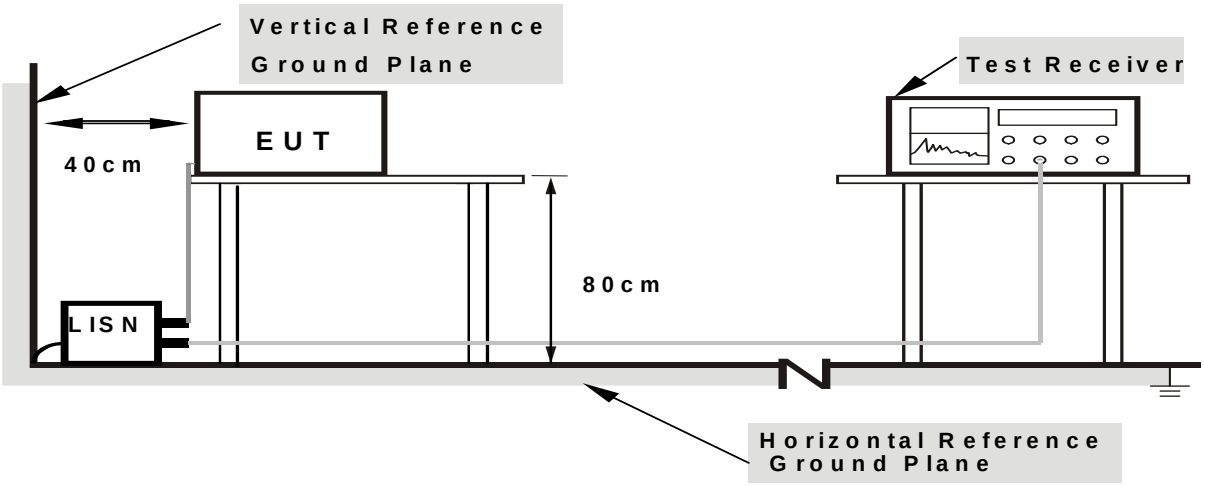
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Note:

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

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

4.2.2 TEST PROCEDURE

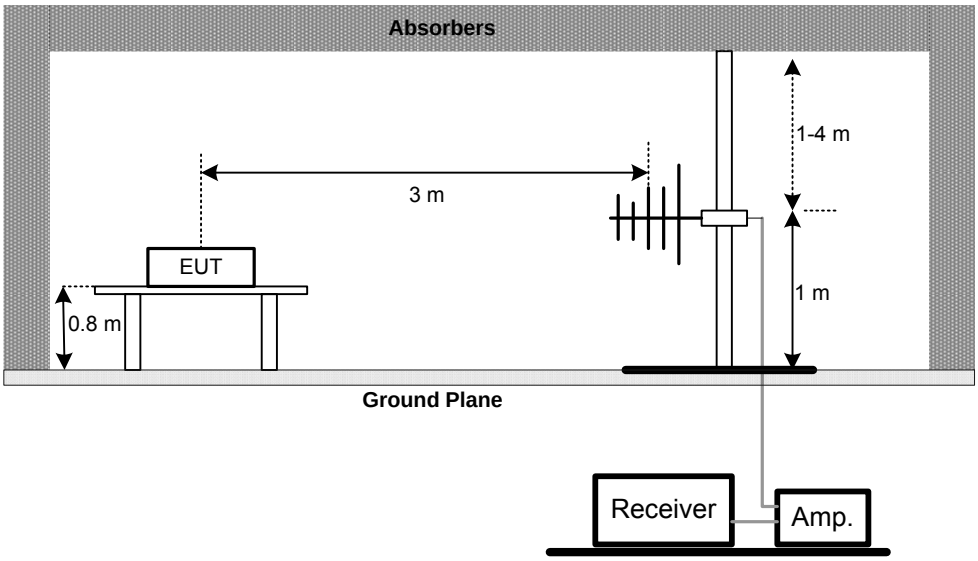
a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated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

4.2.3 DEVIATION FROM TEST STANDARD

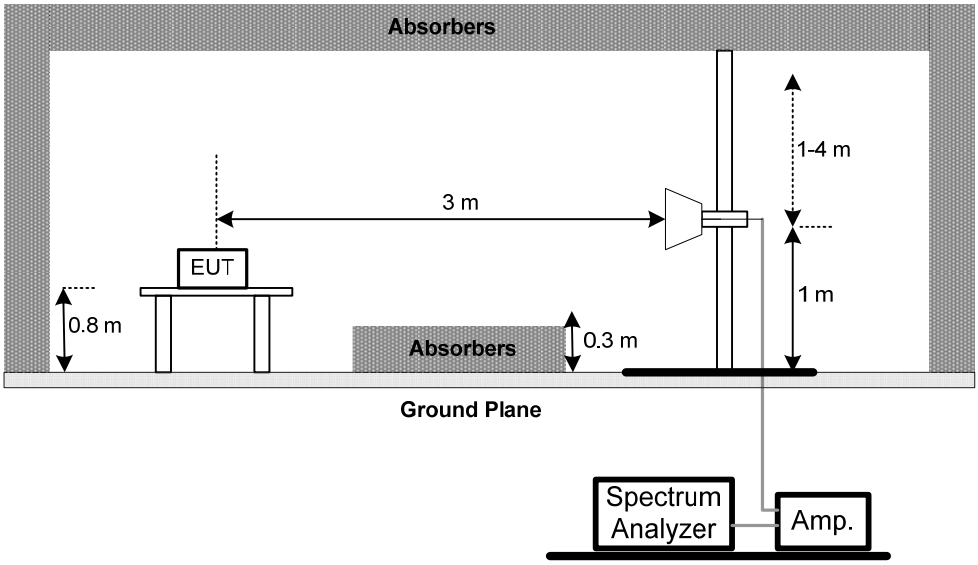
No deviation

4.2.4 TEST SETUP

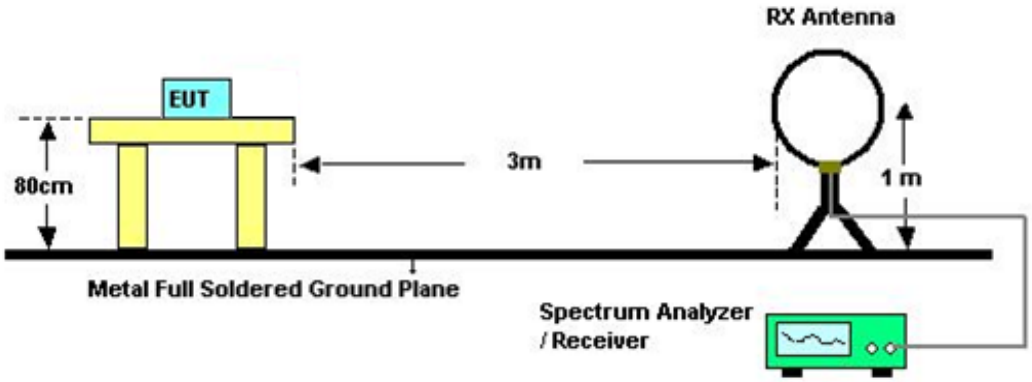
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120kHz；SPA setting in RBW=120kHz, VBW =120kHz, Swp. Time = 0.3 sec./MHz.
(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.
(3) Measuring frequency range from 30MHz to 1000MHz.
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) Spectrum Setting: 30MHz – 1000MHz , RBW= 100kHz, VBW=100kHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn‘t perform.
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
(4) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(6) EUT Orthogonal Axes:
“X” - denotes Laid on Table；”Y” - denotes Vertical Stand；”Z” - denotes Side Stand
(7) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
(8) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

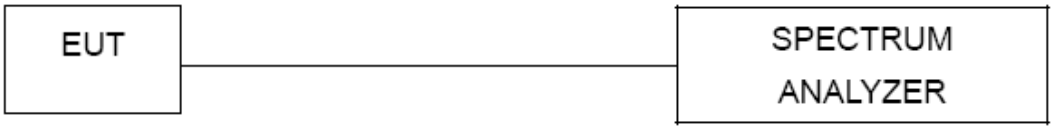
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

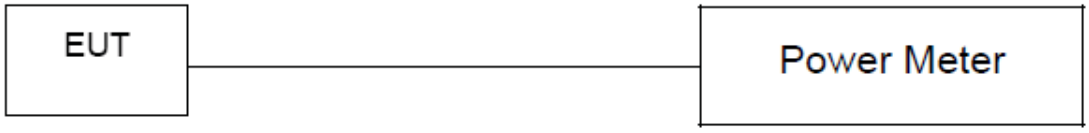
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	⩾ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

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

7.1.1 TEST PROCEDURE

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

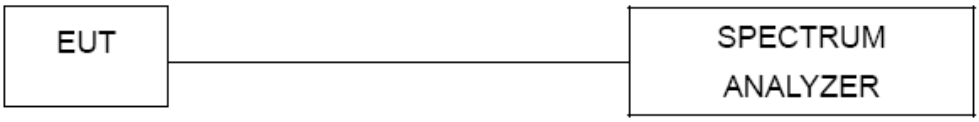
b.

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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

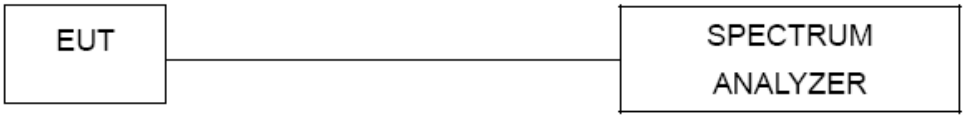
Note:

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

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

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

8.1.4 EUT TEST CONDITIONS

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

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

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

9.1.1 TEST PROCEDURE

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

b.

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

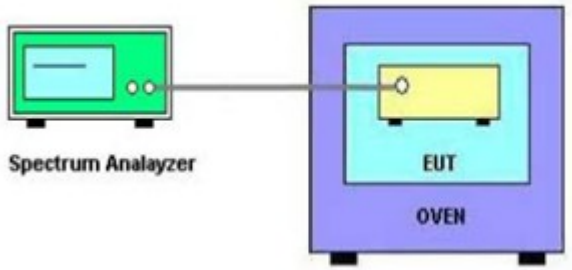
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

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

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	N/A	C_17	N/A	Mar. 13, 2016
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 01, 2015
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 28, 2016
7	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
8	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
9	Test Cable	N/A	C-68	N/A	Jul. 01, 2015
10	Controller	CT	SC100	N/A	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 16, 2015
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

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

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 23, 2016

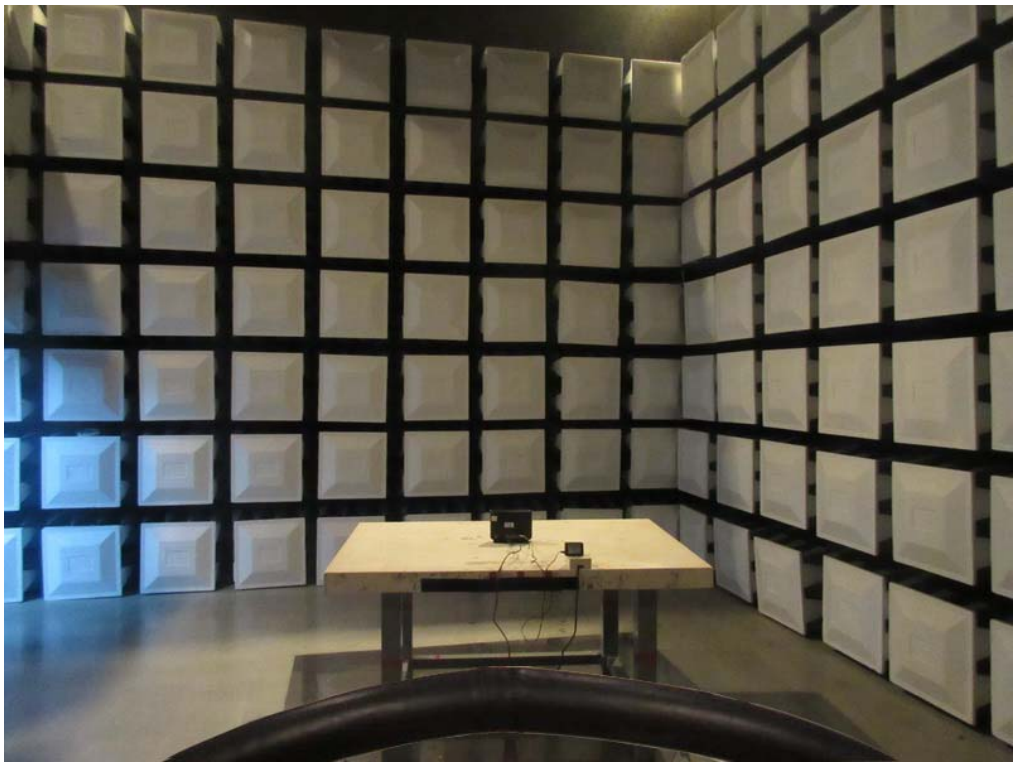
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

11. EUT TEST PHOTOS

Conducted Measurement Photos

Radiated Measurement Photos

9kHz to 30MHz

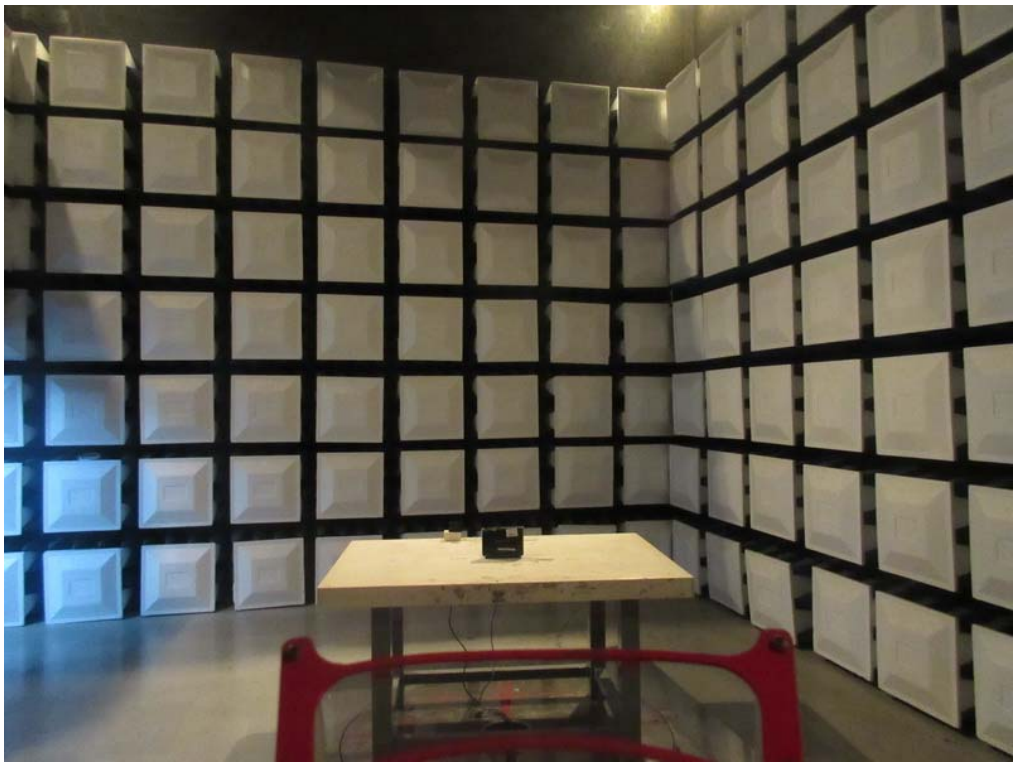


Radiated Measurement Photos

30MHz to 1000MHz

Radiated Measurement Photos

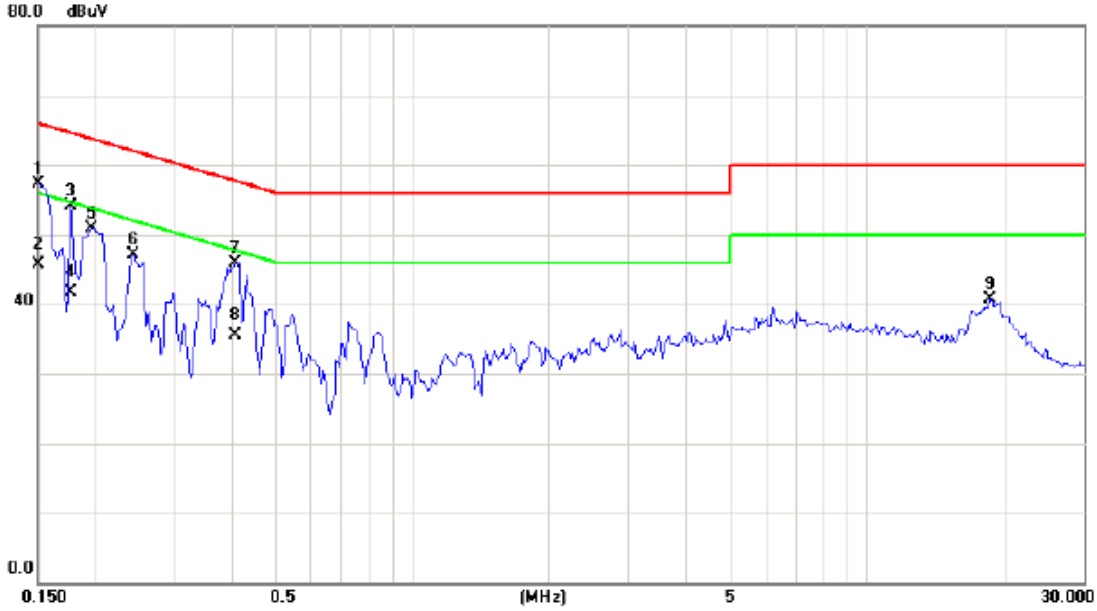
Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

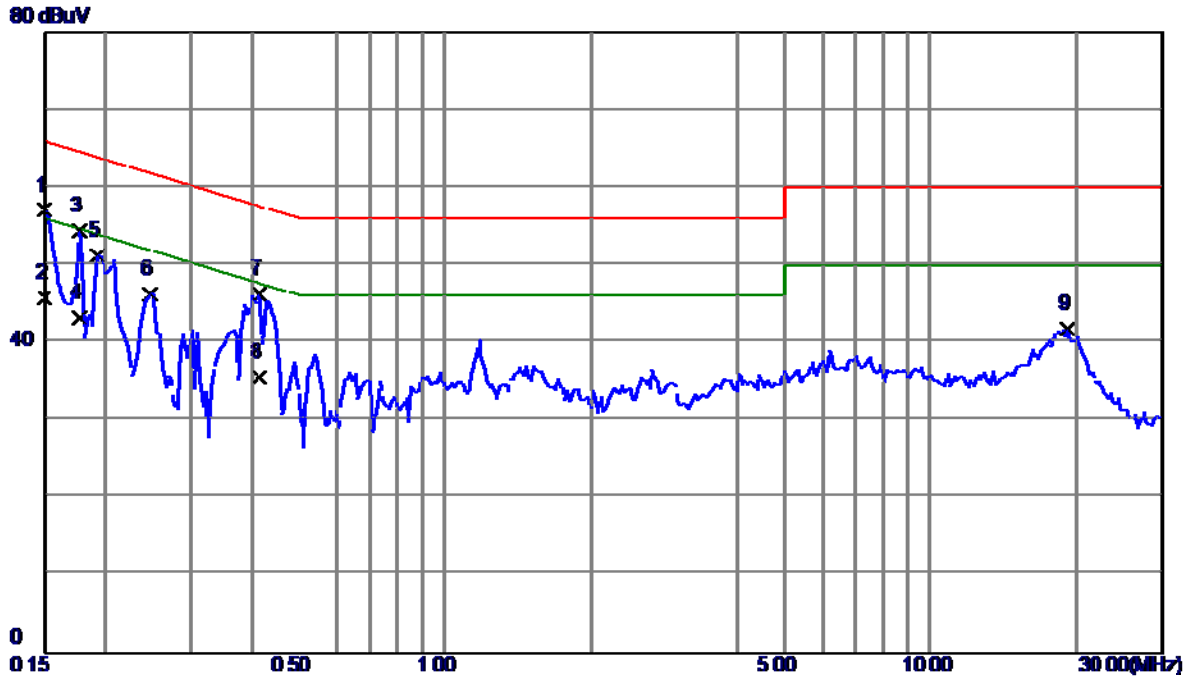


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	47.93	9.45	57.38	66.00	-8.62	peak	
2		0.1500	36.16	9.45	45.61	56.00	-10.39	AVG	
3		0.1773	44.57	9.46	54.03	64.61	-10.58	peak	
4		0.1773	32.16	9.46	41.62	54.61	-12.99	AVG	
5		0.1968	41.46	9.47	50.93	63.74	-12.81	peak	
6		0.2436	37.65	9.49	47.14	61.97	-14.83	peak	
7		0.4078	36.34	9.56	45.90	57.69	-11.79	peak	
8		0.4078	25.97	9.56	35.53	47.69	-12.16	AVG	
9		18.6992	30.98	9.72	40.70	60.00	-19.30	peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	47.48	9.56	57.04	66.00	-8.96	Peak	
2	0.1500	36.19	9.56	45.75	56.00	-10.25	AVG	
3	0.1773	44.81	9.55	54.36	64.61	-10.25	Peak	
4	0.1773	33.69	9.55	43.24	54.61	-11.37	AVG	
5	0.1930	41.67	9.54	51.21	63.91	-12.70	Peak	
6	0.2476	36.70	9.54	46.24	61.84	-15.60	Peak	
7	0.4156	36.64	9.54	46.18	57.54	-11.36	Peak	
8	0.4156	25.97	9.54	35.51	47.54	-12.03	AVG	
9	19.1953	32.10	9.71	41.81	60.00	-18.19	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

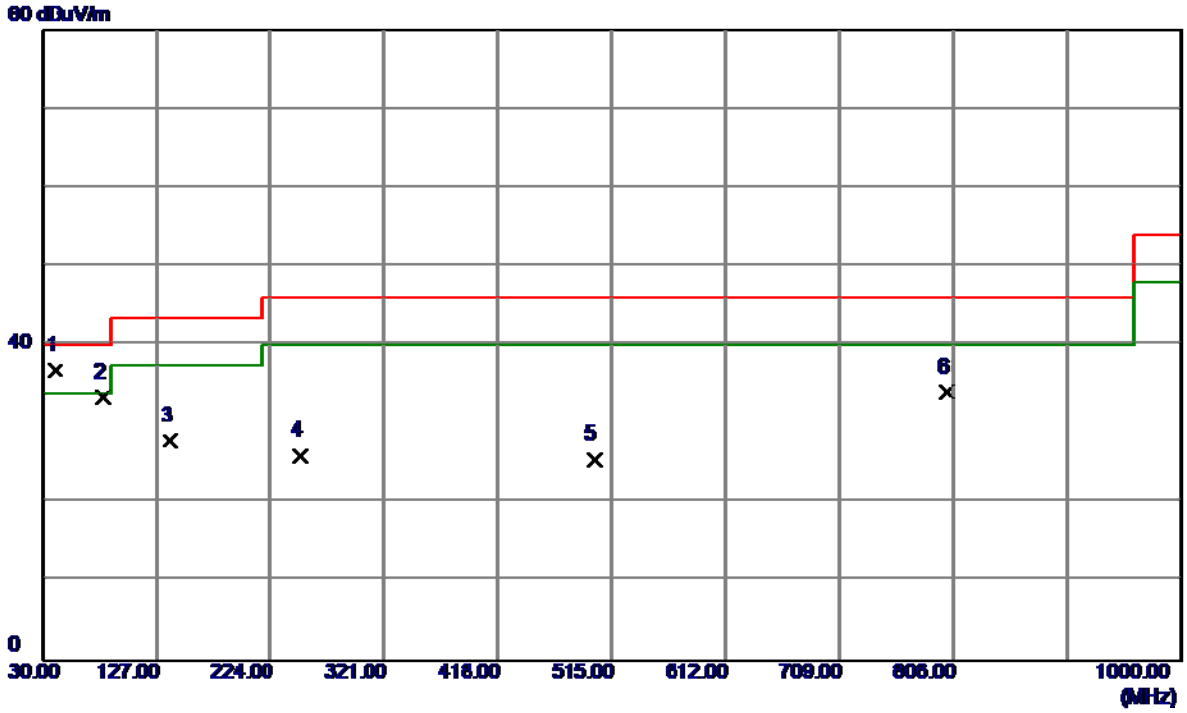
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.00943	0°	7.21	24.9694	32.1794	128.1140	-95.9346	AVG
0.00943	0°	9.48	24.9694	34.4494	148.1140	-113.6646	PEAK
0.0237	0°	5.25	24.0657	29.3157	120.1093	-90.7936	AVG
0.0237	0°	7.29	24.0657	31.3557	140.1093	-108.7536	PEAK
0.0318	0°	5.48	23.5527	29.0327	117.5557	-88.5230	AVG
0.0318	0°	7.38	23.5527	30.9327	137.5557	-106.6230	PEAK
0.0429	0°	3.51	22.8497	26.3597	114.9551	-88.5954	AVG
0.0429	0°	5.64	22.8497	28.4897	134.9551	-106.4654	PEAK
0.4912	0°	17.74	19.8211	37.5611	73.7791	-36.2179	QP
1.7156	0°	25.99	19.5284	45.5184	69.5400	-24.0216	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.00941	90°	6.03	24.3000	30.3300	128.1324	-97.8024	AVG
0.00941	90°	8.19	24.3000	32.4900	148.1324	-115.6424	PEAK
0.0253	90°	4.61	23.9643	28.5743	119.5418	-90.9675	AVG
0.0253	90°	6.92	23.9643	30.8843	139.5418	-108.6575	PEAK
0.0311	90°	3.06	23.5970	26.6570	117.7490	-91.0920	AVG
0.0311	90°	6.08	23.5970	29.6770	137.7490	-108.0720	PEAK
0.0438	90°	0.31	22.7927	23.1027	114.7747	-91.6721	AVG
0.0438	90°	3.31	22.7927	26.1027	134.7747	-108.6721	PEAK
0.4917	90°	19.13	19.8199	38.9499	73.7702	-34.8203	QP
1.7162	90°	24.22	19.5284	43.7484	69.5400	-25.7916	QP

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

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

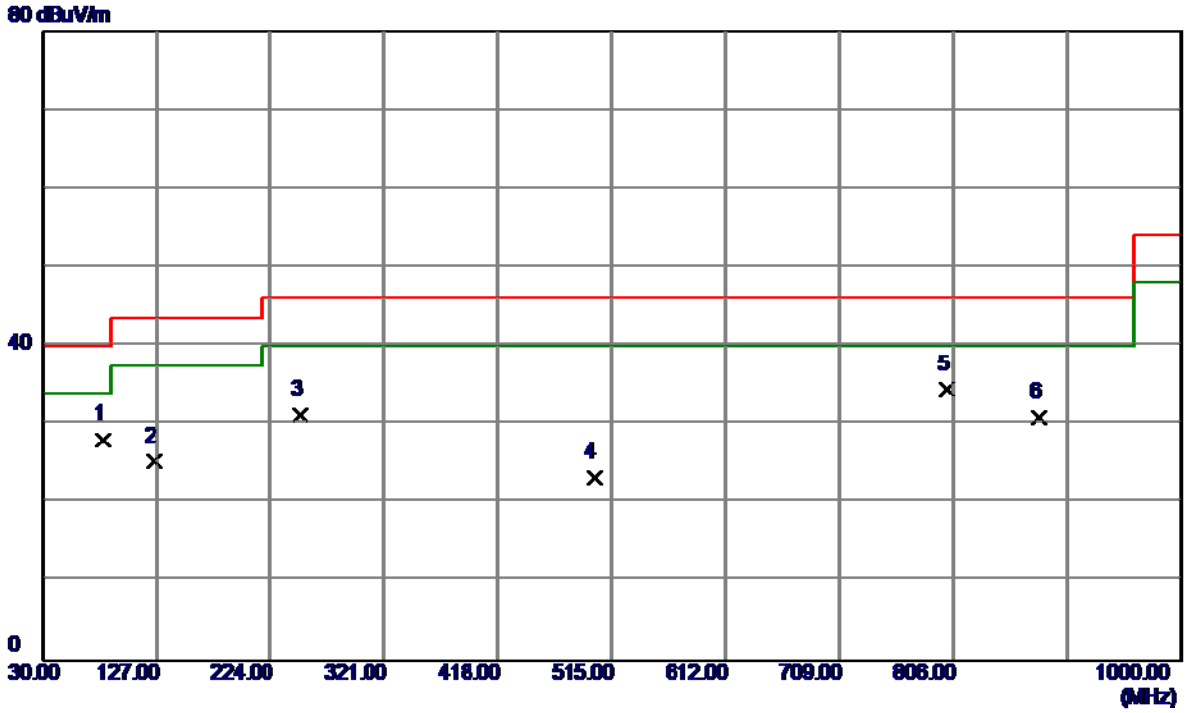
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	50.93	-14.16	36.77	40.00	-3.23	Peak	
2	81.4100	50.59	-17.23	33.36	40.00	-6.64	Peak	
3	138.6400	41.03	-13.15	27.88	43.50	-15.62	Peak	
4	250.1900	40.00	-14.02	25.98	46.00	-20.02	Peak	
5	500.4500	36.00	-10.50	25.50	46.00	-20.50	Peak	
6	800.1800	36.89	-2.89	34.00	46.00	-12.00	Peak	

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

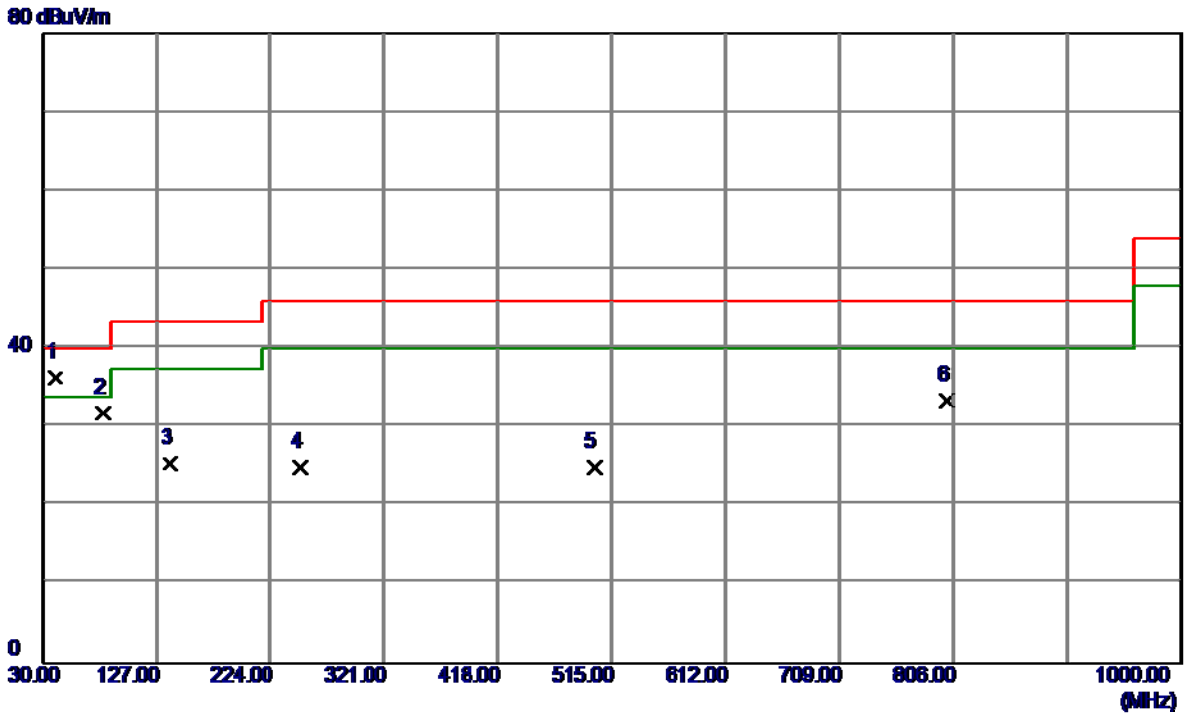
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	81.4100	45.31	-17.23	28.08	40.00	-11.92	Peak	
2	125.0600	38.91	-13.63	25.28	43.50	-18.22	Peak	
3	250.1900	45.16	-14.02	31.14	46.00	-14.86	Peak	
4	500.4500	33.67	-10.50	23.17	46.00	-22.83	Peak	
5	800.1800	37.30	-2.89	34.41	46.00	-11.59	Peak	
6	879.7200	33.06	-2.19	30.87	46.00	-15.13	Peak	

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

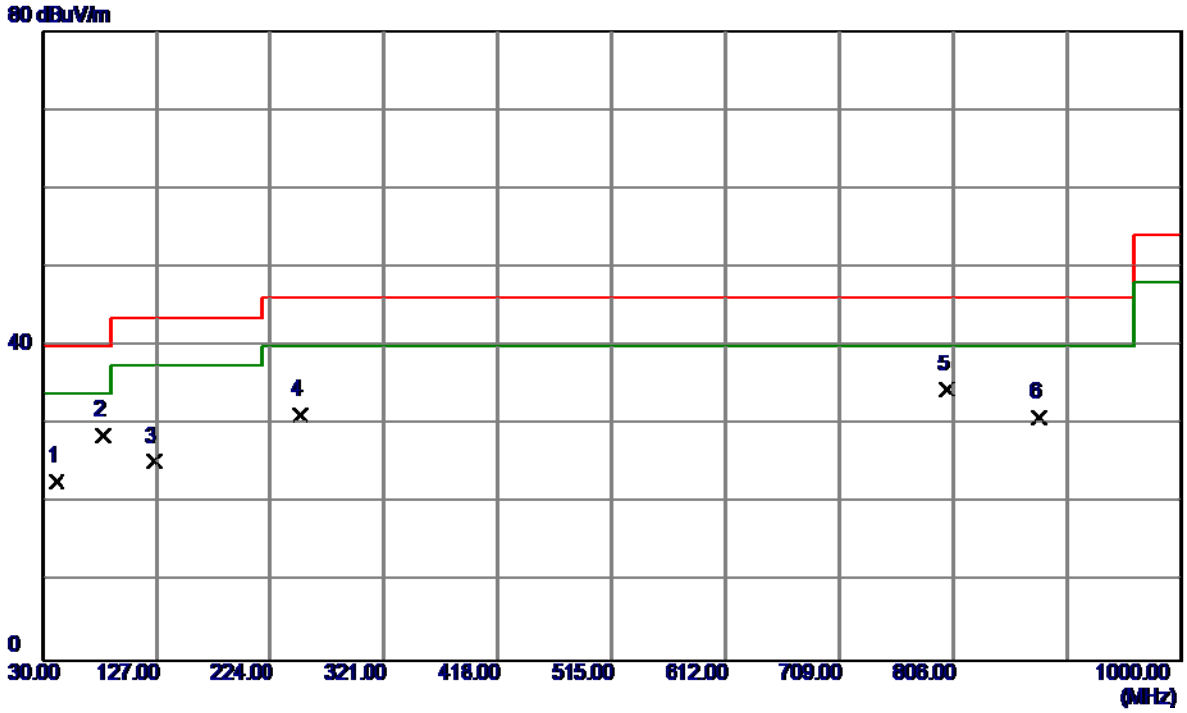
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	50.43	-14.16	36.27	40.00	-3.73	Peak	
2	81.4100	49.09	-17.23	31.86	40.00	-8.14	Peak	
3	138.6400	38.53	-13.15	25.38	43.50	-18.12	Peak	
4	250.1900	39.00	-14.02	24.98	46.00	-21.02	Peak	
5	500.4500	35.50	-10.50	25.00	46.00	-21.00	Peak	
6	800.1800	36.39	-2.89	33.50	46.00	-12.50	Peak	

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

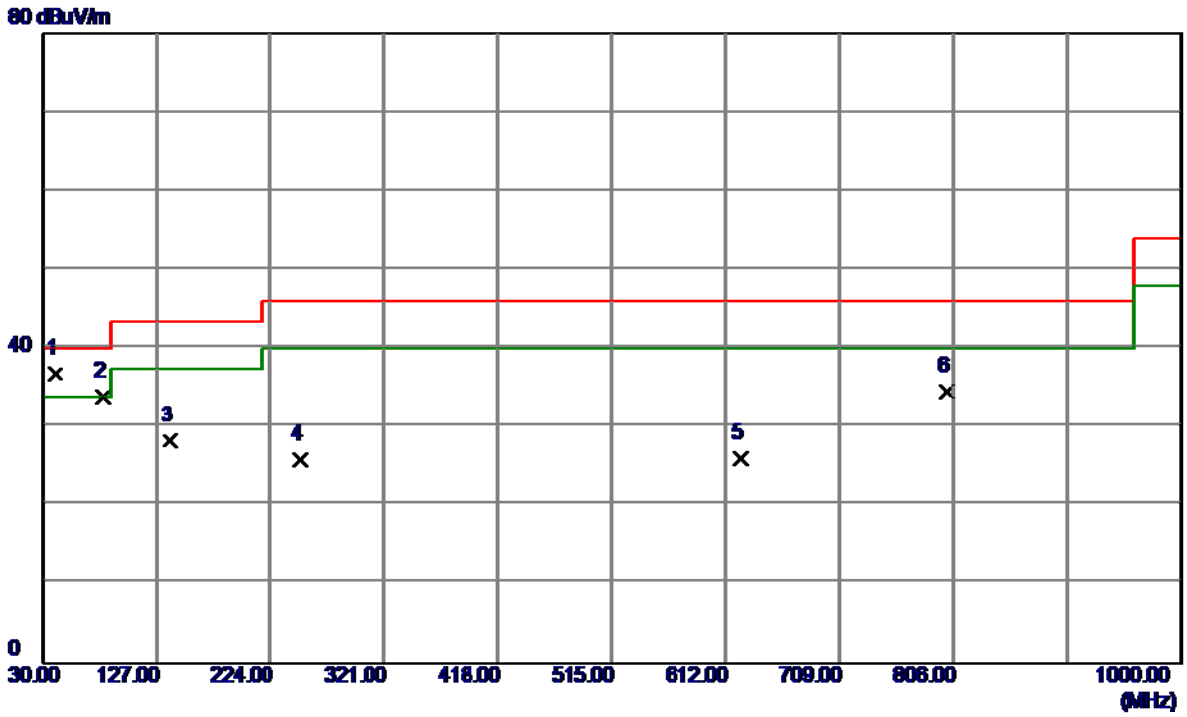
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	41.6400	36.74	-14.02	22.72	40.00	-17.28	Peak	
2	81.4100	45.81	-17.23	28.58	40.00	-11.42	Peak	
3	125.0600	38.91	-13.63	25.28	43.50	-18.22	Peak	
4	250.1900	45.16	-14.02	31.14	46.00	-14.86	Peak	
5	800.1800	37.30	-2.89	34.41	46.00	-11.59	Peak	
6	879.7200	33.06	-2.19	30.87	46.00	-15.13	Peak	

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

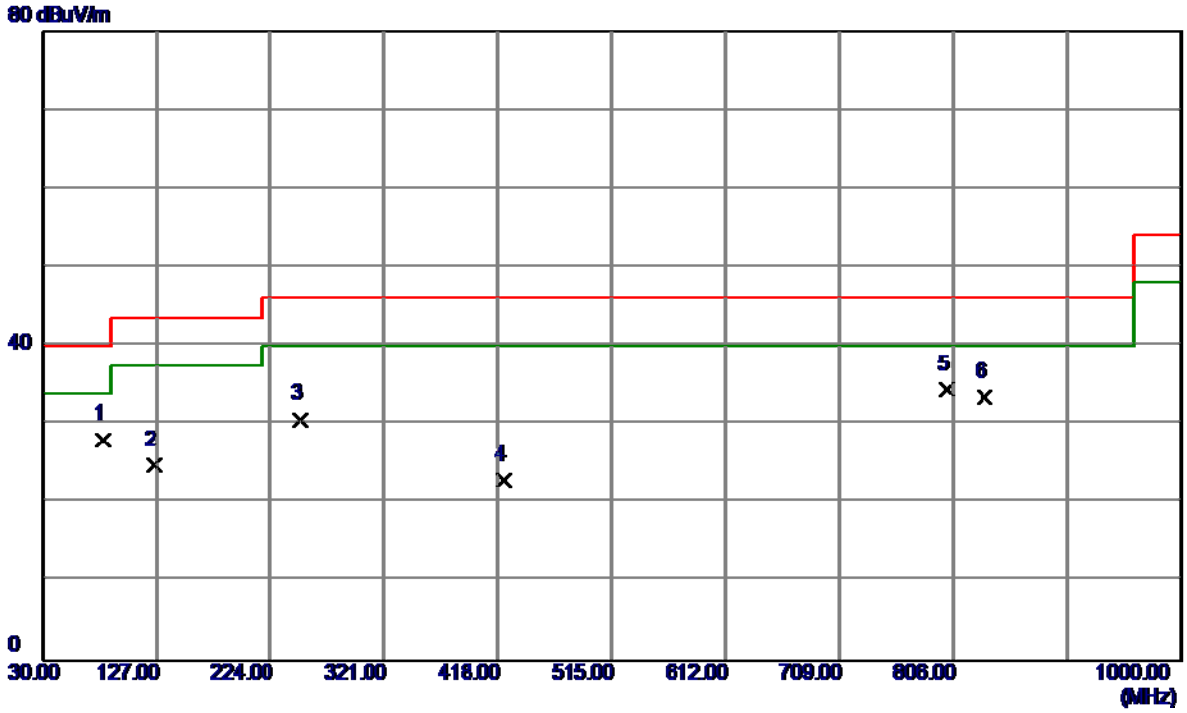
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	50.93	-14.16	36.77	40.00	-3.23	Peak	
2	81.4100	51.09	-17.23	33.86	40.00	-6.14	Peak	
3	138.6400	41.53	-13.15	28.38	43.50	-15.12	Peak	
4	250.1900	40.00	-14.02	25.98	46.00	-20.02	Peak	
5	624.6100	32.67	-6.55	26.12	46.00	-19.88	Peak	
6	800.1800	37.39	-2.89	34.50	46.00	-11.50	Peak	

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

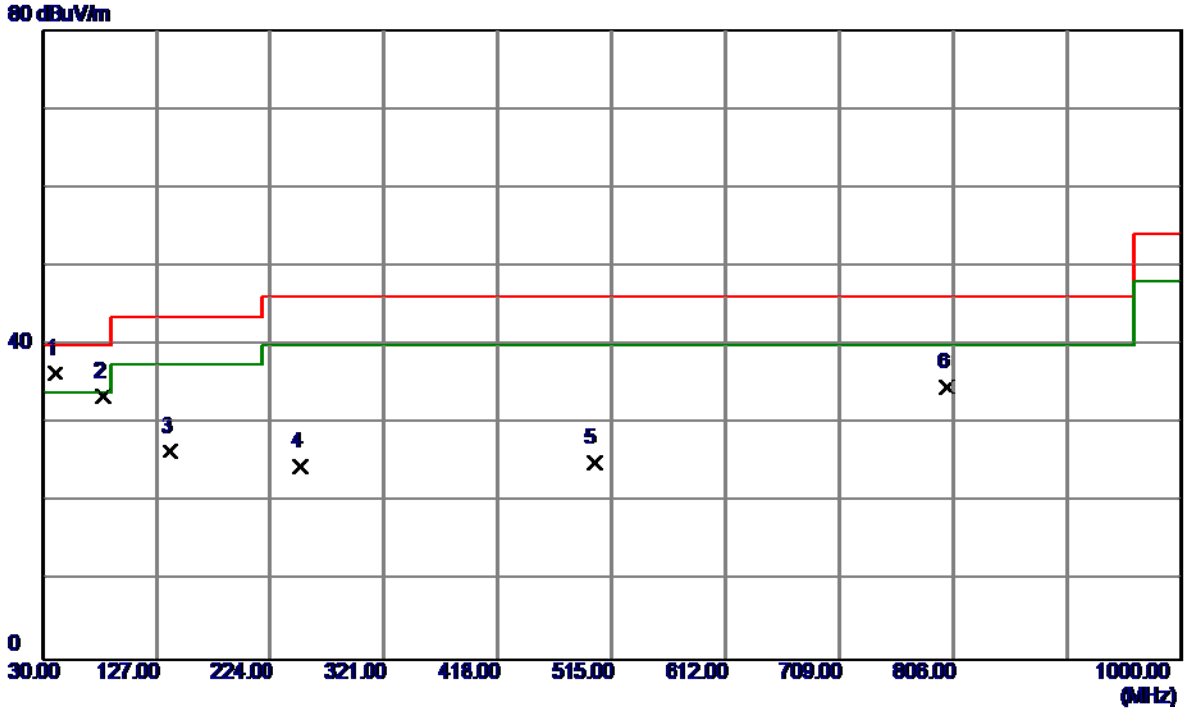
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	81.4100	45.31	-17.23	28.08	40.00	-11.92	Peak	
2	125.0600	38.41	-13.63	24.78	43.50	-18.72	Peak	
3	250.1900	44.66	-14.02	30.64	46.00	-15.36	Peak	
4	423.8200	31.91	-9.10	22.81	46.00	-23.19	Peak	
5	800.1800	37.30	-2.89	34.41	46.00	-11.59	Peak	
6	833.1599	36.50	-3.06	33.44	46.00	-12.56	Peak	

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

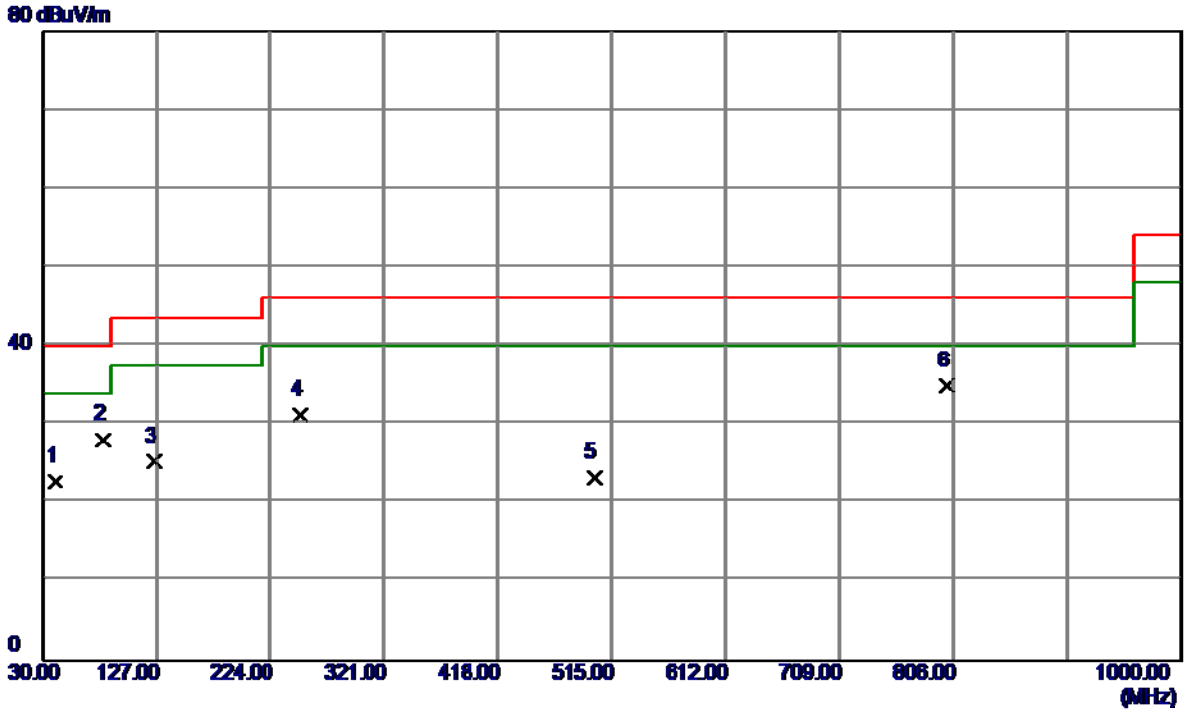
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	50.43	-14.16	36.27	40.00	-3.73	Peak	
2	81.4100	50.59	-17.23	33.36	40.00	-6.64	Peak	
3	138.6400	39.53	-13.15	26.38	43.50	-17.12	Peak	
4	250.1900	38.50	-14.02	24.48	46.00	-21.52	Peak	
5	500.4500	35.50	-10.50	25.00	46.00	-21.00	Peak	
6	800.1800	37.39	-2.89	34.50	46.00	-11.50	Peak	

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

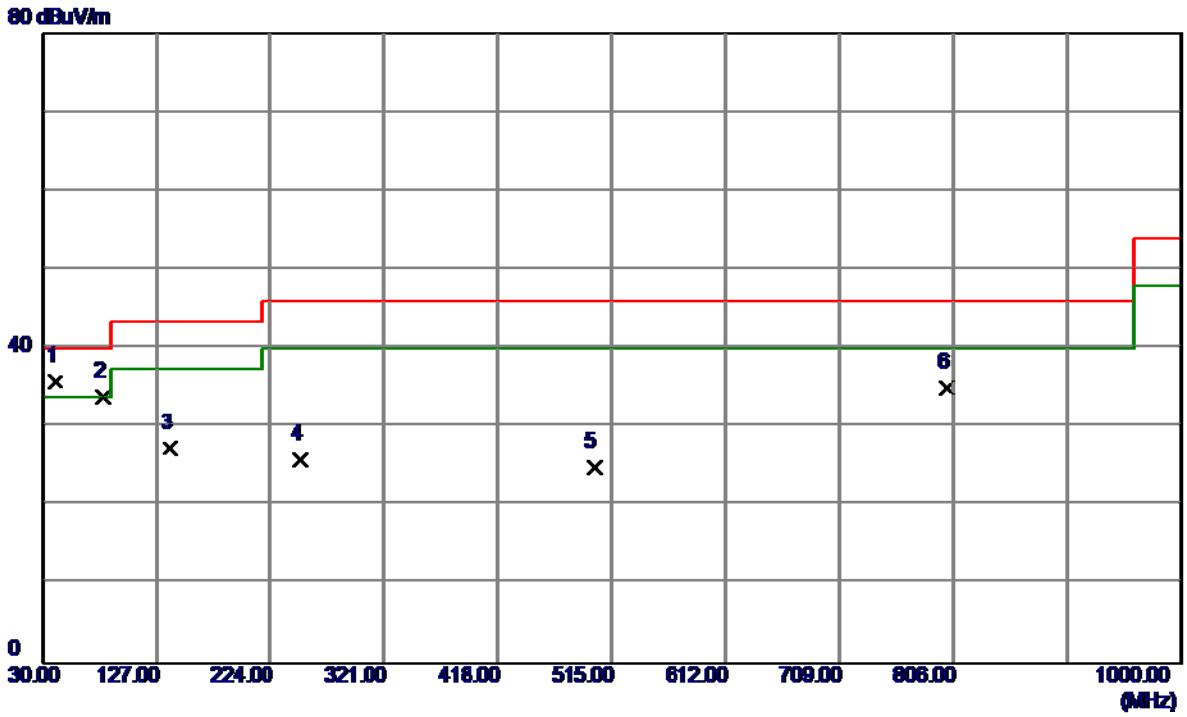
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	36.86	-14.16	22.70	40.00	-17.30	Peak	
2	81.4100	45.31	-17.23	28.08	40.00	-11.92	Peak	
3	125.0600	38.91	-13.63	25.28	43.50	-18.22	Peak	
4	250.1900	45.16	-14.02	31.14	46.00	-14.86	Peak	
5	500.4500	33.67	-10.50	23.17	46.00	-22.83	Peak	
6	800.1800	37.80	-2.89	34.91	46.00	-11.09	Peak	

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

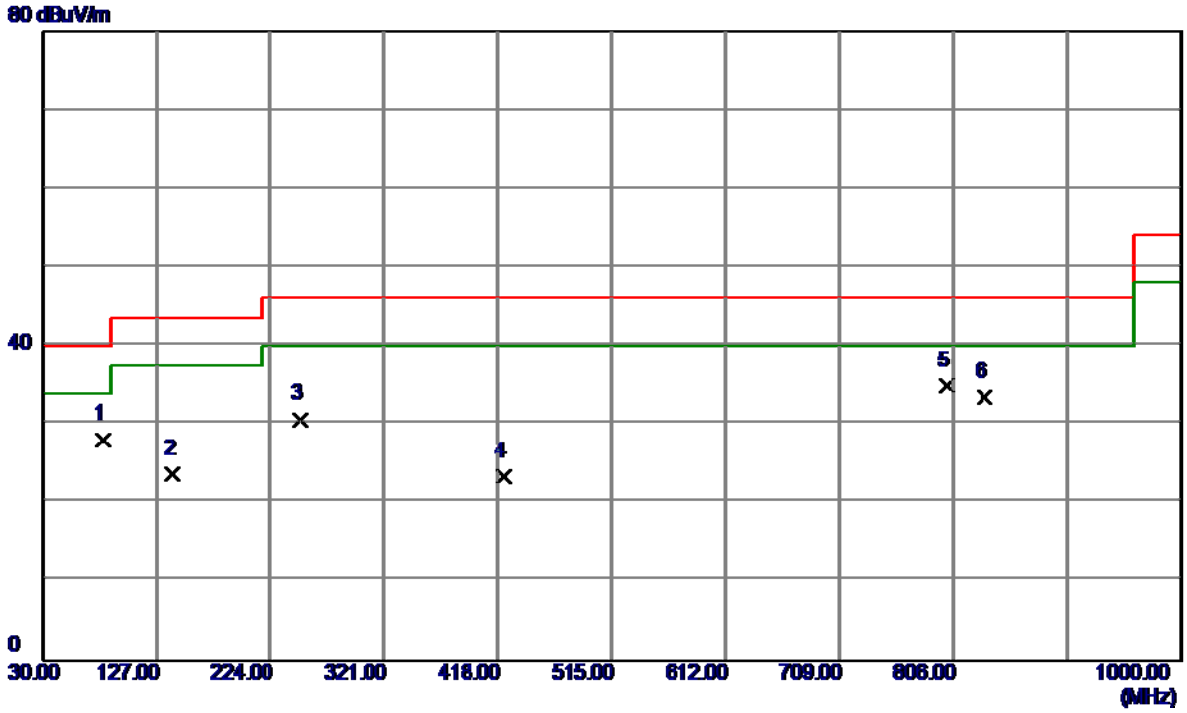
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	49.93	-14.16	35.77	40.00	-4.23	Peak	
2	81.4100	51.09	-17.23	33.86	40.00	-6.14	Peak	
3	138.6400	40.53	-13.15	27.38	43.50	-16.12	Peak	
4	250.1900	40.00	-14.02	25.98	46.00	-20.02	Peak	
5	500.4500	35.50	-10.50	25.00	46.00	-21.00	Peak	
6	800.1800	37.89	-2.89	35.00	46.00	-11.00	Peak	

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

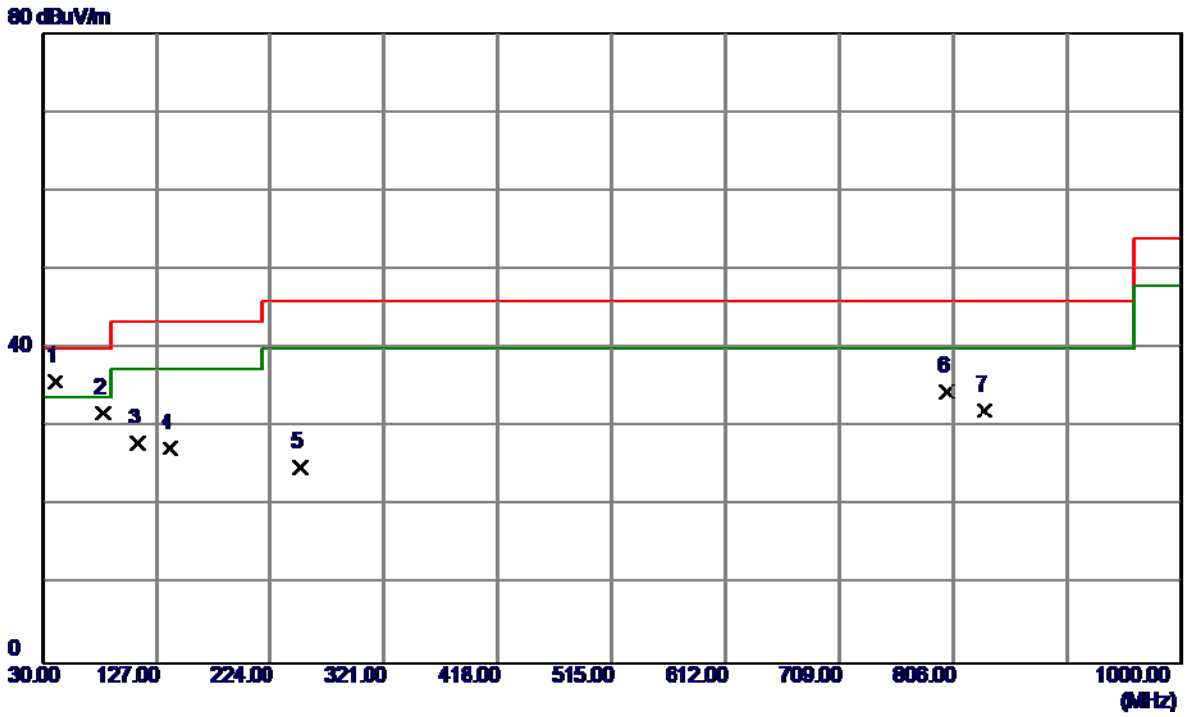
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	81.4100	45.31	-17.23	28.08	40.00	-11.92	Peak	
2	141.5500	36.91	-13.16	23.75	43.50	-19.75	Peak	
3	250.1900	44.66	-14.02	30.64	46.00	-15.36	Peak	
4	423.8200	32.41	-9.10	23.31	46.00	-22.69	Peak	
5	800.1800	37.80	-2.89	34.91	46.00	-11.09	Peak	
6	833.1599	36.50	-3.06	33.44	46.00	-12.56	Peak	

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

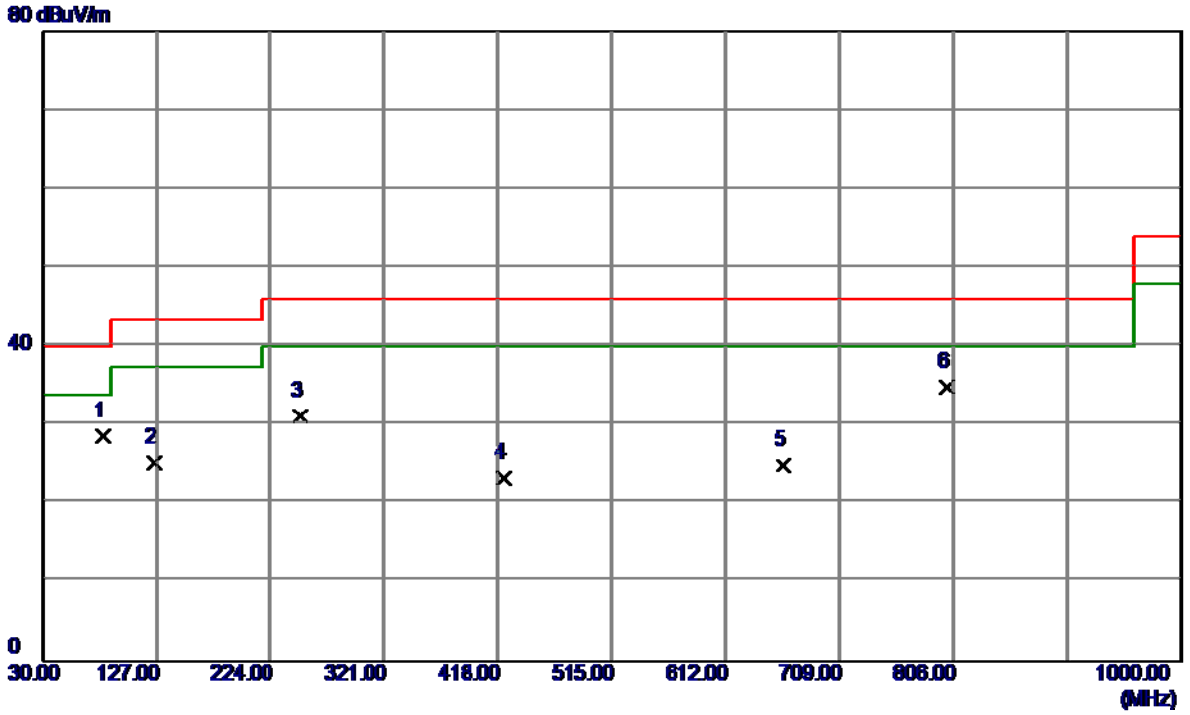
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	49.93	-14.16	35.77	40.00	-4.23	Peak	
2	81.4100	49.09	-17.23	31.86	40.00	-8.14	Peak	
3	110.5100	43.30	-15.23	28.07	43.50	-15.43	Peak	
4	138.6400	40.53	-13.15	27.38	43.50	-16.12	Peak	
5	250.1900	39.00	-14.02	24.98	46.00	-21.02	Peak	
6	800.1800	37.39	-2.89	34.50	46.00	-11.50	Peak	
7	833.1599	35.23	-3.06	32.17	46.00	-13.83	Peak	

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

Horizontal

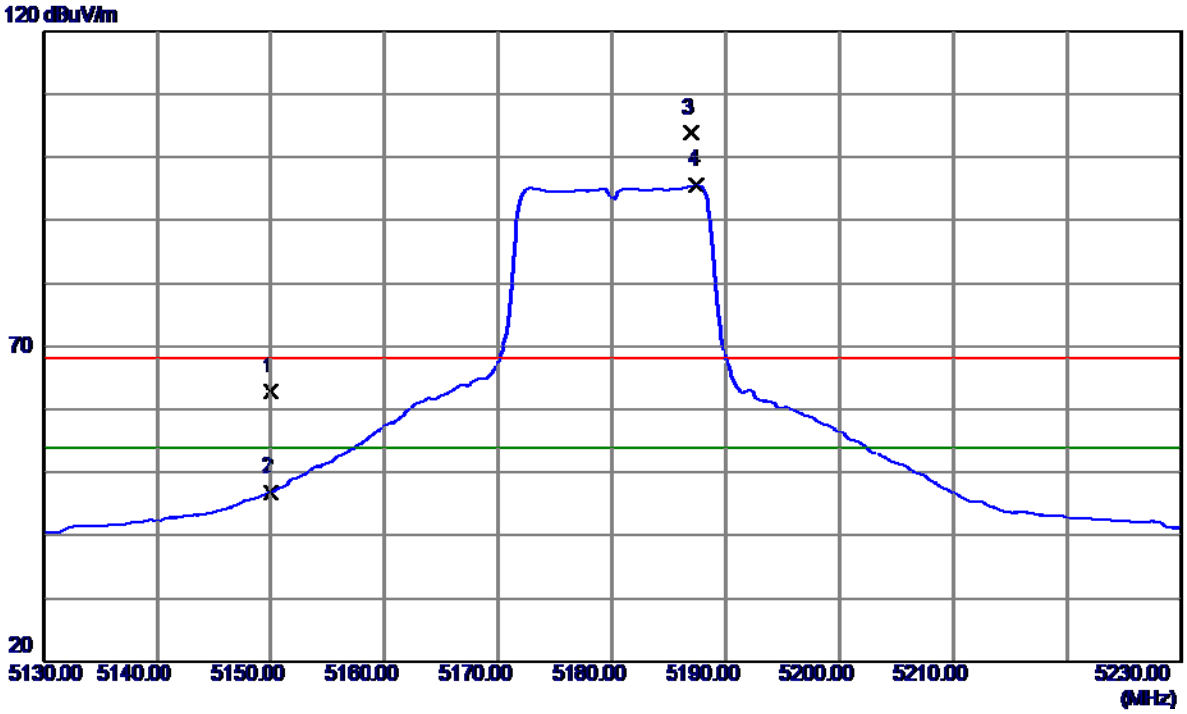


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	81.4100	45.81	-17.23	28.58	40.00	-11.42	Peak	
2	125.0600	38.91	-13.63	25.28	43.50	-18.22	Peak	
3	250.1900	45.16	-14.02	31.14	46.00	-14.86	Peak	
4	423.8200	32.41	-9.10	23.31	46.00	-22.69	Peak	
5	661.4699	30.02	-5.10	24.92	46.00	-21.08	Peak	
6	800.1800	37.80	-2.89	34.91	46.00	-11.09	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

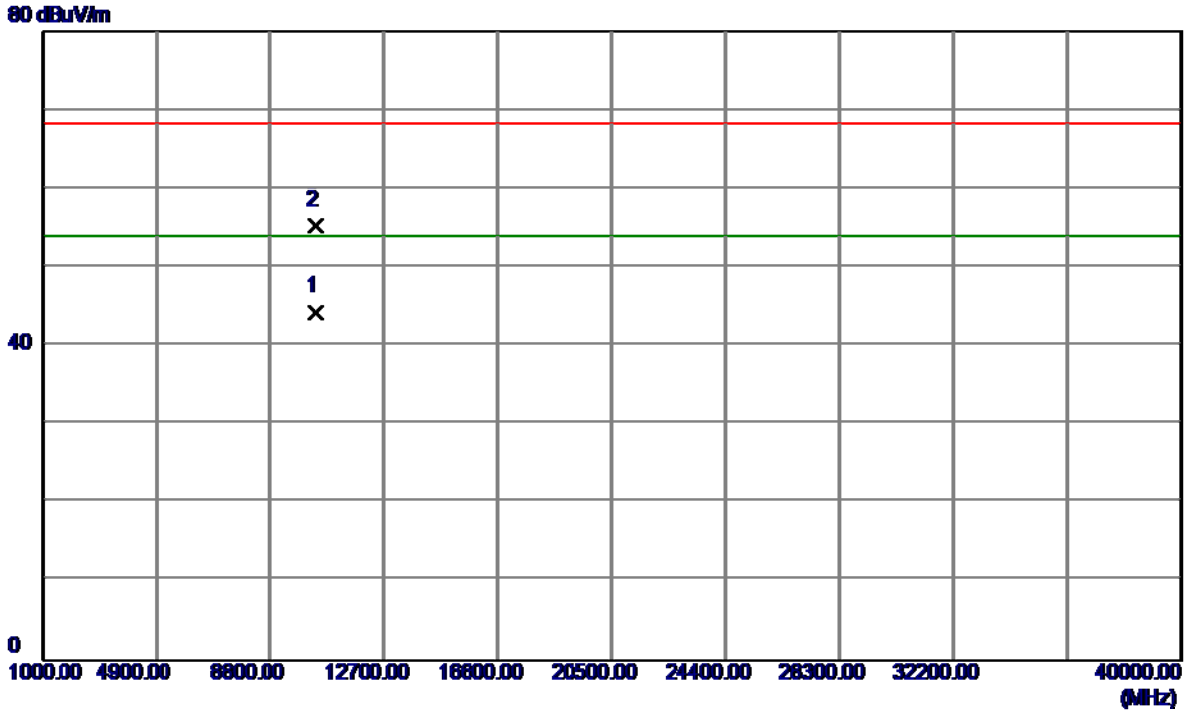
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.75	39.00	62.75	68.30	-5.55	Peak	
2	5150.0000	7.84	39.00	46.84	54.00	-7.16	AVG	
3	5187.0000	64.69	39.12	103.81	68.30	35.51	Peak	No Limit
4	5187.5000	56.42	39.12	95.54	54.00	41.54	AVG	No Limit

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

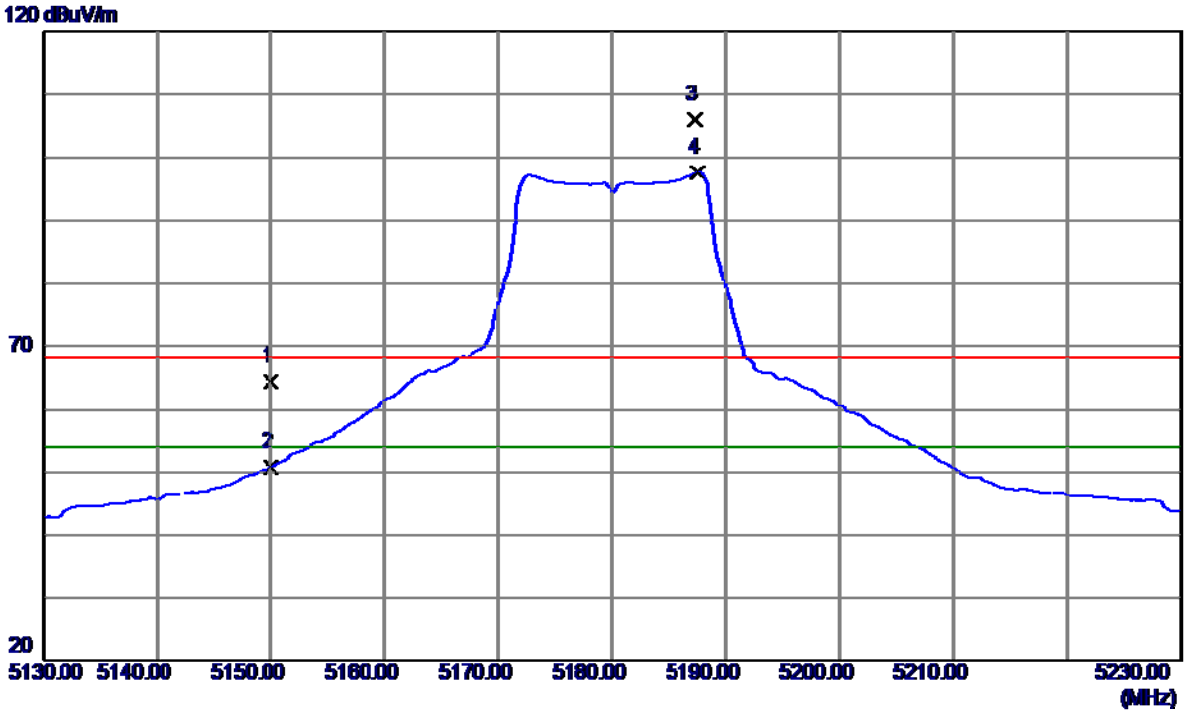
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.1200	27.47	16.93	44.40	54.00	-9.60	AVG	
2	10360.3600	38.37	16.93	55.30	68.30	-13.00	Peak	

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

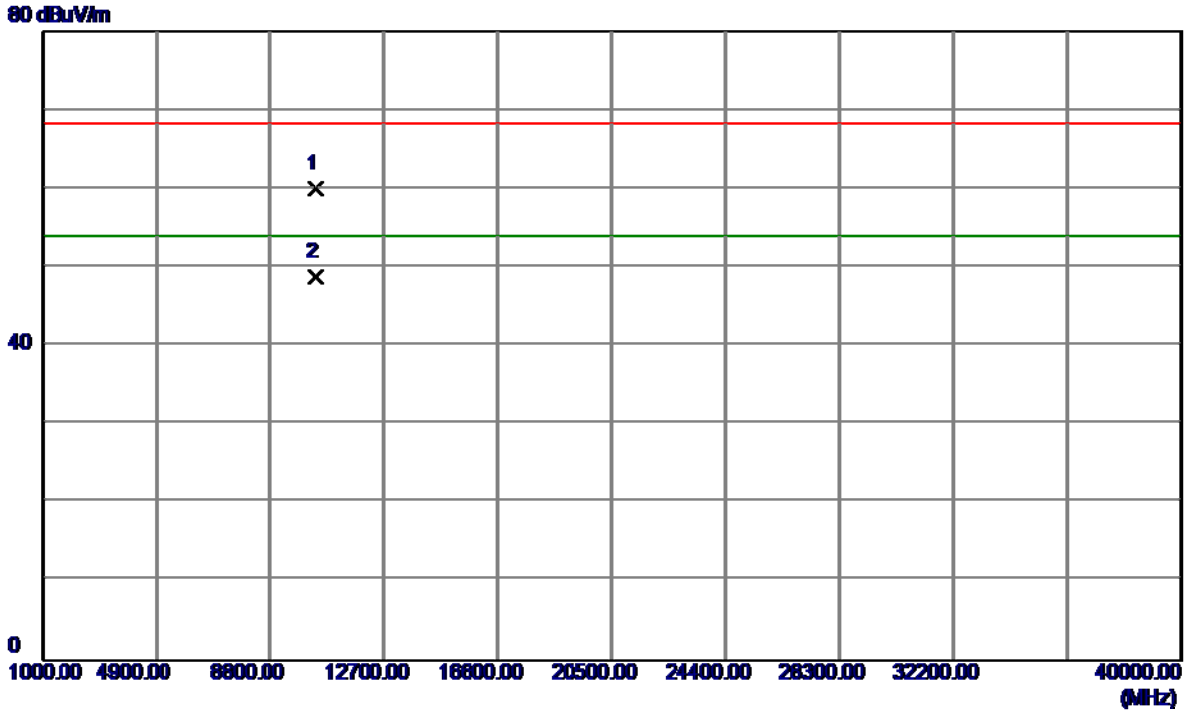
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.42	39.00	64.42	68.30	-3.88	Peak	
2	5150.0000	11.81	39.00	50.81	54.00	-3.19	AVG	
3	5187.3000	66.86	39.12	105.98	68.30	37.68	Peak	No Limit
4	5187.6000	58.44	39.12	97.56	54.00	43.56	AVG	No Limit

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

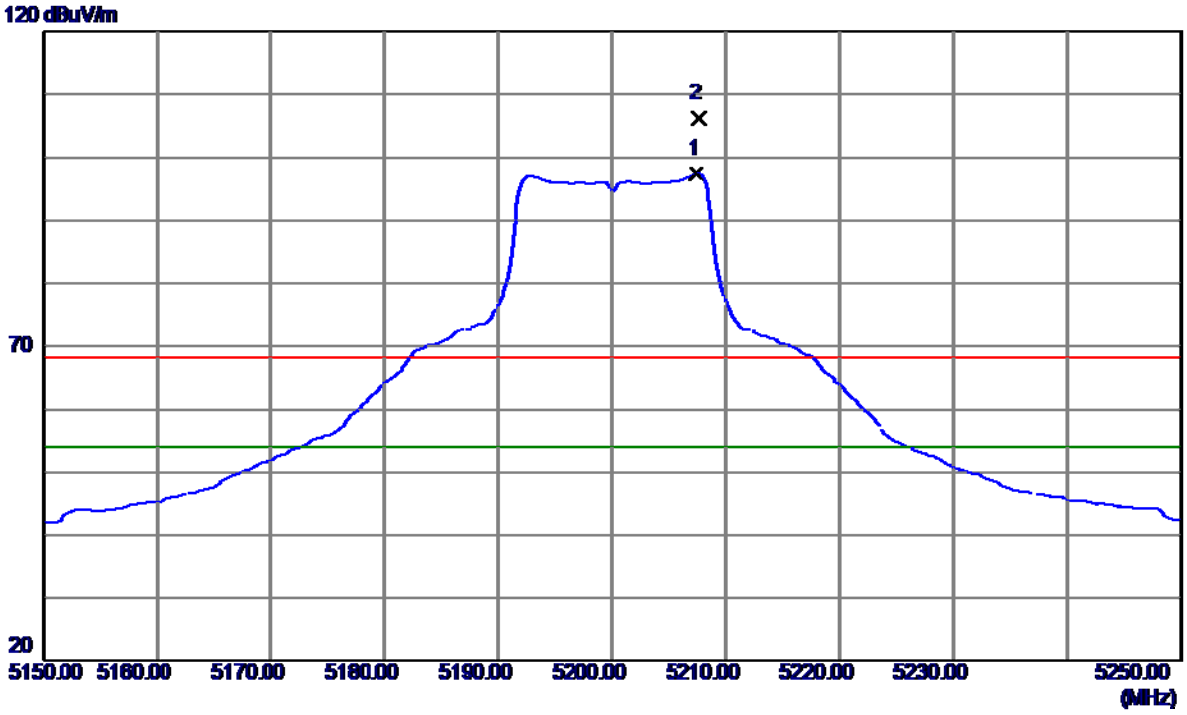
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.0199	43.07	16.93	60.00	68.30	-8.30	Peak	
2	10360.1200	31.82	16.93	48.75	54.00	-5.25	AVG	

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

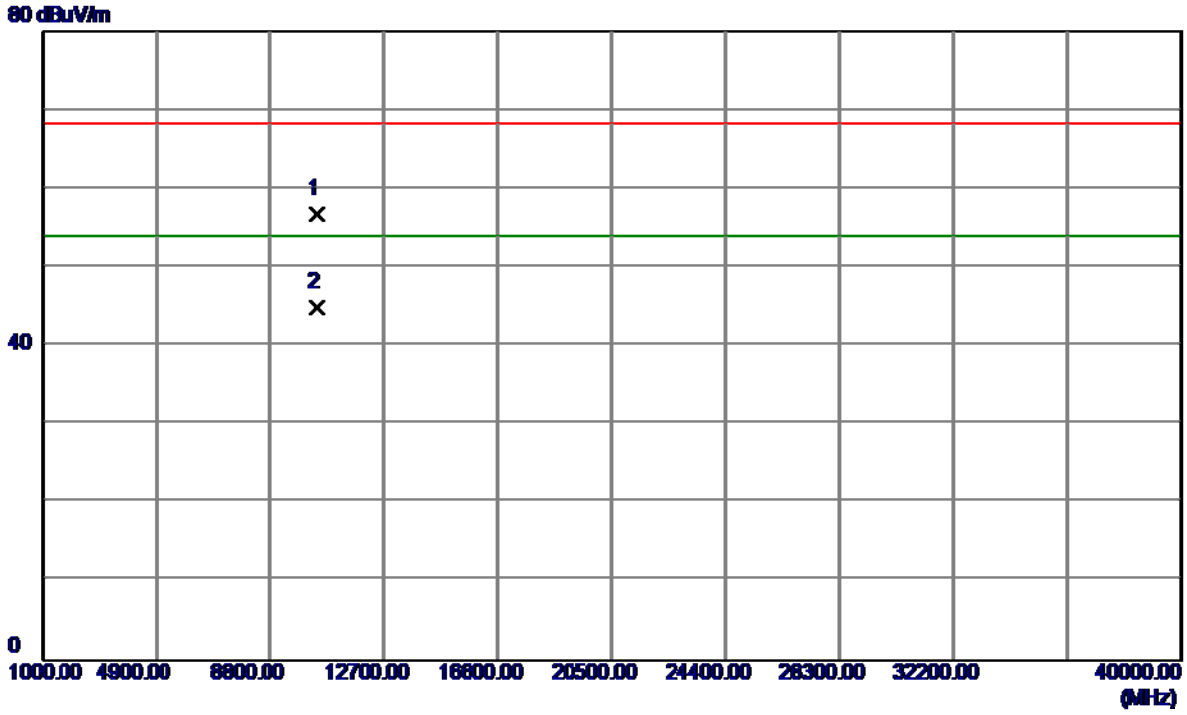
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5207.5000	58.14	39.19	97.33	54.00	43.33	AVG	No Limit
2	5207.7000	67.06	39.19	106.25	68.30	37.95	Peak	No Limit

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

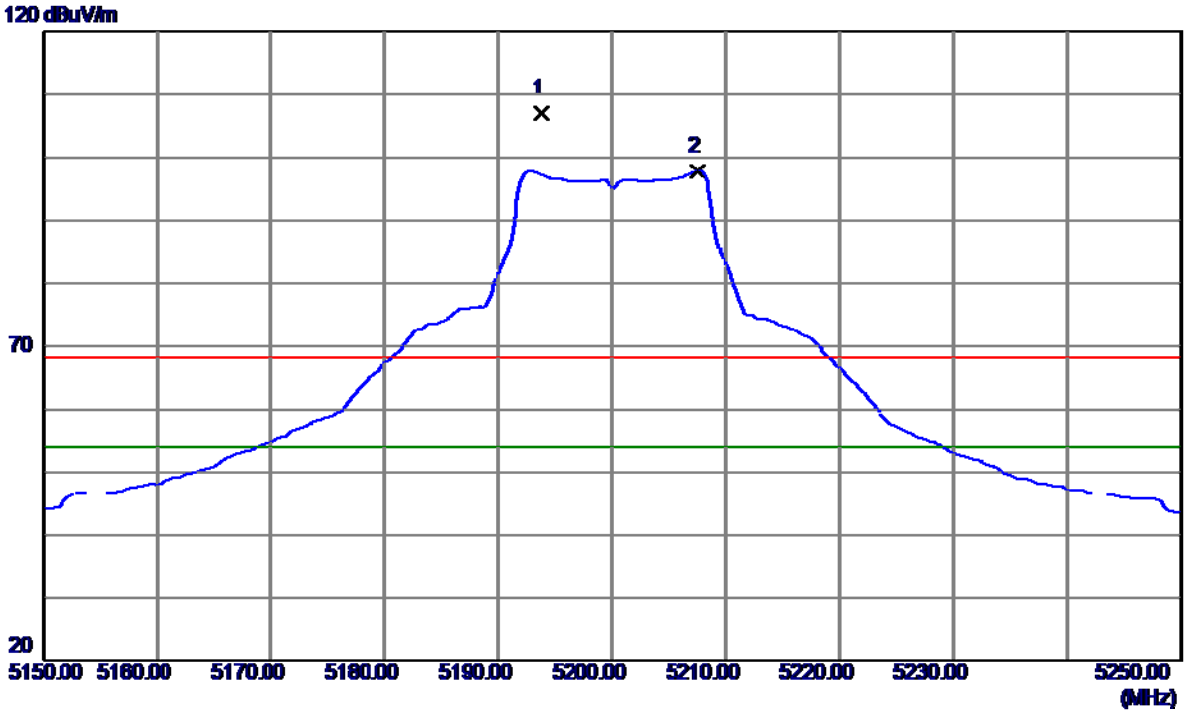
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10401.8200	39.90	16.87	56.77	68.30	-11.53	Peak	
2	10401.9800	28.03	16.87	44.90	54.00	-9.10	AVG	

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

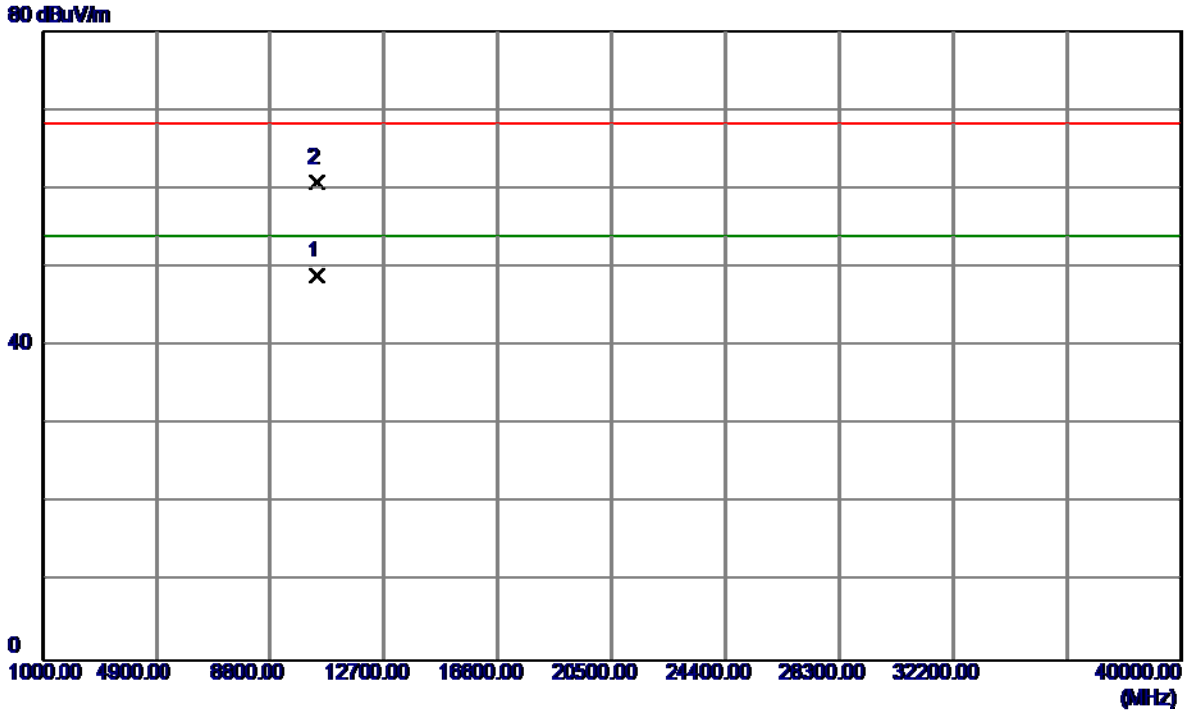
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5193.8000	67.81	39.14	106.95	68.30	38.65	Peak	No Limit
2	5207.6000	58.66	39.19	97.85	54.00	43.85	AVG	No Limit

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

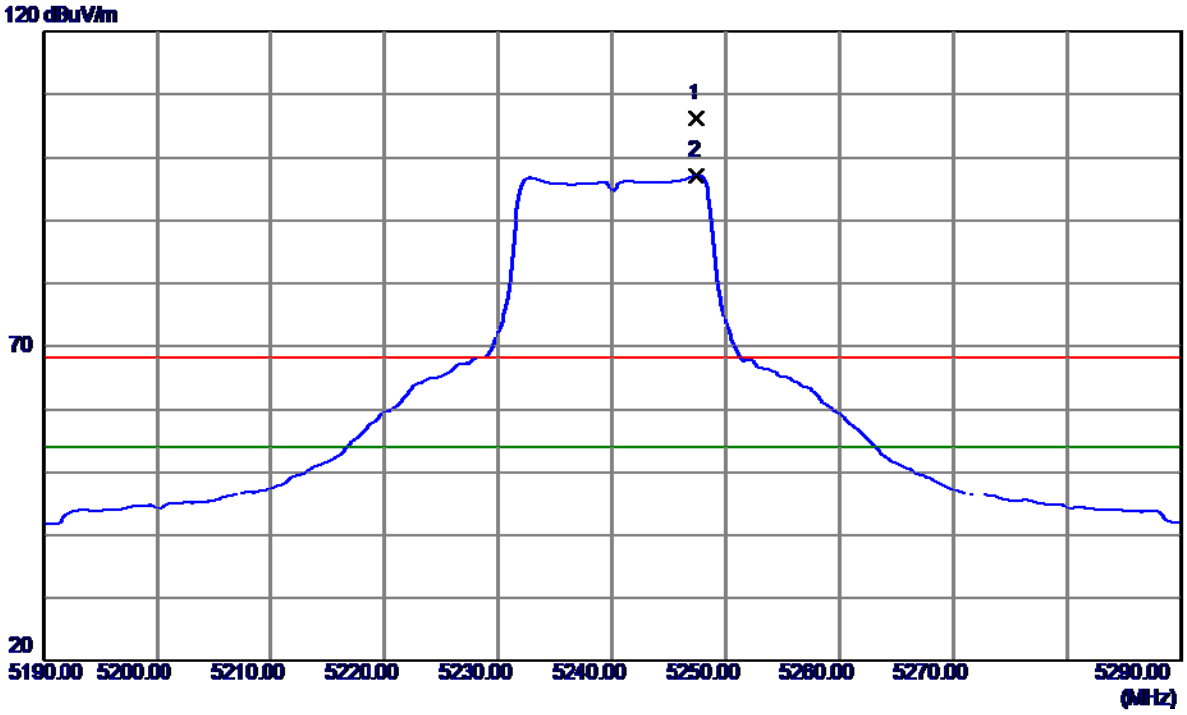
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10398.0800	32.07	16.88	48.95	54.00	-5.05	AVG	
2	10401.9400	44.00	16.87	60.87	68.30	-7.43	Peak	

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

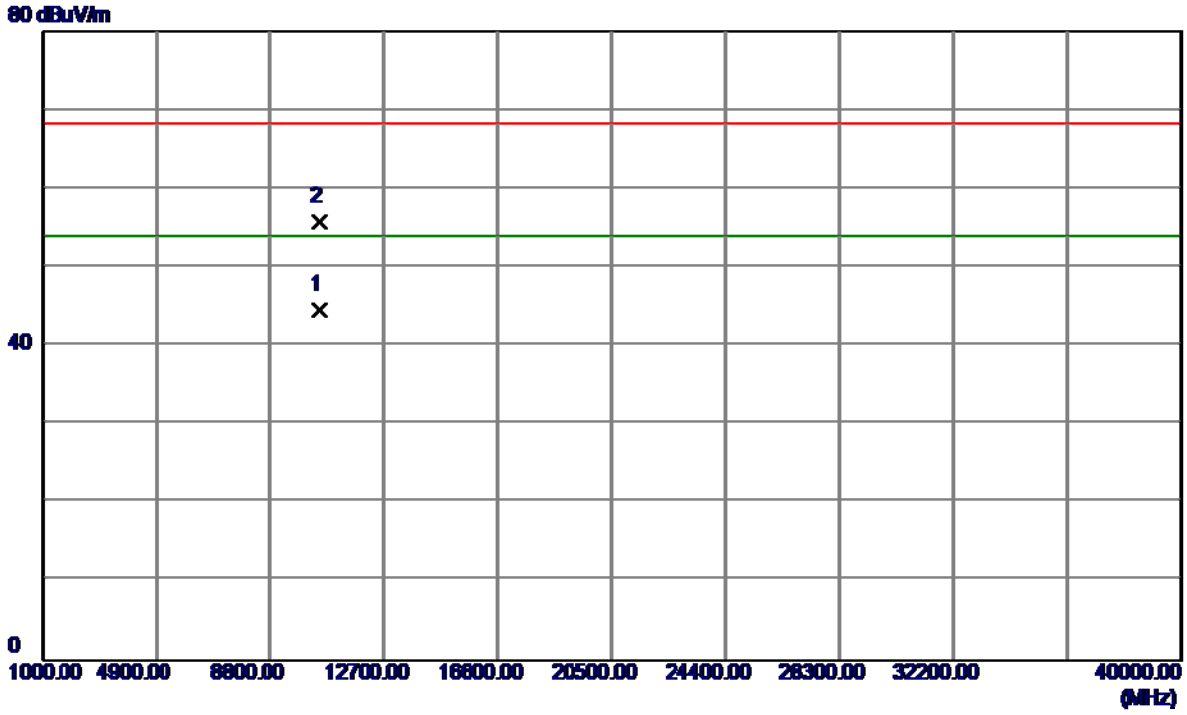
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5247.5000	66.93	39.32	106.25	68.30	37.95	Peak	No Limit
2	5247.5000	57.78	39.32	97.10	54.00	43.10	AVG	No Limit

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

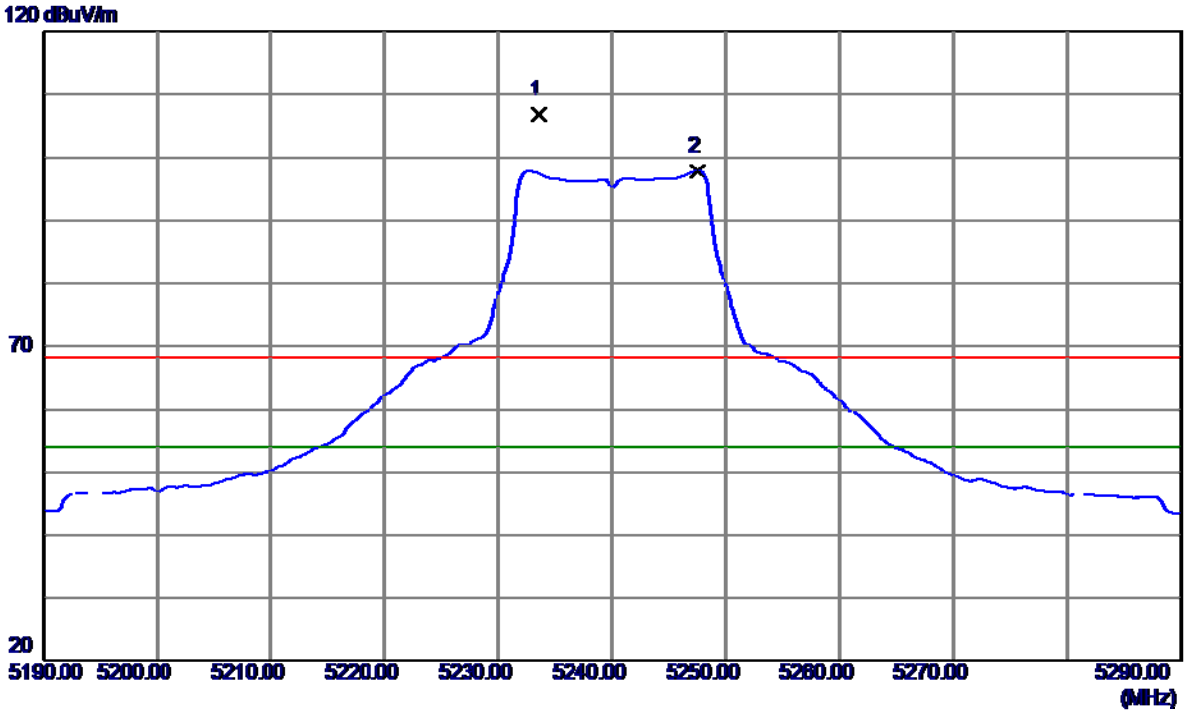
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.0599	27.82	16.77	44.59	54.00	-9.41	AVG	
2	10480.8800	39.08	16.77	55.85	68.30	-12.45	Peak	

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

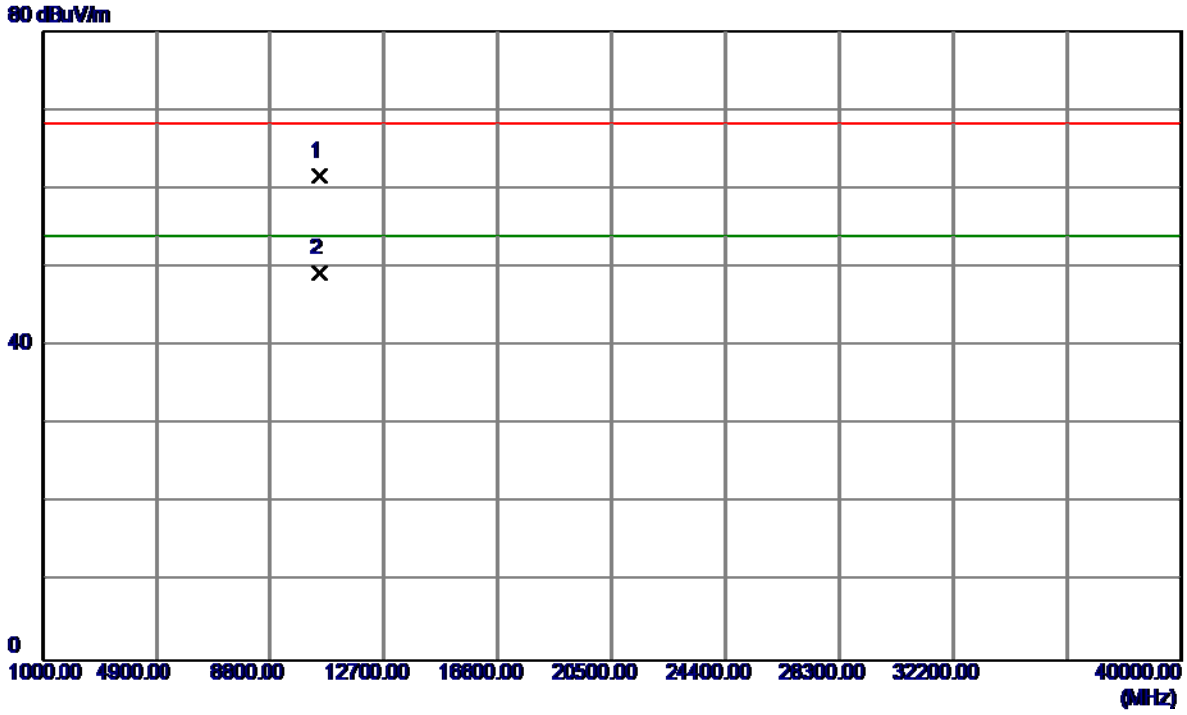
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.6000	67.58	39.28	106.86	68.30	38.56	Peak	No Limit
2	5247.6000	58.51	39.32	97.83	54.00	43.83	AVG	No Limit

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

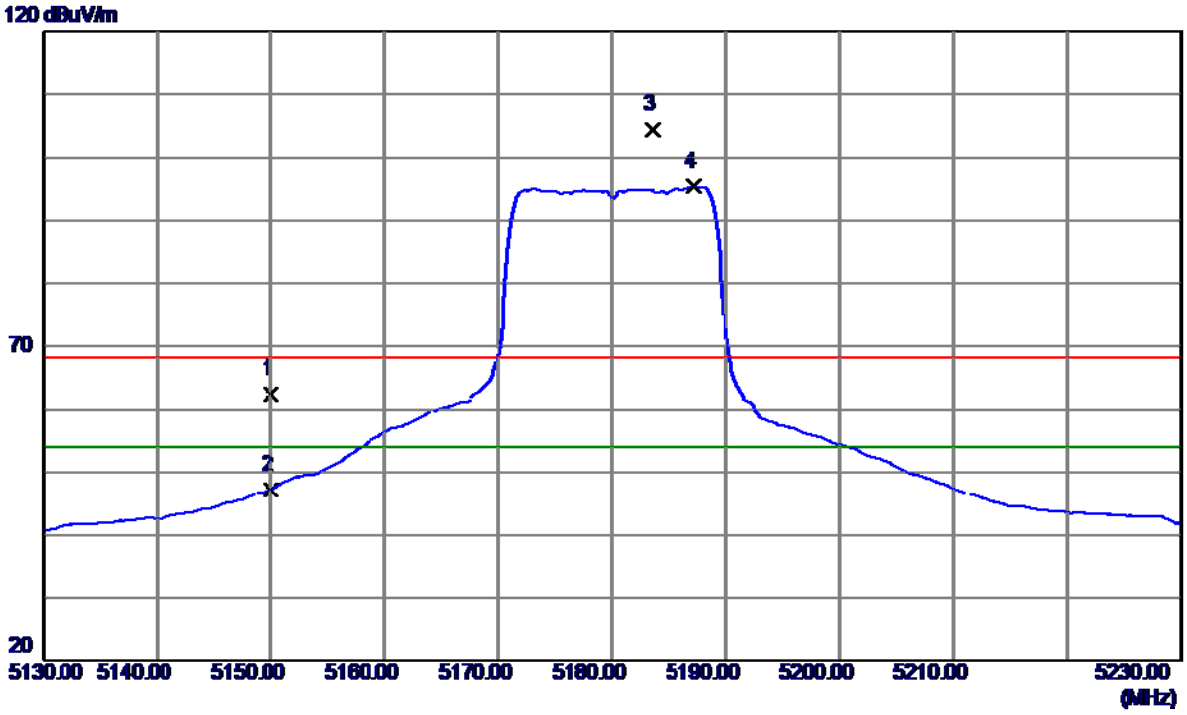
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10476.4800	44.89	16.77	61.66	68.30	-6.64	Peak	
2	10478.1000	32.45	16.77	49.22	54.00	-4.78	AVG	

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

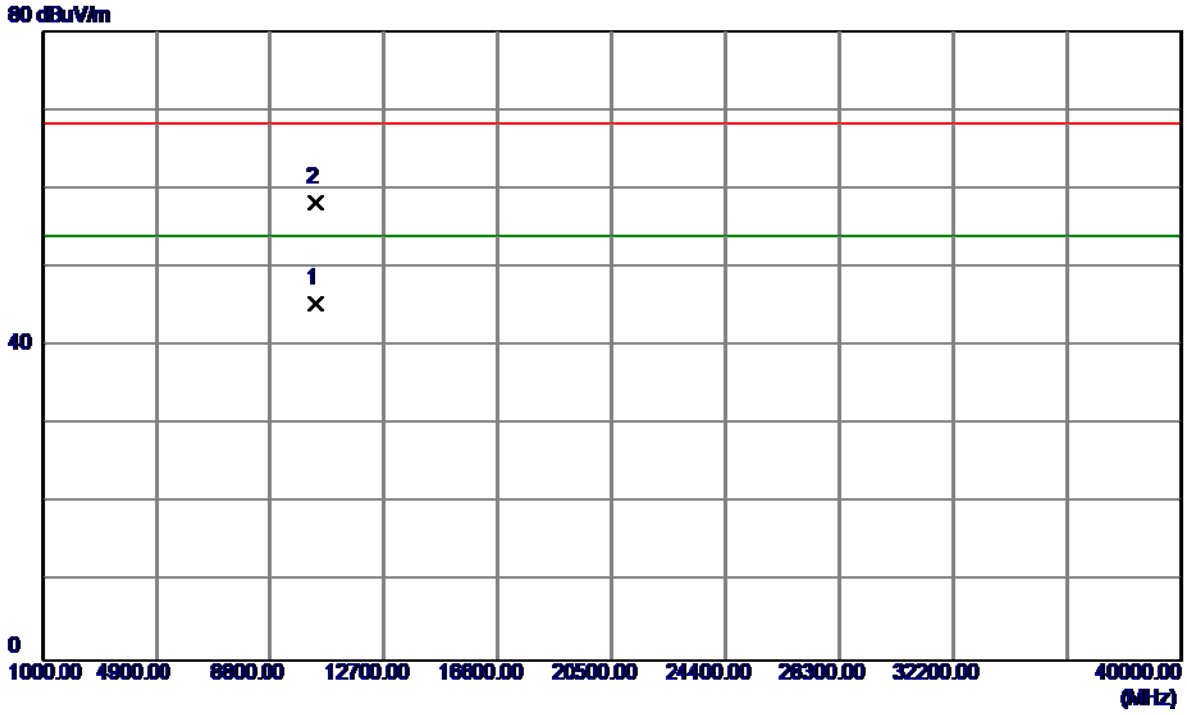
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.48	39.00	62.48	68.30	-5.82	Peak	
2	5150.0000	8.28	39.00	47.28	54.00	-6.72	AVG	
3	5183.6000	65.24	39.11	104.35	68.30	36.05	Peak	No Limit
4	5187.2000	56.19	39.12	95.31	54.00	41.31	AVG	No Limit

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

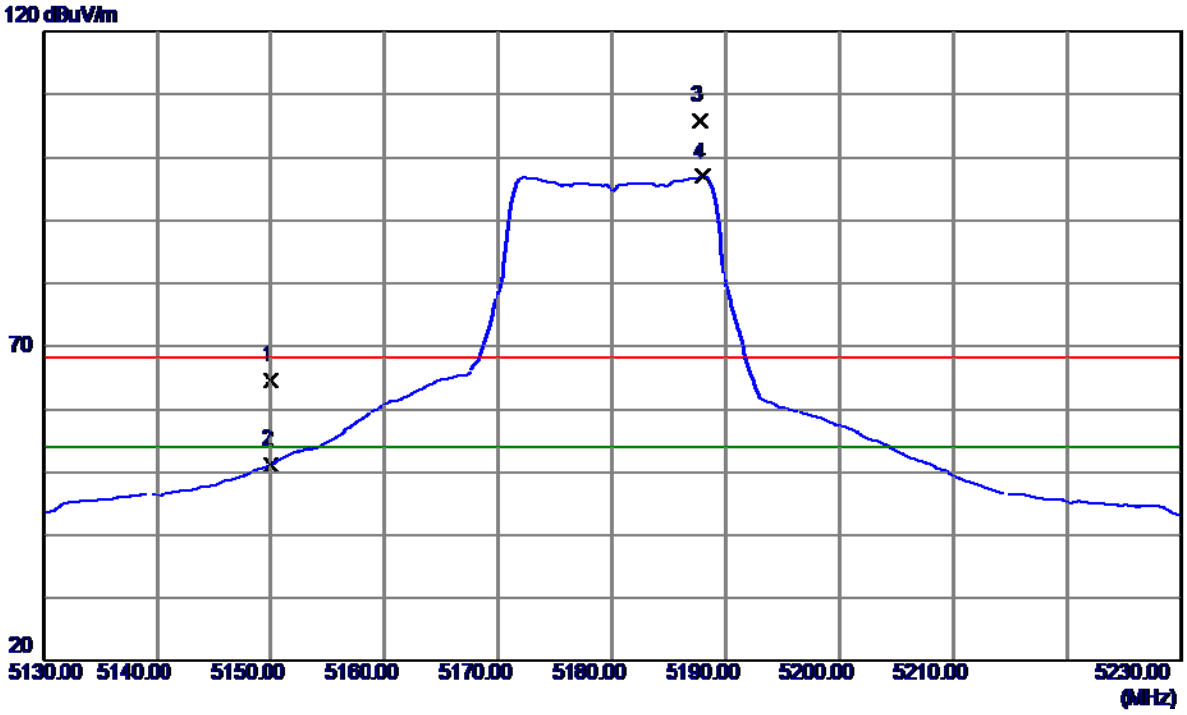
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.0599	28.48	16.93	45.41	54.00	-8.59	AVG	
2	10363.8000	41.25	16.93	58.18	68.30	-10.12	Peak	

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

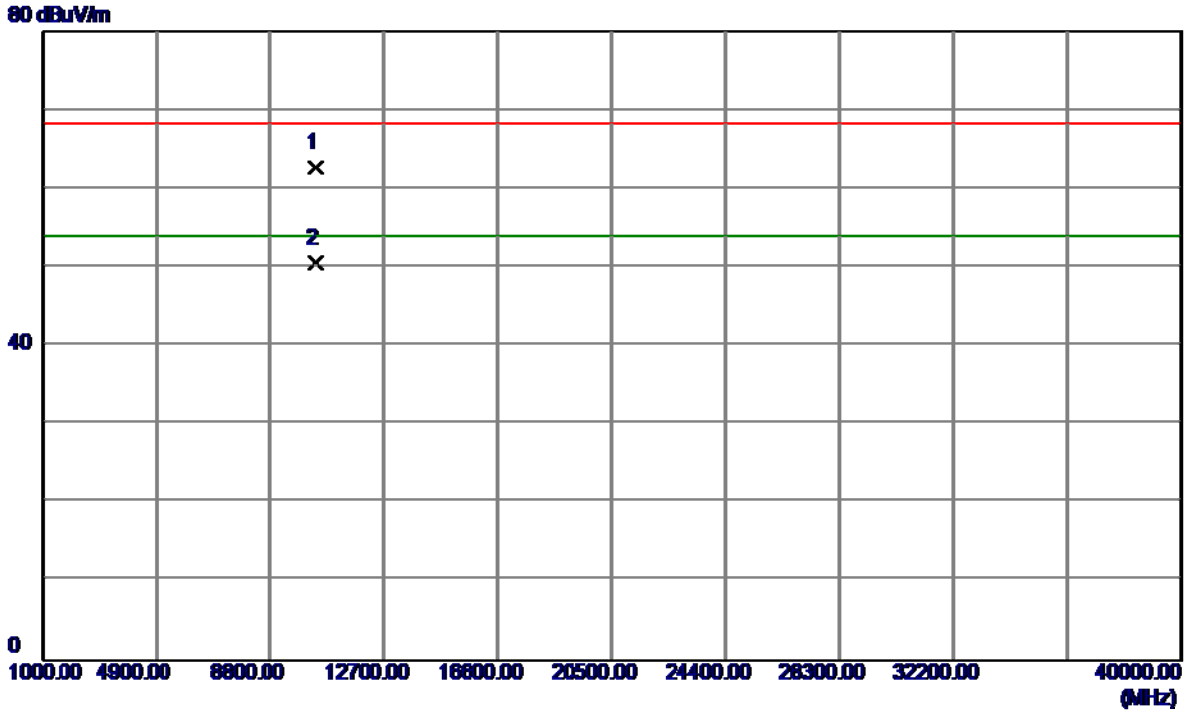
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.52	39.00	64.52	68.30	-3.78	Peak	
2	5150.0000	12.22	39.00	51.22	54.00	-2.78	AVG	
3	5187.8000	66.72	39.12	105.84	68.30	37.54	Peak	No Limit
4	5188.0000	57.78	39.12	96.90	54.00	42.90	AVG	No Limit

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

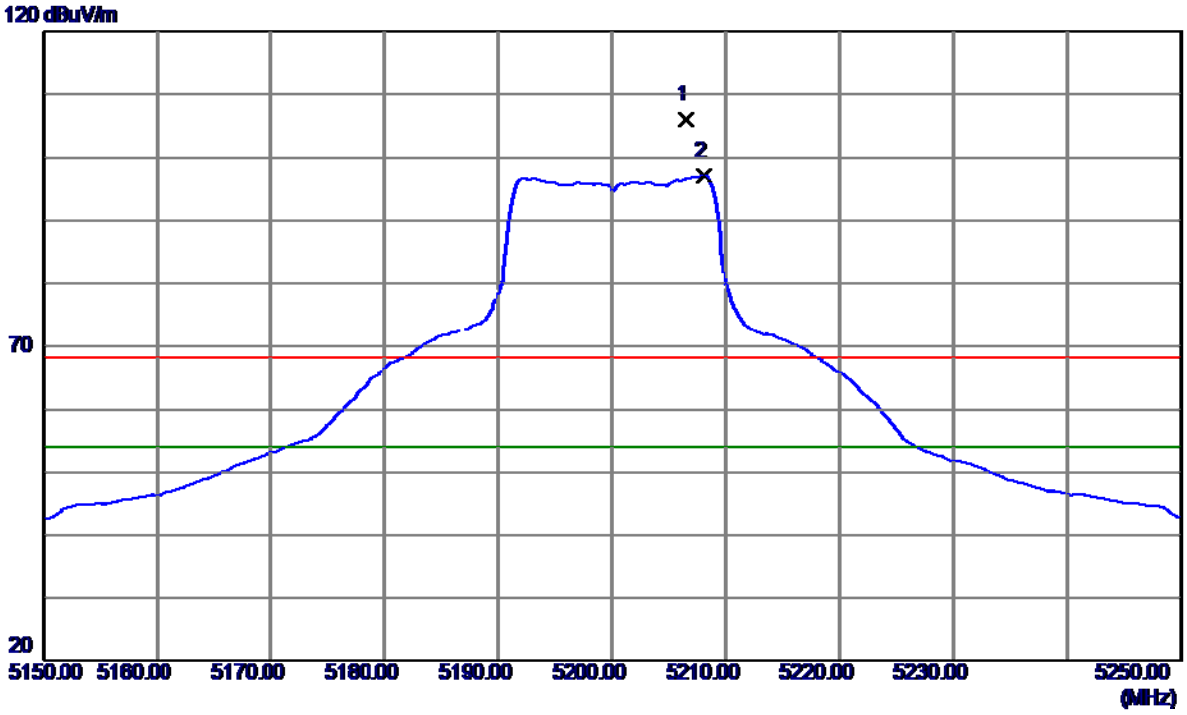
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10358.2400	45.73	16.93	62.66	68.30	-5.64	Peak	
2	10360.1600	33.56	16.93	50.49	54.00	-3.51	AVG	

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

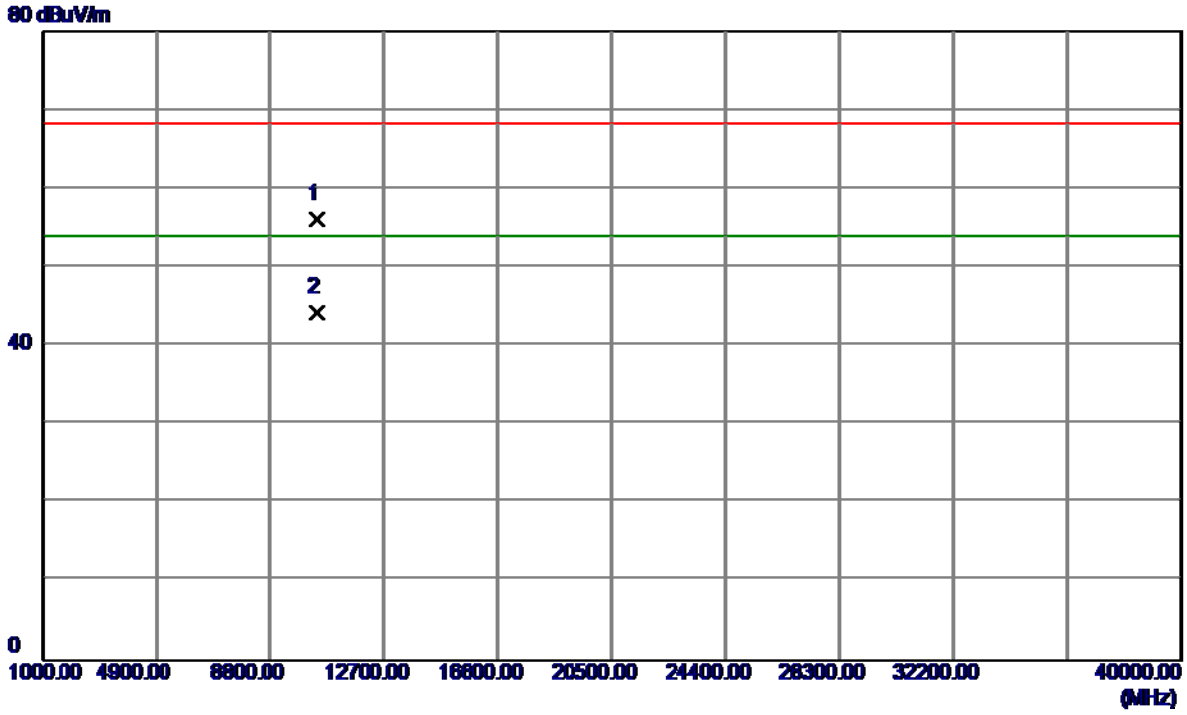
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5206.6000	66.77	39.19	105.96	68.30	37.66	Peak	No Limit
2	5208.1000	57.87	39.19	97.06	54.00	43.06	AVG	No Limit

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

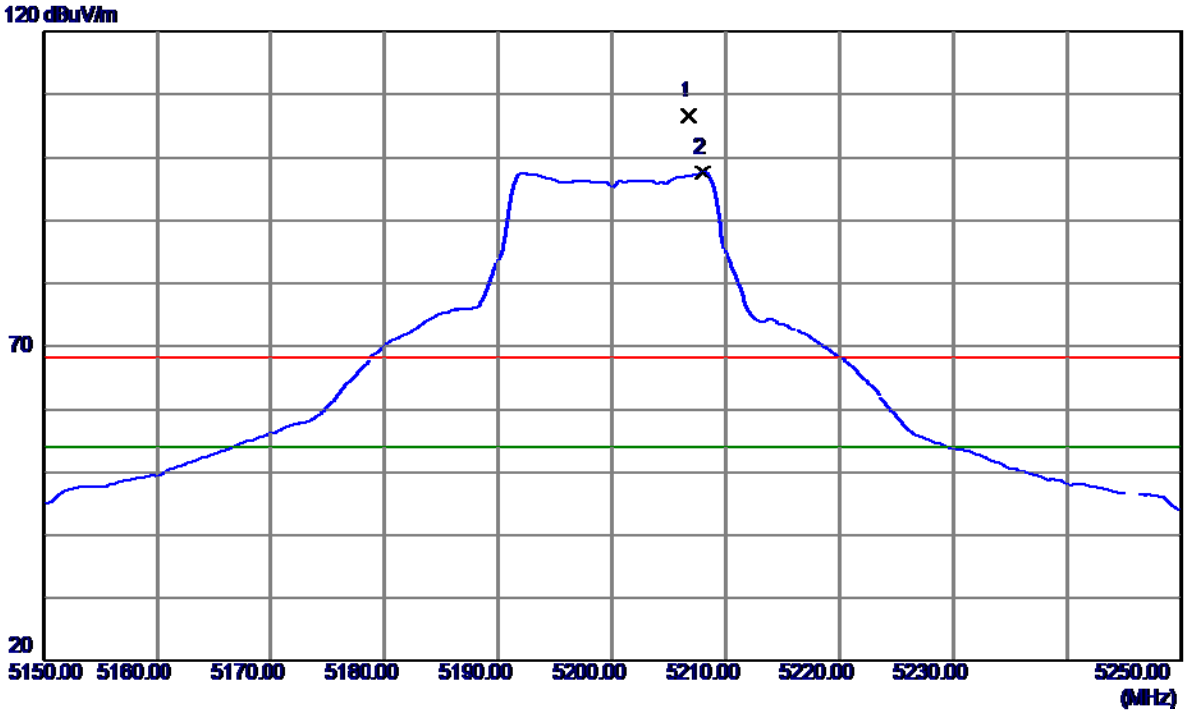
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.2000	39.28	16.88	56.16	68.30	-12.14	Peak	
2	10400.3400	27.43	16.88	44.31	54.00	-9.69	AVG	

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

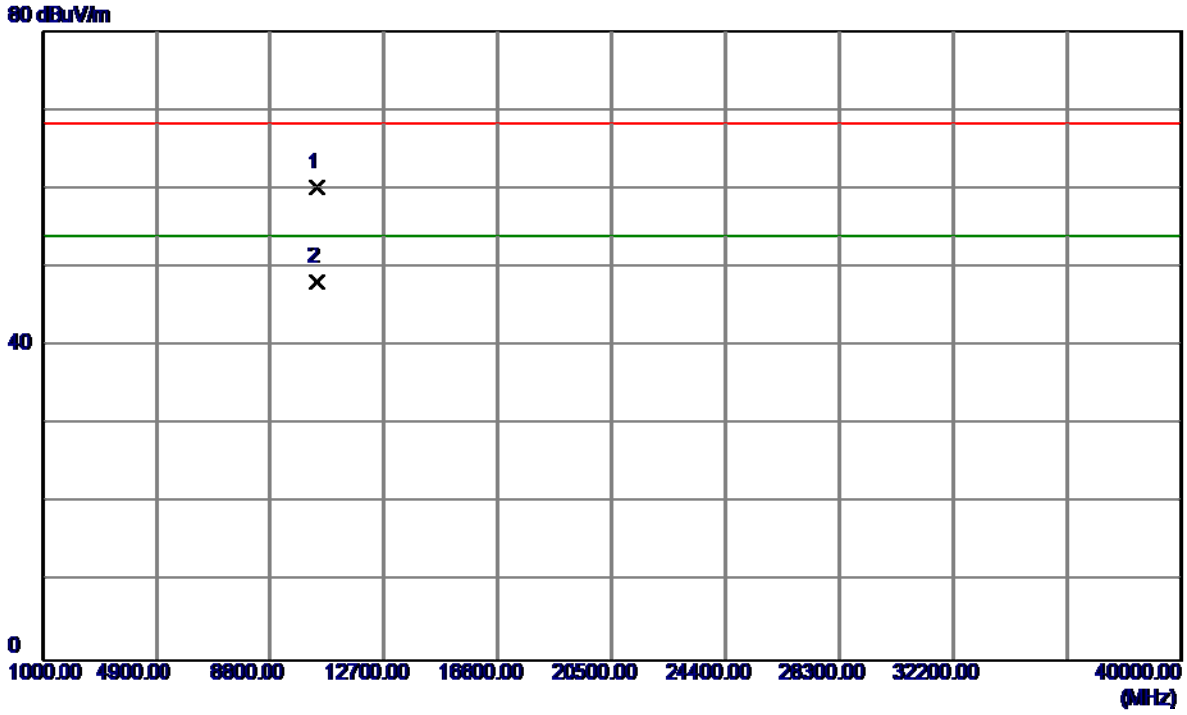
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5206.8000	67.40	39.19	106.59	68.30	38.29	Peak	No Limit
2	5208.0000	58.36	39.19	97.55	54.00	43.55	AVG	No Limit

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

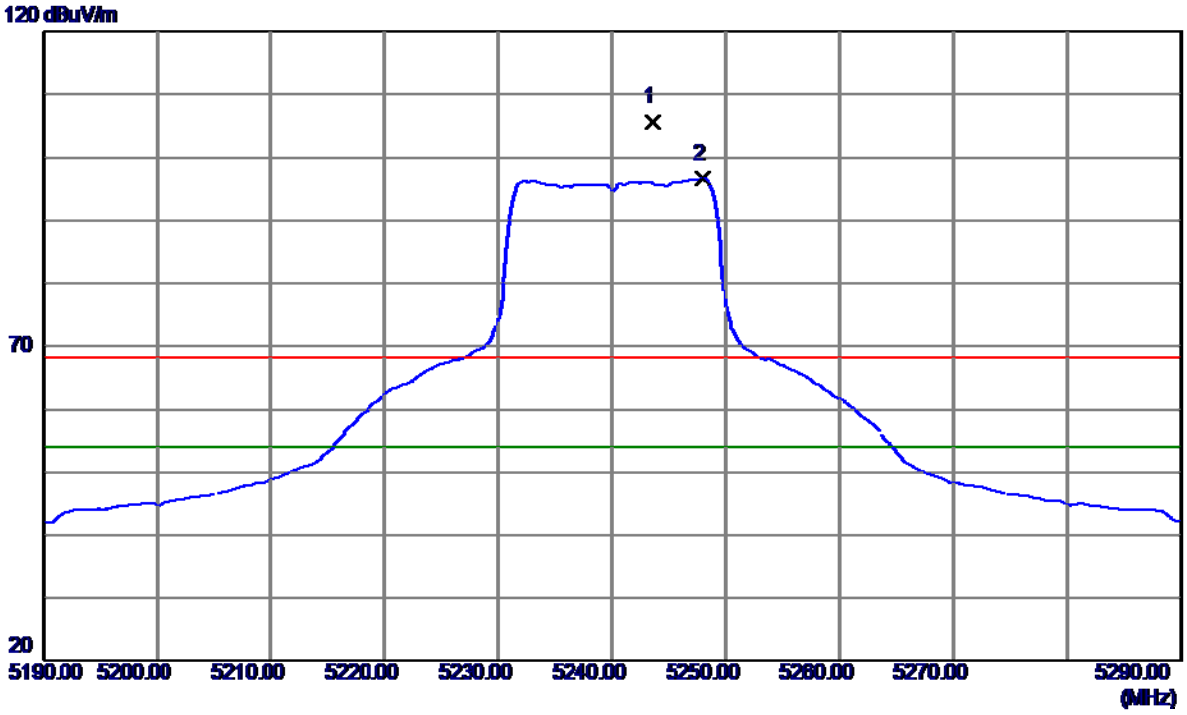
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10397.4000	43.33	16.88	60.21	68.30	-8.09	Peak	
2	10400.2200	31.27	16.88	48.15	54.00	-5.85	AVG	

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

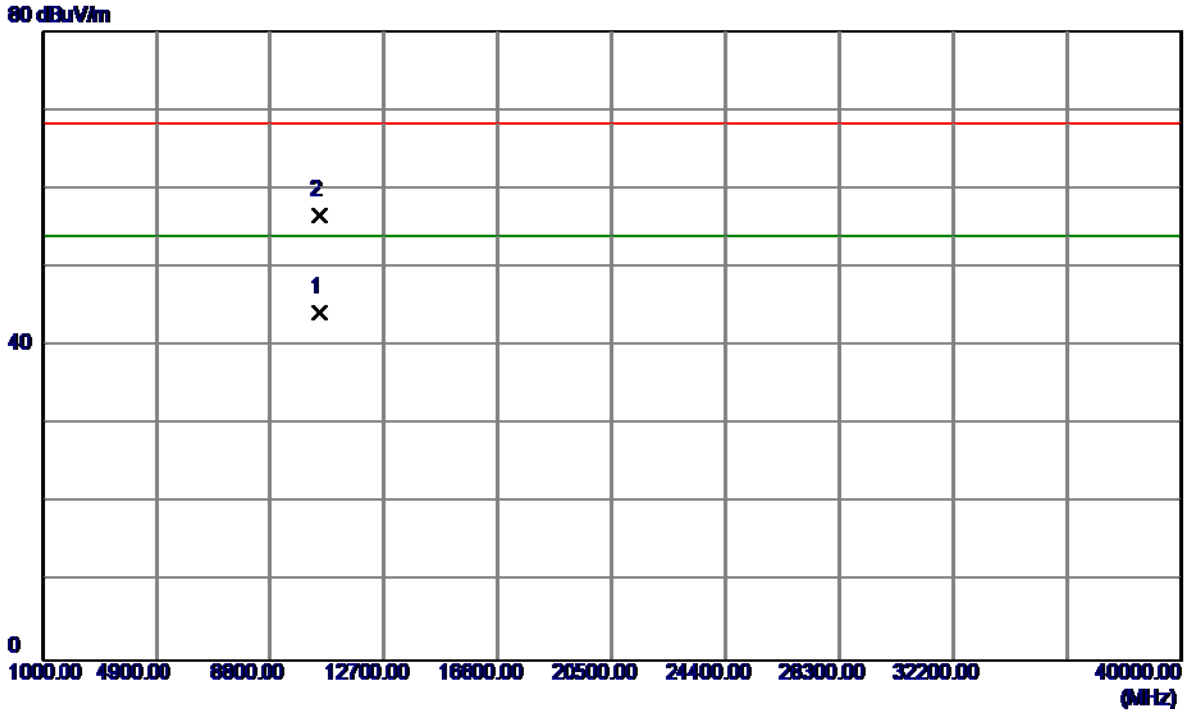
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5243.6000	66.36	39.31	105.67	68.30	37.37	Peak	No Limit
2	5248.0000	57.30	39.32	96.62	54.00	42.62	AVG	No Limit

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

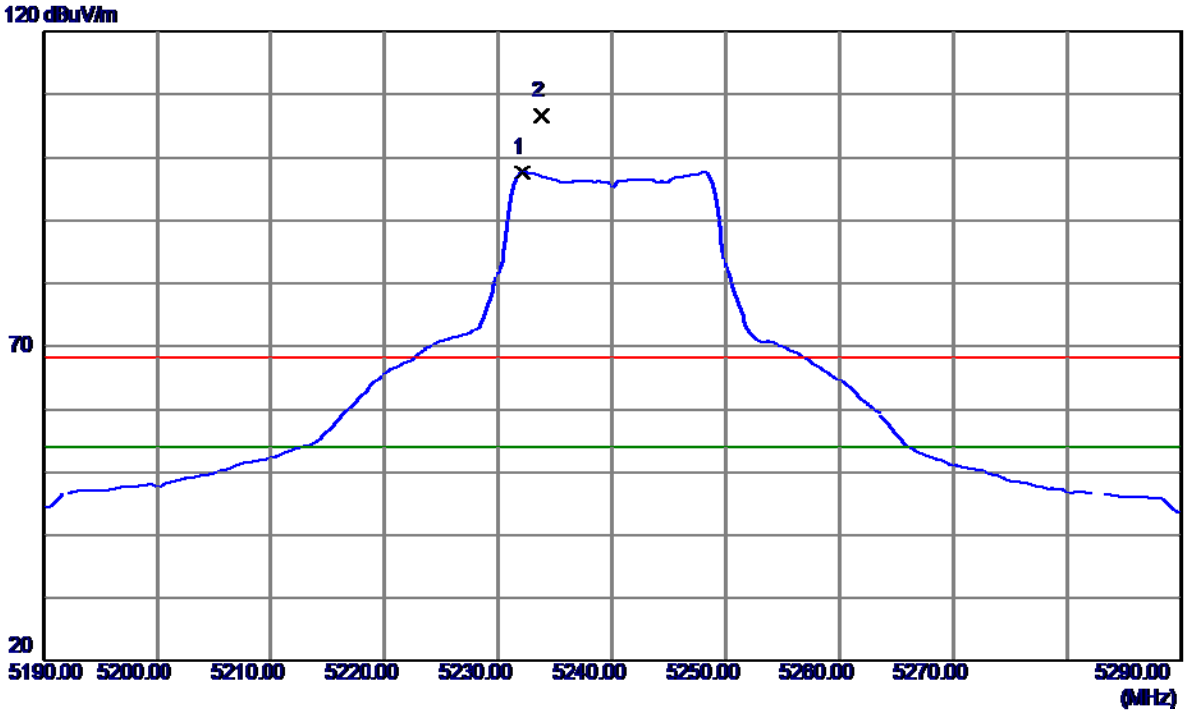
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.2000	27.53	16.77	44.30	54.00	-9.70	AVG	
2	10480.5199	39.91	16.77	56.68	68.30	-11.62	Peak	

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

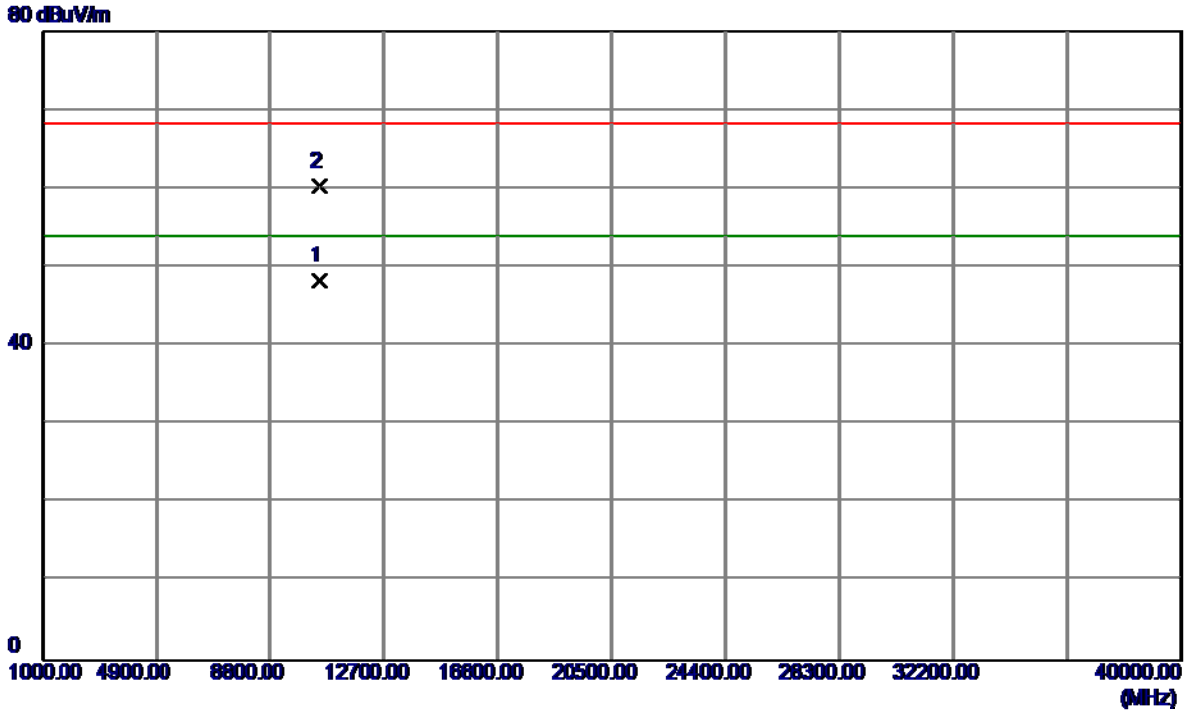
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.1000	58.35	39.27	97.62	54.00	43.62	AVG	No Limit
2	5233.8000	67.32	39.28	106.60	68.30	38.30	Peak	No Limit

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

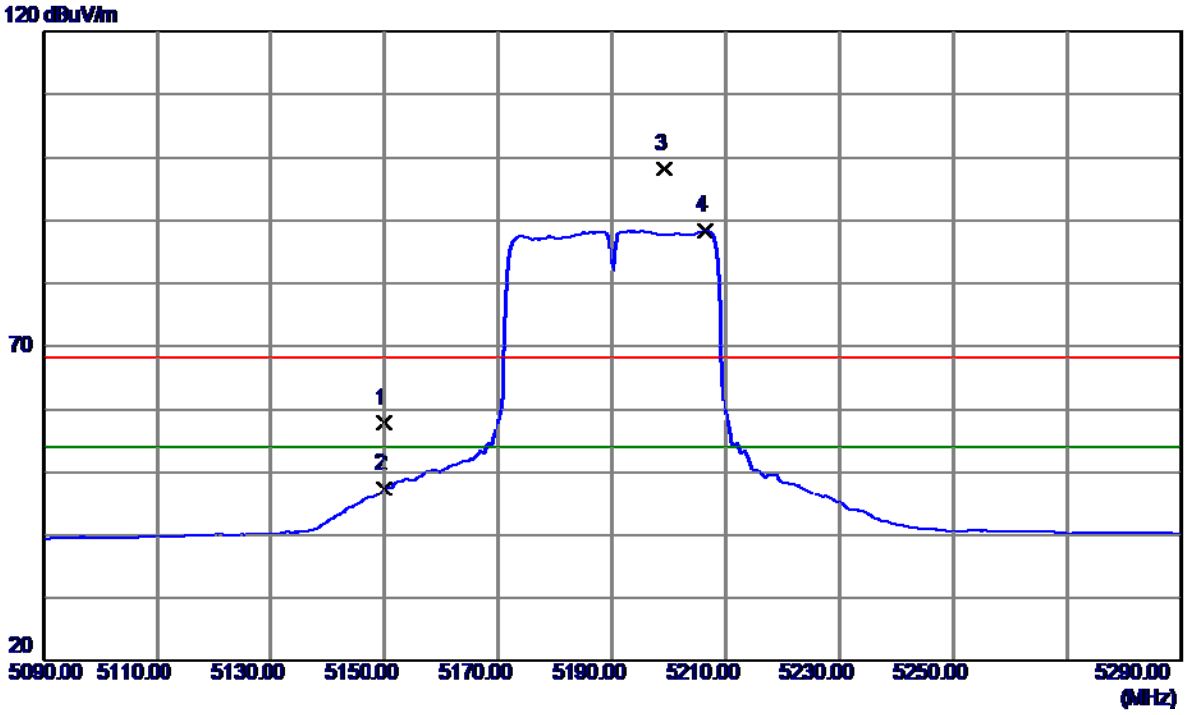
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.1400	31.59	16.77	48.36	54.00	-5.64	AVG	
2	10480.2200	43.60	16.77	60.37	68.30	-7.93	Peak	

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

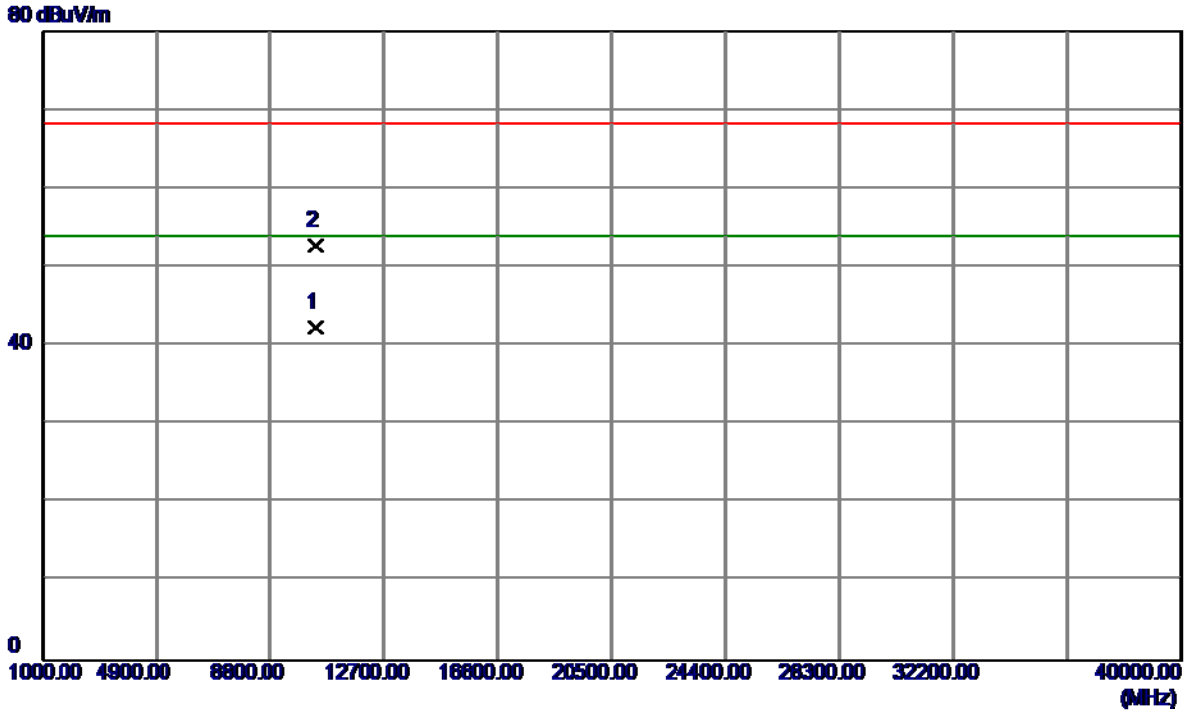
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.86	39.00	57.86	68.30	-10.44	Peak	
2	5150.0000	8.31	39.00	47.31	54.00	-6.69	AVG	
3	5199.2000	58.97	39.16	98.13	68.30	29.83	Peak	No Limit
4	5206.4000	49.25	39.19	88.44	54.00	34.44	AVG	No Limit

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

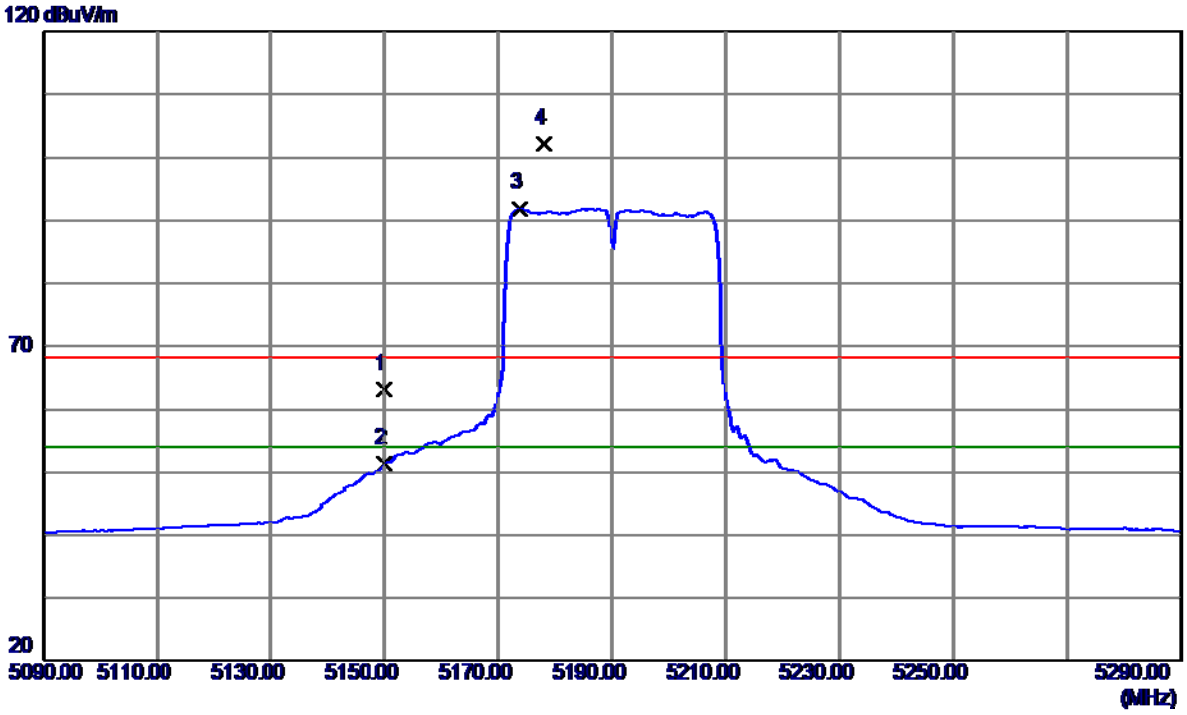
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.0800	25.54	16.90	42.44	54.00	-11.56	AVG	
2	10380.1600	35.83	16.90	52.73	68.30	-15.57	Peak	

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

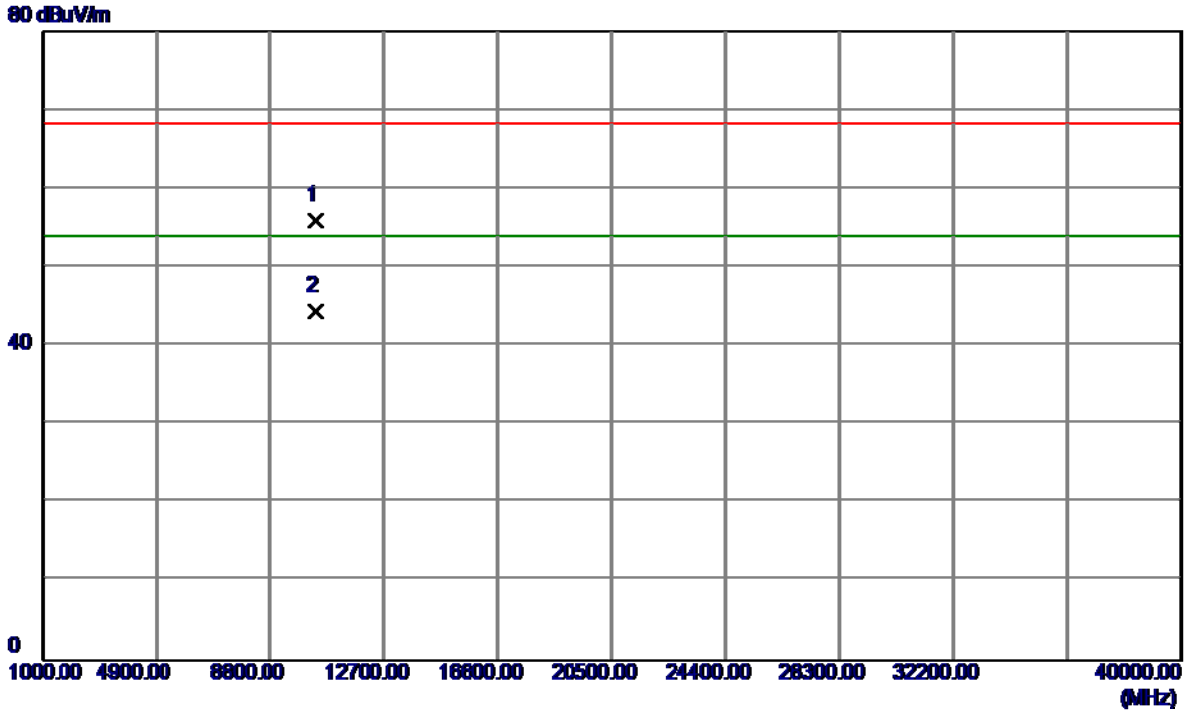
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.23	39.00	63.23	68.30	-5.07	Peak	
2	5150.0000	12.44	39.00	51.44	54.00	-2.56	AVG	
3	5173.8000	52.82	39.08	91.90	54.00	37.90	AVG	No Limit
4	5178.0000	63.09	39.09	102.18	68.30	33.88	Peak	No Limit

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

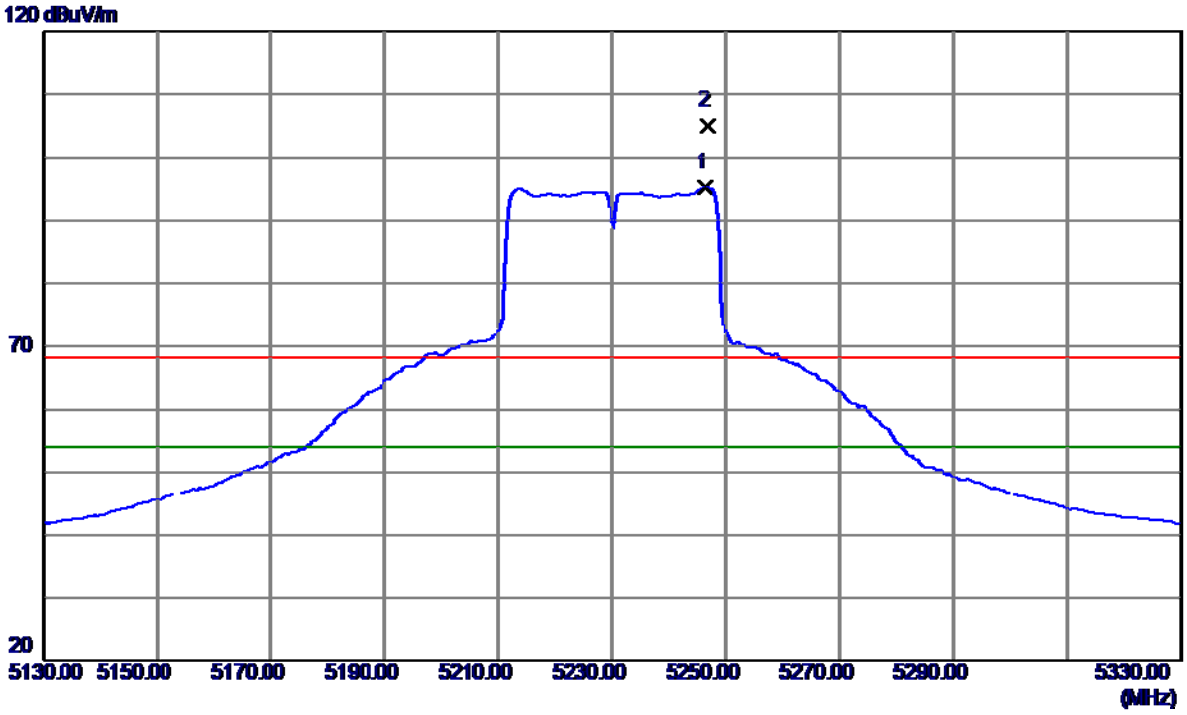
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.5000	39.09	16.90	55.99	68.30	-12.31	Peak	
2	10380.5000	27.55	16.90	44.45	54.00	-9.55	AVG	

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

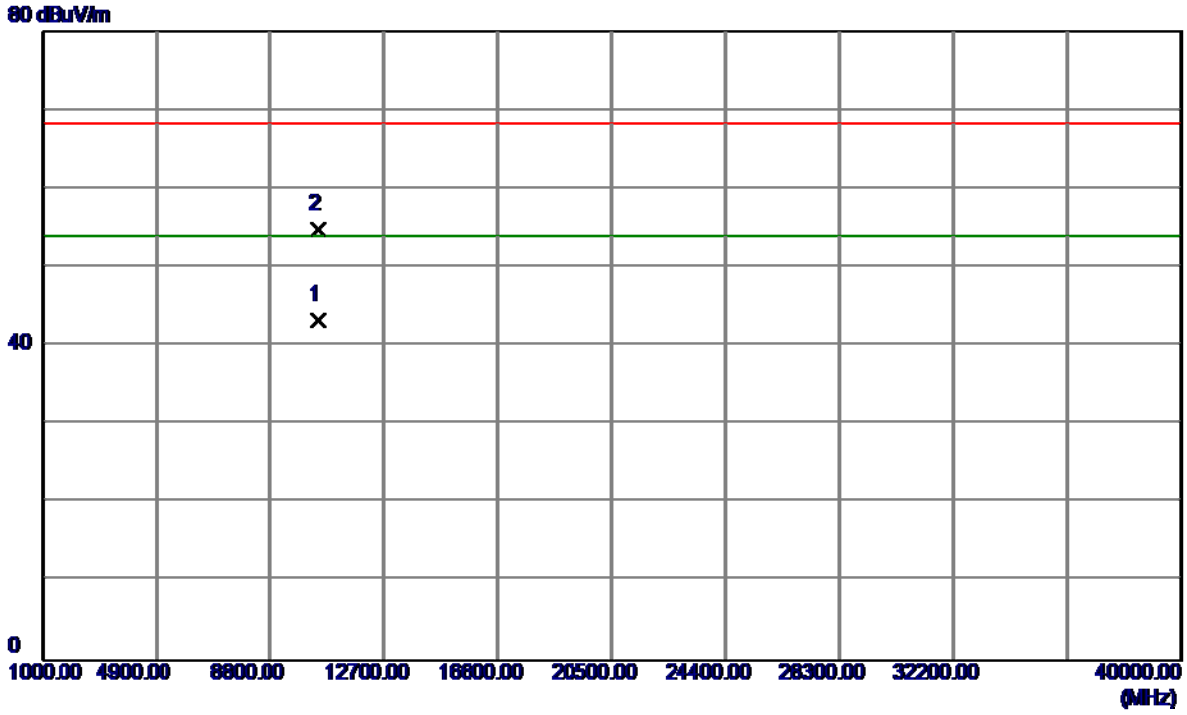
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5246.4000	55.93	39.32	95.25	54.00	41.25	AVG	No Limit
2	5246.8000	65.75	39.32	105.07	68.30	36.77	Peak	No Limit

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

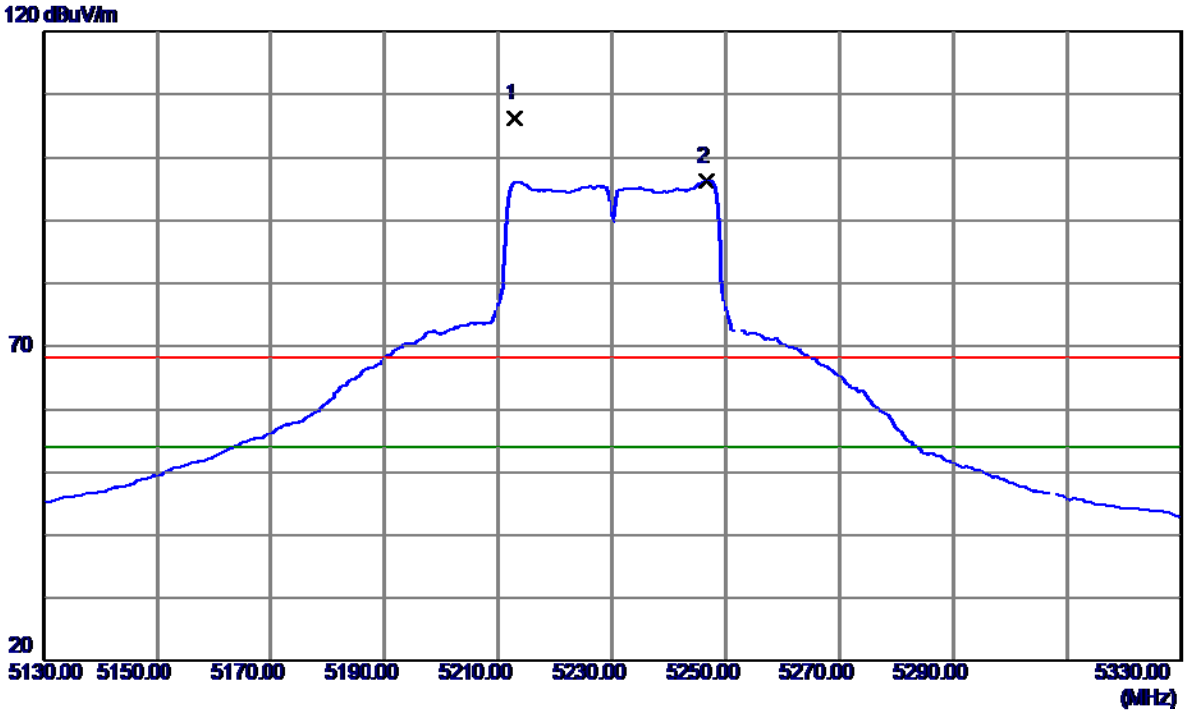
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.1400	26.62	16.79	43.41	54.00	-10.59	AVG	
2	10460.3800	38.04	16.79	54.83	68.30	-13.47	Peak	

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

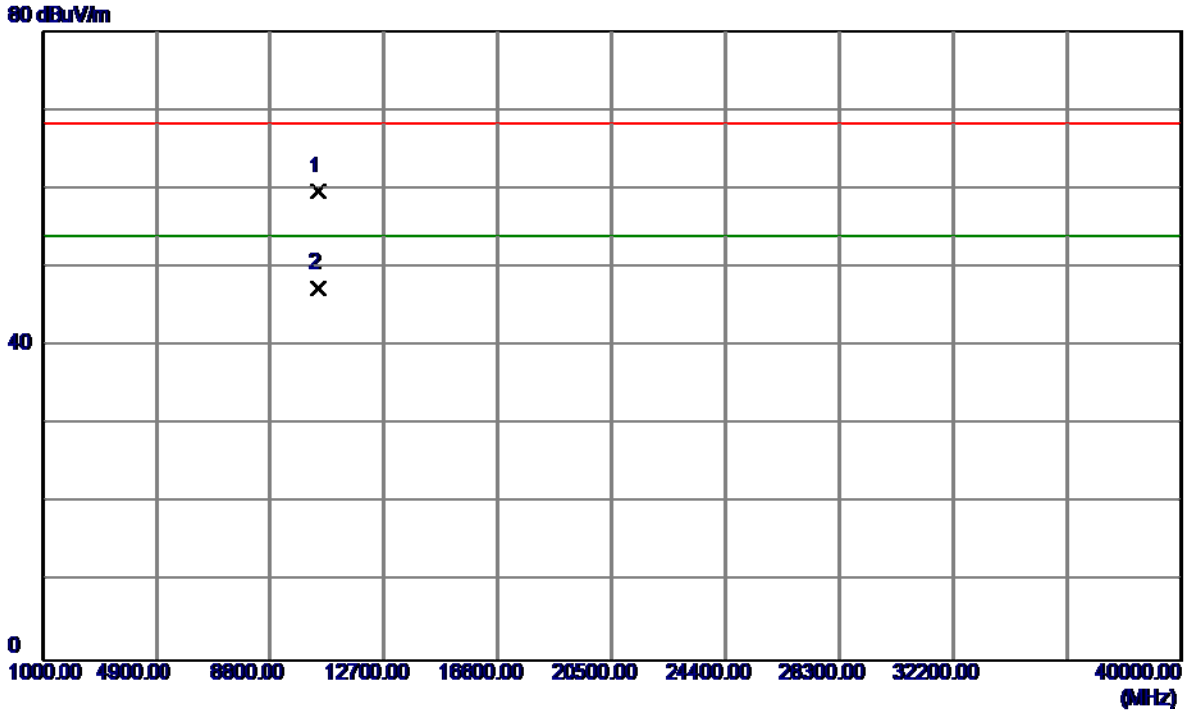
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5212.8000	67.03	39.21	106.24	68.30	37.94	Peak	No Limit
2	5246.6000	56.92	39.32	96.24	54.00	42.24	AVG	No Limit

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

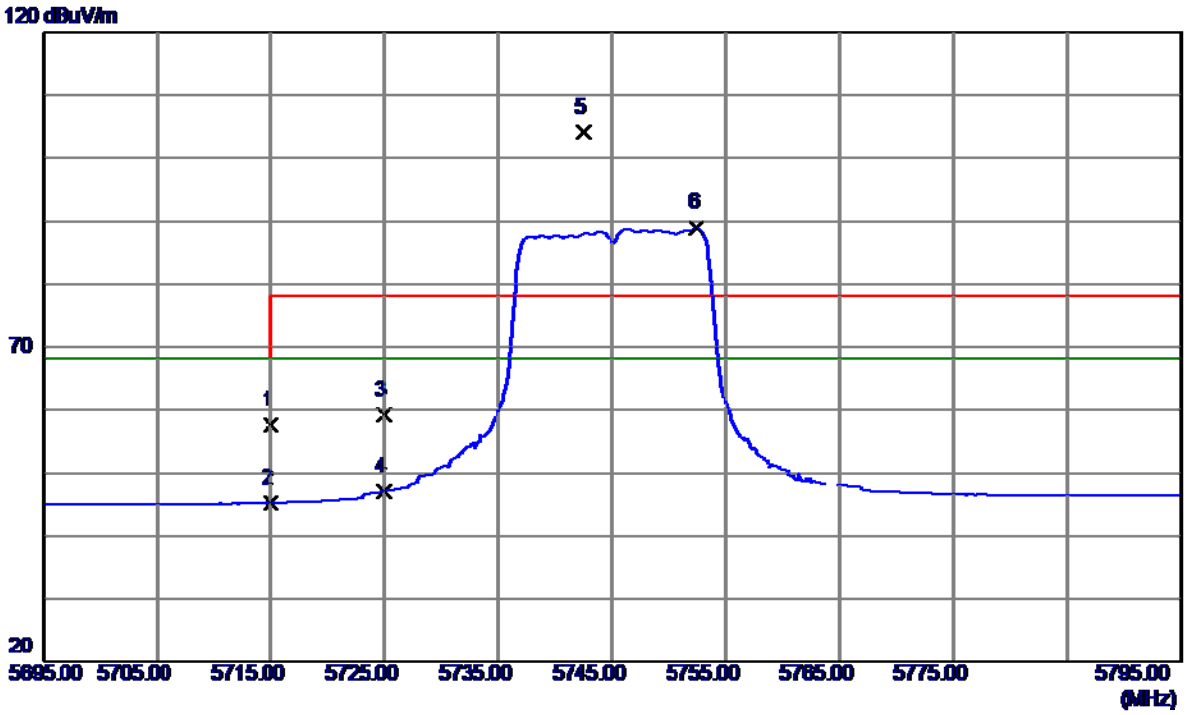
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10459.9200	42.89	16.79	59.68	68.30	-8.62	Peak	
2	10461.0800	30.51	16.79	47.30	54.00	-6.70	AVG	

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

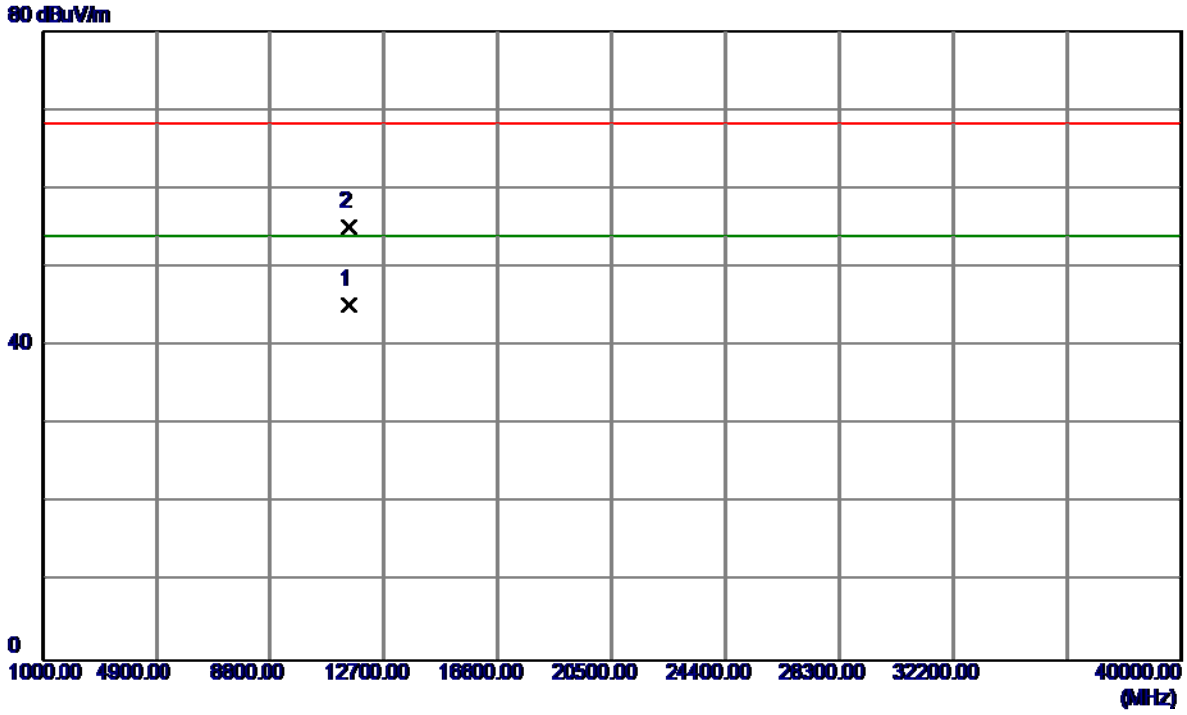
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.62	41.05	57.67	68.30	-10.63	Peak	
2	5715.0000	4.21	41.05	45.26	68.30	-23.04	AVG	
3	5725.0000	18.17	41.10	59.27	78.30	-19.03	Peak	
4	5725.0000	5.92	41.10	47.02	68.30	-21.28	AVG	
5	5742.6000	62.93	41.17	104.10	78.30	25.80	Peak	No Limit
6	5752.5000	47.75	41.21	88.96	68.30	20.66	AVG	No Limit

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

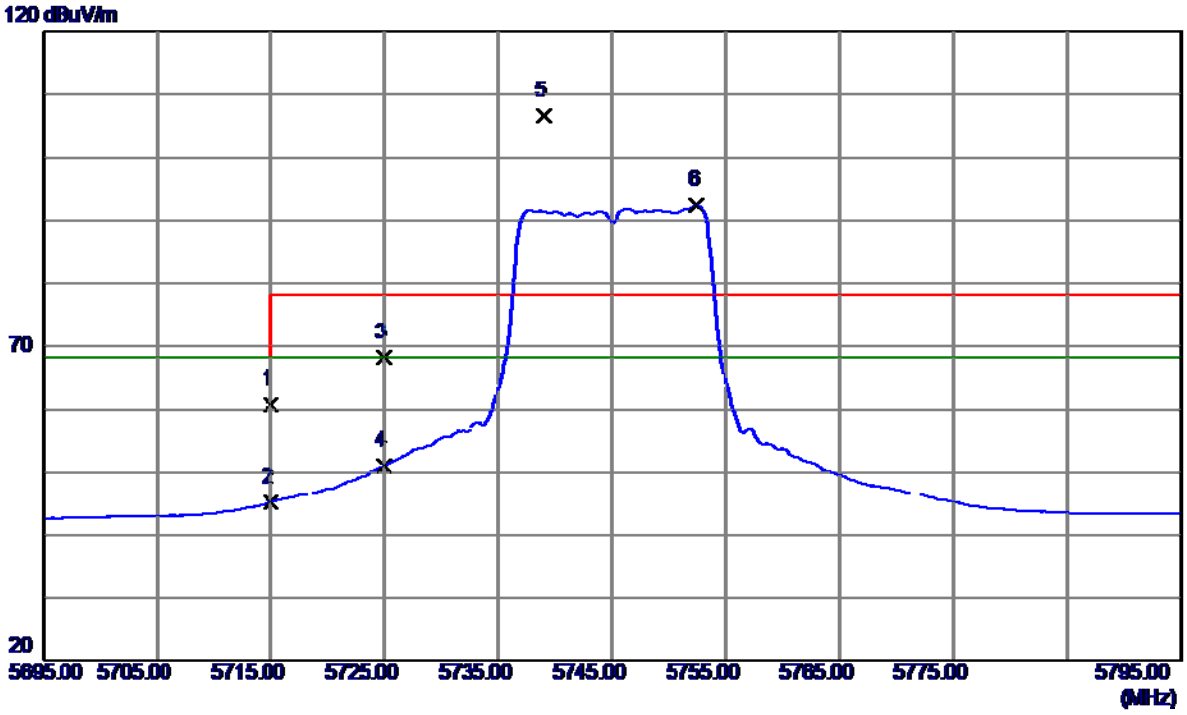
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.3400	26.37	18.96	45.33	54.00	-8.67	AVG	
2	11490.0599	36.17	18.96	55.13	68.30	-13.17	Peak	

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

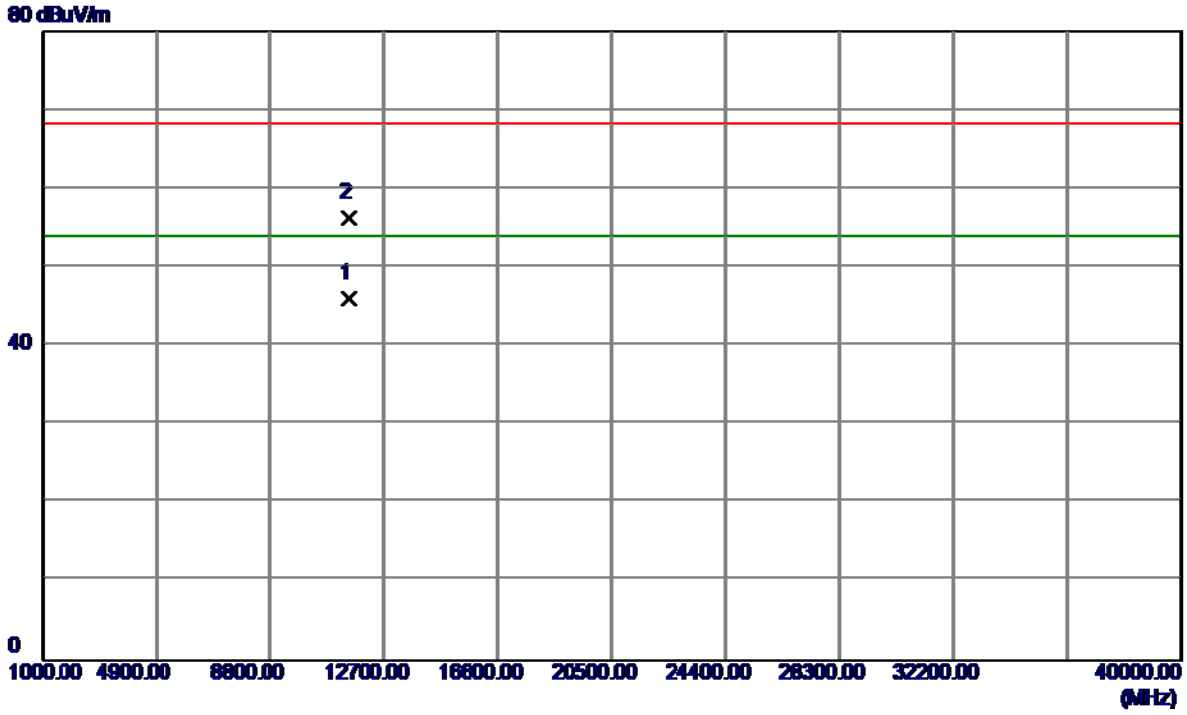
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	19.82	41.05	60.87	68.30	-7.43	Peak	
2	5715.0000	4.15	41.05	45.20	68.30	-23.10	AVG	
3	5725.0000	27.11	41.10	68.21	78.30	-10.09	Peak	
4	5725.0000	9.95	41.10	51.05	68.30	-17.25	AVG	
5	5739.0000	65.54	41.15	106.69	78.30	28.39	Peak	No Limit
6	5752.5000	51.16	41.21	92.37	68.30	24.07	AVG	No Limit

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

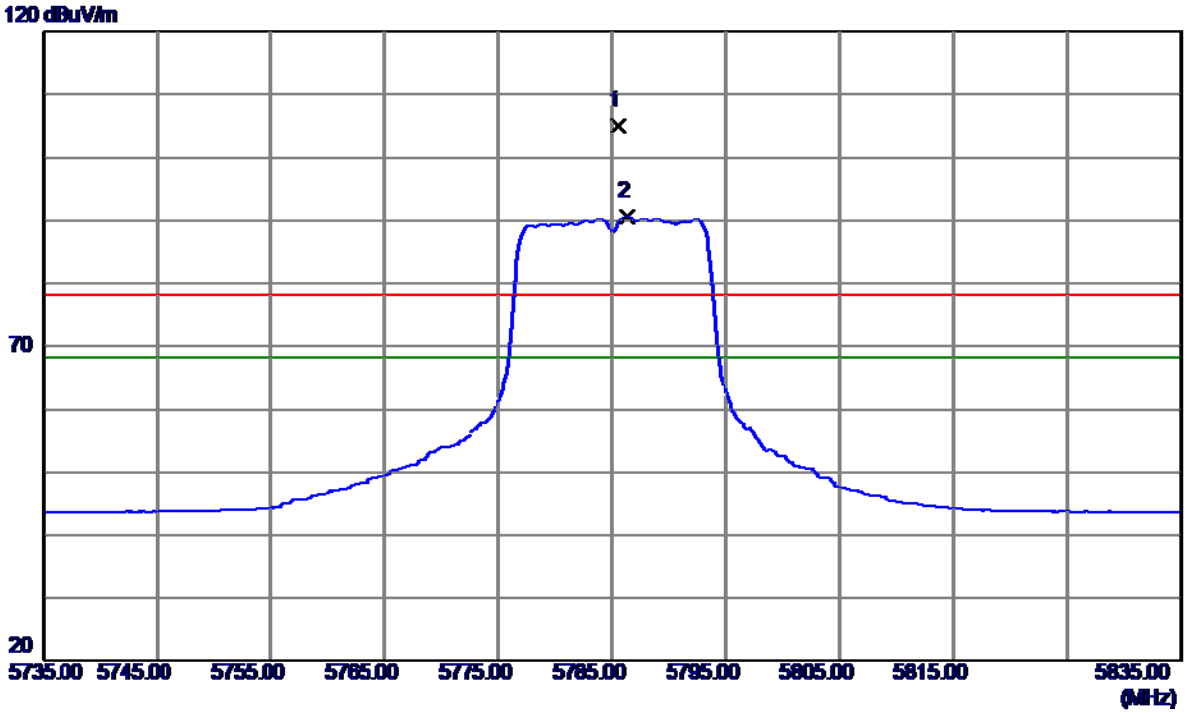
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.0599	27.17	18.96	46.13	54.00	-7.87	AVG	
2	11491.7100	37.29	18.97	56.26	68.30	-12.04	Peak	

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

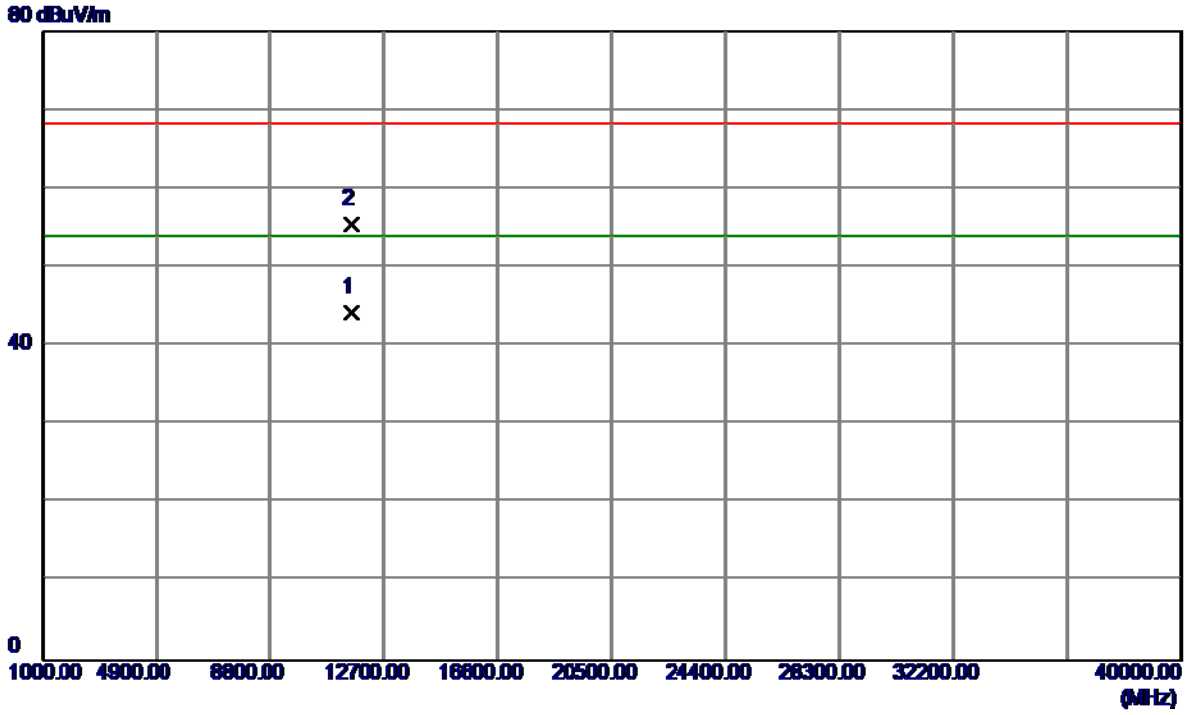
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5785.6000	63.73	41.35	105.08	78.30	26.78	Peak	No Limit
2	5786.3000	49.19	41.35	90.54	68.30	22.24	AVG	No Limit

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

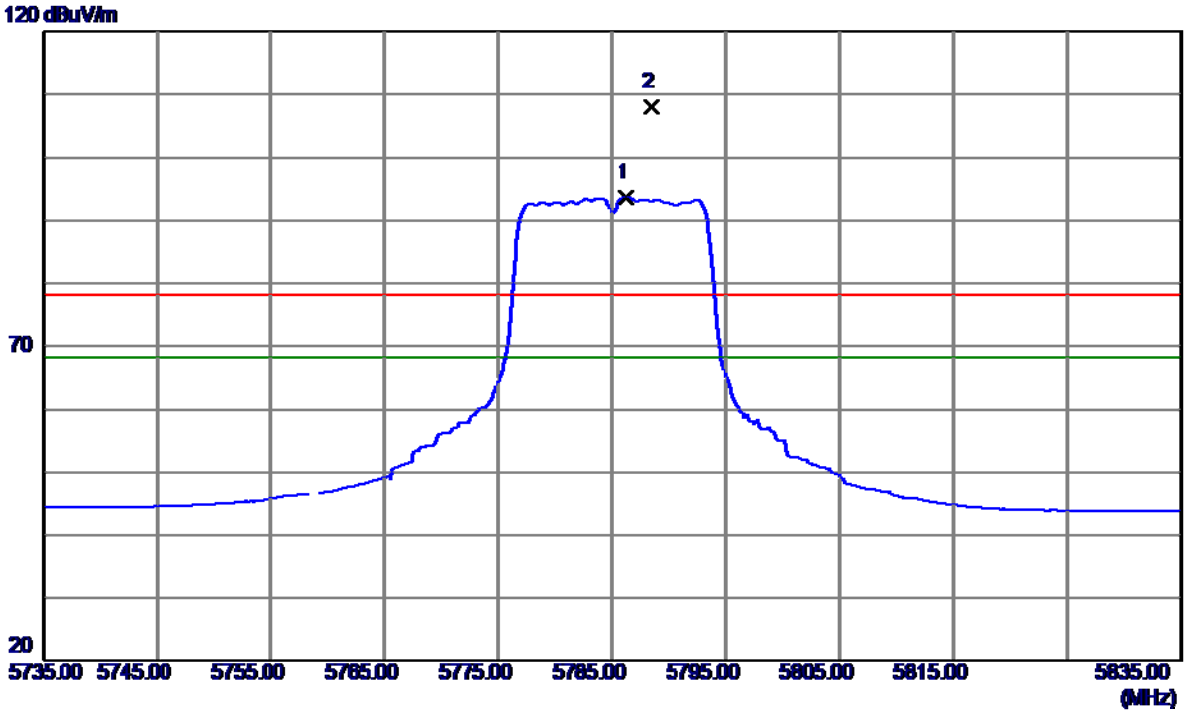
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11569.2300	25.38	19.00	44.38	54.00	-9.62	AVG	
2	11571.3800	36.48	19.00	55.48	68.30	-12.82	Peak	

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

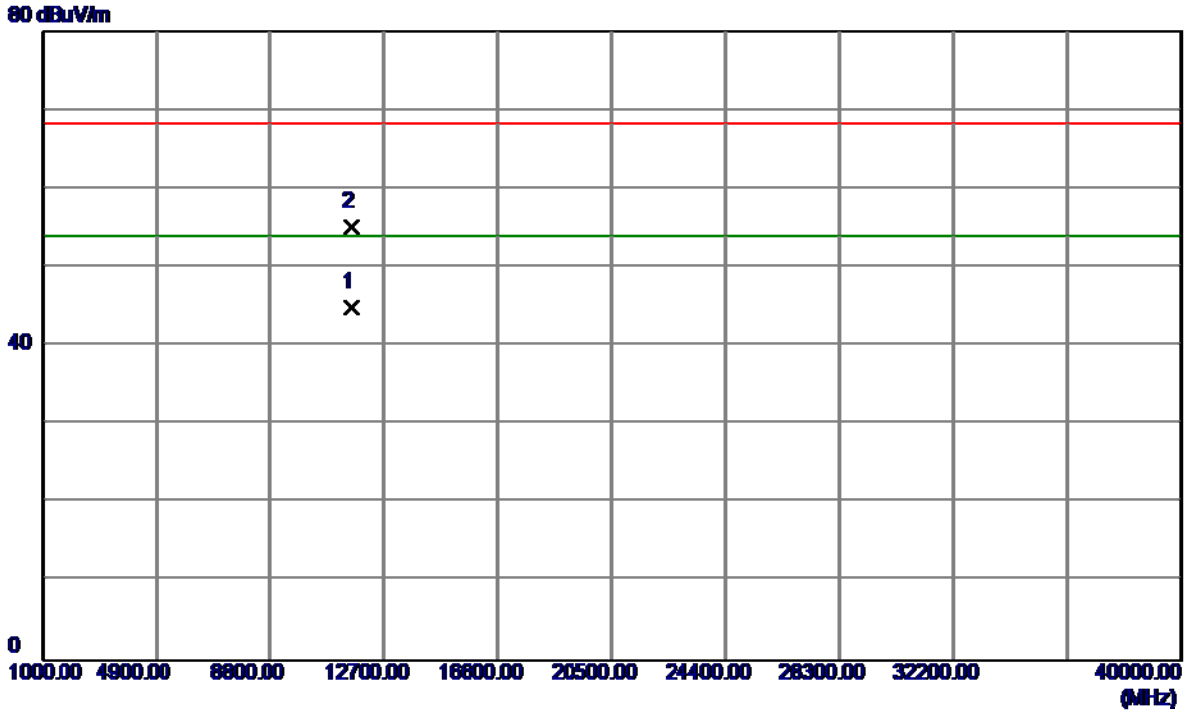
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.2000	52.34	41.35	93.69	68.30	25.39	AVG	No Limit
2	5788.4000	66.59	41.36	107.95	78.30	29.65	Peak	No Limit

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

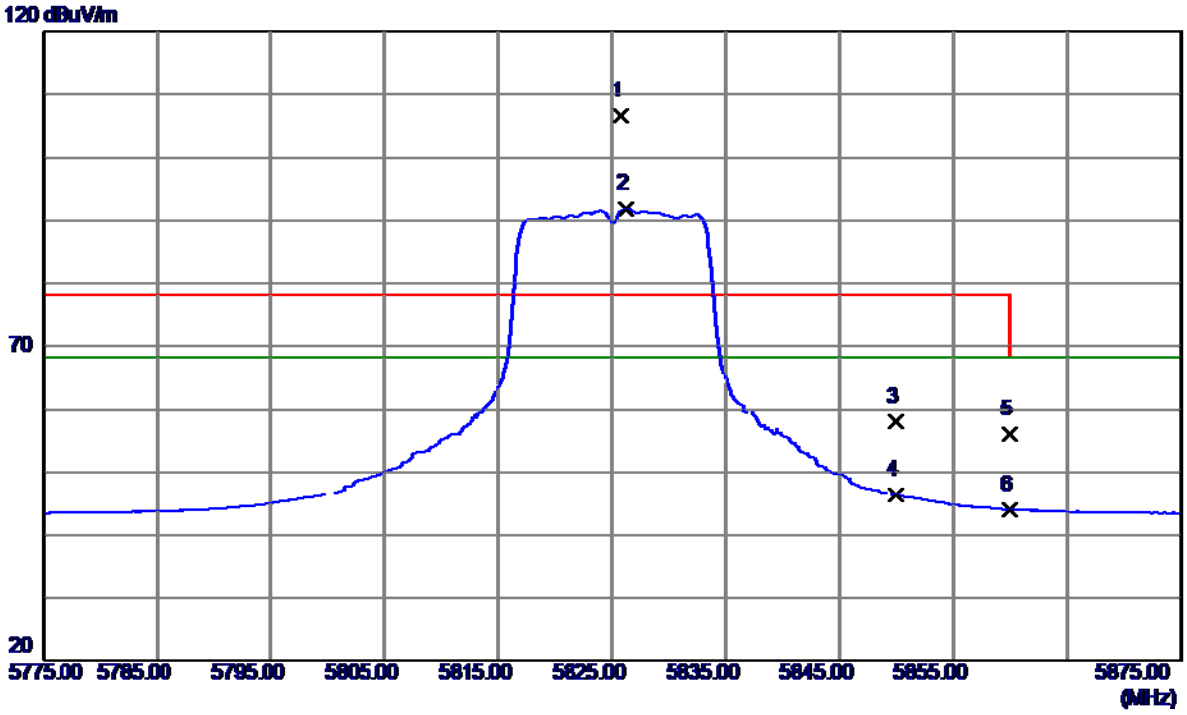
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.2500	25.89	19.00	44.89	54.00	-9.11	AVG	
2	11570.8000	36.18	19.00	55.18	68.30	-13.12	Peak	

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

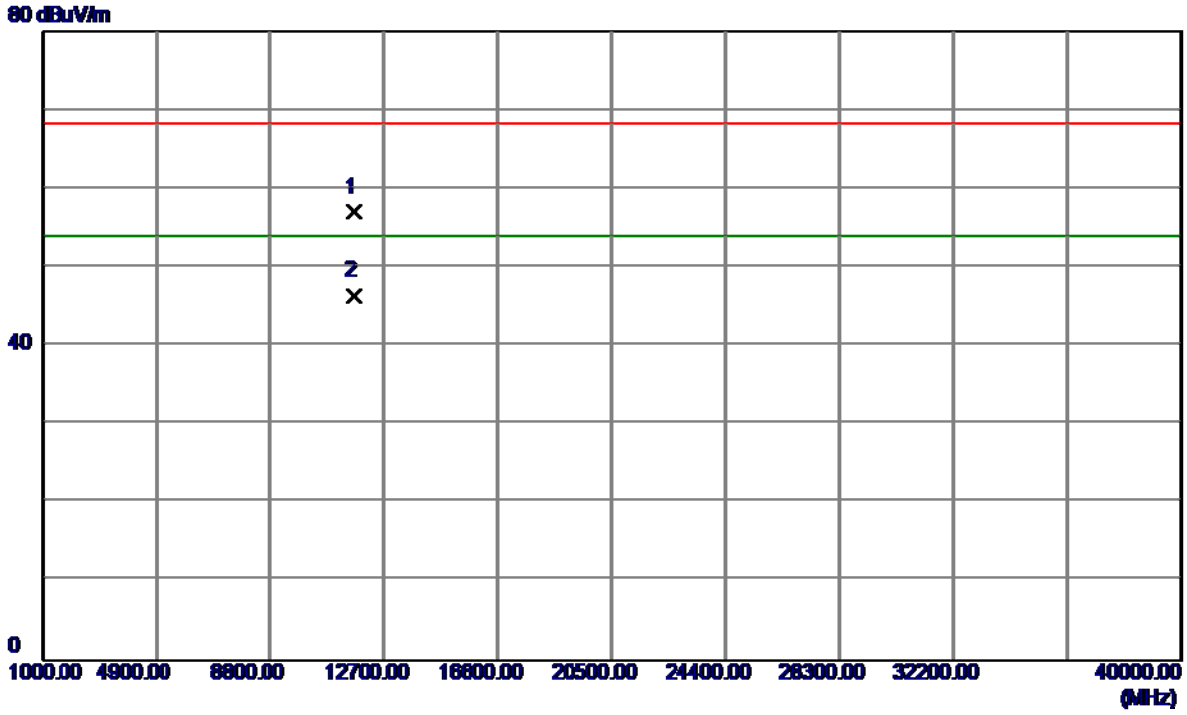
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5825.8000	65.11	41.52	106.63	78.30	28.33	Peak	No Limit
2	5826.2000	50.30	41.52	91.82	68.30	23.52	AVG	No Limit
3	5850.0000	16.45	41.62	58.07	78.30	-20.23	Peak	
4	5850.0000	4.71	41.62	46.33	68.30	-21.97	AVG	
5	5860.0000	14.36	41.66	56.02	78.30	-22.28	Peak	
6	5860.0000	2.40	41.66	44.06	68.30	-24.24	AVG	

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

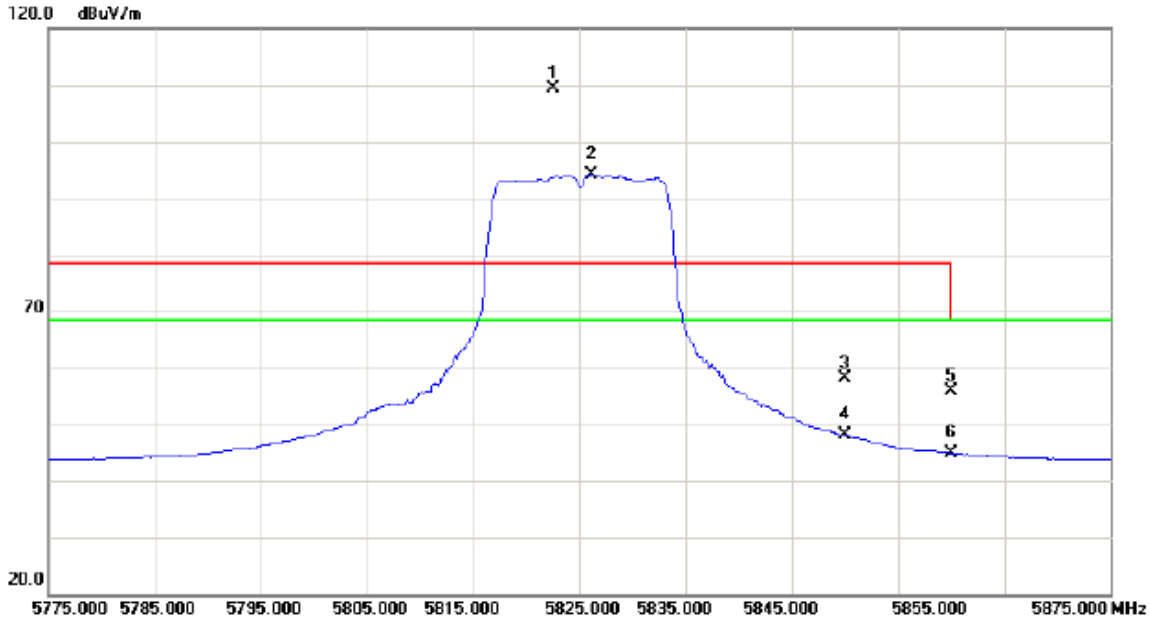
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.6700	38.03	19.01	57.04	68.30	-11.26	Peak	
2	11650.9000	27.39	19.01	46.40	54.00	-7.60	AVG	

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

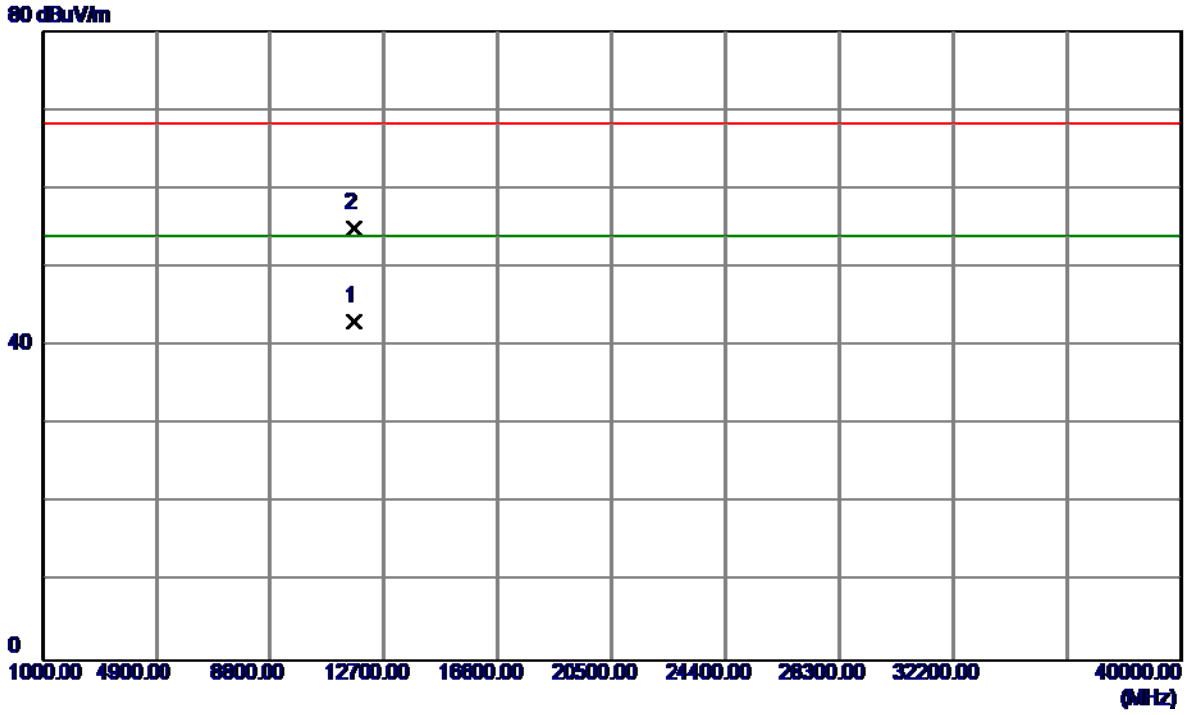
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5822.500	67.79	41.50	109.29	78.30	30.99	peak	No Limit
2	X	5826.200	52.73	41.52	94.25	68.30	25.95	AVG	No Limit
3		5850.000	16.49	41.62	58.11	78.30	-20.19	peak	
4		5850.000	6.45	41.62	48.07	68.30	-20.23	AVG	
5		5860.000	14.31	41.65	55.96	68.30	-12.34	peak	
6		5860.000	3.31	41.65	44.96	68.30	-23.34	AVG	

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

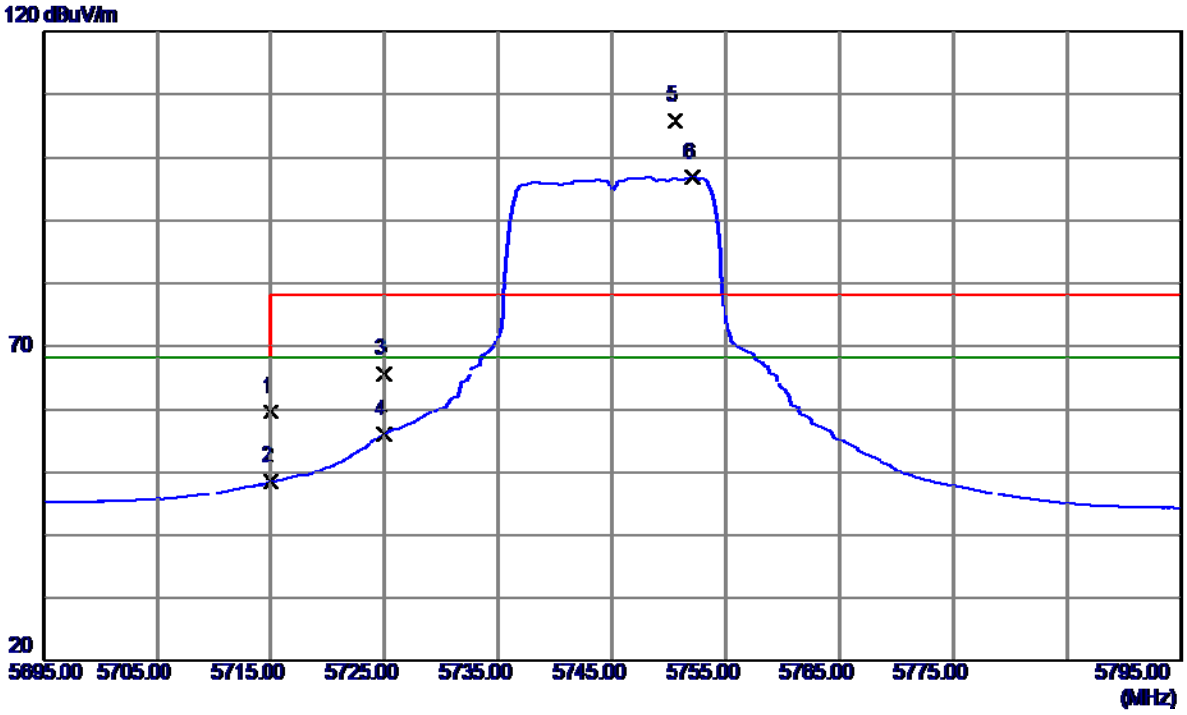
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.5700	24.18	19.01	43.19	54.00	-10.81	AVG	
2	11654.0800	36.05	19.01	55.06	68.30	-13.24	Peak	

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

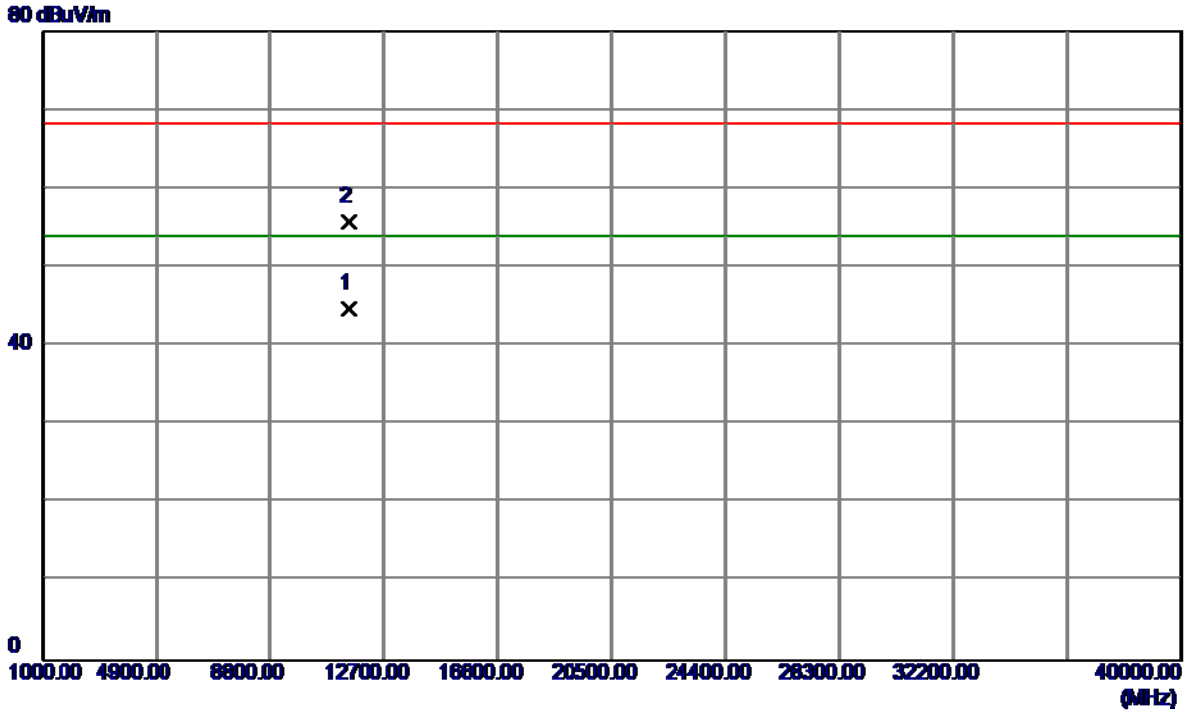
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	18.49	41.05	59.54	68.30	-8.76	Peak	
2	5715.0000	7.50	41.05	48.55	68.30	-19.75	AVG	
3	5725.0000	24.59	41.10	65.69	78.30	-12.61	Peak	
4	5725.0000	14.88	41.10	55.98	68.30	-12.32	AVG	
5	5750.6000	64.53	41.20	105.73	78.30	27.43	Peak	No Limit
6	5752.1000	55.59	41.21	96.80	68.30	28.50	AVG	No Limit

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

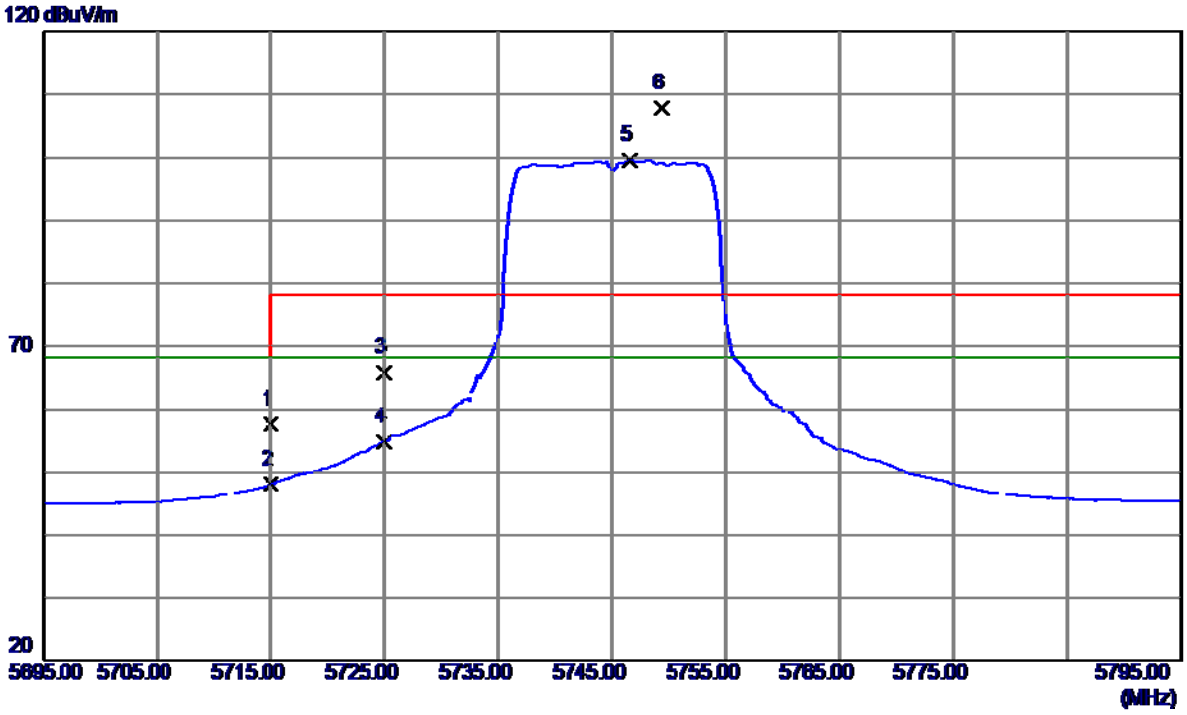
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11491.2000	25.81	18.97	44.78	54.00	-9.22	AVG	
2	11493.0500	36.80	18.97	55.77	68.30	-12.53	Peak	

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

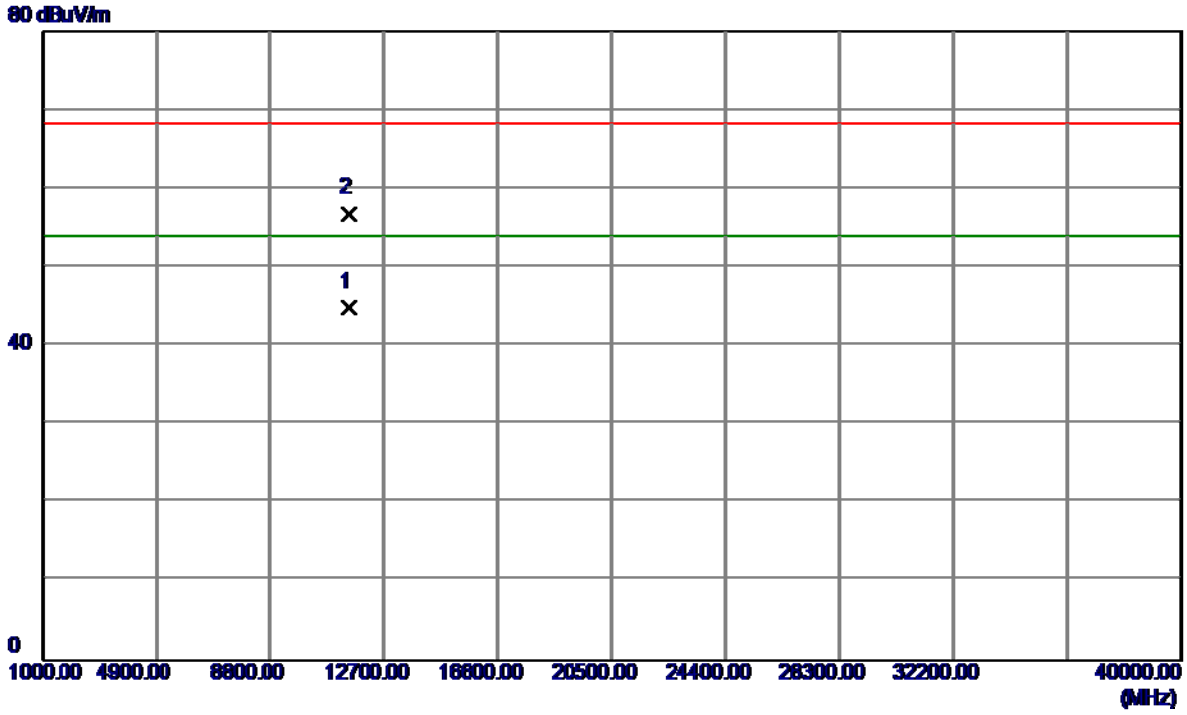
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.47	41.05	57.52	68.30	-10.78	Peak	
2	5715.0000	7.05	41.05	48.10	68.30	-20.20	AVG	
3	5725.0000	24.77	41.10	65.87	78.30	-12.43	Peak	
4	5725.0000	13.75	41.10	54.85	68.30	-13.45	AVG	
5	5746.6000	58.39	41.19	99.58	68.30	31.28	AVG	No Limit
6	5749.3000	66.60	41.20	107.80	78.30	29.50	Peak	No Limit

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

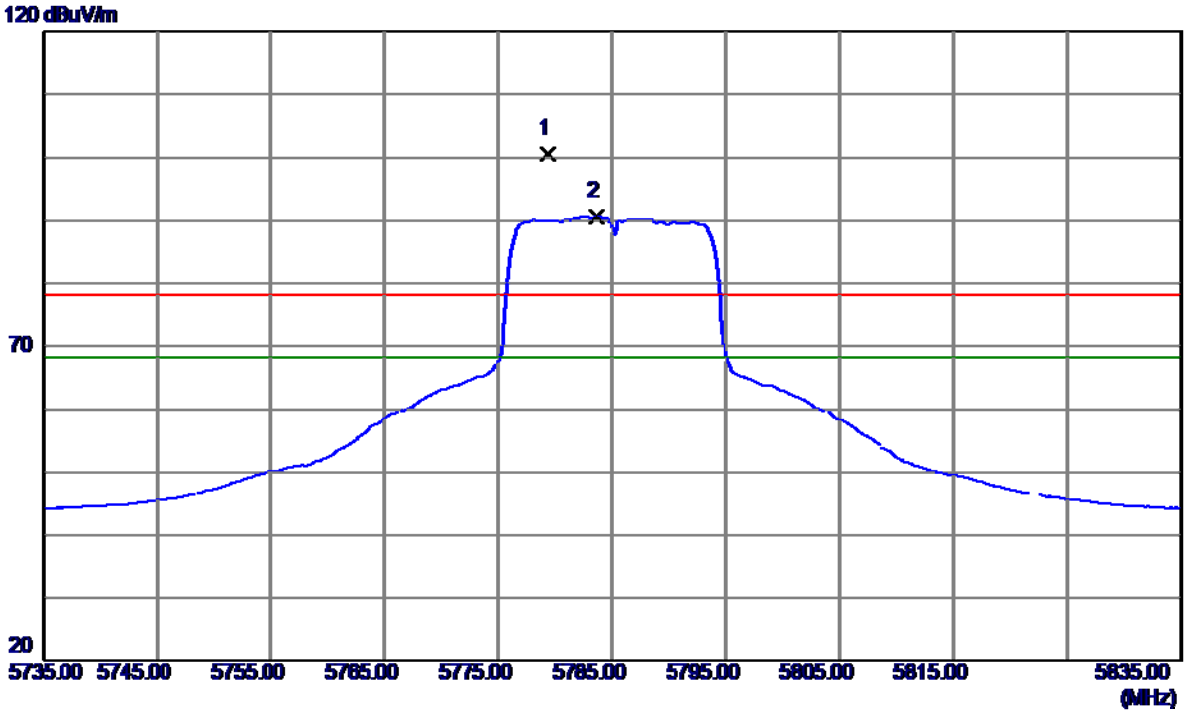
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.3600	26.05	18.96	45.01	54.00	-8.99	AVG	
2	11492.3400	37.91	18.97	56.88	68.30	-11.42	Peak	

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

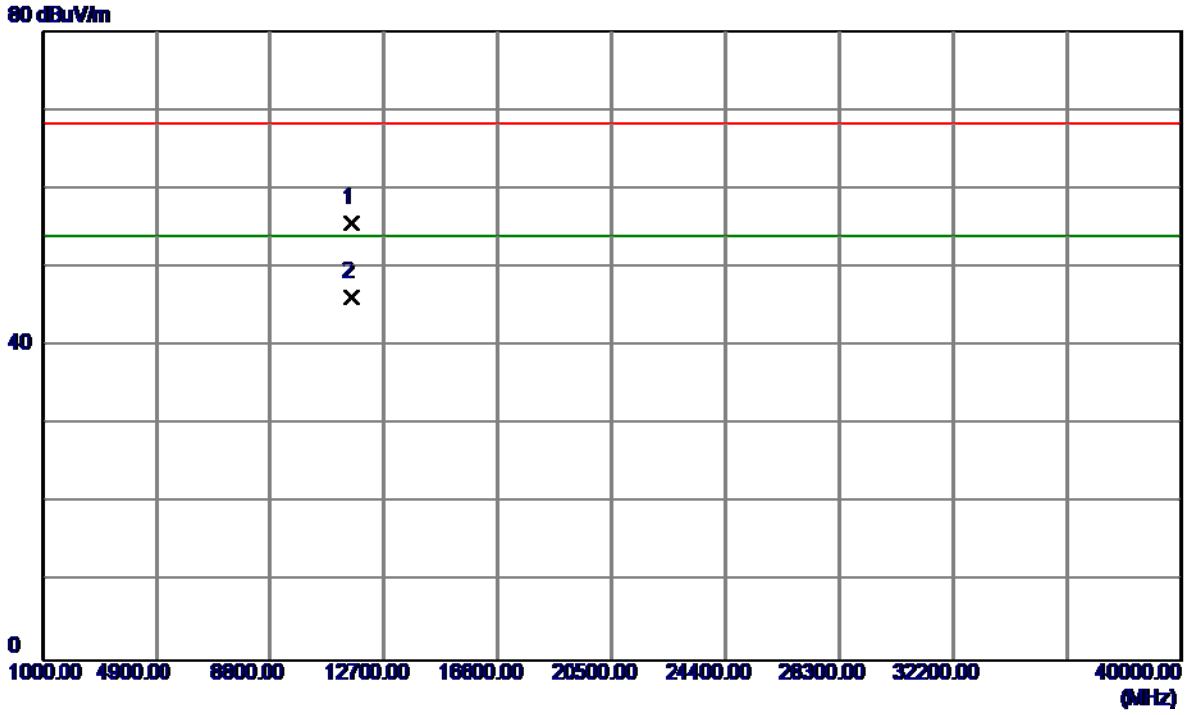
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5779.3000	59.28	41.32	100.60	78.30	22.30	Peak	No Limit
2	5783.7000	49.32	41.34	90.66	68.30	22.36	AVG	No Limit

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

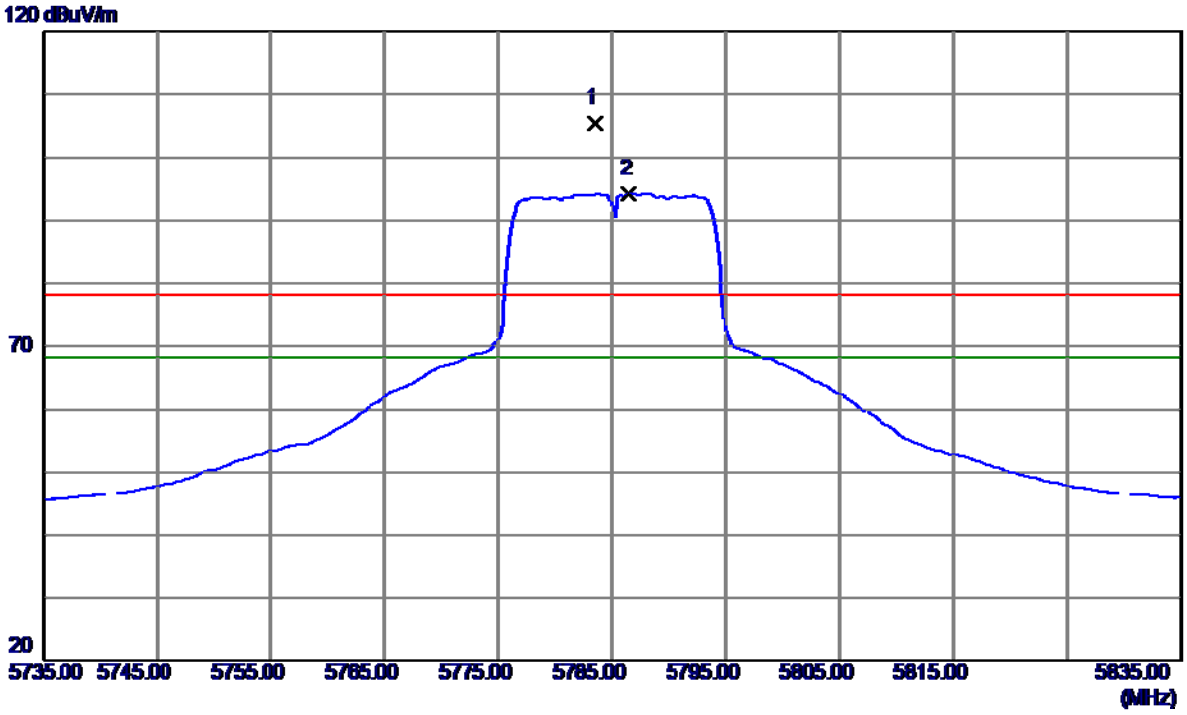
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.0900	36.64	19.00	55.64	68.30	-12.66	Peak	
2	11571.1600	27.22	19.00	46.22	54.00	-7.78	AVG	

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

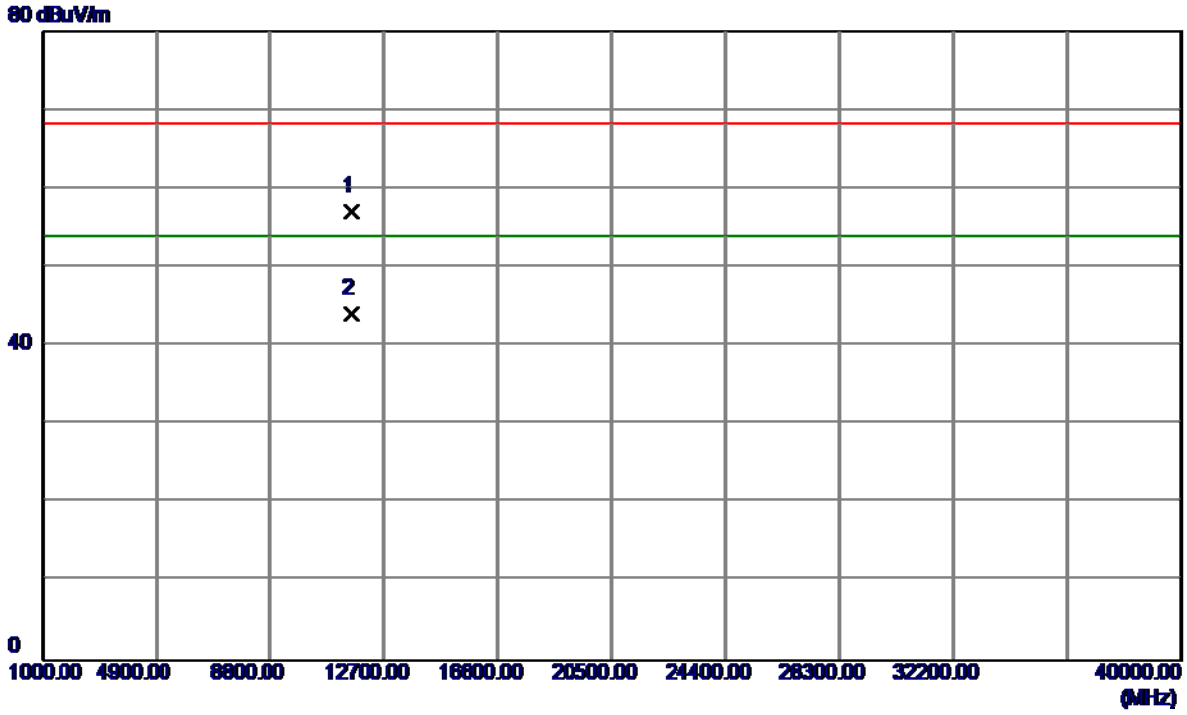
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5783.6000	64.11	41.34	105.45	78.30	27.15	Peak	No Limit
2	5786.5000	52.90	41.35	94.25	68.30	25.95	AVG	No Limit

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

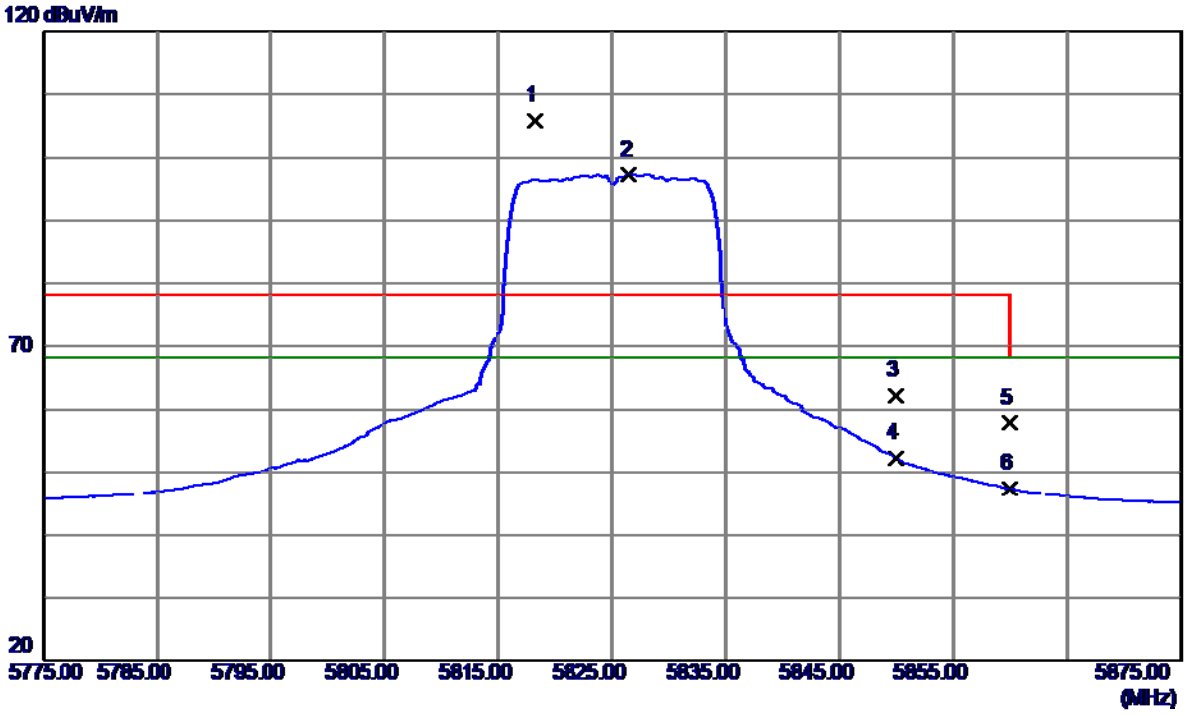
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.1500	38.19	19.00	57.19	68.30	-11.11	Peak	
2	11573.0199	25.16	19.00	44.16	54.00	-9.84	AVG	

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

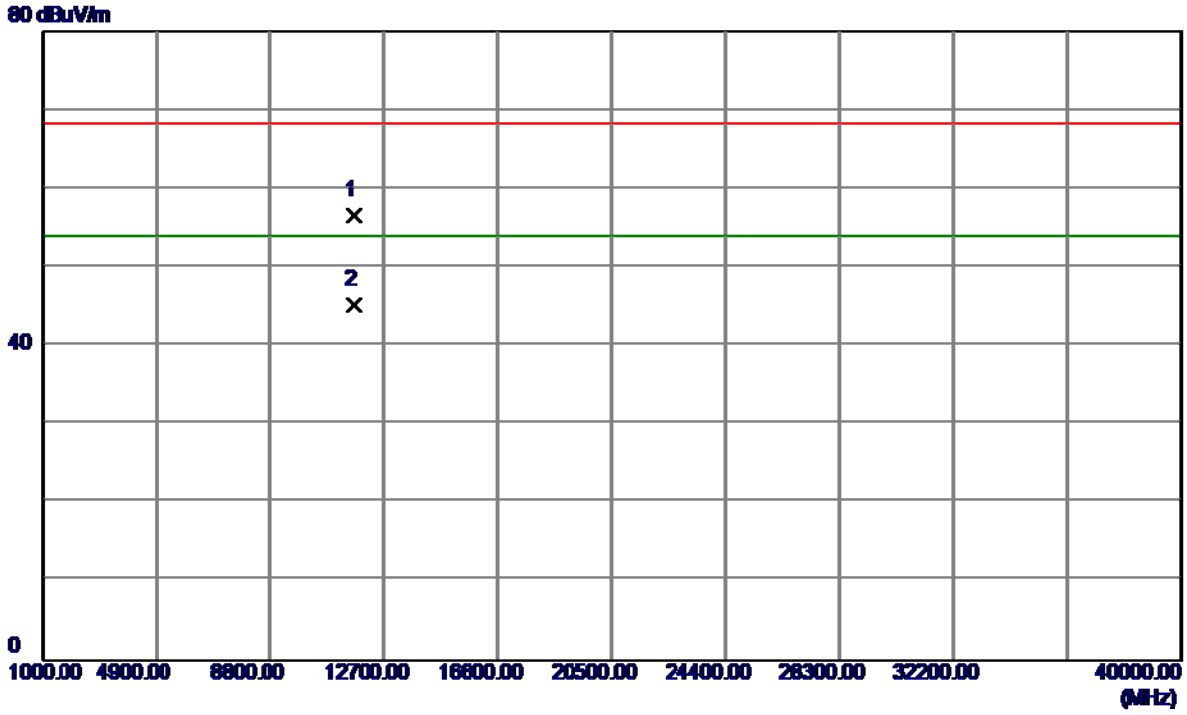
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5818.2000	64.37	41.48	105.85	78.30	27.55	Peak	No Limit
2	5826.5000	55.72	41.52	97.24	68.30	28.94	AVG	No Limit
3	5850.0000	20.64	41.62	62.26	78.30	-16.04	Peak	
4	5850.0000	10.53	41.62	52.15	68.30	-16.15	AVG	
5	5860.0000	16.11	41.66	57.77	78.30	-20.53	Peak	
6	5860.0000	5.71	41.66	47.37	68.30	-20.93	AVG	

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

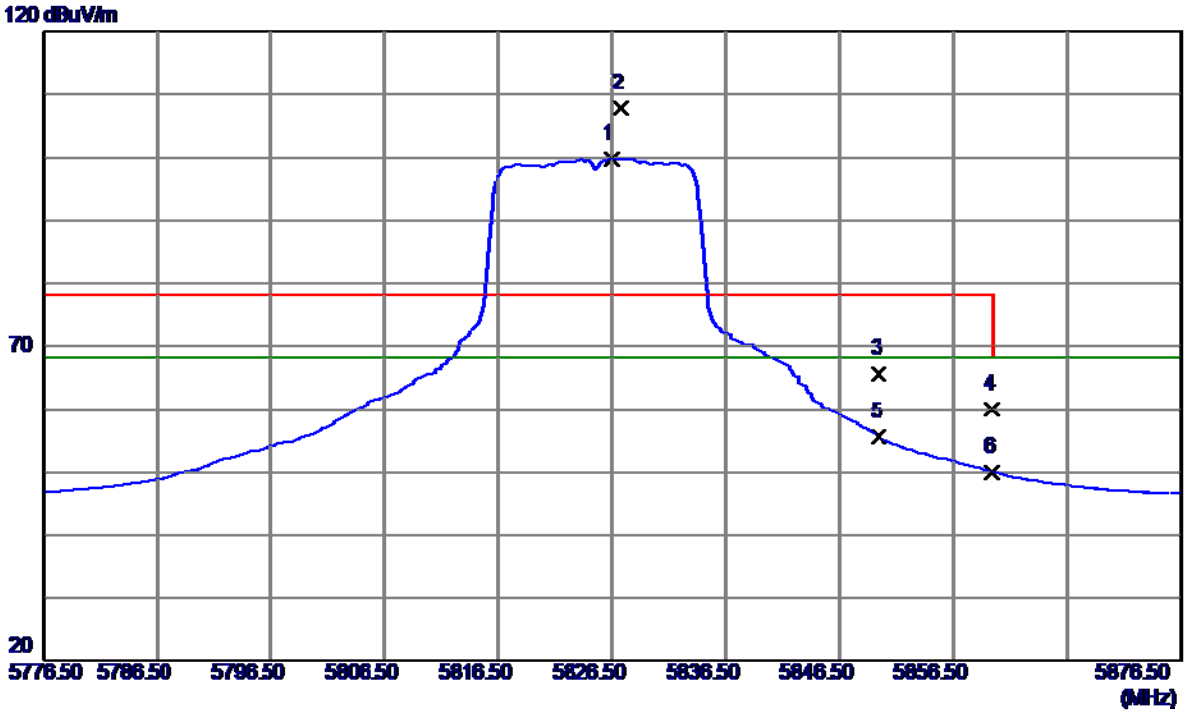
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.5199	37.63	19.01	56.64	68.30	-11.66	Peak	
2	11650.1400	26.21	19.01	45.22	54.00	-8.78	AVG	

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

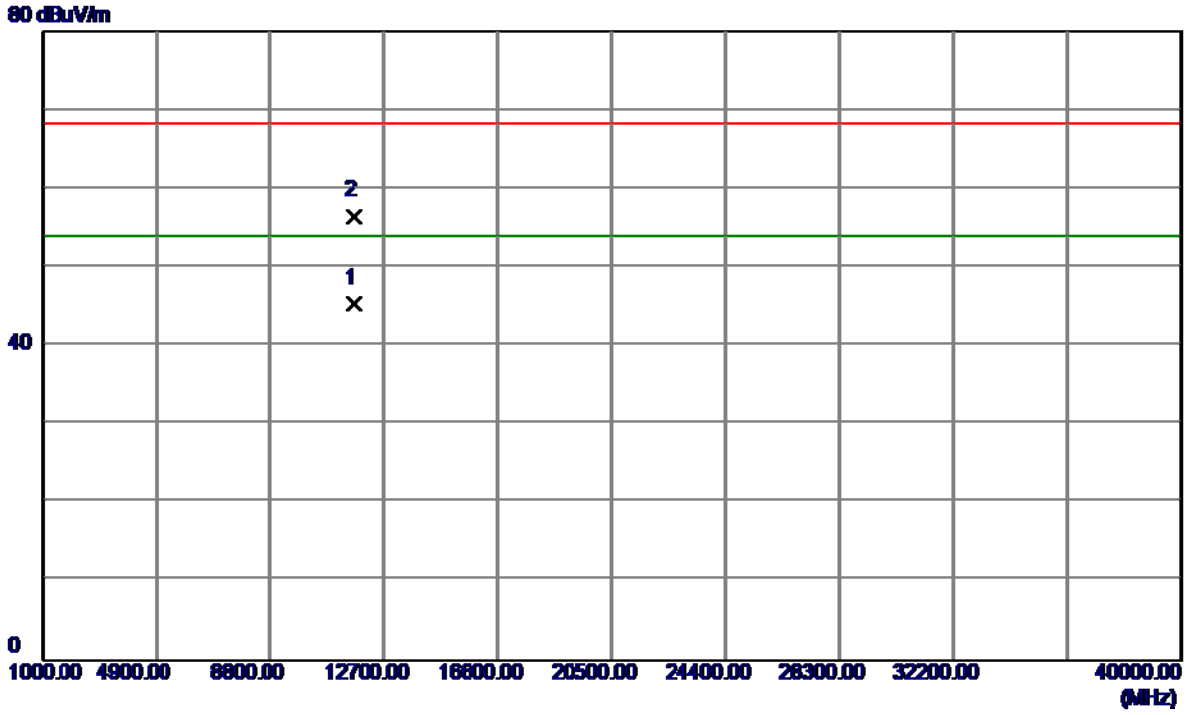
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5826.5000	58.36	41.52	99.88	68.30	31.58	AVG	No Limit
2	5827.3000	66.26	41.52	107.78	78.30	29.48	Peak	No Limit
3	5850.0000	23.97	41.62	65.59	78.30	-12.71	Peak	
4	5860.0000	18.29	41.66	59.95	78.30	-18.35	Peak	
5	5850.0000	13.90	41.62	55.52	68.30	-12.78	AVG	
6	5860.0000	8.38	41.66	50.04	68.30	-18.26	AVG	

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

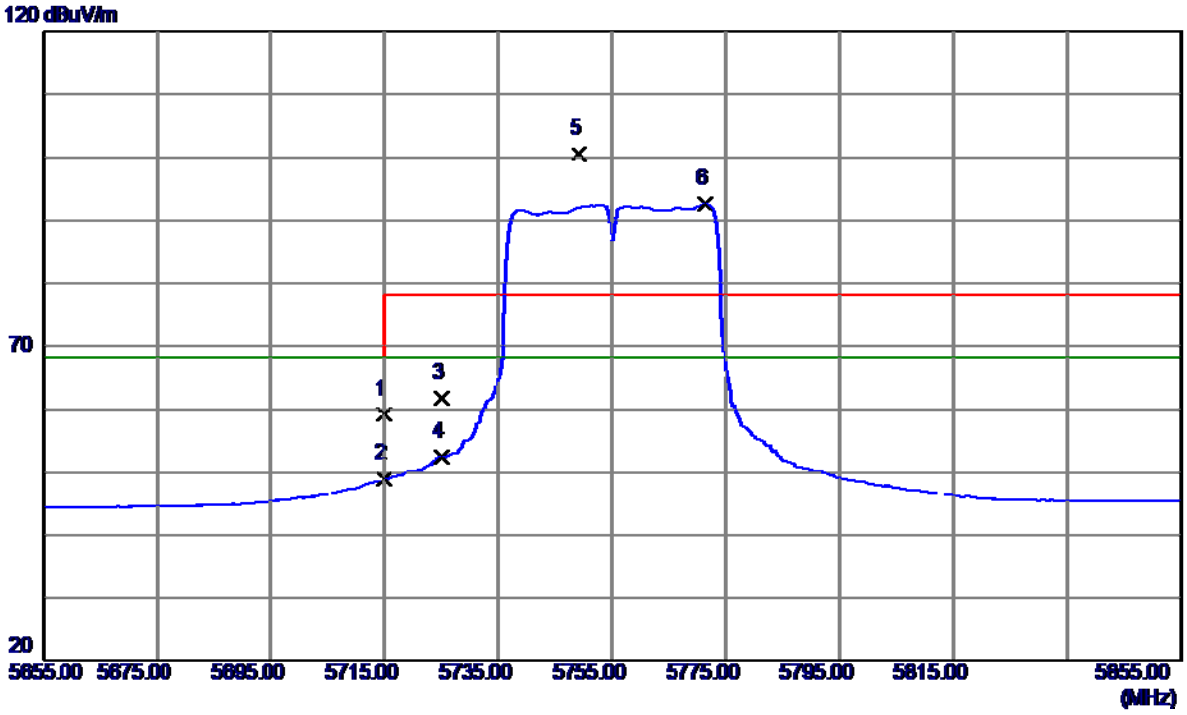
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.1600	26.45	19.01	45.46	54.00	-8.54	AVG	
2	11651.8800	37.55	19.01	56.56	68.30	-11.74	Peak	

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

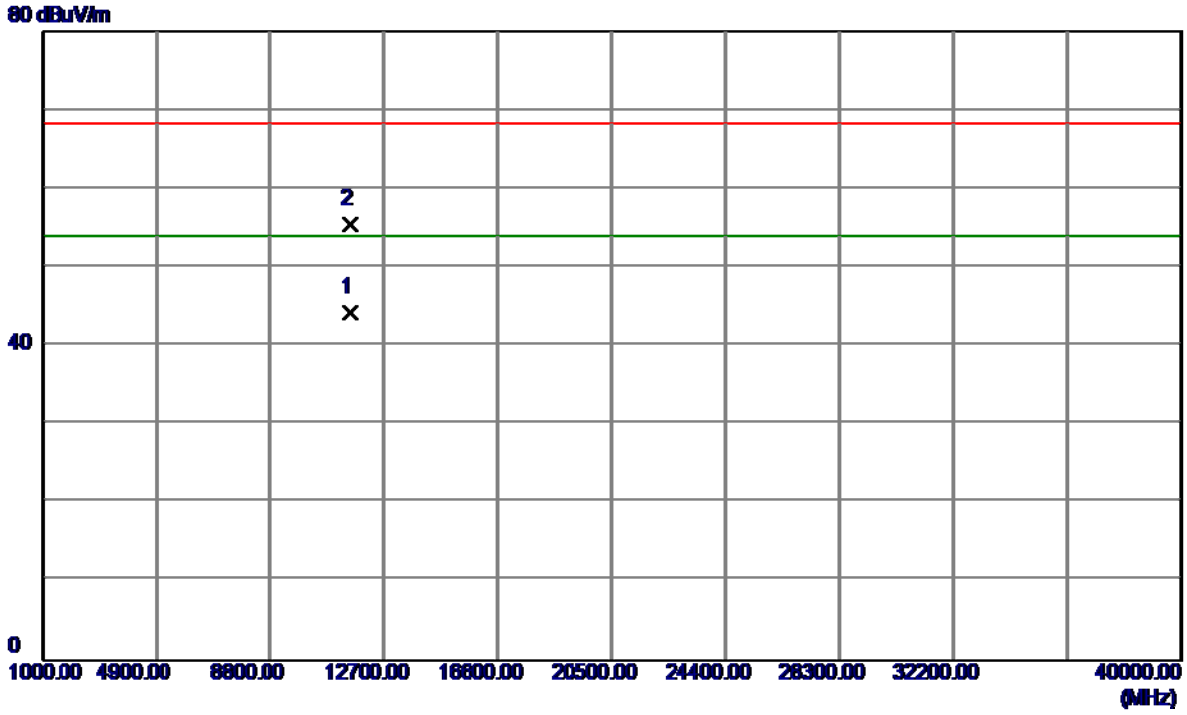
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	18.08	41.05	59.13	68.30	-9.17	Peak	
2	5715.0000	7.88	41.05	48.93	68.30	-19.37	AVG	
3	5725.0000	20.79	41.10	61.89	78.30	-16.41	Peak	
4	5725.0000	11.29	41.10	52.39	68.30	-15.91	AVG	
5	5749.2000	59.36	41.20	100.56	78.30	22.26	Peak	No Limit
6	5771.4000	51.27	41.29	92.56	68.30	24.26	AVG	No Limit

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

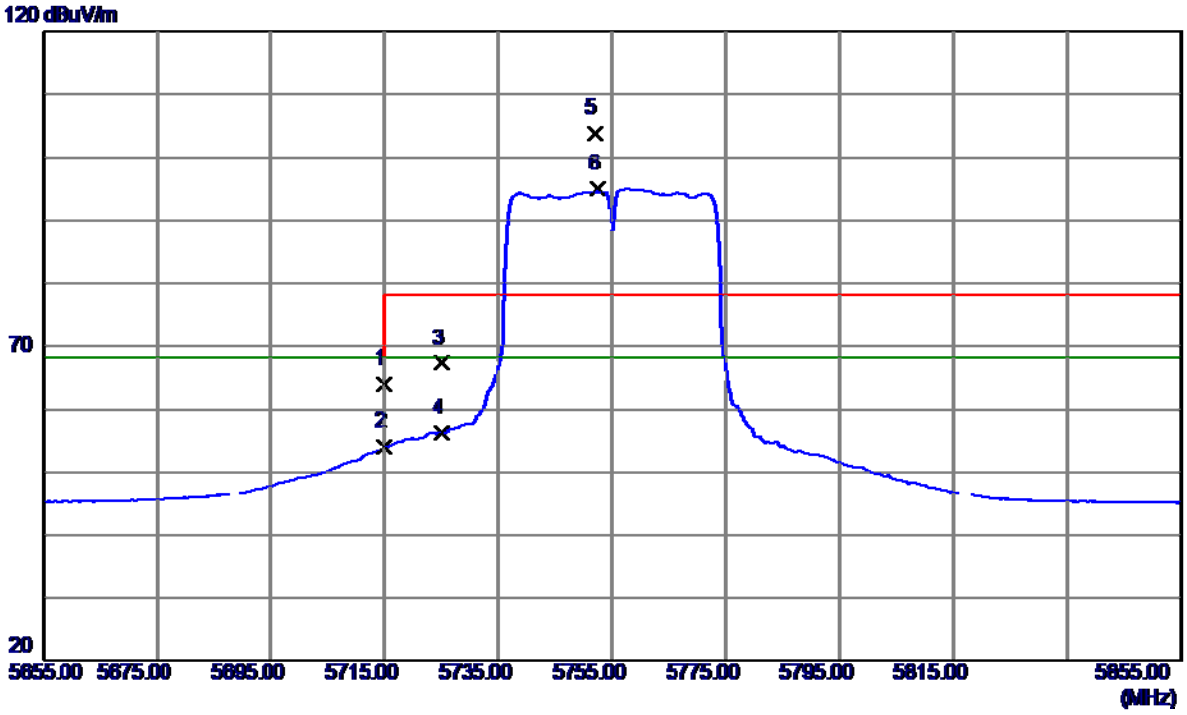
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.2200	25.38	19.00	44.38	54.00	-9.62	AVG	
2	11510.5800	36.45	19.00	55.45	68.30	-12.85	Peak	

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

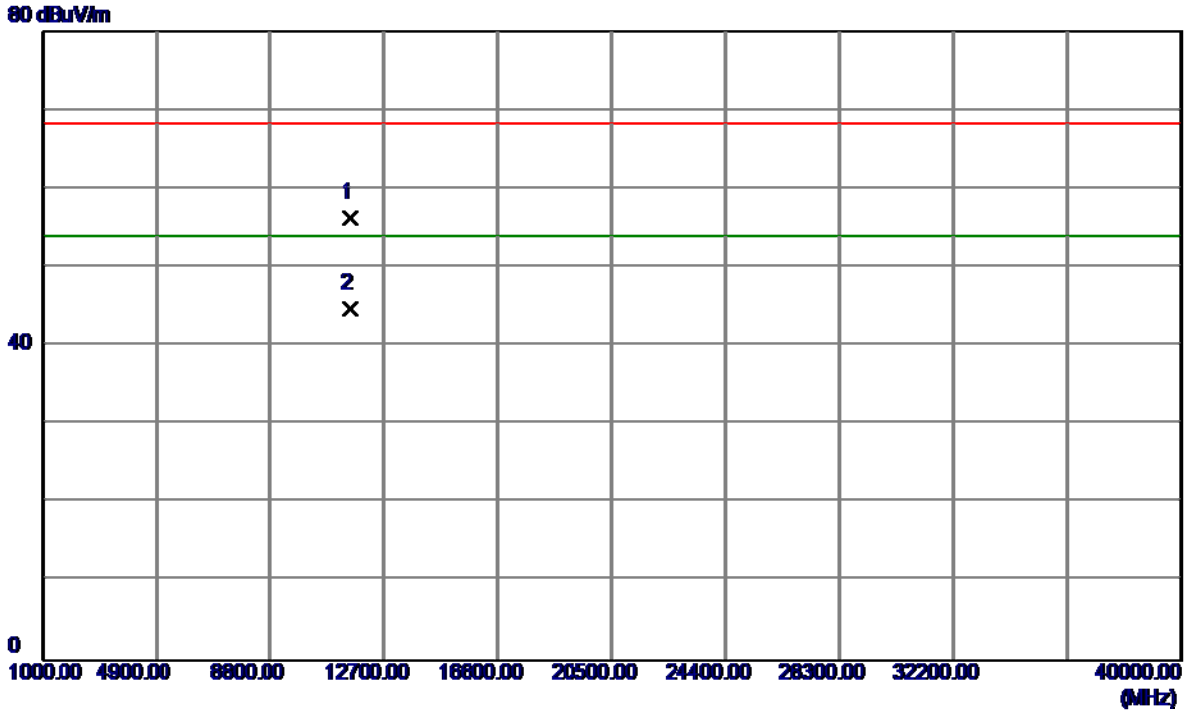
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.02	41.05	64.07	68.30	-4.23	Peak	
2	5715.0000	12.87	41.05	53.92	68.30	-14.38	AVG	
3	5725.0000	26.20	41.10	67.30	78.30	-11.00	Peak	
4	5725.0000	15.01	41.10	56.11	68.30	-12.19	AVG	
5	5752.0000	62.62	41.21	103.83	78.30	25.53	Peak	No Limit
6	5752.6000	53.79	41.21	95.00	68.30	26.70	AVG	No Limit

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

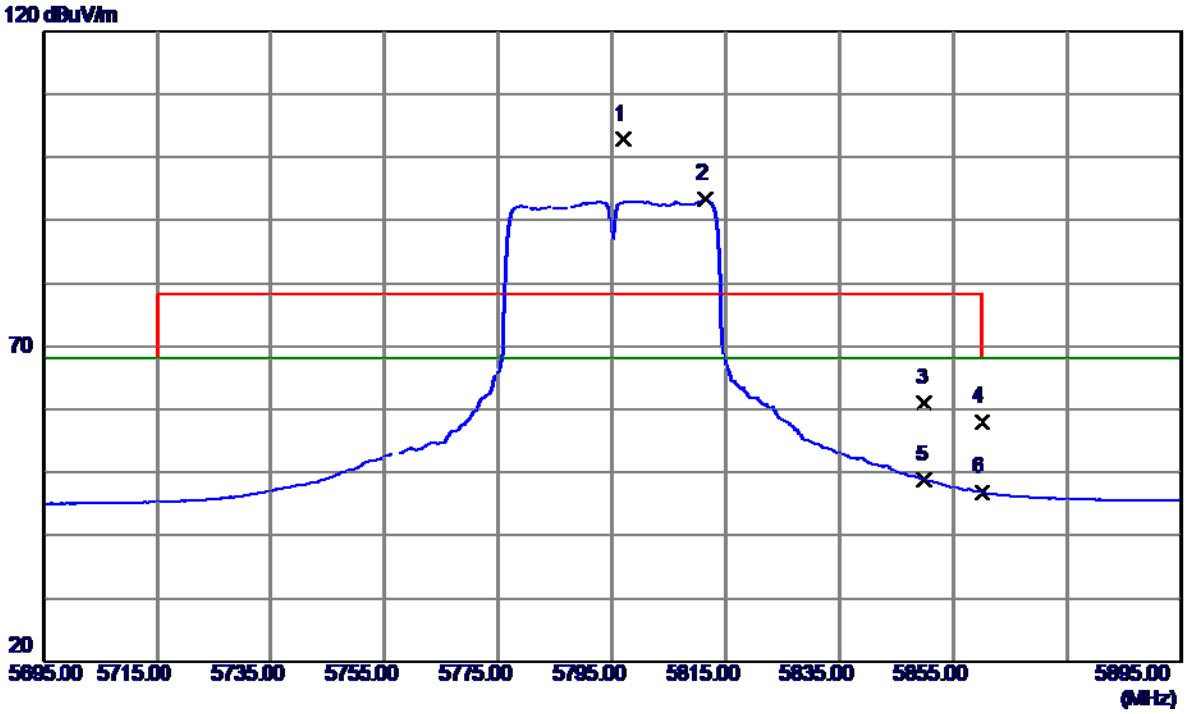
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11509.9200	37.27	19.00	56.27	68.30	-12.03	Peak	
2	11510.7800	25.82	19.00	44.82	54.00	-9.18	AVG	

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

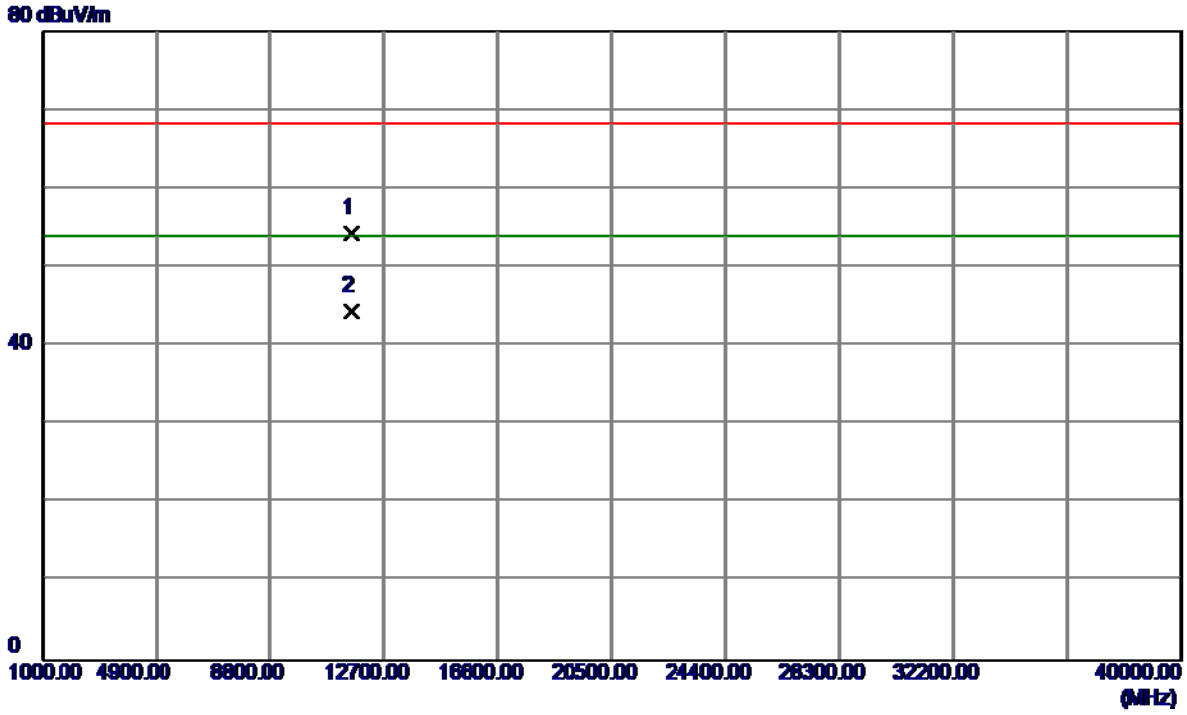
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5797.0000	61.49	41.40	102.89	78.30	24.59	Peak	No Limit
2	5811.4000	51.86	41.46	93.32	68.30	25.02	AVG	No Limit
3	5850.0000	19.35	41.62	60.97	78.30	-17.33	Peak	
4	5860.0000	16.36	41.66	58.02	78.30	-20.28	Peak	
5	5850.0000	7.15	41.62	48.77	68.30	-19.53	AVG	
6	5860.0000	5.16	41.66	46.82	68.30	-21.48	AVG	

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

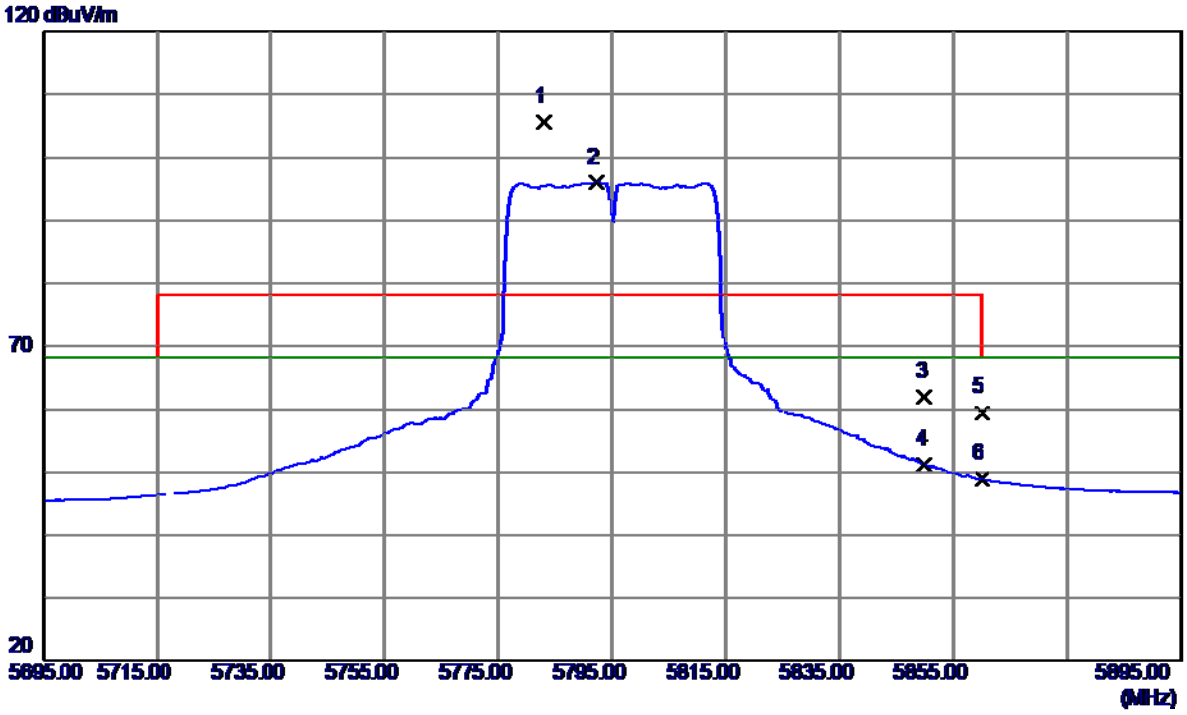
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.3600	35.43	19.01	54.44	68.30	-13.86	Peak	
2	11590.0800	25.43	19.01	44.44	54.00	-9.56	AVG	

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

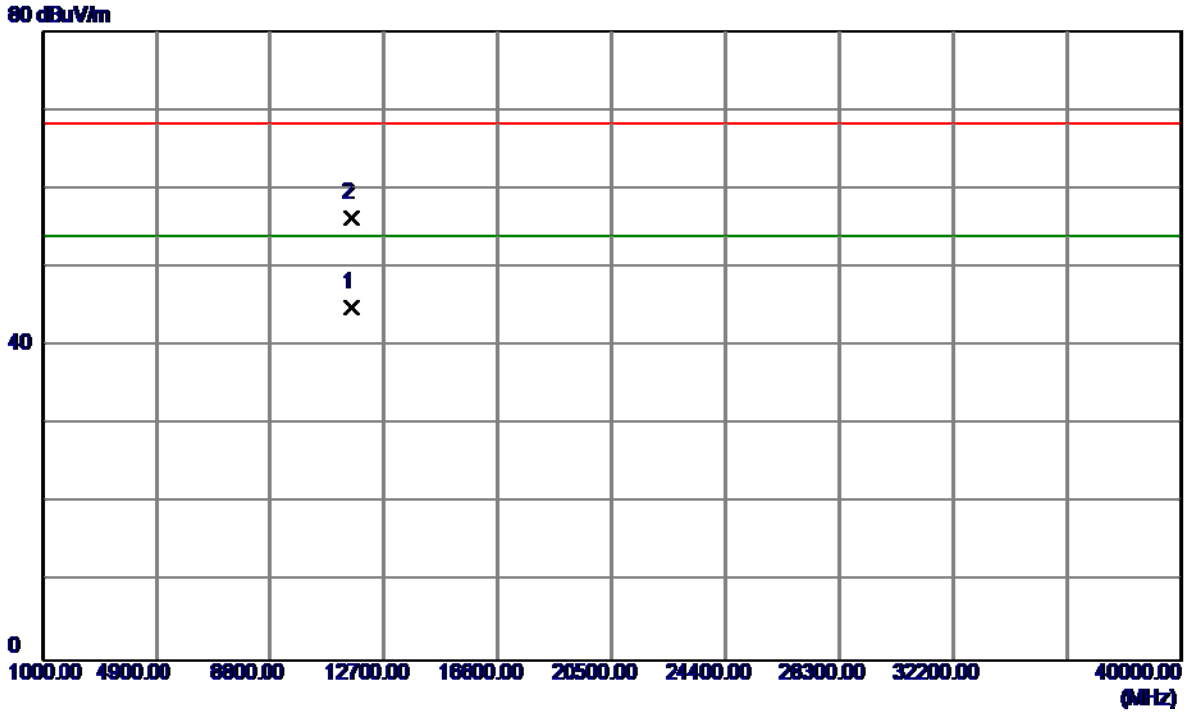
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5783.0000	64.20	41.34	105.54	78.30	27.24	Peak	No Limit
2	5792.4000	54.56	41.38	95.94	68.30	27.64	AVG	No Limit
3	5850.0000	20.35	41.62	61.97	78.30	-16.33	Peak	
4	5850.0000	9.61	41.62	51.23	68.30	-17.07	AVG	
5	5860.0000	17.84	41.66	59.50	78.30	-18.80	Peak	
6	5860.0000	7.32	41.66	48.98	68.30	-19.32	AVG	

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

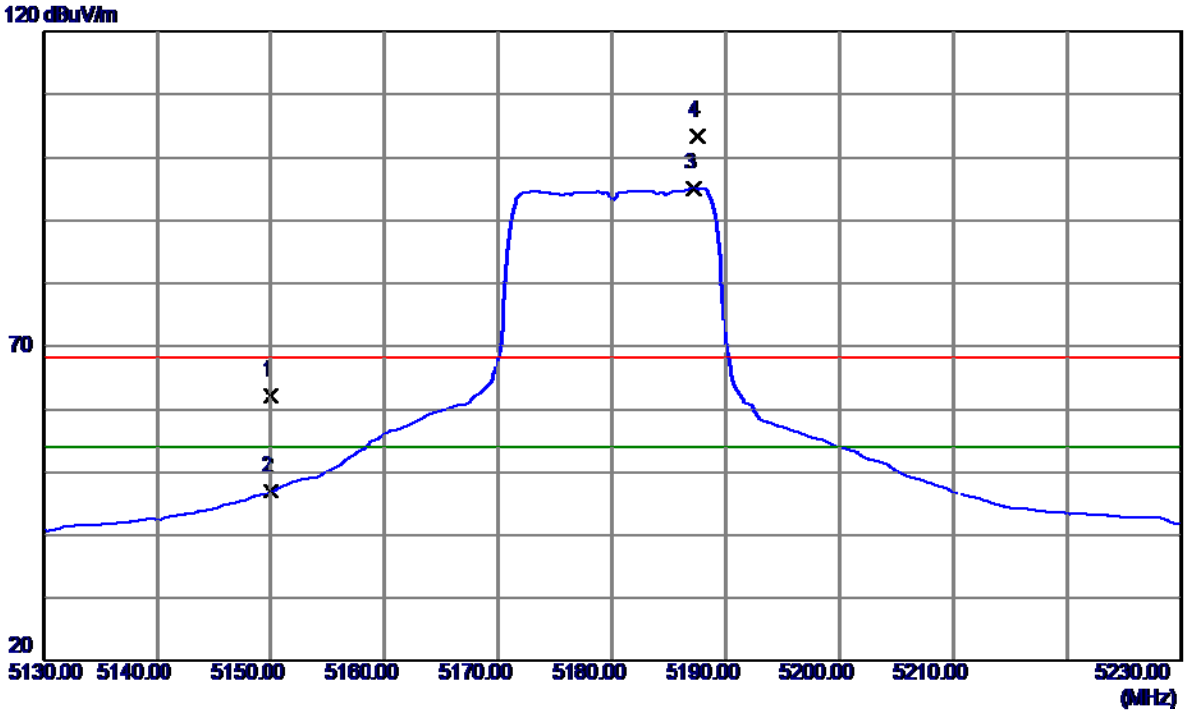
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.9400	25.96	19.01	44.97	54.00	-9.03	AVG	
2	11591.0000	37.35	19.01	56.36	68.30	-11.94	Peak	

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

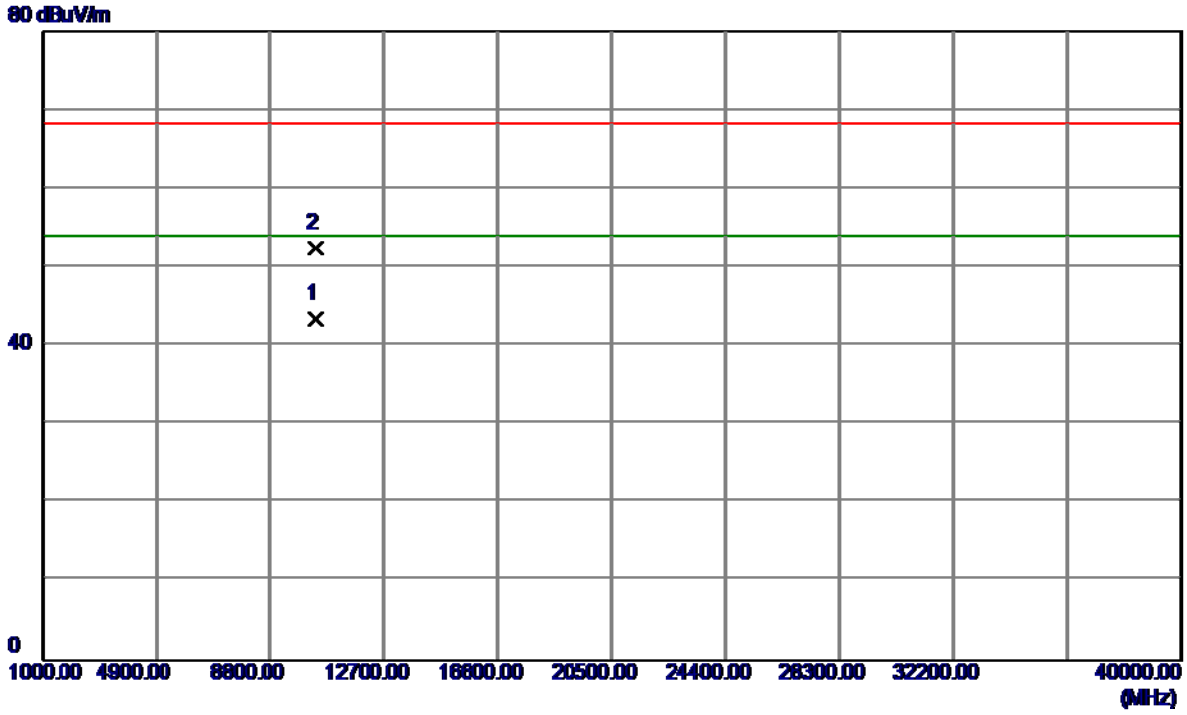
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.25	39.00	62.25	68.30	-6.05	Peak	
2	5150.0000	7.91	39.00	46.91	54.00	-7.09	AVG	
3	5187.2000	55.98	39.12	95.10	54.00	41.10	AVG	No Limit
4	5187.6000	64.34	39.12	103.46	68.30	35.16	Peak	No Limit

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

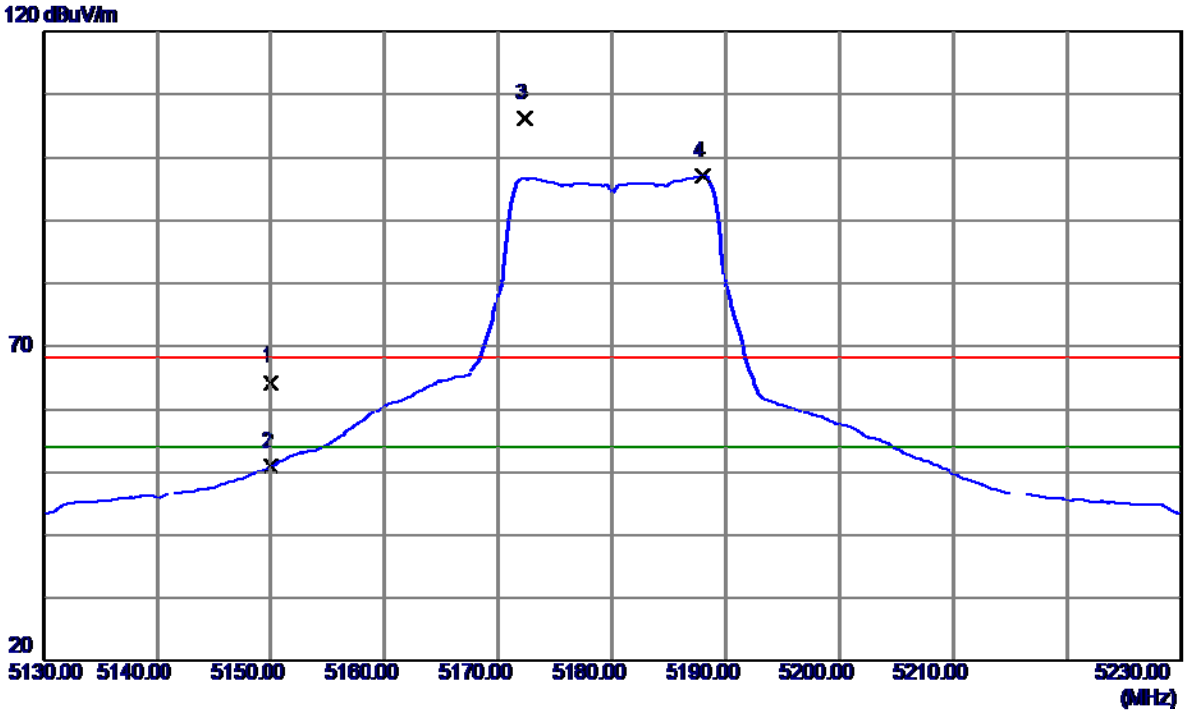
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.2600	26.65	16.93	43.58	54.00	-10.42	AVG	
2	10360.9600	35.48	16.93	52.41	68.30	-15.89	Peak	

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

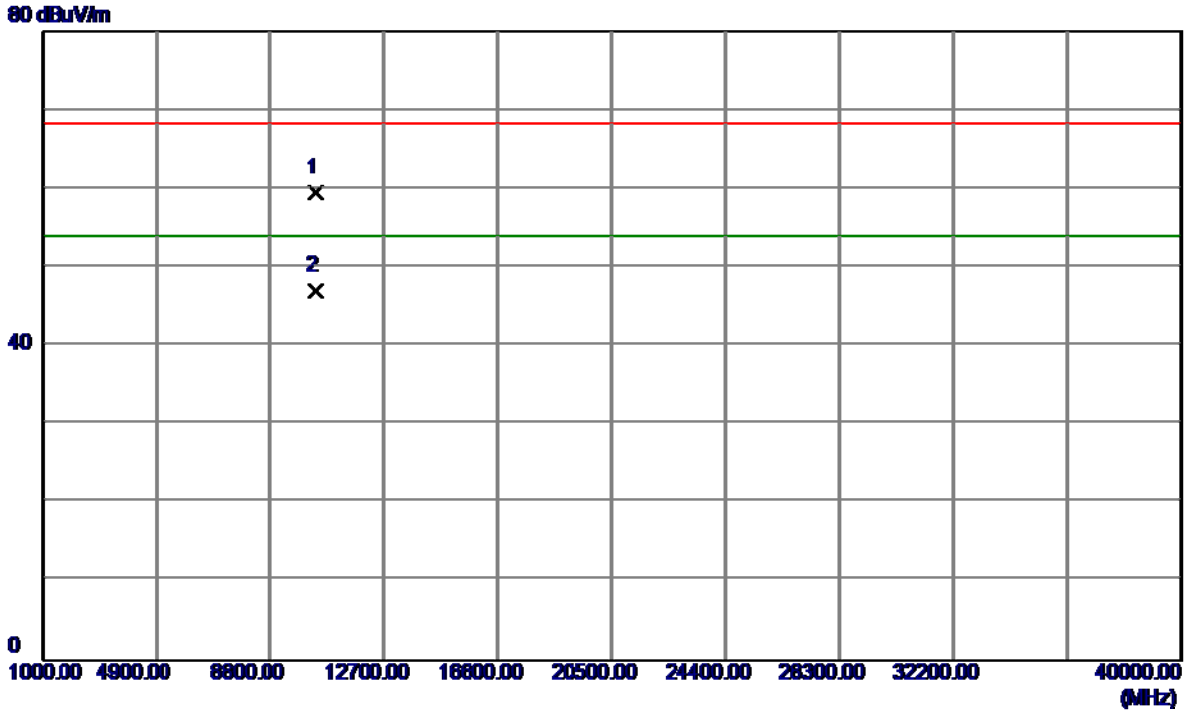
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.30	39.00	64.30	68.30	-4.00	Peak	
2	5150.0000	11.90	39.00	50.90	54.00	-3.10	AVG	
3	5172.3000	67.05	39.07	106.12	68.30	37.82	Peak	No Limit
4	5188.0000	57.90	39.12	97.02	54.00	43.02	AVG	No Limit

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

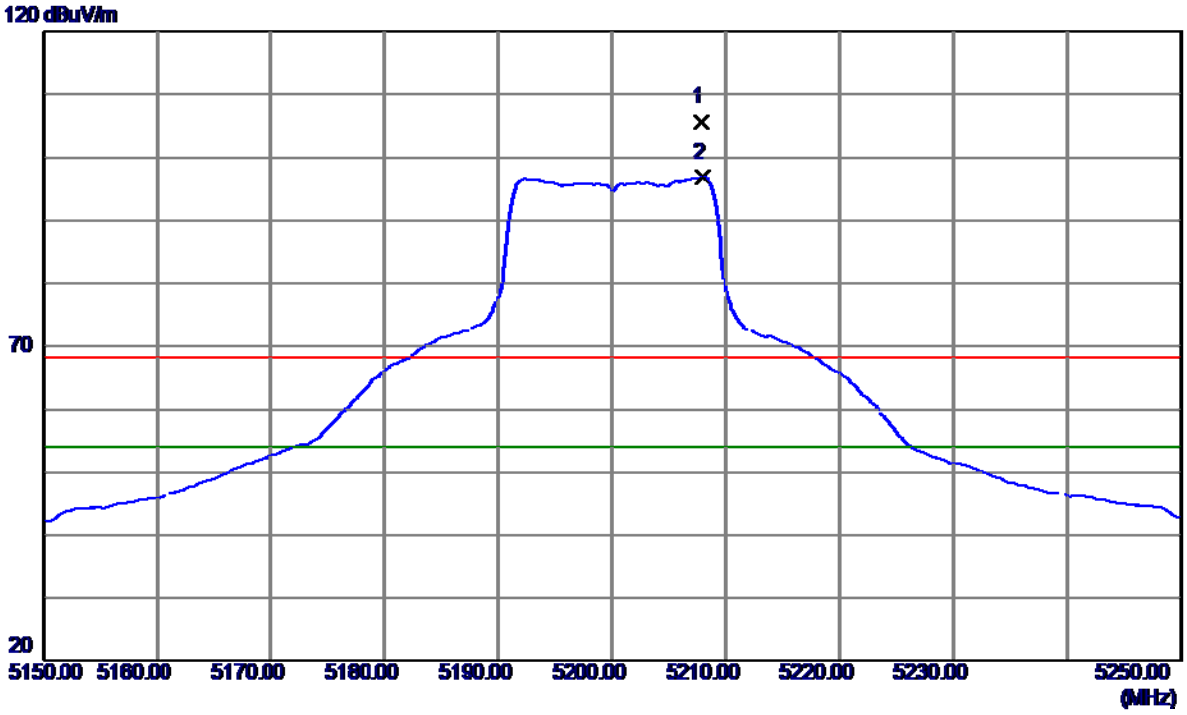
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.6200	42.54	16.93	59.47	68.30	-8.83	Peak	
2	10360.1600	30.13	16.93	47.06	54.00	-6.94	AVG	

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

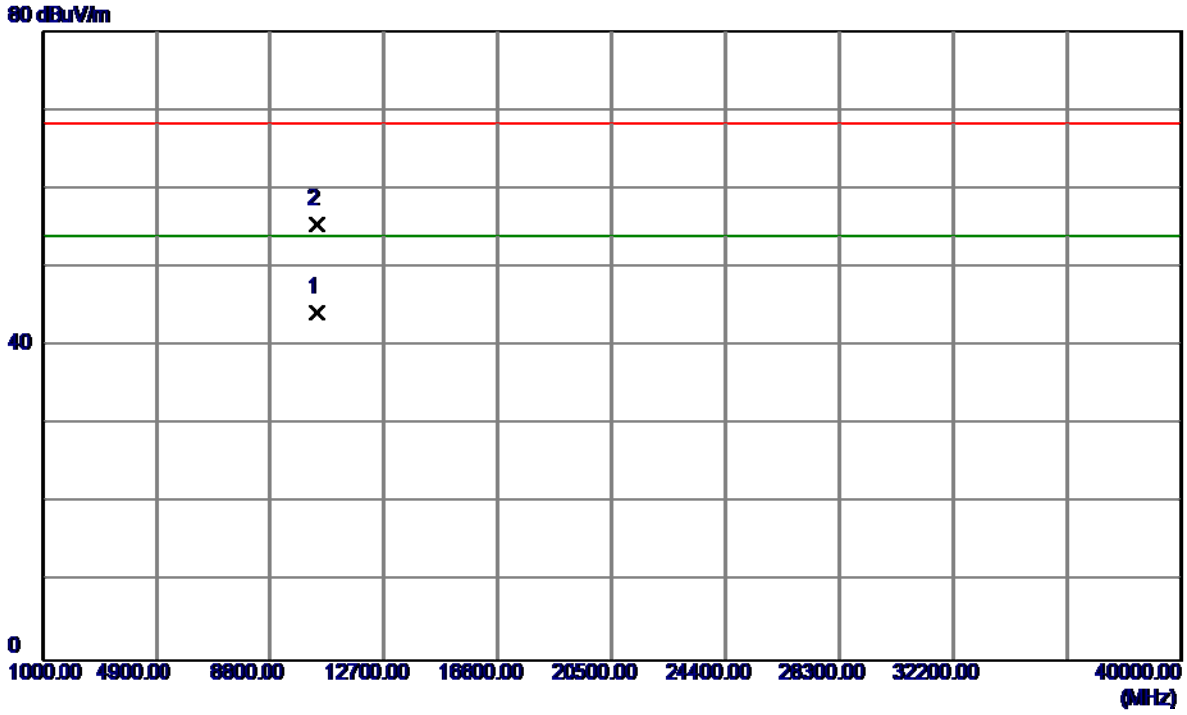
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5207.9000	66.38	39.19	105.57	68.30	37.27	Peak	No Limit
2	5208.0000	57.63	39.19	96.82	54.00	42.82	AVG	No Limit

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

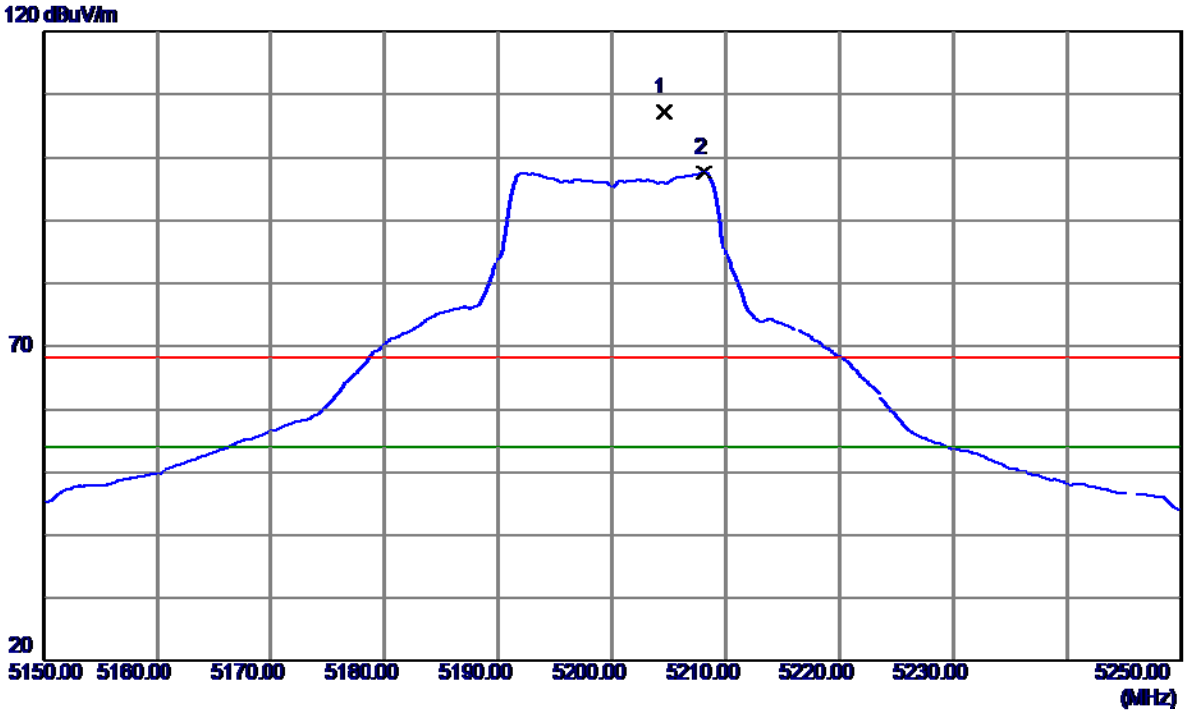
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.1400	27.41	16.88	44.29	54.00	-9.71	AVG	
2	10403.4400	38.64	16.87	55.51	68.30	-12.79	Peak	

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

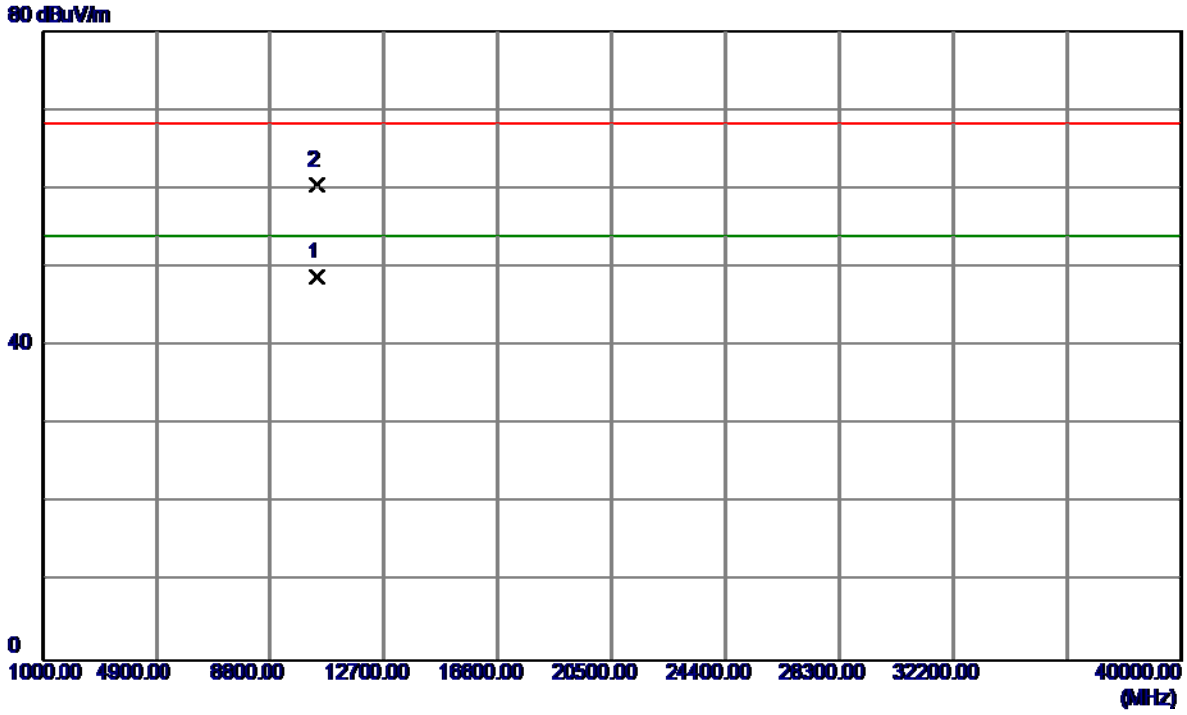
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5204.5000	67.99	39.18	107.17	68.30	38.87	Peak	No Limit
2	5208.1000	58.37	39.19	97.56	54.00	43.56	AVG	No Limit

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

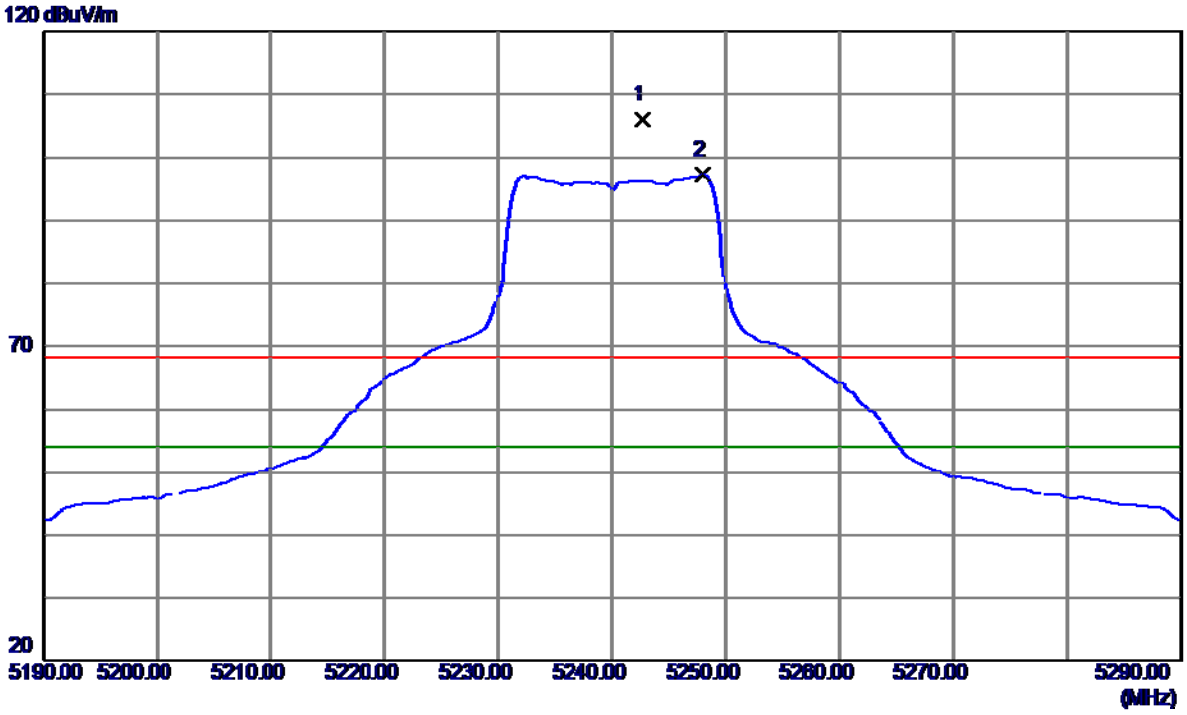
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.1400	31.86	16.88	48.74	54.00	-5.26	AVG	
2	10400.5599	43.62	16.88	60.50	68.30	-7.80	Peak	

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

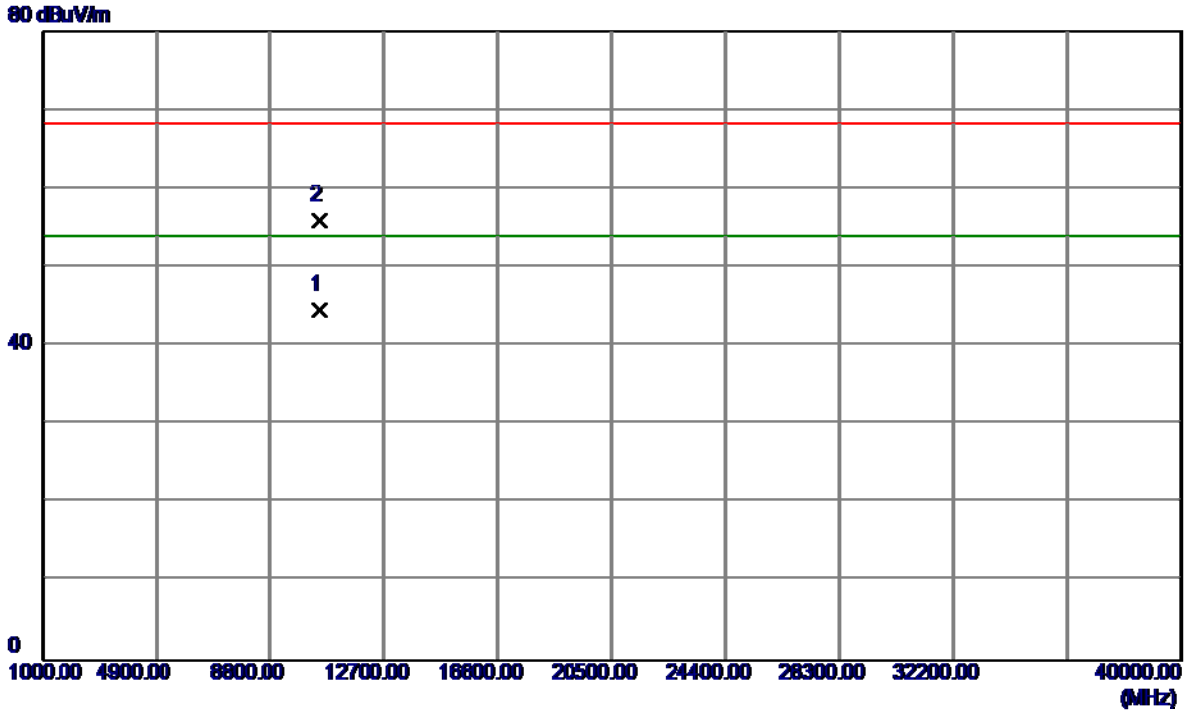
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.7000	66.66	39.31	105.97	68.30	37.67	Peak	No Limit
2	5248.0000	57.81	39.32	97.13	54.00	43.13	AVG	No Limit

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

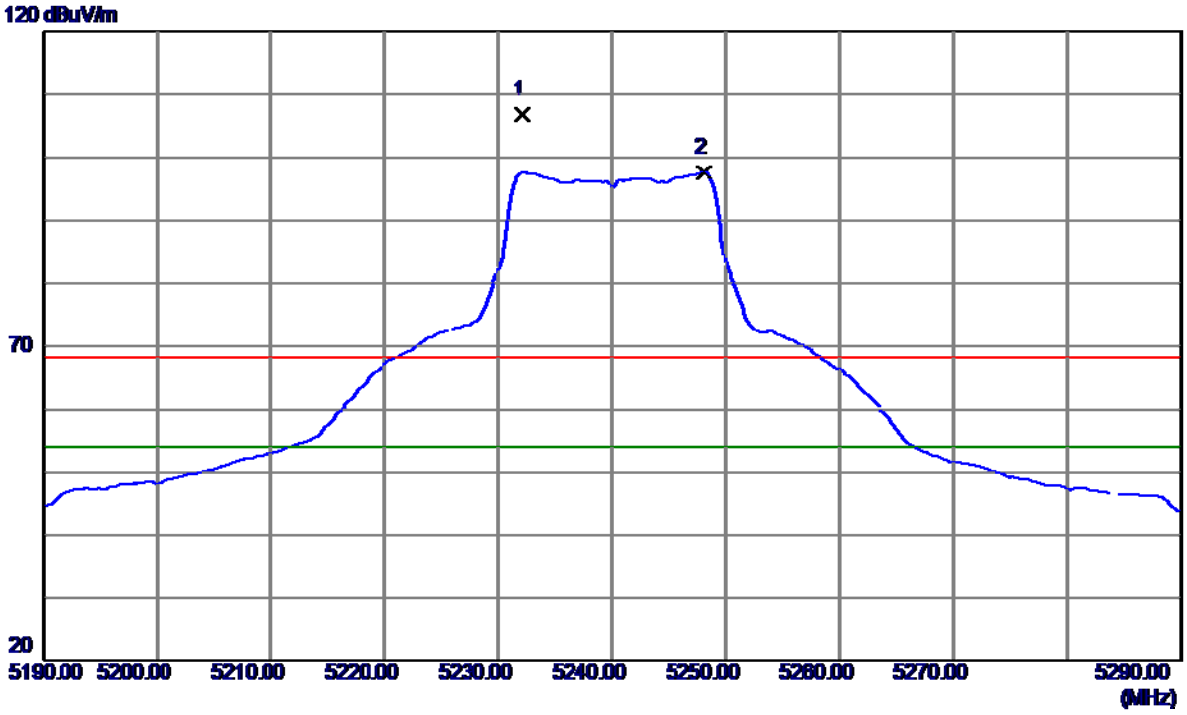
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.0800	27.80	16.77	44.57	54.00	-9.43	AVG	
2	10481.7400	39.24	16.76	56.00	68.30	-12.30	Peak	

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

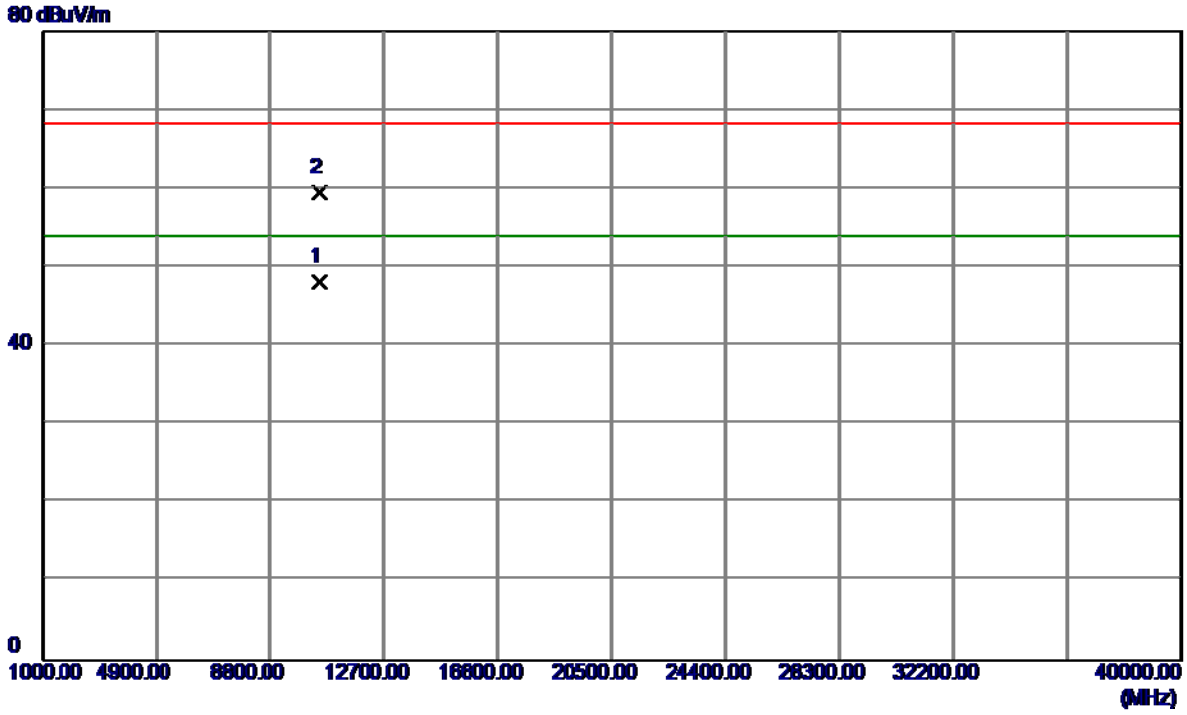
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.1000	67.46	39.27	106.73	68.30	38.43	Peak	No Limit
2	5248.1000	58.34	39.32	97.66	54.00	43.66	AVG	No Limit

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

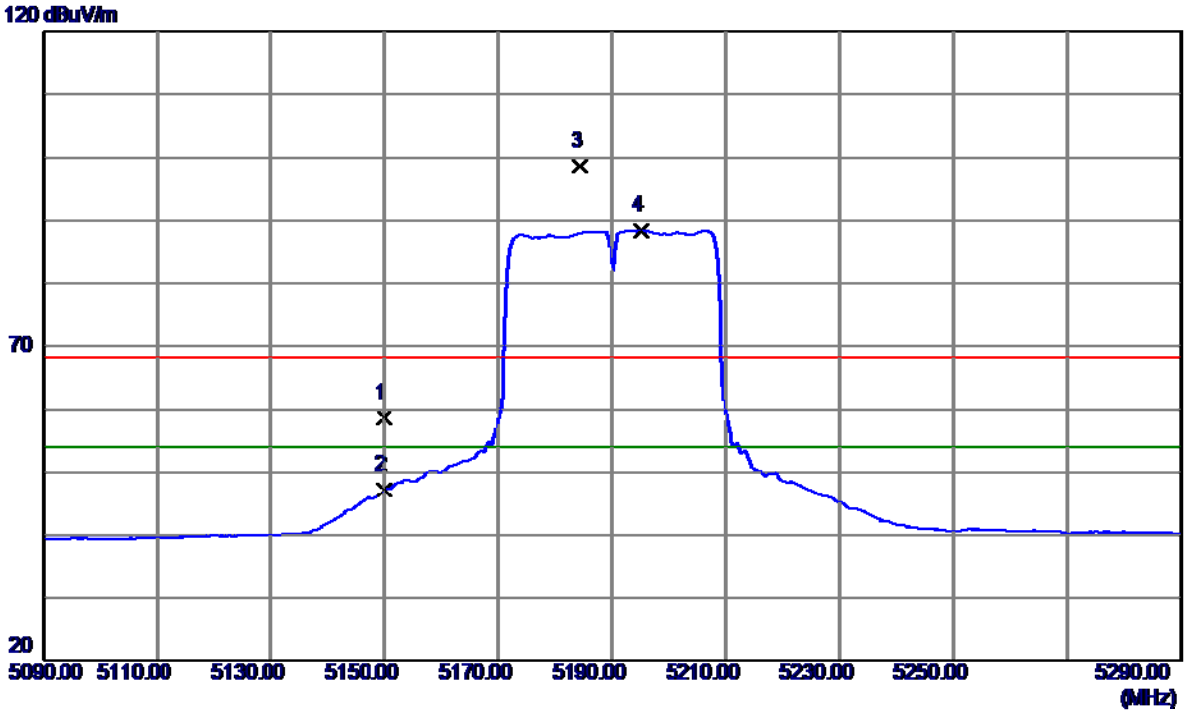
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.2000	31.33	16.77	48.10	54.00	-5.90	AVG	
2	10481.4200	42.77	16.77	59.54	68.30	-8.76	Peak	

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

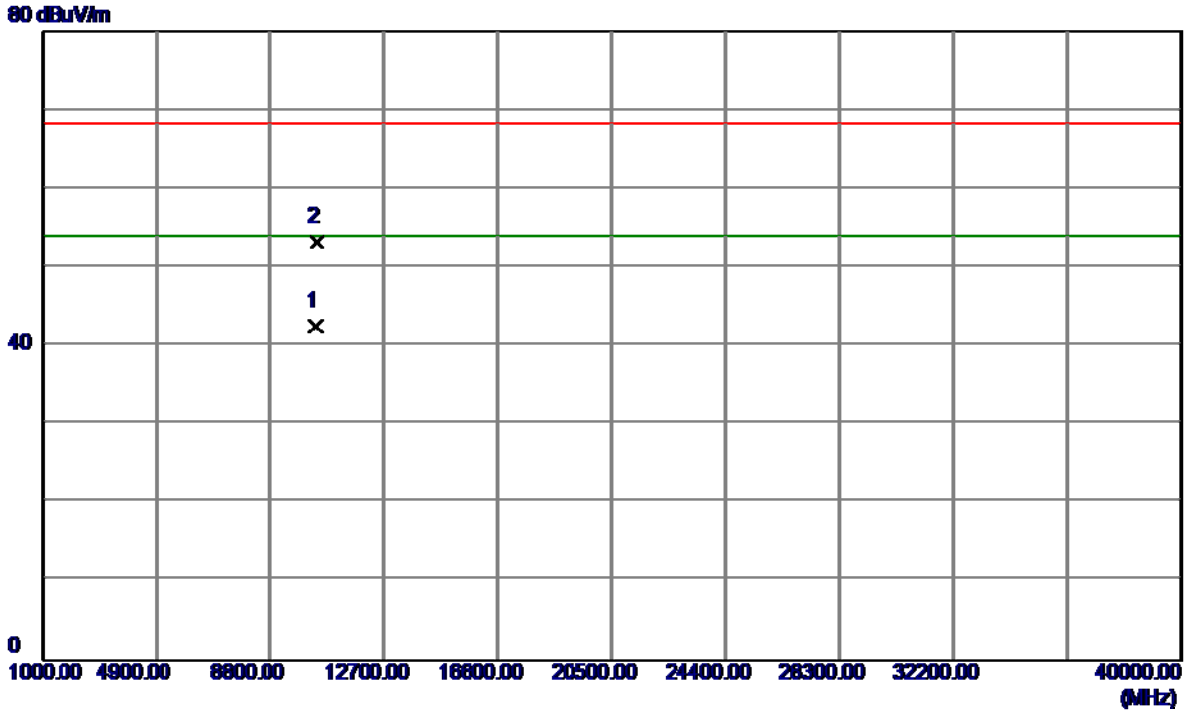
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.63	39.00	58.63	68.30	-9.67	Peak	
2	5150.0000	8.18	39.00	47.18	54.00	-6.82	AVG	
3	5184.4000	59.44	39.11	98.55	68.30	30.25	Peak	No Limit
4	5195.2000	49.32	39.15	88.47	54.00	34.47	AVG	No Limit

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

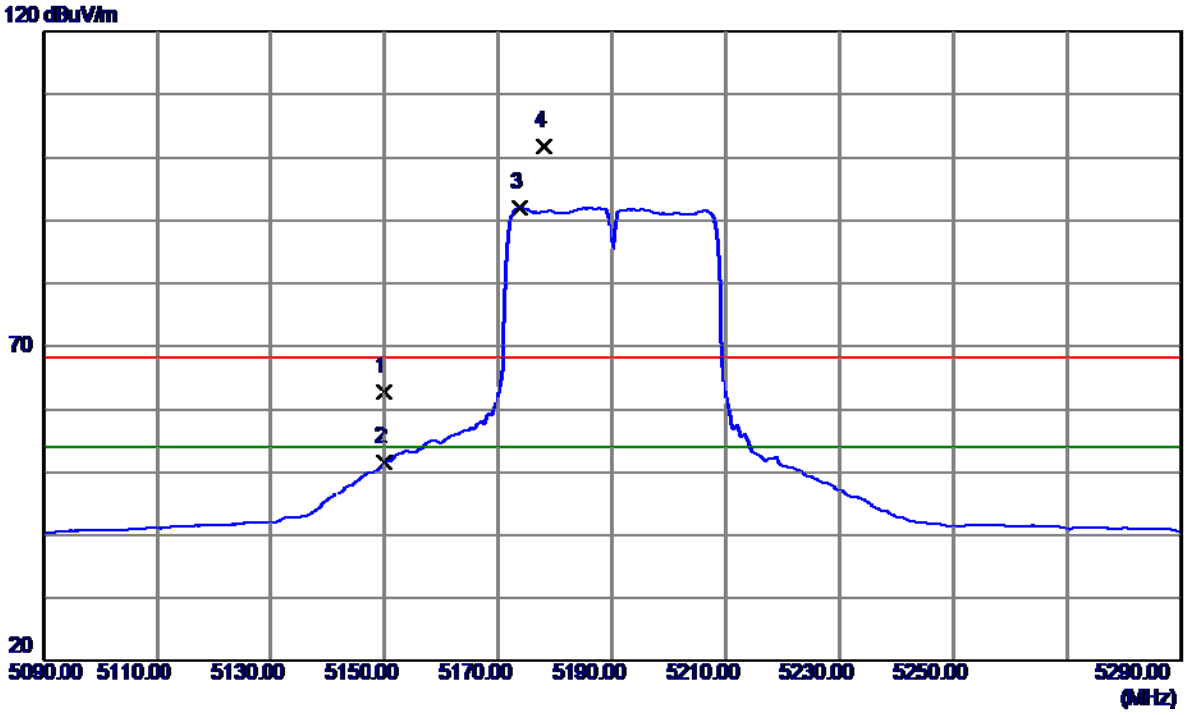
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.1000	25.60	16.90	42.50	54.00	-11.50	AVG	
2	10382.7800	36.45	16.90	53.35	68.30	-14.95	Peak	

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

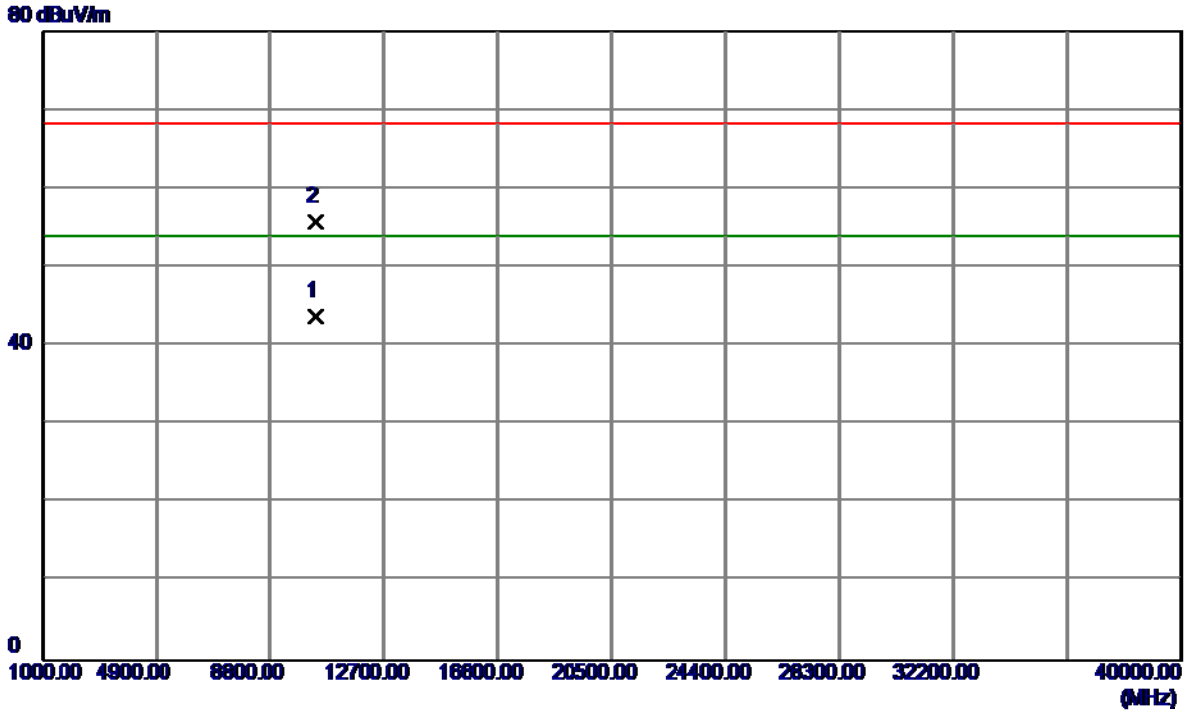
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.83	39.00	62.83	68.30	-5.47	Peak	
2	5150.0000	12.51	39.00	51.51	54.00	-2.49	AVG	
3	5173.8000	53.00	39.08	92.08	54.00	38.08	AVG	No Limit
4	5178.0000	62.80	39.09	101.89	68.30	33.59	Peak	No Limit

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

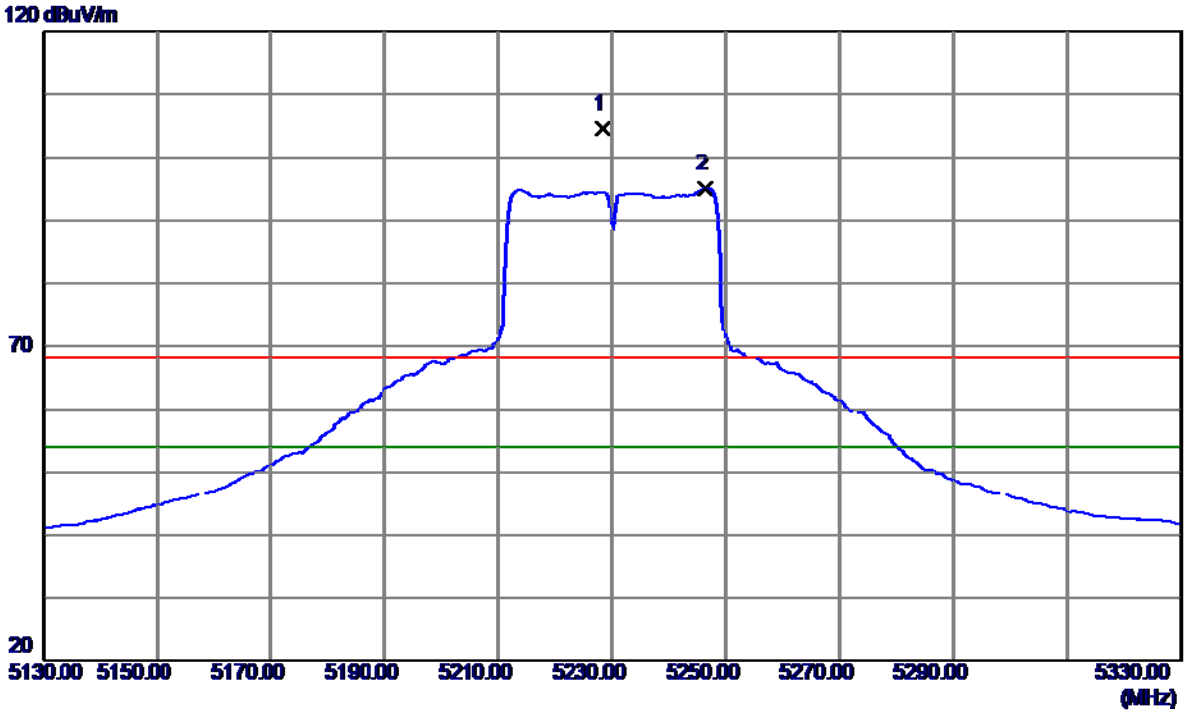
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10379.9600	27.01	16.90	43.91	54.00	-10.09	AVG	
2	10380.7400	38.92	16.90	55.82	68.30	-12.48	Peak	

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

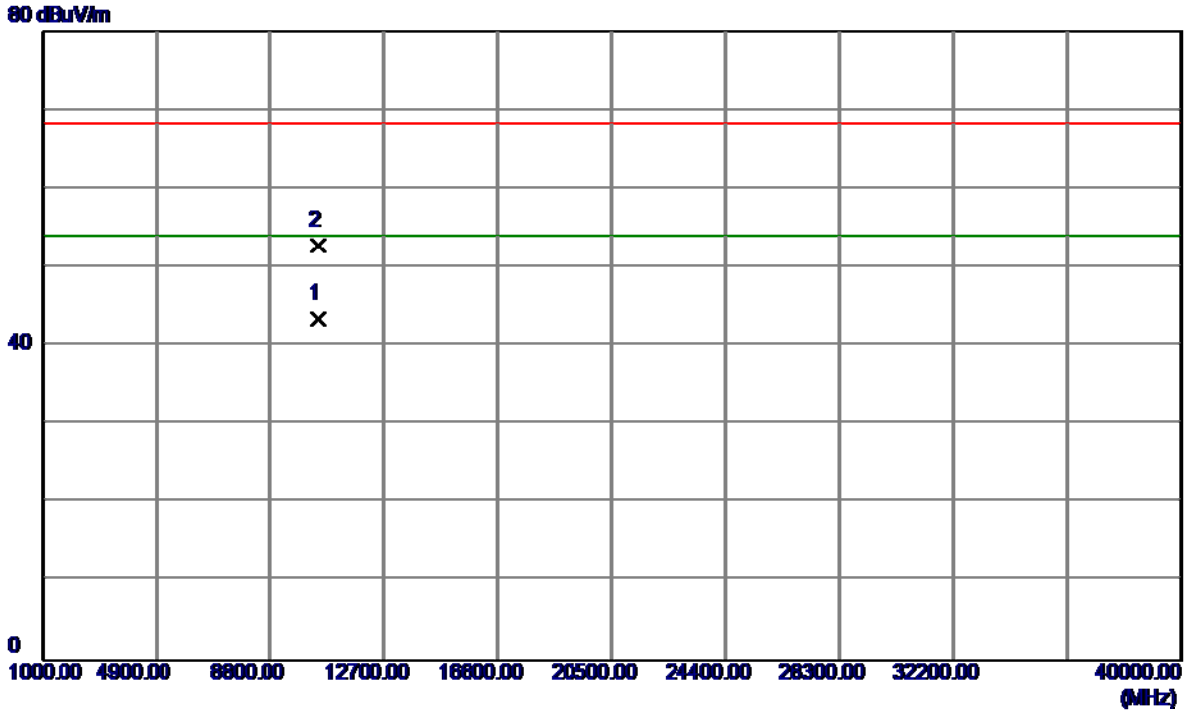
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5228.4000	65.24	39.26	104.50	68.30	36.20	Peak	No Limit
2	5246.4000	55.74	39.32	95.06	54.00	41.06	AVG	No Limit

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

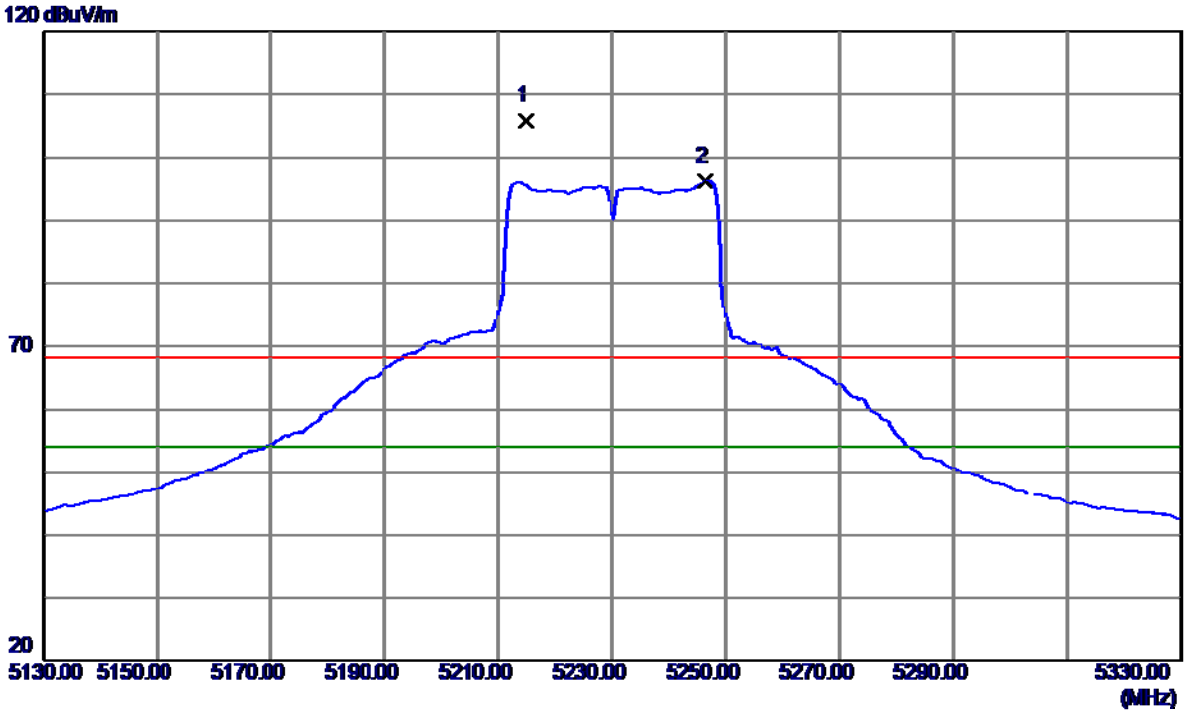
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.0400	26.66	16.79	43.45	54.00	-10.55	AVG	
2	10460.5599	35.94	16.79	52.73	68.30	-15.57	Peak	

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

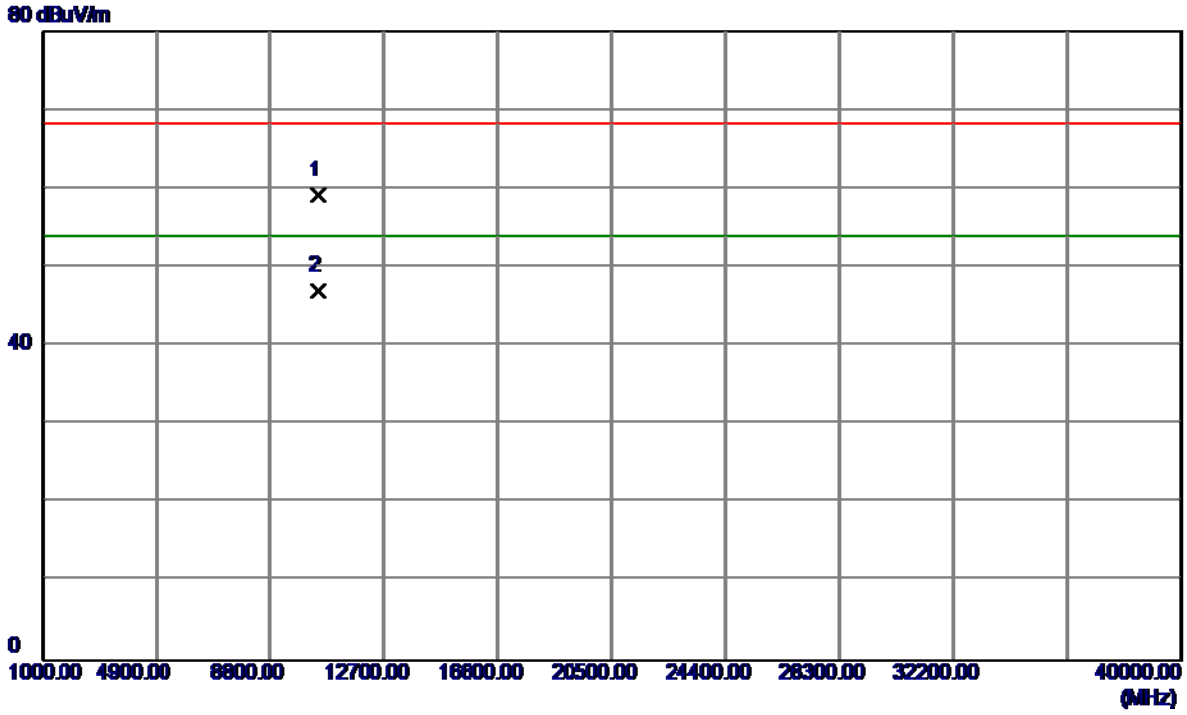
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5214.8000	66.56	39.21	105.77	68.30	37.47	Peak	No Limit
2	5246.4000	56.82	39.32	96.14	54.00	42.14	AVG	No Limit

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

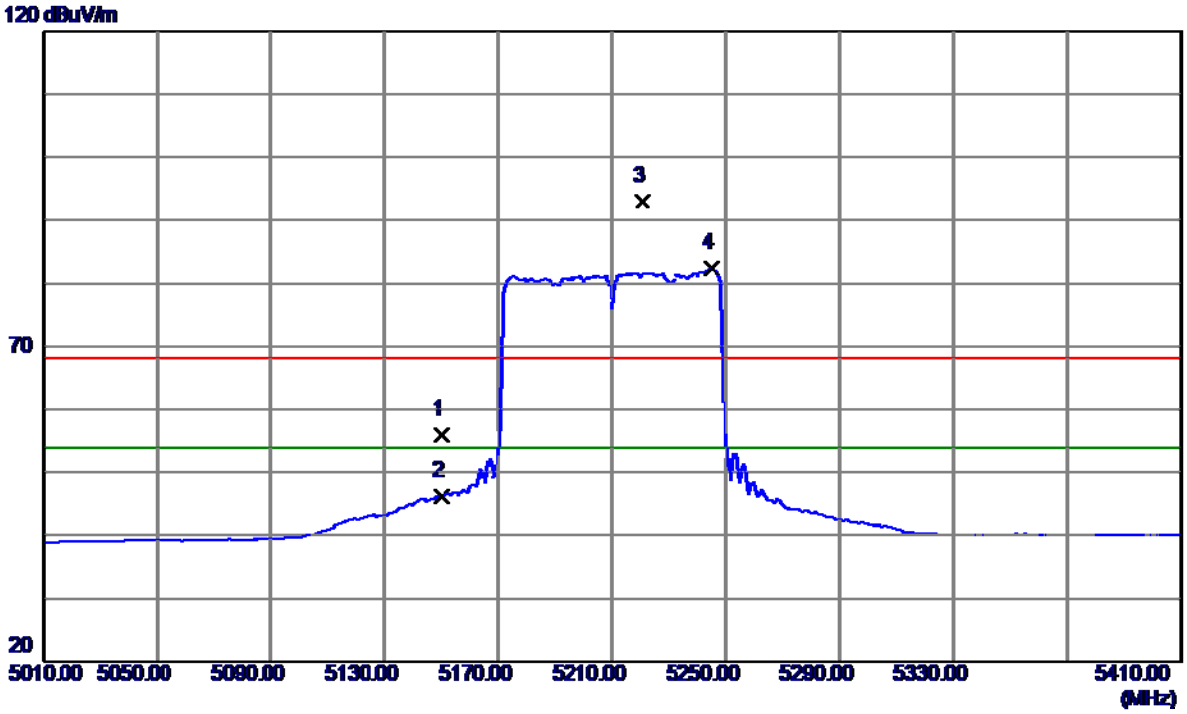
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10459.7400	42.44	16.79	59.23	68.30	-9.07	Peak	
2	10460.9400	30.26	16.79	47.05	54.00	-6.95	AVG	

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

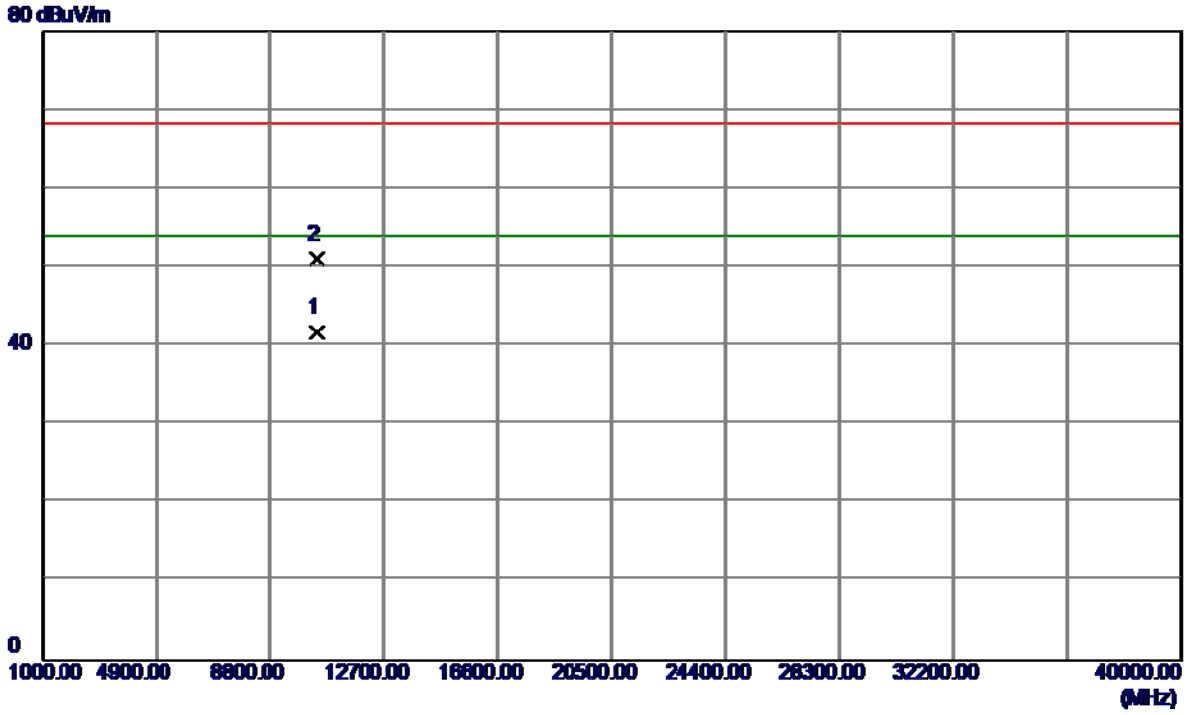
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.04	39.00	56.04	68.30	-12.26	Peak	
2	5150.0000	7.26	39.00	46.26	54.00	-7.74	AVG	
3	5220.8000	53.68	39.23	92.91	68.30	24.61	Peak	No Limit
4	5245.2000	43.04	39.31	82.35	54.00	28.35	AVG	No Limit

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

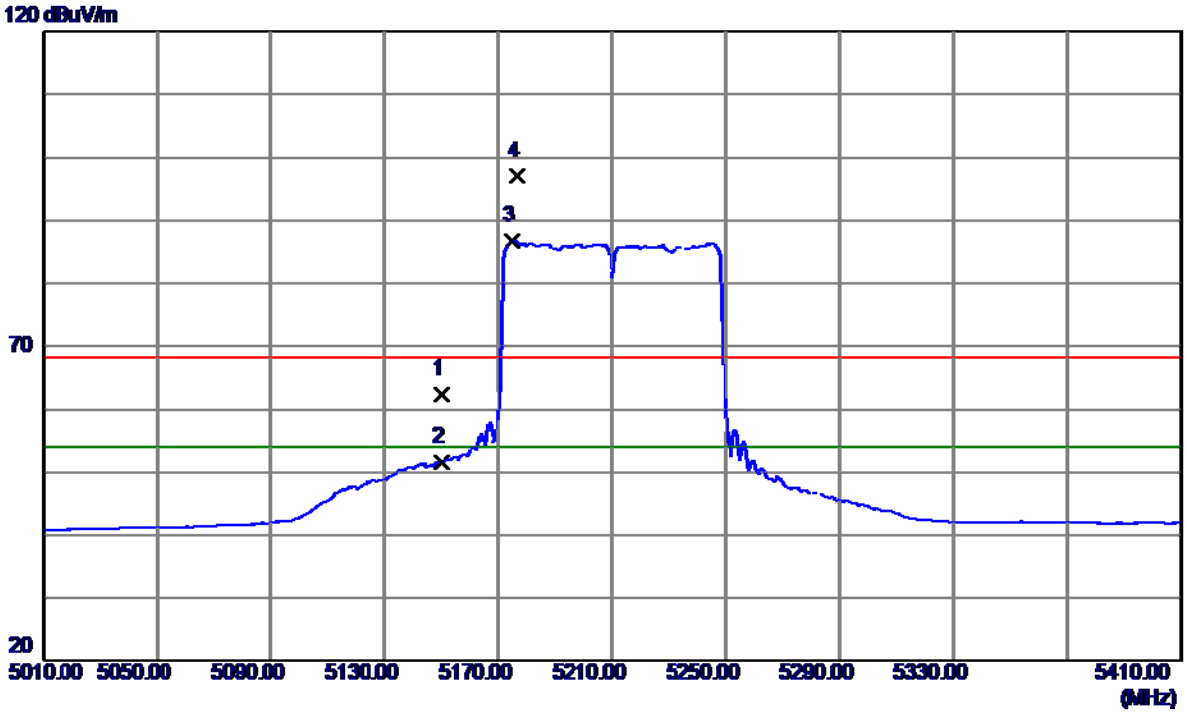
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10420.1600	24.87	16.85	41.72	54.00	-12.28	AVG	
2	10421.7200	34.16	16.85	51.01	68.30	-17.29	Peak	

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

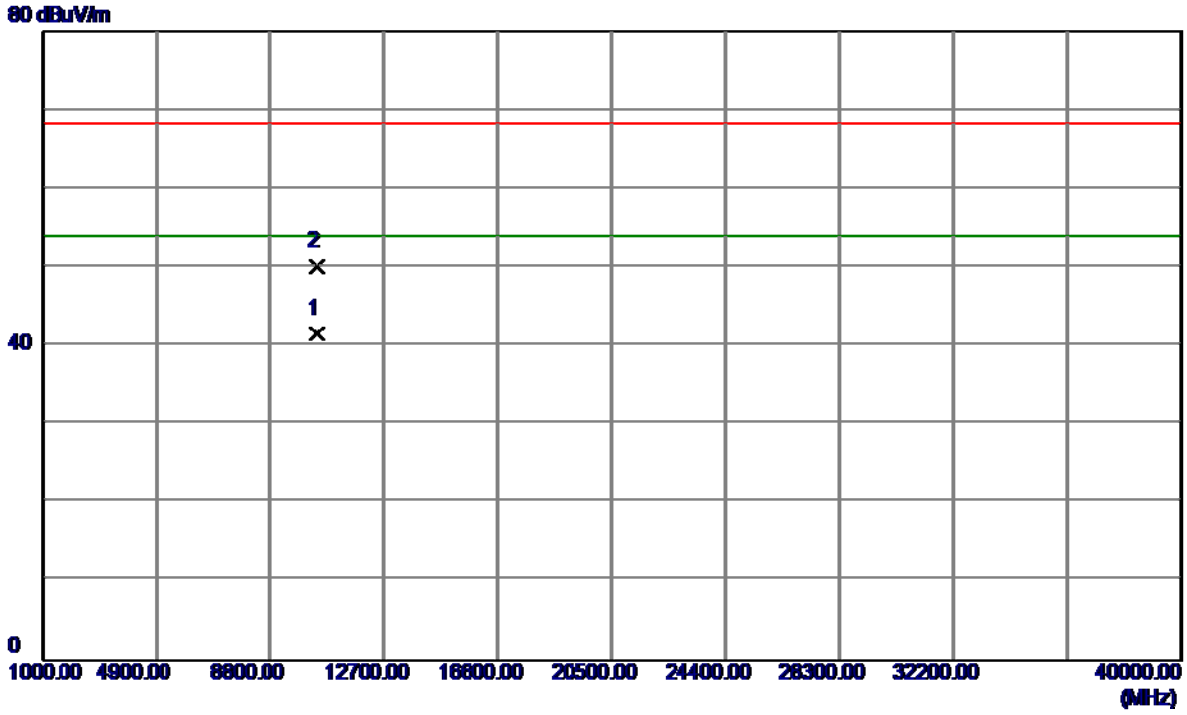
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.49	39.00	62.49	68.30	-5.81	Peak	
2	5150.0000	12.57	39.00	51.57	54.00	-2.43	AVG	
3	5174.8000	47.74	39.08	86.82	54.00	32.82	AVG	No Limit
4	5176.8000	57.99	39.09	97.08	68.30	28.78	Peak	No Limit

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

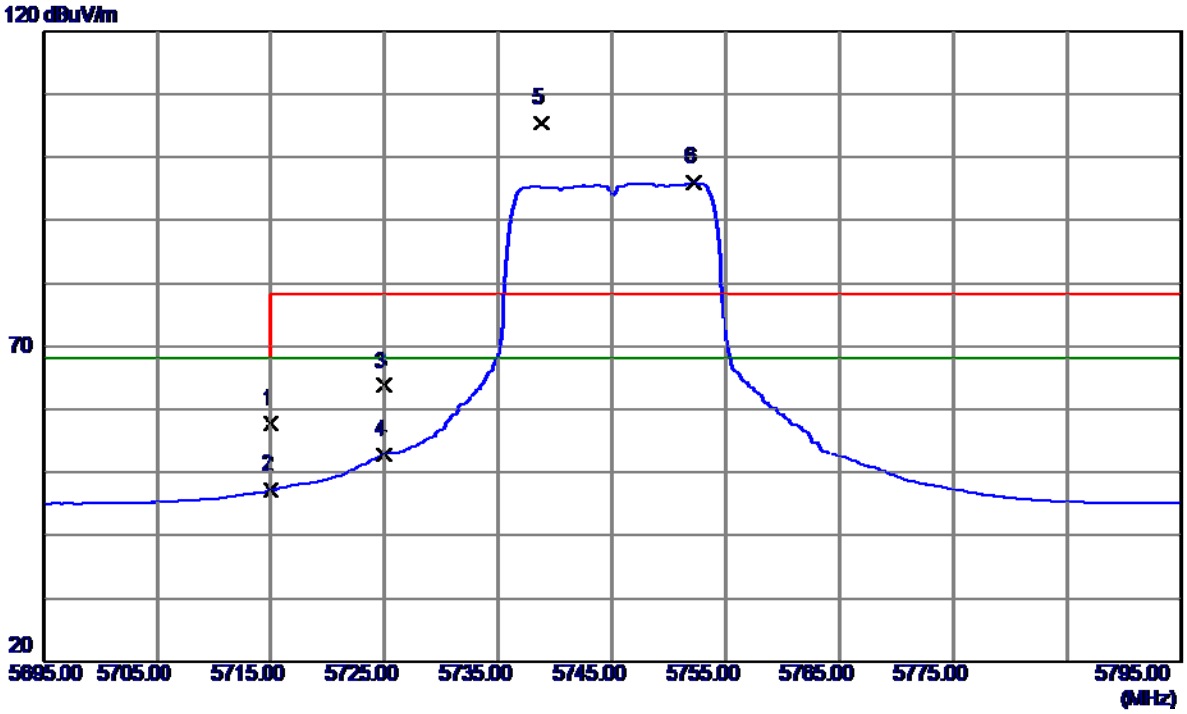
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10420.2200	24.78	16.85	41.63	54.00	-12.37	AVG	
2	10420.4200	33.31	16.85	50.16	68.30	-18.14	Peak	

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

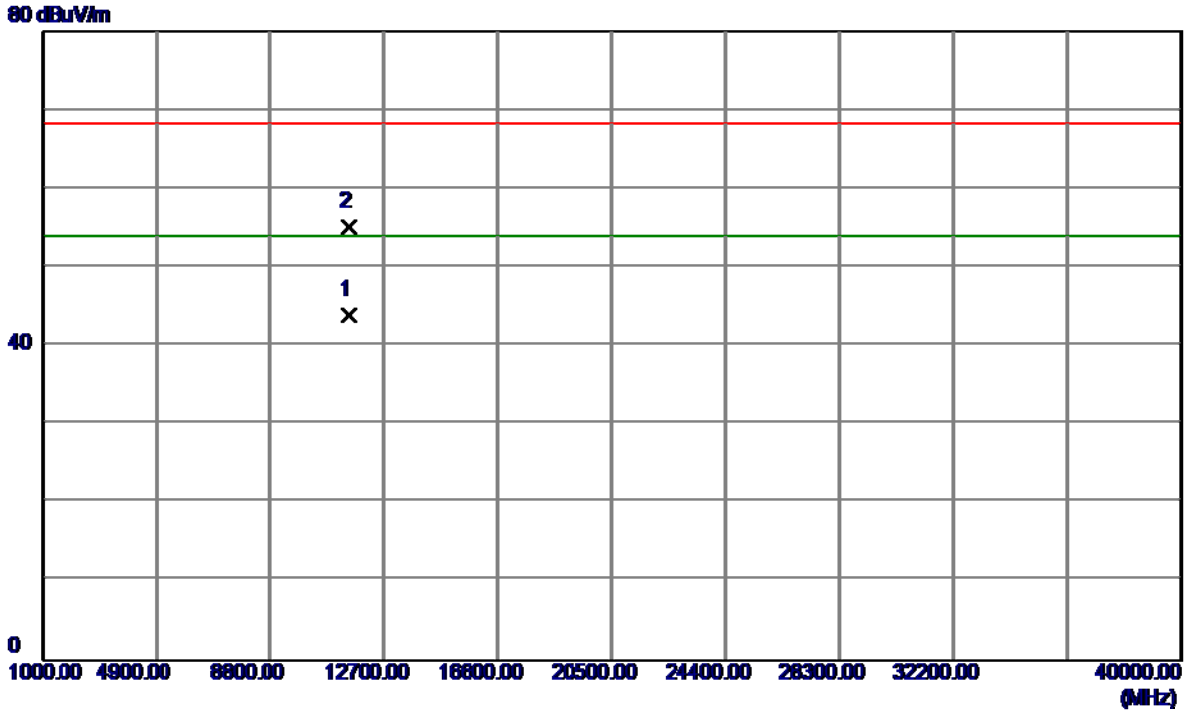
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.65	41.05	57.70	68.30	-10.60	Peak	
2	5715.0000	6.15	41.05	47.20	68.30	-21.10	AVG	
3	5725.0000	22.60	41.10	63.70	78.30	-14.60	Peak	
4	5725.0000	11.68	41.10	52.78	68.30	-15.52	AVG	
5	5738.8000	64.24	41.15	105.39	78.30	27.09	Peak	No Limit
6	5752.2000	54.73	41.21	95.94	68.30	27.64	AVG	No Limit

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

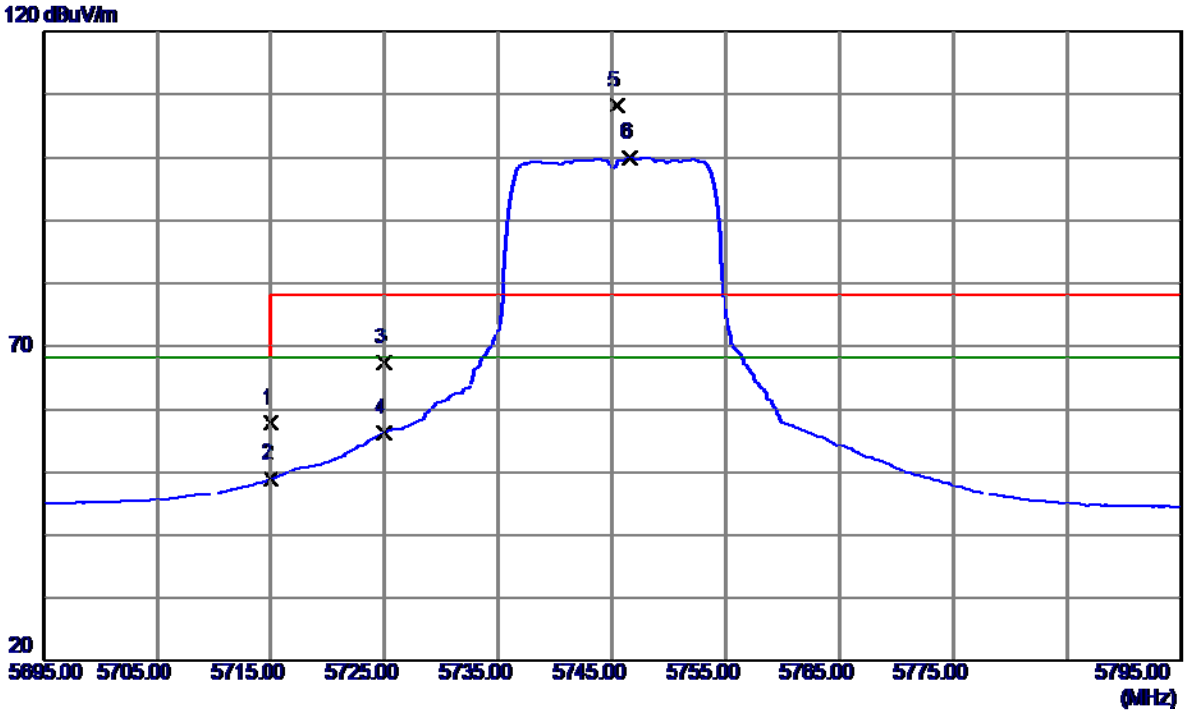
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.4500	25.08	18.96	44.04	54.00	-9.96	AVG	
2	11492.0800	36.19	18.97	55.16	68.30	-13.14	Peak	

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

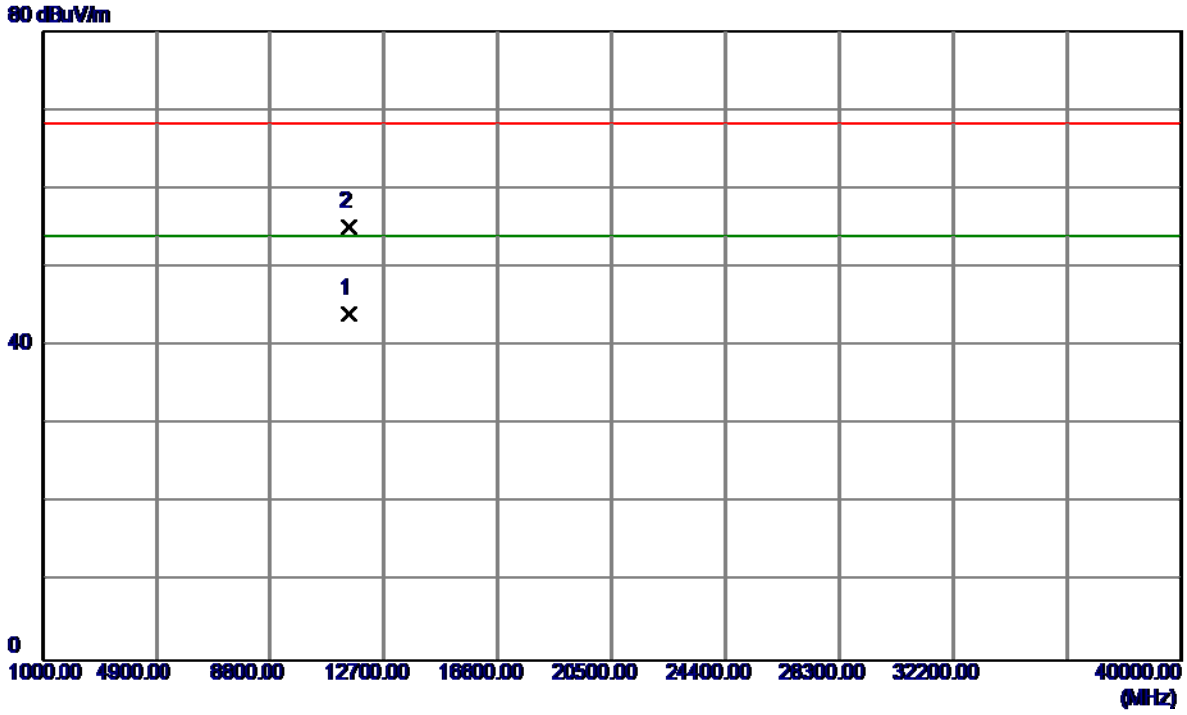
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.71	41.05	57.76	68.30	-10.54	Peak	
2	5715.0000	7.89	41.05	48.94	68.30	-19.36	AVG	
3	5725.0000	26.30	41.10	67.40	78.30	-10.90	Peak	
4	5725.0000	15.14	41.10	56.24	68.30	-12.06	AVG	
5	5745.4000	67.00	41.18	108.18	78.30	29.88	Peak	No Limit
6	5746.6000	58.80	41.19	99.99	68.30	31.69	AVG	No Limit

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

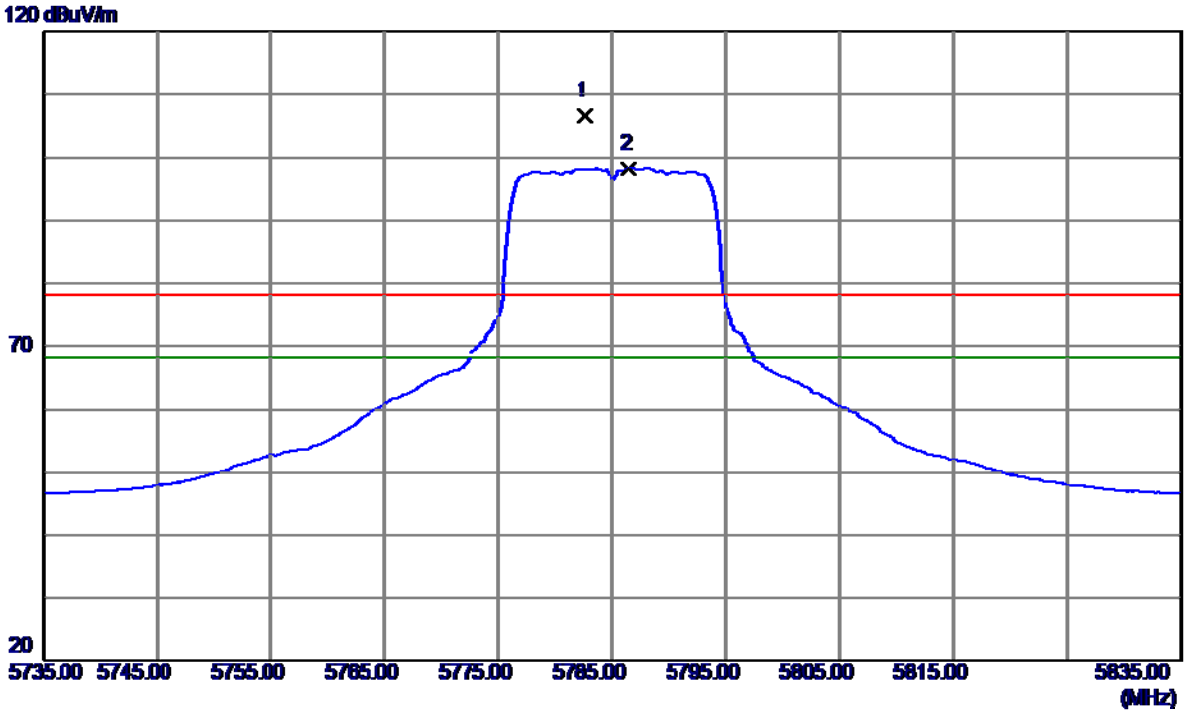
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.5100	25.19	18.96	44.15	54.00	-9.85	AVG	
2	11490.2400	36.27	18.96	55.23	68.30	-13.07	Peak	

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

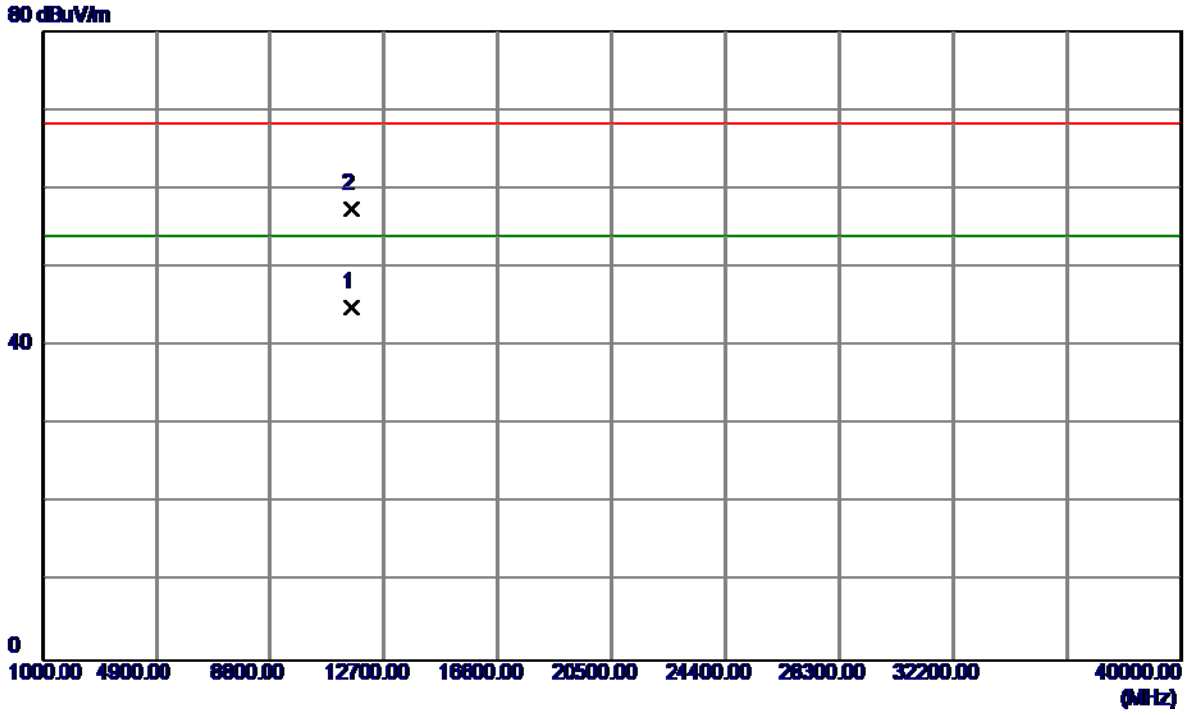
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5782.7000	65.26	41.34	106.60	78.30	28.30	Peak	No Limit
2	5786.5000	56.85	41.35	98.20	68.30	29.90	AVG	No Limit

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

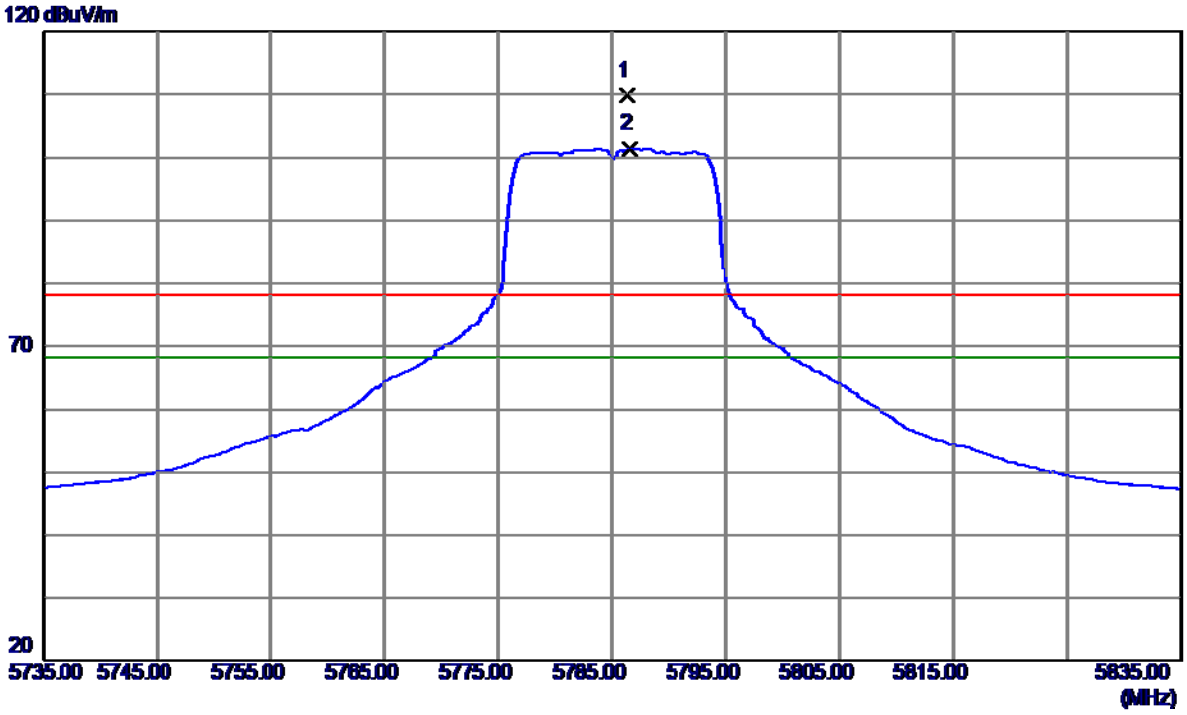
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11571.3900	25.93	19.00	44.93	54.00	-9.07	AVG	
2	11573.6400	38.43	19.00	57.43	68.30	-10.87	Peak	

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

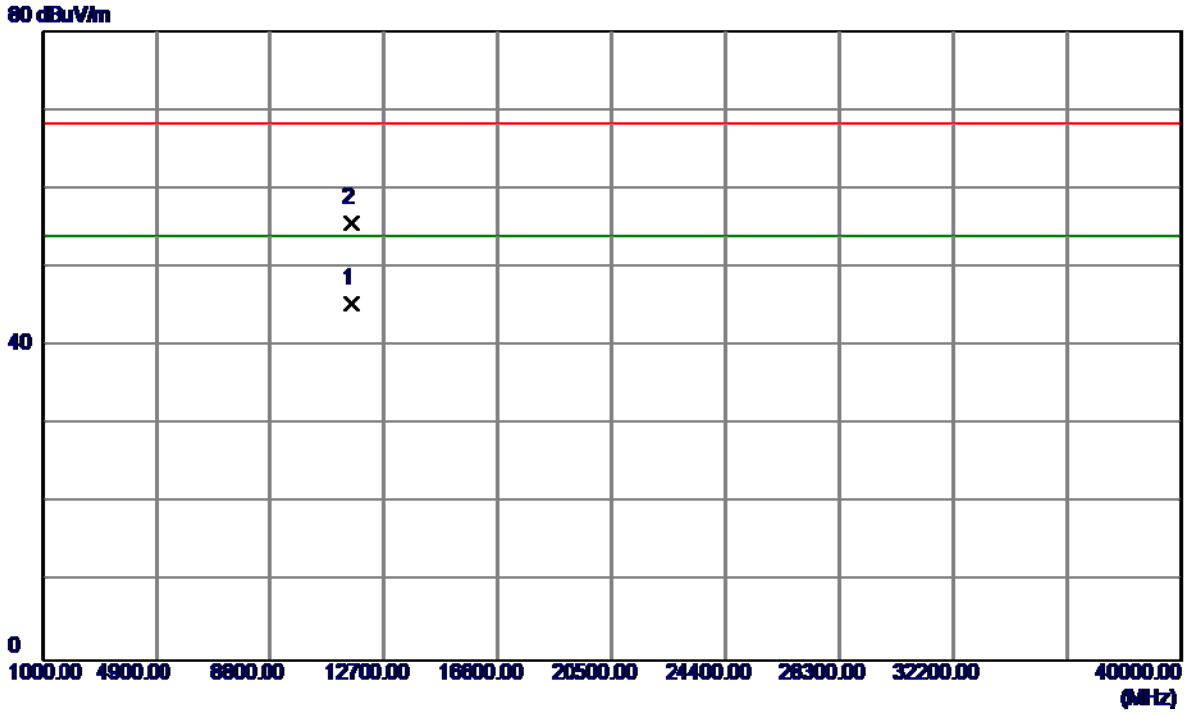
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.3000	68.51	41.35	109.86	78.30	31.56	Peak	No Limit
2	5786.6000	60.11	41.35	101.46	68.30	33.16	AVG	No Limit

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

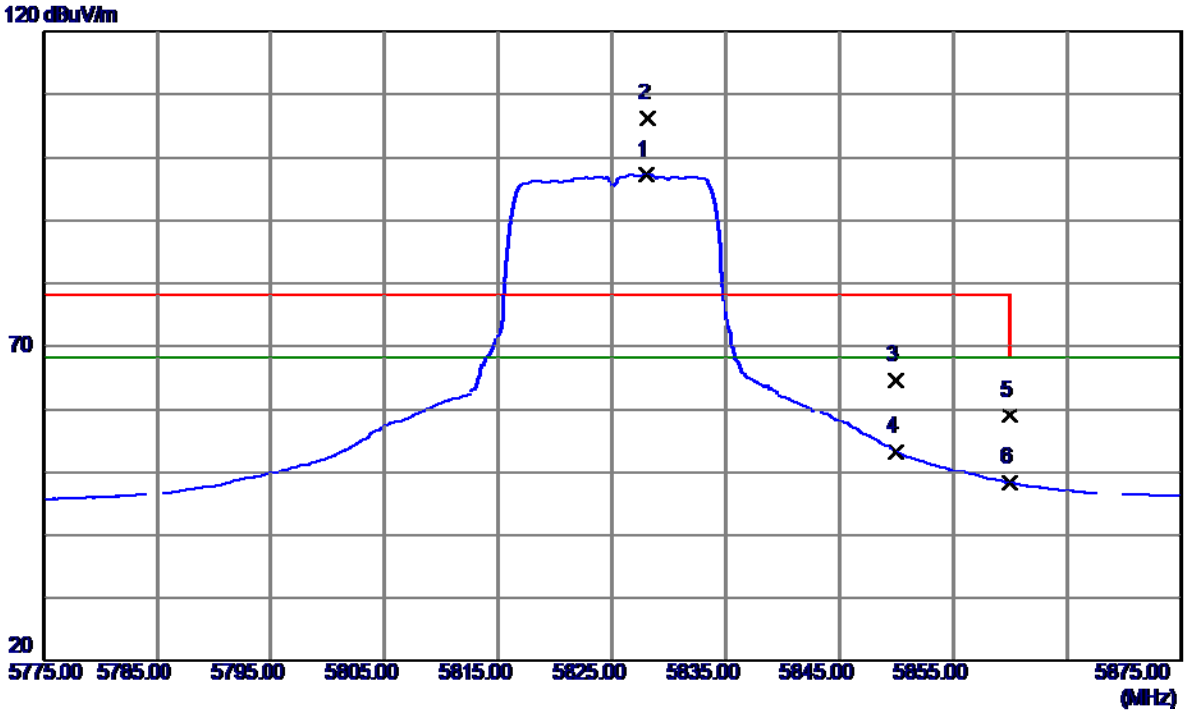
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.2100	26.50	19.00	45.50	54.00	-8.50	AVG	
2	11570.9100	36.72	19.00	55.72	68.30	-12.58	Peak	

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

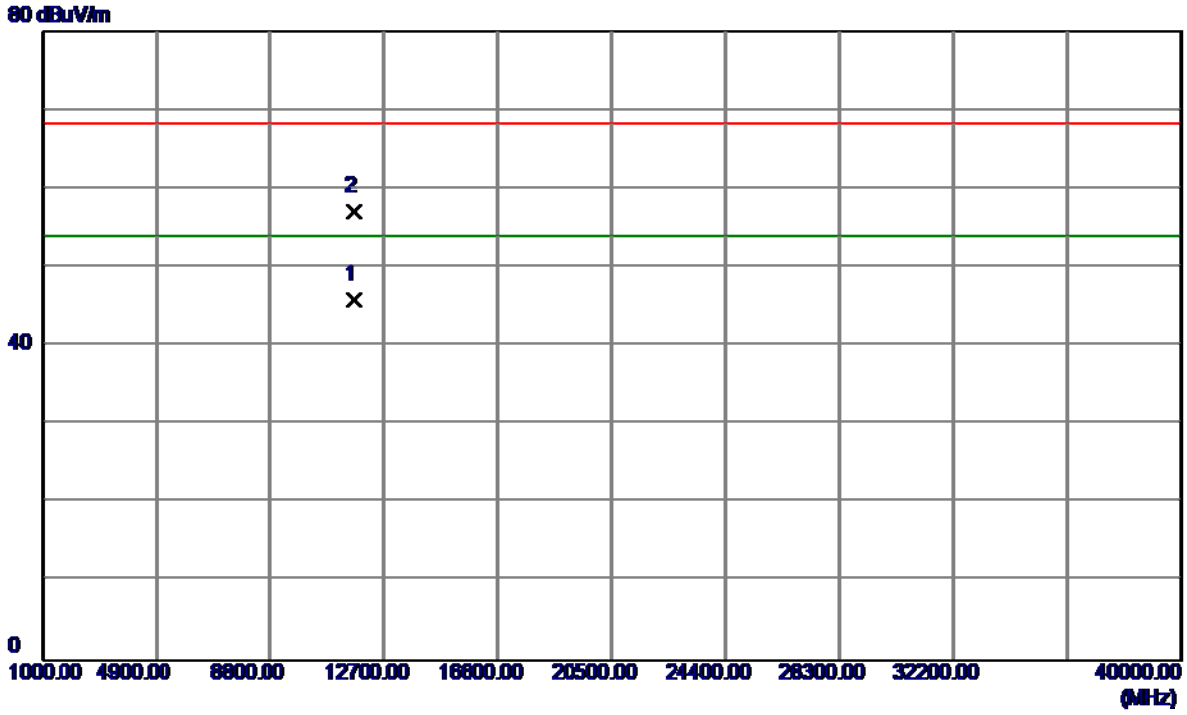
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5828.0000	55.68	41.52	97.20	68.30	28.90	AVG	No Limit
2	5828.1000	64.72	41.52	106.24	78.30	27.94	Peak	No Limit
3	5850.0000	23.01	41.62	64.63	78.30	-13.67	Peak	
4	5850.0000	11.65	41.62	53.27	68.30	-15.03	AVG	
5	5860.0000	17.32	41.66	58.98	78.30	-19.32	Peak	
6	5860.0000	6.72	41.66	48.38	68.30	-19.92	AVG	

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

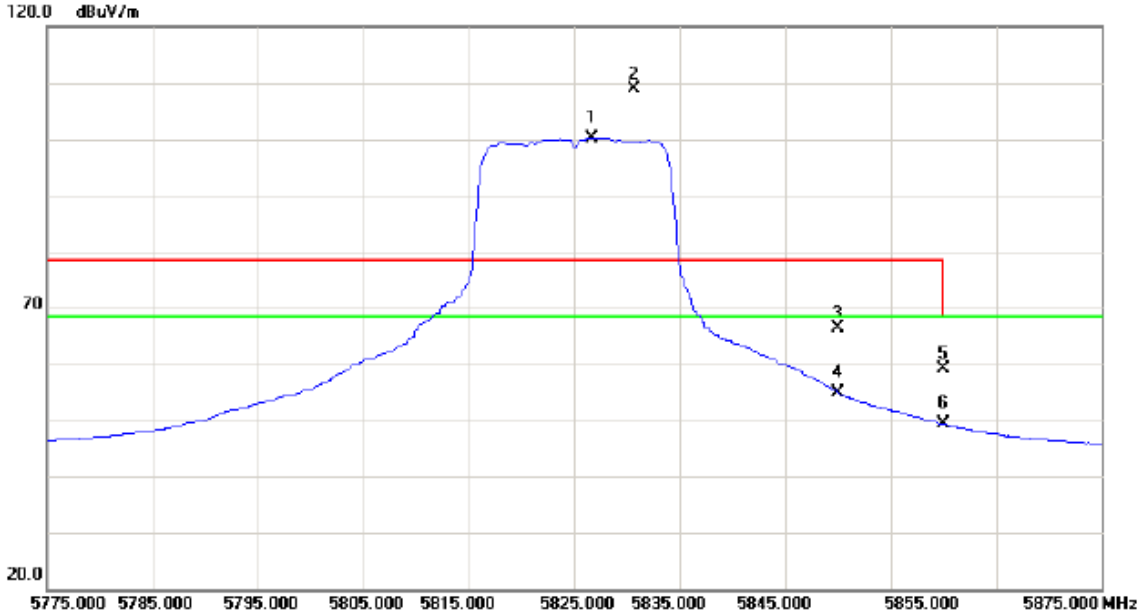
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.6400	26.98	19.01	45.99	54.00	-8.01	AVG	
2	11653.0500	38.17	19.01	57.18	68.30	-11.12	Peak	

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

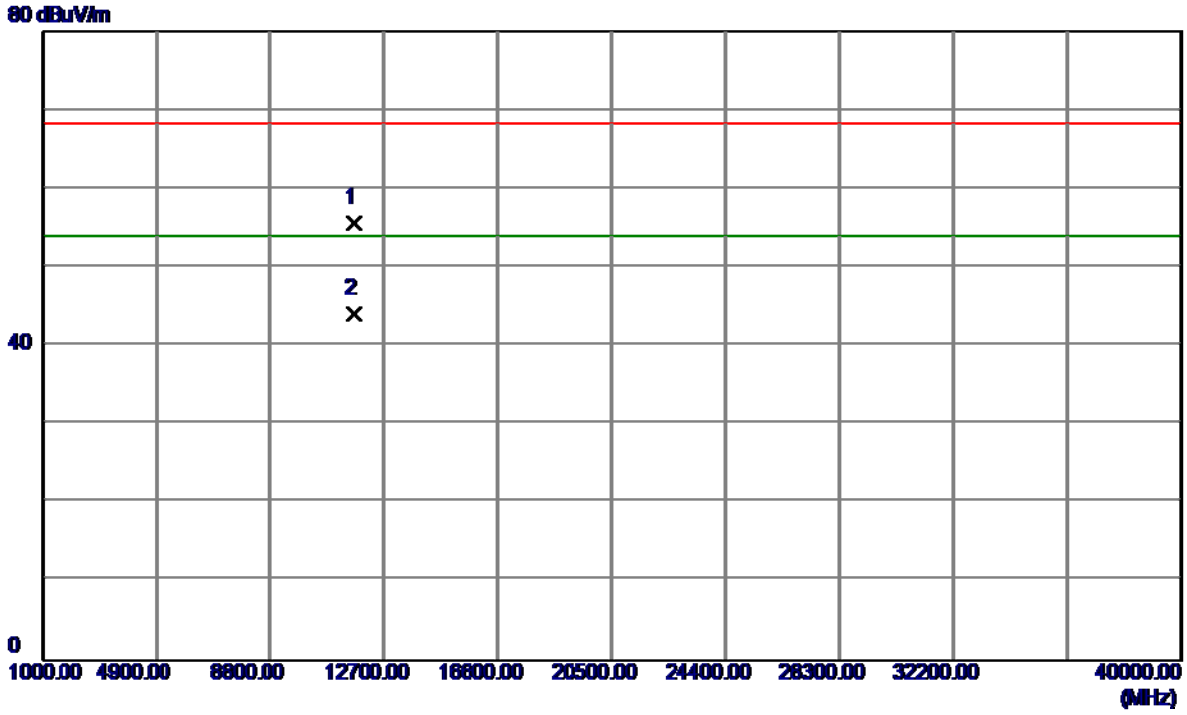
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5826.600	58.68	41.52	100.20	68.30	31.90	AVG	No Limit
2	X	5830.600	67.37	41.53	108.90	78.30	30.60	peak	No Limit
3		5850.000	24.65	41.62	66.27	78.30	-12.03	peak	
4		5850.000	13.36	41.62	54.98	68.30	-13.32	AVG	
5		5860.000	17.58	41.65	59.23	68.30	-9.07	peak	
6		5860.000	7.64	41.65	49.29	68.30	-19.01	AVG	

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

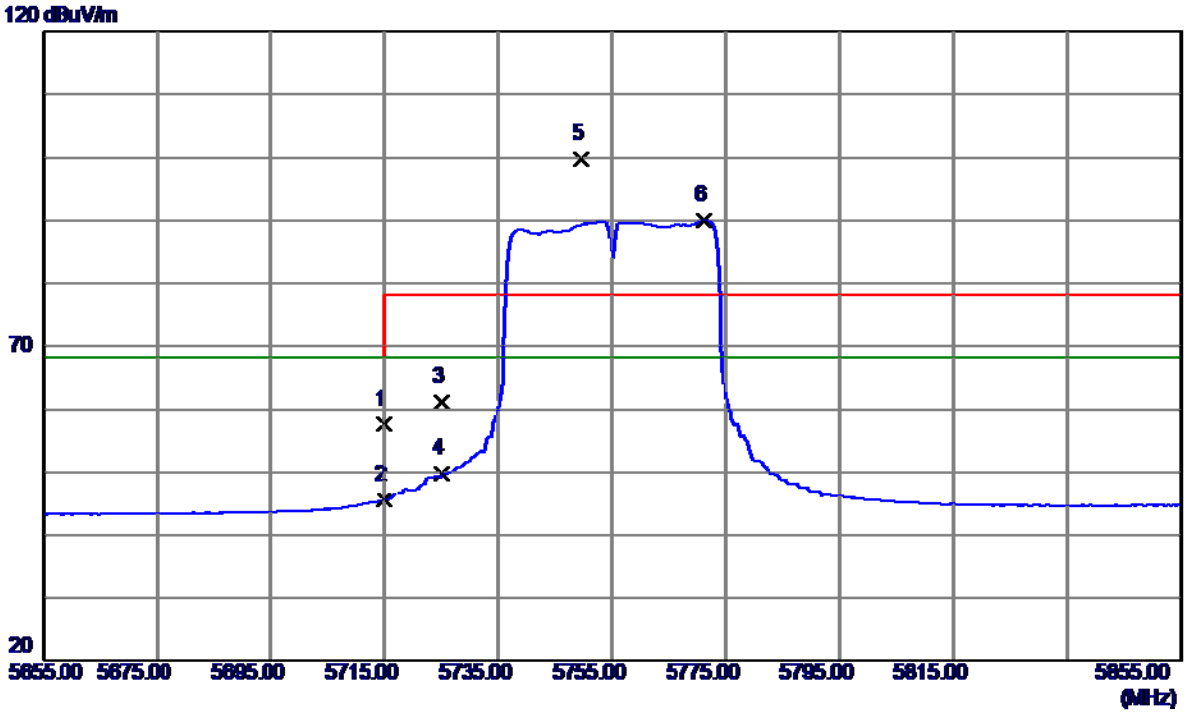
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.1900	36.60	19.01	55.61	68.30	-12.69	Peak	
2	11652.2400	25.14	19.01	44.15	54.00	-9.85	AVG	

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

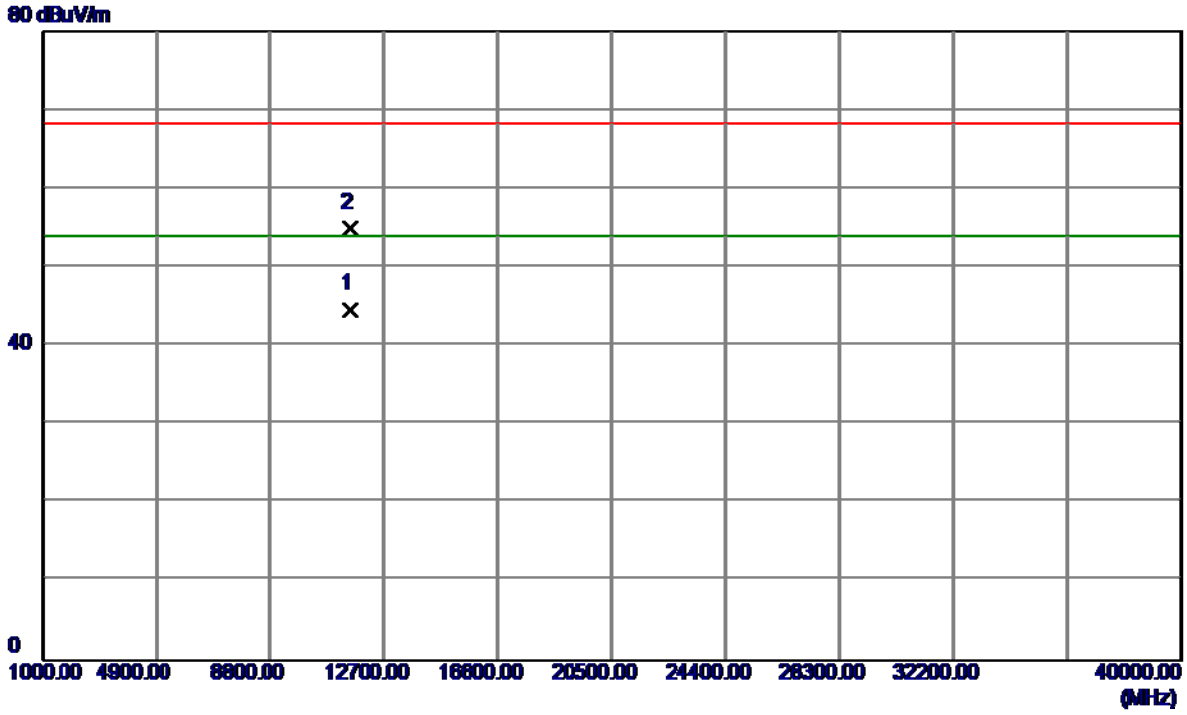
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.51	41.05	57.56	68.30	-10.74	Peak	
2	5715.0000	4.53	41.05	45.58	68.30	-22.72	AVG	
3	5725.0000	20.16	41.10	61.26	78.30	-17.04	Peak	
4	5725.0000	8.68	41.10	49.78	68.30	-18.52	AVG	
5	5749.6000	58.52	41.20	99.72	78.30	21.42	Peak	No Limit
6	5771.2000	48.73	41.29	90.02	68.30	21.72	AVG	No Limit

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

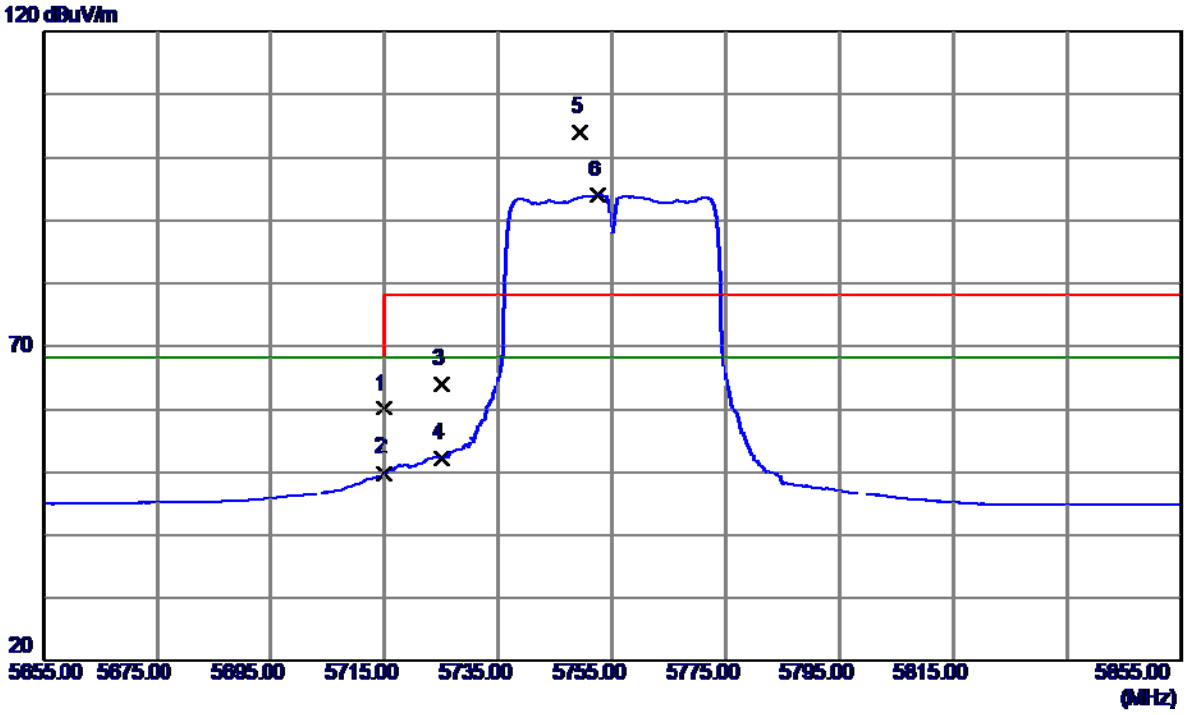
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.1600	25.72	19.00	44.72	54.00	-9.28	AVG	
2	11511.7600	36.10	19.00	55.10	68.30	-13.20	Peak	

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

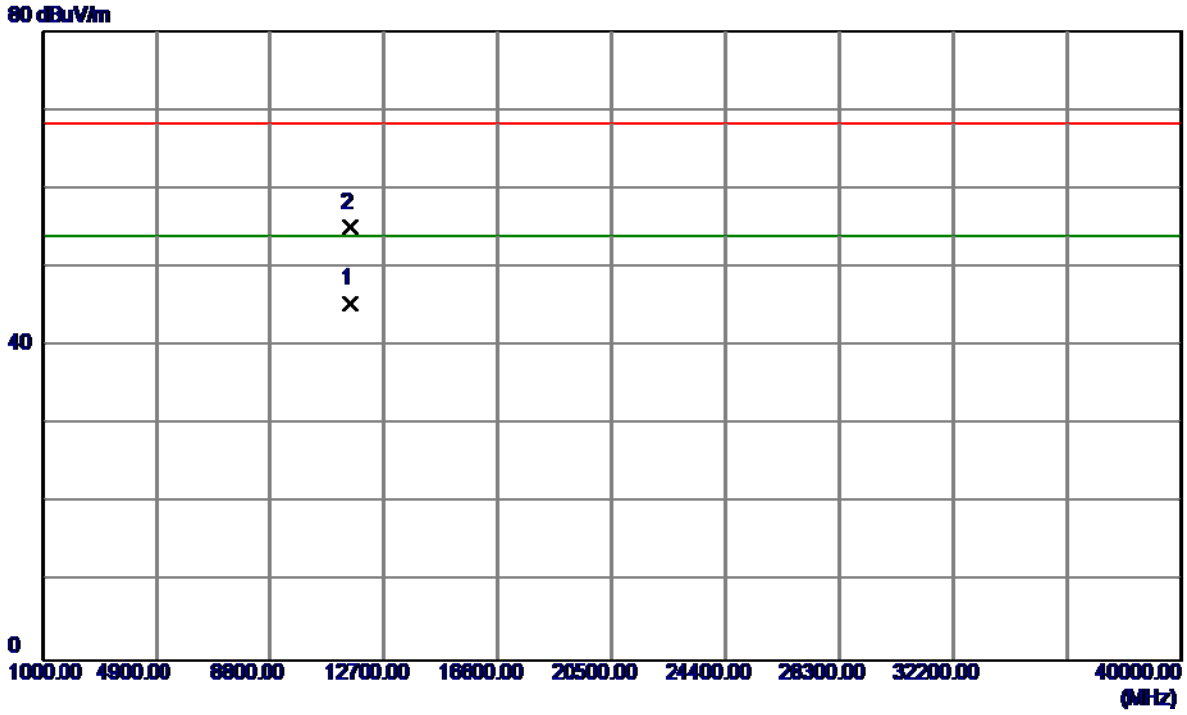
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	19.05	41.05	60.10	68.30	-8.20	Peak	
2	5715.0000	8.85	41.05	49.90	68.30	-18.40	AVG	
3	5725.0000	22.81	41.10	63.91	78.30	-14.39	Peak	
4	5725.0000	11.18	41.10	52.28	68.30	-16.02	AVG	
5	5749.4000	62.84	41.20	104.04	78.30	25.74	Peak	No Limit
6	5752.6000	52.72	41.21	93.93	68.30	25.63	AVG	No Limit

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

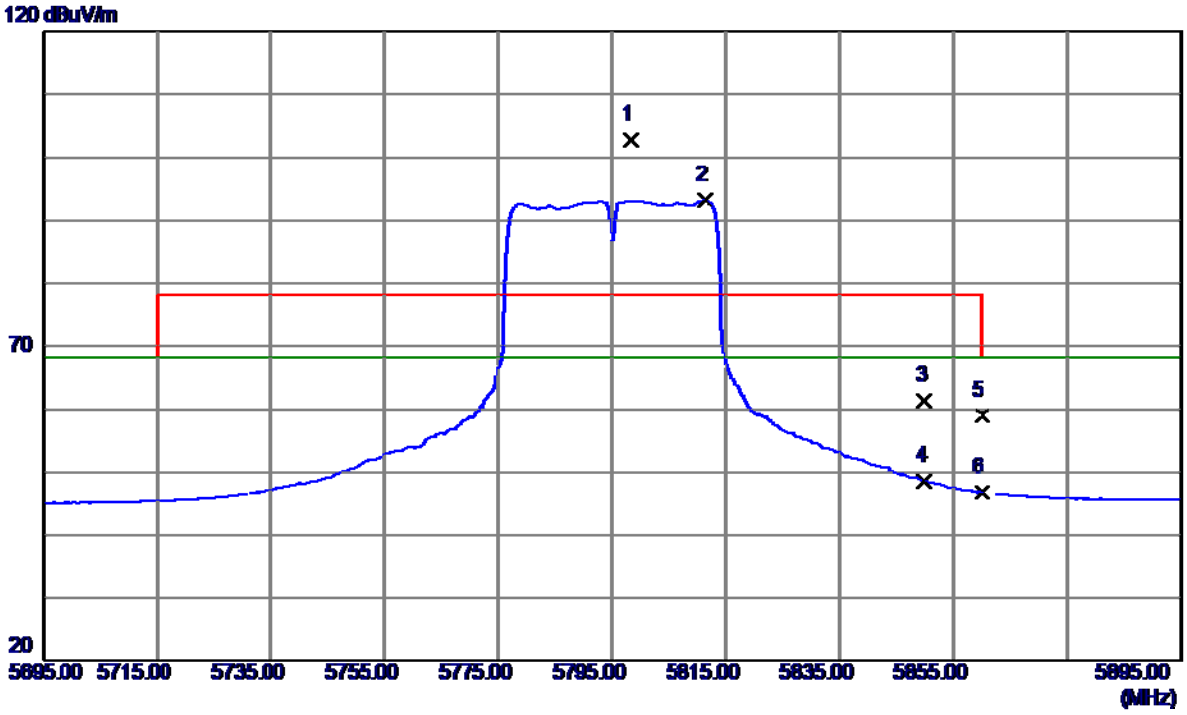
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.2600	26.41	19.00	45.41	54.00	-8.59	AVG	
2	11510.5400	36.12	19.00	55.12	68.30	-13.18	Peak	

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

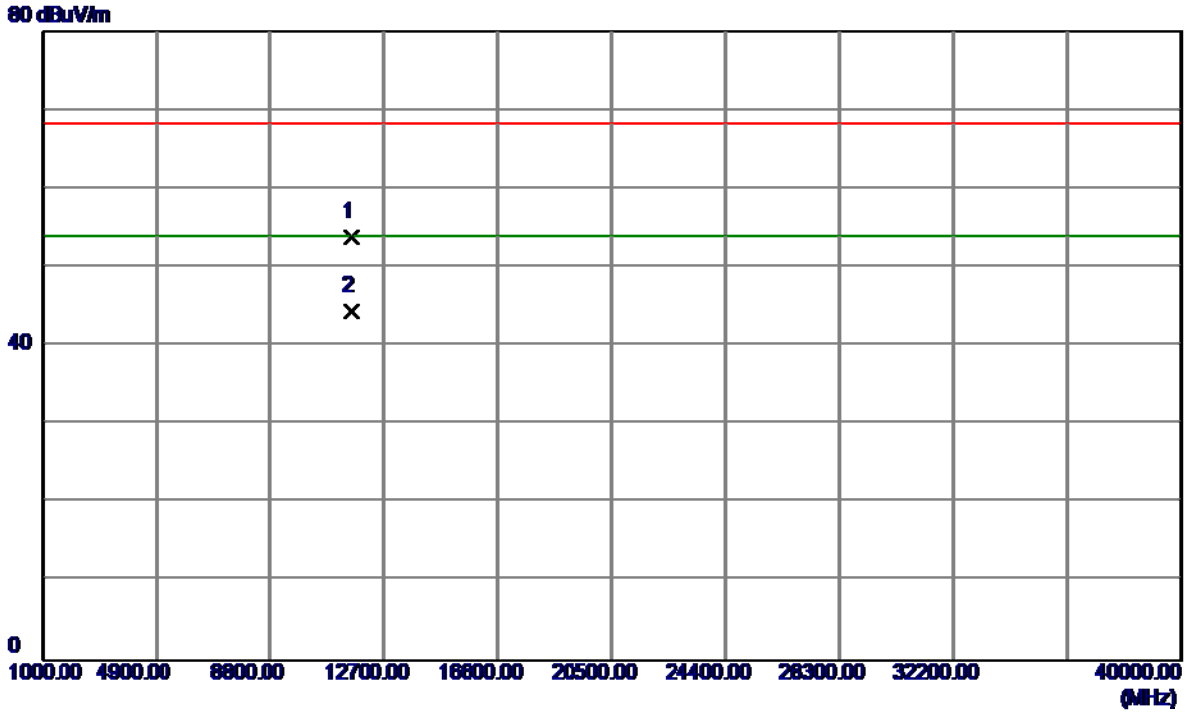
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5798.4000	61.44	41.40	102.84	78.30	24.54	Peak	No Limit
2	5811.4000	51.67	41.46	93.13	68.30	24.83	AVG	No Limit
3	5850.0000	19.75	41.62	61.37	78.30	-16.93	Peak	
4	5850.0000	7.07	41.62	48.69	68.30	-19.61	AVG	
5	5860.0000	17.37	41.66	59.03	78.30	-19.27	Peak	
6	5860.0000	5.08	41.66	46.74	68.30	-21.56	AVG	

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

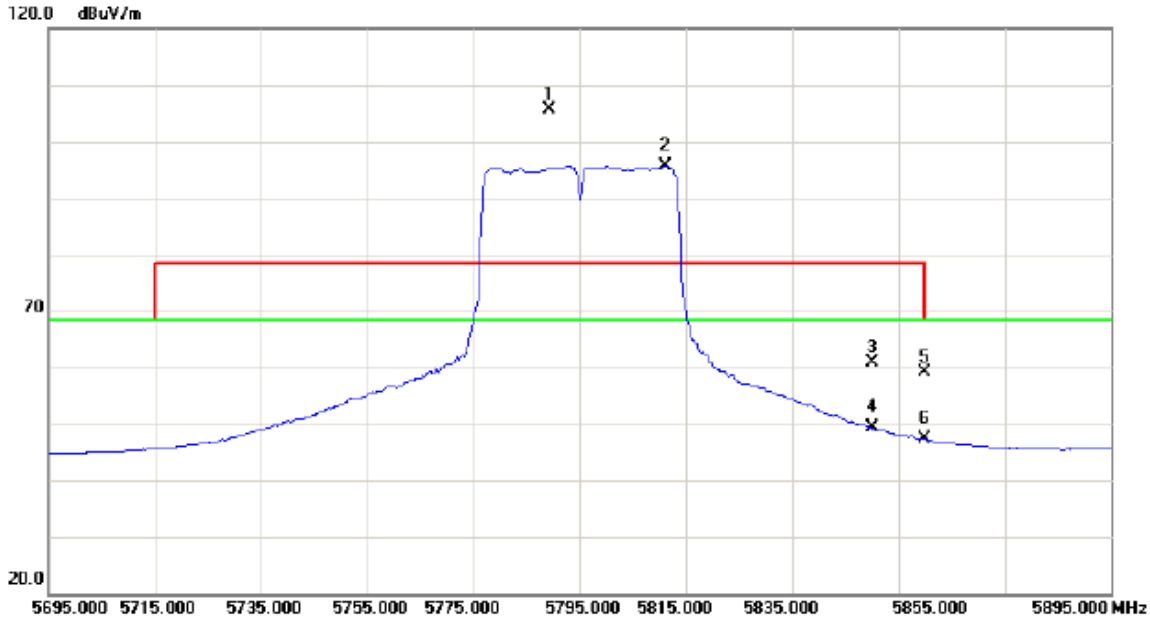
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.9400	34.93	19.01	53.94	68.30	-14.36	Peak	
2	11590.0400	25.46	19.01	44.47	54.00	-9.53	AVG	

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

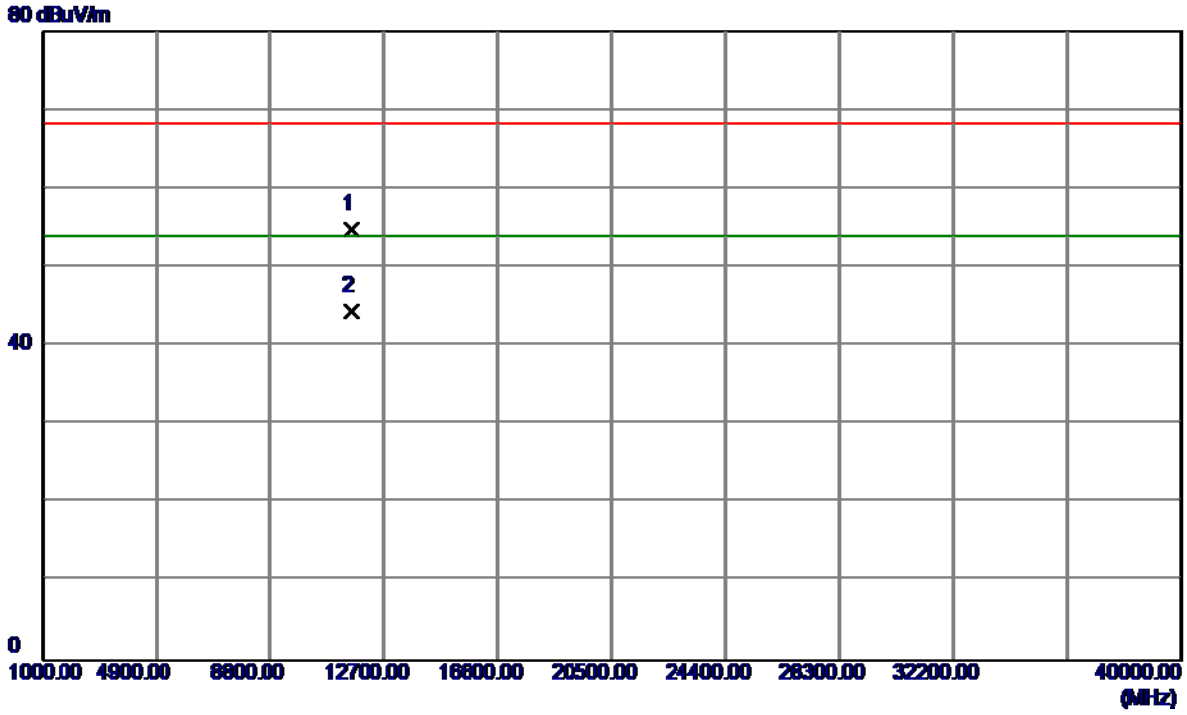
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5789.400	64.23	41.36	105.59	78.30	27.29	peak	No Limit
2	*	5811.200	54.14	41.46	95.60	68.30	27.30	AVG	No Limit
3		5850.000	19.37	41.62	60.99	78.30	-17.31	peak	
4		5850.000	7.66	41.62	49.28	68.30	-19.02	AVG	
5		5860.000	17.52	41.65	59.17	68.30	-9.13	peak	
6		5860.000	5.66	41.65	47.31	68.30	-20.99	AVG	

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

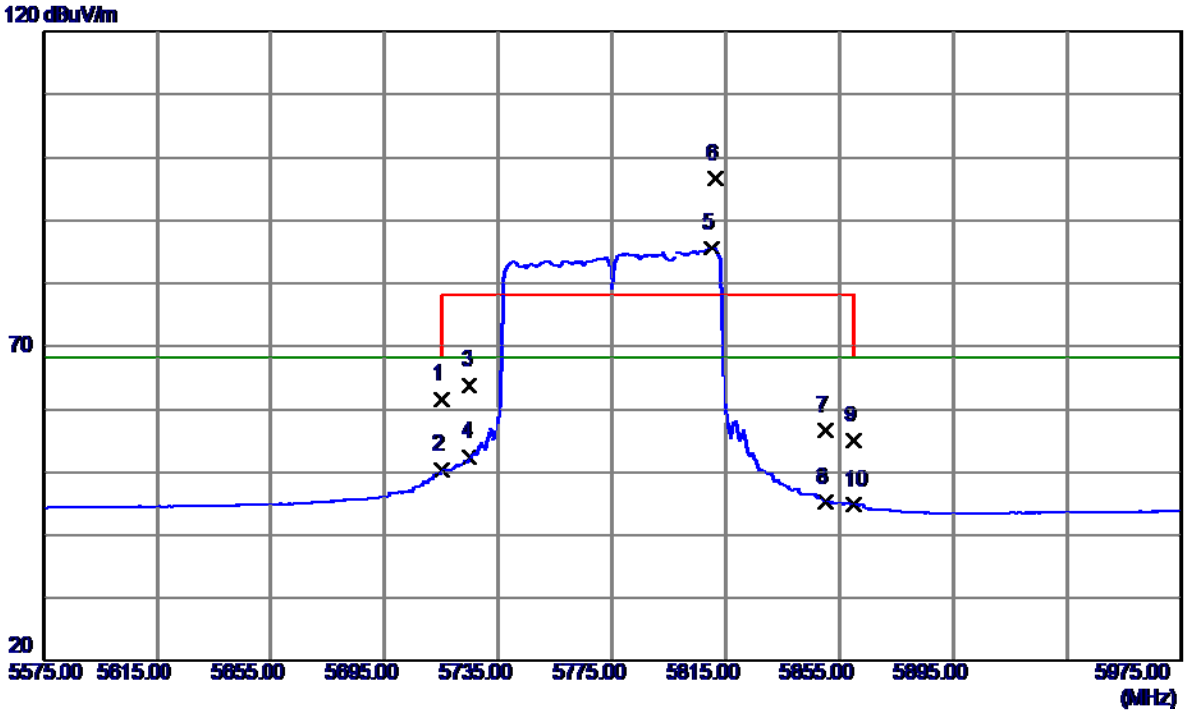
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.9400	35.80	19.01	54.81	68.30	-13.49	Peak	
2	11590.2200	25.44	19.01	44.45	54.00	-9.55	AVG	

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

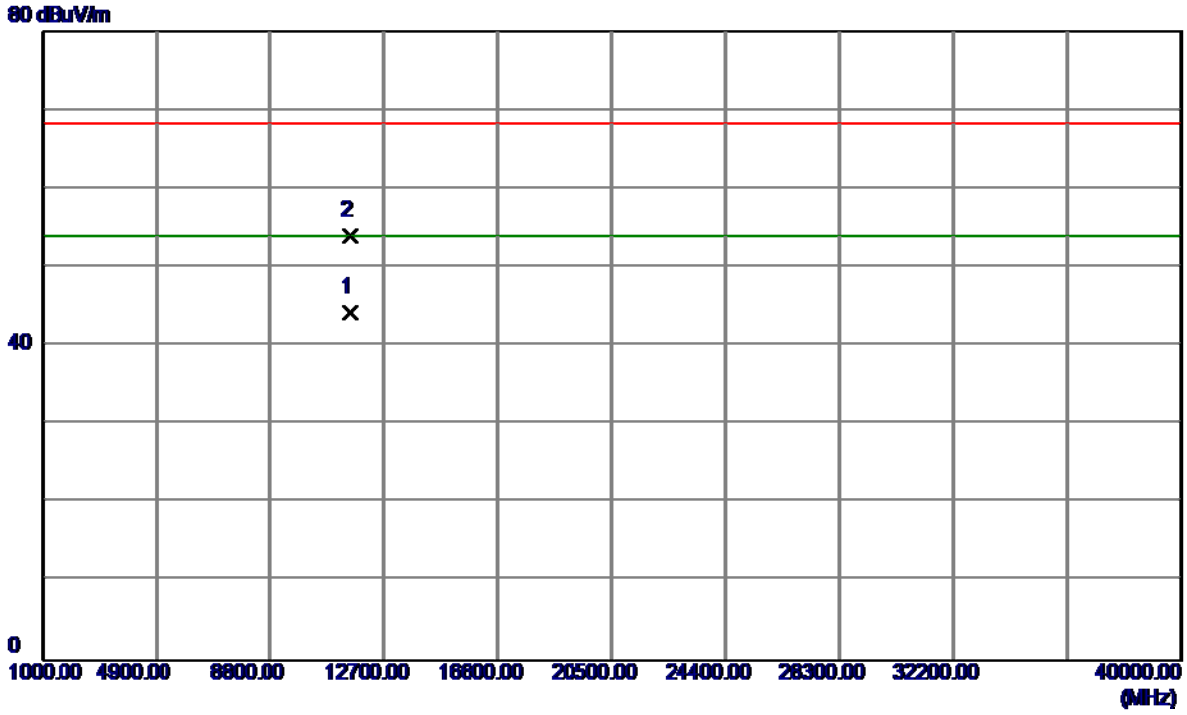
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.61	41.05	61.66	68.30	-6.64	Peak	
2	5715.0000	9.28	41.05	50.33	68.30	-17.97	AVG	
3	5725.0000	22.71	41.10	63.81	78.30	-14.49	Peak	
4	5725.0000	11.31	41.10	52.41	68.30	-15.89	AVG	
5	5810.2000	44.22	41.45	85.67	68.30	17.37	AVG	No Limit
6	5811.4000	55.20	41.46	96.66	78.30	18.36	Peak	No Limit
7	5850.0000	14.98	41.62	56.60	78.30	-21.70	Peak	
8	5850.0000	3.58	41.62	45.20	68.30	-23.10	AVG	
9	5860.0000	13.35	41.66	55.01	78.30	-23.29	Peak	
10	5860.0000	3.05	41.66	44.71	68.30	-23.59	AVG	

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

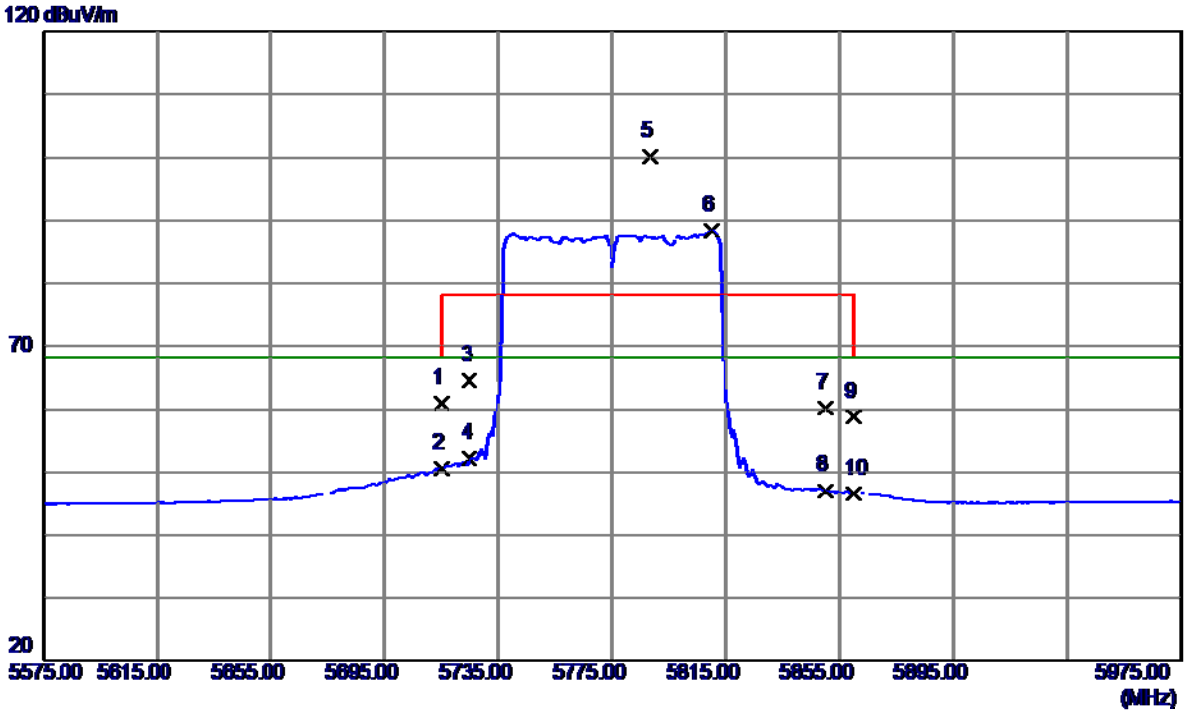
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11549.7600	25.37	19.00	44.37	54.00	-9.63	AVG	
2	11550.1400	35.06	19.00	54.06	68.30	-14.24	Peak	

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

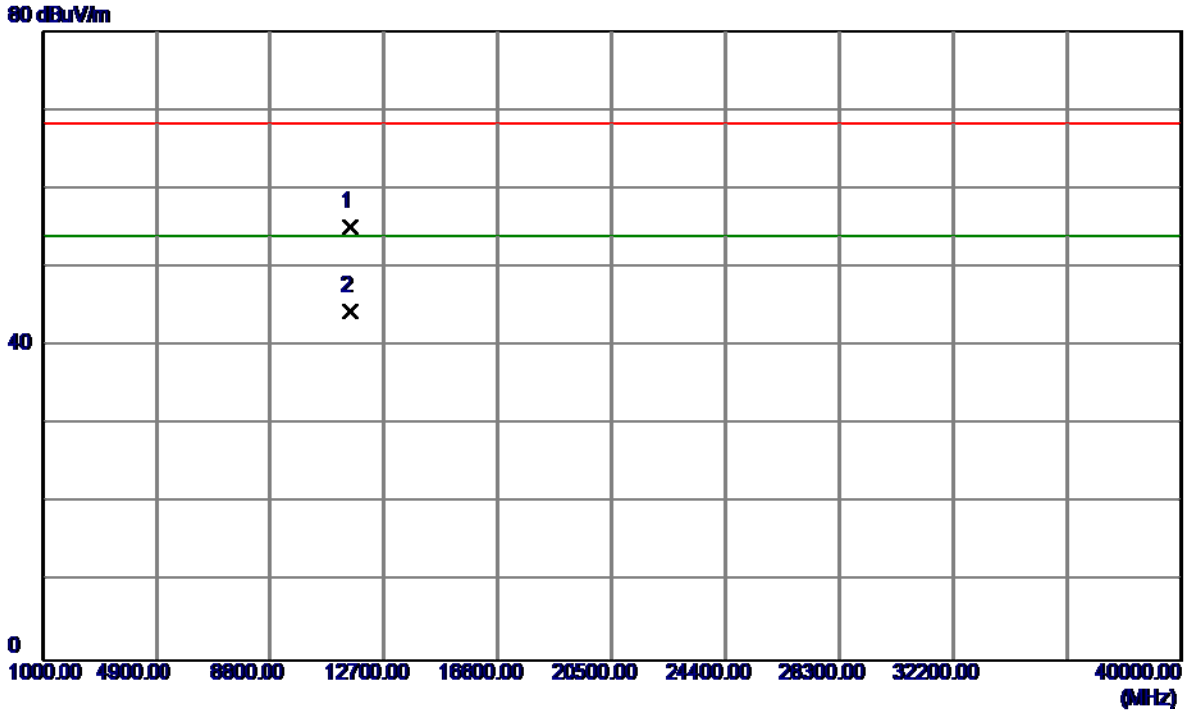
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.04	41.05	61.09	68.30	-7.21	Peak	
2	5715.0000	9.63	41.05	50.68	68.30	-17.62	AVG	
3	5725.0000	23.59	41.10	64.69	78.30	-13.61	Peak	
4	5725.0000	11.04	41.10	52.14	68.30	-16.16	AVG	
5	5788.2000	58.87	41.36	100.23	78.30	21.93	Peak	No Limit
6	5810.2000	46.97	41.45	88.42	68.30	20.12	AVG	No Limit
7	5850.0000	18.62	41.62	60.24	78.30	-18.06	Peak	
8	5850.0000	5.48	41.62	47.10	68.30	-21.20	AVG	
9	5860.0000	17.05	41.66	58.71	78.30	-19.59	Peak	
10	5860.0000	5.03	41.66	46.69	68.30	-21.61	AVG	

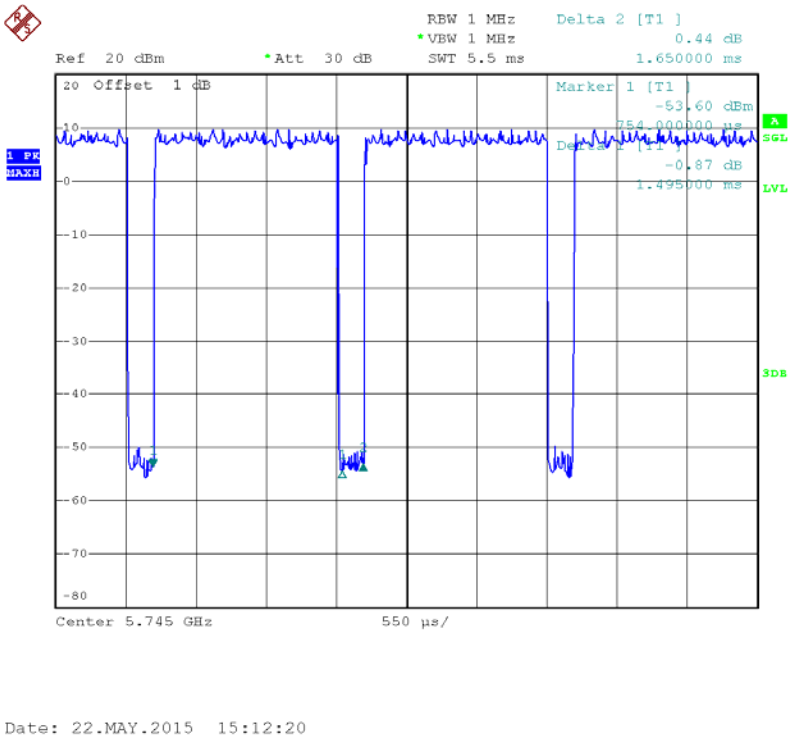
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11549.0599	36.23	19.00	55.23	68.30	-13.07	Peak	
2	11549.9600	25.45	19.00	44.45	54.00	-9.55	AVG	

TX A Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 1.50 msec

T_{Total}: 1.65 msec

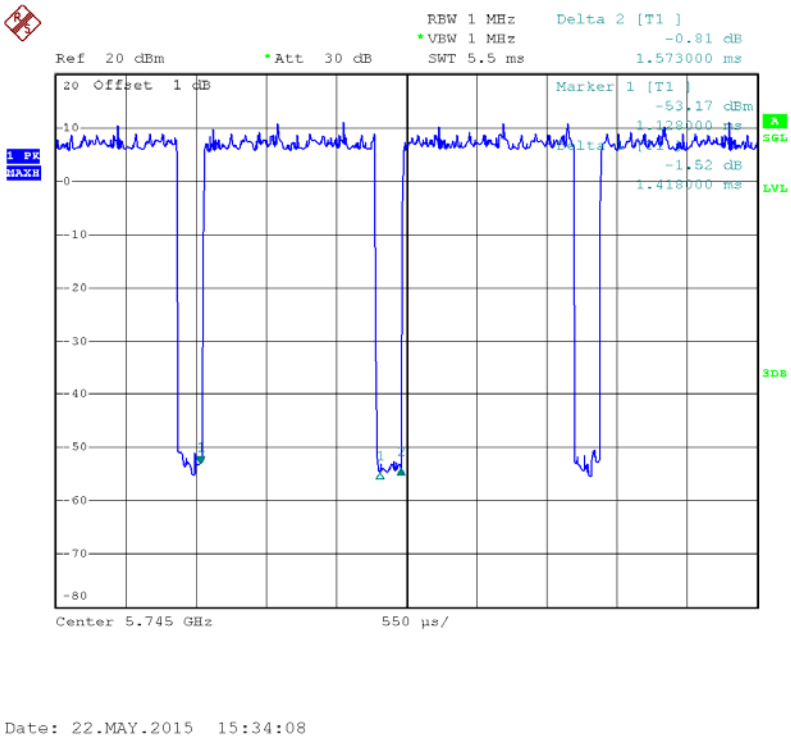
Duty cycle: 90.91%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.41

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

TX N20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 1.42 msec

T_{Total}: 1.57 msec

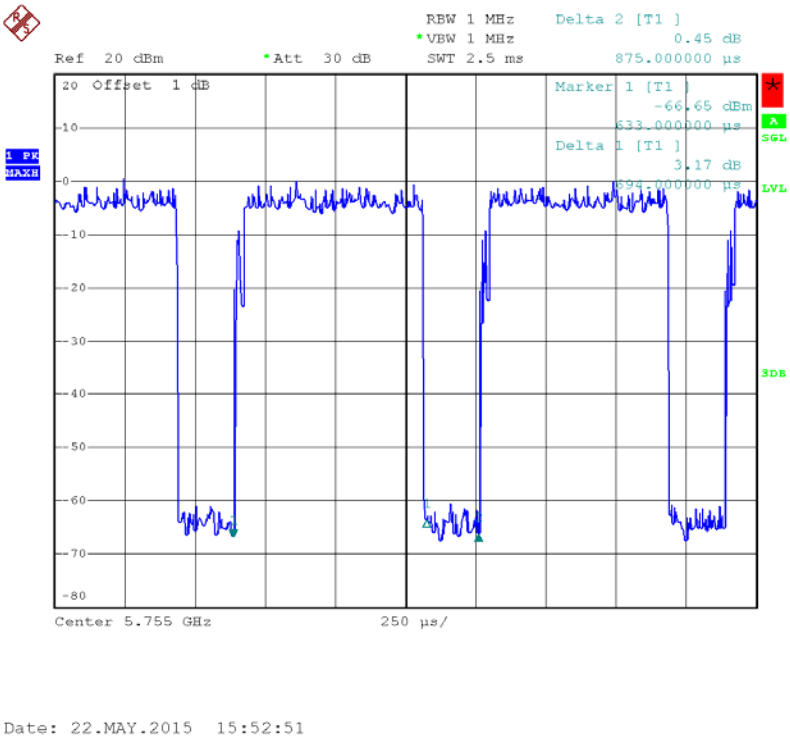
Duty cycle: 90.45%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.44

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

TX N40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.69 msec

T_{Total}: 0.88 msec

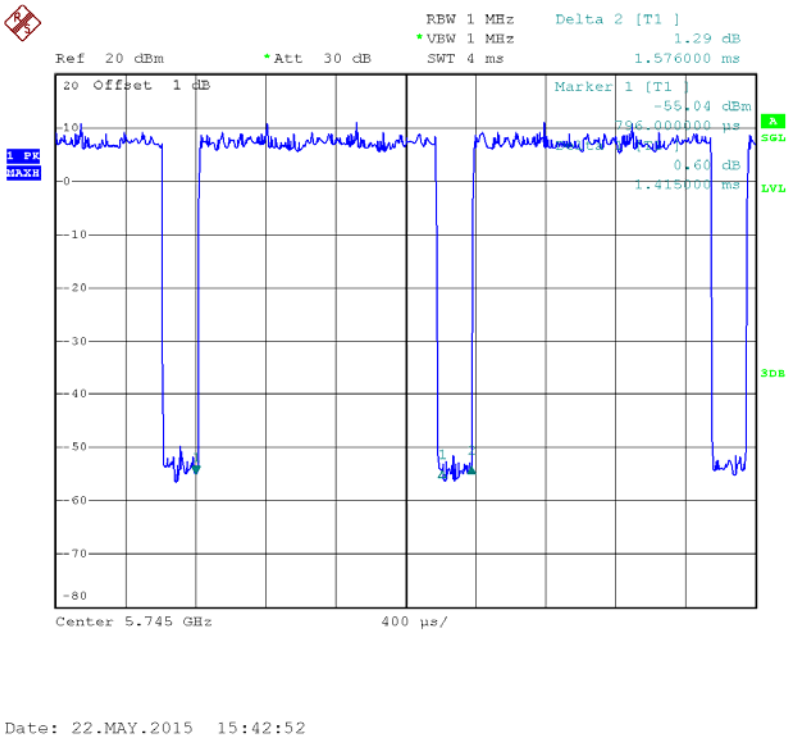
Duty cycle: 78.41%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.06

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

TX AC20 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 1.42 msec

T_{Total}: 1.58 msec

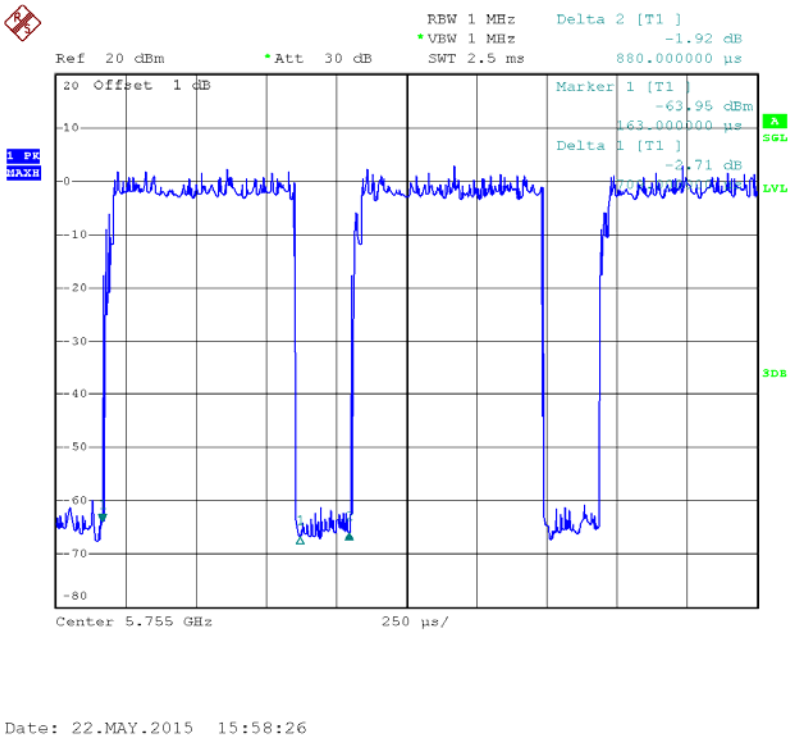
Duty cycle: 89.87%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.46

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

TX AC40 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.71 msec

T_{Total}: 0.88 msec

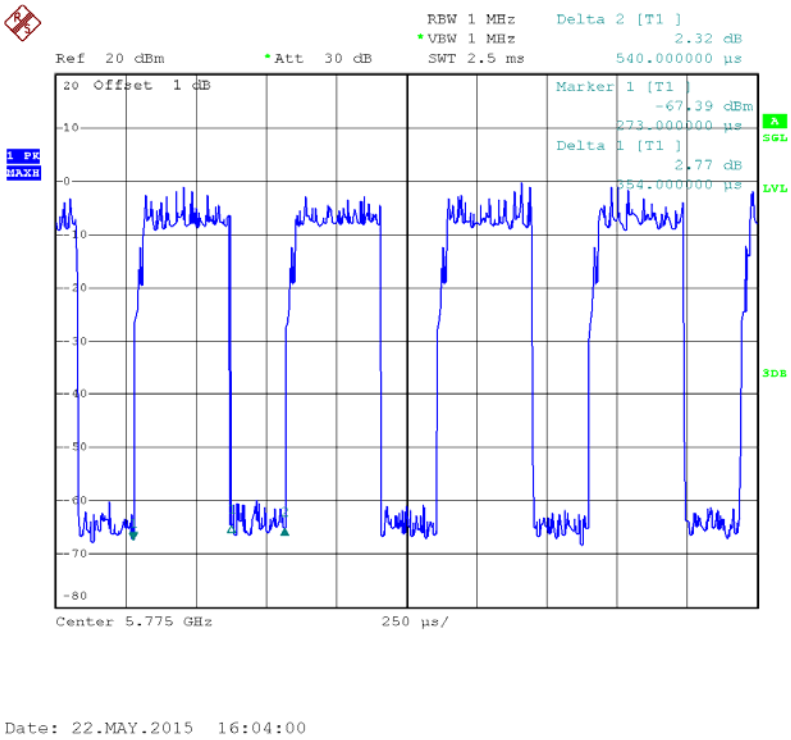
Duty cycle: 80.68%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.93

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

TX AC80 Mode_DUTY CYCLE



Duty cycle: TX DUTYMHz

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

T_{ON}: 0.35 msec

T_{Total}: 0.54 msec

Duty cycle: 64.81%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 1.88

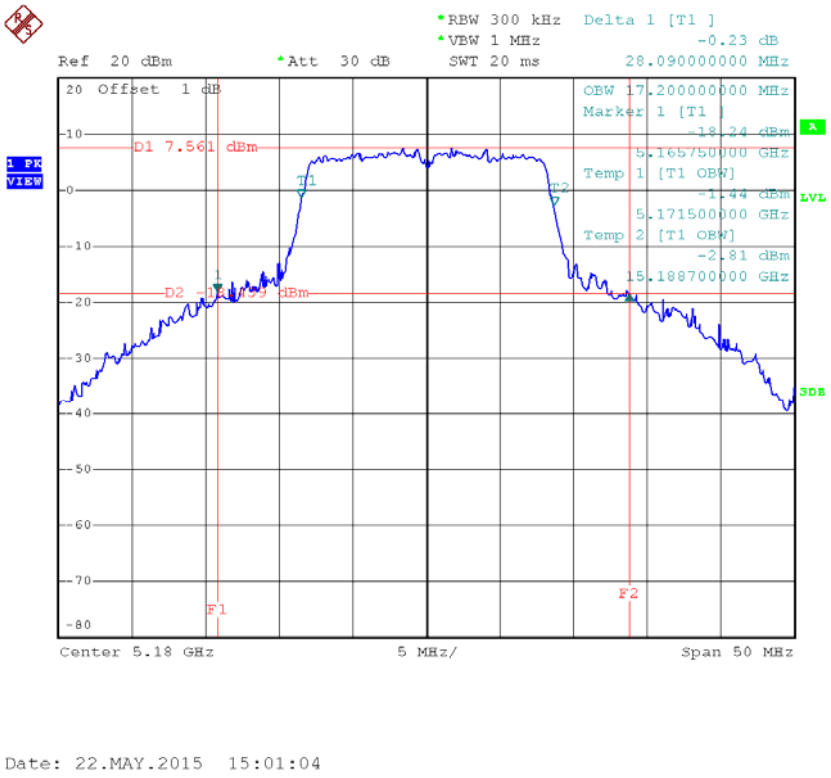
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

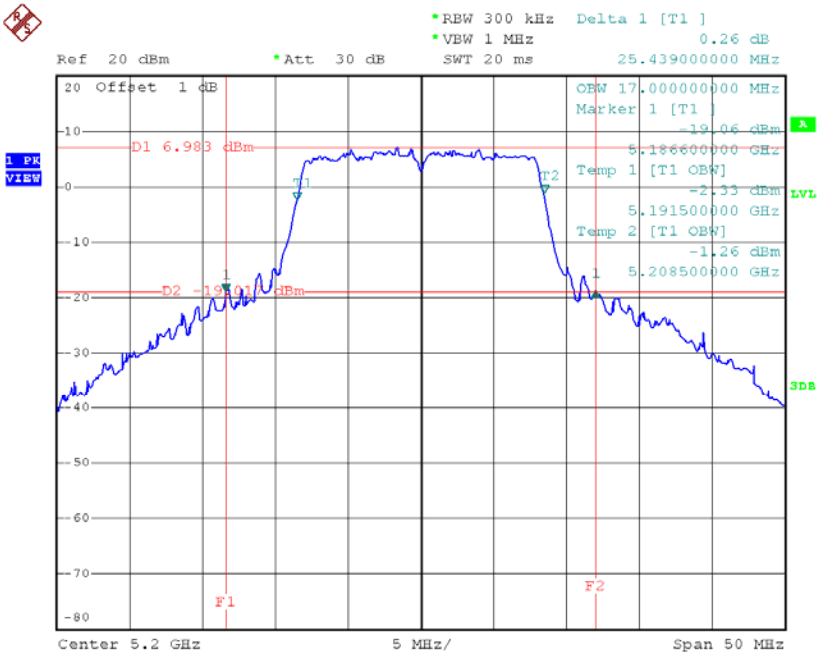
Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	28.09	17.20
CH40	5200	25.44	17.00
CH48	5240	25.44	17.00

TX CH36

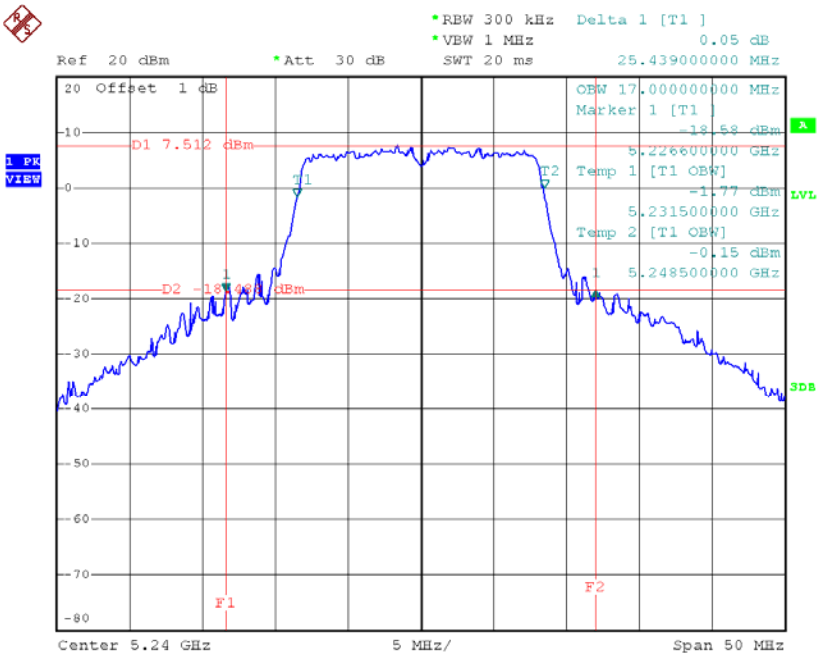


TX CH40



Date: 22.MAY.2015 15:07:51

TX CH48

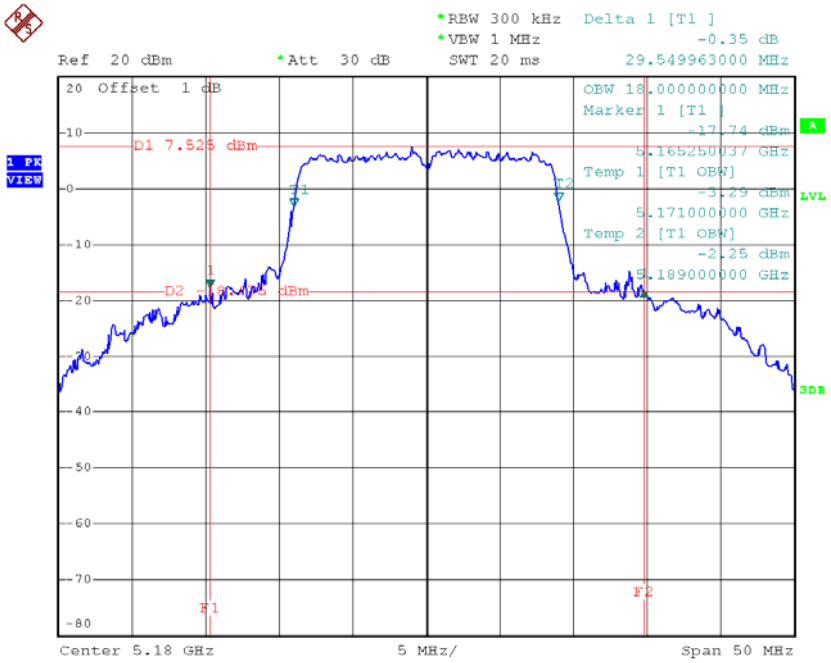


Date: 22.MAY.2015 15:09:08

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

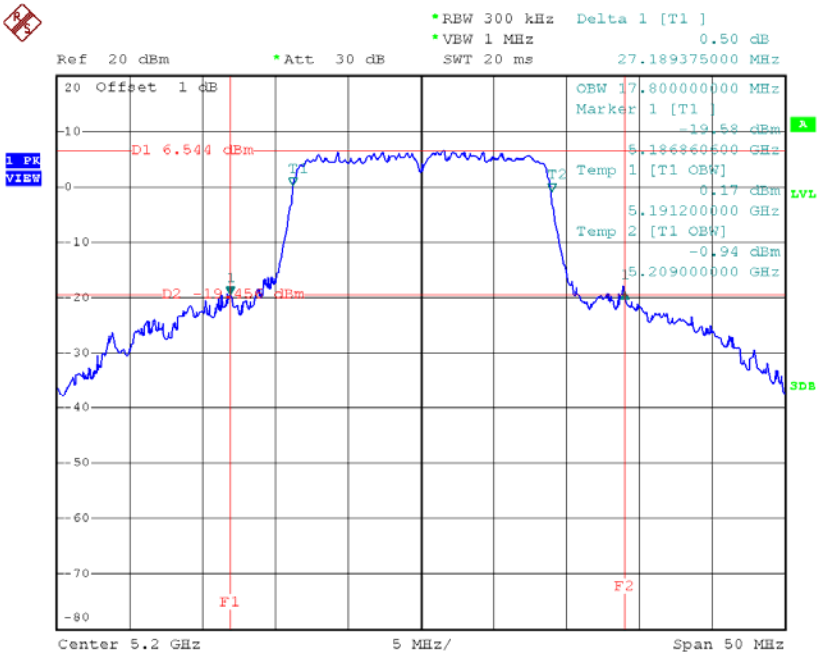
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	29.55	18.00
CH40	5200	27.19	17.80
CH48	5240	21.60	17.80

TX CH36



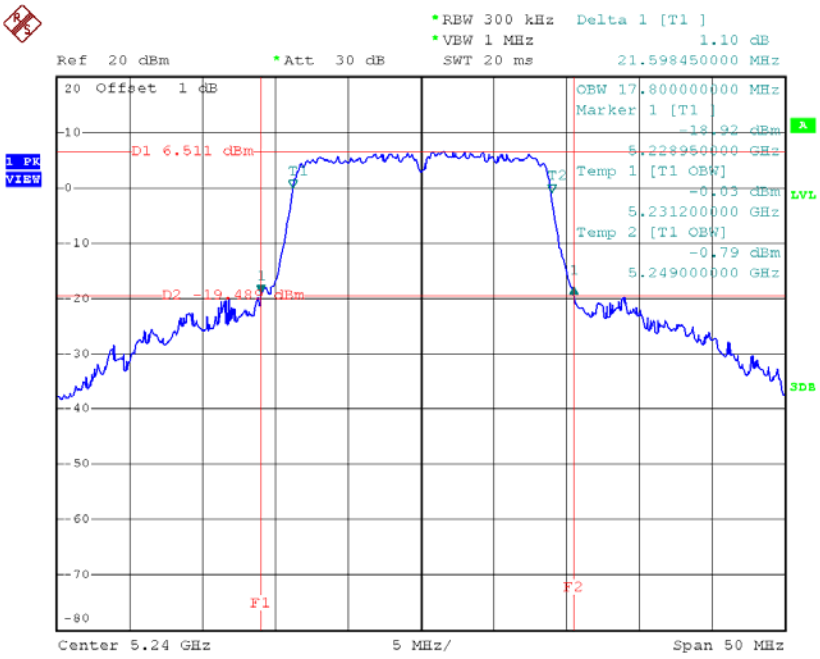
Date: 22.MAY.2015 15:17:11

TX CH40



Date: 22.MAY.2015 15:18:29

TX CH48

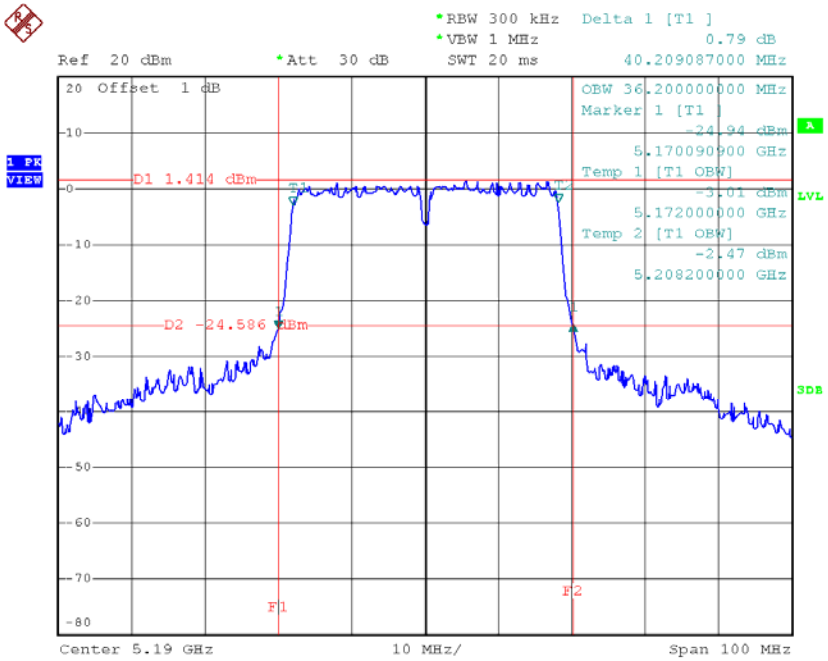


Date: 22.MAY.2015 15:19:14

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

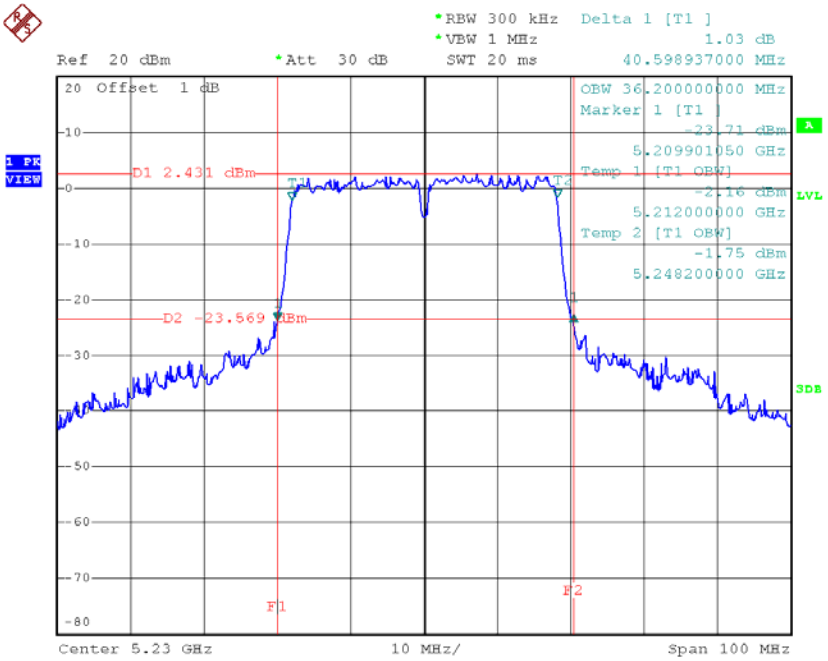
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.21	36.20
CH46	5230	40.60	36.20

TX CH38



Date: 22.MAY.2015 15:48:00

TX CH46

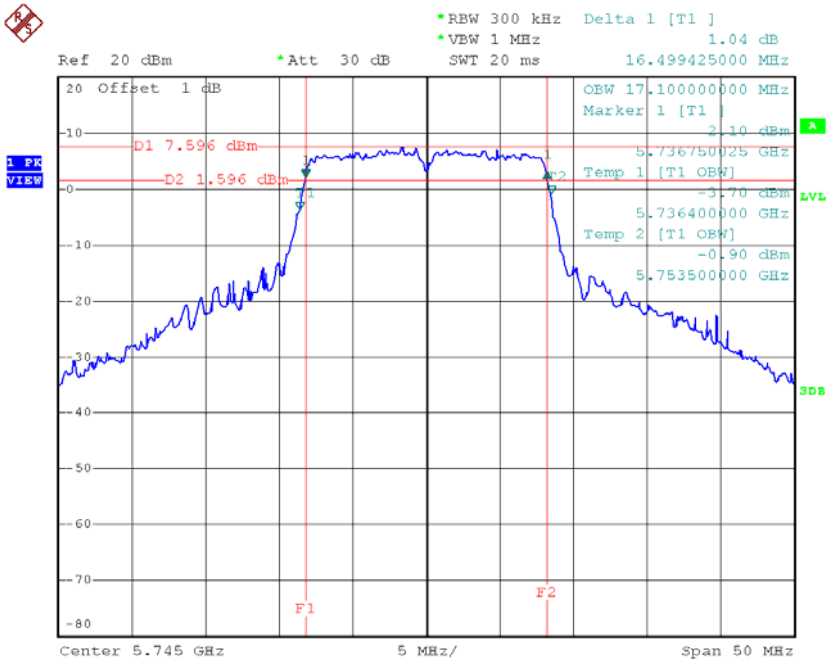


Date: 22.MAY.2015 15:49:41

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

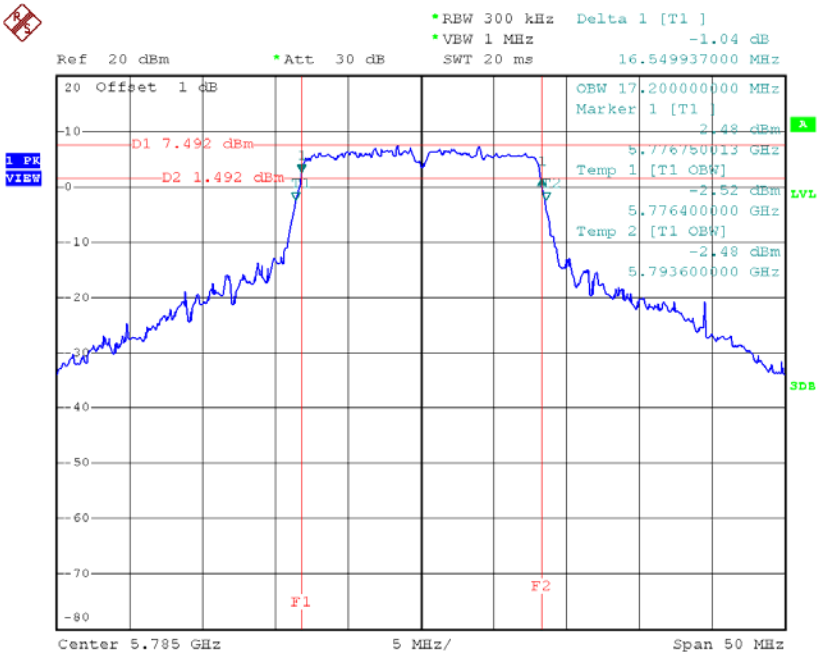
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.50	17.10	>=500
CH157	5785	16.55	17.20	>=500
CH165	5825	16.45	17.50	>=500

TX CH 149



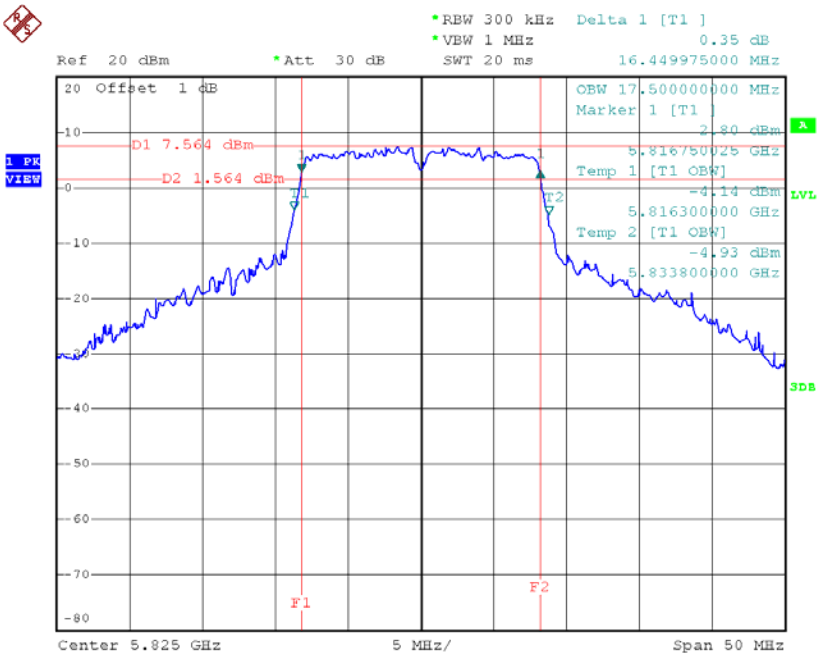
Date: 22.MAY.2015 15:11:40

TX CH 157



Date: 22.MAY.2015 15:13:26

TX CH 165

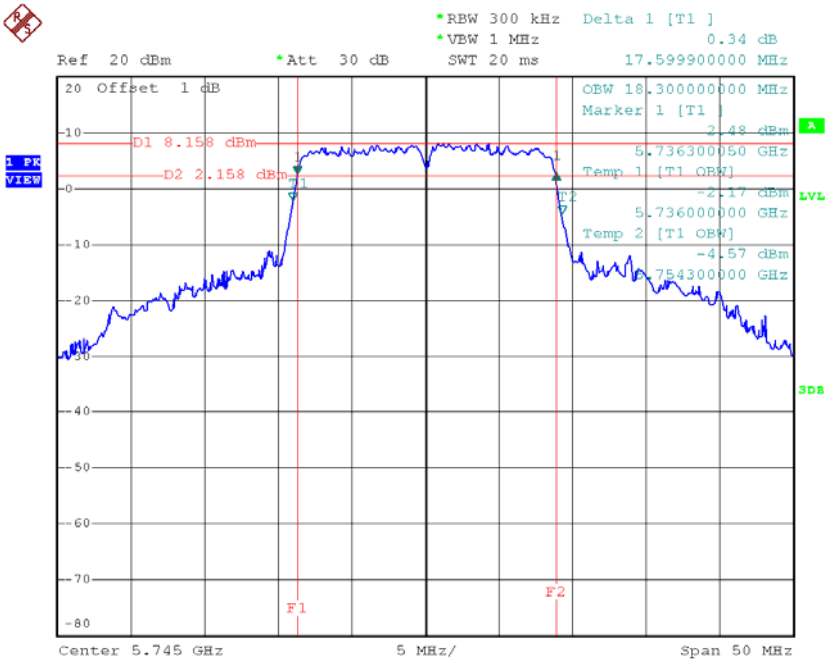


Date: 22.MAY.2015 15:14:53

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

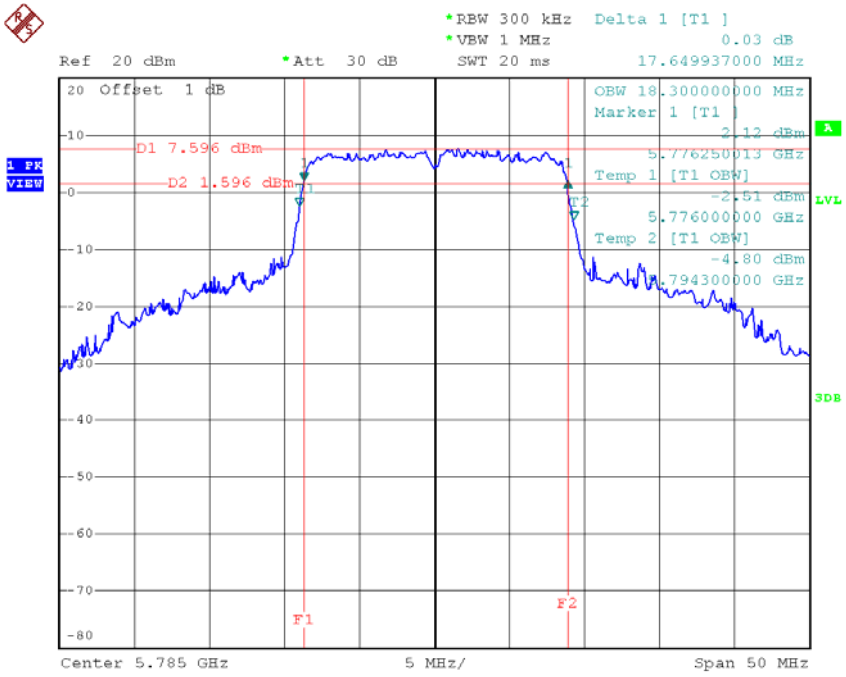
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.60	18.30	>=500
CH157	5785	17.65	18.30	>=500
CH165	5825	17.55	23.10	>=500

TX CH 149



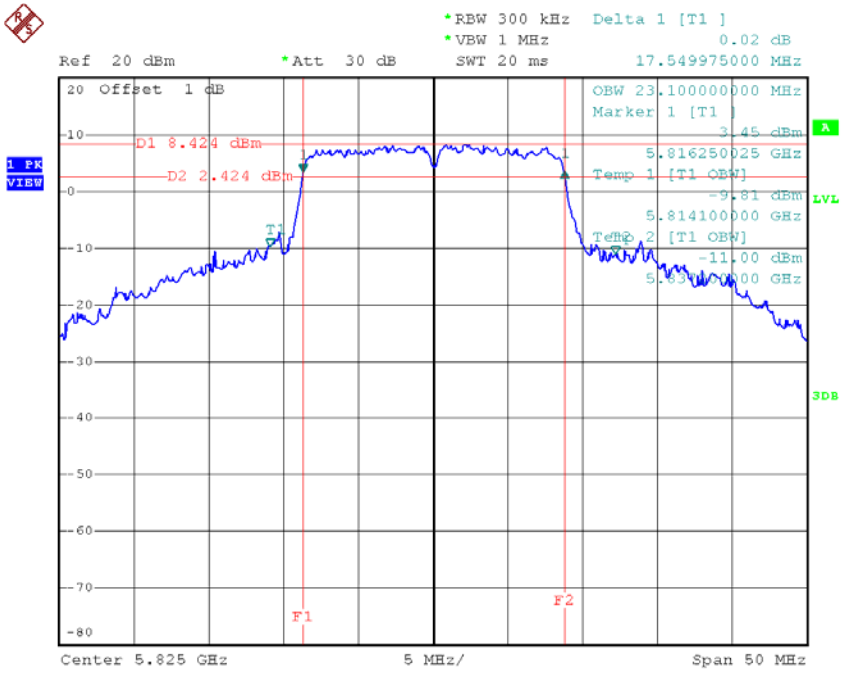
Date: 22.MAY.2015 15:32:48

TX CH 157



Date: 22.MAY.2015 15:35:03

TX CH 165

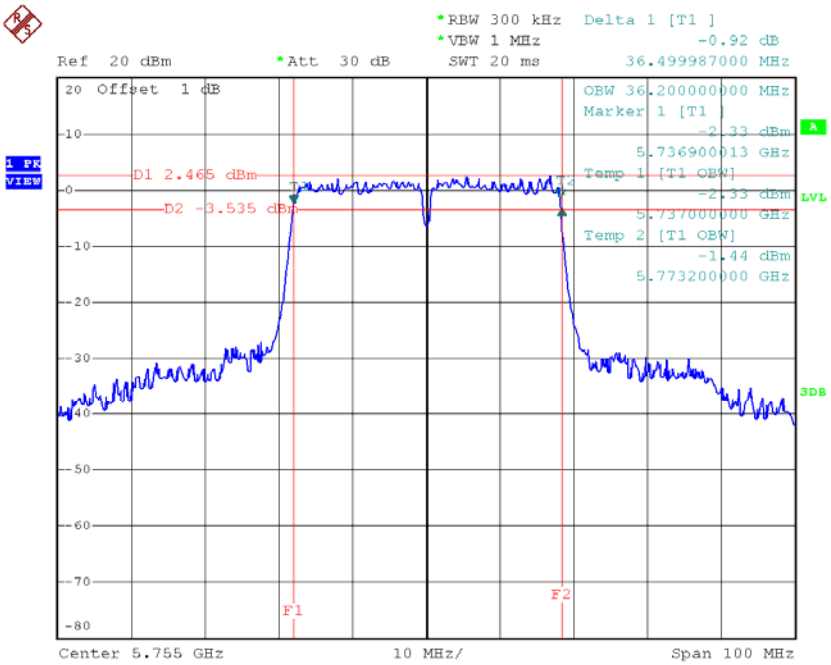


Date: 22.MAY.2015 15:35:57

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

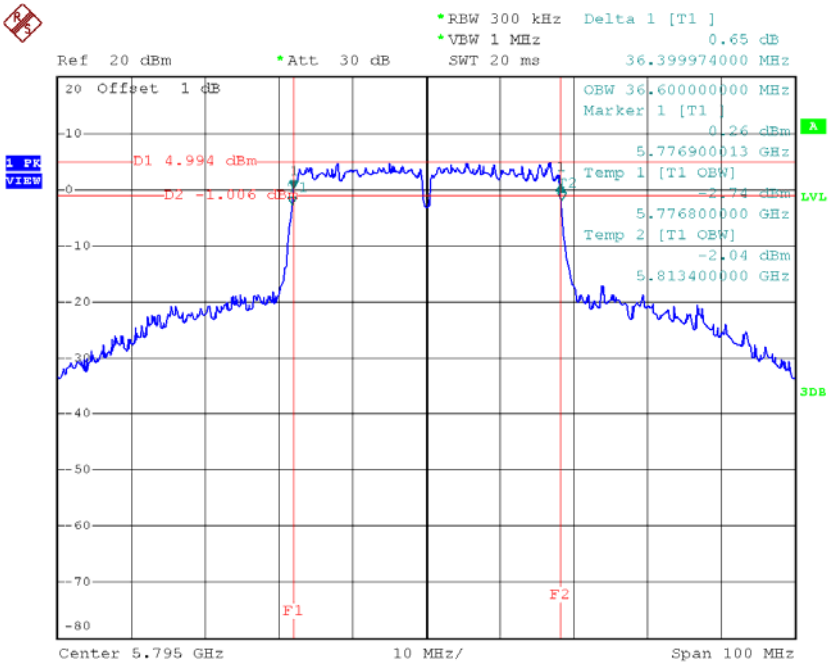
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.50	36.20	>=500
CH159	5795	36.40	36.60	>=500

TX CH 151



Date: 22.MAY.2015 15:51:29

TX CH 159

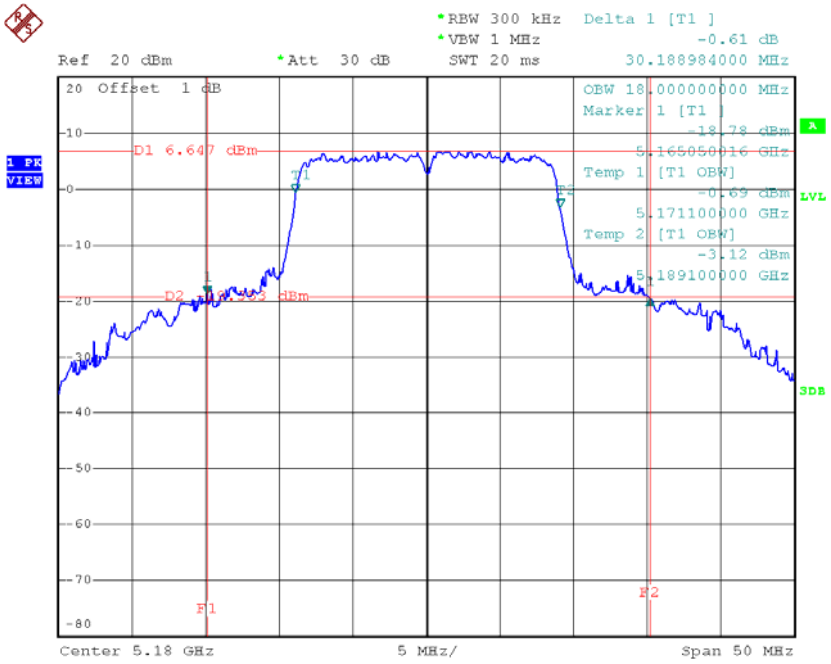


Date: 22.MAY.2015 15:53:43

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

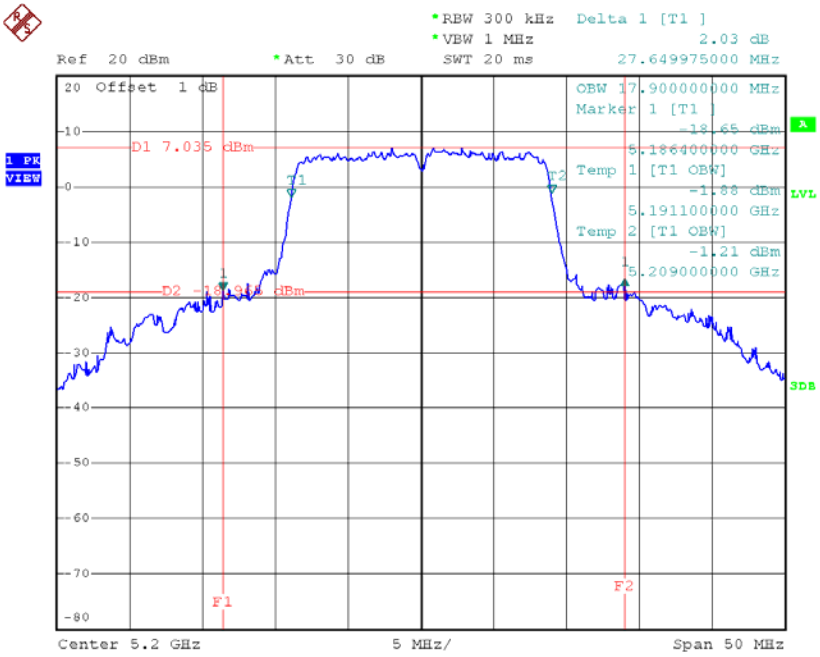
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	30.19	18.00
CH40	5200	27.65	17.90
CH48	5240	26.15	17.80

TX CH36



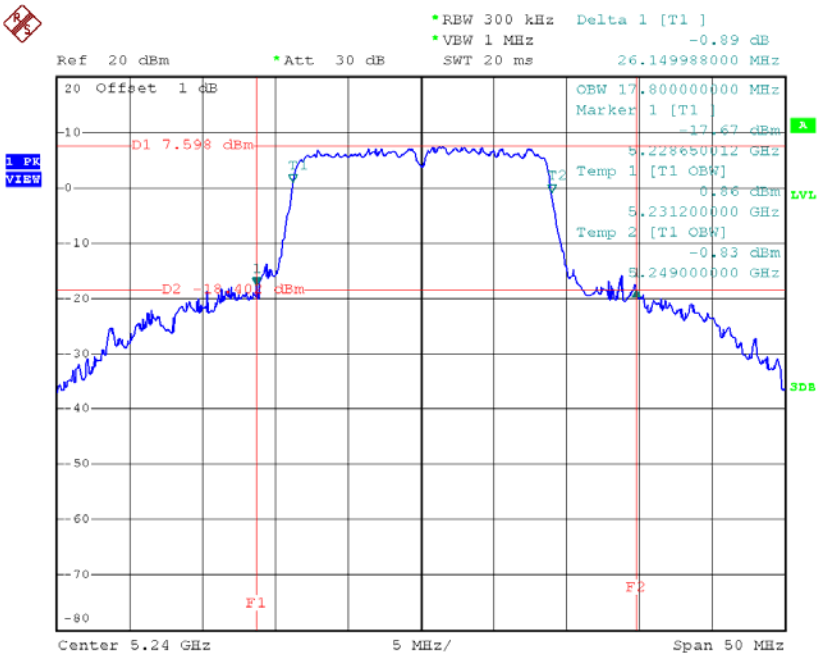
Date: 22.MAY.2015 15:38:44

TX CH40



Date: 22.MAY.2015 15:39:51

TX CH48

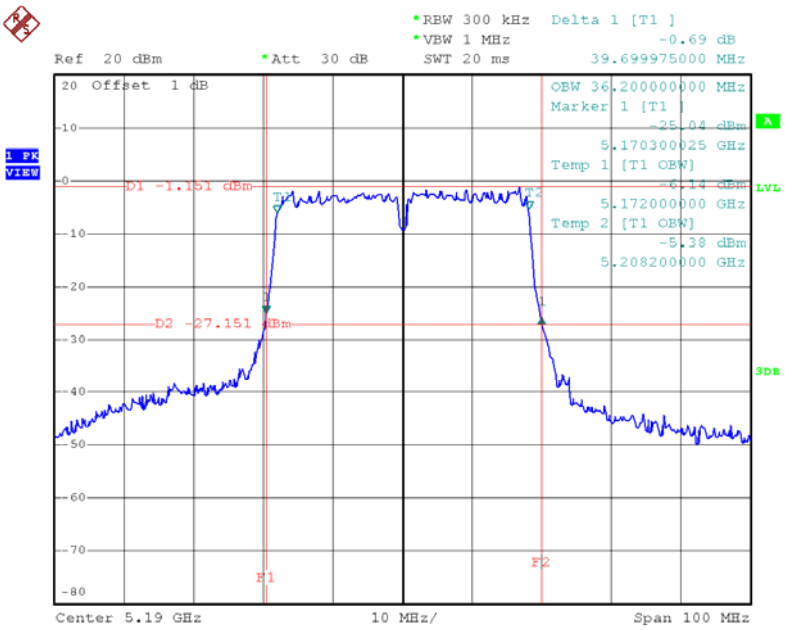


Date: 22.MAY.2015 15:40:32

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

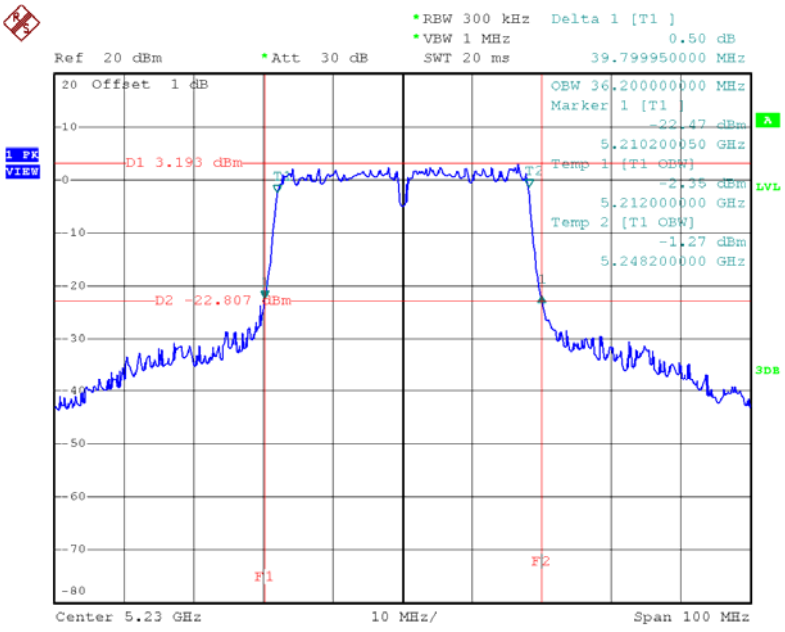
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	39.70	36.20
CH46	5230	39.80	36.20

TX CH38



Date: 22.MAY.2015 15:55:07

TX CH46

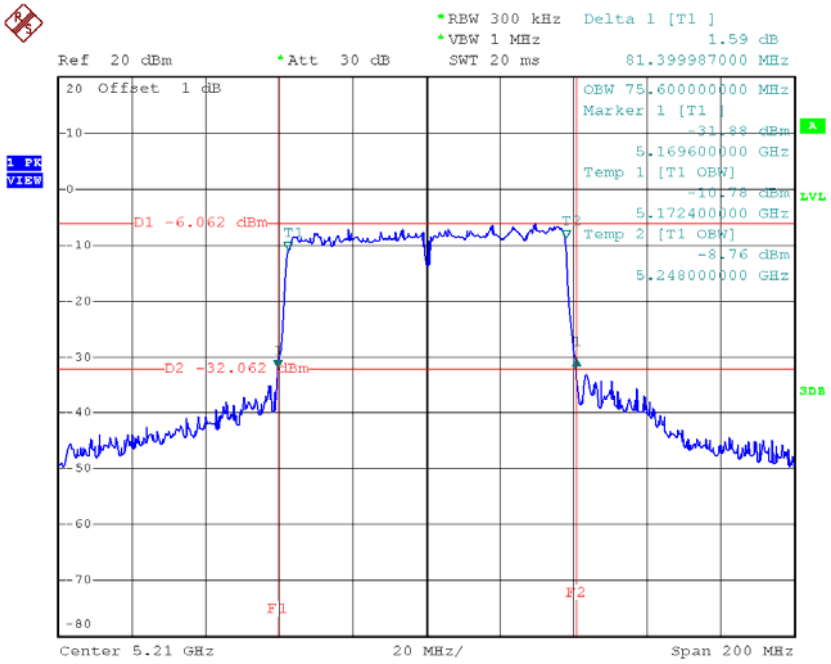


Date: 22.MAY.2015 15:56:18

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	81.40	75.60

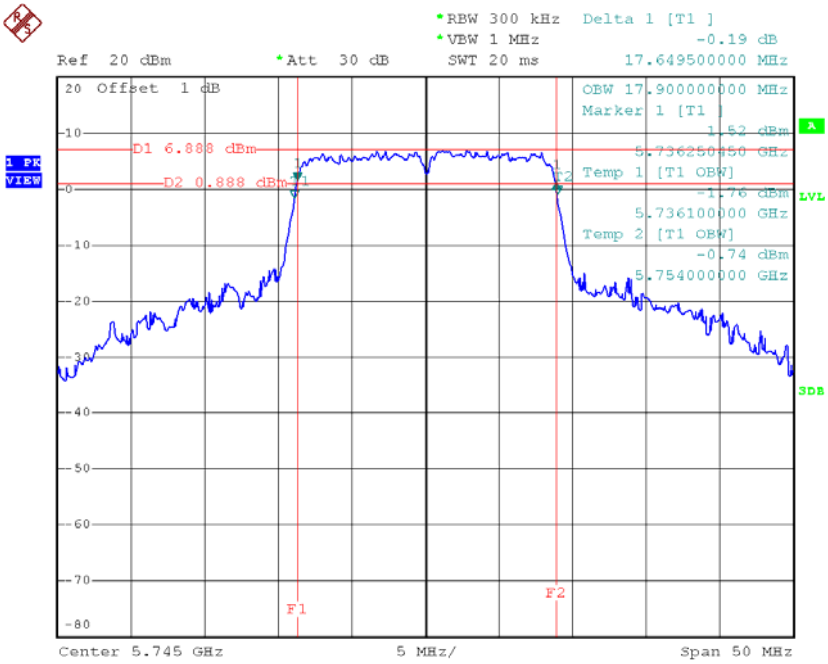
TX CH42



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

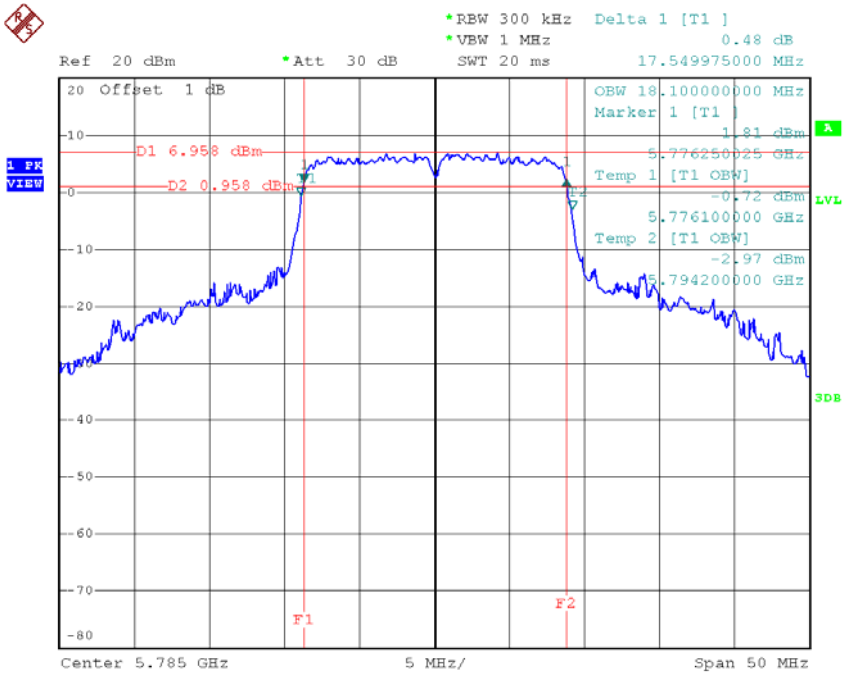
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.65	17.90	>=500
CH157	5785	17.55	18.10	>=500
CH165	5825	17.55	18.40	>=500

TX CH 149



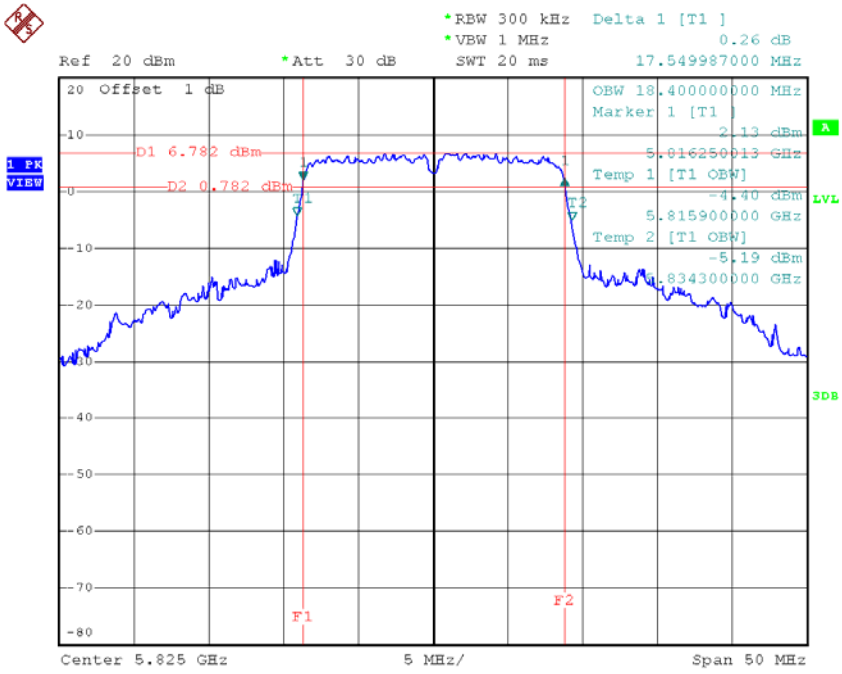
Date: 22.MAY.2015 15:42:25

TX CH 157



Date: 22.MAY.2015 15:44:50

TX CH 165

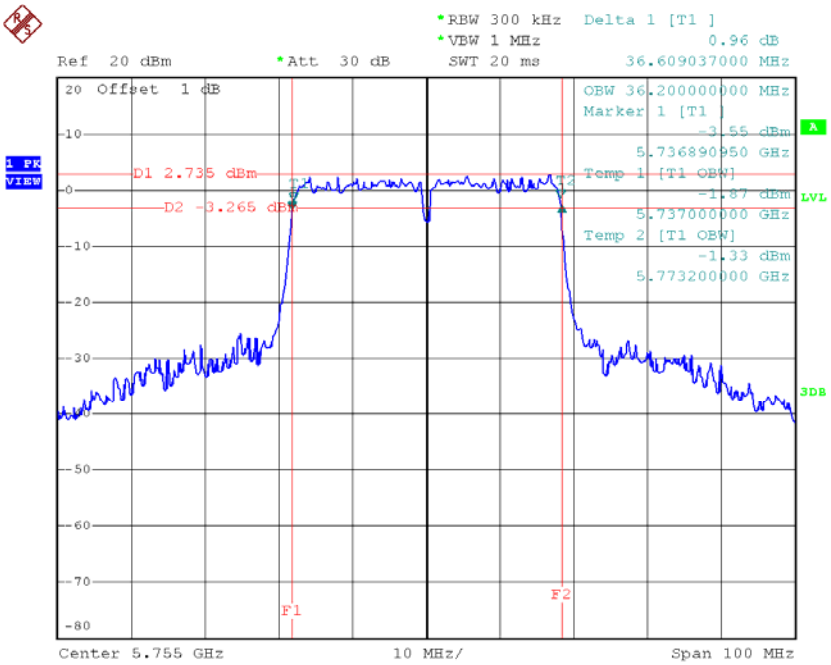


Date: 22.MAY.2015 15:45:35

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

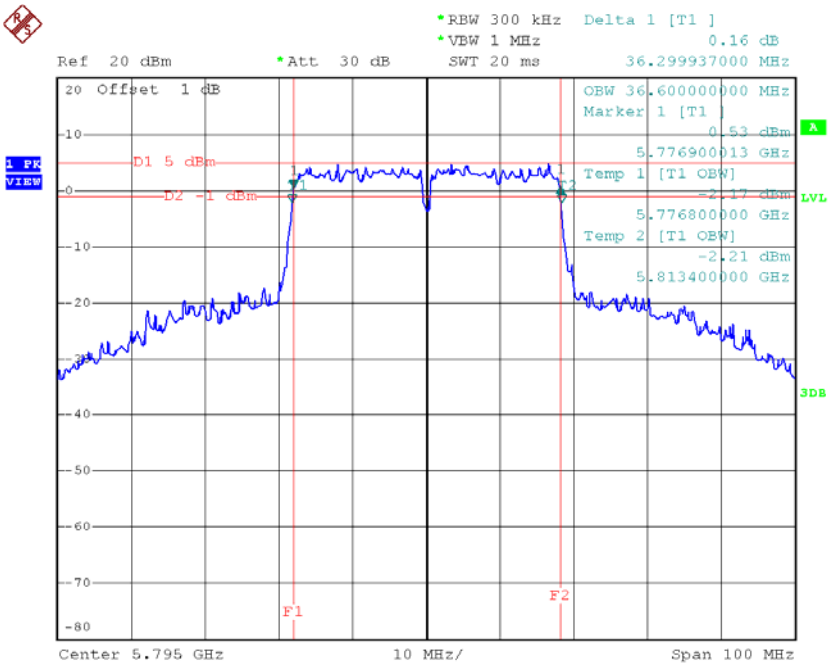
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.61	36.20	>=500
CH159	5795	36.30	36.60	>=500

TX CH 151



Date: 22.MAY.2015 15:58:06

TX CH 159

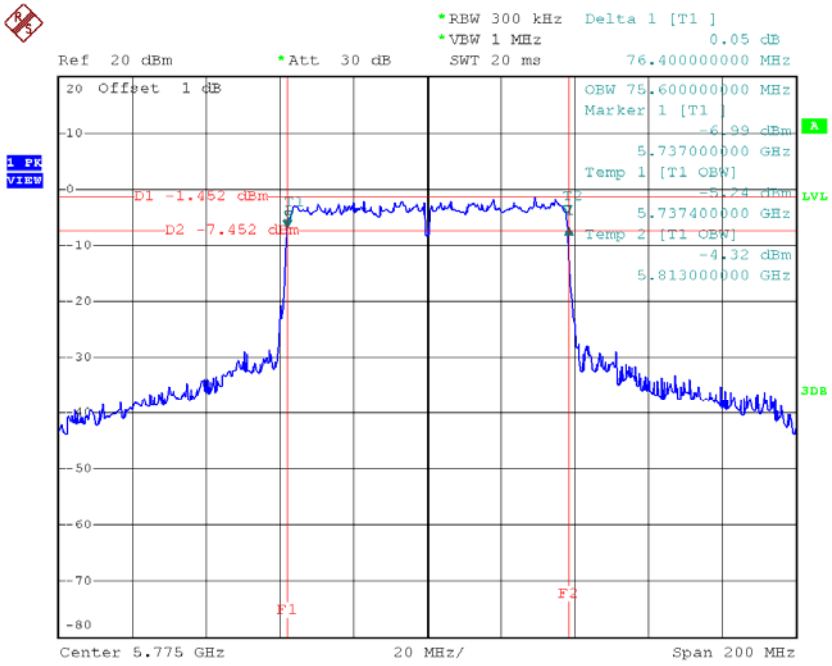


Date: 22.MAY.2015 16:00:08

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.40	75.60	>=500

TX CH 155



Date: 22.MAY.2015 16:02:53

ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.88	0.41	16.29	30.00	1.00
CH40	5200	15.79	0.41	16.20	30.00	1.00
CH48	5240	15.94	0.41	16.35	30.00	1.00

Test Mode: UNII-1/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.48	0.44	15.92	30.00	1.00
CH40	5200	15.82	0.44	16.26	30.00	1.00
CH48	5240	15.79	0.44	16.23	30.00	1.00

Test Mode: UNII-1/TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	12.09	1.06	13.15	30.00	1.00
CH46	5230	13.96	1.06	15.02	30.00	1.00

Test Mode: UNII-3/ TX A Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.82	0.41	16.23	30.00	1.00
CH157	5785	15.91	0.41	16.32	30.00	1.00
CH165	5825	15.68	0.41	16.09	30.00	1.00

Test Mode: UNII-3/TX N20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.46	0.44	15.90	30.00	1.00
CH157	5785	15.52	0.44	15.96	30.00	1.00
CH165	5825	15.38	0.44	15.82	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	12.17	1.06	13.23	30.00	1.00
CH159	5795	15.91	1.06	16.97	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	15.43	0.46	15.89	30.00	1.00
CH40	5200	15.43	0.46	15.89	30.00	1.00
CH48	5240	15.91	0.46	16.37	30.00	1.00

Test Mode: UNII-1/TX AC40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	12.11	0.93	13.04	30.00	1.00
CH46	5230	12.67	0.93	13.60	30.00	1.00

Test Mode: UNII-1/TX AC80 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	10.23	1.88	12.11	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.43	0.46	15.89	30.00	1.00
CH157	5785	15.58	0.46	16.04	30.00	1.00
CH165	5825	15.96	0.46	16.42	30.00	1.00

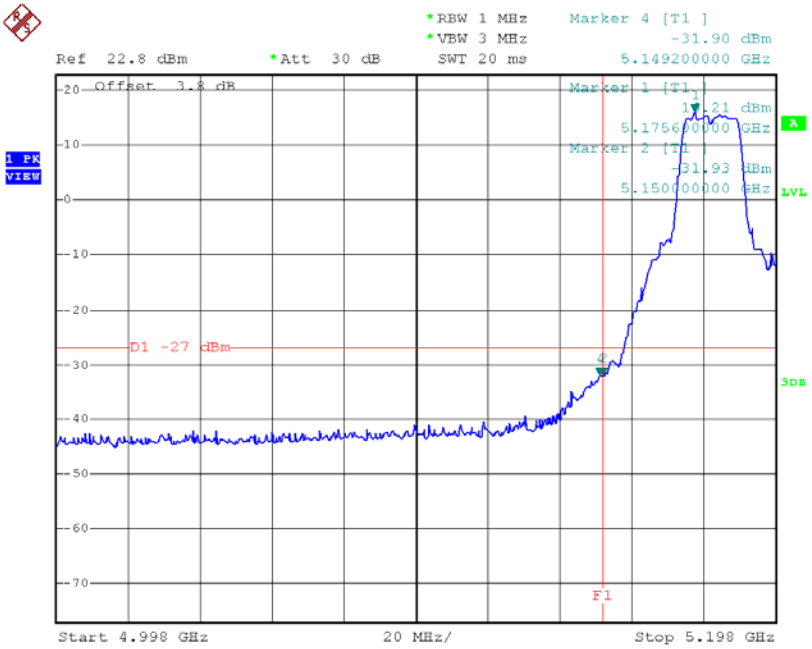
Test Mode: UNII-3/TX AC40 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	12.48	0.93	13.41	30.00	1.00
CH159	5795	15.18	0.93	16.11	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode						
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	10.62	1.88	12.50	30.00	1.00

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

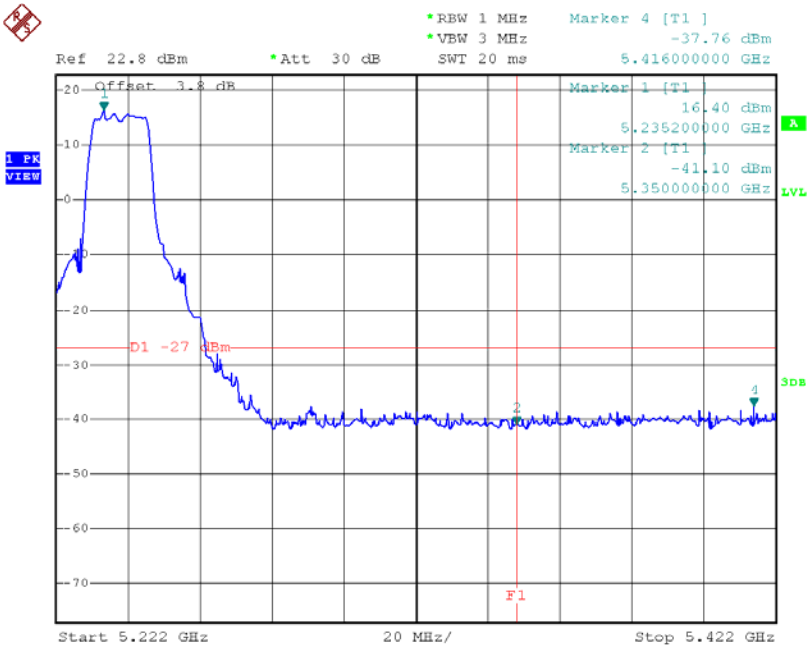
Test Mode:	UNII-1/TX A Mode

TX mode CH36



Date: 22.MAY.2015 15:01:21

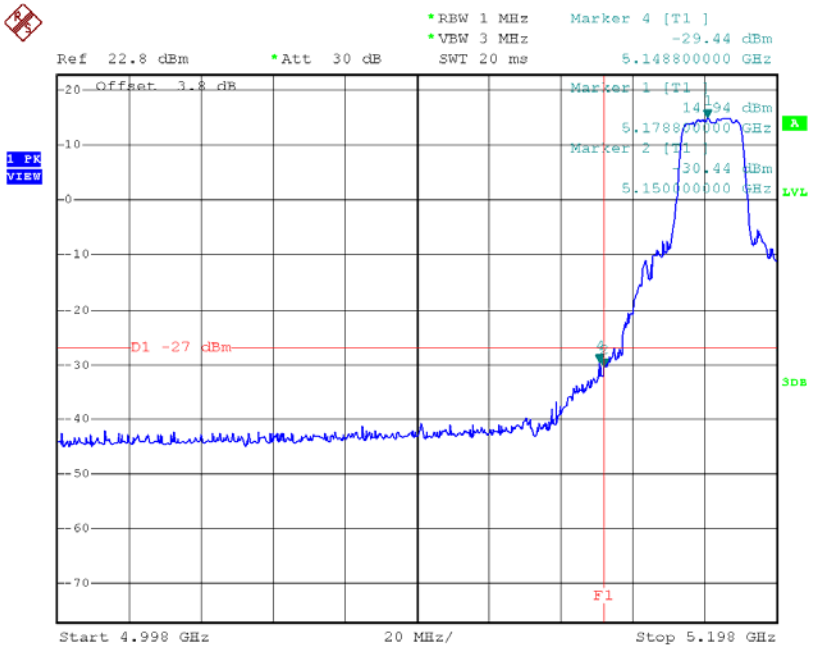
TX mode CH48



Date: 22.MAY.2015 15:09:25

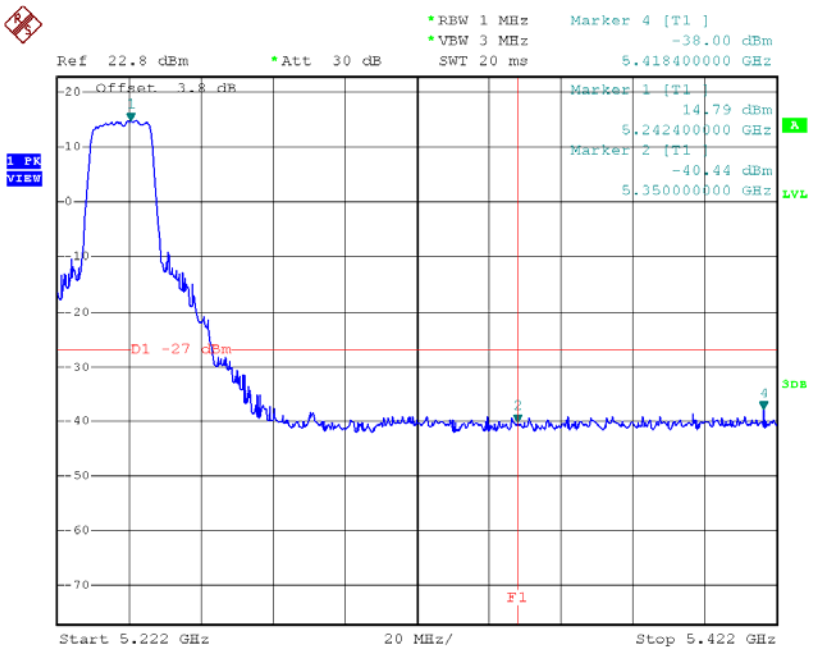
Test Mode:	UNII-1/TX N20 Mode

TX mode CH36



Date: 22.MAY.2015 15:17:27

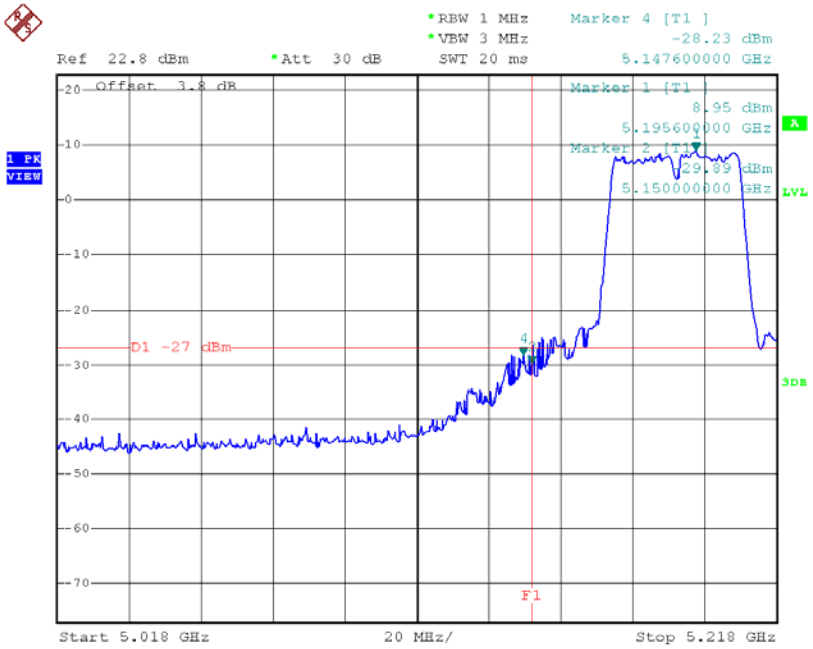
TX mode CH48



Date: 22.MAY.2015 15:19:32

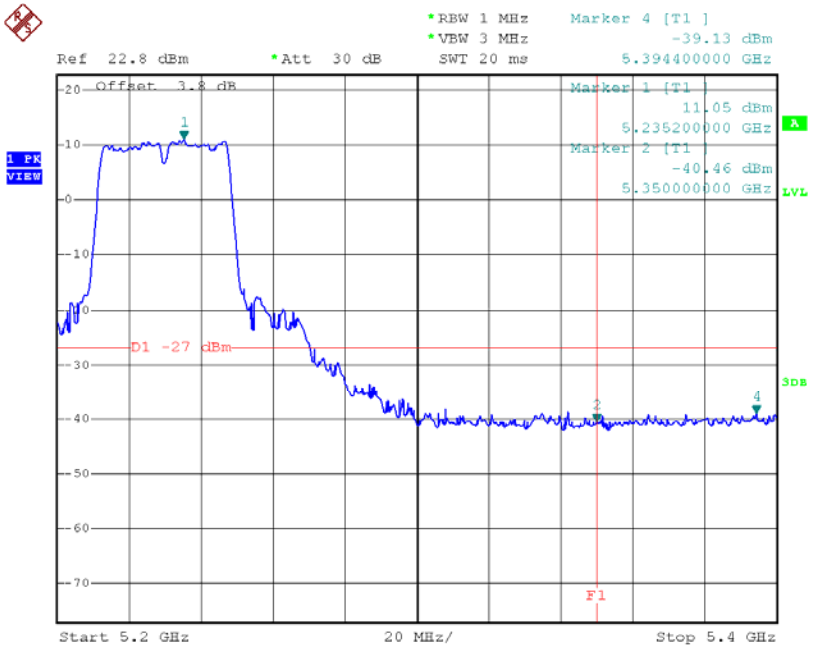
Test Mode:	UNII-1/TX N40 Mode

TX mode CH38



Date: 22.MAY.2015 15:48:42

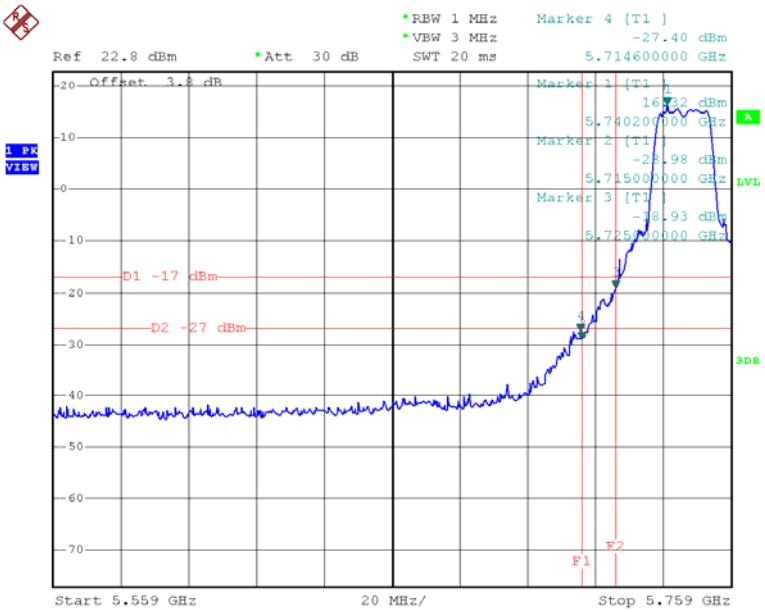
TX mode CH46



Date: 22.MAY.2015 15:49:58

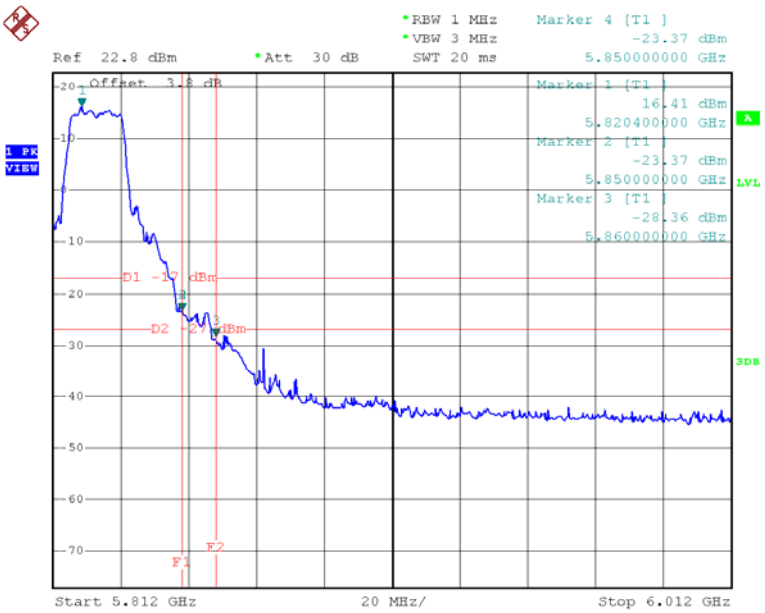
Test Mode:	UNII-3/TX A Mode

TX A Mode CH149



Date: 22.MAY.2015 15:11:57

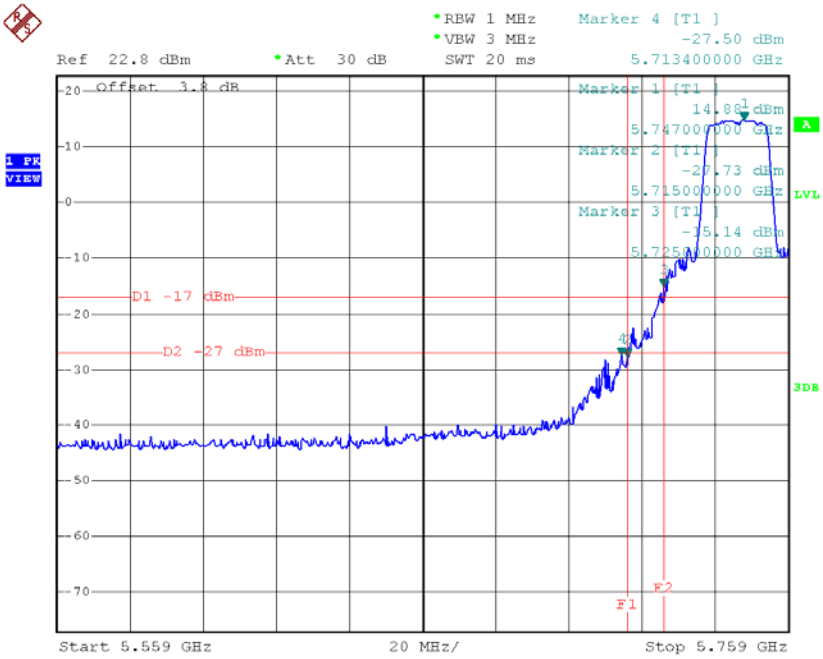
TX A Mode CH165



Date: 22.MAY.2015 15:15:10

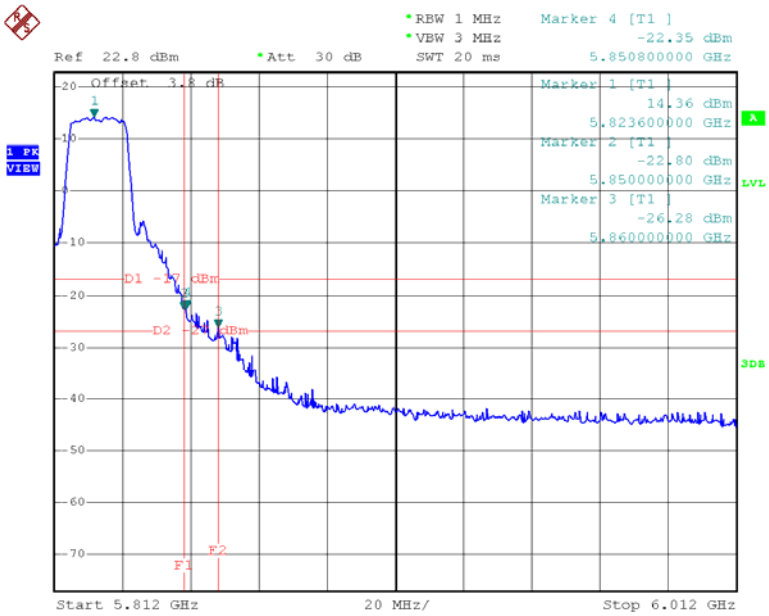
Test Mode:	UNII-3/TX N20 Mode

TX HT20 mode CH149



Date: 22.MAY.2015 15:33:45

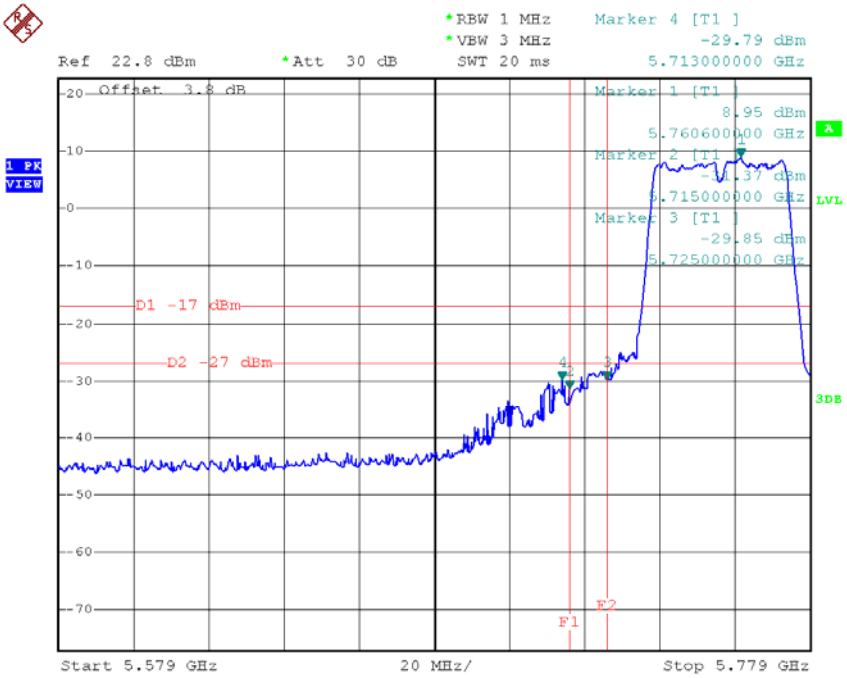
TX HT20 mode CH165



Date: 22.MAY.2015 15:37:32

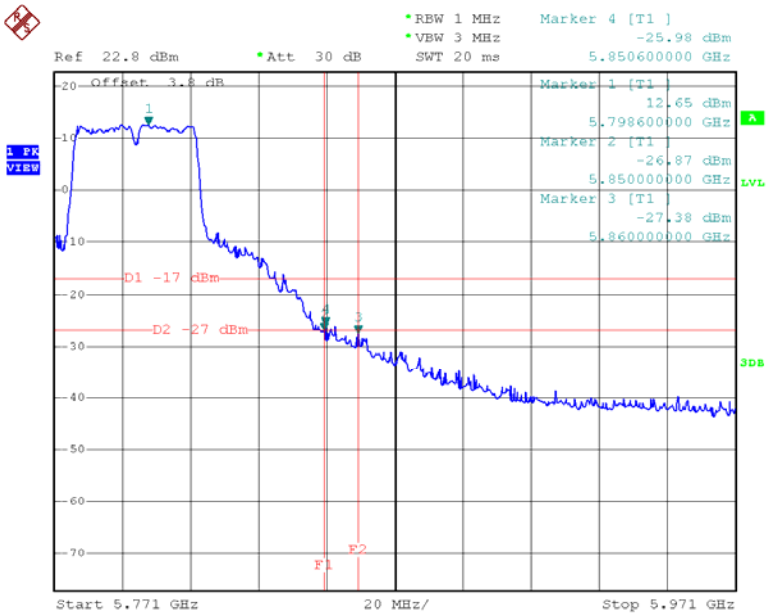
Test Mode:	UNII-3/TX N40 Mode

UNII-3/TX HT40 mode CH151



Date: 22.MAY.2015 15:52:41

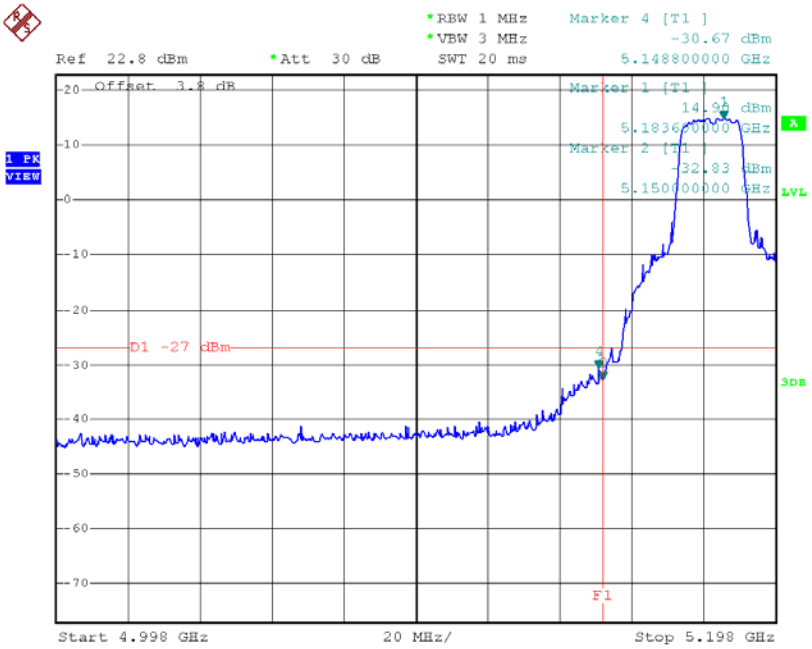
UNII-3/TX HT40 mode CH159



Date: 22.MAY.2015 15:54:00

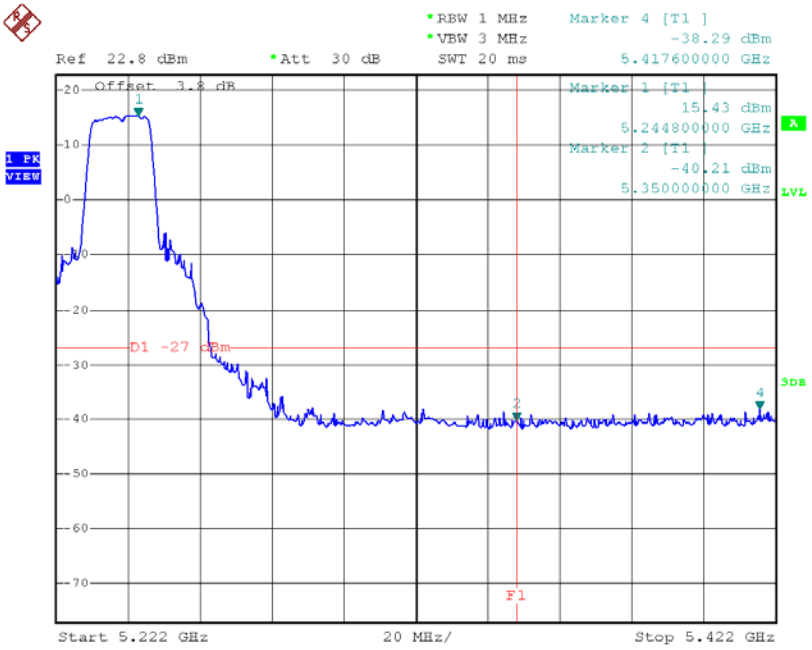
Test Mode:	UNII-1/TX AC20 Mode

TX mode CH36



Date: 22.MAY.2015 15:39:01

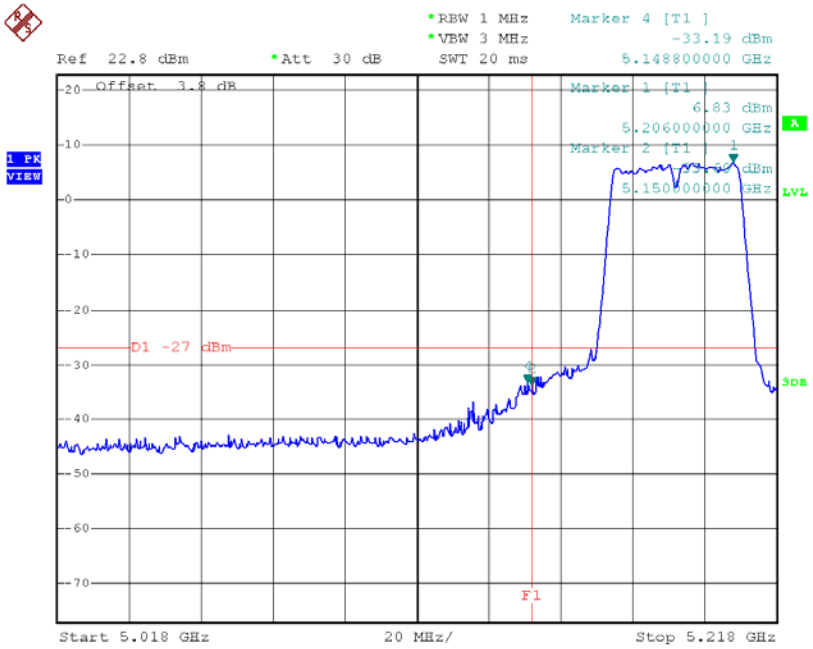
TX mode CH48



Date: 22.MAY.2015 15:40:49

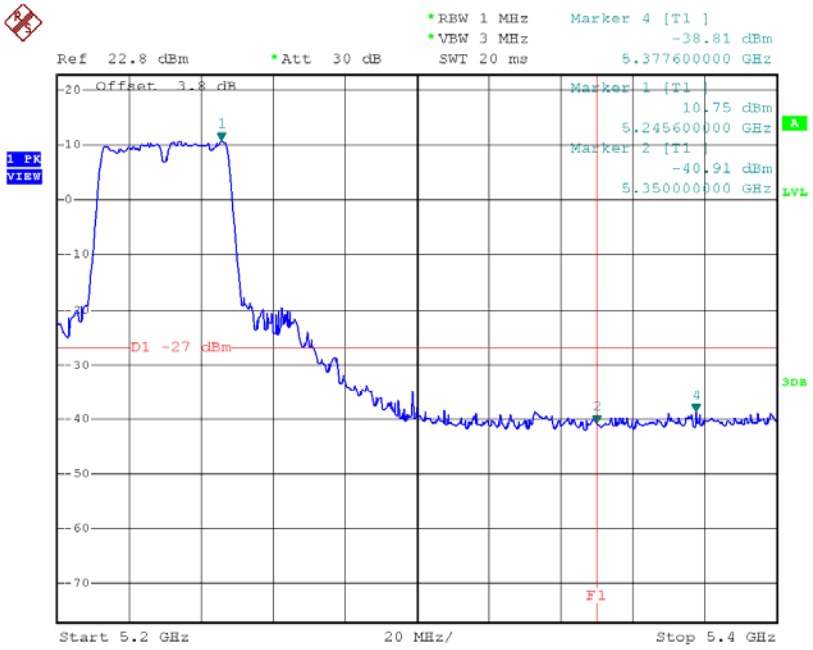
Test Mode:	UNII-1/TX AC40 Mode

TX mode CH38



Date: 22.MAY.2015 15:55:24

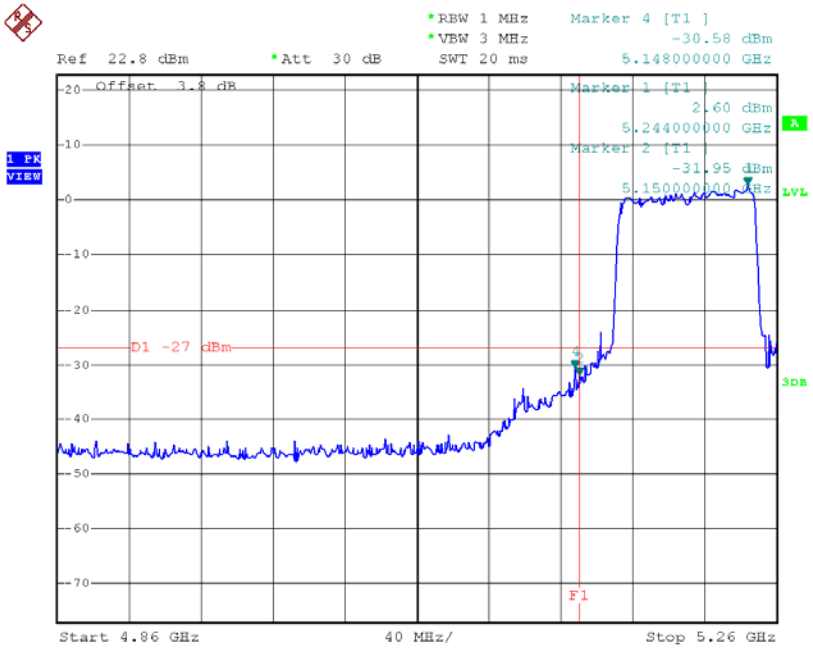
TX mode CH46



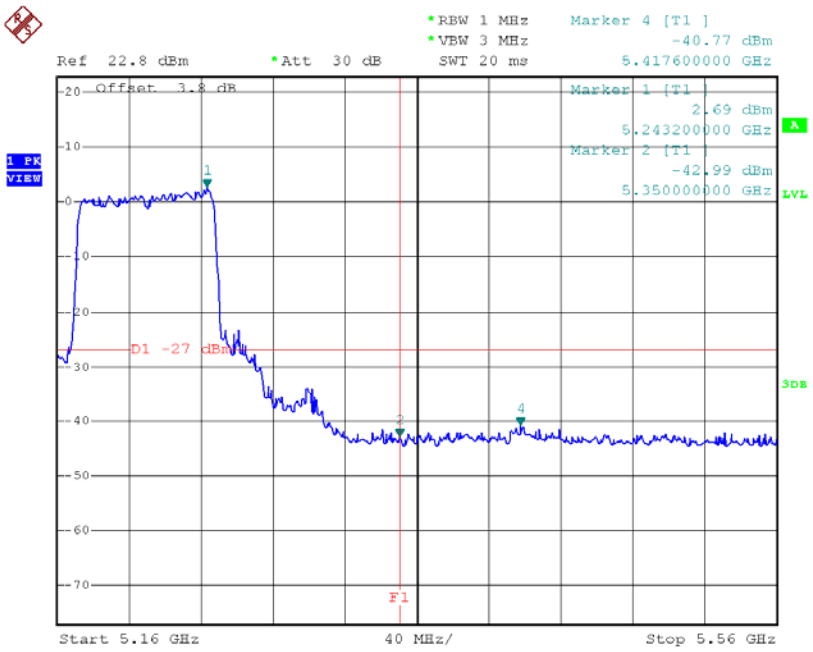
Date: 22.MAY.2015 15:56:35

Test Mode:	UNII-1/TX AC80 Mode

TX mode CH42



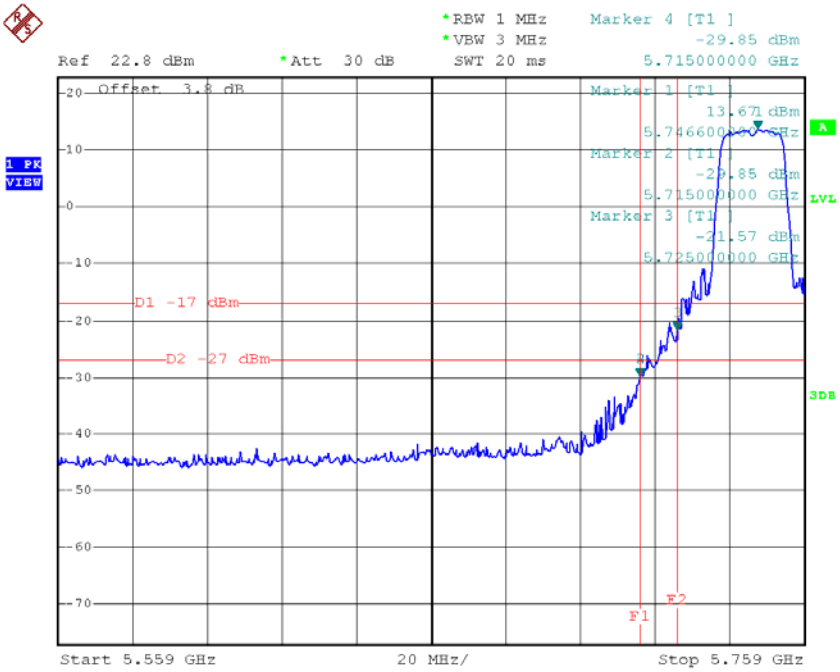
Date: 22.MAY.2015 16:02:04



Date: 22.MAY.2015 16:02:12

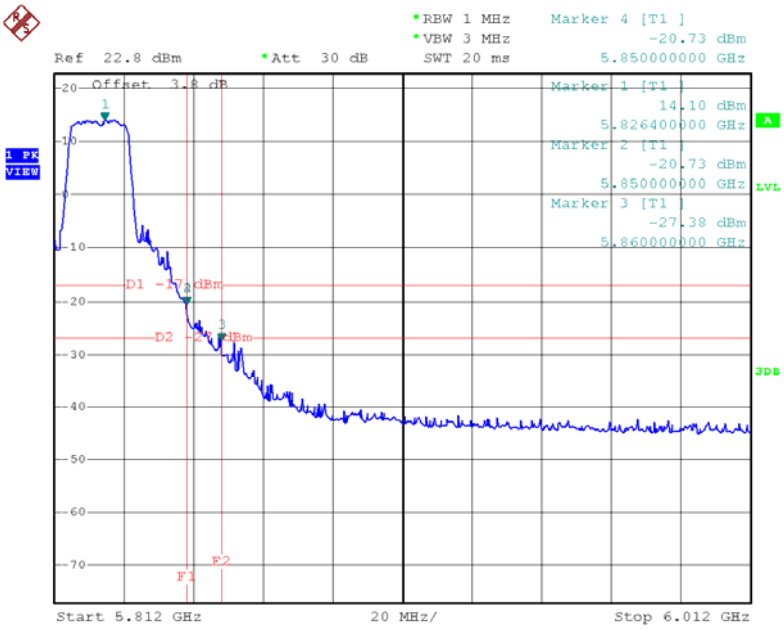
Test Mode:	UNII-3/TX AC20 Mode

TX AC HT20 mode CH149



Date: 22.MAY.2015 15:44:18

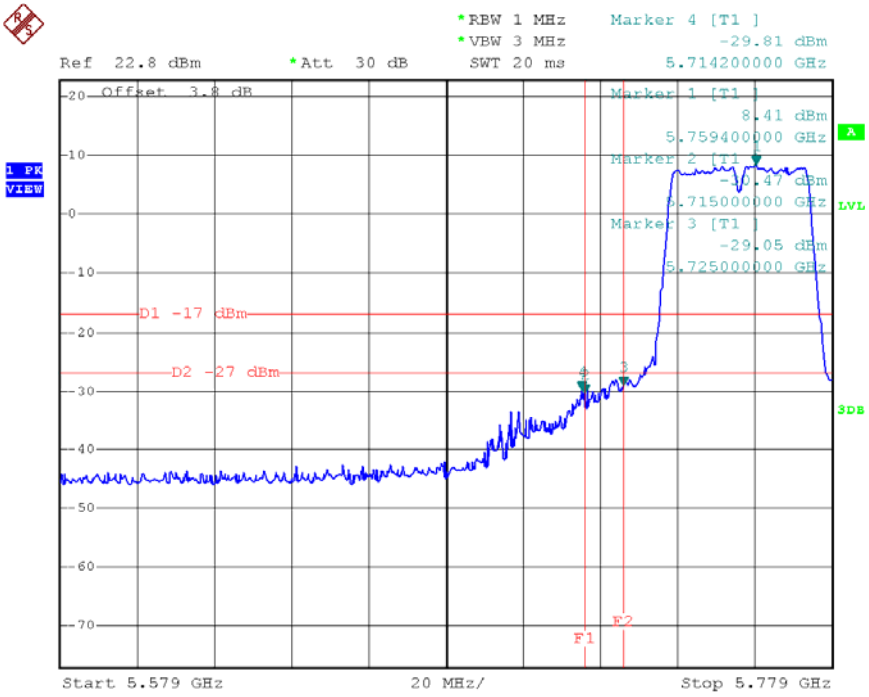
TX AC HT20 mode CH165



Date: 22.MAY.2015 15:46:16

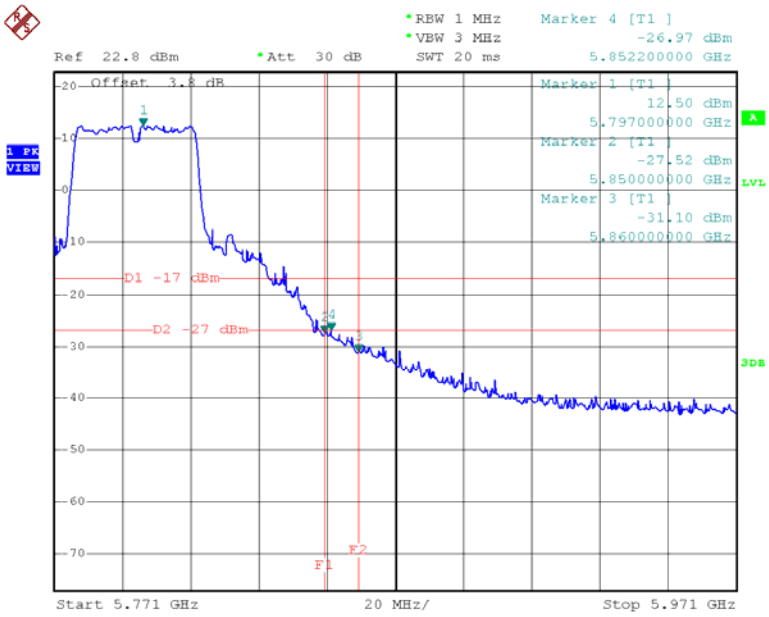
Test Mode:	UNII-3/TX AC40 Mode

TX AC HT40 mode CH151



Date: 22.MAY.2015 15:59:25

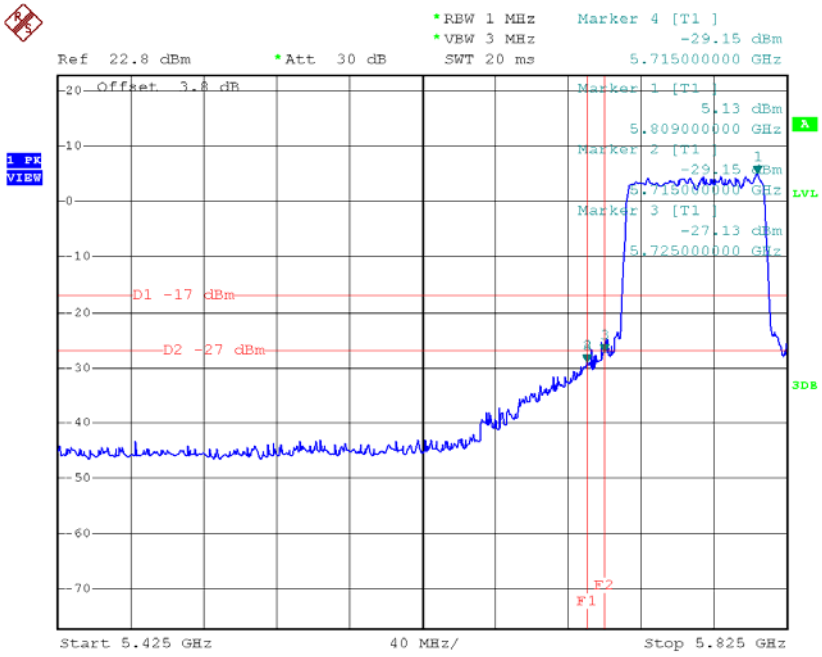
TX AC HT40 mode CH159



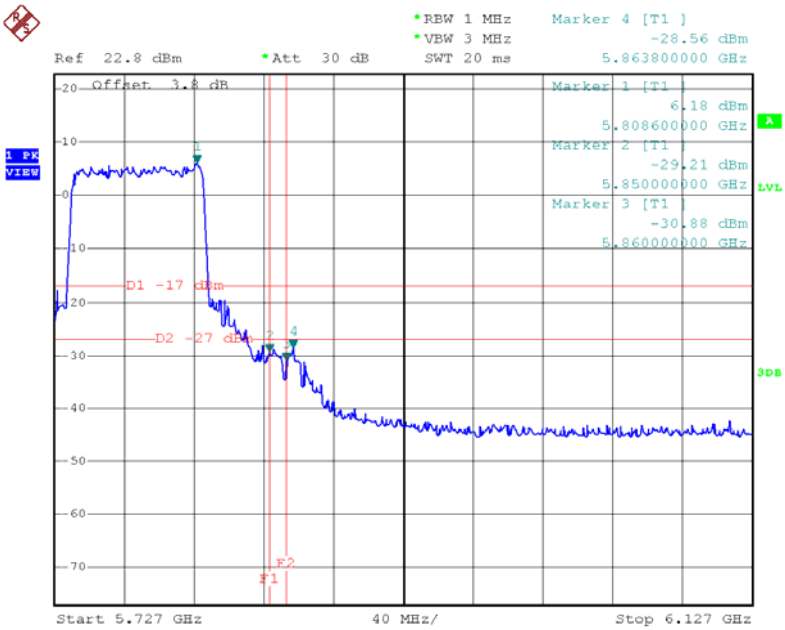
Date: 22.MAY.2015 16:00:25

Test Mode:	UNII-3/TX AC80 Mode

TX AC HT80 mode CH155



Date: 22.MAY.2015 16:34:28



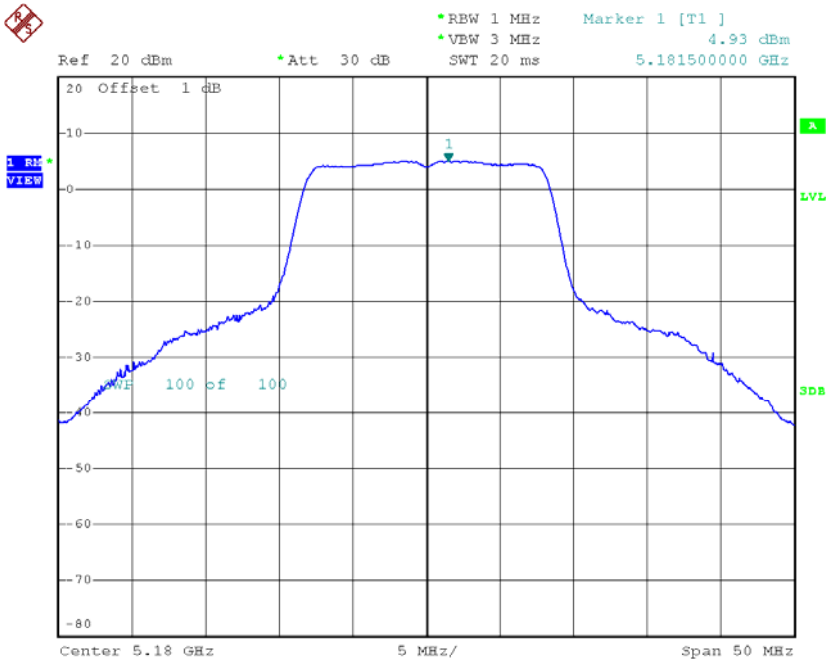
Date: 22.MAY.2015 16:03:52

ATTACHMENT H - POWER SPECTRAL DENSITY

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

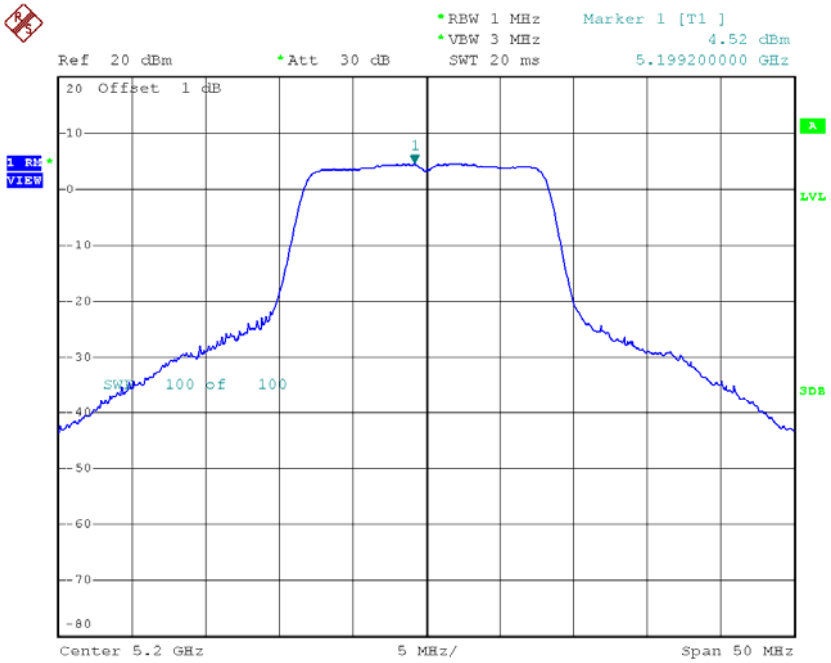
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	4.93	0.41	5.34	17.00
CH40	5200	4.52	0.41	4.93	17.00
CH48	5240	5.14	0.41	5.55	17.00

CH36



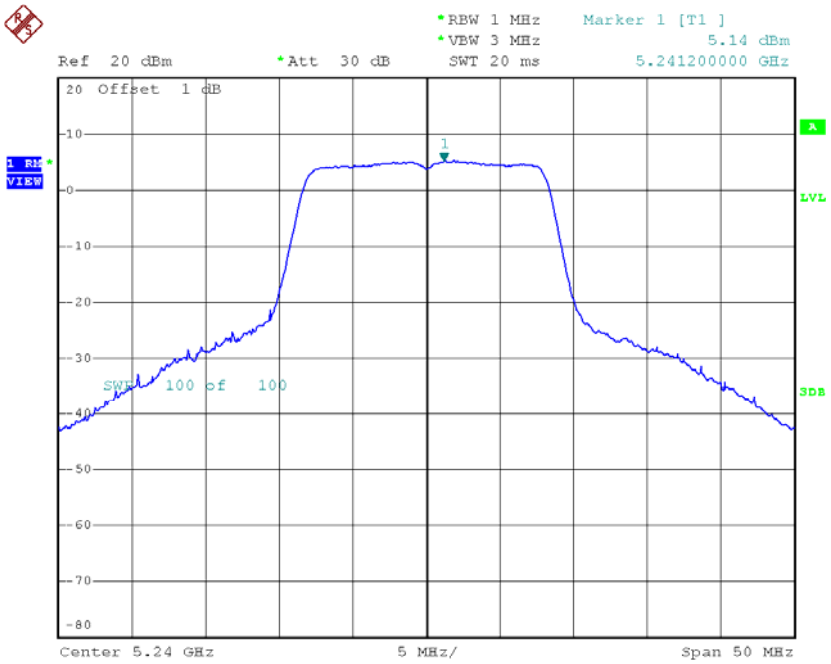
Date: 22.MAY.2015 15:01:13

CH40



Date: 22.MAY.2015 15:08:00

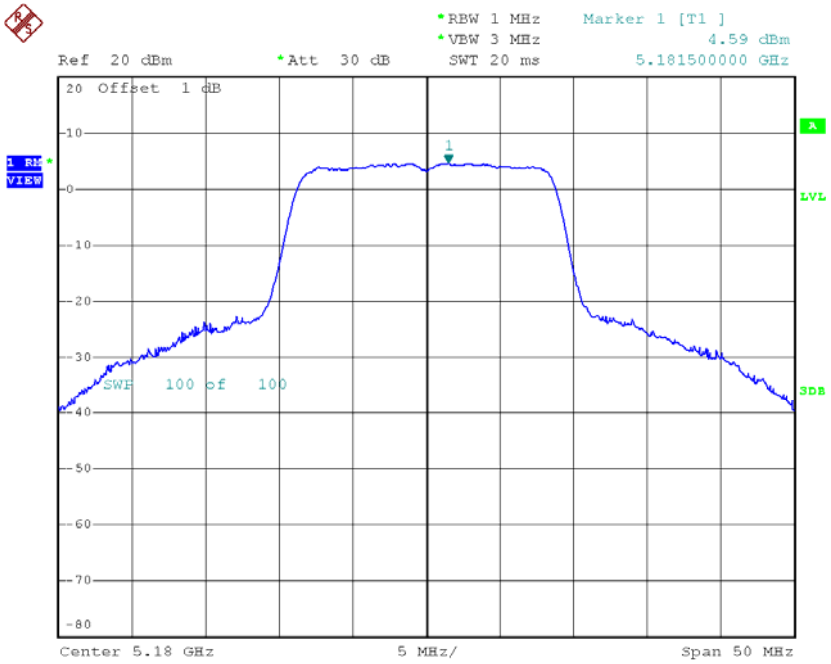
CH48



Date: 22.MAY.2015 15:09:17

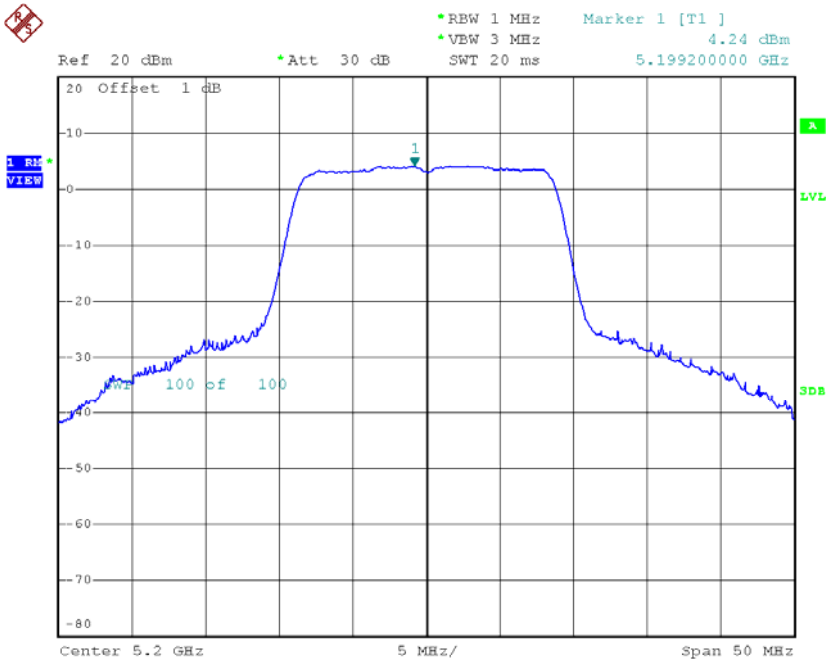
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	4.59	0.44	5.03	17.00
CH40	5200	4.24	0.44	4.68	17.00
CH48	5240	4.36	0.44	4.80	17.00

CH36



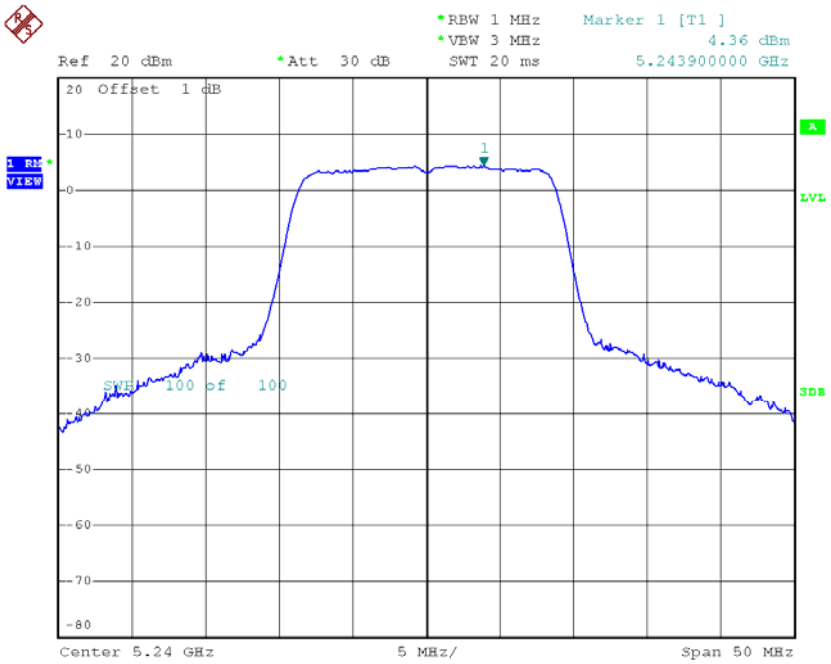
Date: 22.MAY.2015 15:17:20

CH40



Date: 22.MAY.2015 15:18:38

CH48

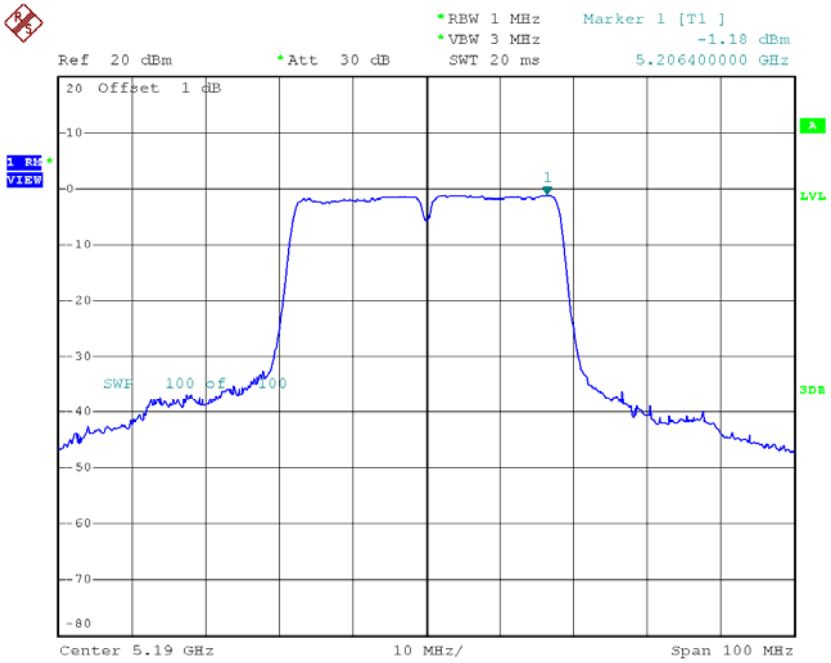


Date: 22.MAY.2015 15:19:24

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

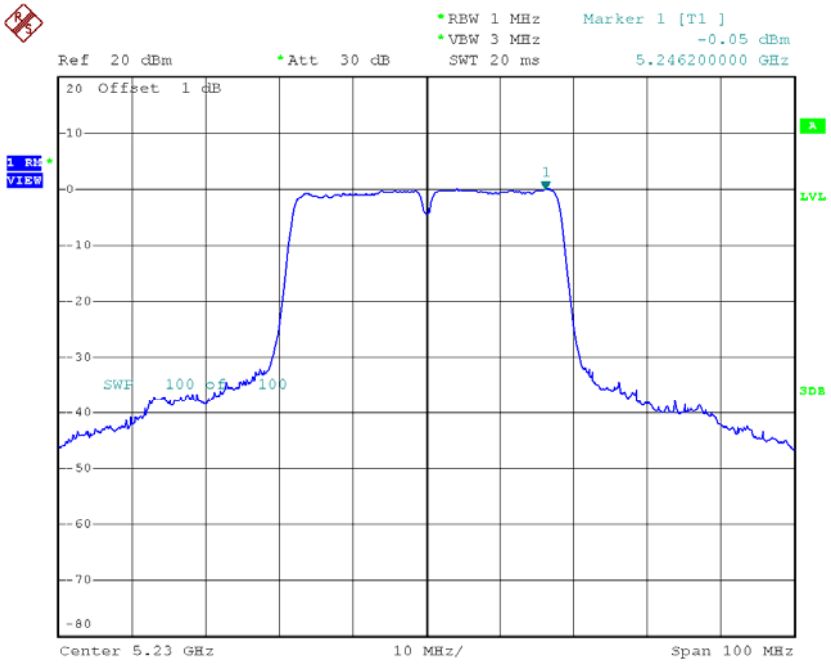
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-1.18	1.06	-0.12	17.00
CH46	5230	-0.05	1.06	1.01	17.00

CH38



Date: 22.MAY.2015 15:48:09

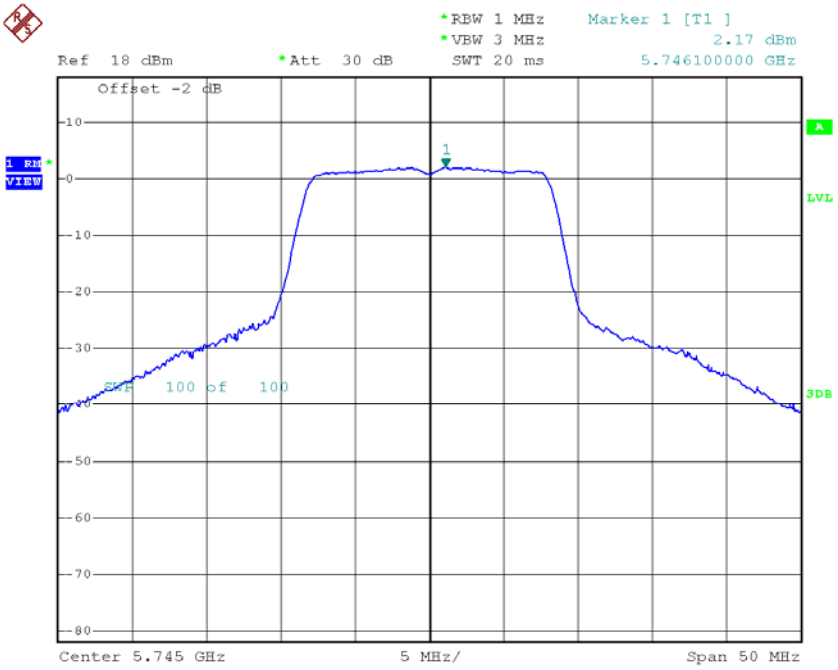
CH46



Date: 22.MAY.2015 15:49:50

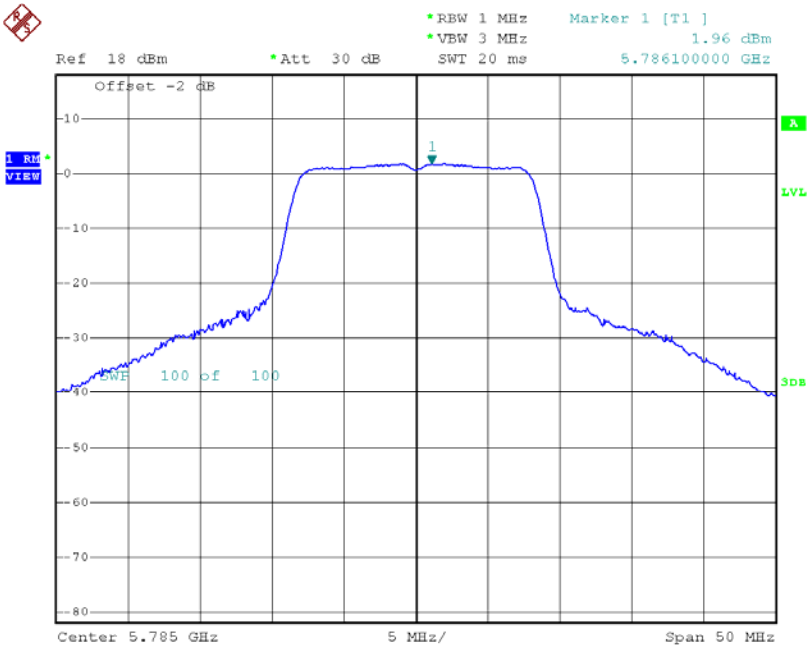
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	2.17	0.41	2.58	30.00
CH157	5785	1.96	0.41	2.37	30.00
CH165	5825	2.06	0.41	2.47	30.00

TX CH149



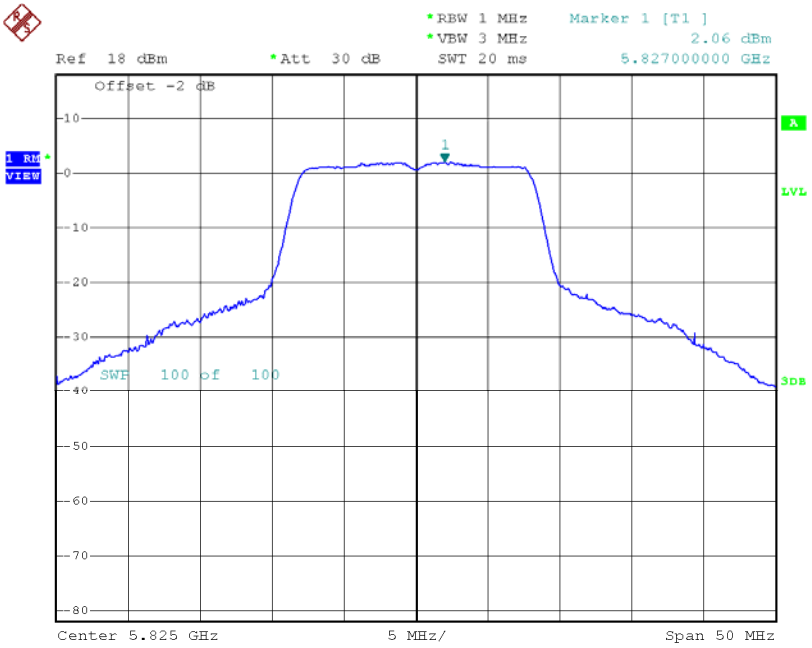
Date: 22.MAY.2015 15:11:49

TX CH157



Date: 22.MAY.2015 15:13:36

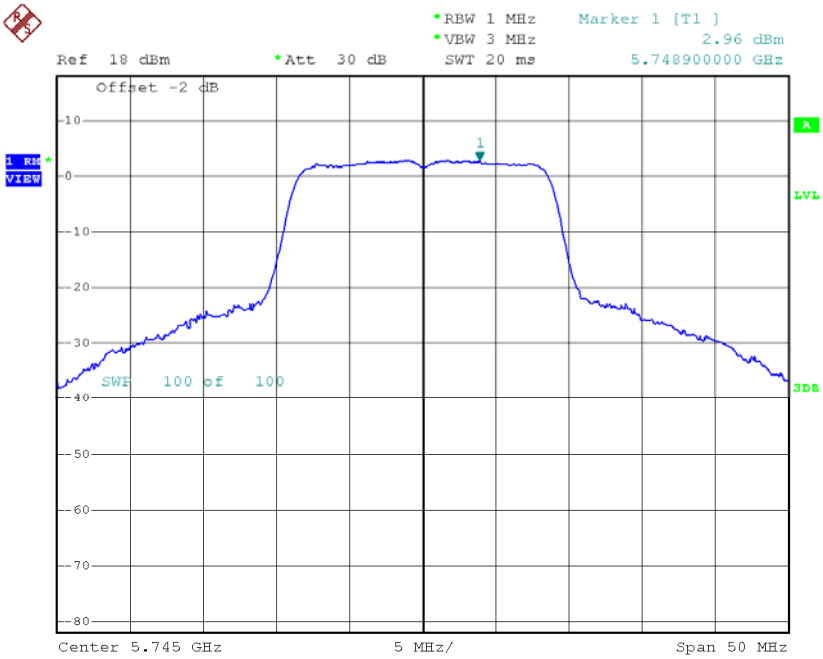
TX CH165



Date: 22.MAY.2015 15:15:02

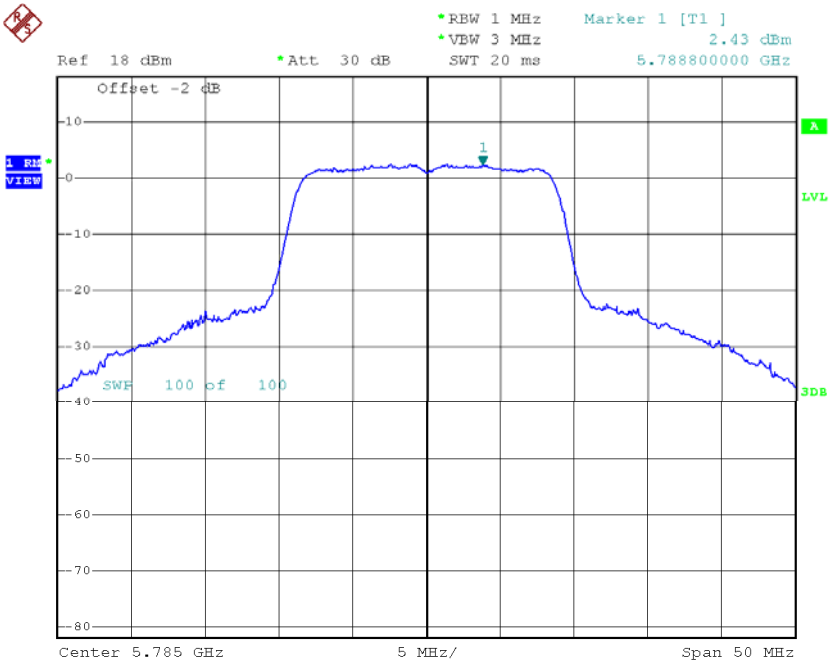
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	2.96	0.44	3.40	30.00
CH157	5785	2.43	0.44	2.87	30.00
CH165	5825	3.32	0.44	3.76	30.00

TX CH149



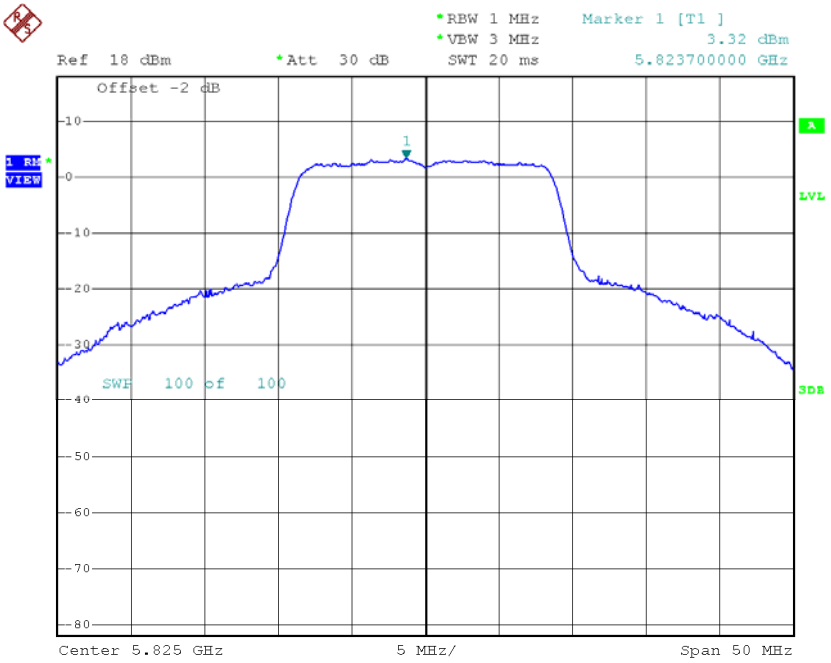
Date: 22.MAY.2015 15:32:58

TX CH157



Date: 22.MAY.2015 15:35:12

TX CH165

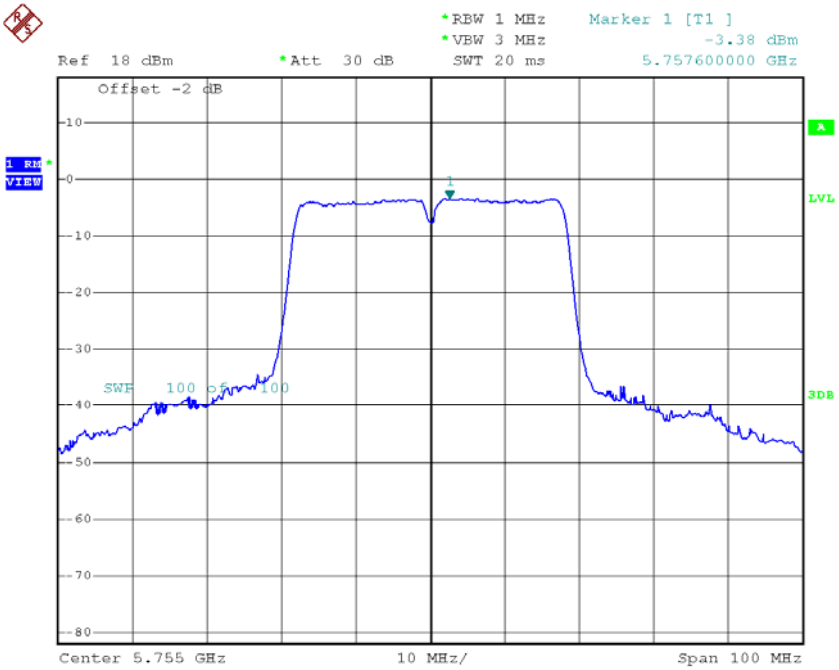


Date: 22.MAY.2015 15:36:06

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

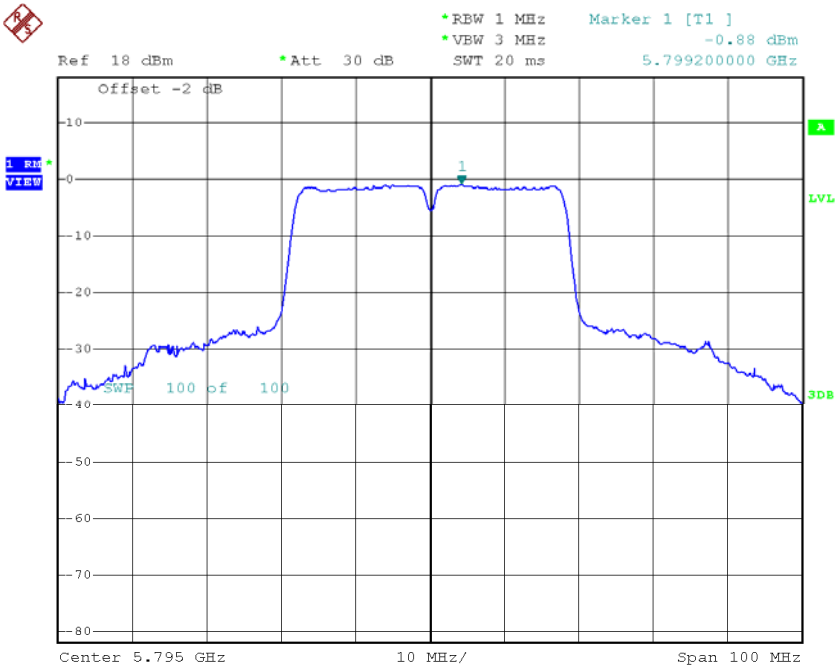
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-3.38	1.06	-2.32	30.00
CH159	5795	-0.88	1.06	0.18	30.00

TX CH151



Date: 22.MAY.2015 15:51:39

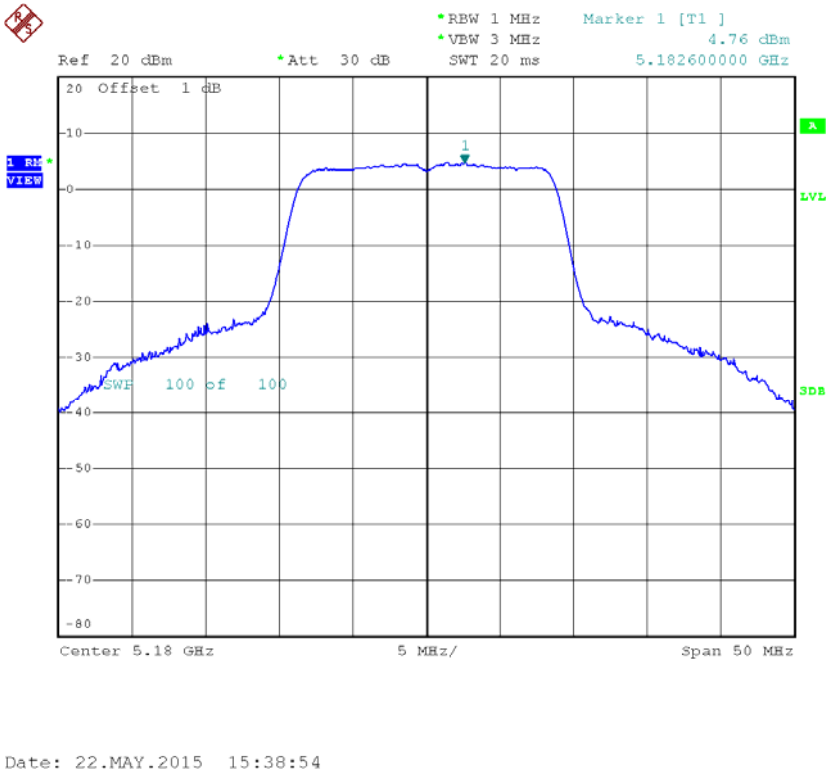
TX CH159



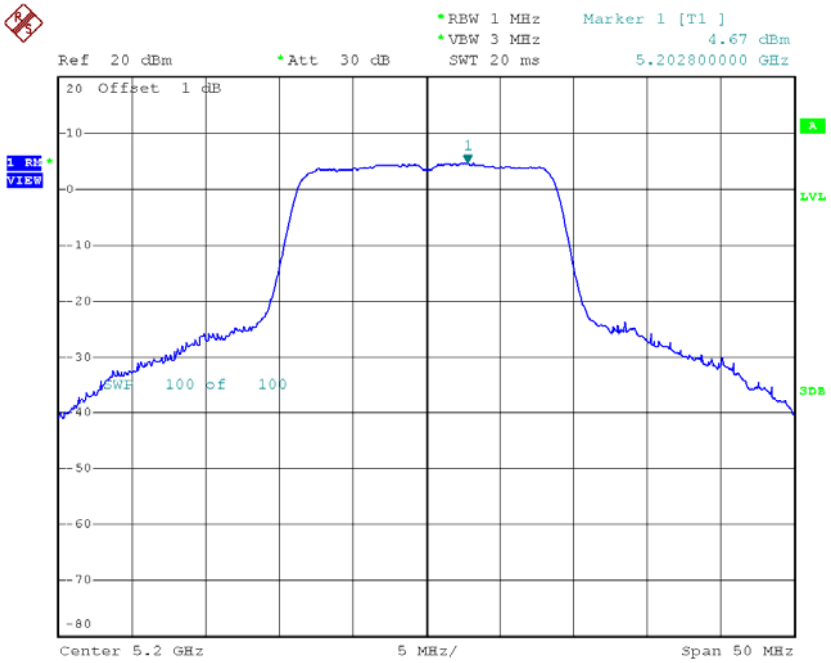
Date: 22.MAY.2015 15:53:52

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	4.76	0.46	5.22	17.00
CH40	5200	4.67	0.46	5.13	17.00
CH48	5240	5.20	0.46	5.66	17.00

CH36

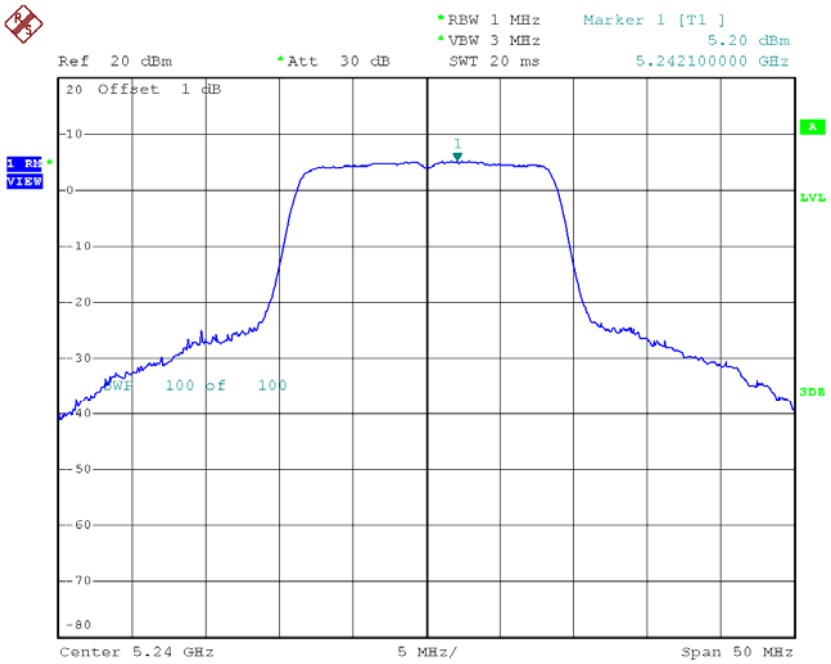


CH40



Date: 22.MAY.2015 15:40:00

CH48

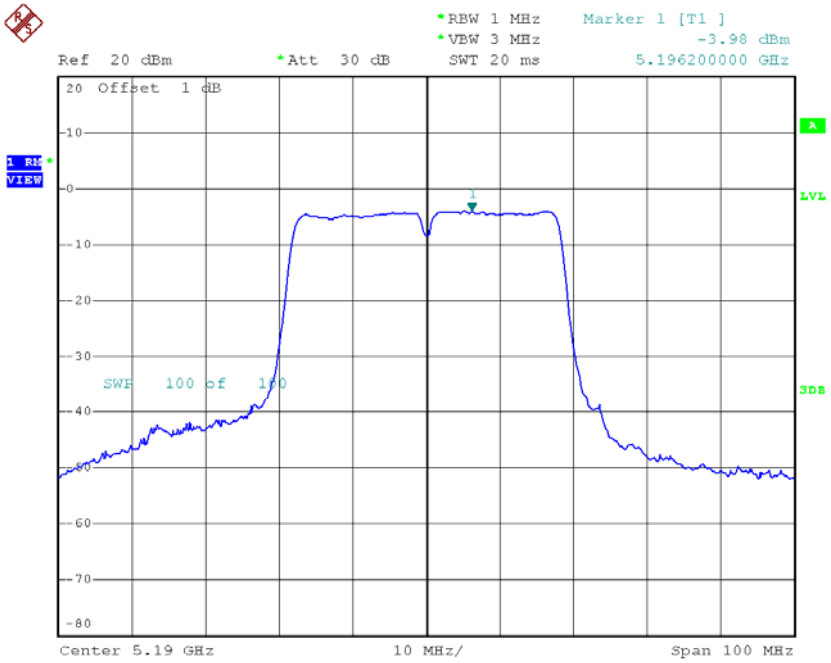


Date: 22.MAY.2015 15:40:41

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

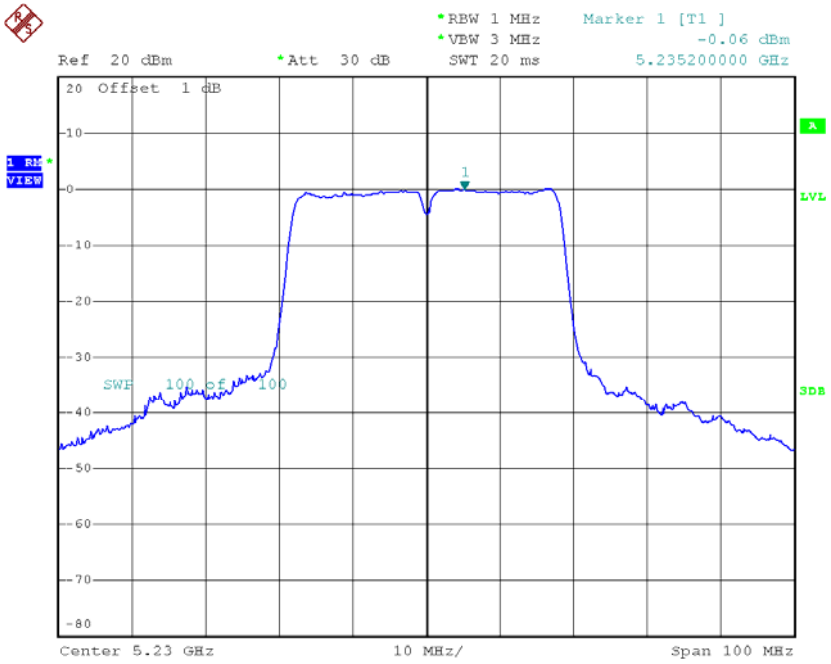
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-3.98	0.93	-3.05	17.00
CH46	5230	-0.06	0.93	0.87	17.00

CH38



Date: 22.MAY.2015 15:55:16

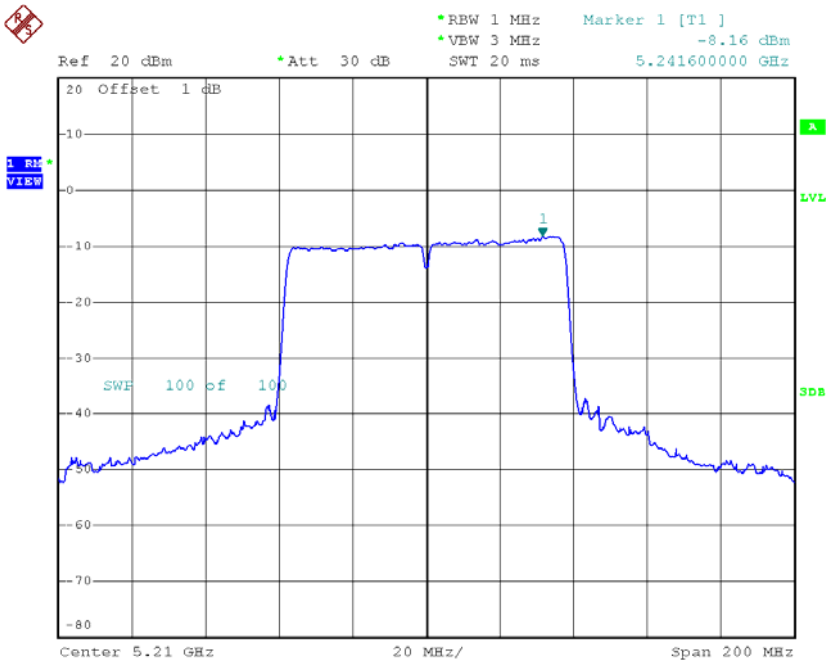
CH46



Date: 22.MAY.2015 15:56:28

Test Mode: UNII-1/TX AC80 Mode_CH42					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-8.16	1.88	-6.28	17.00

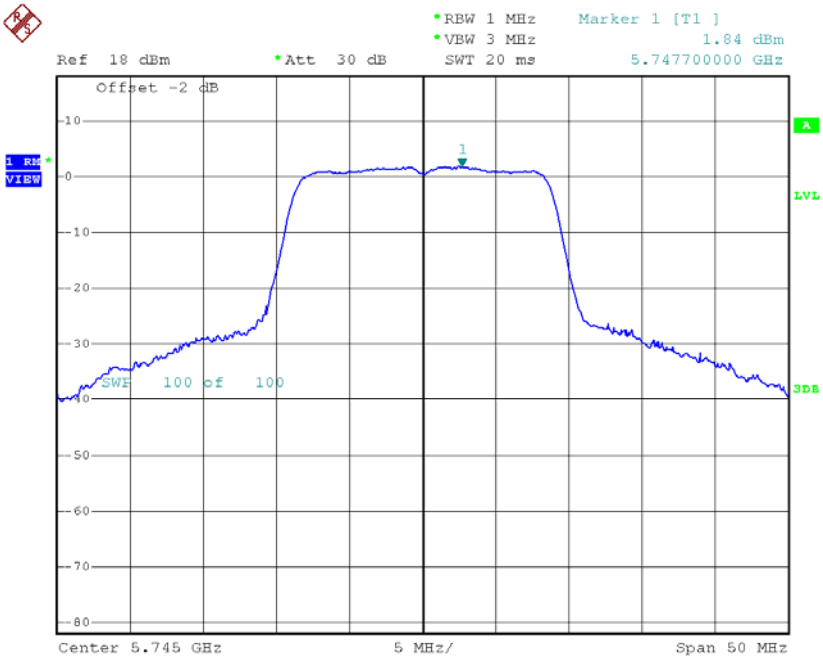
CH42



Date: 22.MAY.2015 16:01:46

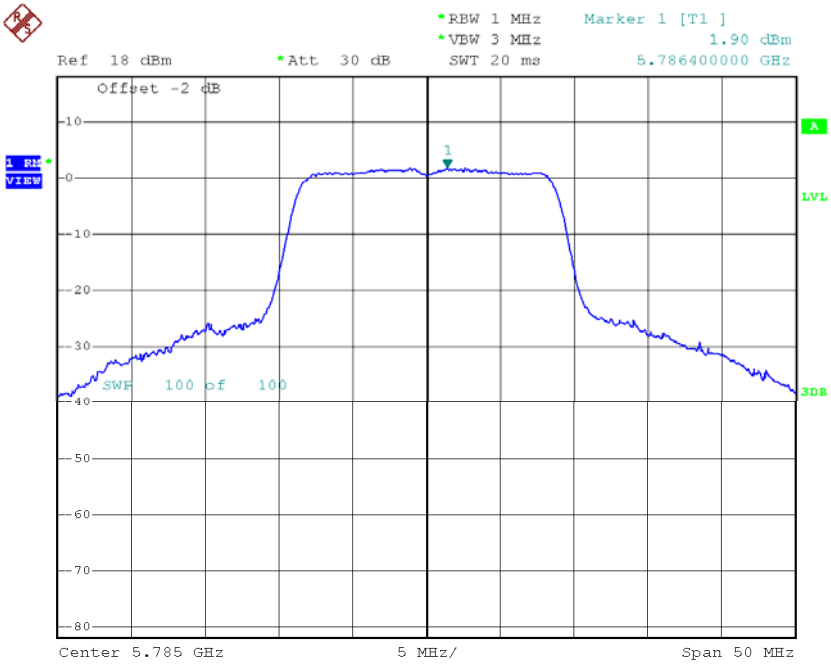
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	1.84	0.46	2.30	30.00
CH157	5785	1.90	0.46	2.36	30.00
CH165	5825	1.72	0.46	2.18	30.00

TX CH149



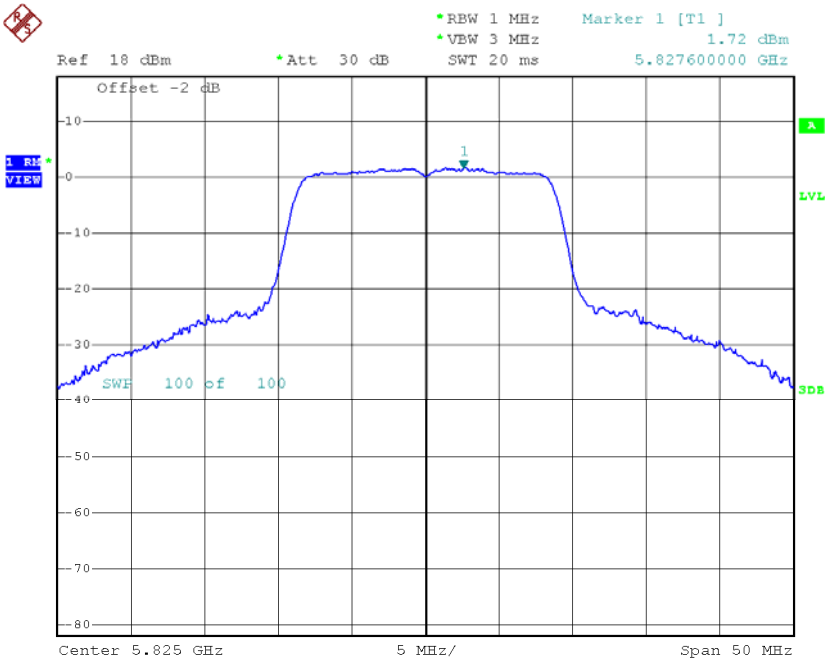
Date: 22.MAY.2015 15:42:34

TX CH157



Date: 22.MAY.2015 15:44:59

TX CH165

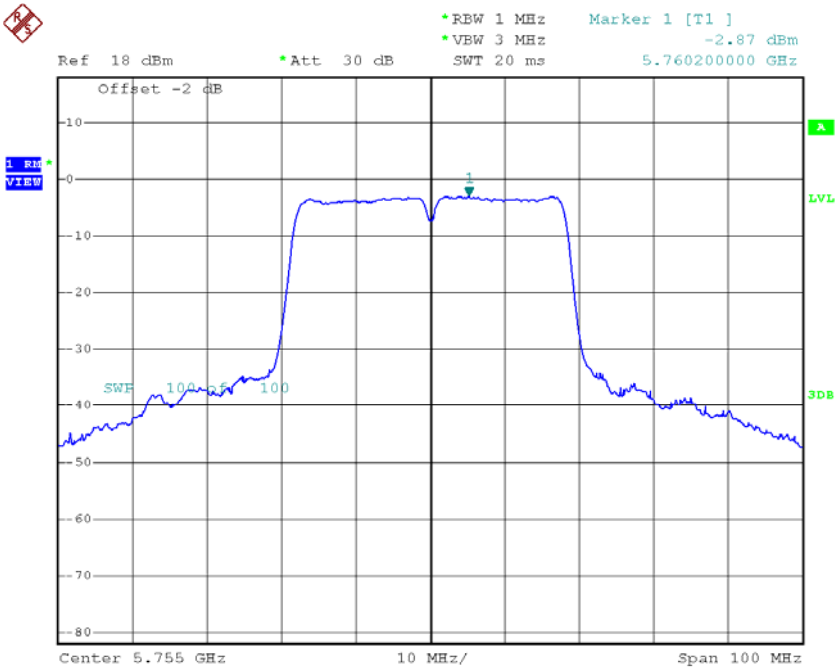


Date: 22.MAY.2015 15:45:44

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

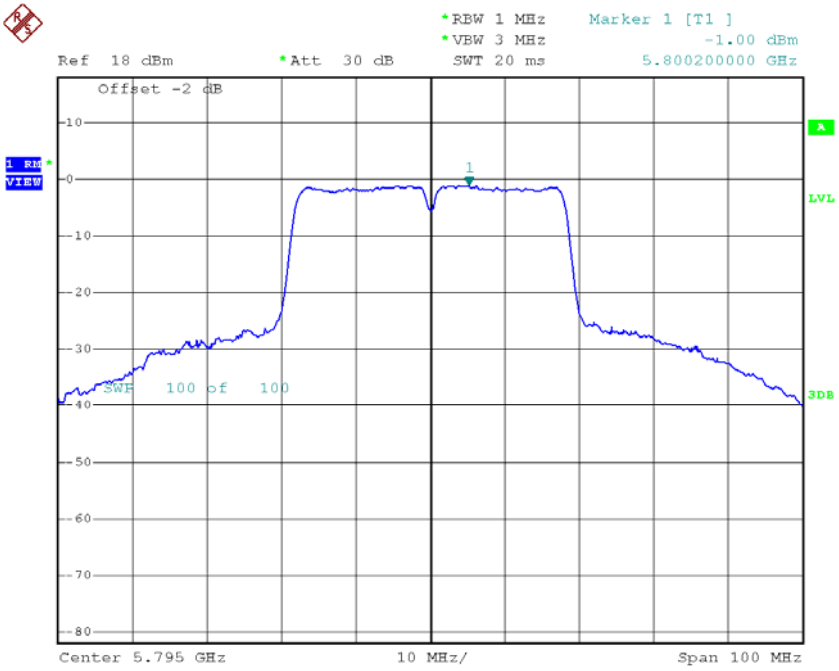
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-2.87	0.93	-1.94	30.00
CH159	5795	-1.00	0.93	-0.07	30.00

TX CH151



Date: 22.MAY.2015 15:58:16

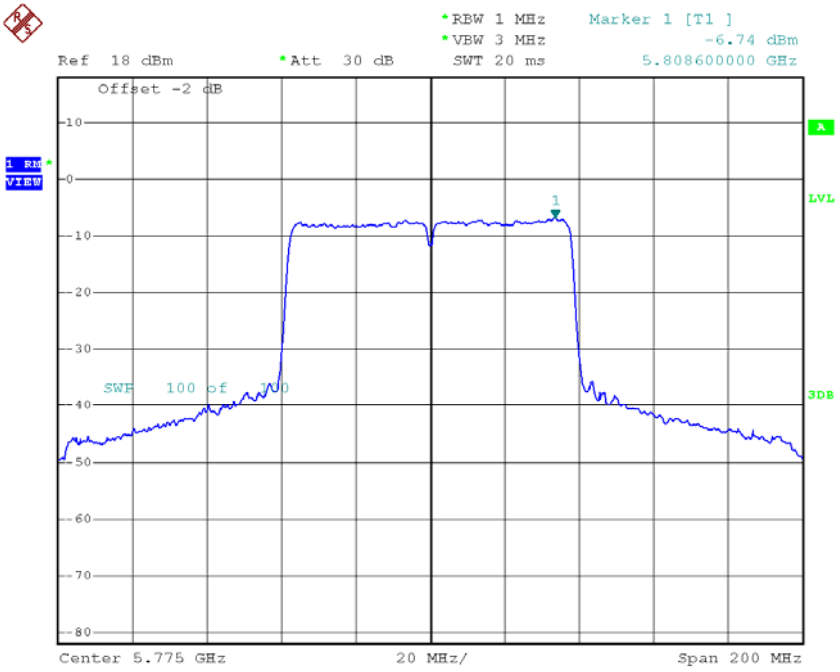
TX CH159



Date: 22.MAY.2015 16:00:17

Test Mode: UNII-3/ TX AC80 Mode_CH155					
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH155	5775	-6.74	1.88	-4.86	30.00

TX CH155



Date: 22.MAY.2015 16:03:06

ATTACHMENT I - FREQUENCY STABILITY

Test Mode:	UNII-1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0040
120	5180.0060
108	5180.0010
Max. Deviation (MHz)	0.0060
Max. Deviation (ppm)	1.1583

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5180.0000
0	5180.0010
10	5180.0040
15	5180.0070
20	5180.0050
25	5179.9950
30	5179.9910
40	5180.0060
Max. Deviation (MHz)	0.0090
Max. Deviation (ppm)	1.7375

Test Mode:	UNII-3

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5744.9968
120	5745.0020
108	5745.0080
Max. Deviation (MHz)	0.0080
Max. Deviation (ppm)	1.3925

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(℃)	5745.0000
0	5745.0060
10	5745.0010
15	5744.9940
20	5744.9910
25	5745.0030
30	5745.0040
40	5744.9930
Max. Deviation (MHz)	0.0090
Max. Deviation (ppm)	1.5666