


# FCC Radio Test Report


## FCC ID: ACJ-SU-C500

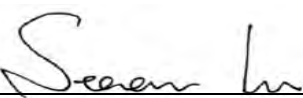
This report concerns (check one):  Original Grant  Class II Change

**Project No.** : 1508C256A  
**Equipment** : CD STEREO SYSTEM  
**Model Name** : SU-C500  
**Applicant** : Panasonic Corporation of North America  
**Address** : Two Riverfront Plaza, 9<sup>th</sup> Floor Newark New Jersey  
United States 07102-5490

**Date of Receipt** : Sep. 23, 2015  
**Date of Test** : Sep. 23, 2015 ~ Oct. 22, 2015  
**Issued Date** : Oct. 23, 2015  
**Tested by** : BTL Inc.

**Testing Engineer** :   
(Niklaus Lai)

**Technical Manager** :   
(David Mao)

**Authorized Signatory** :   
(Steven Lu)

# **B T L I N C .**

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan,  
Guangdong, China.

TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

### **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.**

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

**BTL's** reports must not be used by the client to claim product endorsement by the authorities or any agency of the Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **BTL-self**, extracts from the test report shall not be reproduced except in full with **BTL's** authorized written approval.

**BTL's** laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

### **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.

<b>Table of Contents</b>	<b>Page</b>
<b>1 . CERTIFICATION</b>	<b>7</b>
<b>2 . SUMMARY OF TEST RESULTS</b>	<b>8</b>
2.1 TEST FACILITY	9
2.2 MEASUREMENT UNCERTAINTY	9
<b>3 . GENERAL INFORMATION</b>	<b>10</b>
3.1 GENERAL DESCRIPTION OF EUT	10
3.2 DESCRIPTION OF TEST MODES	12
3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING	13
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	15
3.5 DESCRIPTION OF SUPPORT UNITS	15
<b>4 . EMC EMISSION TEST</b>	<b>16</b>
4.1 CONDUCTED EMISSION MEASUREMENT	16
4.1.1 POWER LINE CONDUCTED EMISSION	16
4.1.2 TEST PROCEDURE	16
4.1.3 DEVIATION FROM TEST STANDARD	16
4.1.4 TEST SETUP	17
4.1.5 EUT OPERATING CONDITIONS	17
4.1.6 EUT TEST CONDITIONS	17
4.1.7 TEST RESULTS	17
4.2 RADIATED EMISSION MEASUREMENT	18
4.2.1 RADIATED EMISSION LIMITS	18
4.2.2 TEST PROCEDURE	19
4.2.3 DEVIATION FROM TEST STANDARD	19
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 (BETWEEN 30 TO 1000 MHz)	22
4.2.9 TEST RESULTS (ABOVE 1000 MHz)	22
<b>5 . BANDWIDTH</b>	<b>23</b>
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	23
5.1.6 TEST RESULTS	23
<b>6 . MAXIMUM CONDUCTED OUTPUT POWER</b>	<b>24</b>

<b>Table of Contents</b>	<b>Page</b>
<b>6.1 APPLIED PROCEDURES / LIMIT</b>	<b>24</b>
6.1.1 TEST PROCEDURE	24
6.1.2 DEVIATION FROM STANDARD	25
6.1.3 TEST SETUP	25
6.1.4 EUT OPERATION CONDITIONS	25
6.1.5 EUT TEST CONDITIONS	25
6.1.6 TEST RESULTS	25
<b>7 . ANTENNA CONDUCTED SPURIOUS EMISSION</b>	<b>26</b>
7.1 APPLIED PROCEDURES / LIMIT	26
7.1.1 TEST PROCEDURE	26
7.1.2 DEVIATION FROM STANDARD	26
7.1.3 TEST SETUP	26
7.1.4 EUT OPERATION CONDITIONS	26
7.1.5 EUT TEST CONDITIONS	26
7.1.6 TEST RESULTS	26
<b>8 . POWER SPECTRAL DENSITY TEST</b>	<b>27</b>
8.1 APPLIED PROCEDURES / LIMIT	27
8.1.1 TEST PROCEDURE	27
8.1.1 DEVIATION FROM STANDARD	28
8.1.2 TEST SETUP	28
8.1.3 EUT OPERATION CONDITIONS	28
8.1.4 EUT TEST CONDITIONS	28
8.1.5 TEST RESULTS	28
<b>9 . FREQUENCY STABILITY MEASUREMENT</b>	<b>29</b>
9.1 APPLIED PROCEDURES / LIMIT	29
9.1.1 TEST PROCEDURE	29
9.1.2 DEVIATION FROM STANDARD	29
9.1.3 TEST SETUP	30
9.1.4 EUT OPERATION CONDITIONS	30
9.1.5 EUT TEST CONDITIONS	30
9.1.6 TEST RESULTS	30
<b>10 . MEASUREMENT INSTRUMENTS LIST</b>	<b>31</b>
<b>11 . EUT TEST PHOTOS</b>	<b>33</b>
<b>ATTACHMENT A - CONDUCTED EMISSION</b>	<b>37</b>
<b>ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)</b>	<b>40</b>
<b>ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)</b>	<b>42</b>
<b>ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)</b>	<b>67</b>
<b>ATTACHMENT E - BANDWIDTH</b>	<b>202</b>

**Table of Contents**

**Page**

<b>ATTACHMENT F - MAXIMUM OUTPUT POWER</b>	<b>227</b>
<b>ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION</b>	<b>234</b>
<b>ATTACHMENT H - POWER SPECTRAL DENSITY</b>	<b>247</b>
<b>ATTACHMENT I - FREQUENCY STABILITY</b>	<b>272</b>

### REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-3-1508C256A	Original Issue.	Oct. 23, 2015

## 1. CERTIFICATION

Equipment : CD STEREO SYSTEM  
Brand Name : Technics  
Model Name : SU-C500  
Applicant : Panasonic Corporation of North America  
Manufacturer : Panasonic  
Address : 1-15 Matsuo-cho, Kadoma City, Osaka 571-8504, Japan  
Factory : Panasonic AVC Networks Johor Malaysia Sdn.Bhd.  
Address : IE,PLO 460,Jalan Bandar, 81700 PasirGudang,Johor, Malaysia  
Date of Test : Sep. 23, 2015 ~ Oct. 22, 2015  
Test Sample : Engineering Sample  
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-3-1508C256A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

**NOTE:**

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

## 2.1 TEST FACILITY

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

## 2.2 MEASUREMENT UNCERTAINTY

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

### A. Conducted Measurement:

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

### B. Radiated Measurement:

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

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

### 3. GENERAL INFORMATION

#### 3.1 GENERAL DESCRIPTION OF EUT

Equipment	CD STEREO SYSTEM	
Brand Name	Technics	
Model Name	SU-C500	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	150Mbps
	Output Power (Max.)for UNII-1 For ANT 1	802.11a: 12.83dBm 802.11n (20M): 12.30dBm 802.11n (40M): 11.30dBm
	Output Power (Max.)for UNII-3 For ANT 1	802.11a: 8.78dBm 802.11n (20M): 8.59dBm 802.11n (40M): 9.44dBm
	Output Power (Max.)for UNII-1 For ANT 2	802.11a: 12.78dBm 802.11n (20M): 12.07dBm 802.11n (40M): 11.13dBm
	Output Power (Max.)for UNII-3 For ANT 2	802.11a: 8.50dBm 802.11n (20M): 8.41dBm 802.11n (40M): 8.77dBm
Power Source	AC Mains.	
Power Rating	I/P: AC 120V 60W 60Hz	

**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	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220		
48	5240		

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

3. Table for Filed Antenna:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain(dBi)	Note
1	N/A	N/A	Dipole	U.FL	-1.01	5G
2	N/A	N/A	Dipole	U.FL	-0.82	5G

Note: Smart antenna system with two transmit/receive chains, but operating in a mode where only one transmit/receive chain is used.

### 3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 5	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 6	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 7	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 7	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 A Mode / CH149,CH157,CH165 (UNII-3)
Mode 5	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 6	TX N40 Mode / CH151,CH159 (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

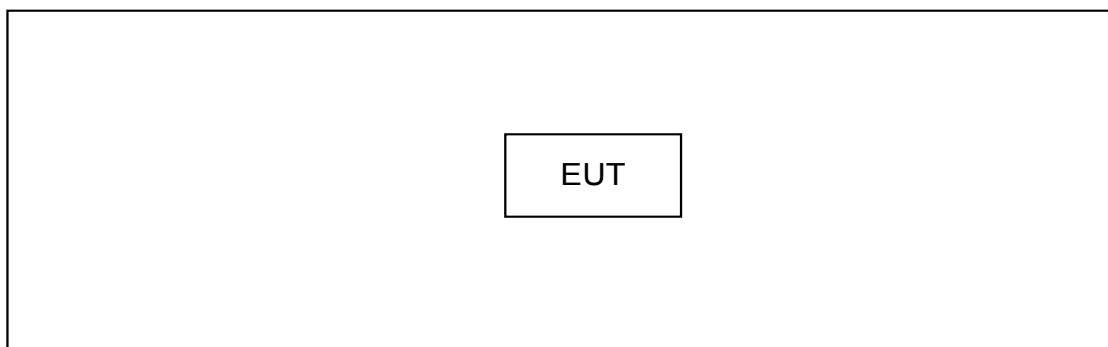
UNII-1_ANT 1			
Test Software Version	Tera Term		
Frequency (MHz)	5180	5200	5240
A Mode	0	0	0
Frequency (MHz)	5180	5200	5240
N20 Mode	0	0	0
Frequency (MHz)	5190	5230	
N40 Mode	0	0	

UNII-3 - 1TX_ANT 1			
Test Software Version	Tera Term		
Frequency (MHz)	5745	5785	5825
A Mode	0	0	0
Frequency (MHz)	5745	5785	5825
N20 Mode	0	0	0
Frequency (MHz)	5755	5795	
N40 Mode	0	0	

UNII-1_ANT 2			
Test Software Version	Tera Term		
Frequency (MHz)	5180	5200	5240
A Mode	0	0	0
Frequency (MHz)	5180	5200	5240
N20 Mode	0	0	0
Frequency (MHz)	5190	5230	
N40 Mode	18	0	

UNII-3 - 1TX_ANT 2			
Test Software Version	Tera Term		
Frequency (MHz)	5745	5785	5825
A Mode	0	0	0
Frequency (MHz)	5745	5785	5825
N20 Mode	0	0	0
Frequency (MHz)	5755	5795	
N40 Mode	0	0	

### 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.
-	-	-	-	-	-

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

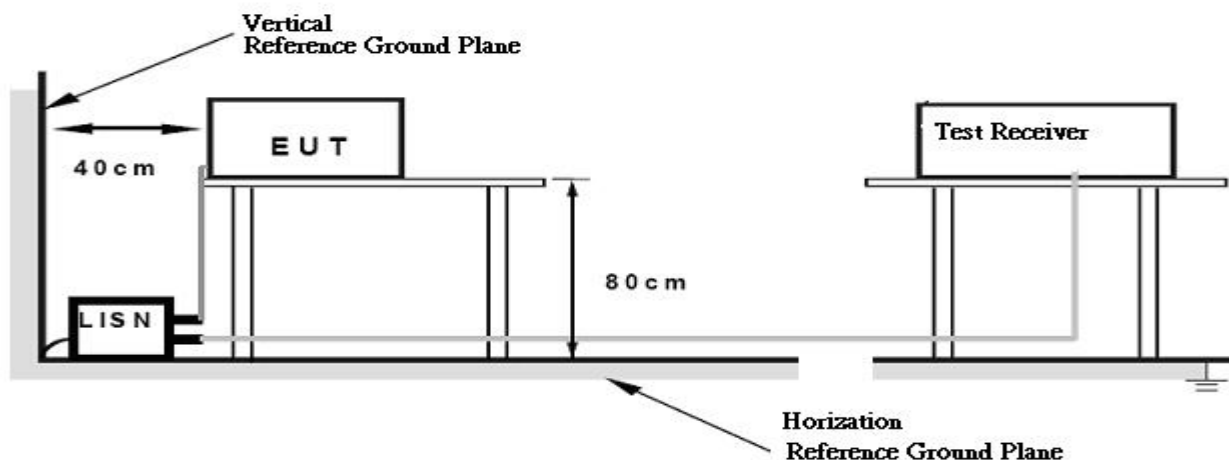
#### 4.1.2 TEST PROCEDURE

- 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



#### 4.1.5 EUT OPERATING CONDITIONS

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

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

#### 4.1.6 EUT TEST CONDITIONS

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

#### 4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

## 4.2 RADIATED EMISSION MEASUREMENT

### 4.2.1 RADIATED EMISSION LIMITS

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

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

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) The test result calculated as following:  
 Measurement Value = Reading Level + Correct Factor  
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)  
 Margin Level = Measurement Value - Limit Value

#### 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:

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

#### **4.2.2 TEST PROCEDURE**

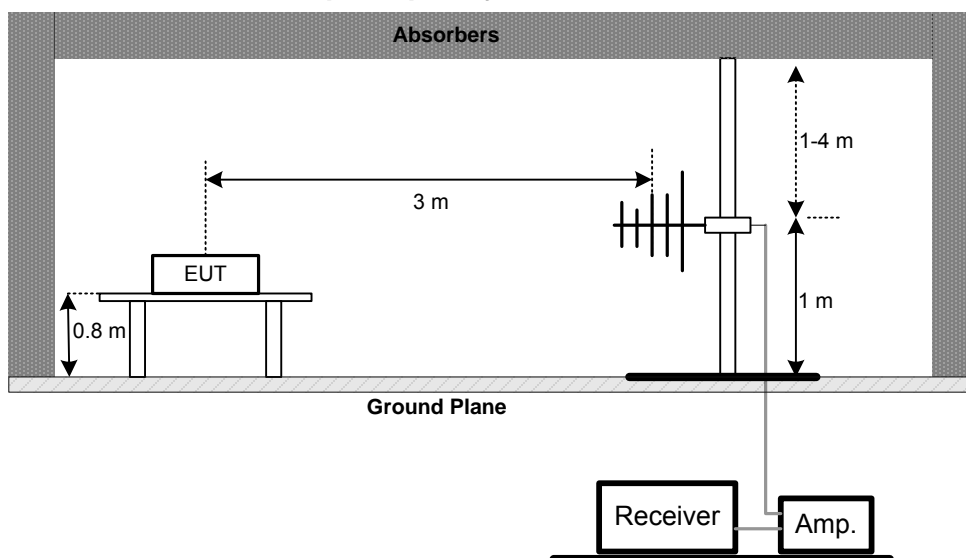
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

#### **4.2.3 DEVIATION FROM TEST STANDARD**

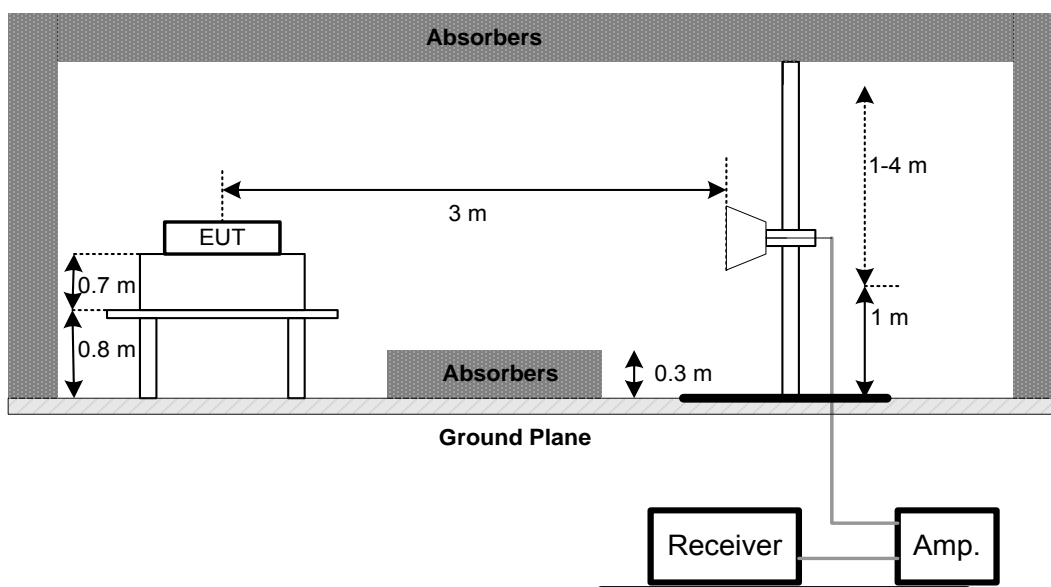
No deviation

#### 4.2.4 TEST SETUP

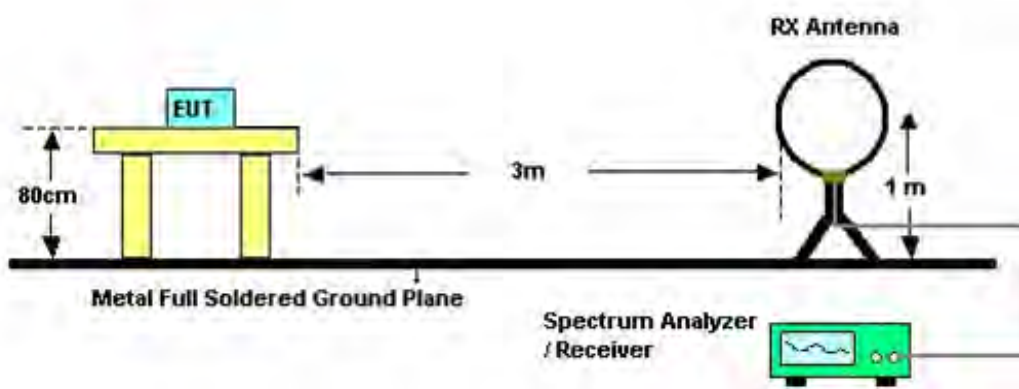
##### (A) Radiated Emission Test Set-Up Frequency Below 1GHz



##### (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: 24°C    Relative Humidity: 52%    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 =  $40 \log (\text{specific distance} / \text{test distance})$  (dB);
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

#### **4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)**

Please refer to the Attachment C.

Remark:

- (1) Measuring frequency range from 30MHz to 1000MHz ◦
- (2) 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) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (2) 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.
- (3) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (4) EUT Orthogonal Axes:  
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (5) 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.
- (6) No limit: This is fundamental signal, the judgment is not applicable.  
For fundamental signal judgment was referred to Peak output test.

## 5. 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: 24°C    Relative Humidity: 52%    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	$\geq$ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

### 6.1.2 DEVIATION FROM STANDARD

No deviation.

### 6.1.3 TEST SETUP



### 6.1.4 EUT OPERATION CONDITIONS

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

### 6.1.5 EUT TEST CONDITIONS

Temperature: 24°C    Relative Humidity: 52%    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: 24°C    Relative Humidity: 52%    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  $10\log(500\text{kHz}/1\text{MHz})$  which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

### 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: 24°C    Relative Humidity: 52%    Test Voltage: AC 120V/60Hz

### 8.1.5 TEST RESULTS

**Please refer to the Attachment H.**

## 9. FREQUENCY STABILITY MEASUREMENT

### 9.1 APPLIED PROCEDURES / LIMIT

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

#### 9.1.1 TEST PROCEDURE

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

b.

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

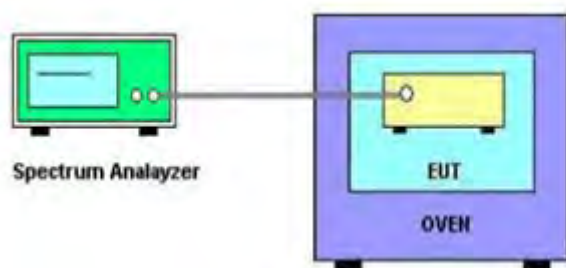
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~50°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	emci	RG223(9KHz-30 MHz)	C_17	Mar. 13, 2016
4	EMI Test Receiver	R&S	ESCS30	826547/022	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	Schwarzbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	Antenna	ETS	3115	00075789	Mar. 28, 2016
8	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
9	Test Cable	emci	EMC104-SM-S M-10000(1GHz-26.5GHz)	C-68	Jun. 28, 2016
10	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
11	Microwave Pre-amplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
12	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	power Meter	ANRITSU	ML2495A	1128009	Mar. 28, 2016
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 28, 2016

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

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

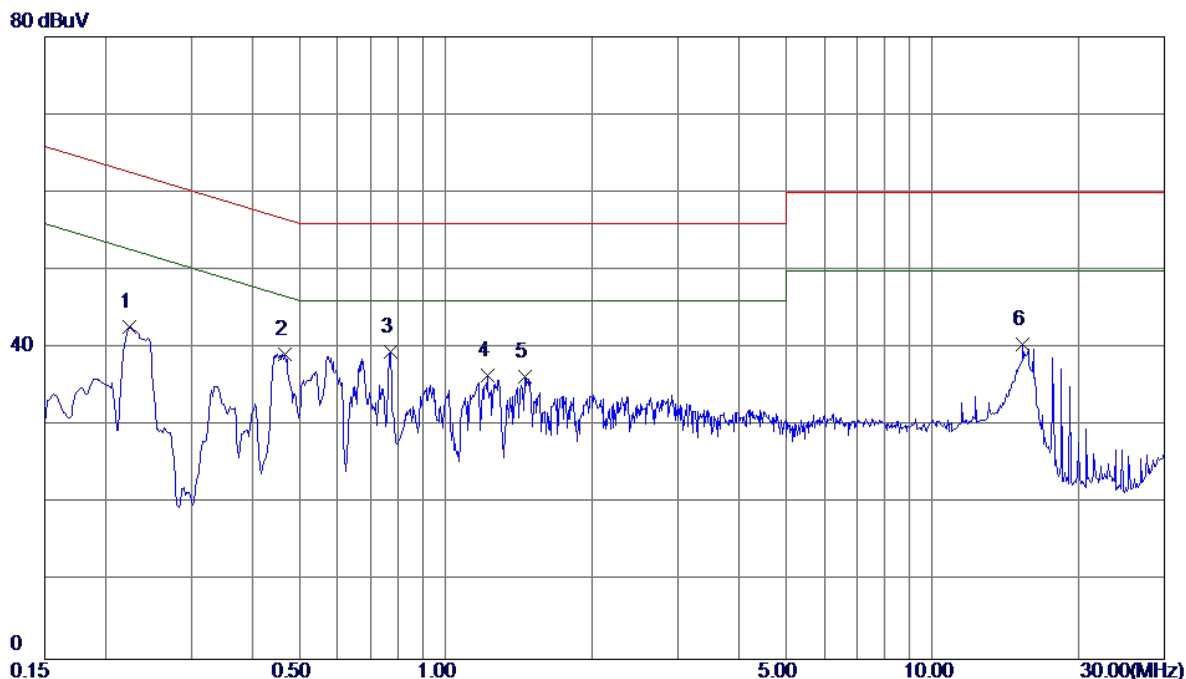
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Const Temp. & Humidity Chamber	GIANT FORCE	ITH-225-20-S	IAB0309-001	Dec.05, 2015

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

## ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE\_ANT 1

### Line

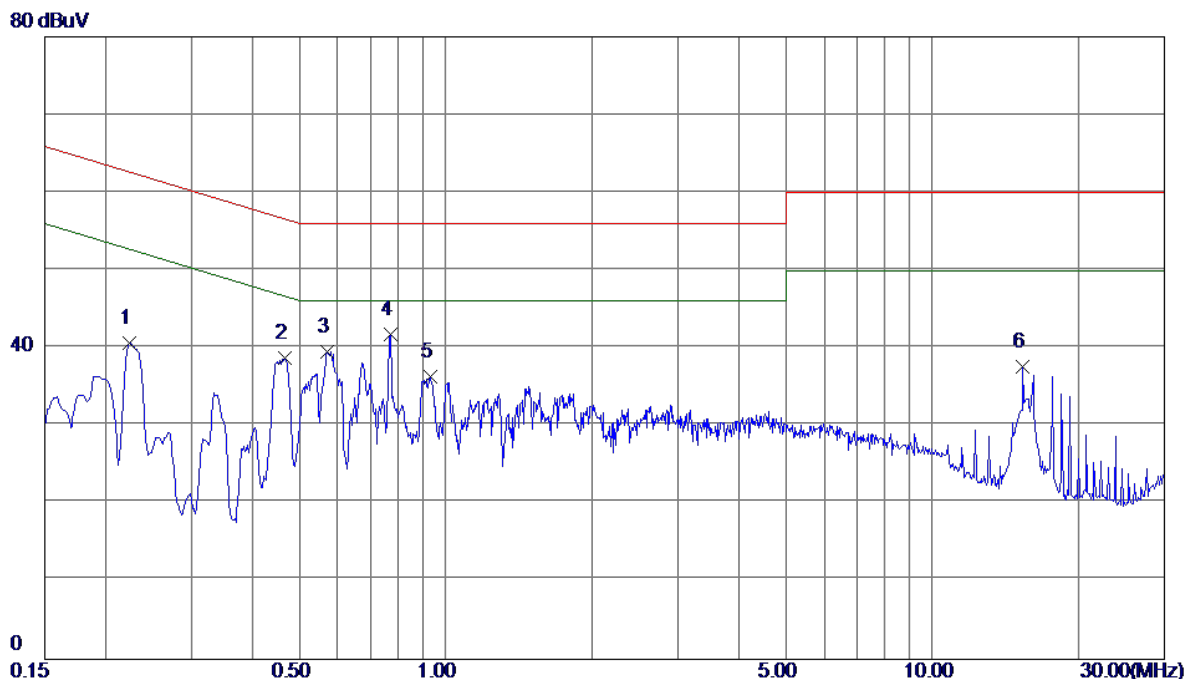


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	0.2242	33.02	9.72	42.74	62.66	-19.92	Peak	
2	0.4672	29.42	9.82	39.24	56.56	-17.32	Peak	
3	0.7687	29.64	9.92	39.56	56.00	-16.44	Peak	
4	1.2210	26.51	10.02	36.53	56.00	-19.47	Peak	
5	1.4527	26.41	9.94	36.35	56.00	-19.65	Peak	
6	15.3600	30.25	10.29	40.54	60.00	-19.46	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE\_ANT 1

### Neutral



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	0.2242	31.05	9.62	40.67	62.66	-21.99	Peak	
2	0.4672	29.01	9.64	38.65	56.56	-17.91	Peak	
3	0.5705	29.89	9.67	39.56	56.00	-16.44	Peak	
4	0.7687	31.98	9.72	41.70	56.00	-14.30	Peak	
5	0.9330	26.62	9.76	36.38	56.00	-19.62	Peak	
6	15.3620	27.38	10.27	37.65	60.00	-22.35	Peak	

Note : The test result has included the cable loss.

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

Test Mode:	TX MODE_ANT 1
------------	---------------

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.012	0°	13.57	24.8067	38.3767	126.0206	-87.6439	AVG
0.012	0°	14.73	24.8067	39.5367	146.0206	-106.4839	PEAK
0.0296	0°	6.92	23.6920	30.6120	118.1784	-87.5664	AVG
0.0296	0°	8.37	23.6920	32.0620	138.1784	-106.1164	PEAK
0.0388	0°	3.58	23.1093	26.6893	115.8276	-89.1383	AVG
0.0388	0°	5.93	23.1093	29.0393	135.8276	-106.7883	PEAK
0.0637	0°	1.55	22.1260	23.6760	111.5214	-87.8454	AVG
0.0637	0°	2.84	22.1260	24.9660	131.5214	-106.5554	PEAK
0.6241	0°	20.07	20.1971	40.2671	71.6991	-31.4320	QP
1.9732	0°	23.87	19.5027	43.3727	69.5400	-26.1673	QP

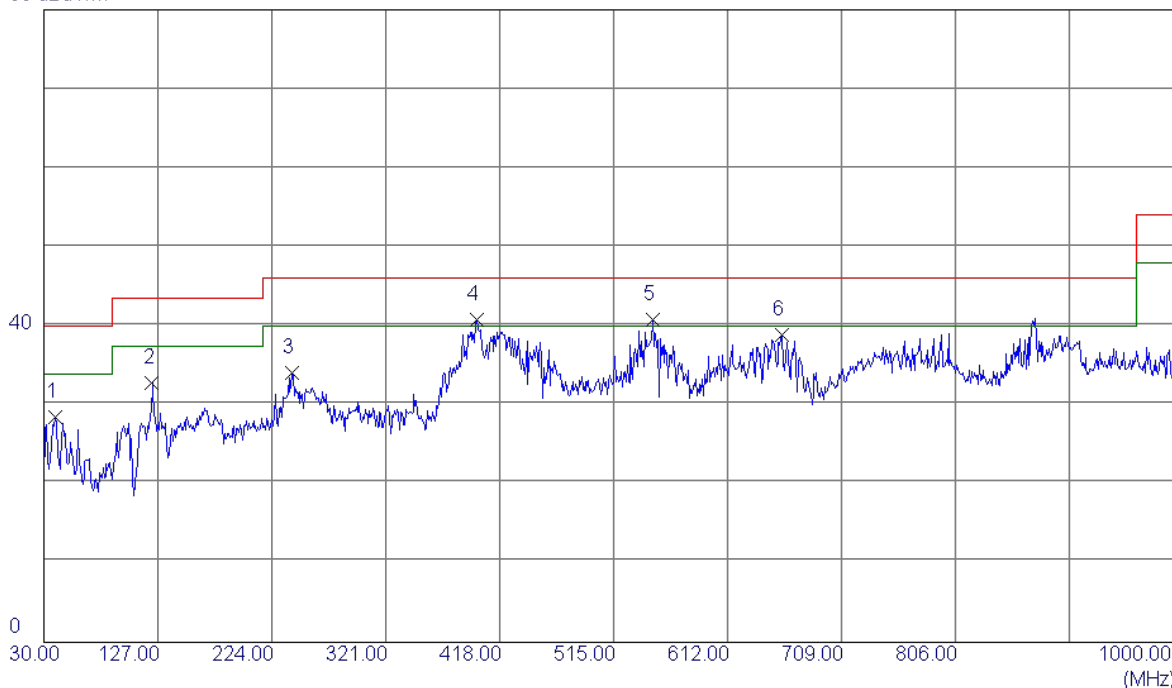
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0185	90°	13.28	24.3000	37.5800	122.2608	-84.6808	AVG
0.0185	90°	15.07	24.3000	39.3700	142.2608	-102.8908	PEAK
0.0248	90°	7.18	23.9960	31.1760	119.7152	-88.5392	AVG
0.0248	90°	8.68	23.9960	32.6760	139.7152	-107.0392	PEAK
0.0446	90°	5.47	22.7420	28.2120	114.6175	-86.4055	AVG
0.0446	90°	6.49	22.7420	29.2320	134.6175	-105.3855	PEAK
0.0593	90°	1.77	22.2140	23.9840	112.1431	-88.1591	AVG
0.0593	90°	2.9	22.2140	25.1140	132.1431	-107.0291	PEAK
0.6367	90°	22.38	20.2374	42.6174	71.5255	-28.9081	QP
2.0669	90°	24.77	19.4599	44.2299	69.5400	-25.3101	QP

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

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

**Vertical**

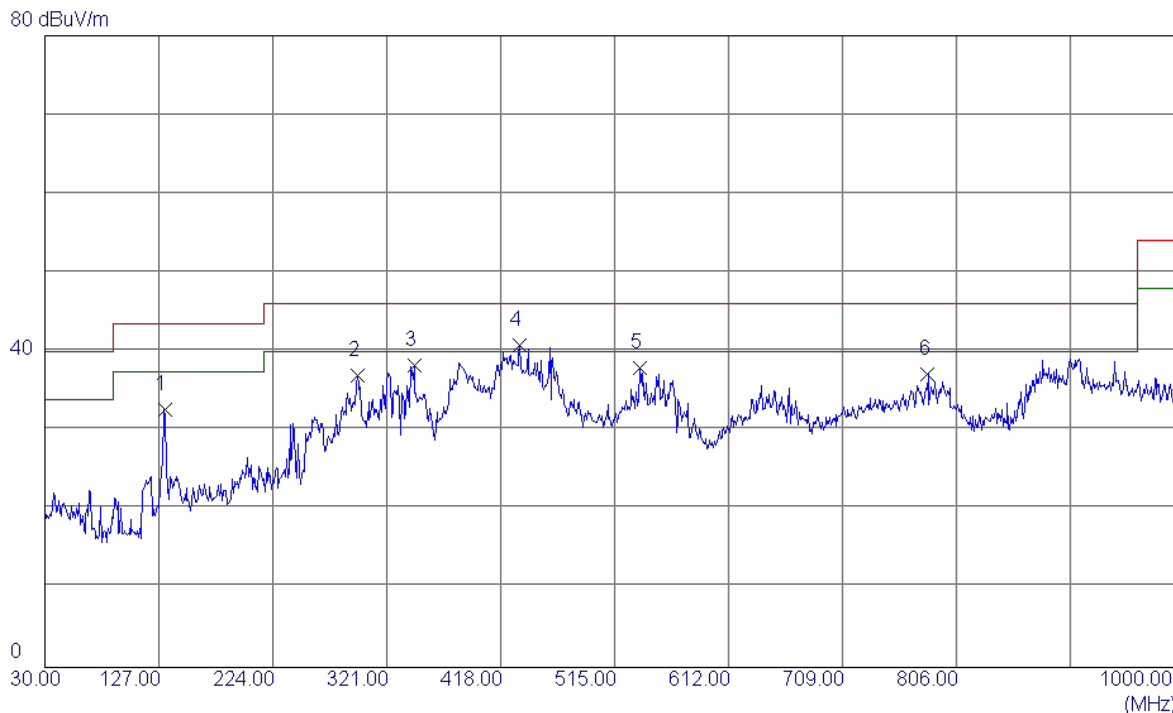
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	42.76	-14.26	28.50	40.00	-11.50	Peak	
2	122.1500	48.89	-16.02	32.87	43.50	-10.63	Peak	
3	241.4600	49.25	-15.23	34.02	46.00	-11.98	Peak	
4	398.6000	51.88	-11.13	40.75	46.00	-5.25	Peak	
5	547.9800	48.84	-8.03	40.81	46.00	-5.19	Peak	
6	658.5600	45.52	-6.65	38.87	46.00	-7.13	Peak	

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

### Horizontal

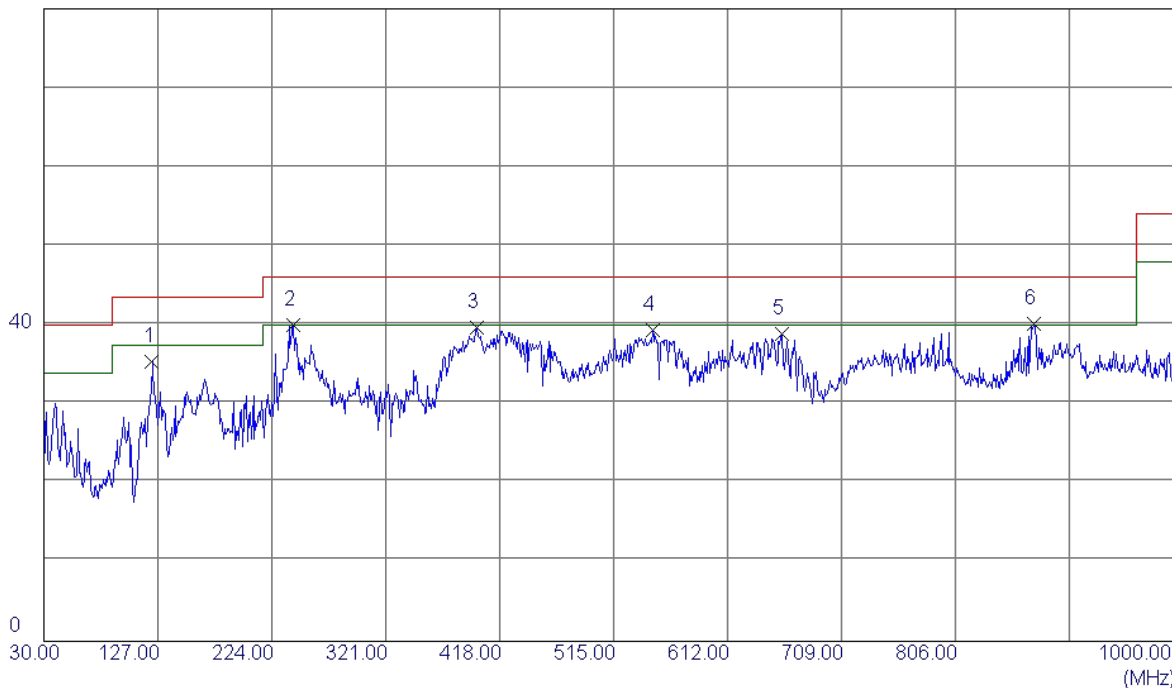


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	47.71	-15.14	32.57	43.50	-10.93	Peak	
2	295.7800	50.58	-13.58	37.00	46.00	-9.00	Peak	
3	344.2800	50.62	-12.37	38.25	46.00	-7.75	Peak	
4	434.4900	50.92	-10.10	40.82	46.00	-5.18	Peak	
5	536.3400	46.32	-8.34	37.98	46.00	-8.02	Peak	
6	781.7500	41.96	-4.84	37.12	46.00	-8.88	Peak	

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

**Vertical**

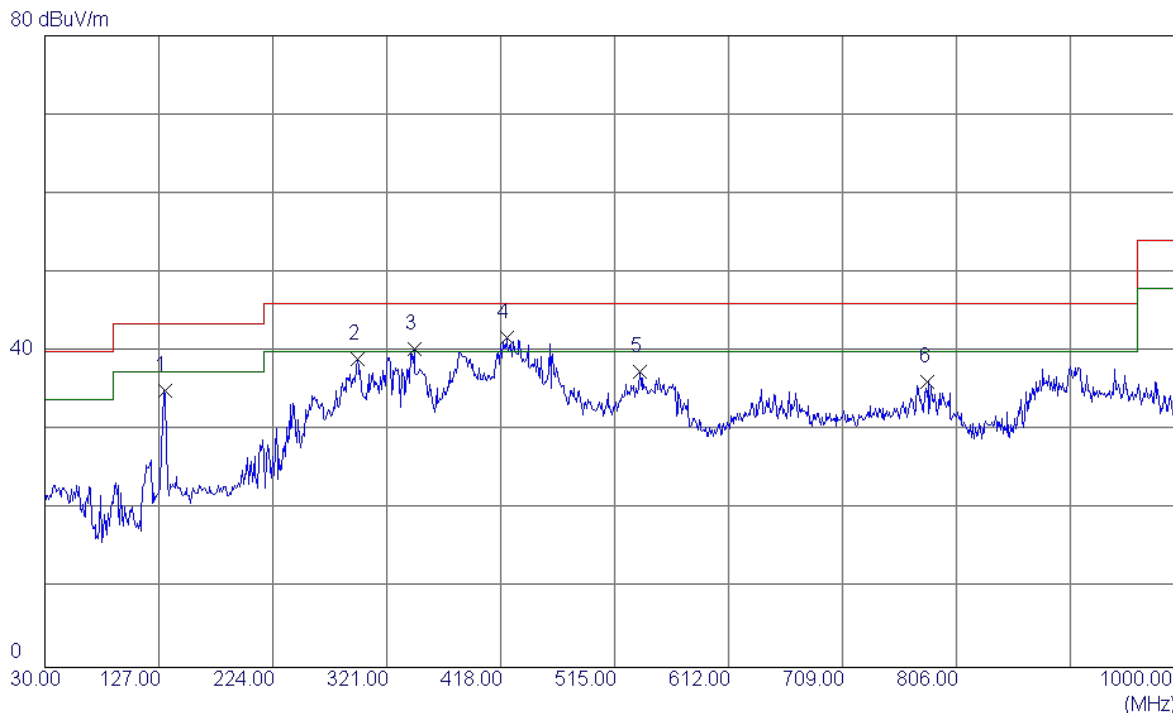
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	122.1500	51.39	-16.02	35.37	43.50	-8.13	Peak	
2	242.4300	55.24	-15.22	40.02	46.00	-5.98	Peak	
3	398.6000	50.88	-11.13	39.75	46.00	-6.25	Peak	
4	547.9800	47.34	-8.03	39.31	46.00	-6.69	Peak	
5	658.5600	45.52	-6.65	38.87	46.00	-7.13	Peak	
6	872.9300	43.56	-3.38	40.18	46.00	-5.82	Peak	

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

### Horizontal

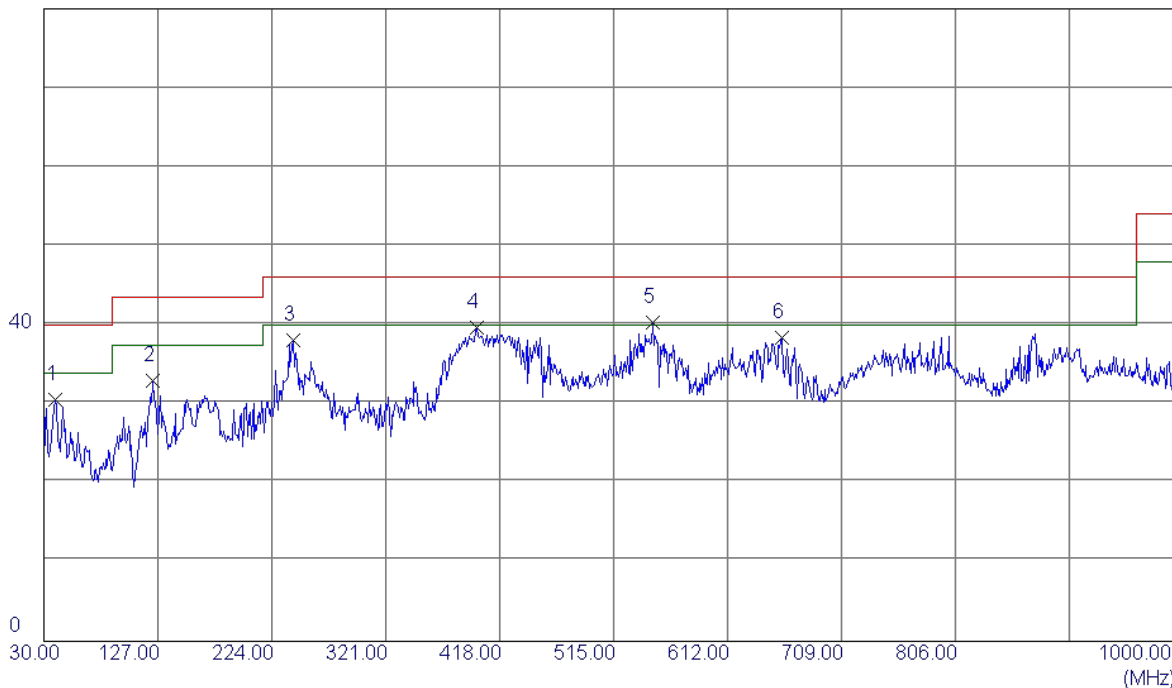


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.21	-15.14	35.07	43.50	-8.43	Peak	
2	295.7800	52.58	-13.58	39.00	46.00	-7.00	Peak	
3	344.2800	52.62	-12.37	40.25	46.00	-5.75	Peak	
4	422.8500	52.20	-10.44	41.76	46.00	-4.24	Peak	
5	536.3400	45.82	-8.34	37.48	46.00	-8.52	Peak	
6	781.7500	40.96	-4.84	36.12	46.00	-9.88	Peak	

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

**Vertical**

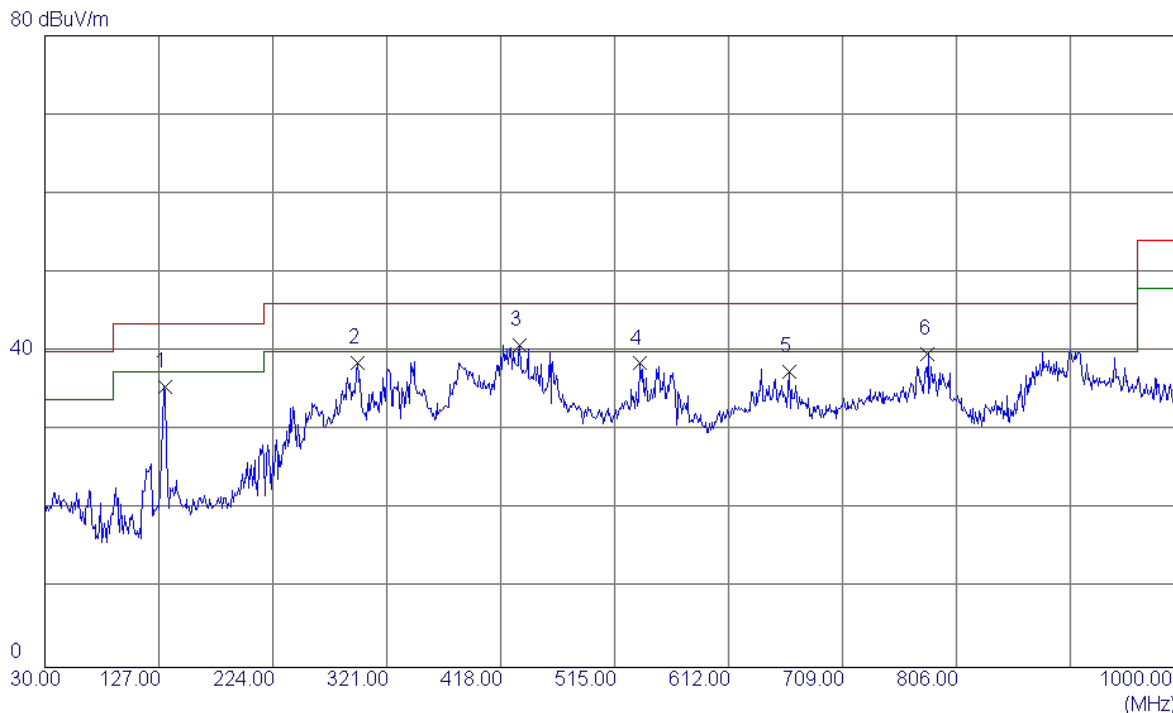
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	44.76	-14.26	30.50	40.00	-9.50	Peak	
2	123.1200	48.89	-15.93	32.96	43.50	-10.54	Peak	
3	242.4300	53.24	-15.22	38.02	46.00	-7.98	Peak	
4	398.6000	50.88	-11.13	39.75	46.00	-6.25	Peak	
5	547.9800	48.34	-8.03	40.31	46.00	-5.69	Peak	
6	658.5600	45.02	-6.65	38.37	46.00	-7.63	Peak	

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

### Horizontal

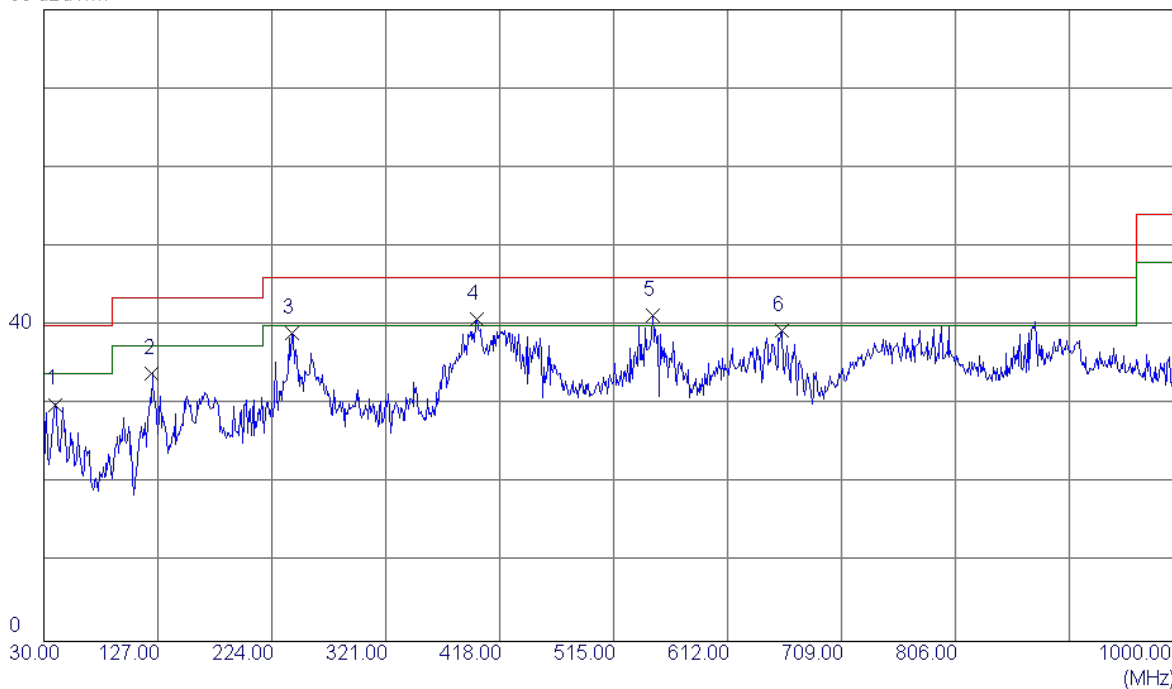


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.71	-15.14	35.57	43.50	-7.93	Peak	
2	295.7800	52.08	-13.58	38.50	46.00	-7.50	Peak	
3	434.4900	50.92	-10.10	40.82	46.00	-5.18	Peak	
4	536.3400	46.82	-8.34	38.48	46.00	-7.52	Peak	
5	663.4099	43.89	-6.51	37.38	46.00	-8.62	Peak	
6	781.7500	44.46	-4.84	39.62	46.00	-6.38	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz\_ANT 1

**Vertical**

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	44.26	-14.26	30.00	40.00	-10.00	Peak	
2	122.1500	49.89	-16.02	33.87	43.50	-9.63	Peak	
3	241.4600	54.25	-15.23	39.02	46.00	-6.98	Peak	
4	398.6000	51.88	-11.13	40.75	46.00	-5.25	Peak	
5	547.9800	49.34	-8.03	41.31	46.00	-4.69	Peak	
6	658.5600	46.02	-6.65	39.37	46.00	-6.63	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz\_ANT 1

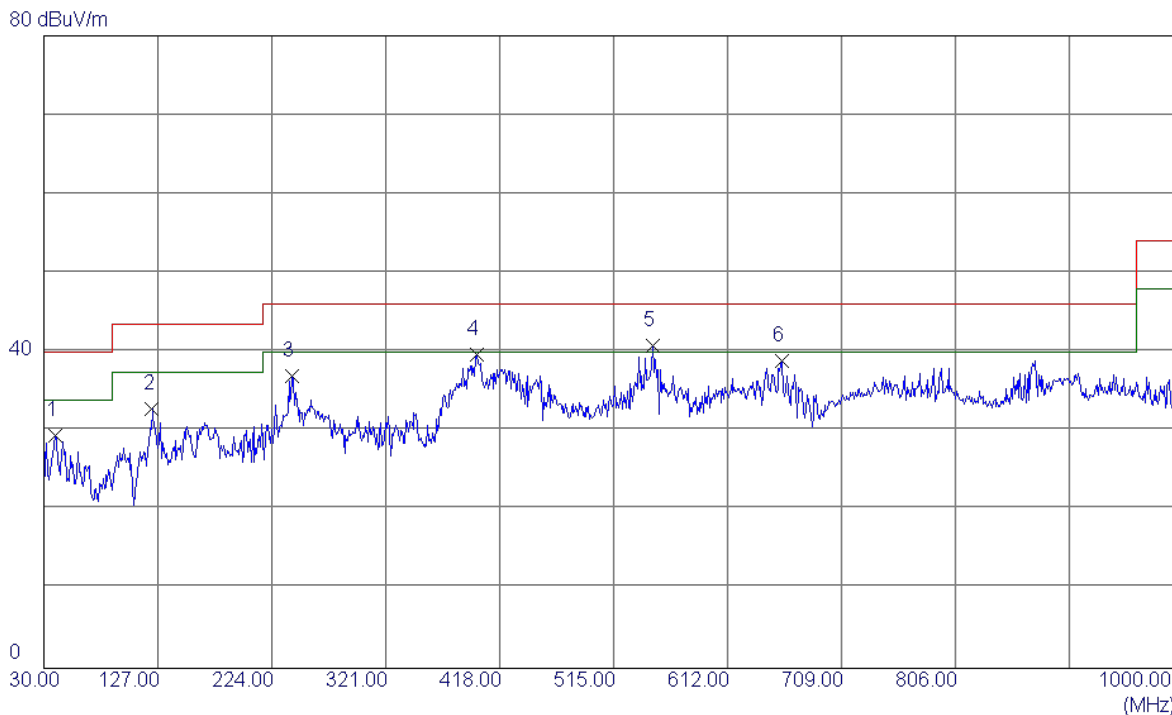
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	49.71	-15.14	34.57	43.50	-8.93	Peak	
2	321.9700	51.62	-12.90	38.72	46.00	-7.28	Peak	
3	341.3700	51.94	-12.43	39.51	46.00	-6.49	Peak	
4	434.4900	52.42	-10.10	42.32	46.00	-3.68	Peak	
5	536.3400	47.82	-8.34	39.48	46.00	-6.52	Peak	
6	781.7500	43.46	-4.84	38.62	46.00	-7.38	Peak	

Test Mode: UNII-3/TX A Mode 5785MHz\_ANT 1

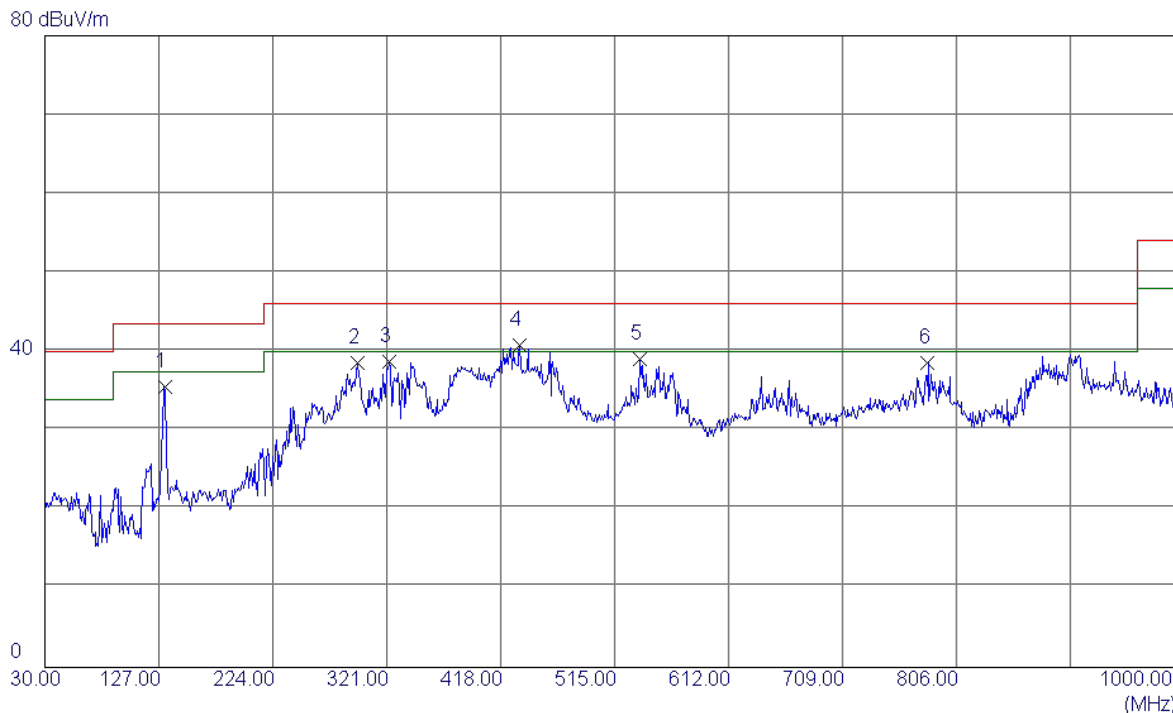
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	43.76	-14.26	29.50	40.00	-10.50	Peak	
2	122.1500	48.89	-16.02	32.87	43.50	-10.63	Peak	
3	241.4600	52.25	-15.23	37.02	46.00	-8.98	Peak	
4	398.6000	50.88	-11.13	39.75	46.00	-6.25	Peak	
5	547.9800	48.84	-8.03	40.81	46.00	-5.19	Peak	
6	658.5600	45.52	-6.65	38.87	46.00	-7.13	Peak	

Test Mode: UNII-3/TX A Mode 5785MHz\_ANT 1

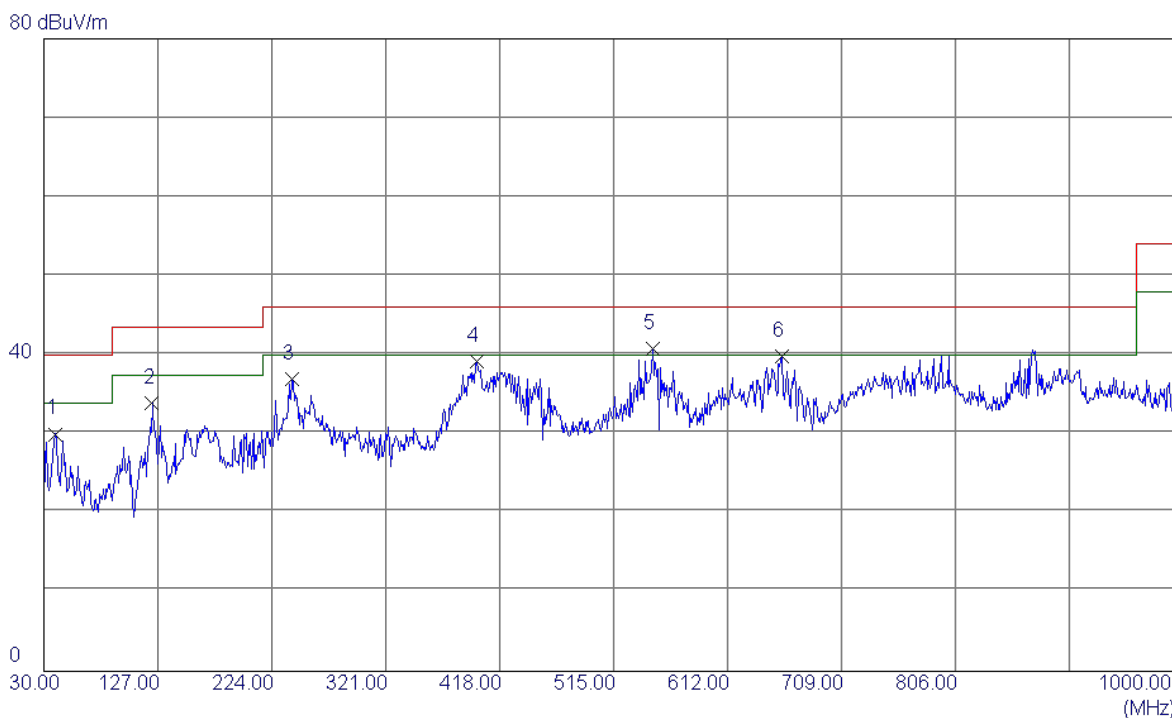
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.71	-15.14	35.57	43.50	-7.93	Peak	
2	295.7800	52.08	-13.58	38.50	46.00	-7.50	Peak	
3	322.9400	51.54	-12.88	38.66	46.00	-7.34	Peak	
4	434.4900	50.92	-10.10	40.82	46.00	-5.18	Peak	
5	536.3400	47.32	-8.34	38.98	46.00	-7.02	Peak	
6	781.7500	43.46	-4.84	38.62	46.00	-7.38	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz\_ANT 1

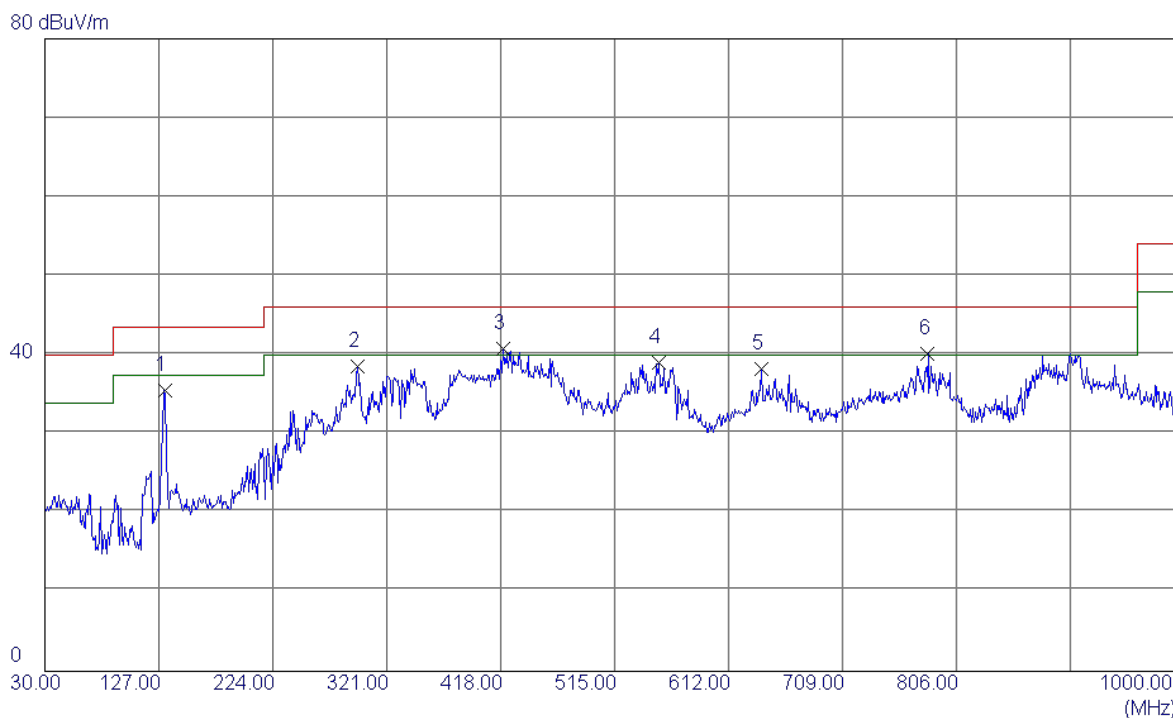
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	44.26	-14.26	30.00	40.00	-10.00	Peak	
2	122.1500	49.89	-16.02	33.87	43.50	-9.63	Peak	
3	241.4600	52.25	-15.23	37.02	46.00	-8.98	Peak	
4	398.6000	50.38	-11.13	39.25	46.00	-6.75	Peak	
5	547.9800	48.84	-8.03	40.81	46.00	-5.19	Peak	
6	658.5600	46.52	-6.65	39.87	46.00	-6.13	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz\_ANT 1

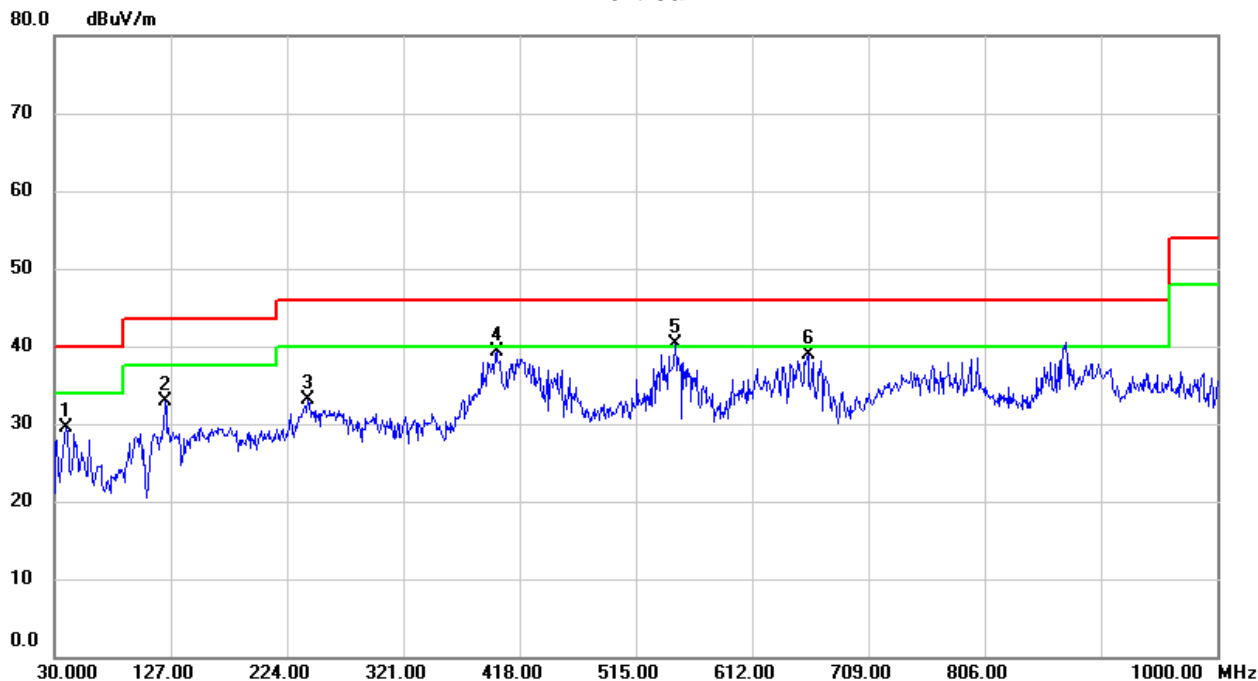
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.71	-15.14	35.57	43.50	-7.93	Peak	
2	295.7800	52.08	-13.58	38.50	46.00	-7.50	Peak	
3	419.9400	51.30	-10.52	40.78	46.00	-5.22	Peak	
4	552.8300	47.04	-7.95	39.09	46.00	-6.91	Peak	
5	640.1300	45.27	-7.02	38.25	46.00	-7.75	Peak	
6	781.7500	44.96	-4.84	40.12	46.00	-5.88	Peak	

Test Mode: UNII-1/TX A Mode 5180MHz\_ANT 2

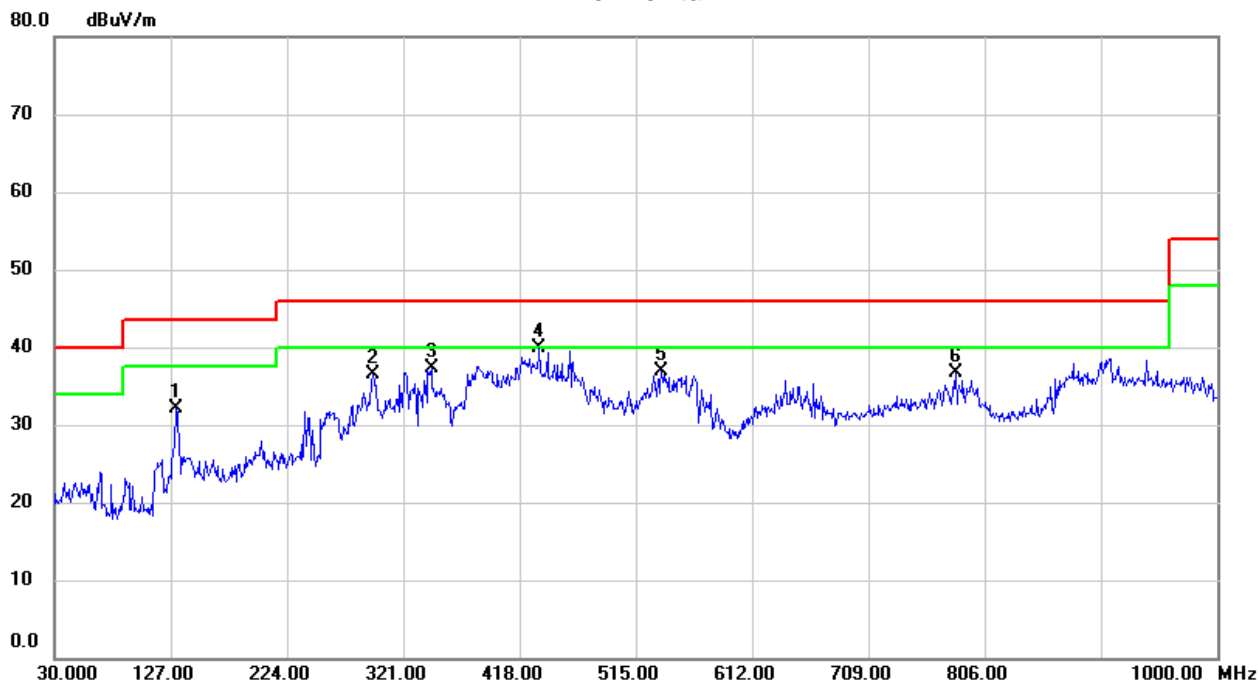
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	43.76	-14.26	29.50	40.00	-10.50	Peak	
2	122.1500	48.89	-16.02	32.87	43.50	-10.63	Peak	
3	241.4600	48.25	-15.23	33.02	46.00	-12.98	Peak	
4	398.6000	50.38	-11.13	39.25	46.00	-6.75	Peak	
5	547.9800	48.34	-8.03	40.31	46.00	-5.69	Peak	
6	658.5600	45.52	-6.65	38.87	46.00	-7.13	Peak	

Test Mode: UNII-1/TX A Mode 5180MHz\_ANT 2

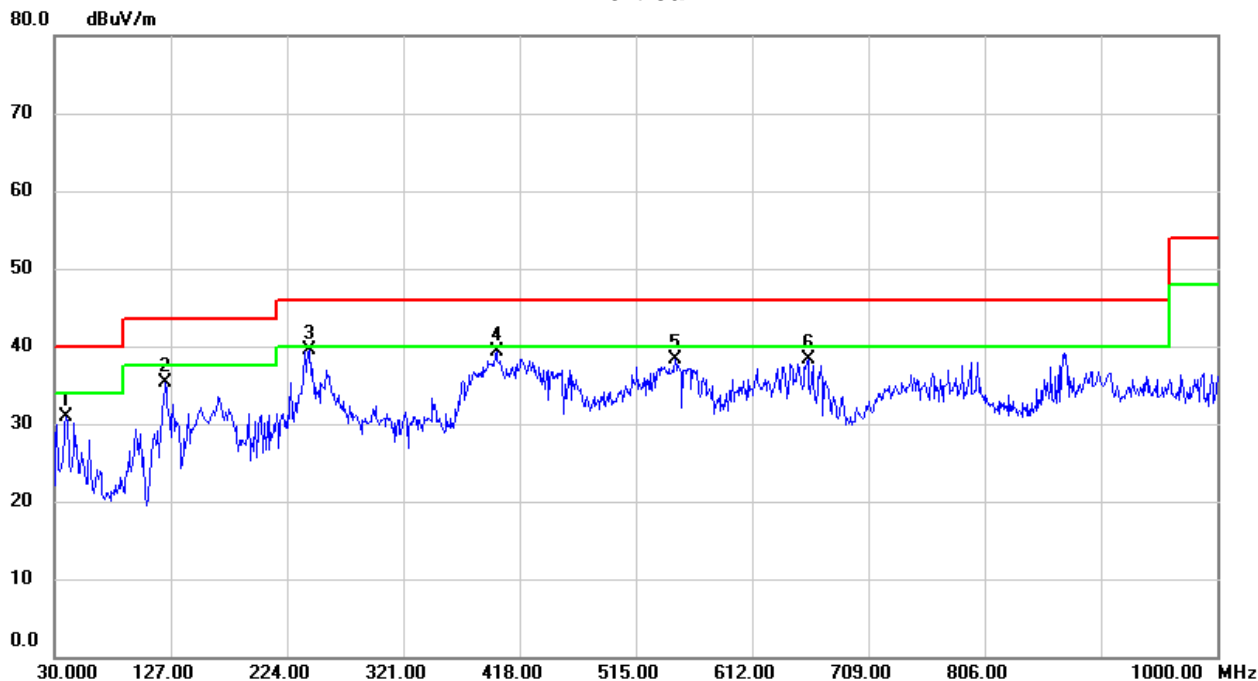
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	47.21	-15.14	32.07	43.50	-11.43	Peak	
2	295.7800	50.08	-13.58	36.50	46.00	-9.50	Peak	
3	344.2800	49.62	-12.37	37.25	46.00	-8.75	Peak	
4	434.4900	49.92	-10.10	39.82	46.00	-6.18	Peak	
5	536.3400	45.32	-8.34	36.98	46.00	-9.02	Peak	
6	781.7500	41.46	-4.84	36.62	46.00	-9.38	Peak	

Test Mode: UNII-1/TX A Mode 5200MHz\_ANT 2

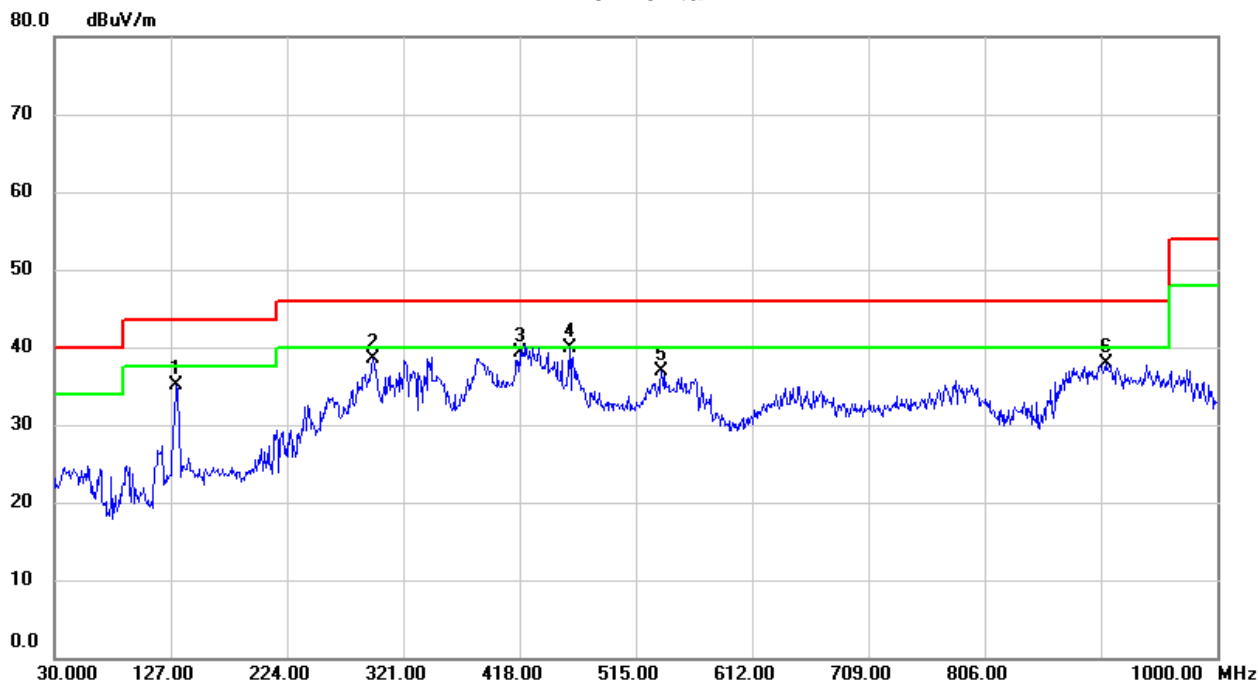
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	45.26	-14.26	31.00	40.00	-9.00	Peak	
2	122.1500	51.39	-16.02	35.37	43.50	-8.13	Peak	
3	242.4300	54.74	-15.22	39.52	46.00	-6.48	Peak	
4	398.6000	50.38	-11.13	39.25	46.00	-6.75	Peak	
5	547.9800	46.34	-8.03	38.31	46.00	-7.69	Peak	
6	658.5600	45.02	-6.65	38.37	46.00	-7.63	Peak	

Test Mode: UNII-1/TX A Mode 5200MHz\_ANT 2

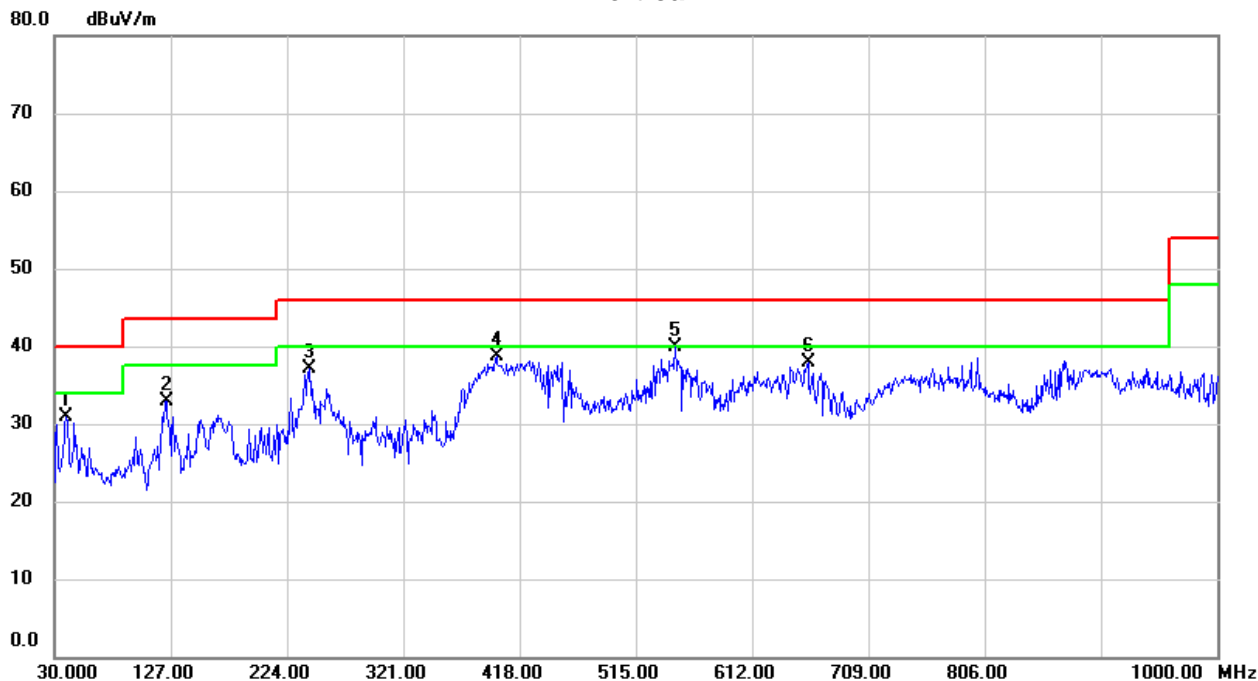
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.21	-15.14	35.07	43.50	-8.43	Peak	
2	295.7800	52.08	-13.58	38.50	46.00	-7.50	Peak	
3	418.0000	49.90	-10.58	39.32	46.00	-6.68	Peak	
4	459.7100	49.55	-9.59	39.96	46.00	-6.04	Peak	
5	536.3400	45.32	-8.34	36.98	46.00	-9.02	Peak	
6	906.8800	40.54	-2.68	37.86	46.00	-8.14	Peak	

Test Mode: UNII-1/TX A Mode 5240MHz\_ANT 2

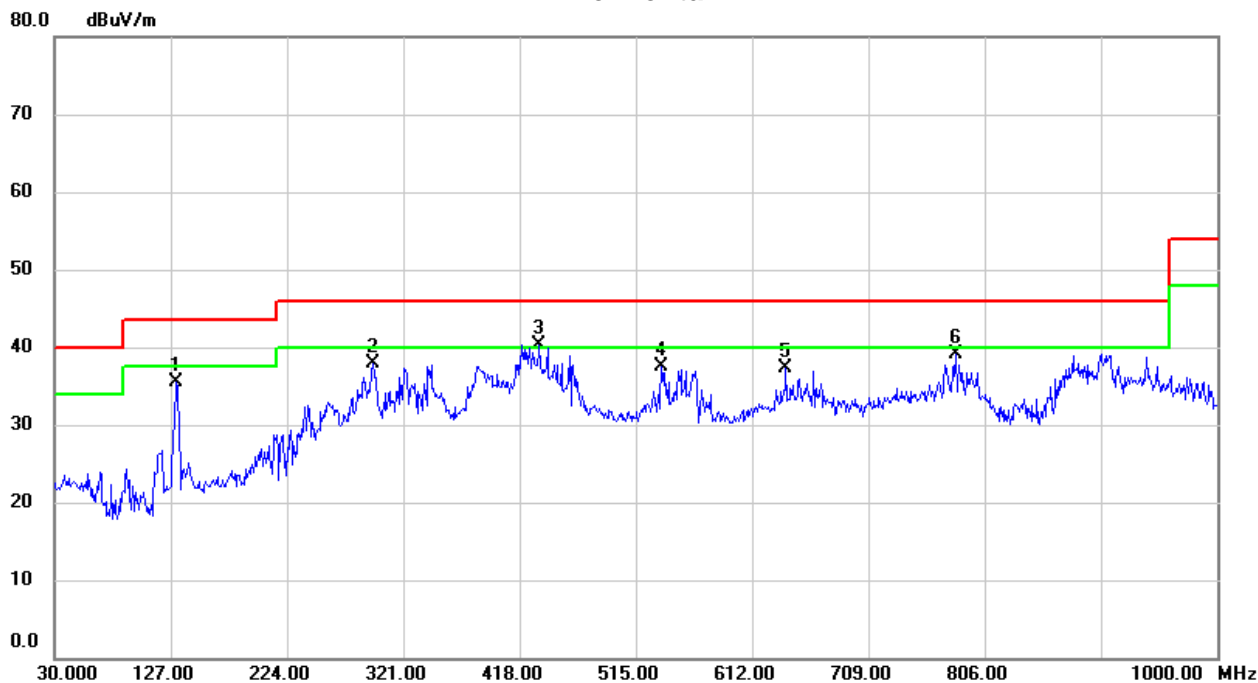
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	45.26	-14.26	31.00	40.00	-9.00	Peak	
2	123.1200	48.89	-15.93	32.96	43.50	-10.54	Peak	
3	242.4300	52.24	-15.22	37.02	46.00	-8.98	Peak	
4	398.6000	49.88	-11.13	38.75	46.00	-7.25	Peak	
5	547.9800	47.84	-8.03	39.81	46.00	-6.19	Peak	
6	658.5600	44.52	-6.65	37.87	46.00	-8.13	Peak	

Test Mode: UNII-1/TX A Mode 5240MHz\_ANT 2

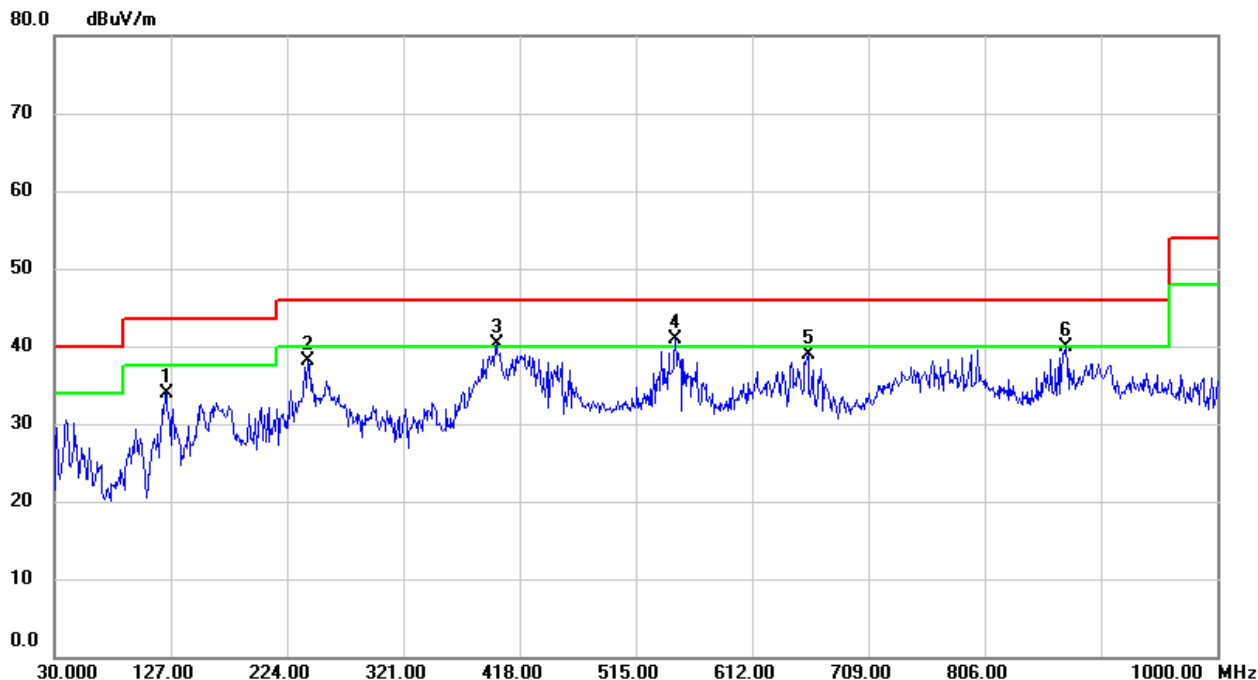
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.71	-15.14	35.57	43.50	-7.93	Peak	
2	295.7800	51.58	-13.58	38.00	46.00	-8.00	Peak	
3	434.4900	50.42	-10.10	40.32	46.00	-5.68	Peak	
4	536.3400	45.82	-8.34	37.48	46.00	-8.52	Peak	
5	640.1300	44.27	-7.02	37.25	46.00	-8.75	Peak	
6	781.7500	43.96	-4.84	39.12	46.00	-6.88	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz\_ANT 2

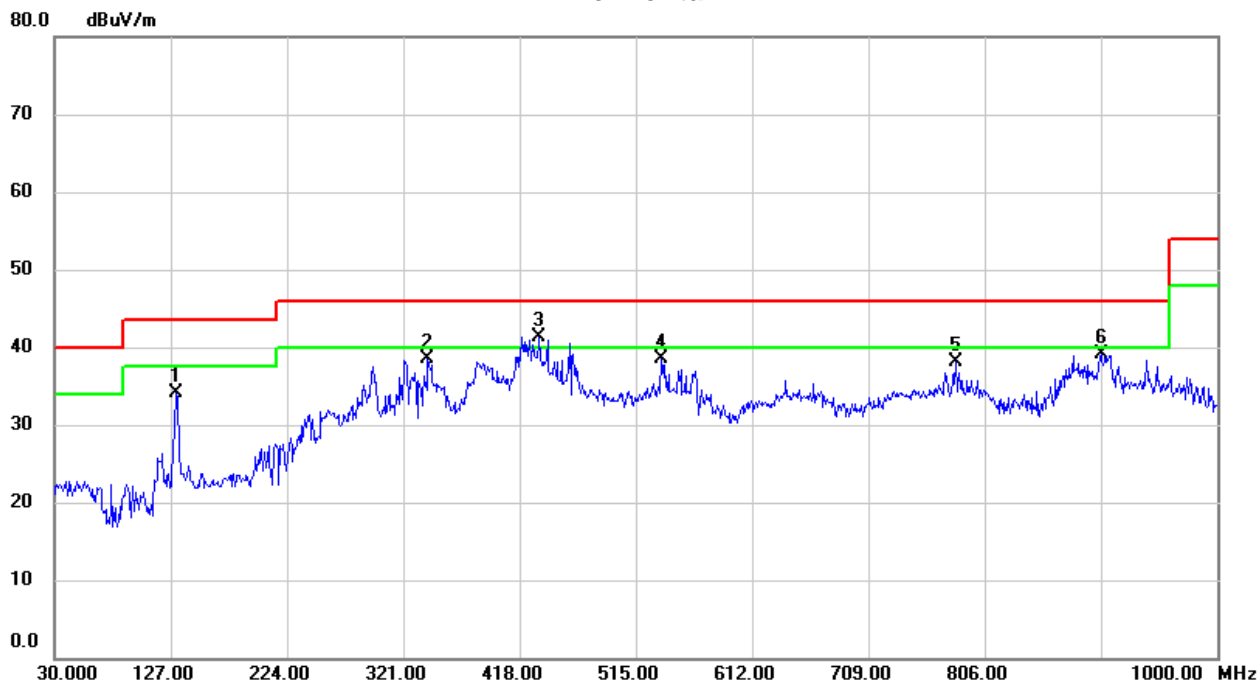
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	123.1200	49.89	-15.93	33.96	43.50	-9.54	Peak	
2	241.4600	53.25	-15.23	38.02	46.00	-7.98	Peak	
3	398.6000	51.38	-11.13	40.25	46.00	-5.75	Peak	
4	547.9800	48.84	-8.03	40.81	46.00	-5.19	Peak	
5	658.5600	45.52	-6.65	38.87	46.00	-7.13	Peak	
6	873.9000	43.30	-3.36	39.94	46.00	-6.06	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz\_ANT 2

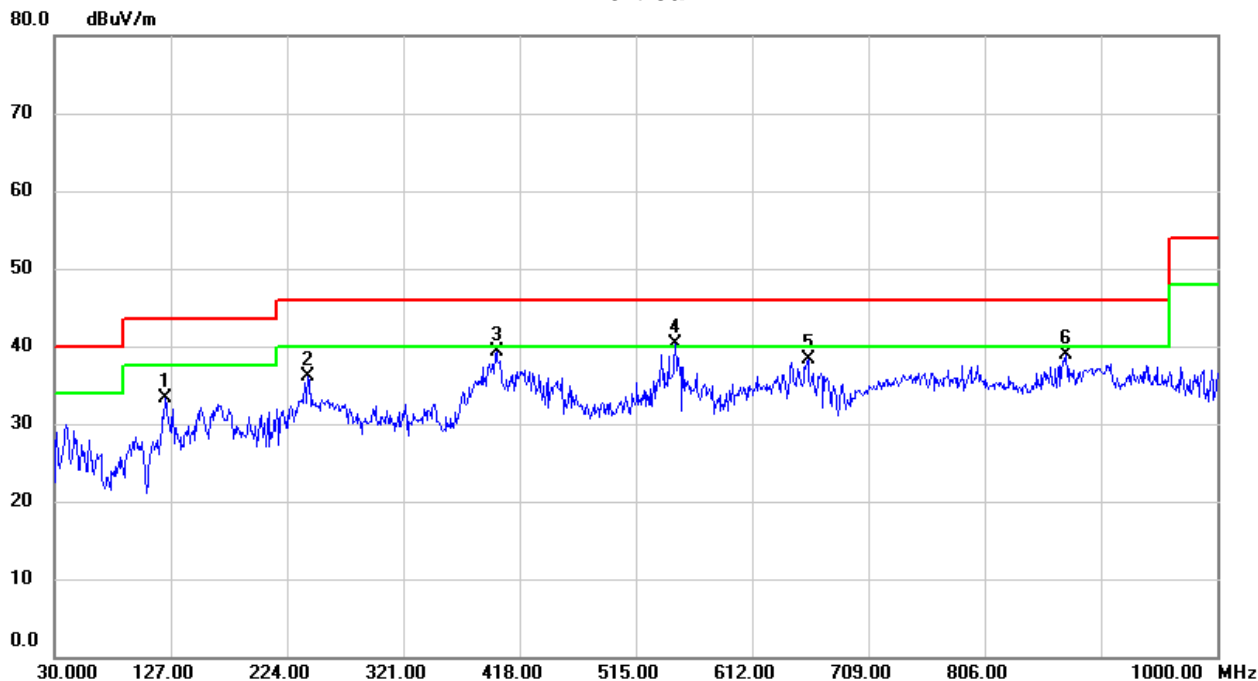
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	49.21	-15.14	34.07	43.50	-9.43	Peak	
2	341.3700	50.94	-12.43	38.51	46.00	-7.49	Peak	
3	434.4900	51.42	-10.10	41.32	46.00	-4.68	Peak	
4	536.3400	46.82	-8.34	38.48	46.00	-7.52	Peak	
5	781.7500	42.96	-4.84	38.12	46.00	-7.88	Peak	
6	903.0000	41.86	-2.77	39.09	46.00	-6.91	Peak	

Test Mode: UNII-3/TX A Mode 5785MHz\_ANT 2

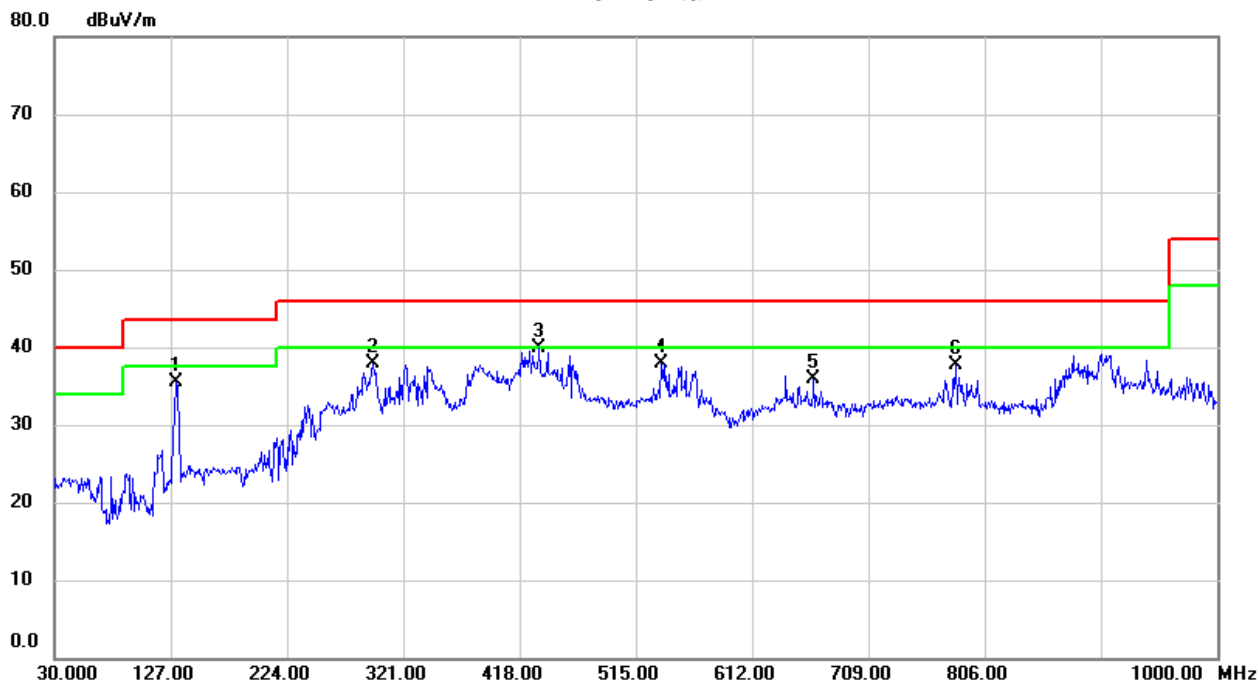
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	122.1500	49.39	-16.02	33.37	43.50	-10.13	Peak	
2	241.4600	51.25	-15.23	36.02	46.00	-9.98	Peak	
3	398.6000	50.38	-11.13	39.25	46.00	-6.75	Peak	
4	547.9800	48.34	-8.03	40.31	46.00	-5.69	Peak	
5	658.5600	45.02	-6.65	38.37	46.00	-7.63	Peak	
6	873.9000	42.30	-3.36	38.94	46.00	-7.06	Peak	

Test Mode: UNII-3/TX A Mode 5785MHz\_ANT 2

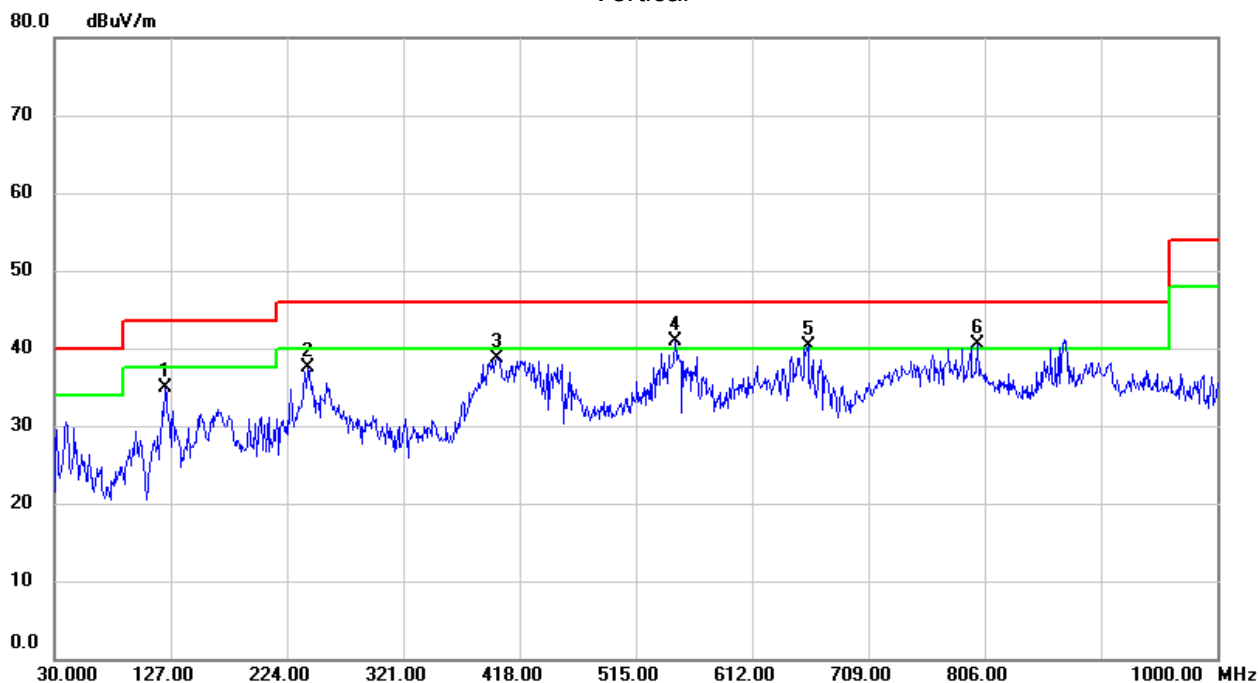
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	131.8500	50.71	-15.14	35.57	43.50	-7.93	Peak	
2	295.7800	51.58	-13.58	38.00	46.00	-8.00	Peak	
3	434.4900	49.92	-10.10	39.82	46.00	-6.18	Peak	
4	536.3400	46.32	-8.34	37.98	46.00	-8.02	Peak	
5	663.4099	42.39	-6.51	35.88	46.00	-10.12	Peak	
6	781.7500	42.46	-4.84	37.62	46.00	-8.38	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz\_ANT 2

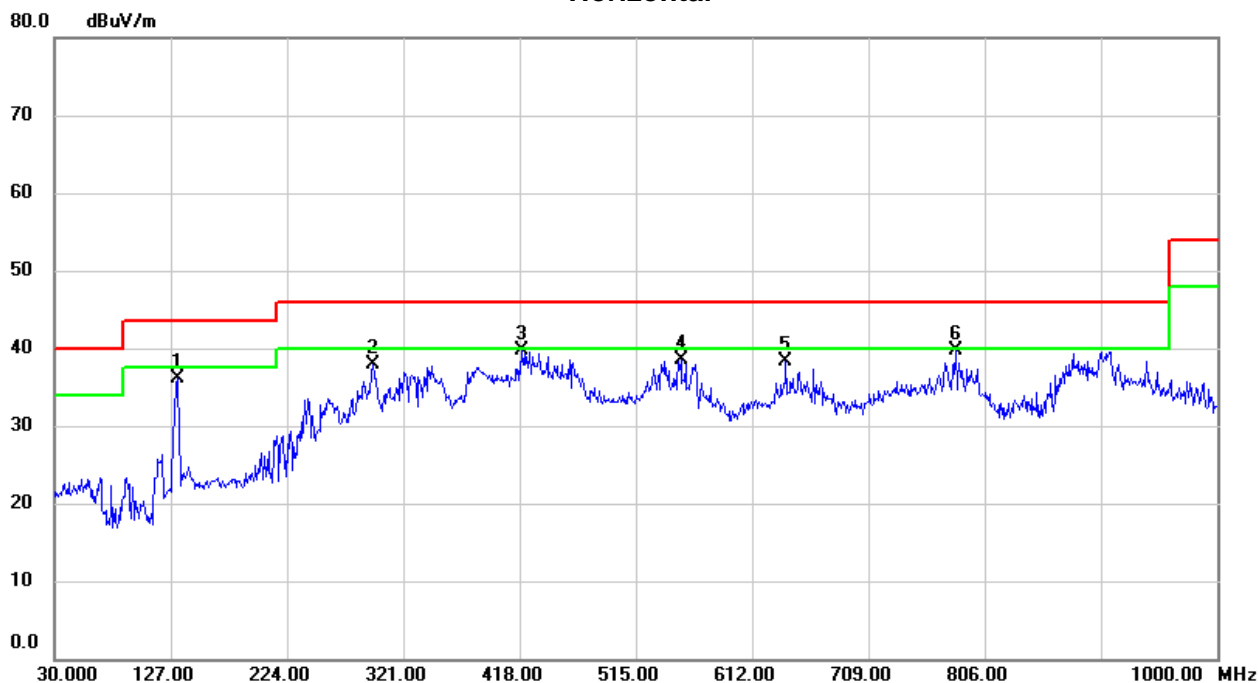
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	122.1500	50.89	-16.02	34.87	43.50	-8.63	Peak	
2	241.4600	52.75	-15.23	37.52	46.00	-8.48	Peak	
3	398.6000	49.88	-11.13	38.75	46.00	-7.25	Peak	
4	547.9800	48.84	-8.03	40.81	46.00	-5.19	Peak	
5	658.5600	47.02	-6.65	40.37	46.00	-5.63	Peak	
6	800.1800	45.23	-4.74	40.49	46.00	-5.51	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz\_ANT 2

### Horizontal

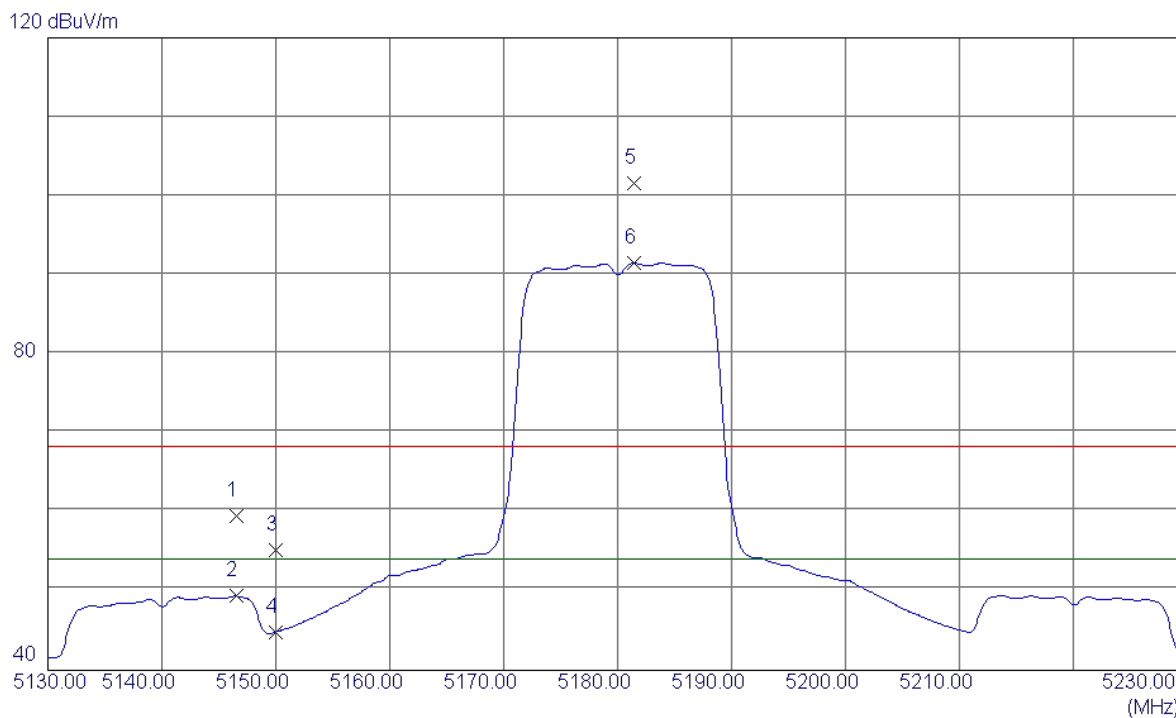


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	132.8200	51.14	-15.06	36.08	43.50	-7.42	Peak	
2	295.7800	51.58	-13.58	38.00	46.00	-8.00	Peak	
3	419.9400	50.30	-10.52	39.78	46.00	-6.22	Peak	
4	552.8300	46.54	-7.95	38.59	46.00	-7.41	Peak	
5	640.1300	45.27	-7.02	38.25	46.00	-7.75	Peak	
6	781.7500	44.46	-4.84	39.62	46.00	-6.38	Peak	

## ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

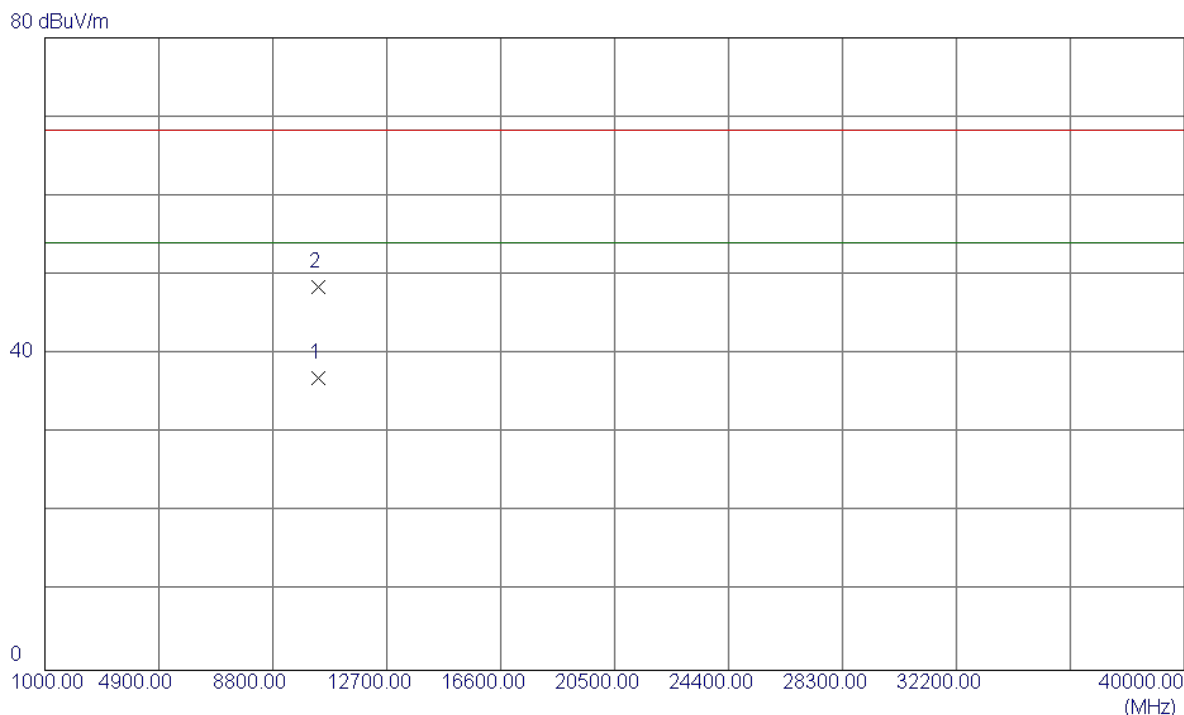
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5146.5000	19.32	40.21	59.53	68.30	-8.77	Peak	
2	5146.5000	9.17	40.21	49.38	54.00	-4.62	AVG	
3	5150.0000	14.95	40.22	55.17	68.30	-13.13	Peak	
4	5150.0000	4.61	40.22	44.83	54.00	-9.17	AVG	
5	5181.4000	61.26	40.28	101.54	68.30	33.24	Peak	No Limit
6	5181.4000	51.27	40.28	91.55	54.00	37.55	AVG	No Limit

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

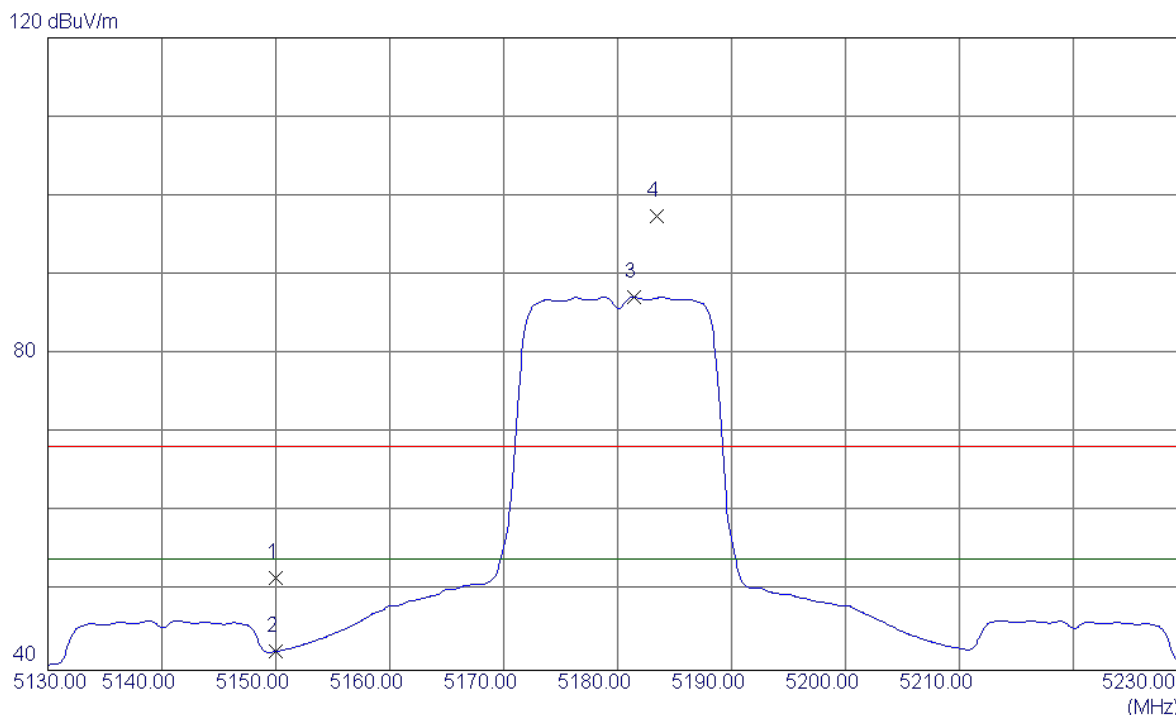
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.5000	22.65	14.33	36.98	54.00	-17.02	AVG	
2	10359.5000	34.13	14.32	48.45	68.30	-19.85	Peak	

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

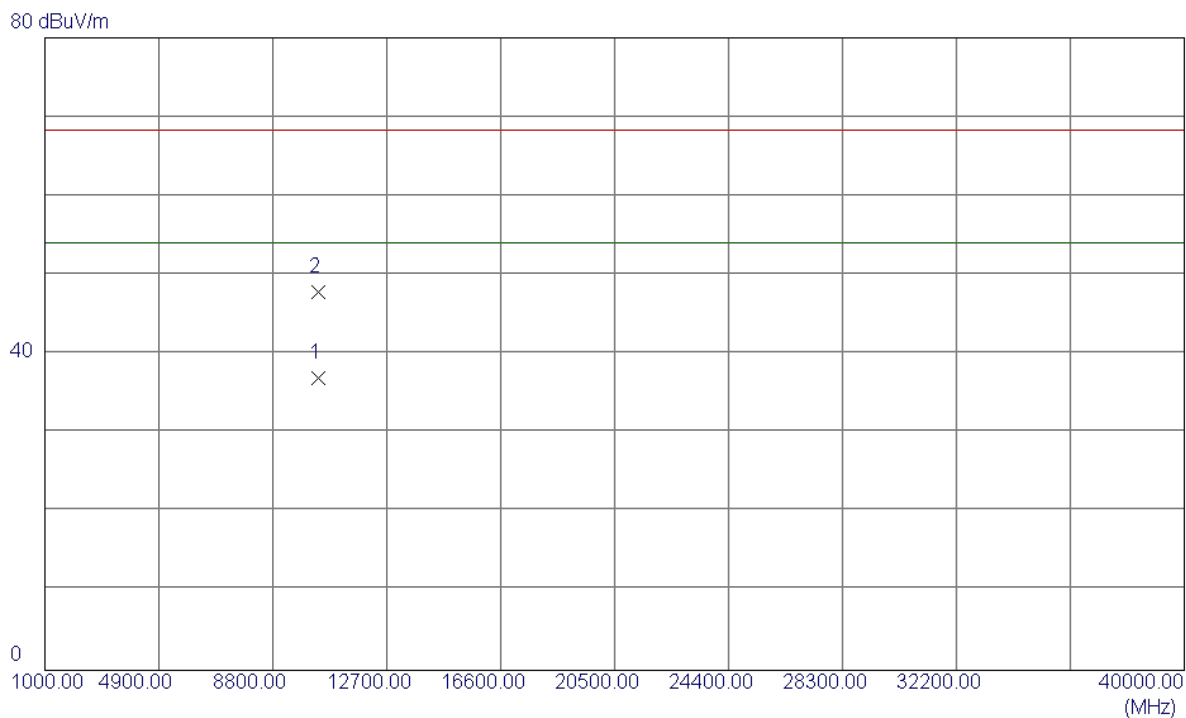
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	11.46	40.22	51.68	68.30	-16.62	Peak	
2	5150.0000	2.16	40.22	42.38	54.00	-11.62	AVG	
3	5181.4000	46.97	40.28	87.25	54.00	33.25	AVG	No Limit
4	5183.4000	57.08	40.29	97.37	68.30	29.07	Peak	No Limit

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

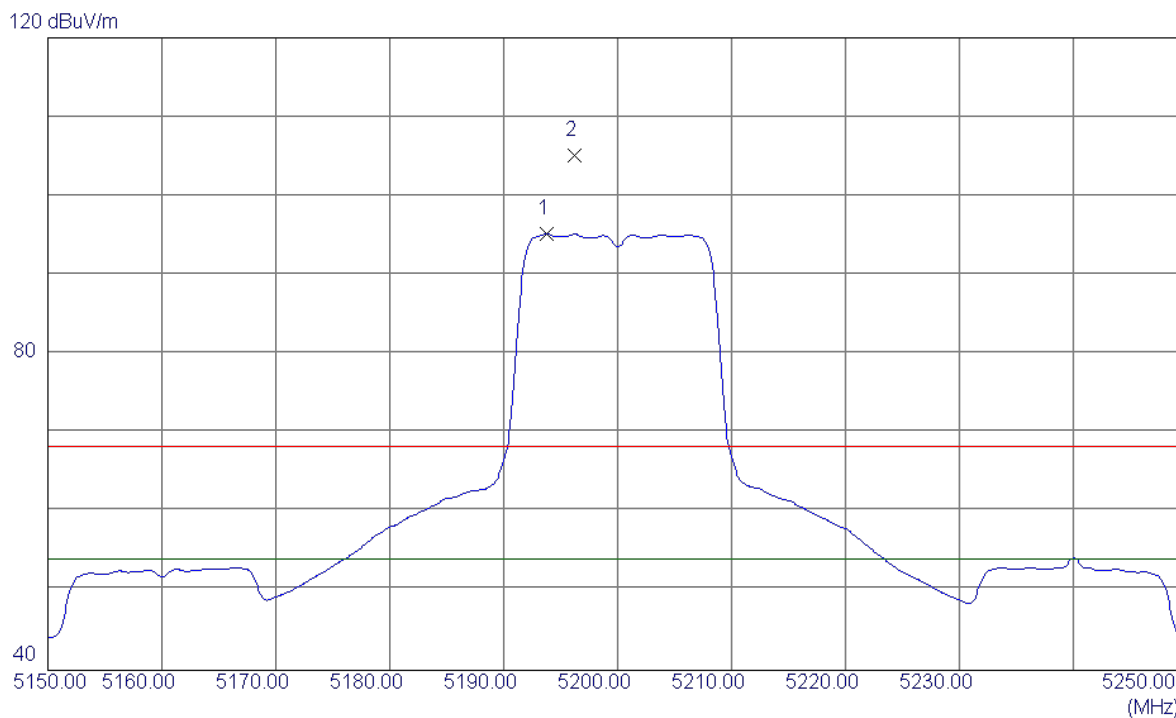
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.5000	22.62	14.32	36.94	54.00	-17.06	AVG	
2	10358.6000	33.49	14.32	47.81	68.30	-20.49	Peak	

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

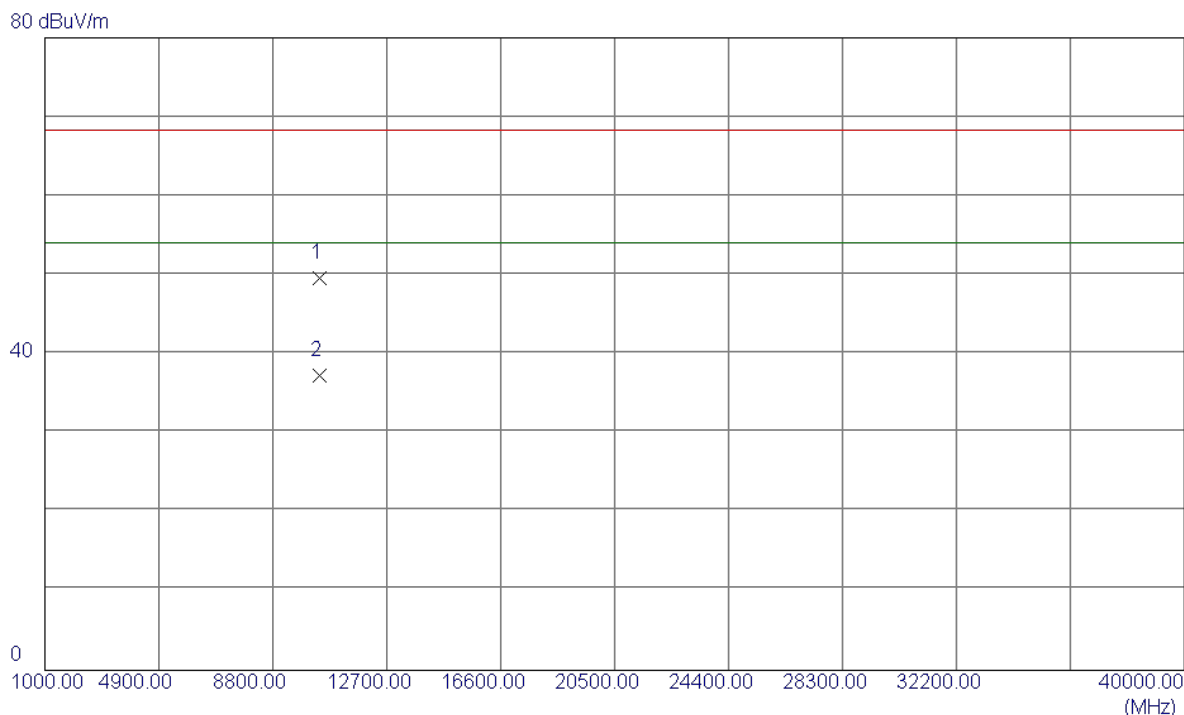
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment		dB			
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB			
1	5193.8000	54.89	40.31	95.20	54.00	41.20		AVG	No Limit
2	5196.2000	64.83	40.32	105.15	68.30	36.85		Peak	No Limit

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

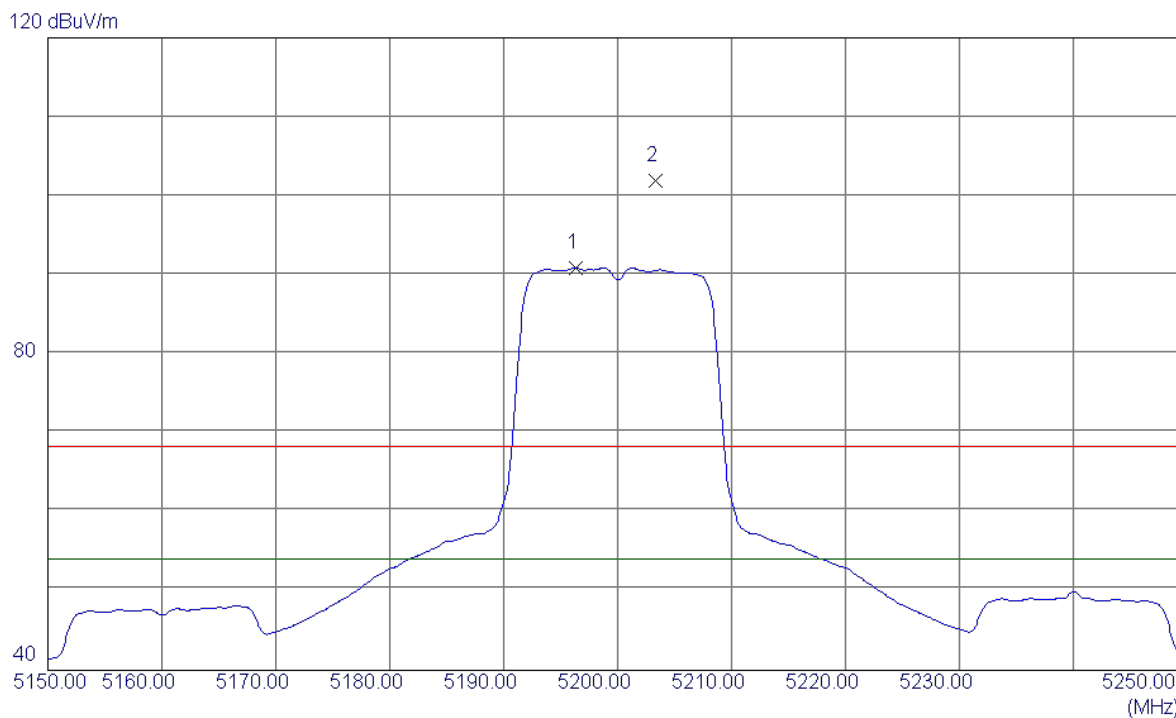
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.1200	35.27	14.40	49.67	68.30	-18.63	Peak	
2	10400.3000	22.95	14.40	37.35	54.00	-16.65	AVG	

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

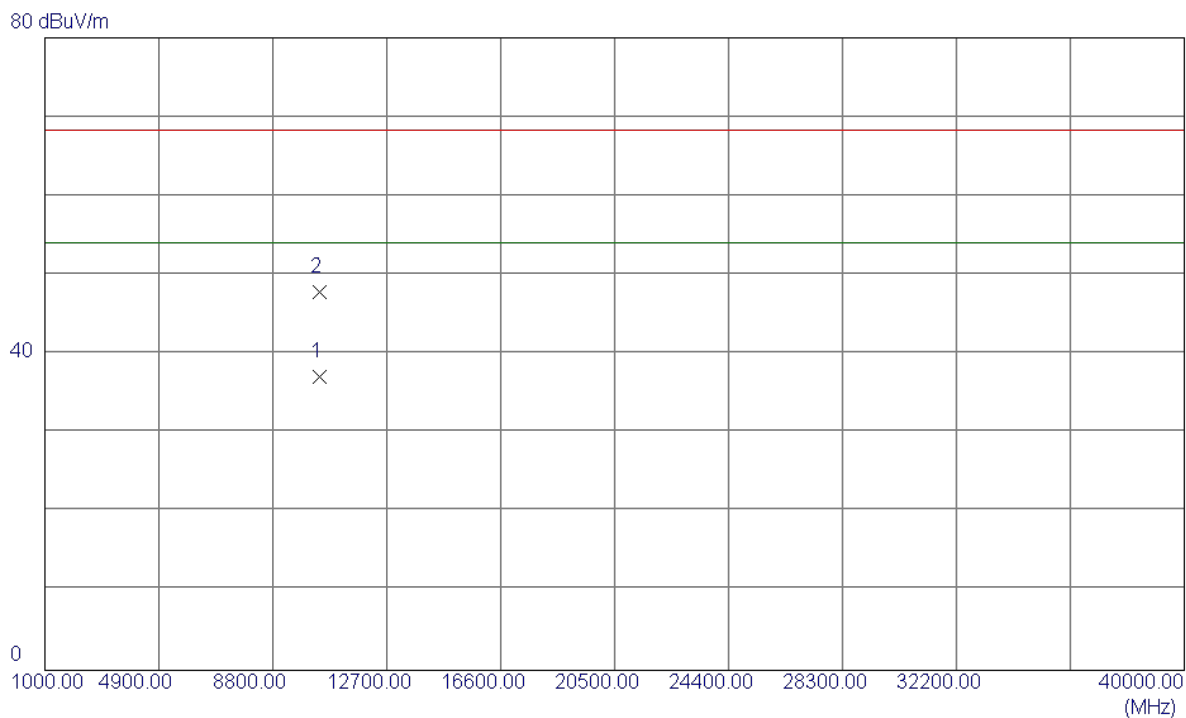
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment		dB			
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB			
1	5196.3000	50.60	40.32	90.92	54.00	36.92		AVG	No Limit
2	5203.3000	61.52	40.33	101.85	68.30	33.55		Peak	No Limit

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

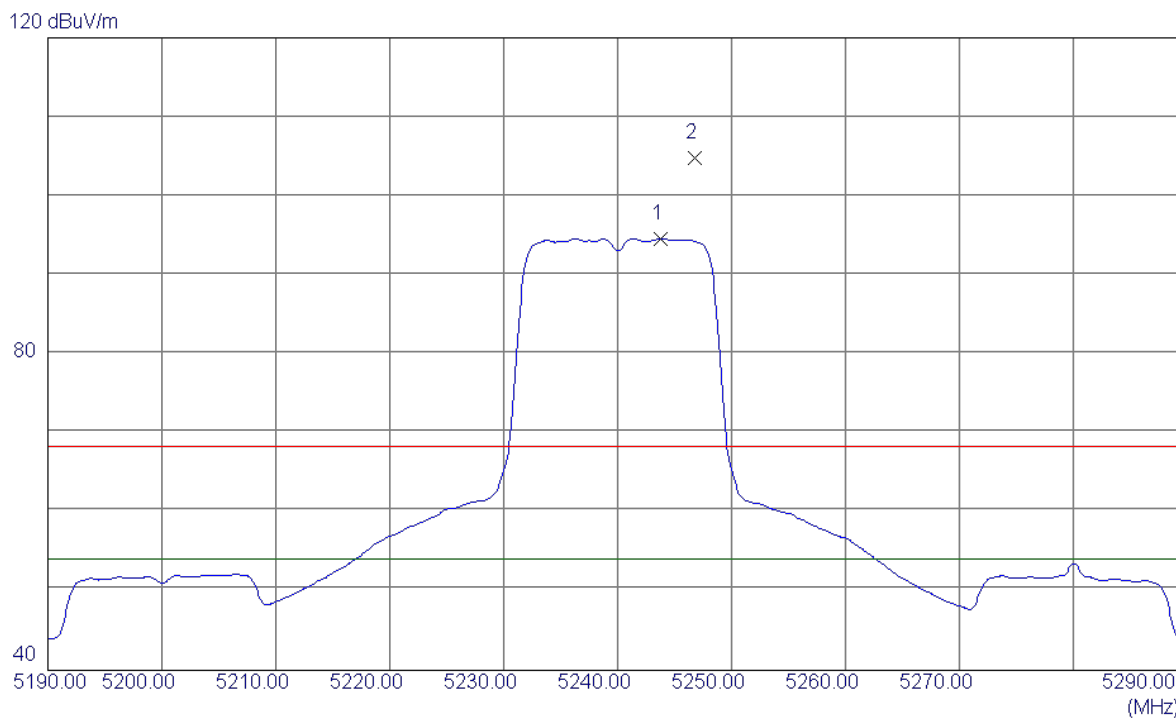
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.8500	22.68	14.40	37.08	54.00	-16.92	AVG	
2	10400.1200	33.51	14.40	47.91	68.30	-20.39	Peak	

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

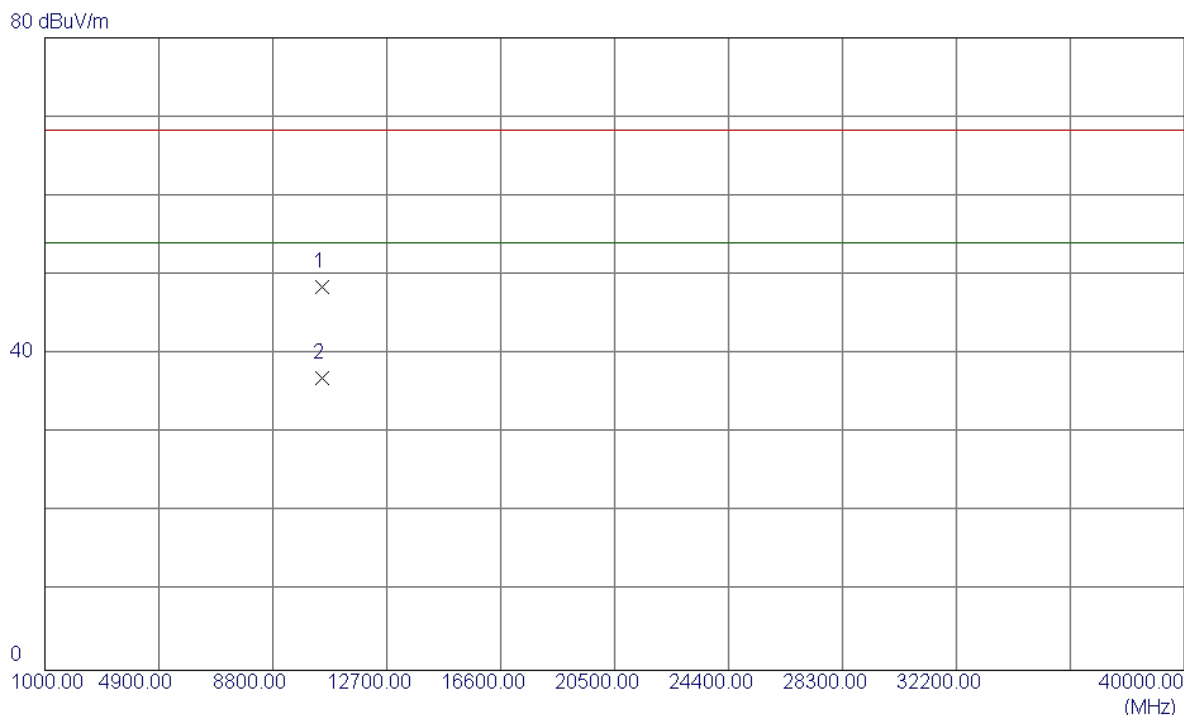
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment	dBuV/m	dB			
1	5243.8000	54.20	40.42	94.62	54.00	40.62		AVG	No Limit
2	5246.8000	64.31	40.42	104.73	68.30	36.43		Peak	No Limit

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

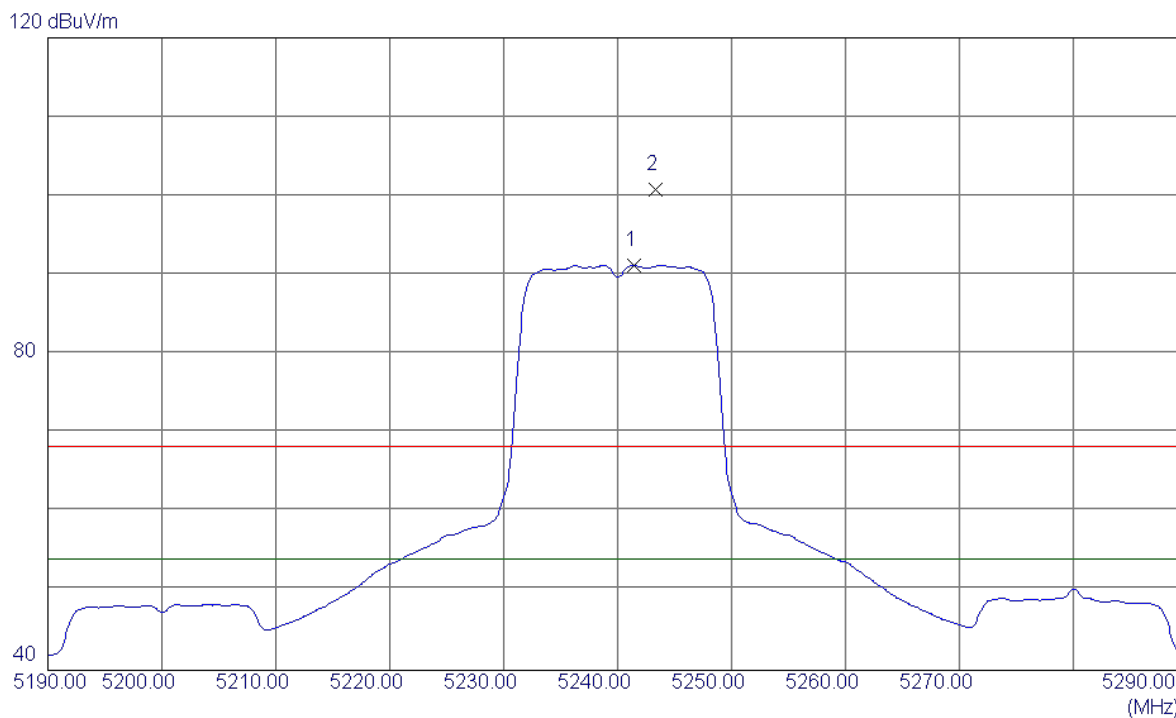
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.6800	33.89	14.56	48.45	68.30	-19.85	Peak	
2	10480.1300	22.42	14.56	36.98	54.00	-17.02	AVG	

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

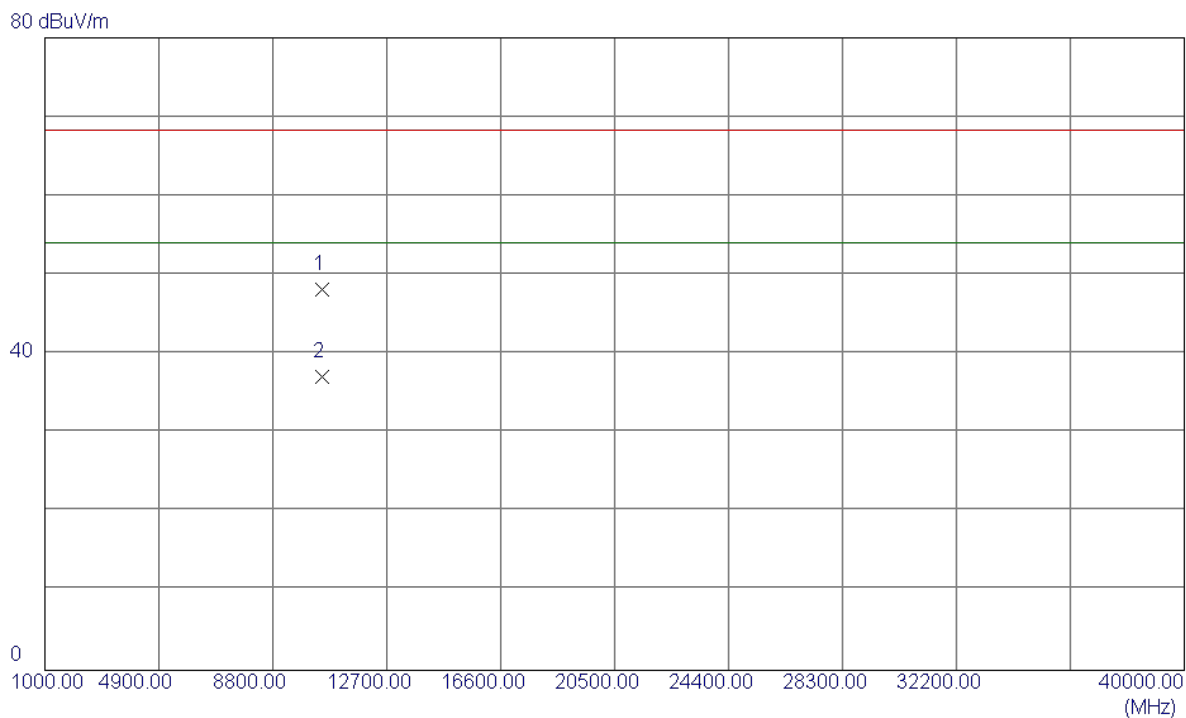
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	dB			
1	5241.4000	50.85	40.41	91.26	68.30	22.96		Peak	No Limit
2	5243.3000	60.43	40.42	100.85	68.30	32.55		Peak	No Limit

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

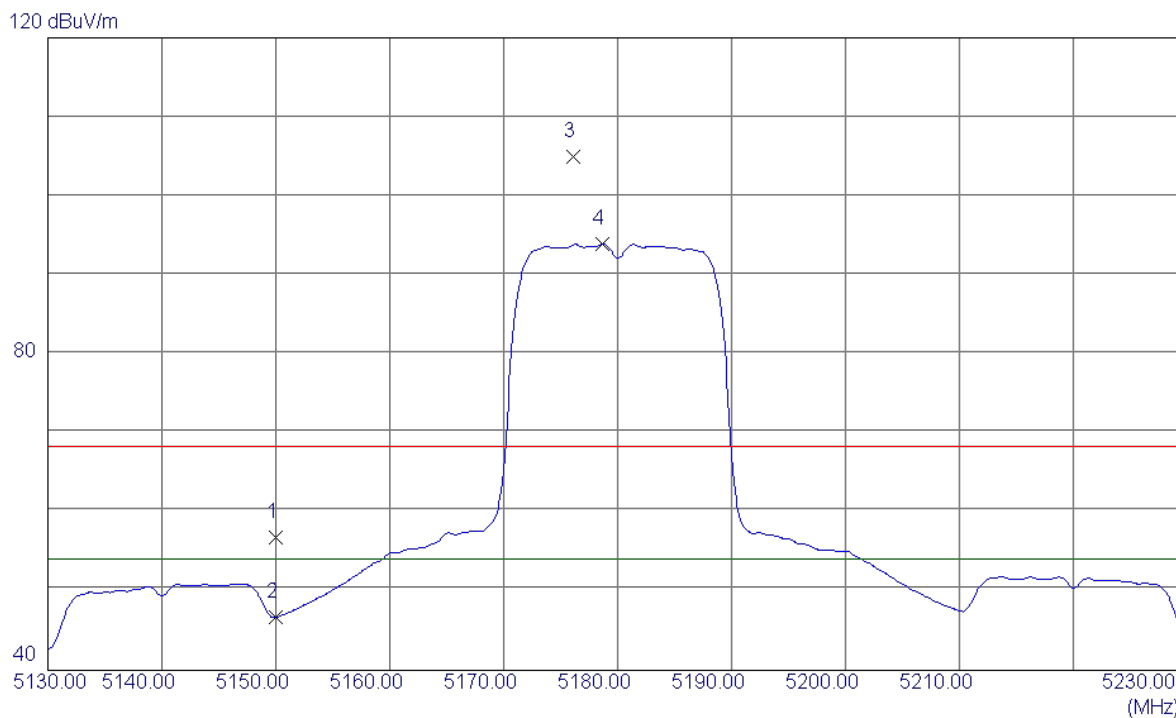
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.8200	33.58	14.56	48.14	68.30	-20.16	Peak	
2	10480.1700	22.63	14.56	37.19	54.00	-16.81	AVG	

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

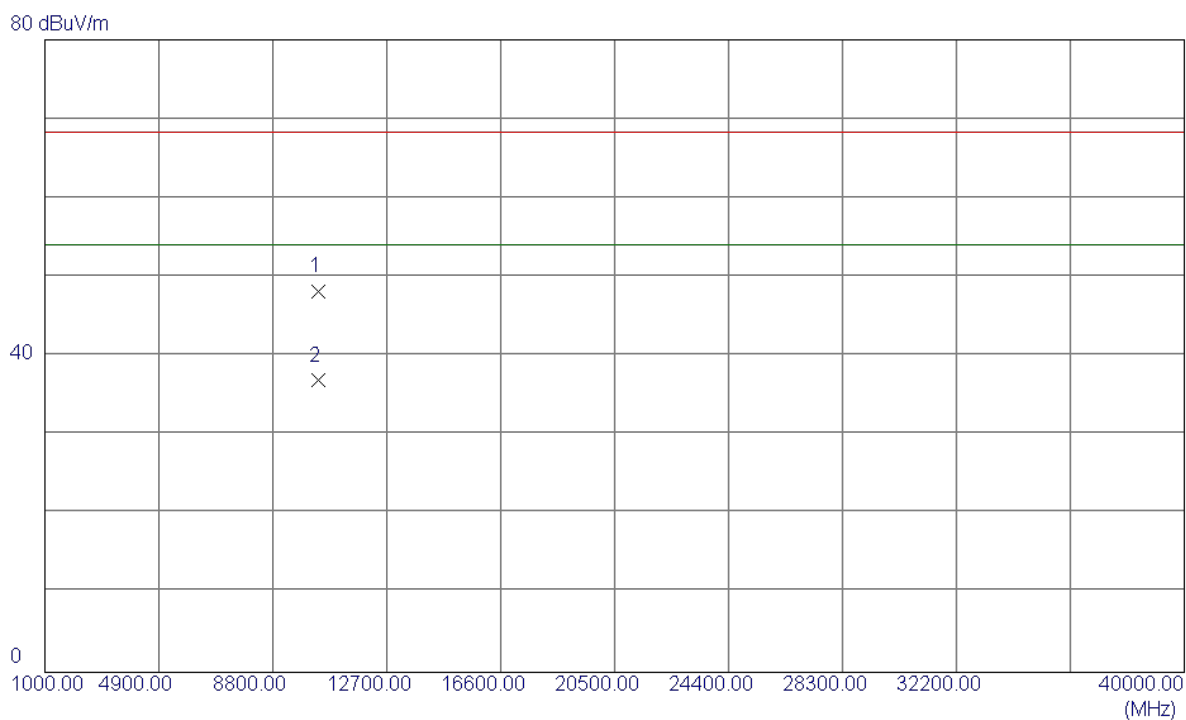
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	16.54	40.22	56.76	68.30	-11.54	Peak	
2	5150.0000	6.49	40.22	46.71	54.00	-7.29	AVG	
3	5176.1000	64.62	40.27	104.89	68.30	36.59	Peak	No Limit
4	5178.7000	53.61	40.28	93.89	54.00	39.89	AVG	No Limit

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

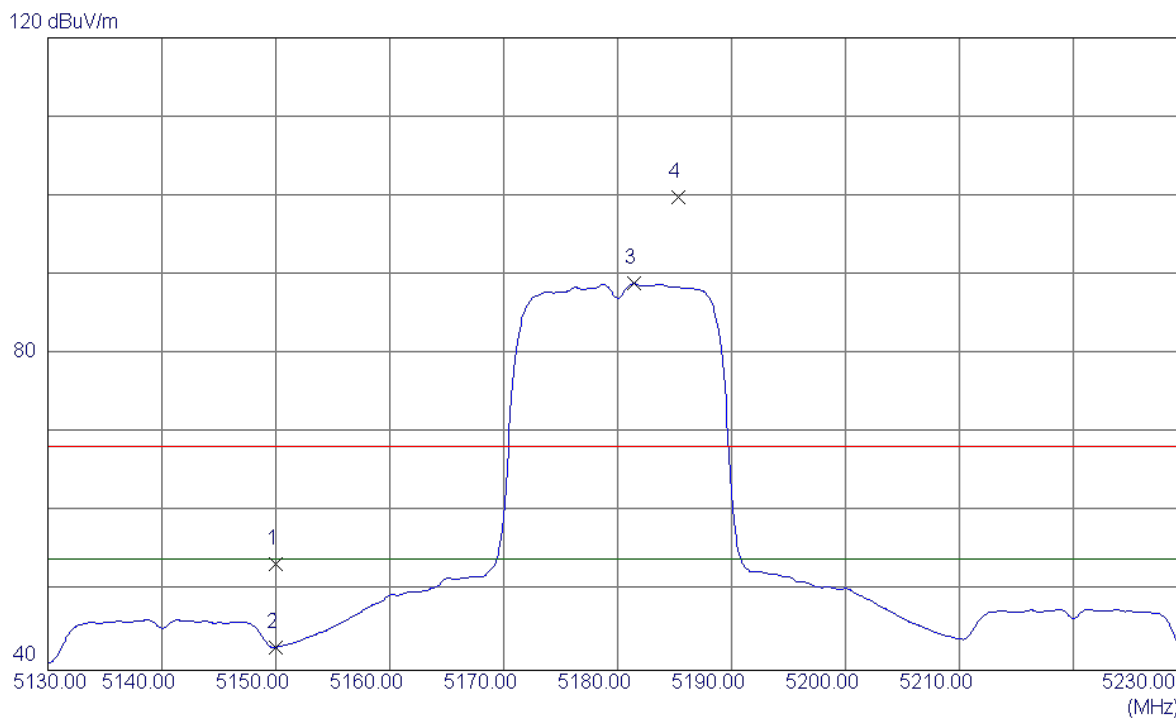
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.2500	33.85	14.33	48.18	68.30	-20.12	Peak	
2	10360.3800	22.55	14.33	36.88	54.00	-17.12	AVG	

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

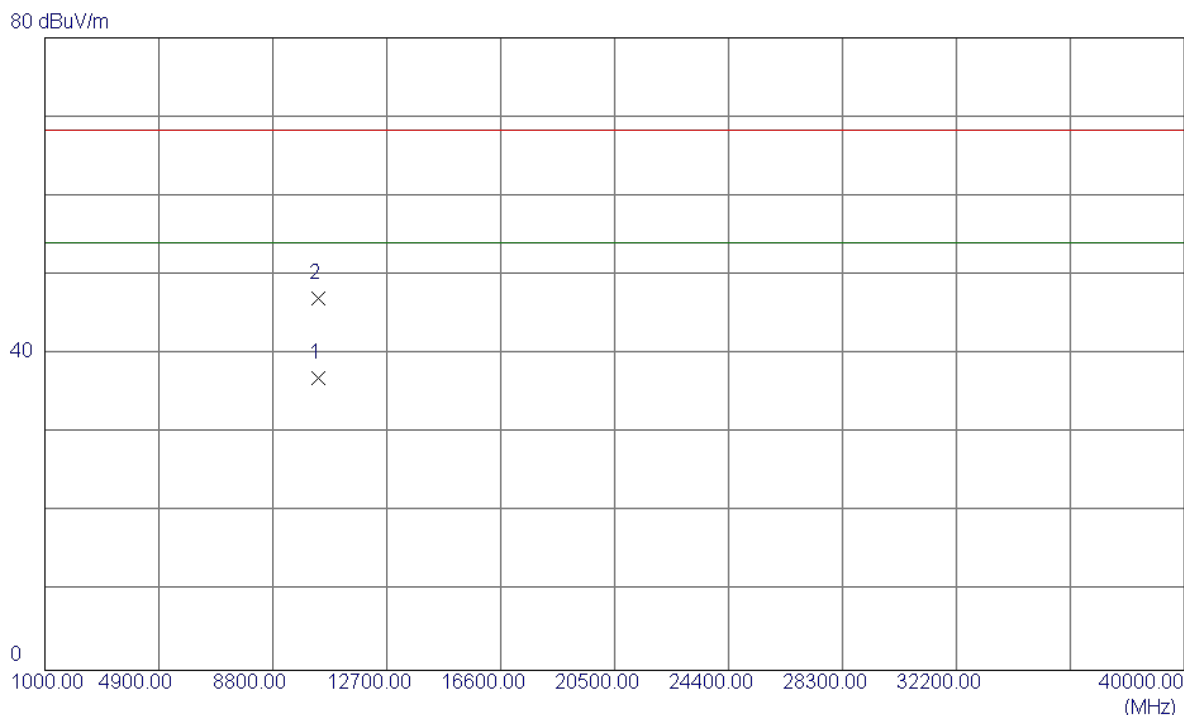
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	13.20	40.22	53.42	68.30	-14.88	Peak	
2	5150.0000	2.68	40.22	42.90	68.30	-25.40	Peak	
3	5181.4000	48.64	40.28	88.92	68.30	20.62	Peak	No Limit
4	5185.3000	59.62	40.29	99.91	68.30	31.61	Peak	No Limit

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

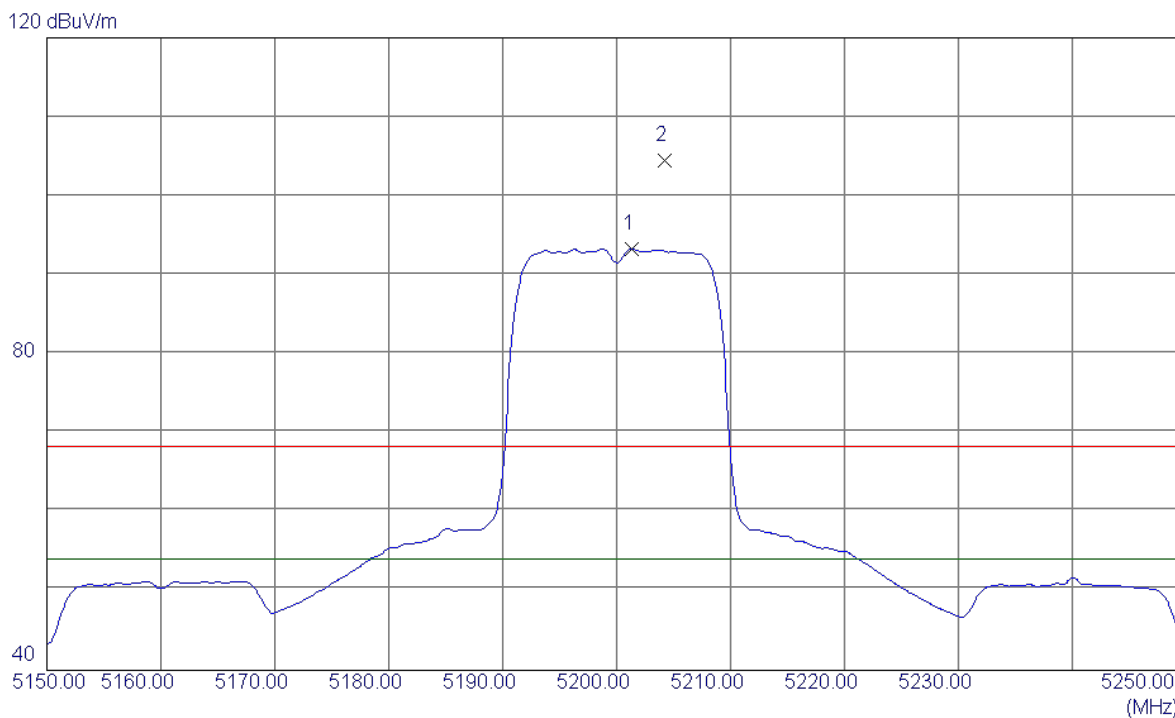
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.6000	22.61	14.33	36.94	54.00	-17.06	AVG	
2	10360.6000	32.72	14.33	47.05	68.30	-21.25	Peak	

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

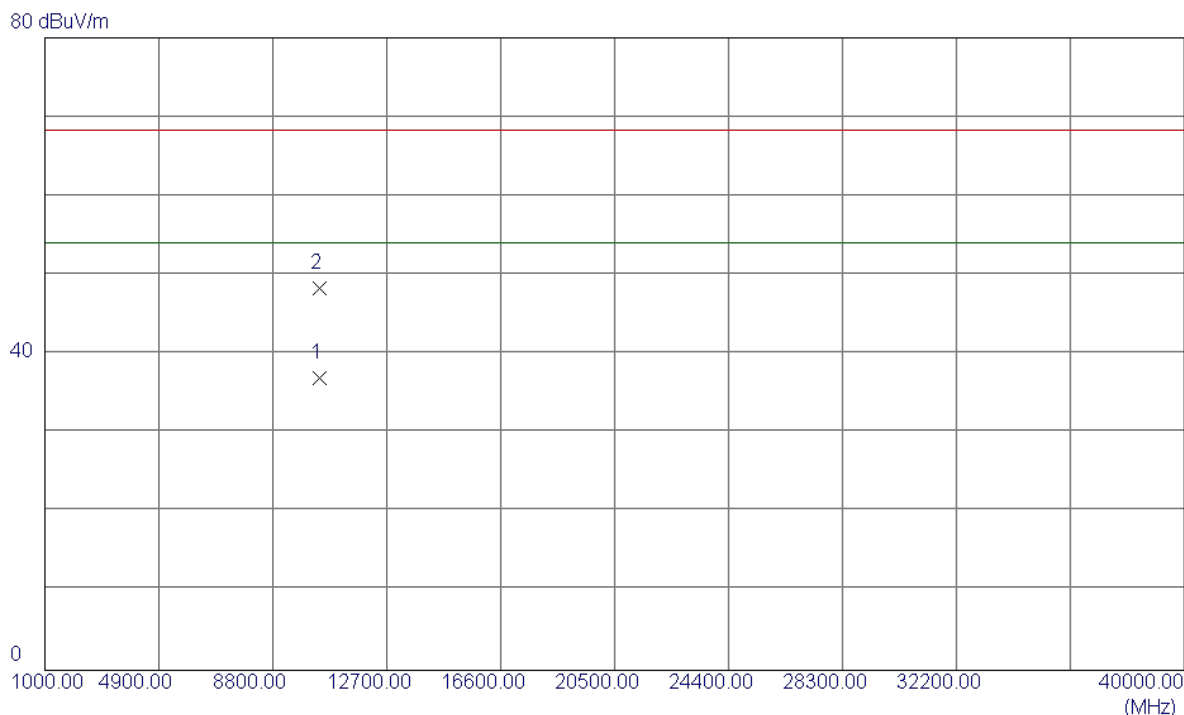
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment		dB			
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB			
1	5201.3000	52.98	40.33	93.31	54.00	39.31		AVG	No Limit
2	5204.2000	64.19	40.33	104.52	68.30	36.22		Peak	No Limit

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

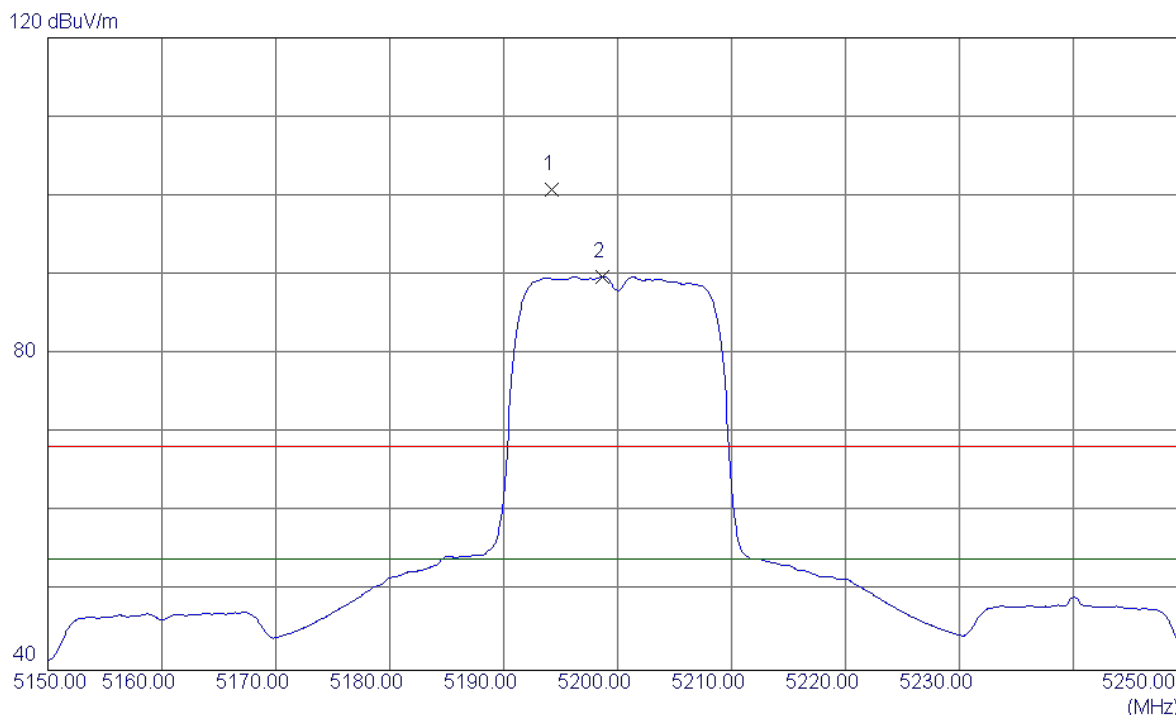
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.7600	22.63	14.40	37.03	54.00	-16.97	AVG	
2	10400.1300	33.92	14.40	48.32	68.30	-19.98	Peak	

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

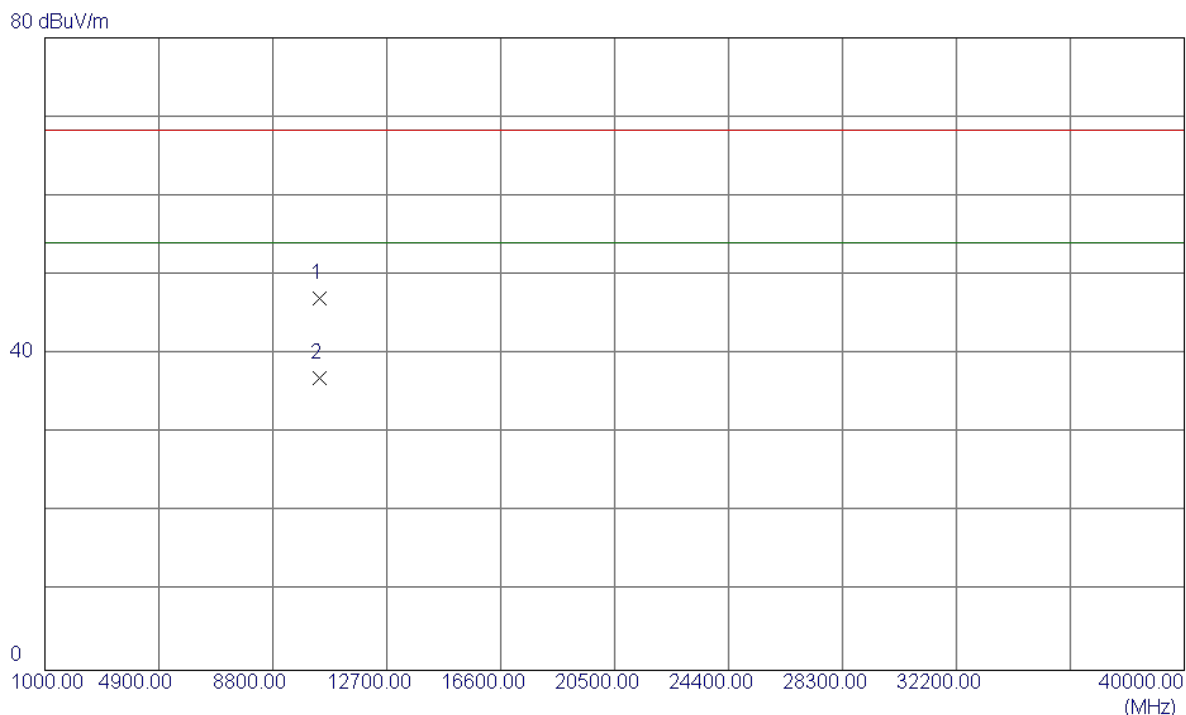
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit		Over		Comment
	MHz	Level	Factor	ment	dBuV/m	dB	Detector		
1	5194.2000	60.44	40.31	100.75	68.30	32.45	Peak	No Limit	
2	5198.7000	49.52	40.32	89.84	54.00	35.84	AVG	No Limit	

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

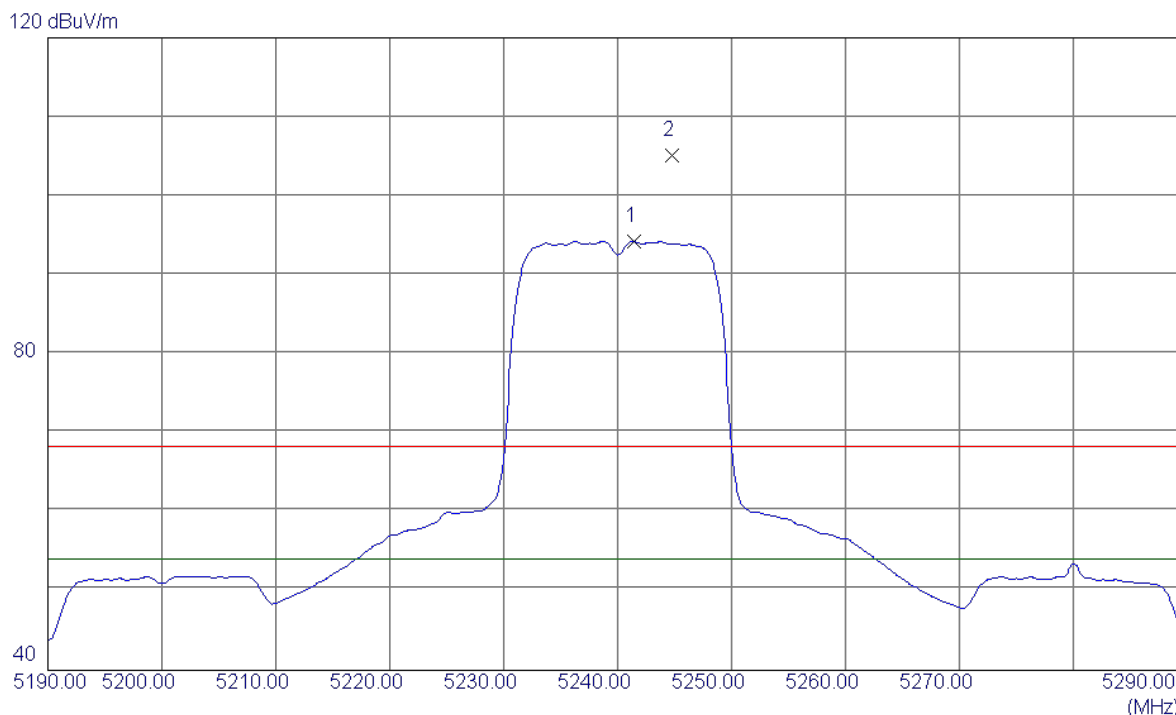
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.2000	32.65	14.40	47.05	68.30	-21.25	Peak	
2	10400.4800	22.54	14.40	36.94	54.00	-17.06	AVG	

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

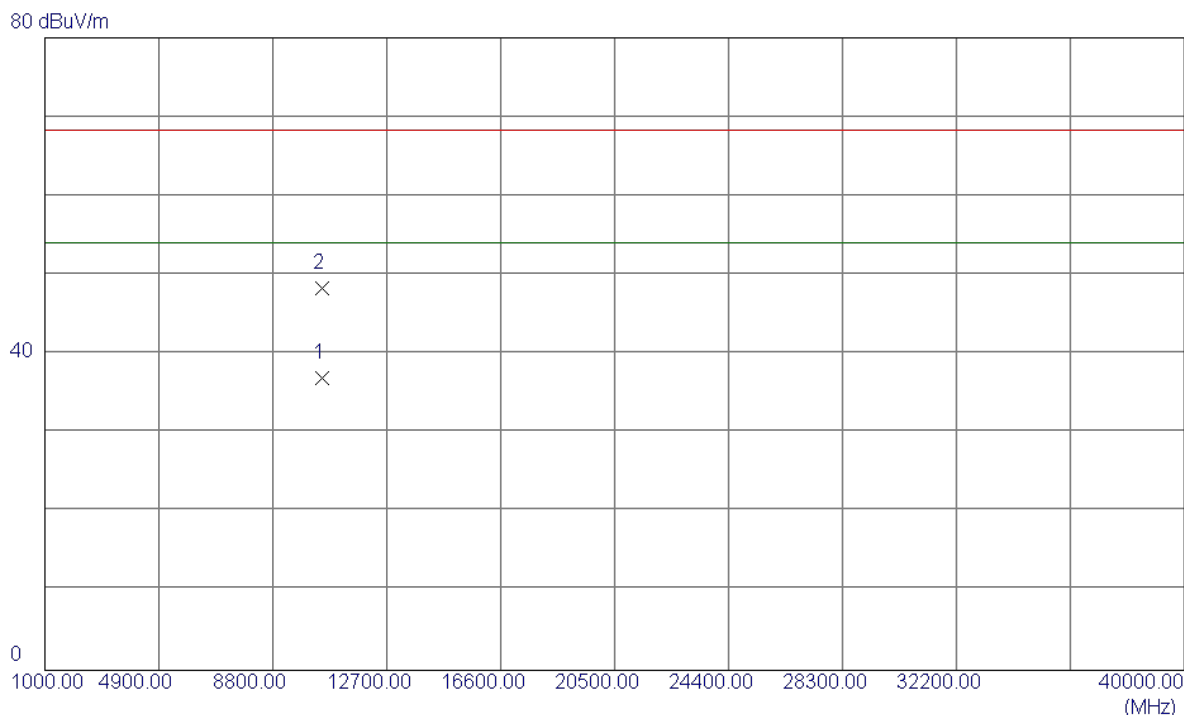
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5241.4000	53.88	40.41	94.29	54.00	40.29	AVG	No Limit	
2	5244.8000	64.65	40.42	105.07	68.30	36.77	Peak	No Limit	

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

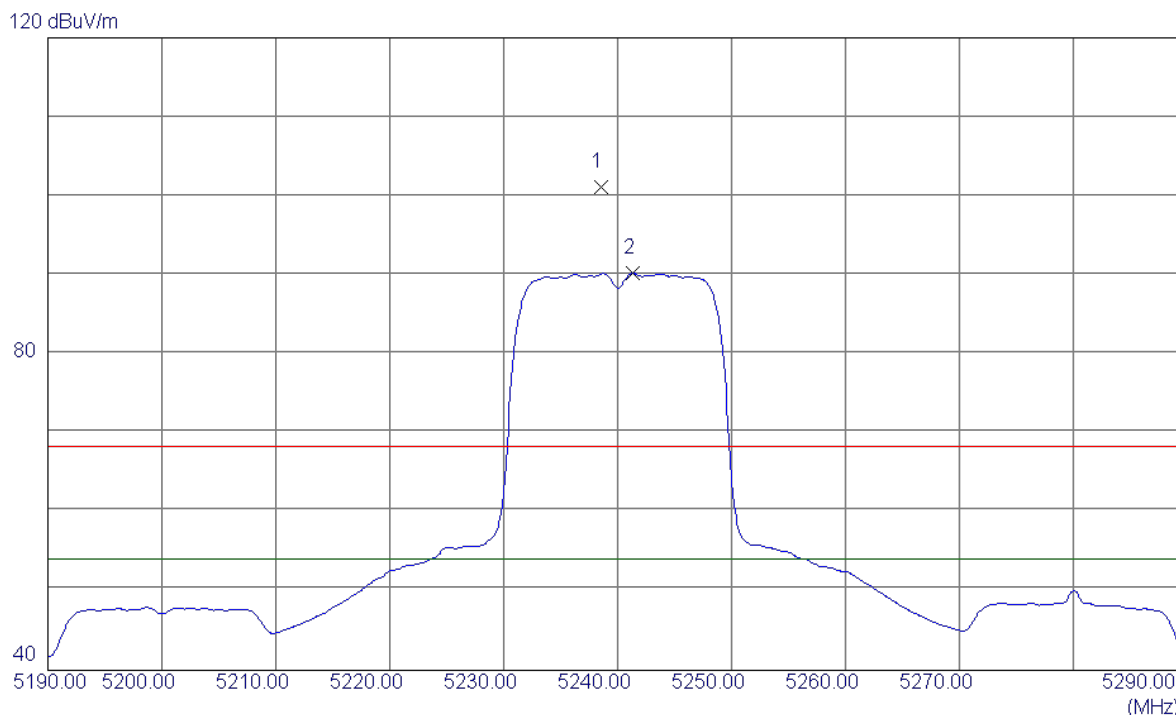
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.9600	22.35	14.56	36.91	54.00	-17.09	AVG	
2	10480.4300	33.82	14.56	48.38	68.30	-19.92	Peak	

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

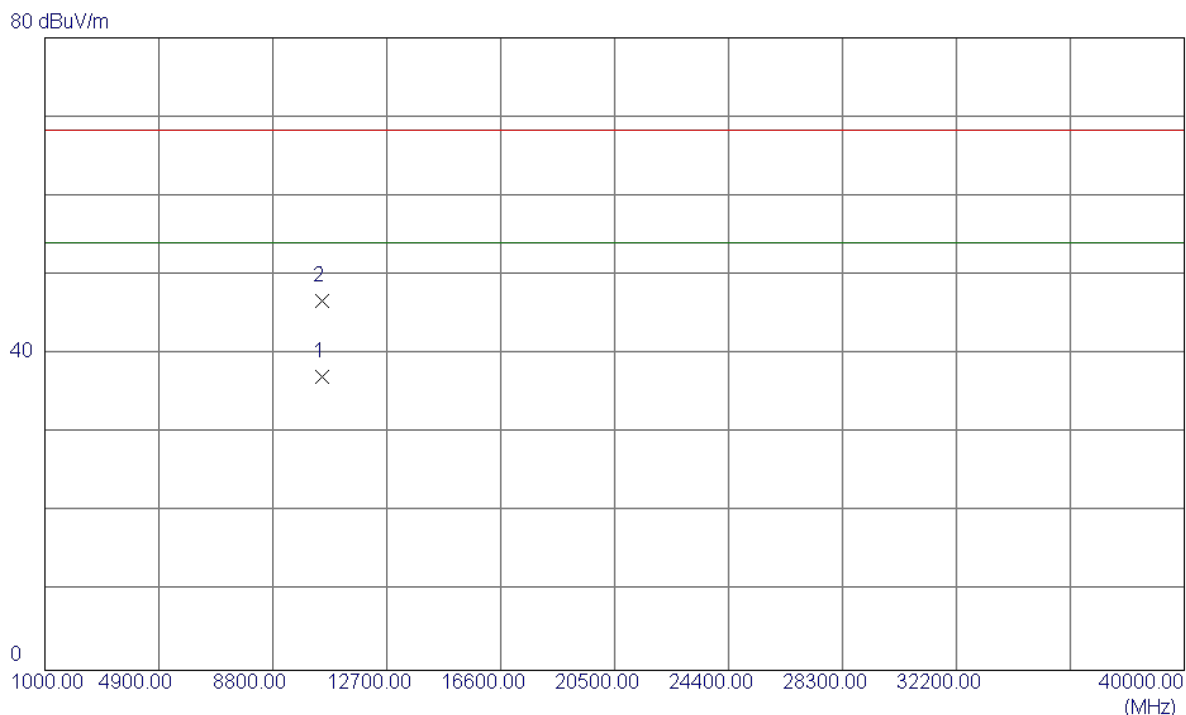
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment	dBuV/m	dB			
1	5238.5000	60.75	40.41	101.16	68.30	32.86		Peak	No Limit
2	5241.3000	49.77	40.41	90.18	54.00	36.18		AVG	No Limit

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

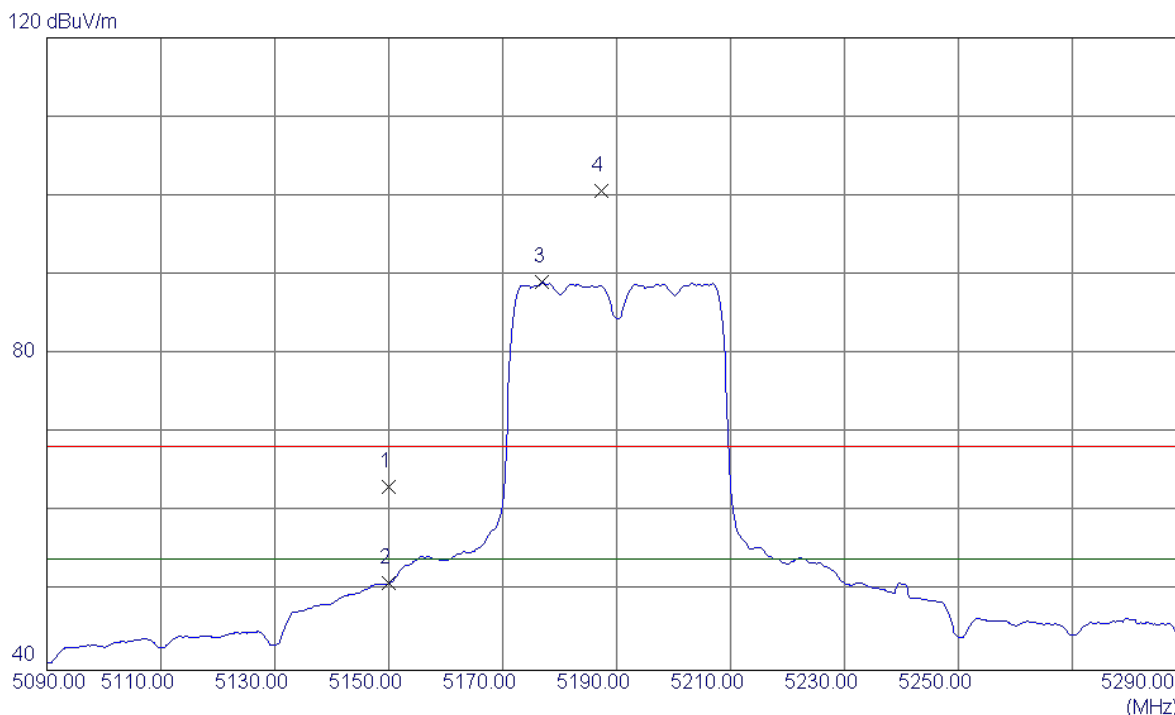
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10480.2699	22.55	14.56	37.11	54.00	-16.89	AVG	
2	10480.5599	32.13	14.56	46.69	68.30	-21.61	Peak	

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

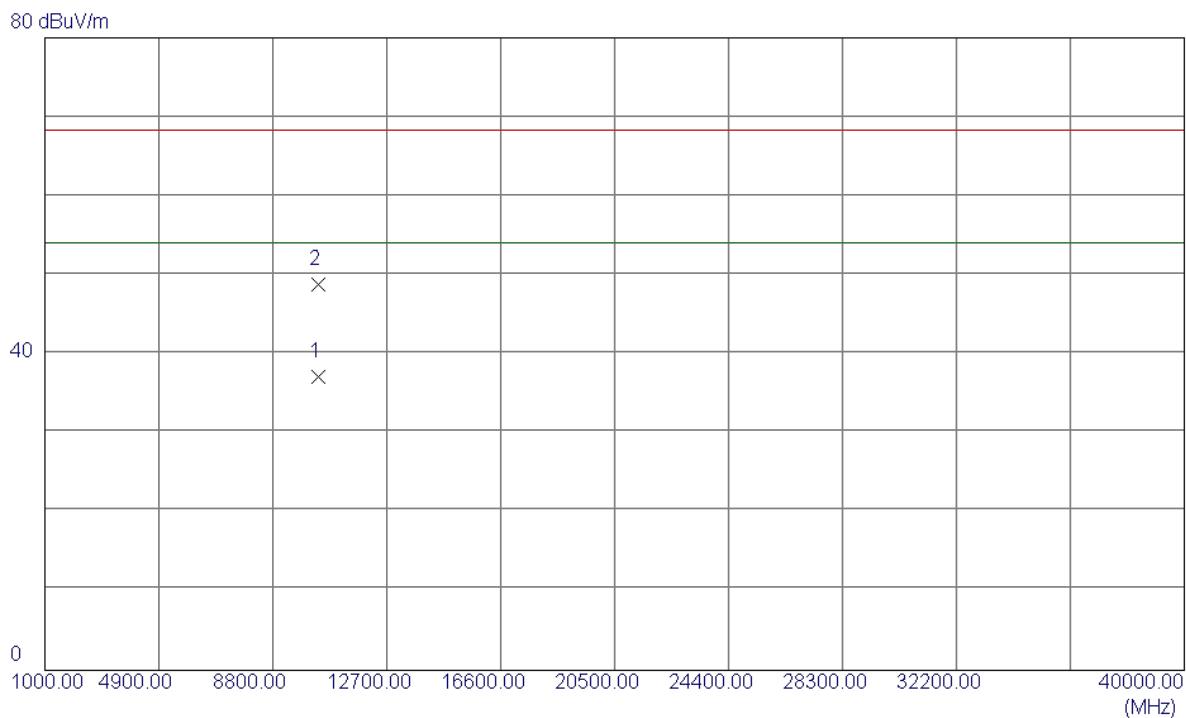
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	22.91	40.22	63.13	68.30	-5.17	Peak	
2	5150.0000	10.75	40.22	50.97	54.00	-3.03	AVG	
3	5177.0000	48.76	40.28	89.04	54.00	35.04	AVG	No Limit
4	5187.4000	60.30	40.30	100.60	68.30	32.30	Peak	No Limit

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

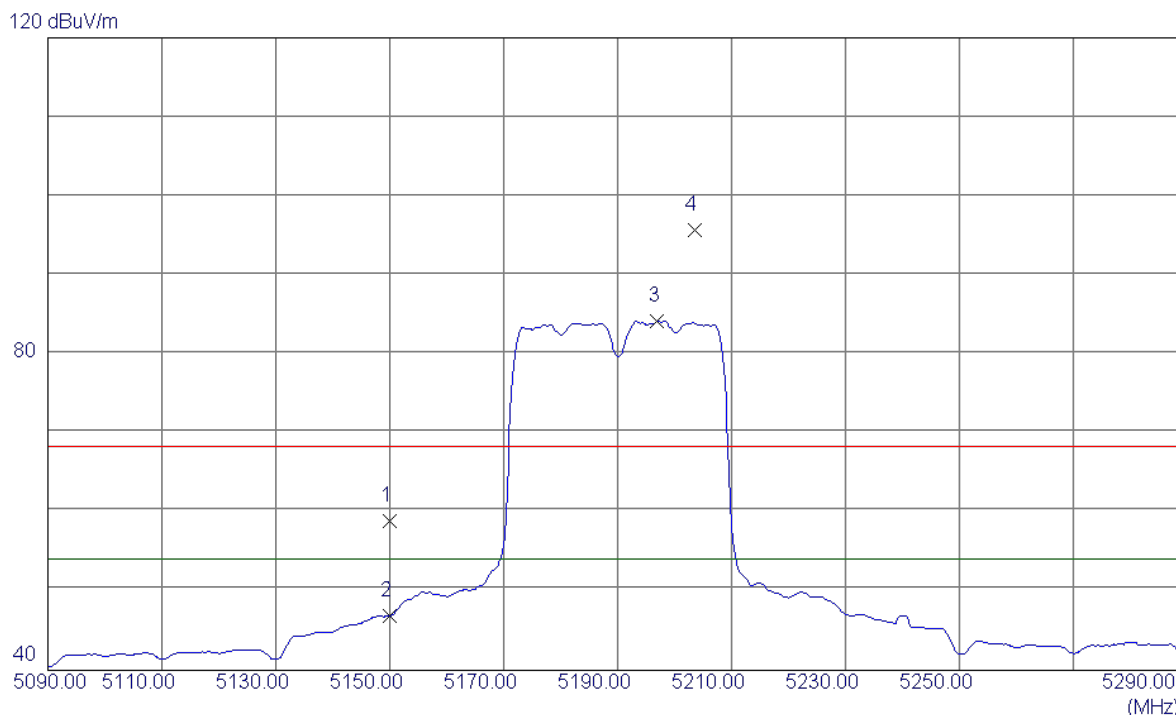
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.8000	22.79	14.37	37.16	54.00	-16.84	AVG	
2	10380.6000	34.50	14.37	48.87	68.30	-19.43	Peak	

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

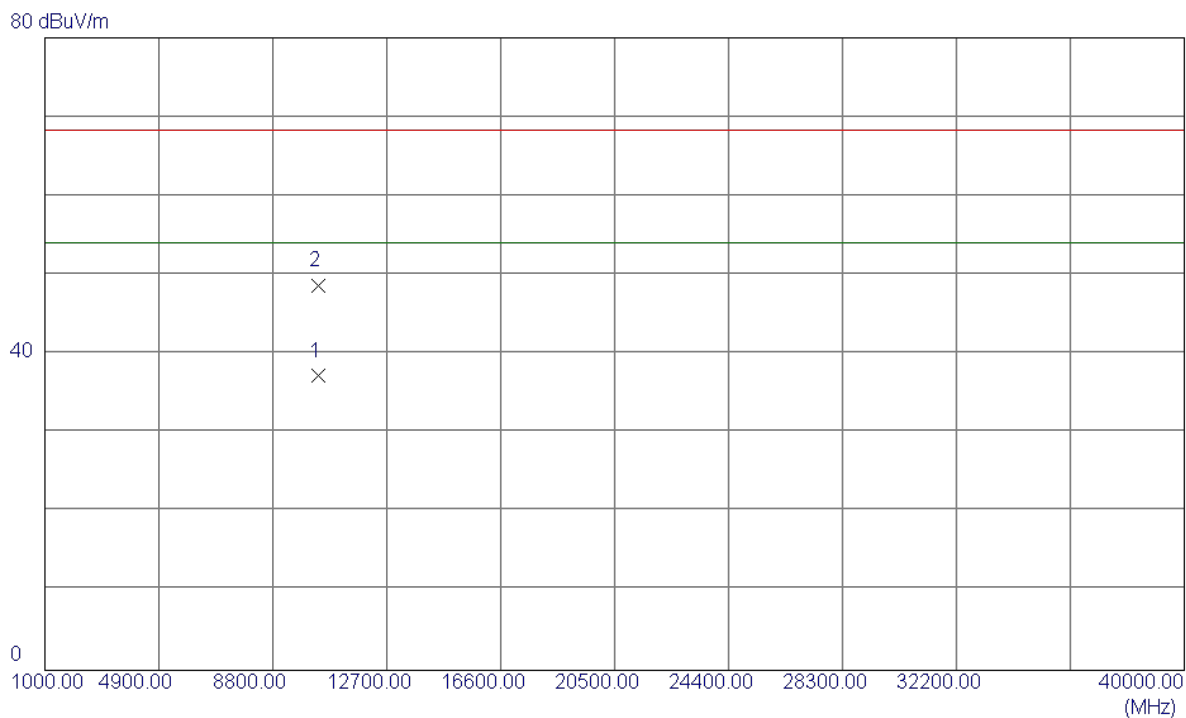
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	18.59	40.22	58.81	68.30	-9.49	Peak	
2	5150.0000	6.64	40.22	46.86	54.00	-7.14	AVG	
3	5197.0000	43.87	40.32	84.19	54.00	30.19	AVG	No Limit
4	5203.6000	55.34	40.33	95.67	68.30	27.37	Peak	No Limit

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

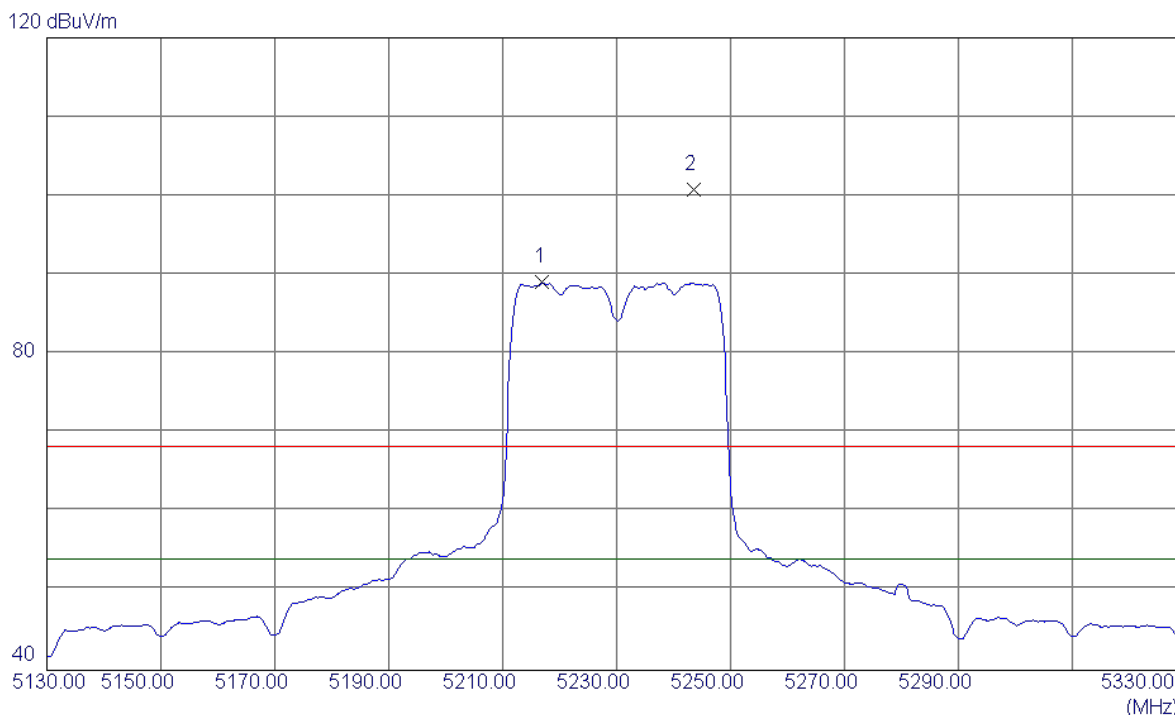
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.2800	22.83	14.37	37.20	54.00	-16.80	AVG	
2	10380.5300	34.28	14.37	48.65	68.30	-19.65	Peak	

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

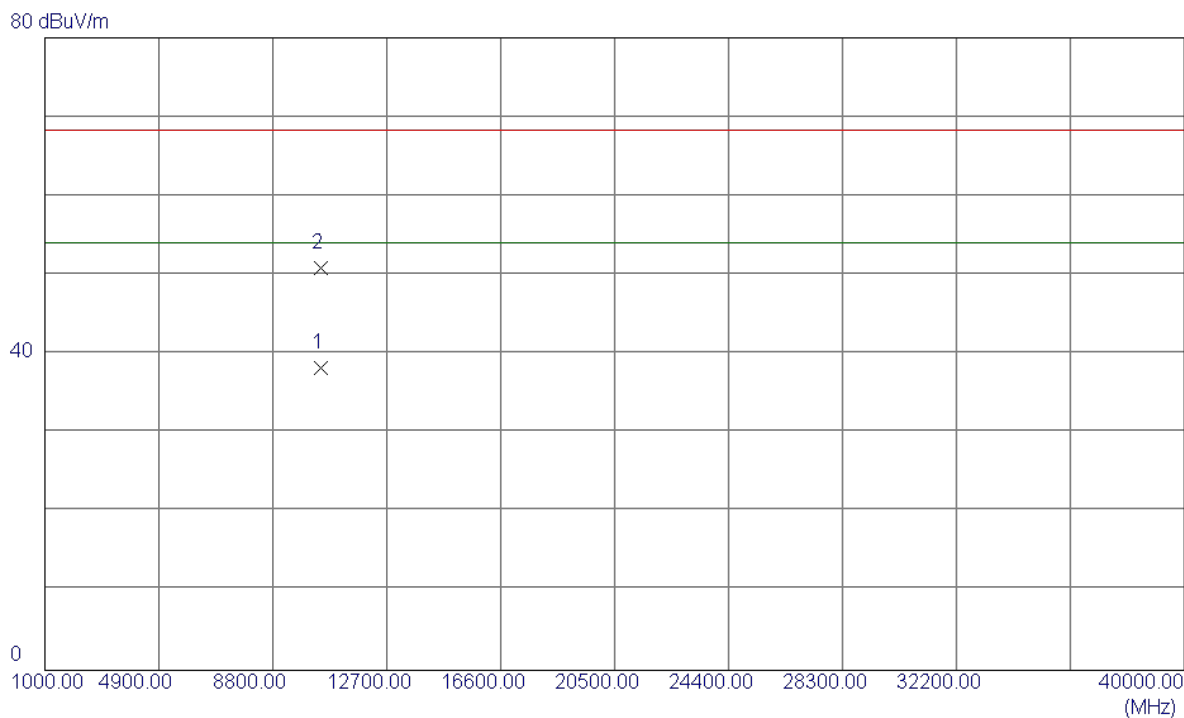
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment		dB			
1	5217.0000	48.68	40.36	89.04	54.00	35.04		AVG	No Limit
2	5243.6000	60.43	40.42	100.85	68.30	32.55		Peak	No Limit

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

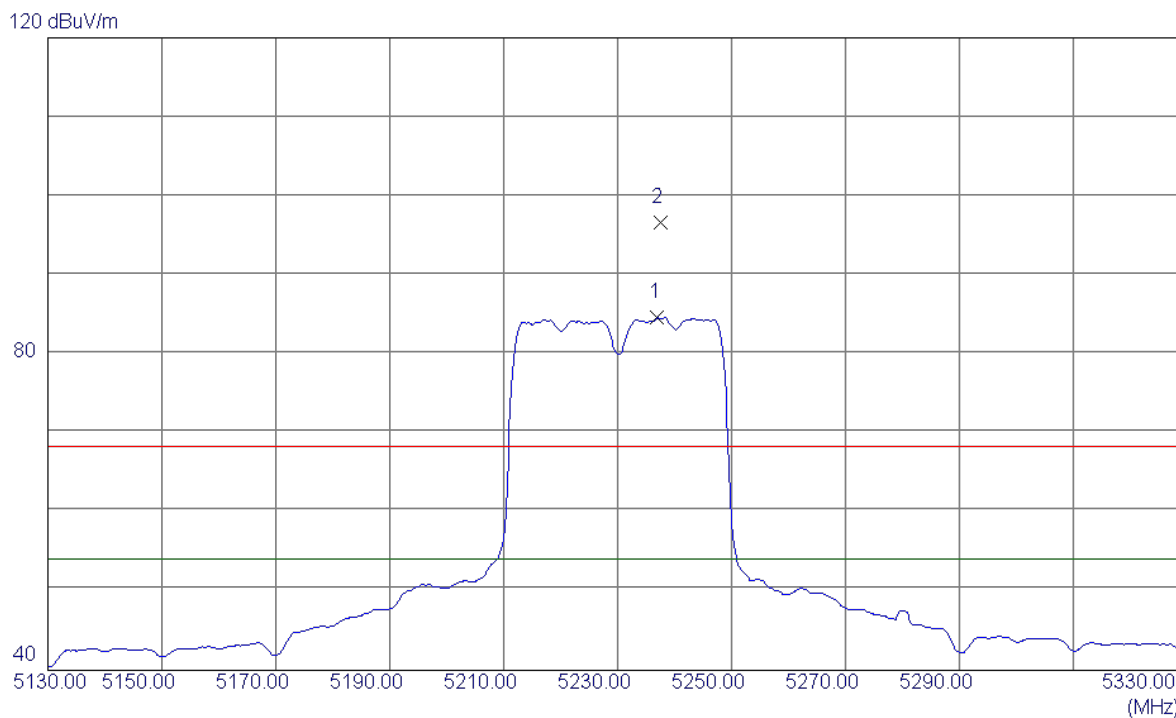
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.2800	23.76	14.52	38.28	54.00	-15.72	AVG	
2	10460.3300	36.39	14.52	50.91	68.30	-17.39	Peak	

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

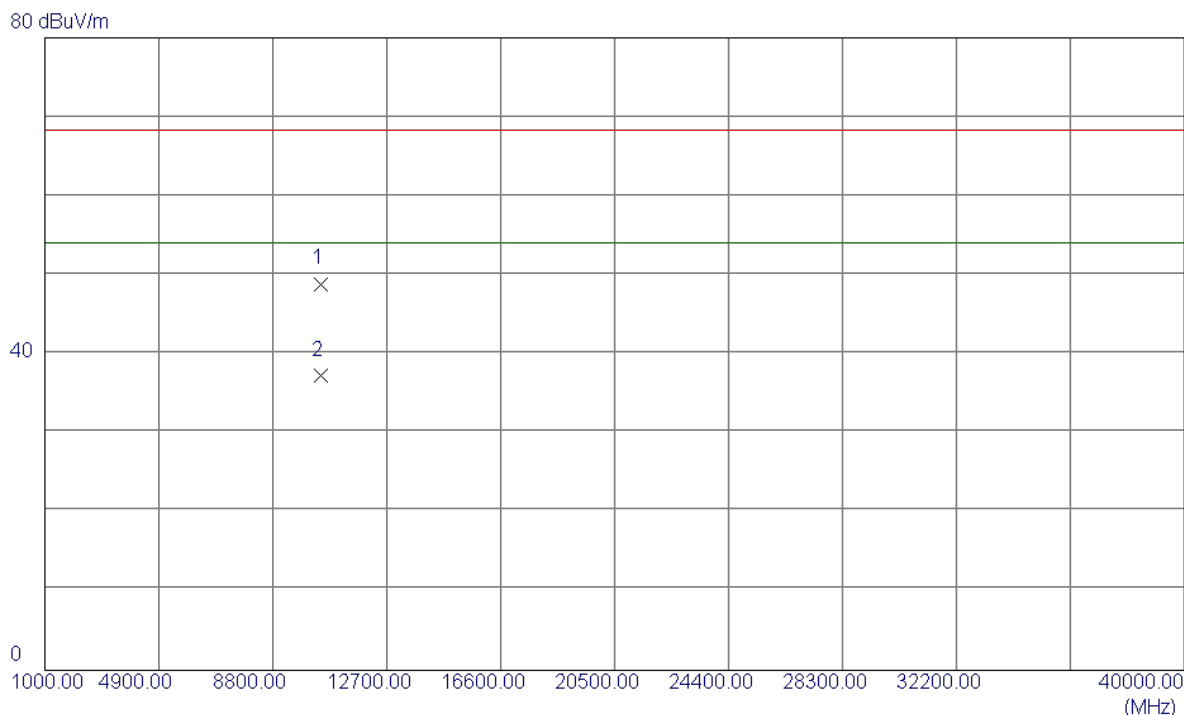
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	Level	Factor	ment		dB			
1	5237.0000	44.21	40.40	84.61	54.00	30.61		AVG	No Limit
2	5237.6000	56.31	40.40	96.71	68.30	28.41		Peak	No Limit

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

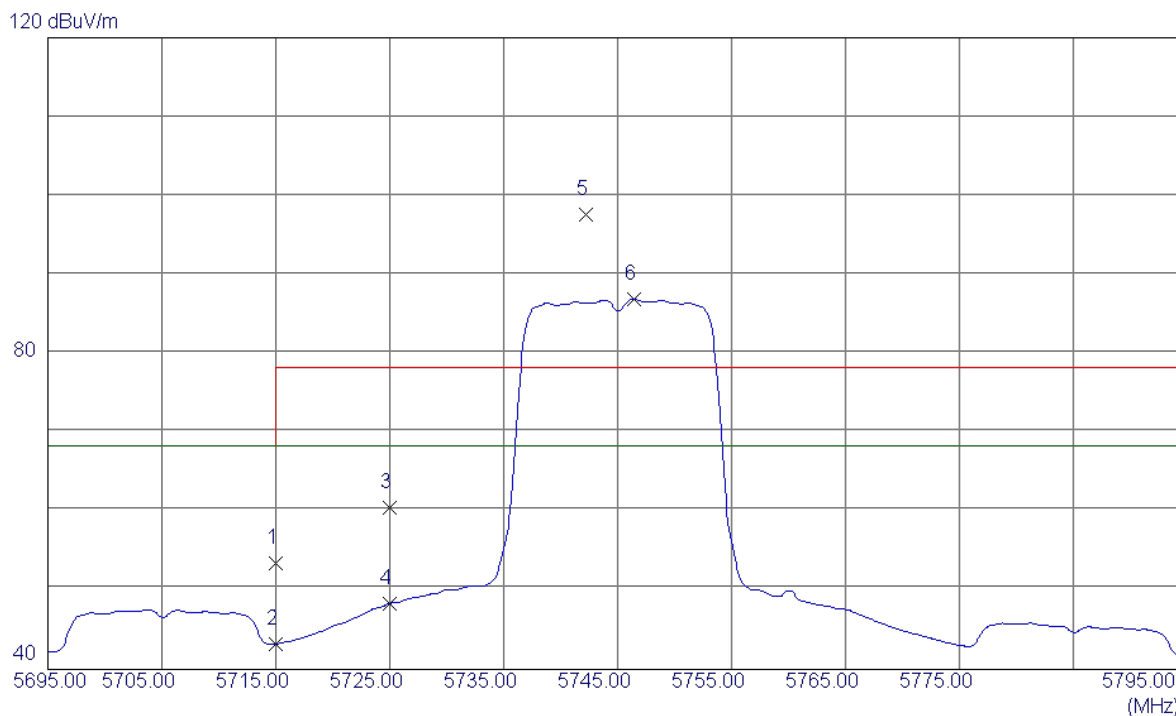
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10459.6400	34.36	14.52	48.88	68.30	-19.42	Peak	
2	10460.5300	22.76	14.52	37.28	54.00	-16.72	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 1

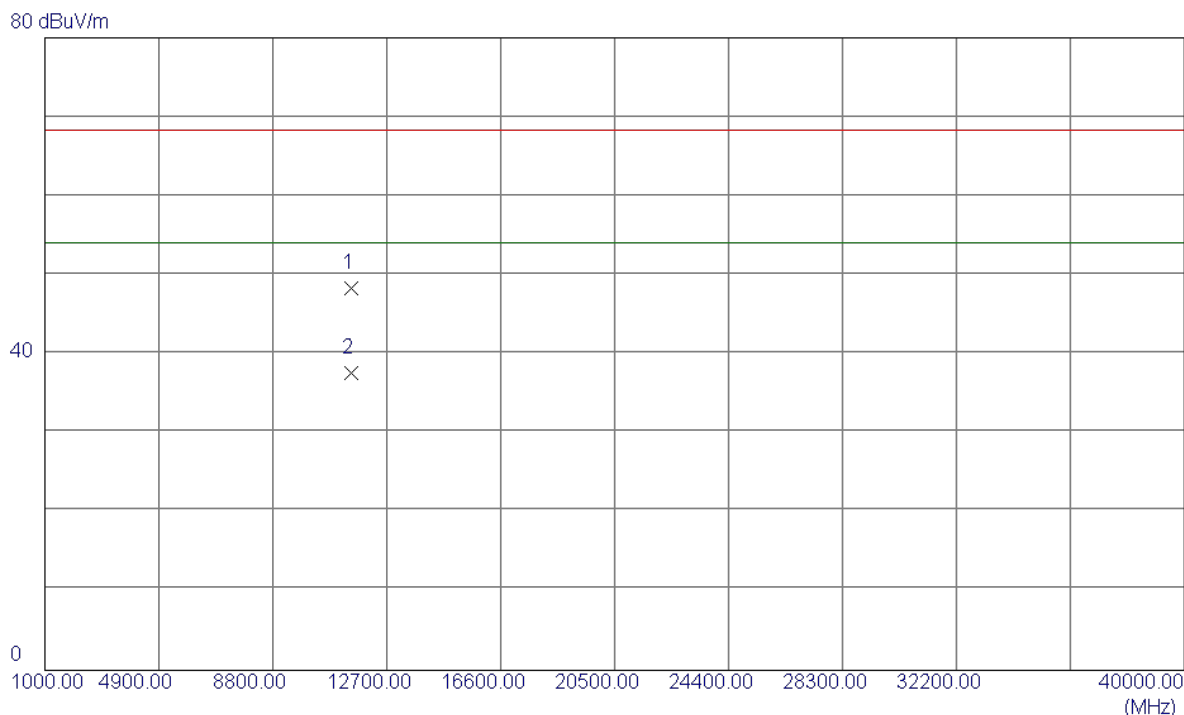
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit	Over	Detector	Comment
	MHz	Level	Factor	ment	dBuV/m	dB		
1	5715.0000	12.16	41.25	53.41	68.30	-14.89	Peak	
2	5715.0000	1.98	41.25	43.23	68.30	-25.07	AVG	
3	5725.0000	19.25	41.27	60.52	78.30	-17.78	Peak	
4	5725.0000	7.08	41.27	48.35	68.30	-19.95	AVG	
5	5742.2000	56.27	41.29	97.56	78.30	19.26	Peak	No Limit
6	5746.4000	45.62	41.30	86.92	68.30	18.62	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 1

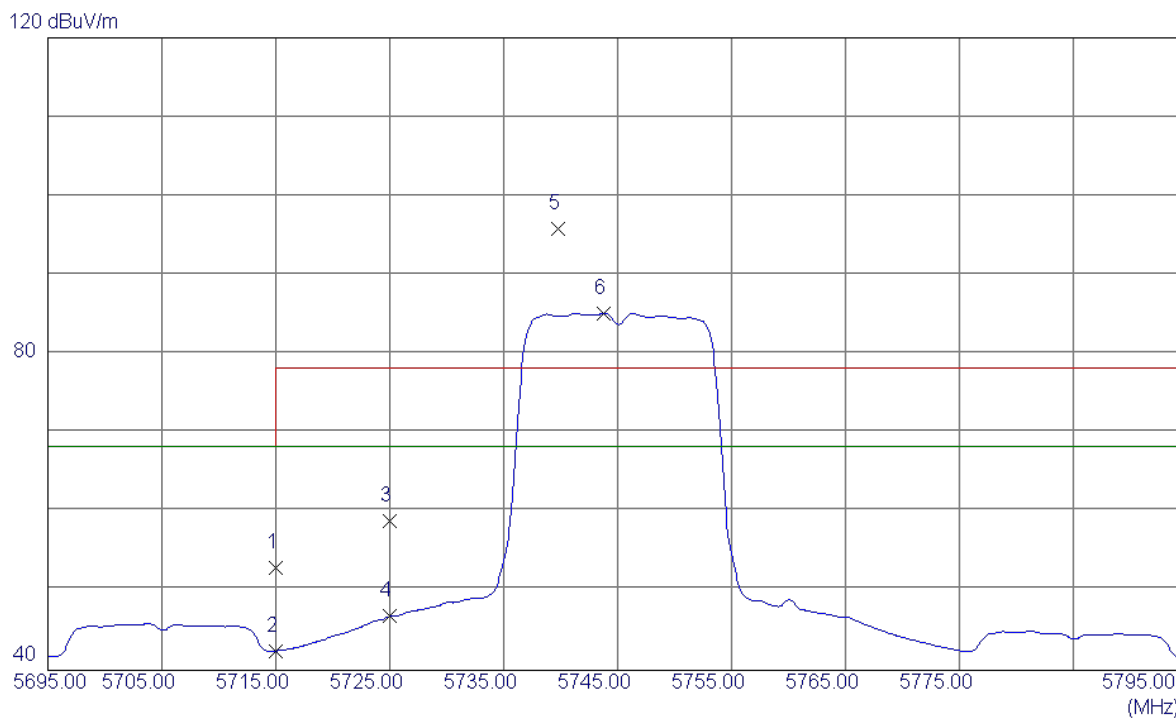
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.3300	32.86	15.52	48.38	68.30	-19.92	Peak	
2	11490.4500	22.12	15.52	37.64	54.00	-16.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 1

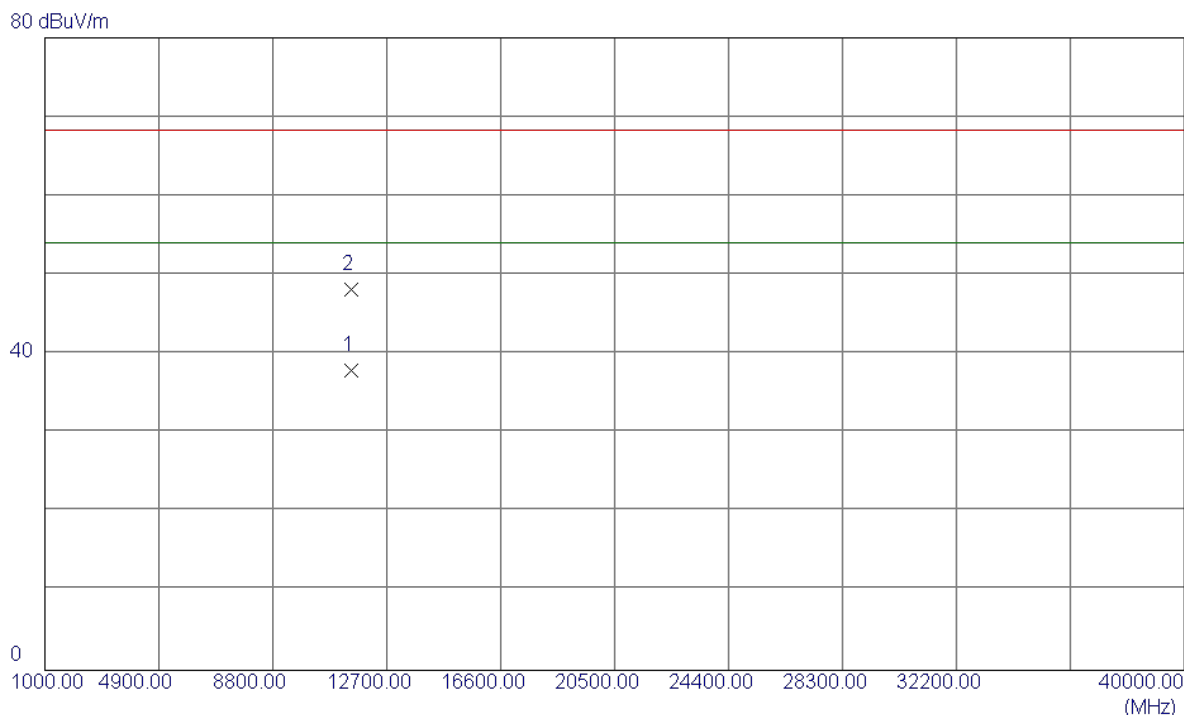
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.77	41.25	53.02	68.30	-15.28	Peak	
2	5715.0000	1.21	41.25	42.46	68.30	-25.84	AVG	
3	5725.0000	17.63	41.27	58.90	78.30	-19.40	Peak	
4	5725.0000	5.54	41.27	46.81	68.30	-21.49	AVG	
5	5739.8000	54.57	41.29	95.86	78.30	17.56	Peak	No Limit
6	5743.8000	43.89	41.29	85.18	68.30	16.88	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 1

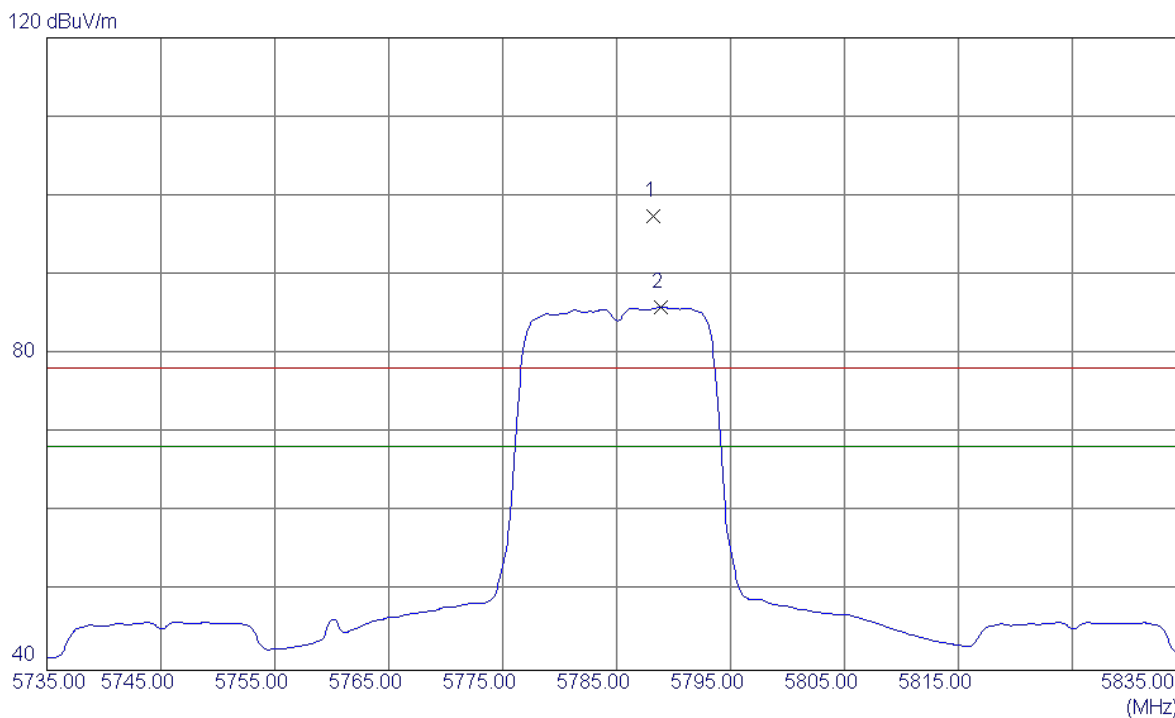
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11489.7800	22.35	15.52	37.87	54.00	-16.13	AVG	
2	11490.3099	32.62	15.52	48.14	68.30	-20.16	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 1

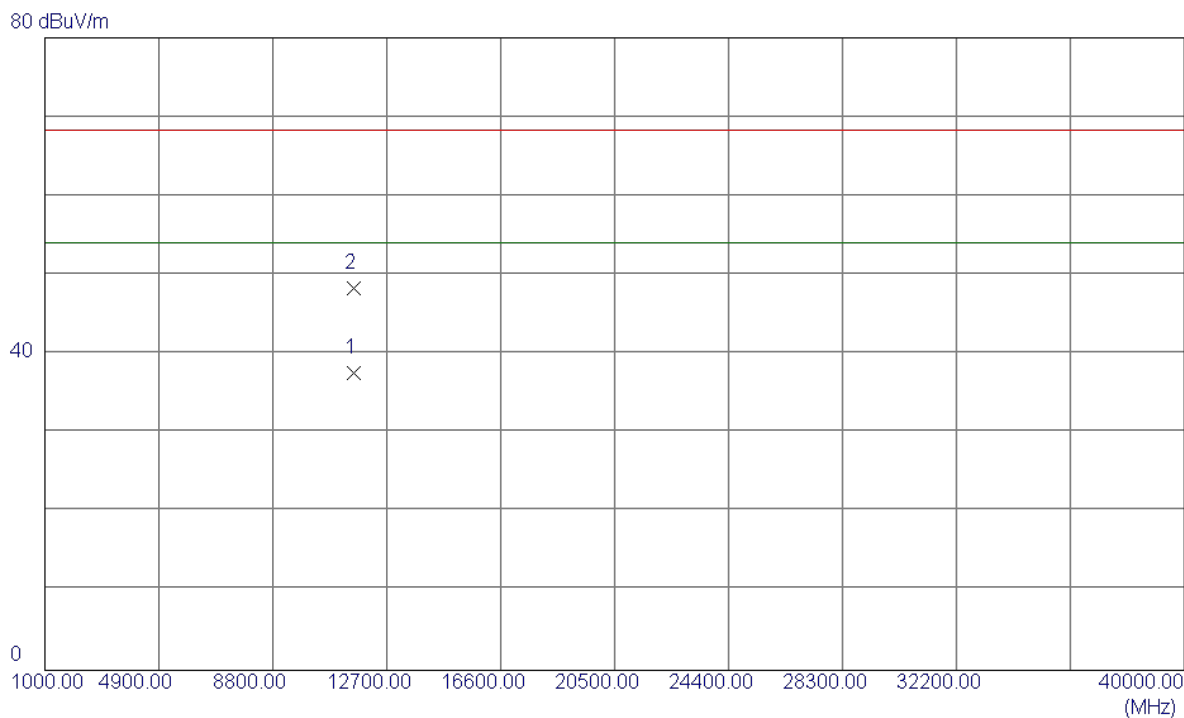
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit		Over		Comment
	MHz	Level	Factor	ment	dBuV/m	dB	Detector		
1	5788.2000	56.04	41.35	97.39	78.30	19.09	Peak	No Limit	
2	5788.9000	44.64	41.35	85.99	68.30	17.69	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 1

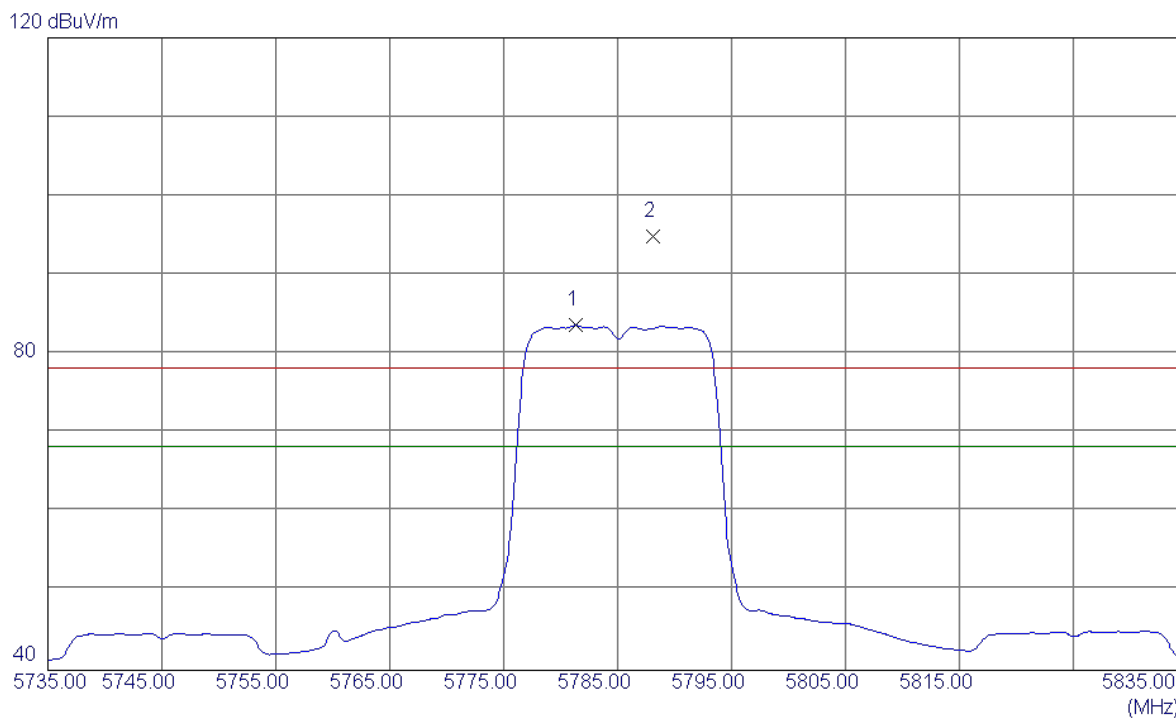
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.8000	22.01	15.55	37.56	54.00	-16.44	AVG	
2	11570.2000	32.70	15.55	48.25	68.30	-20.05	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 1

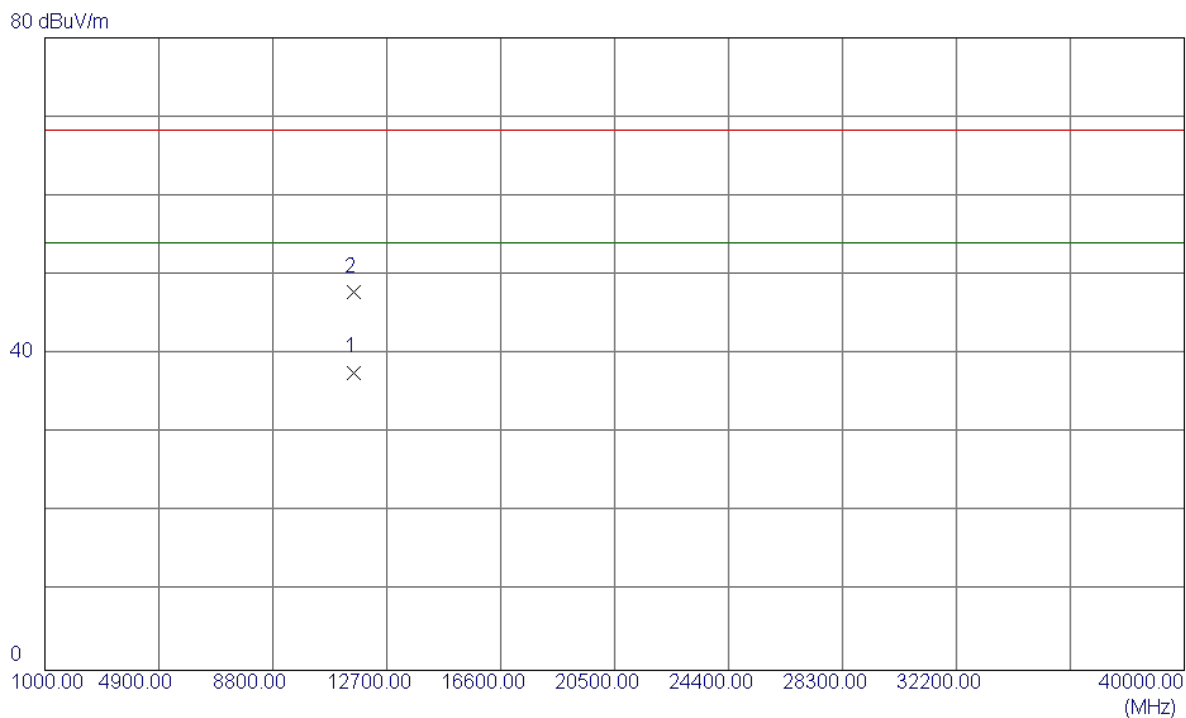
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	dBuV/m	dBuV/m	dB	Detector	Comment	
1	5781.3000	42.30	41.34	83.64	68.30	15.34	AVG	No Limit	
2	5788.1000	53.49	41.35	94.84	78.30	16.54	Peak	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 1

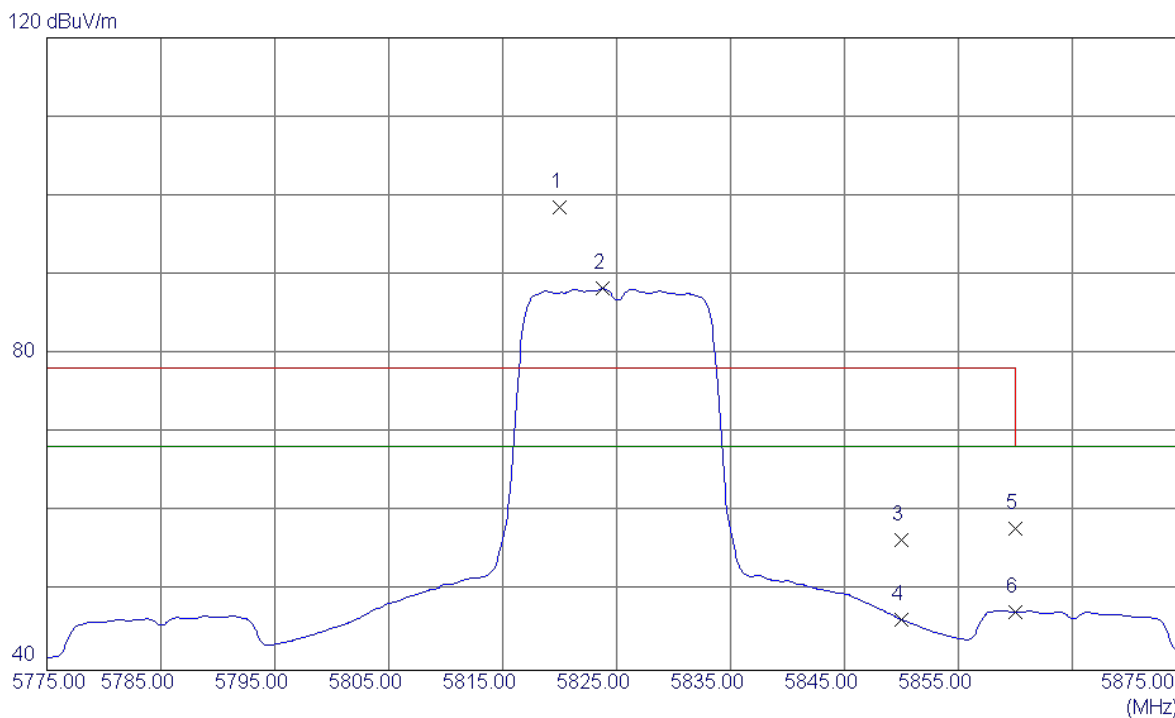
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.8000	22.13	15.55	37.68	54.00	-16.32	AVG	
2	11570.2000	32.35	15.55	47.90	68.30	-20.40	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 1

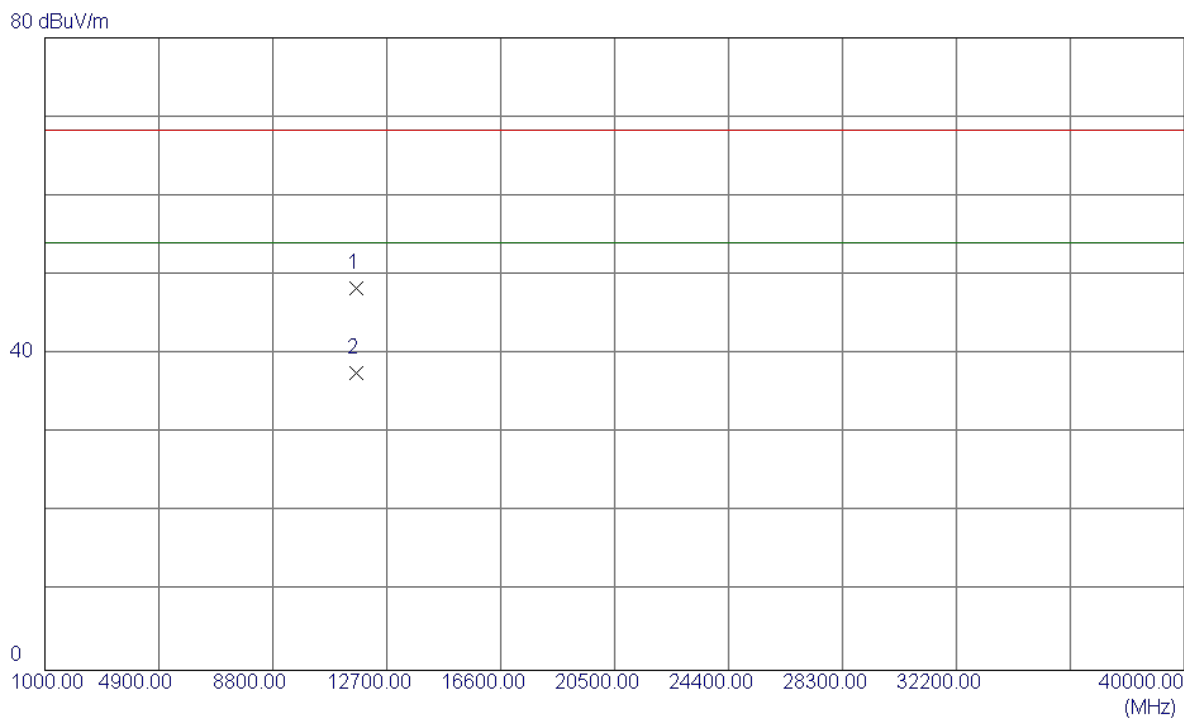
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5820.0000	57.17	41.40	98.57	78.30	20.27	Peak	No Limit
2	5823.8000	46.85	41.40	88.25	68.30	19.95	AVG	No Limit
3	5850.0000	15.10	41.44	56.54	78.30	-21.76	Peak	
4	5850.0000	4.98	41.44	46.42	68.30	-21.88	AVG	
5	5860.0000	16.45	41.45	57.90	78.30	-20.40	Peak	
6	5860.0000	5.94	41.45	47.39	68.30	-20.91	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 1

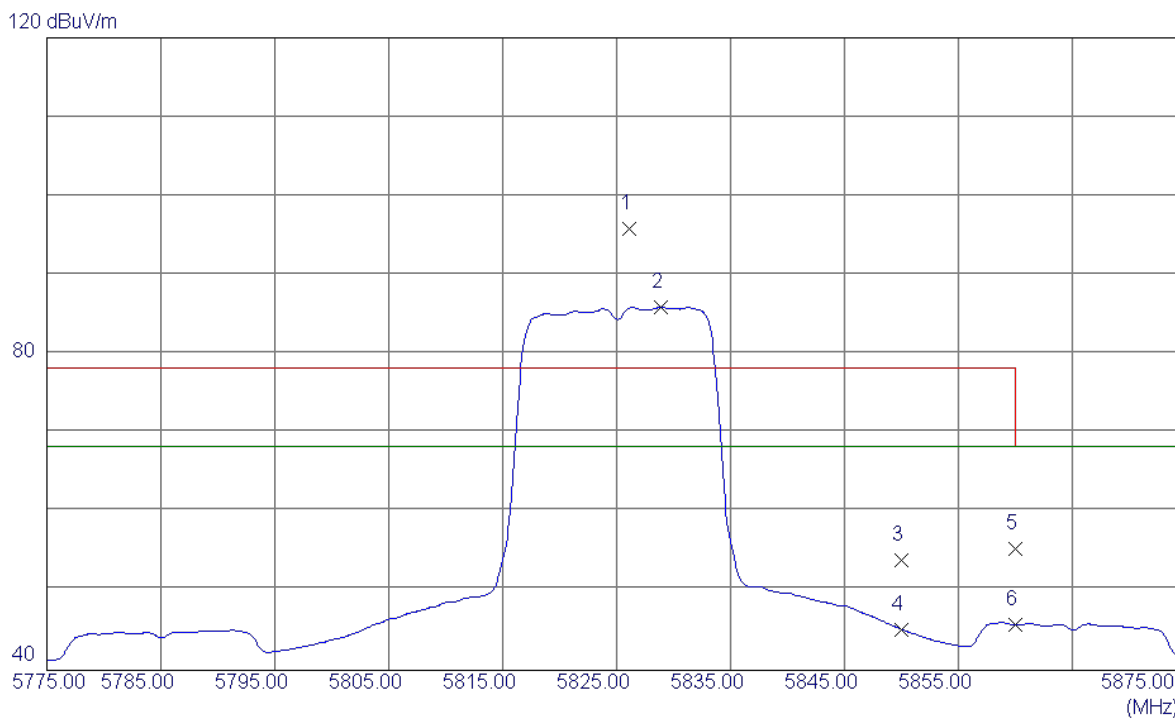
**Vertical**



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.1100	32.80	15.58	48.38	68.30	-19.92	Peak	
2	11650.3600	22.06	15.58	37.64	54.00	-16.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 1

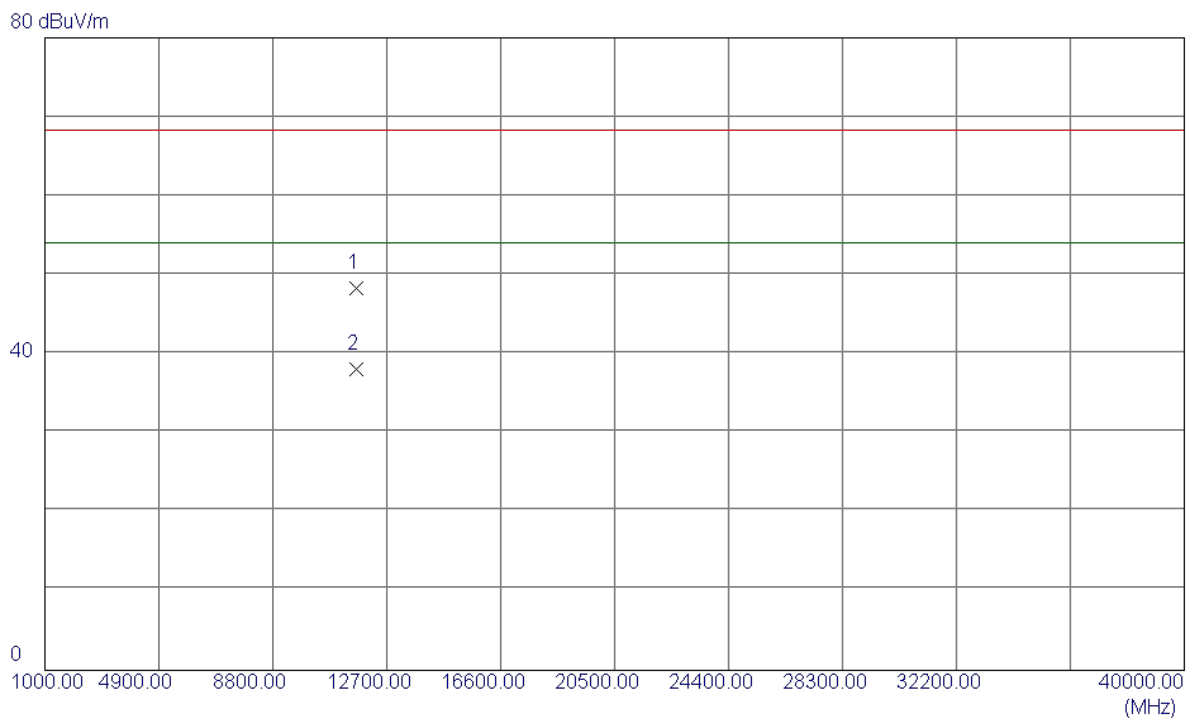
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5826.1000	54.45	41.40	95.85	78.30	17.55	Peak	No Limit
2	5828.9000	44.50	41.41	85.91	68.30	17.61	AVG	No Limit
3	5850.0000	12.55	41.44	53.99	78.30	-24.31	Peak	
4	5850.0000	3.74	41.44	45.18	68.30	-23.12	AVG	
5	5860.0000	13.96	41.45	55.41	78.30	-22.89	Peak	
6	5860.0000	4.38	41.45	45.83	68.30	-22.47	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 1

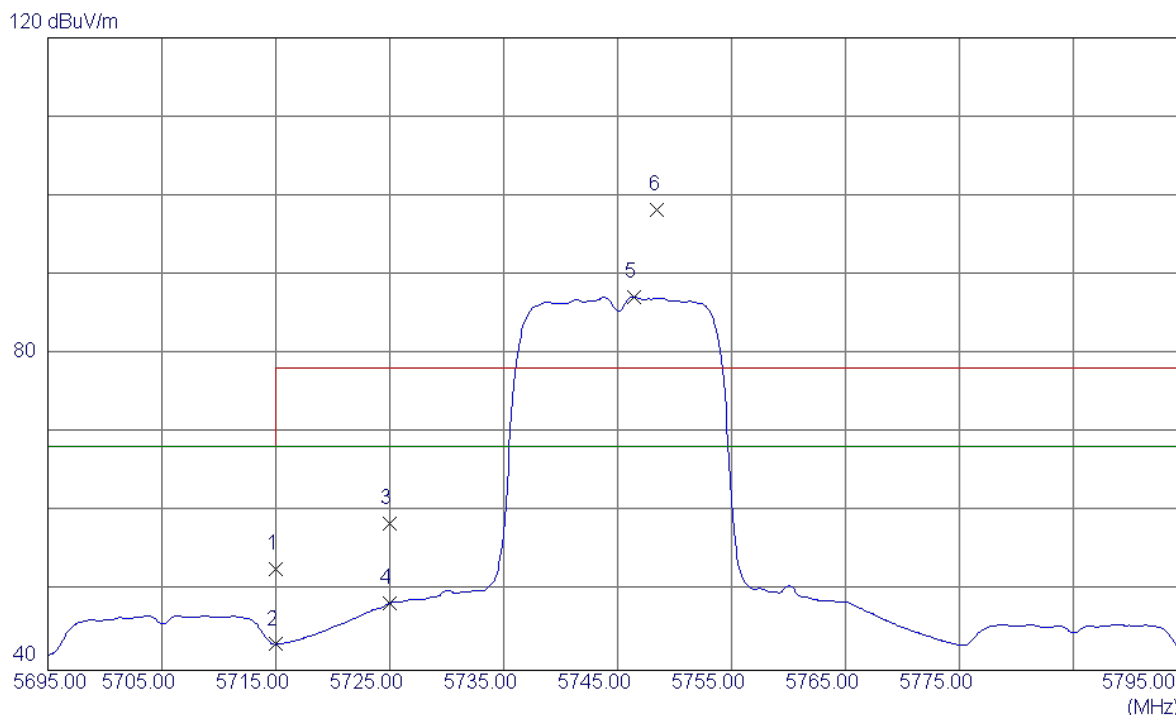
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.2000	32.76	15.58	48.34	68.30	-19.96	Peak	
2	11650.5700	22.52	15.58	38.10	54.00	-15.90	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 1

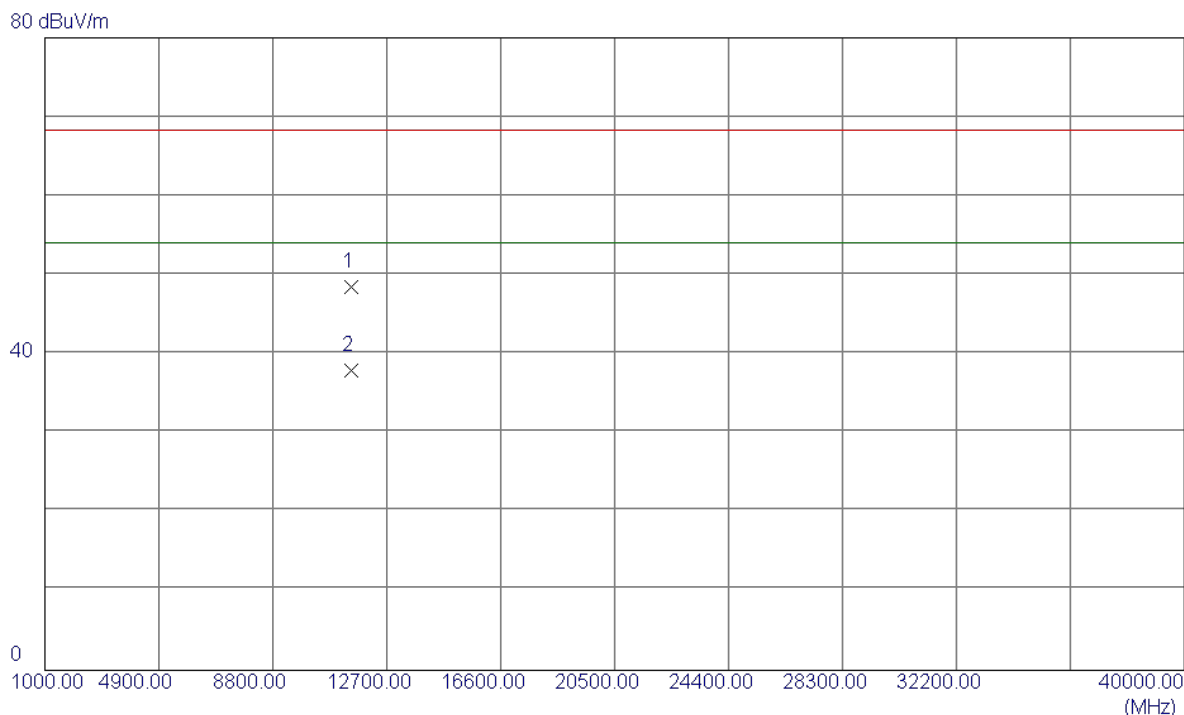
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.50	41.25	52.75	68.30	-15.55	Peak	
2	5715.0000	2.03	41.25	43.28	68.30	-25.02	AVG	
3	5725.0000	17.32	41.27	58.59	78.30	-19.71	Peak	
4	5725.0000	7.25	41.27	48.52	68.30	-19.78	AVG	
5	5746.4000	45.96	41.30	87.26	68.30	18.96	AVG	No Limit
6	5748.5000	56.90	41.30	98.20	78.30	19.90	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 1

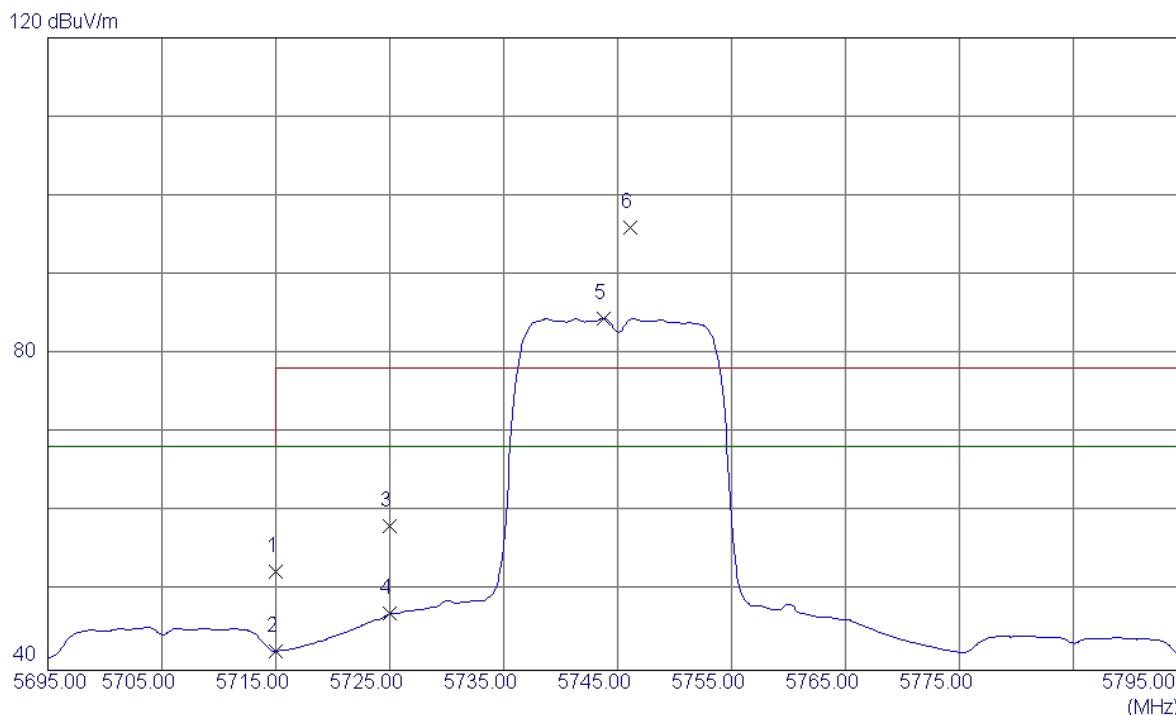
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.4500	32.93	15.52	48.45	68.30	-19.85	Peak	
2	11490.6200	22.34	15.52	37.86	54.00	-16.14	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 1

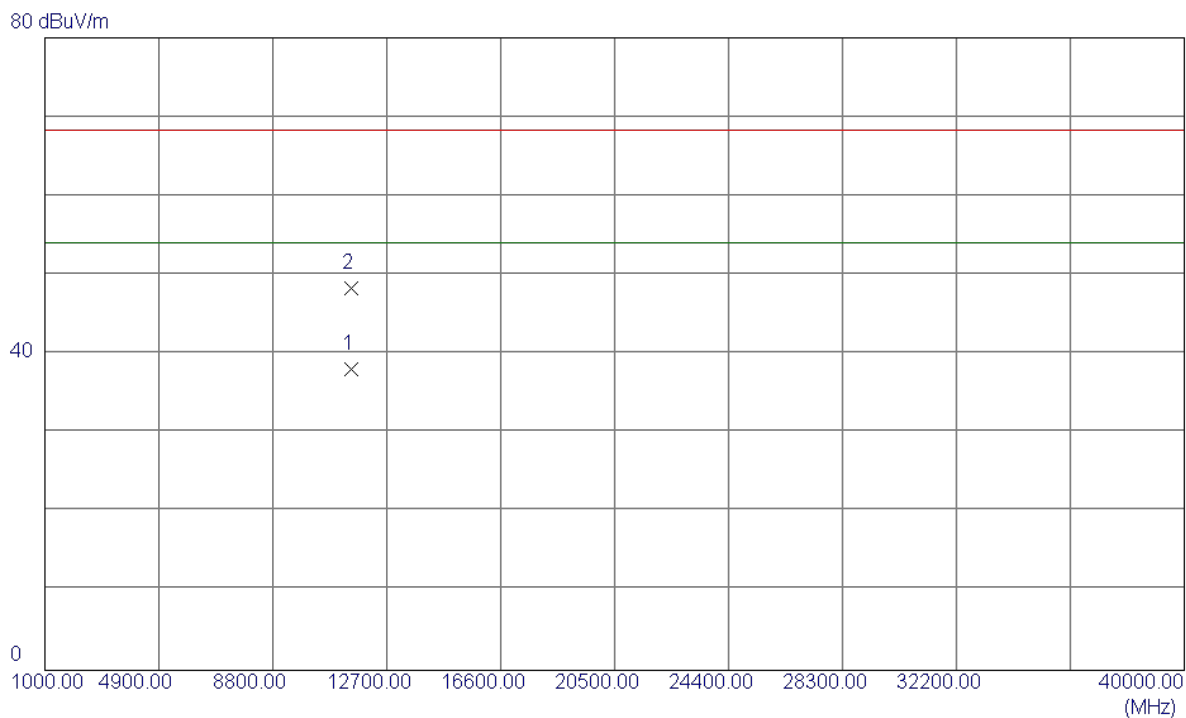
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.25	41.25	52.50	68.30	-15.80	Peak	
2	5715.0000	1.19	41.25	42.44	68.30	-25.86	AVG	
3	5725.0000	16.99	41.27	58.26	78.30	-20.04	Peak	
4	5725.0000	5.86	41.27	47.13	68.30	-21.17	AVG	
5	5743.8000	43.22	41.29	84.51	68.30	16.21	AVG	No Limit
6	5746.1000	54.67	41.29	95.96	78.30	17.66	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 1

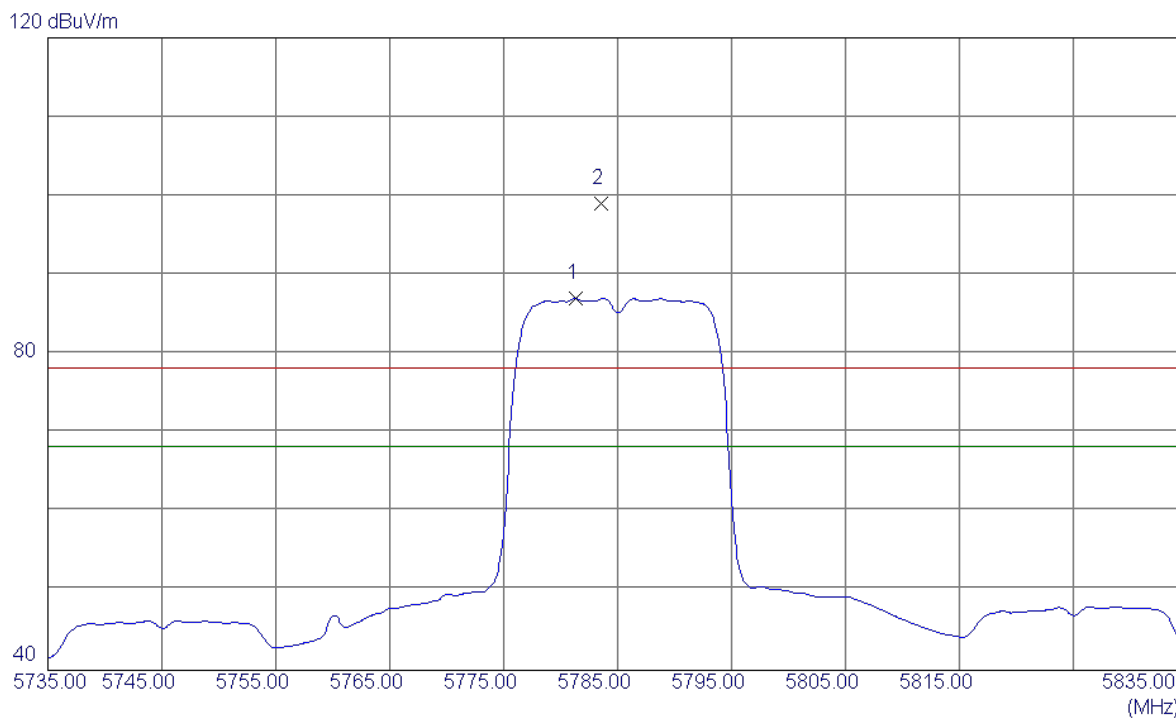
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.2300	22.61	15.52	38.13	54.00	-15.87	AVG	
2	11490.4600	32.83	15.52	48.35	68.30	-19.95	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz _ANT 1

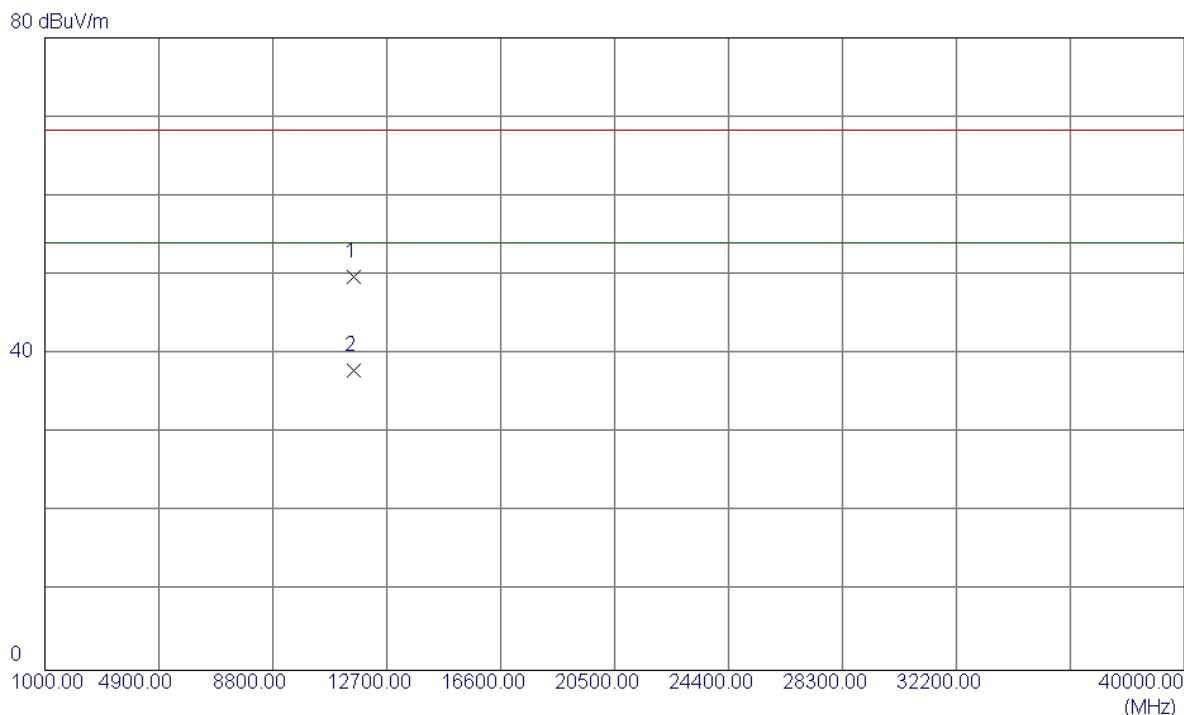
### Vertical



No.	Freq.	Reading	Correct	Measure	Limit		Over		Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector		
1	5781.3000	45.71	41.34	87.05	68.30	18.75	AVG	No Limit	
2	5783.6000	57.73	41.35	99.08	78.30	20.78	Peak	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 1

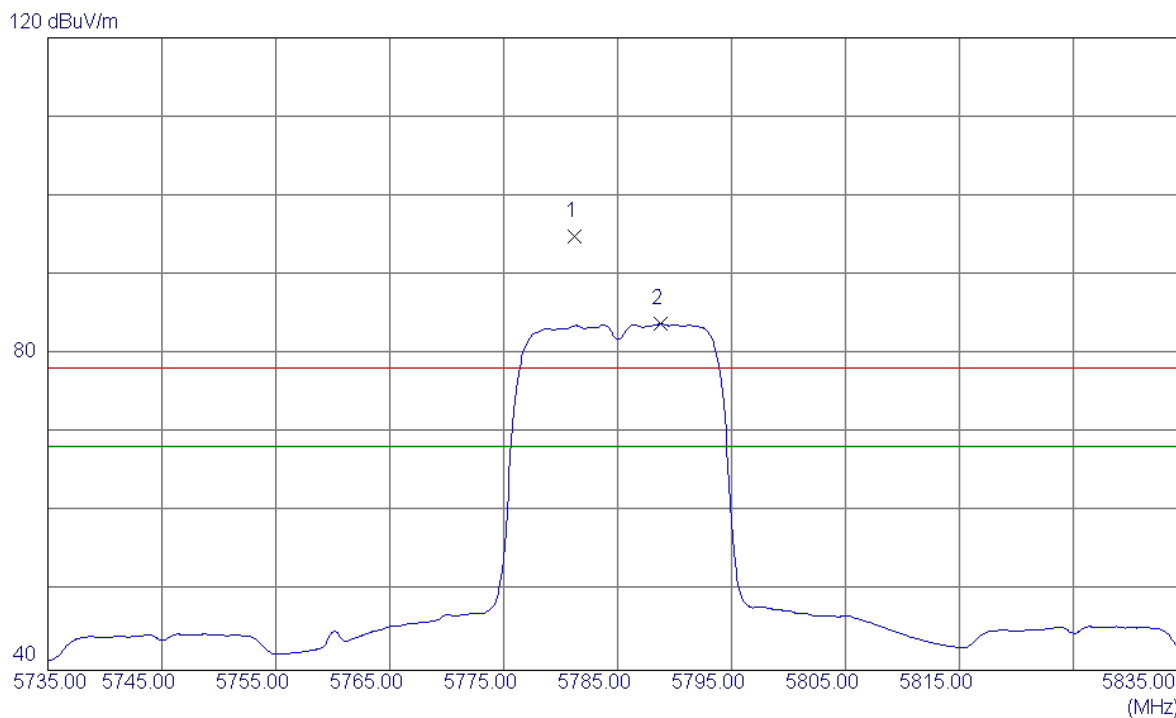
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.8200	34.27	15.55	49.82	68.30	-18.48	Peak	
2	11570.3300	22.43	15.55	37.98	54.00	-16.02	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 1

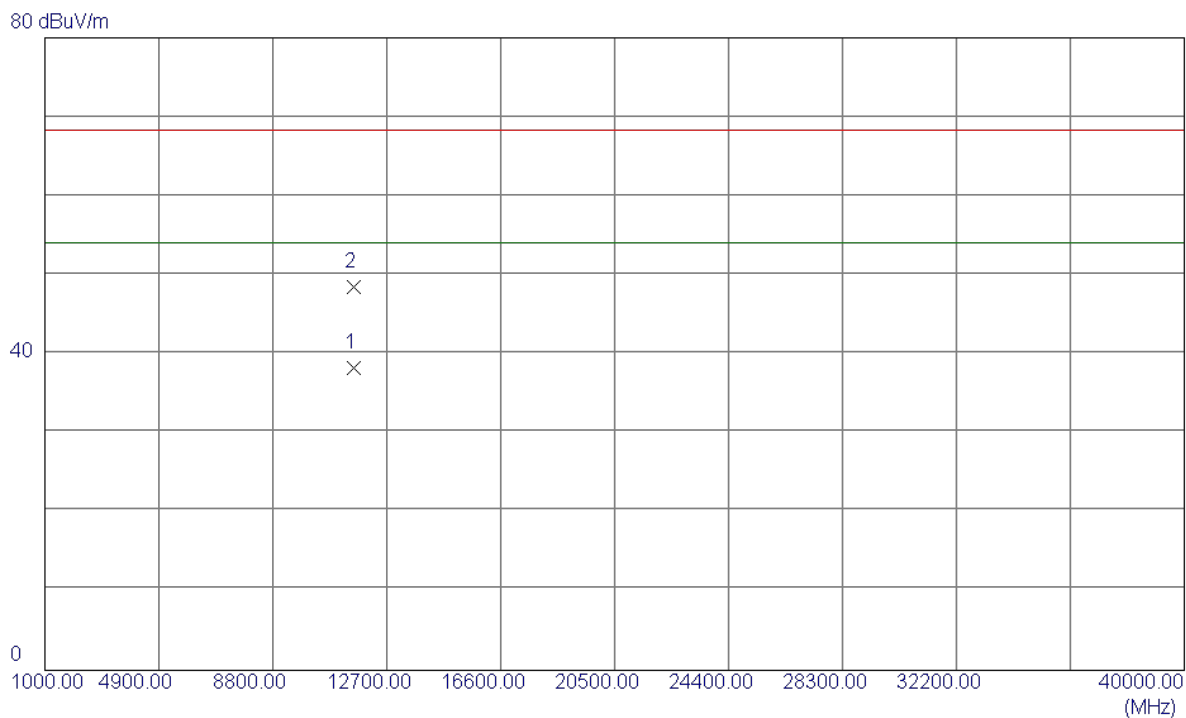
### Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	dBuV/m	dBuV/m	dB	Detector	Comment	
1	5781.2000	53.60	41.34	94.94	78.30	16.64	Peak	No Limit	
2	5788.8000	42.46	41.35	83.81	68.30	15.51	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 1

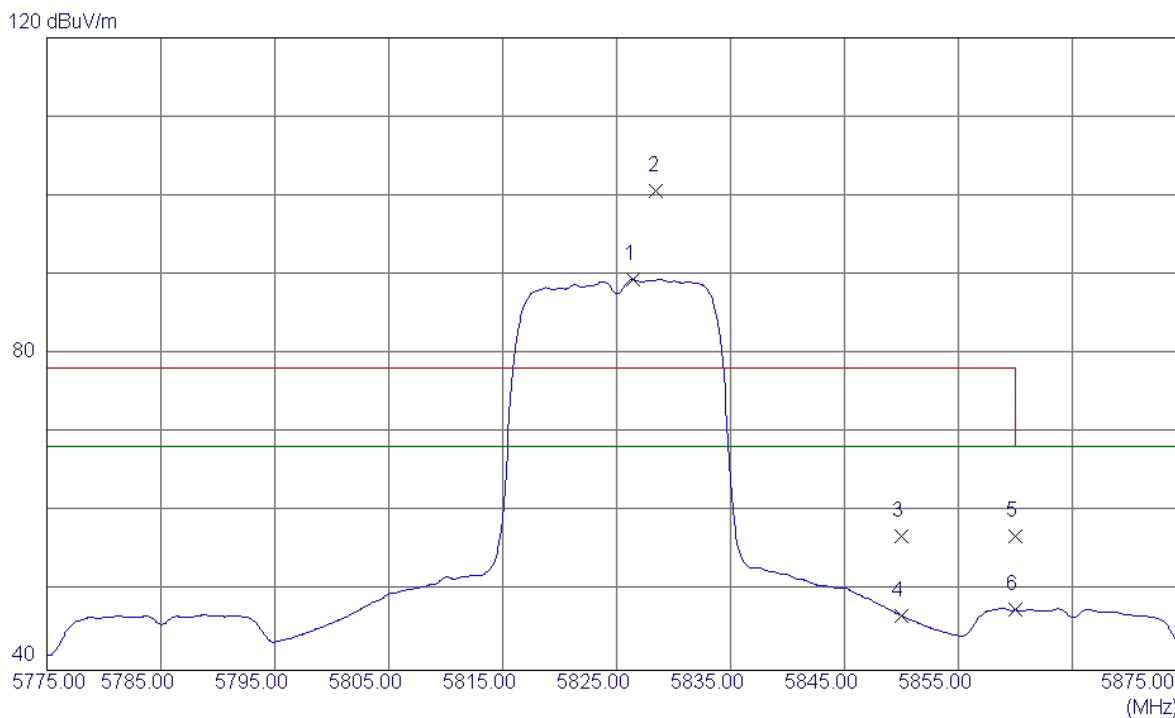
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.2699	22.62	15.55	38.17	54.00	-15.83	AVG	
2	11570.3200	32.93	15.55	48.48	68.30	-19.82	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 1

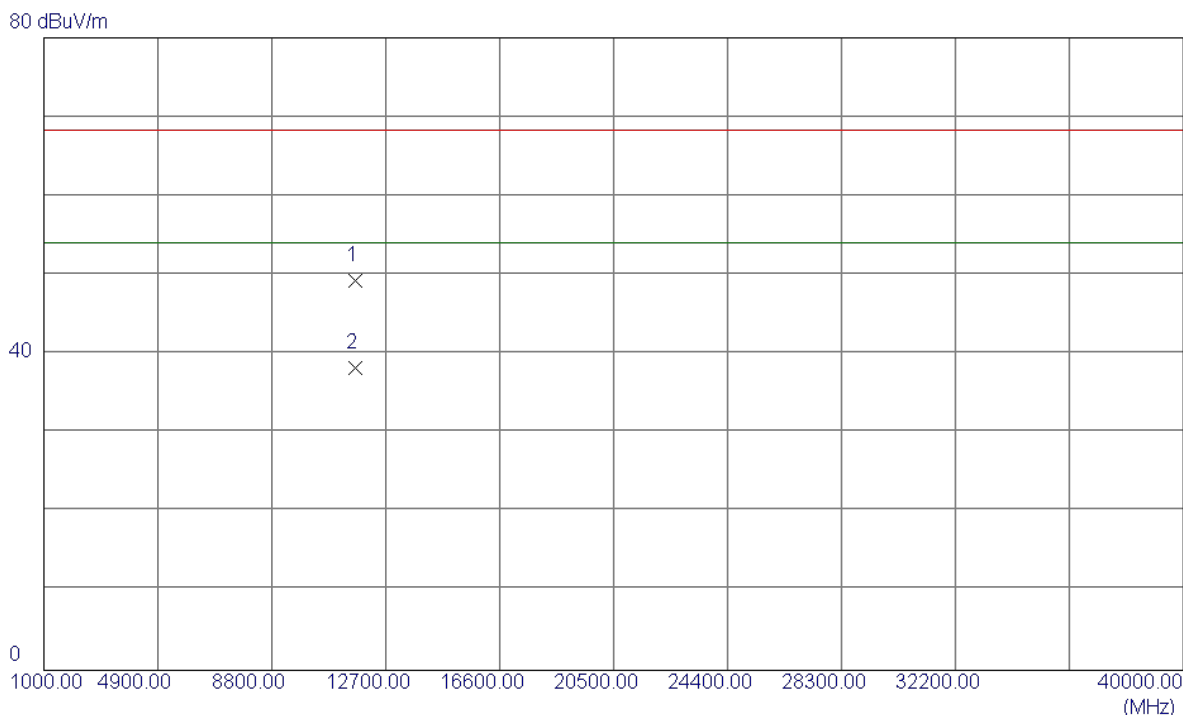
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5826.4000	48.05	41.40	89.45	68.30	21.15	AVG	No Limit
2	5828.5000	59.20	41.41	100.61	78.30	22.31	Peak	No Limit
3	5850.0000	15.57	41.44	57.01	78.30	-21.29	Peak	
4	5850.0000	5.47	41.44	46.91	68.30	-21.39	AVG	
5	5860.0000	15.54	41.45	56.99	78.30	-21.31	Peak	
6	5860.0000	6.16	41.45	47.61	68.30	-20.69	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 1

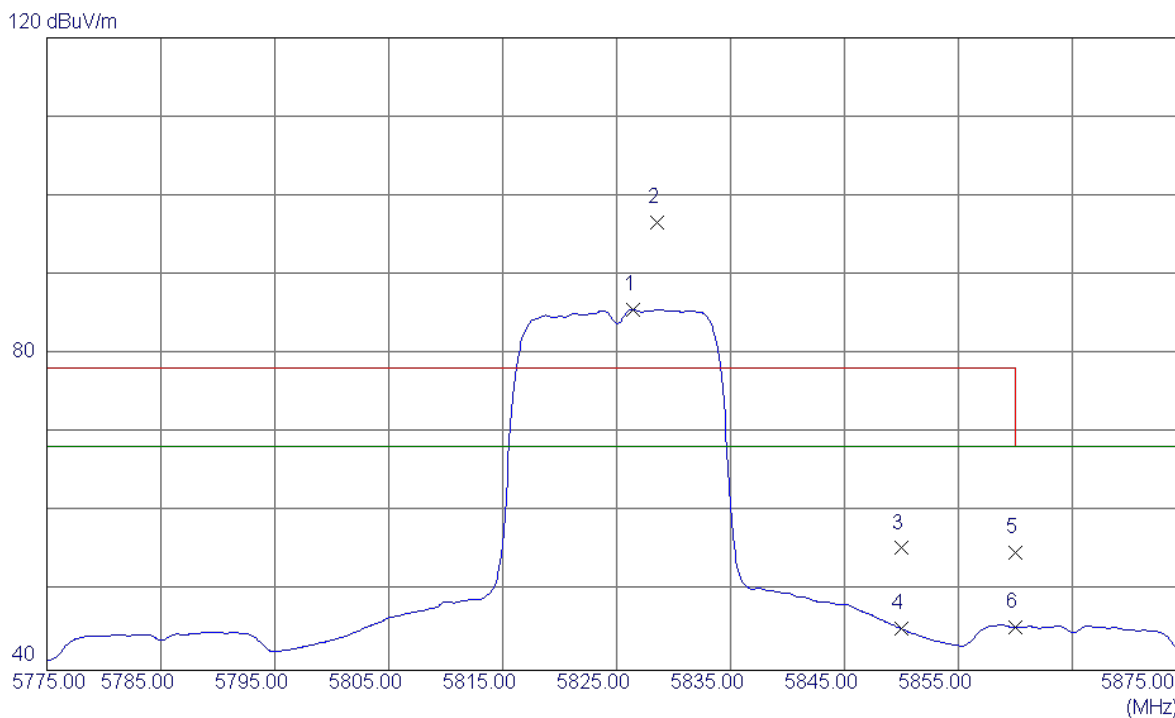
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11649.9700	33.77	15.58	49.35	68.30	-18.95	Peak	
2	11650.1000	22.63	15.58	38.21	54.00	-15.79	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 1

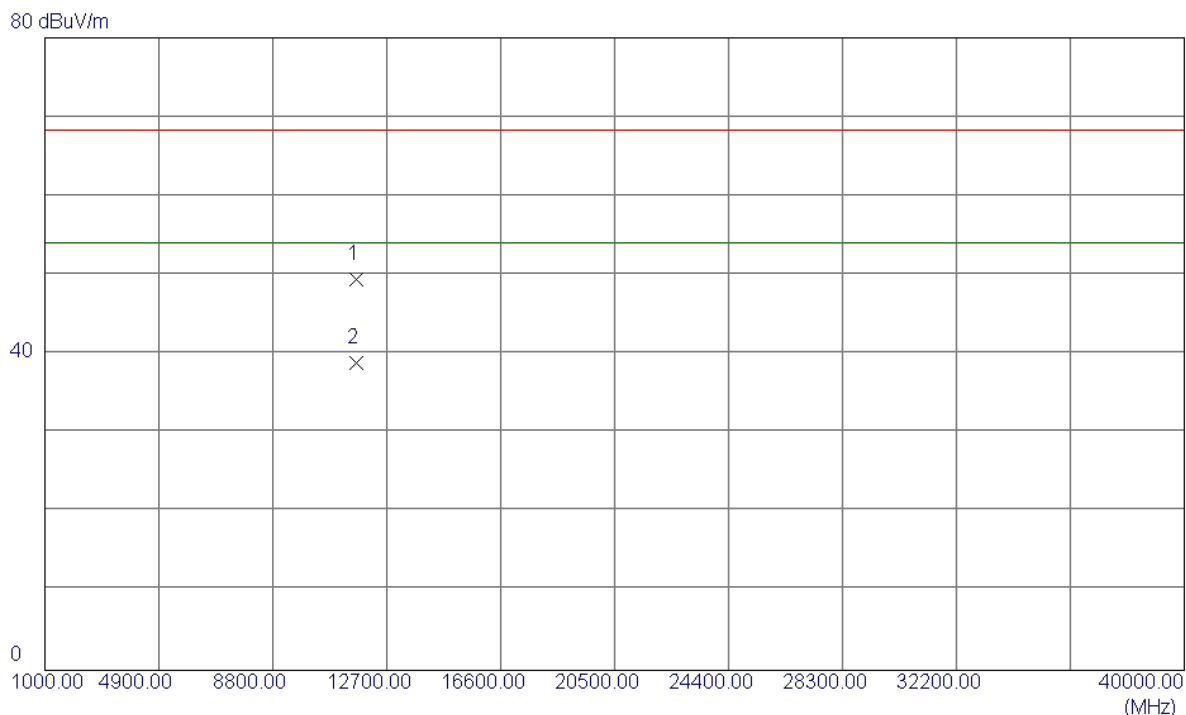
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5826.4000	44.27	41.40	85.67	68.30	17.37	AVG	No Limit
2	5828.6000	55.28	41.41	96.69	78.30	18.39	Peak	No Limit
3	5850.0000	14.00	41.44	55.44	78.30	-22.86	Peak	
4	5850.0000	3.79	41.44	45.23	68.30	-23.07	AVG	
5	5860.0000	13.49	41.45	54.94	78.30	-23.36	Peak	
6	5860.0000	4.04	41.45	45.49	68.30	-22.81	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 1

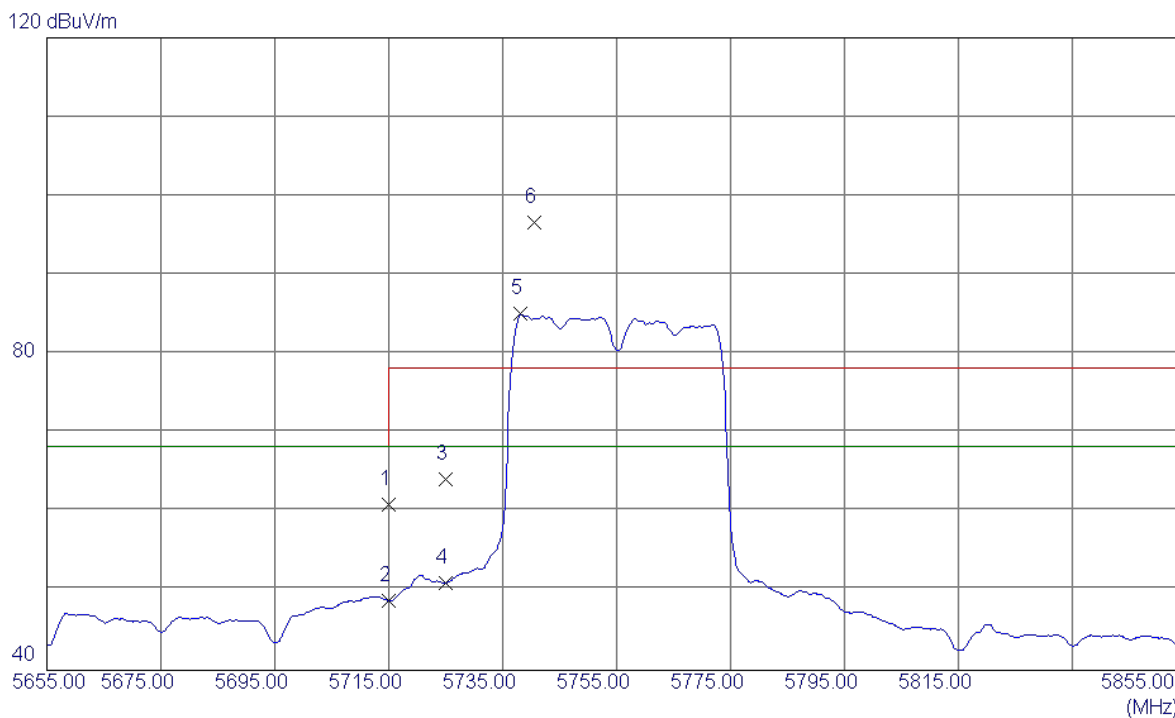
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.1700	33.85	15.58	49.43	68.30	-18.87	Peak	
2	11650.2400	23.27	15.58	38.85	54.00	-15.15	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 1

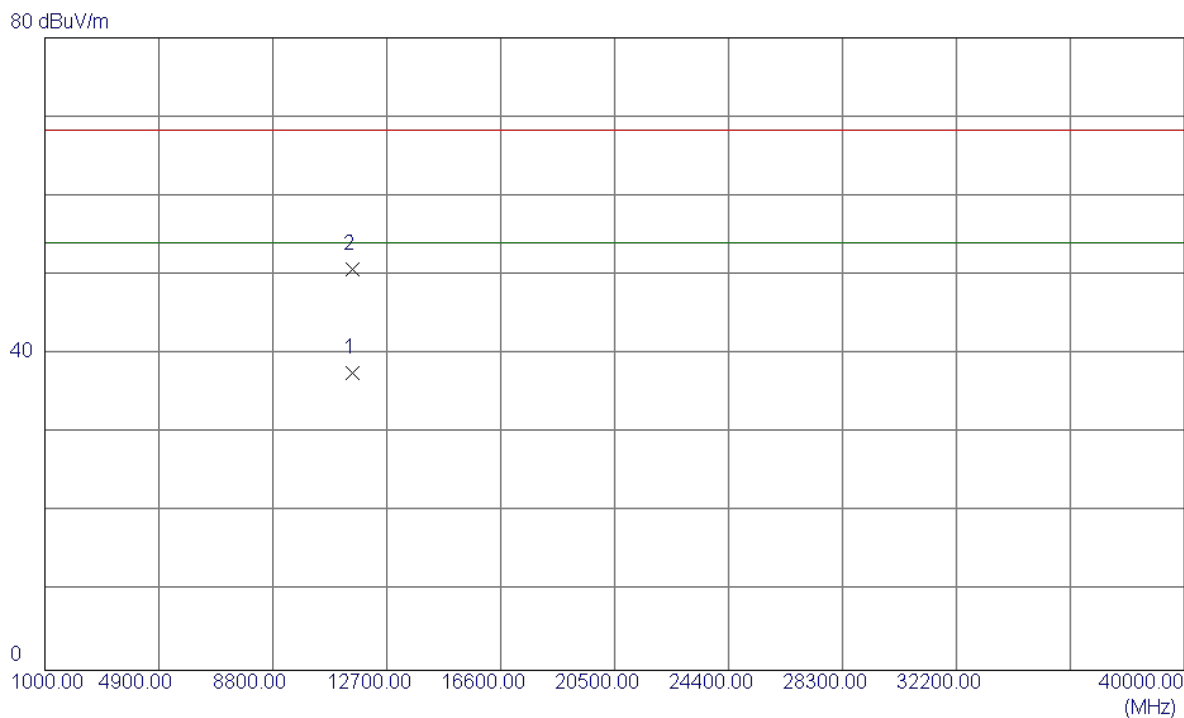
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	19.73	41.25	60.98	68.30	-7.32	Peak	
2	5715.0000	7.54	41.25	48.79	68.30	-19.51	AVG	
3	5725.0000	22.92	41.27	64.19	78.30	-14.11	Peak	
4	5725.0000	9.83	41.27	51.10	68.30	-17.20	AVG	
5	5738.2000	43.76	41.28	85.04	68.30	16.74	AVG	No Limit
6	5740.6000	55.41	41.29	96.70	78.30	18.40	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 1

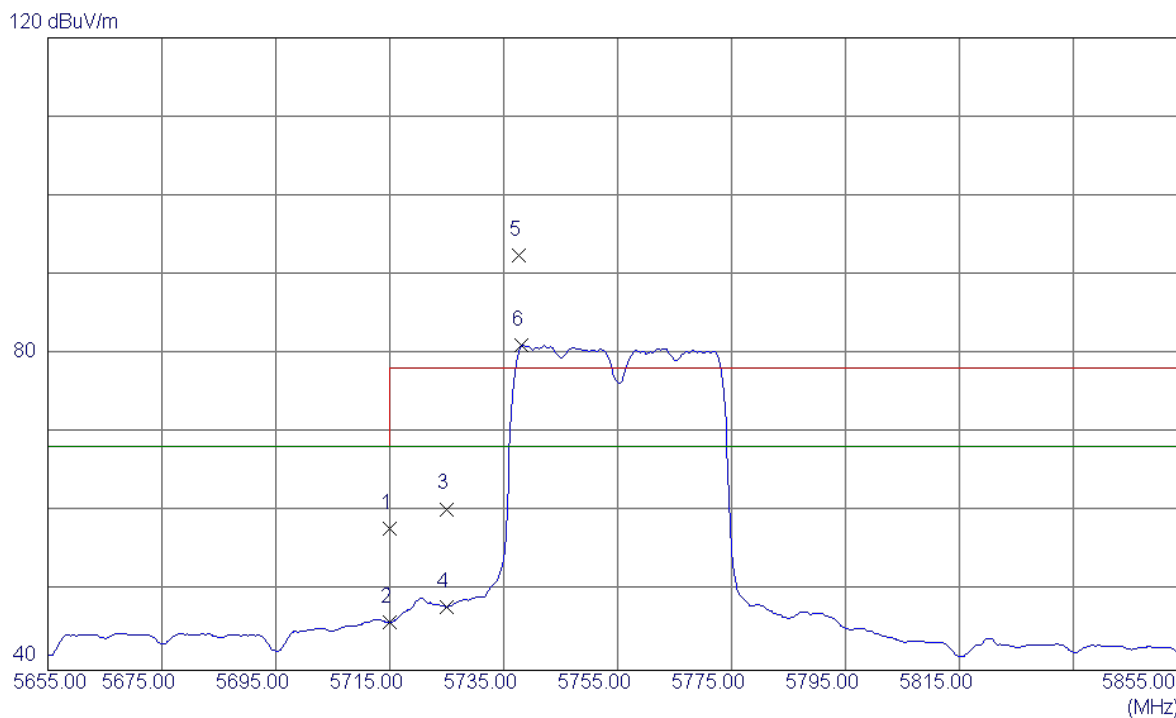
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.2699	22.14	15.52	37.66	54.00	-16.34	AVG	
2	11510.3200	35.27	15.52	50.79	68.30	-17.51	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 1

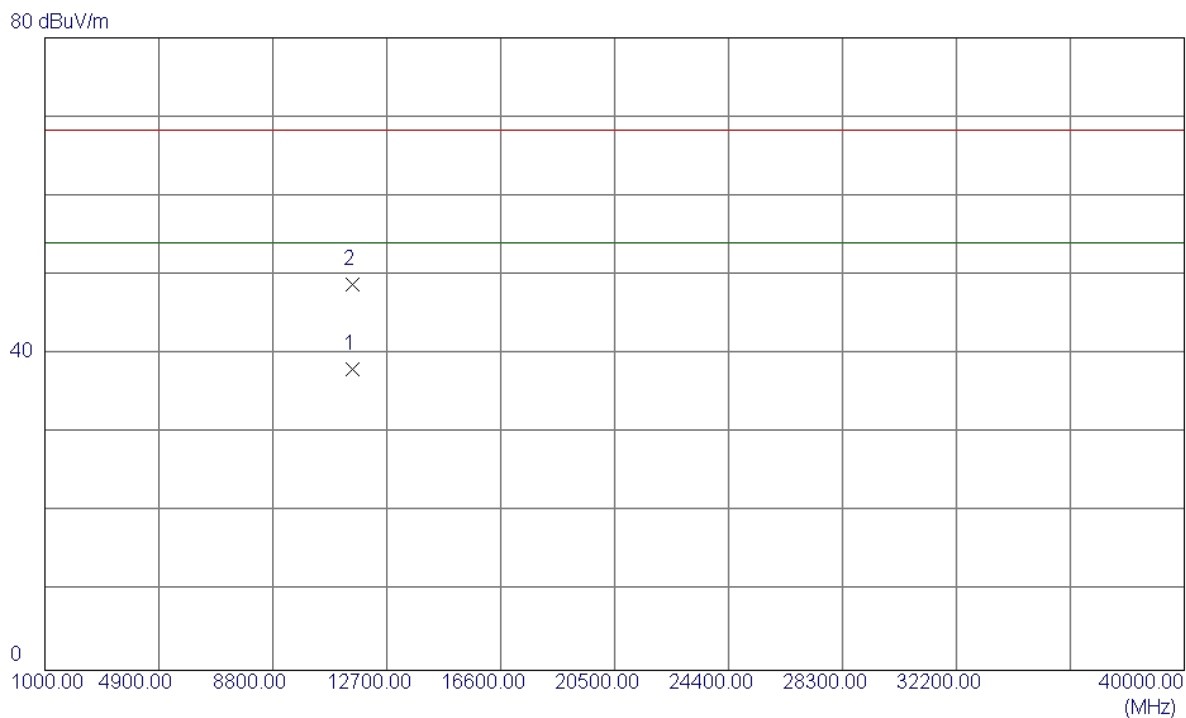
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	16.65	41.25	57.90	68.30	-10.40	Peak	
2	5715.0000	4.84	41.25	46.09	68.30	-22.21	AVG	
3	5725.0000	19.13	41.27	60.40	78.30	-17.90	Peak	
4	5725.0000	6.78	41.27	48.05	68.30	-20.25	AVG	
5	5737.6000	51.12	41.28	92.40	78.30	14.10	Peak	No Limit
6	5738.2000	39.83	41.28	81.11	68.30	12.81	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 1

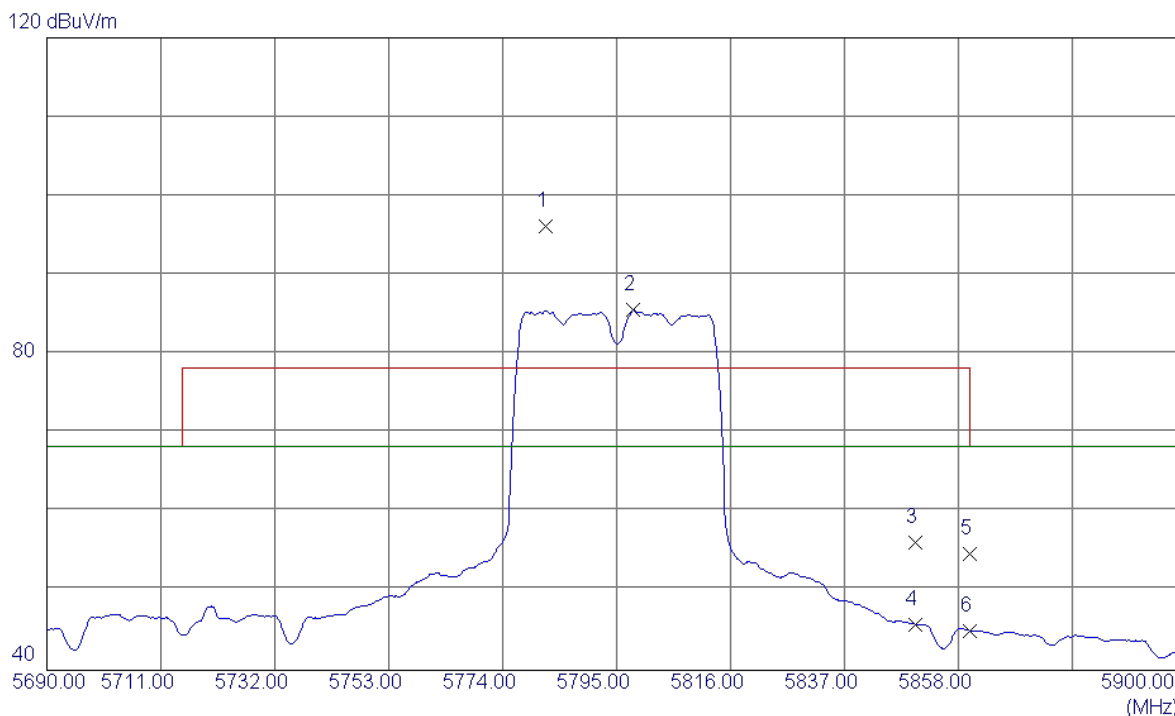
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.1600	22.63	15.52	38.15	54.00	-15.85	AVG	
2	11510.2699	33.27	15.52	48.79	68.30	-19.51	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 1

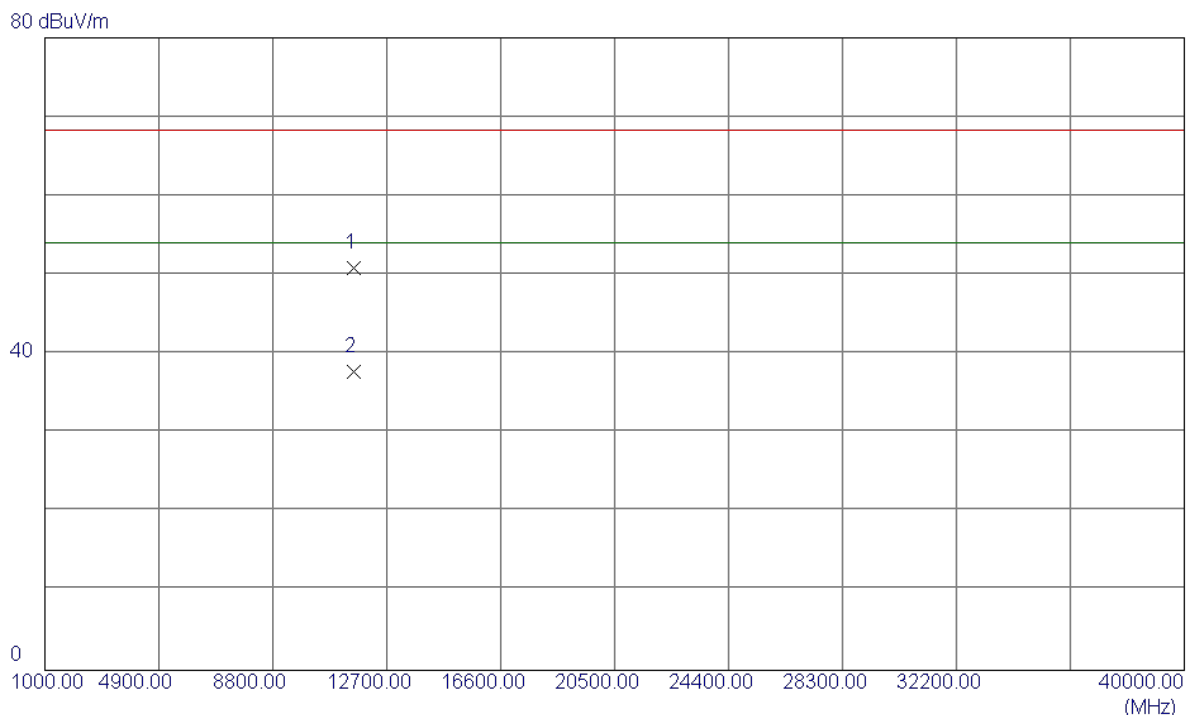
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5781.9800	54.86	41.34	96.20	78.30	17.90	Peak	No Limit
2	5798.1500	44.20	41.37	85.57	68.30	17.27	AVG	No Limit
3	5850.0000	14.72	41.44	56.16	78.30	-22.14	Peak	
4	5850.0000	4.35	41.44	45.79	68.30	-22.51	AVG	
5	5860.0000	13.26	41.45	54.71	78.30	-23.59	Peak	
6	5860.0000	3.53	41.45	44.98	68.30	-23.32	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 1

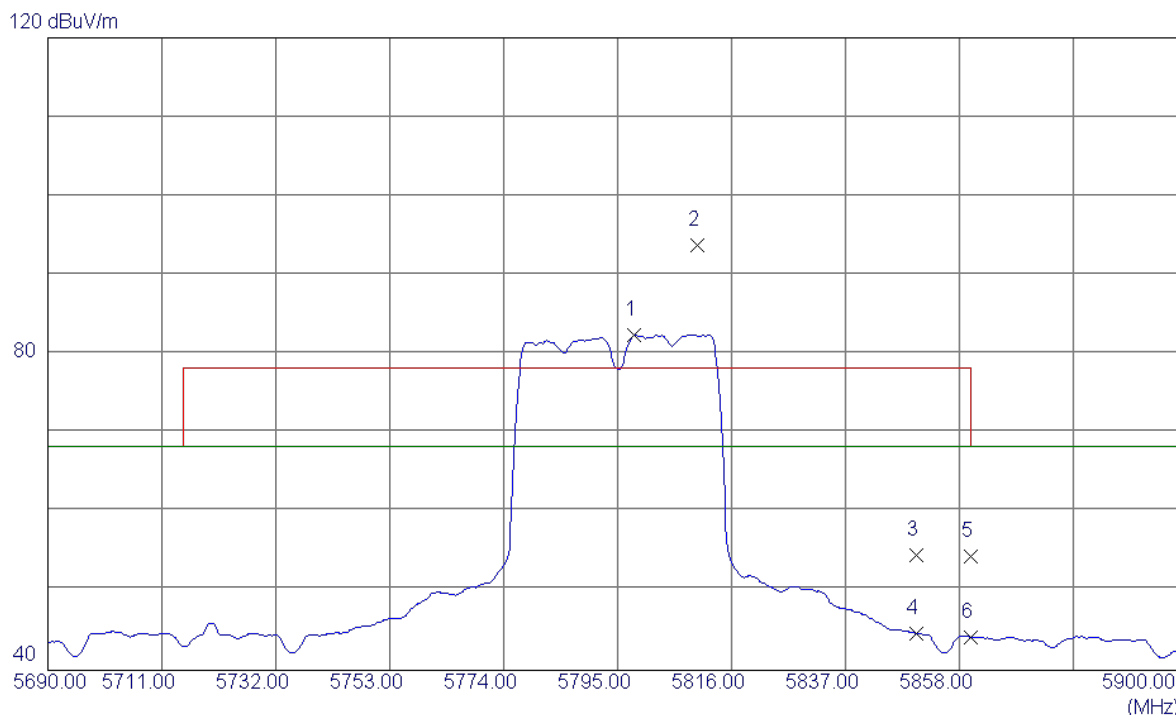
### Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11589.4700	35.38	15.55	50.93	68.30	-17.37	Peak	
2	11590.5300	22.22	15.55	37.77	54.00	-16.23	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 1

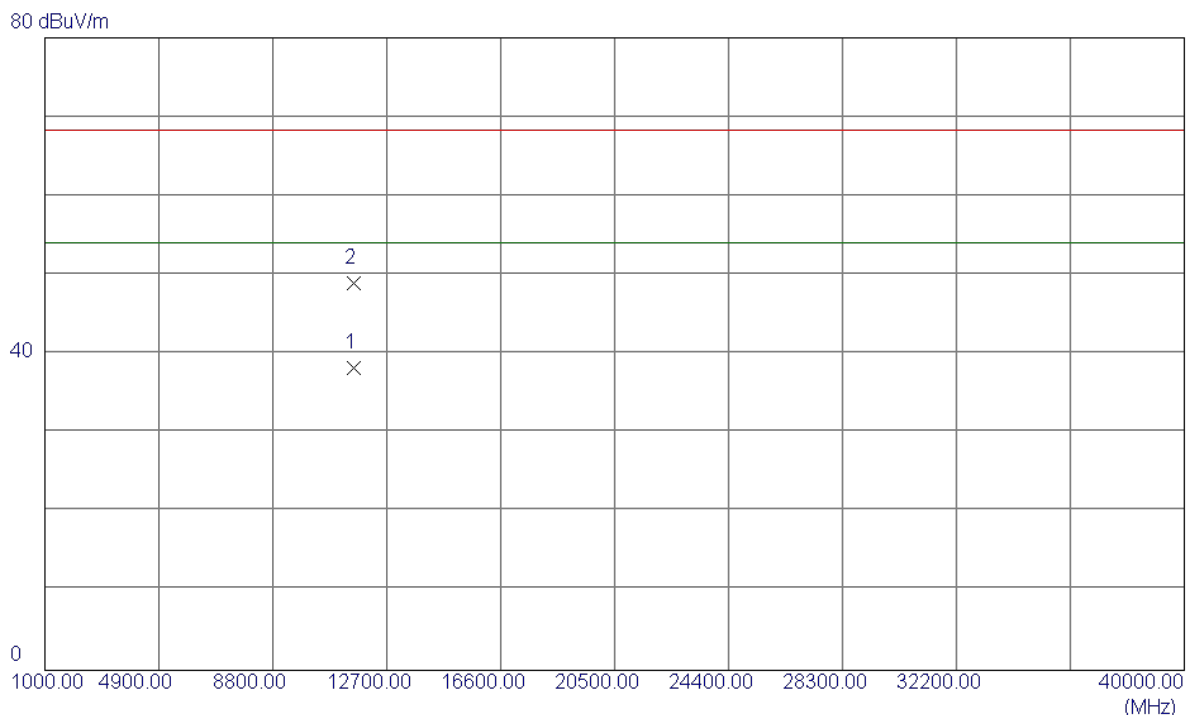
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5798.1500	41.10	41.37	82.47	68.30	14.17	AVG	No Limit
2	5809.7000	52.30	41.38	93.68	78.30	15.38	Peak	No Limit
3	5850.0000	13.10	41.44	54.54	78.30	-23.76	Peak	
4	5850.0000	3.21	41.44	44.65	68.30	-23.65	AVG	
5	5860.0000	13.02	41.45	54.47	78.30	-23.83	Peak	
6	5860.0000	2.71	41.45	44.16	68.30	-24.14	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 1

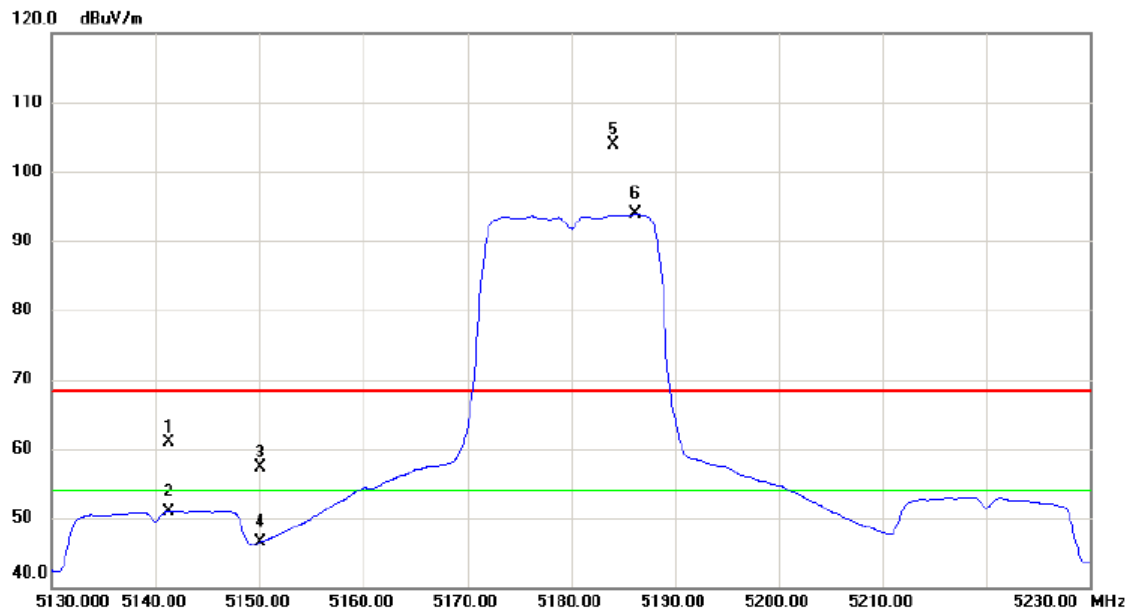
### Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.2400	22.68	15.55	38.23	54.00	-15.77	AVG	
2	11590.3300	33.46	15.55	49.01	68.30	-19.29	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz_ANT 2

### Vertical

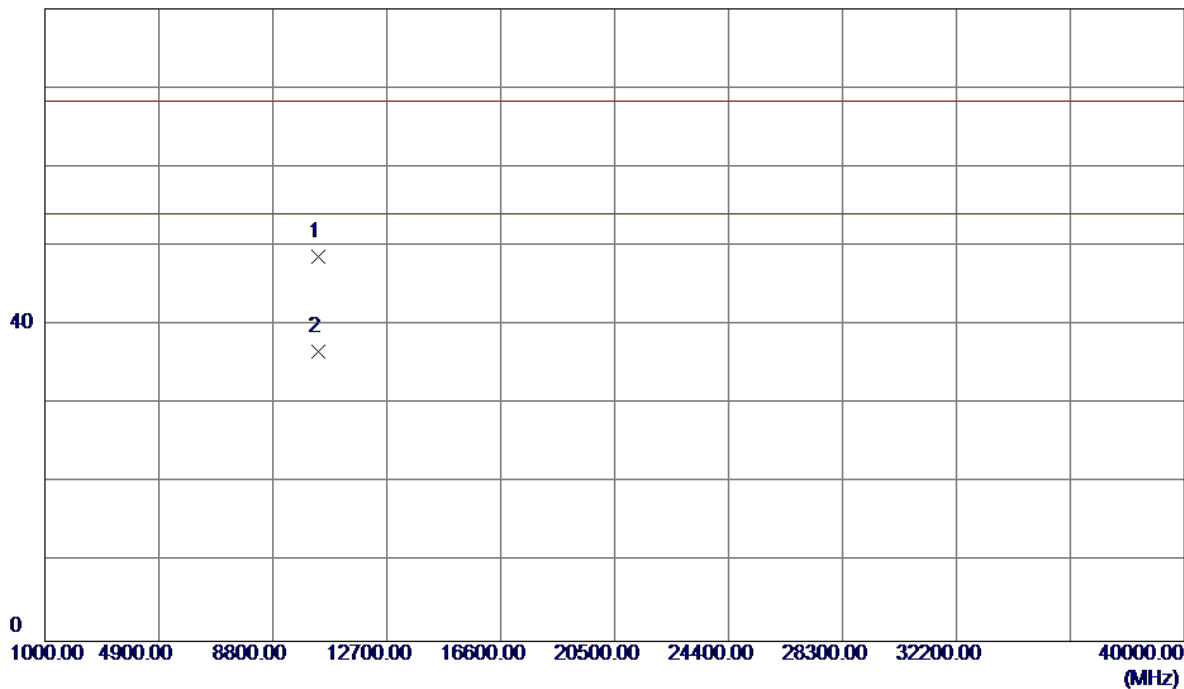


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5141.300	20.79	40.20	60.99	68.30	-7.31	peak	
2		5141.300	10.79	40.20	50.99	54.00	-3.01	AVG	
3		5150.000	17.01	40.22	57.23	68.30	-11.07	peak	
4		5150.000	6.28	40.22	46.50	54.00	-7.50	AVG	
5	X	5184.100	63.55	40.29	103.84	68.30	35.54	peak	No Limit
6	*	5186.200	53.58	40.30	93.88	54.00	39.88	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz_ANT 2

**Vertical**

80 dBuV/m

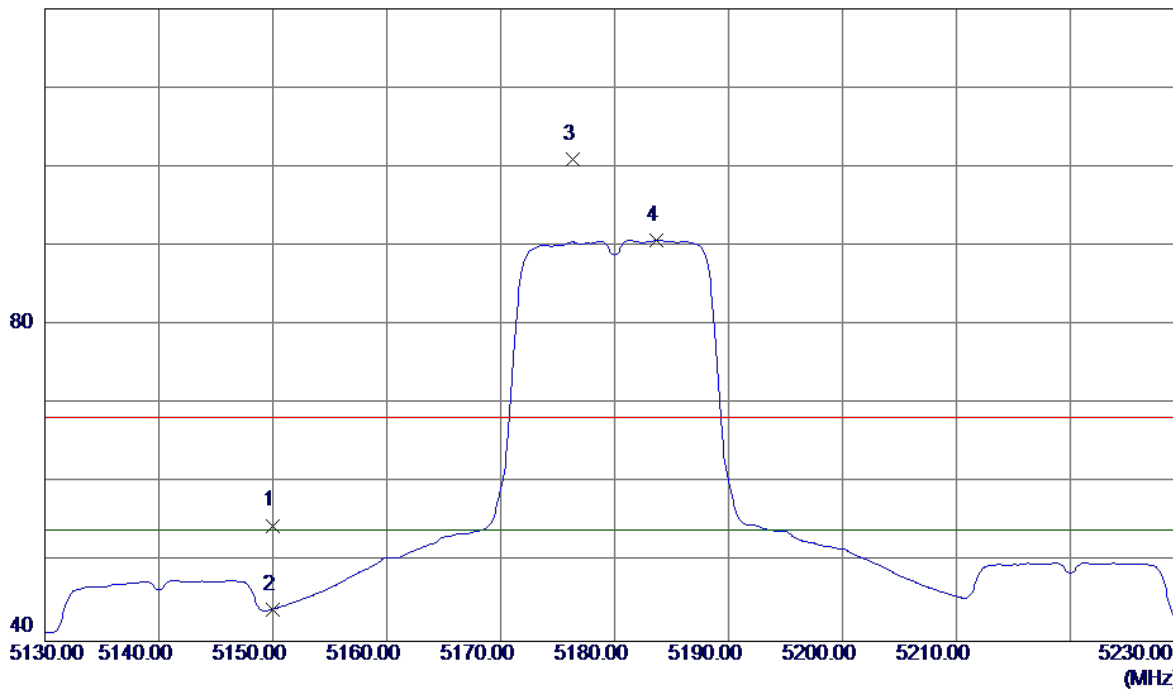


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.2200	34.34	14.32	48.66	68.30	-19.64	Peak	
2	10360.3200	22.27	14.33	36.60	54.00	-17.40	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz_ANT 2

### Horizontal

120 dBuV/m

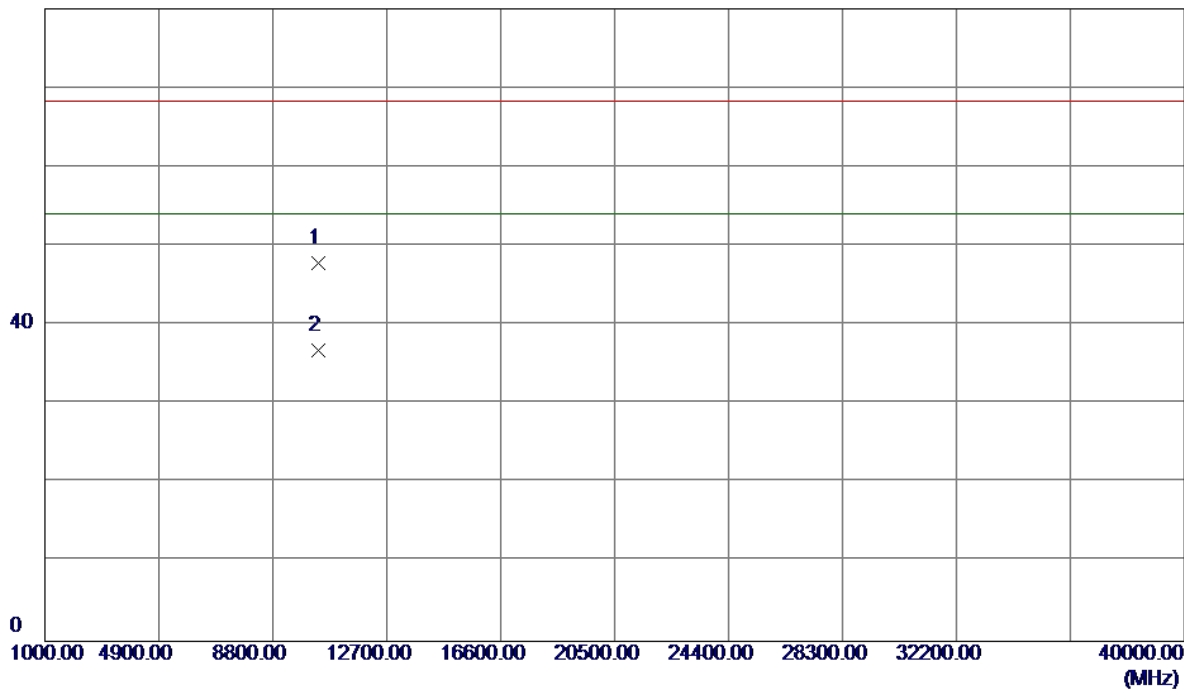


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	14.42	40.22	54.64	68.30	-13.66	Peak	
2	5150.0000	3.85	40.22	44.07	54.00	-9.93	AVG	
3	5176.3000	60.73	40.27	101.00	68.30	32.70	Peak	No Limit
4	5183.7000	50.47	40.29	90.76	54.00	36.76	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz_ANT 2

### Horizontal

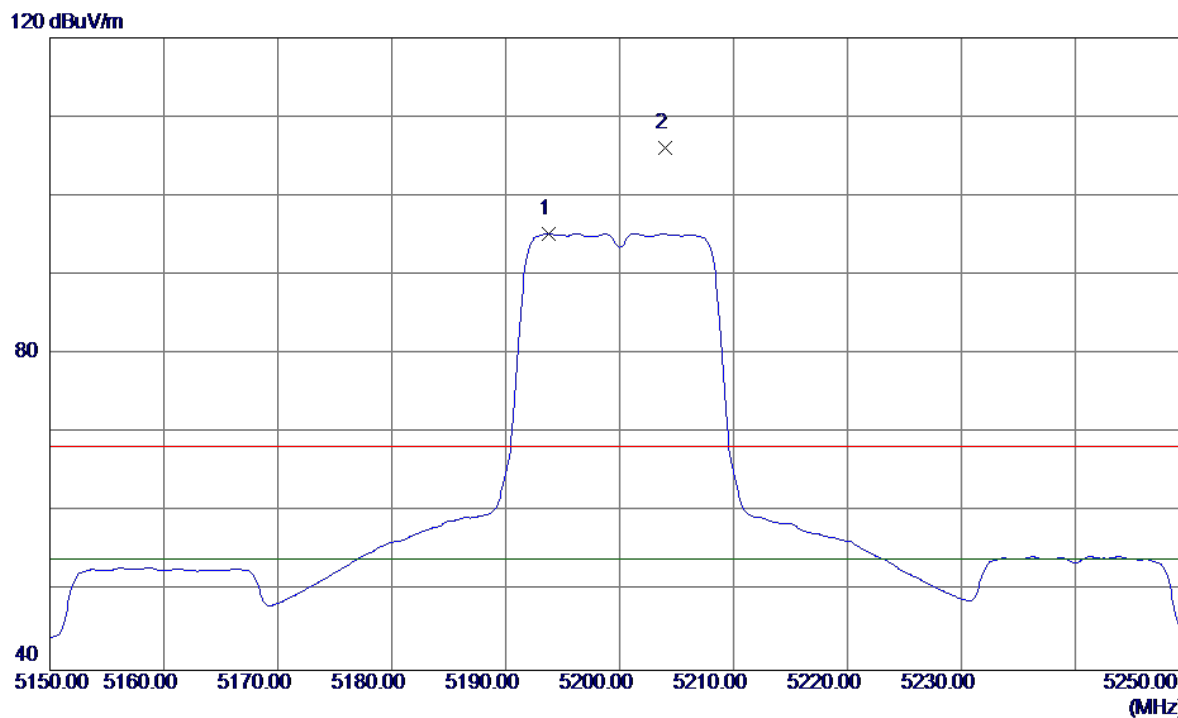
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10358.7300	33.53	14.32	47.85	68.30	-20.45	Peak	
2	10359.5599	22.49	14.32	36.81	54.00	-17.19	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz_ANT 2

### Vertical

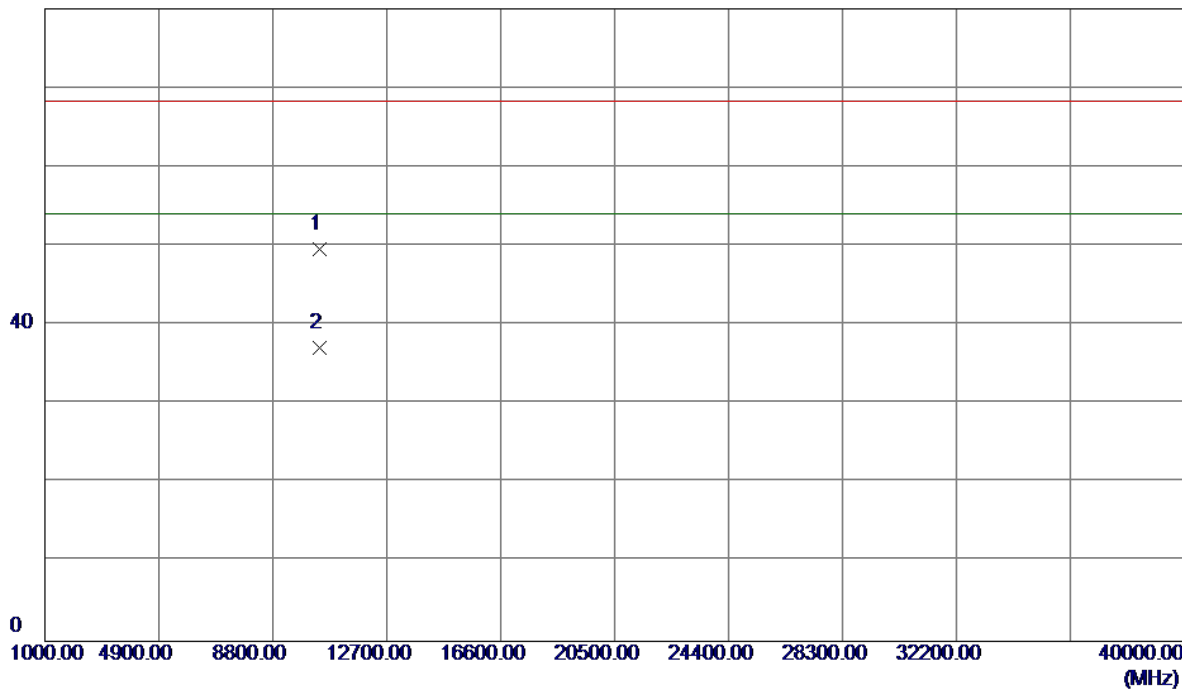


No.	Freq.	Reading	Correct	Measure	Limit	Over	Detector	Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	dB		
1	5193.8000	54.96	40.31	95.27	54.00	41.27	AVG	No Limit
2	5204.0000	65.76	40.33	106.09	68.30	37.79	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz_ANT 2

**Vertical**

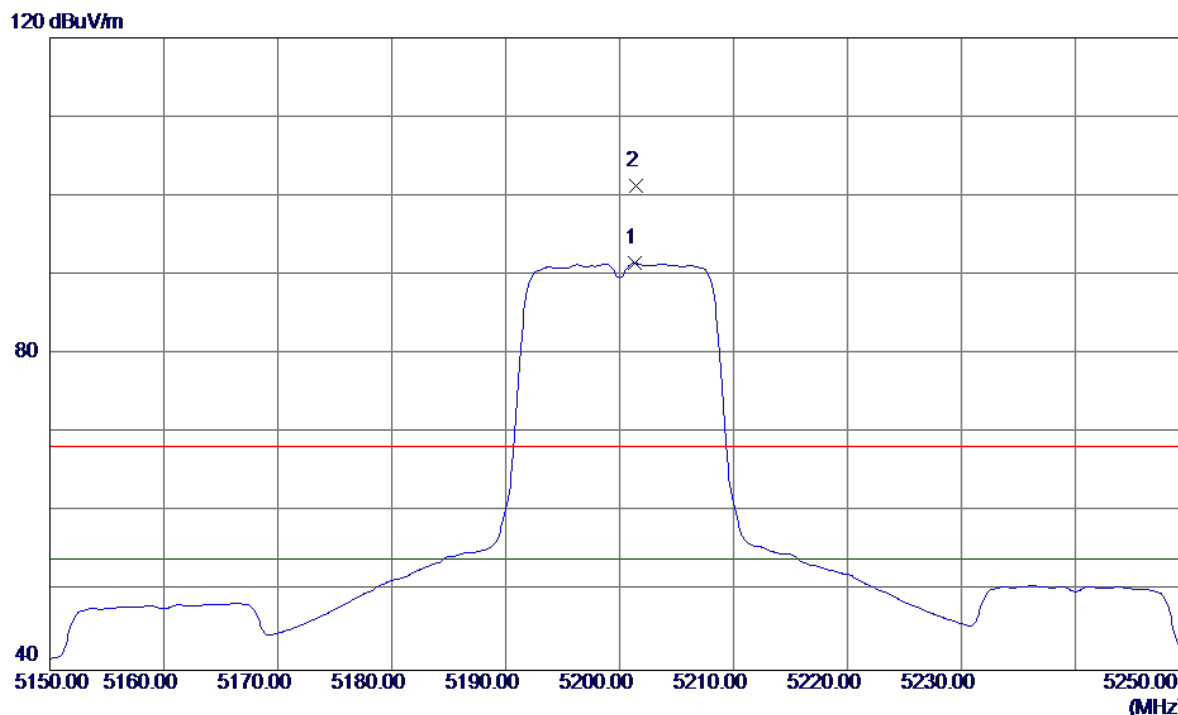
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.0300	35.24	14.40	49.64	68.30	-18.66	Peak	
2	10400.4200	22.65	14.40	37.05	54.00	-16.95	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz_ANT 2

### Horizontal

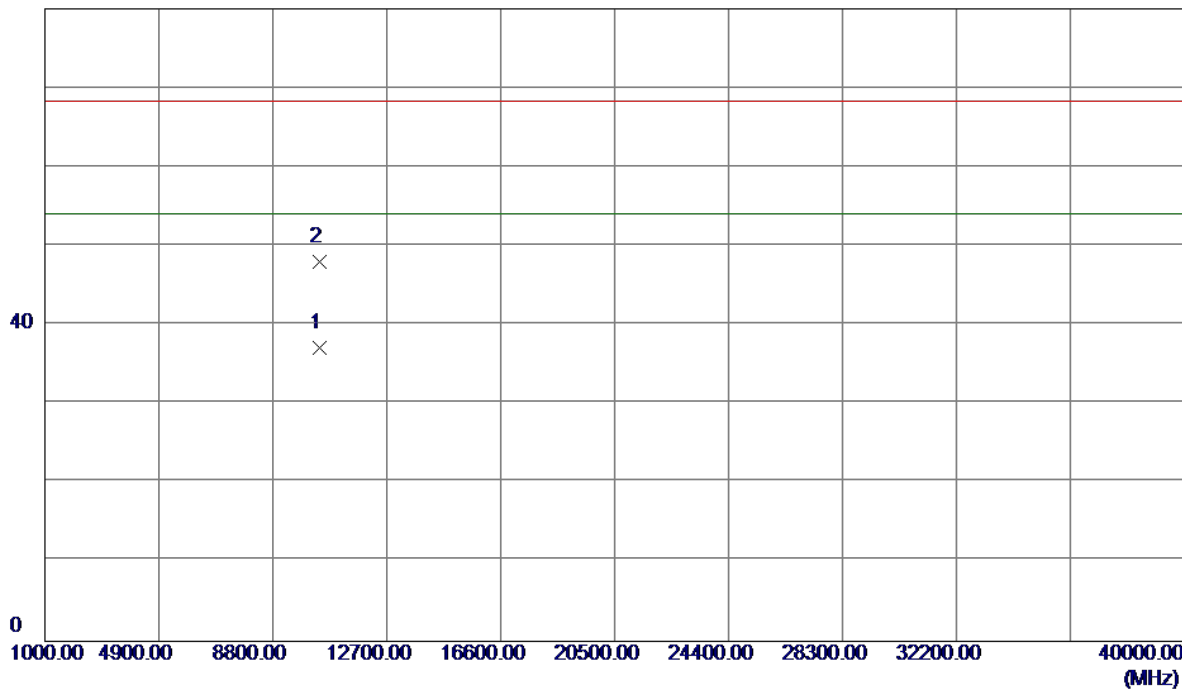


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5201.3000	51.17	40.33	91.50	54.00	37.50	AVG	No Limit	
2	5201.4000	60.90	40.33	101.23	68.30	32.93	Peak	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz_ANT 2

### Horizontal

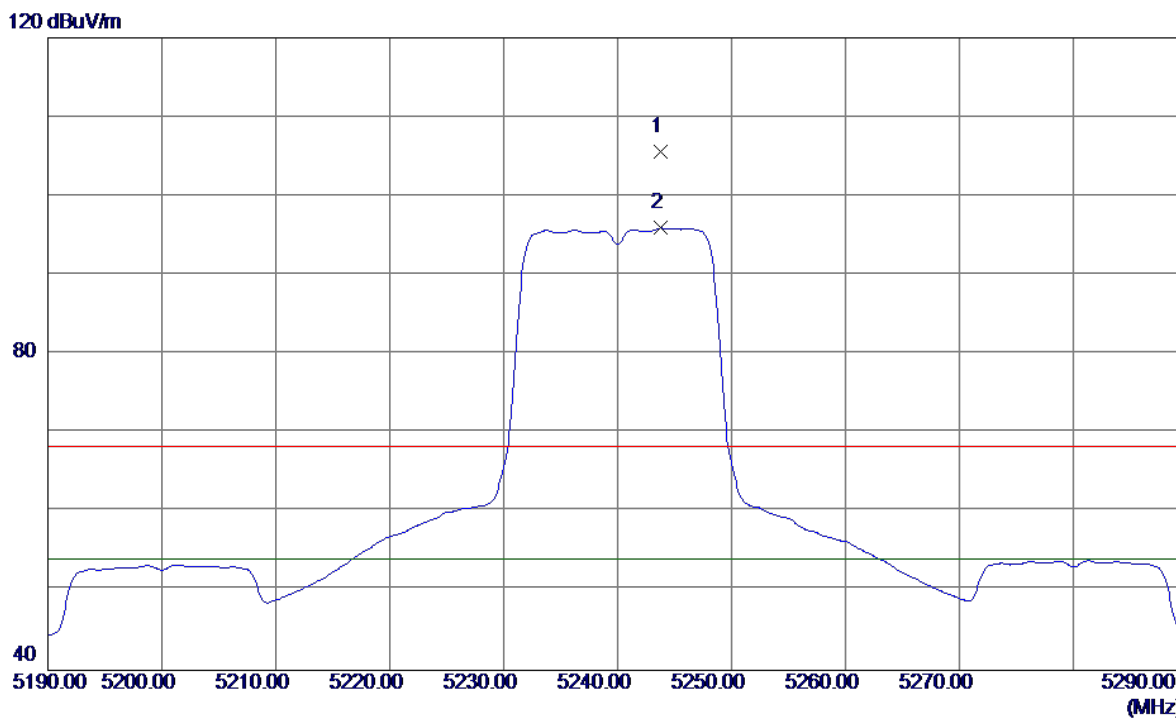
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.9300	22.67	14.40	37.07	54.00	-16.93	AVG	
2	10400.2100	33.56	14.40	47.96	68.30	-20.34	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz_ANT 2

### Vertical

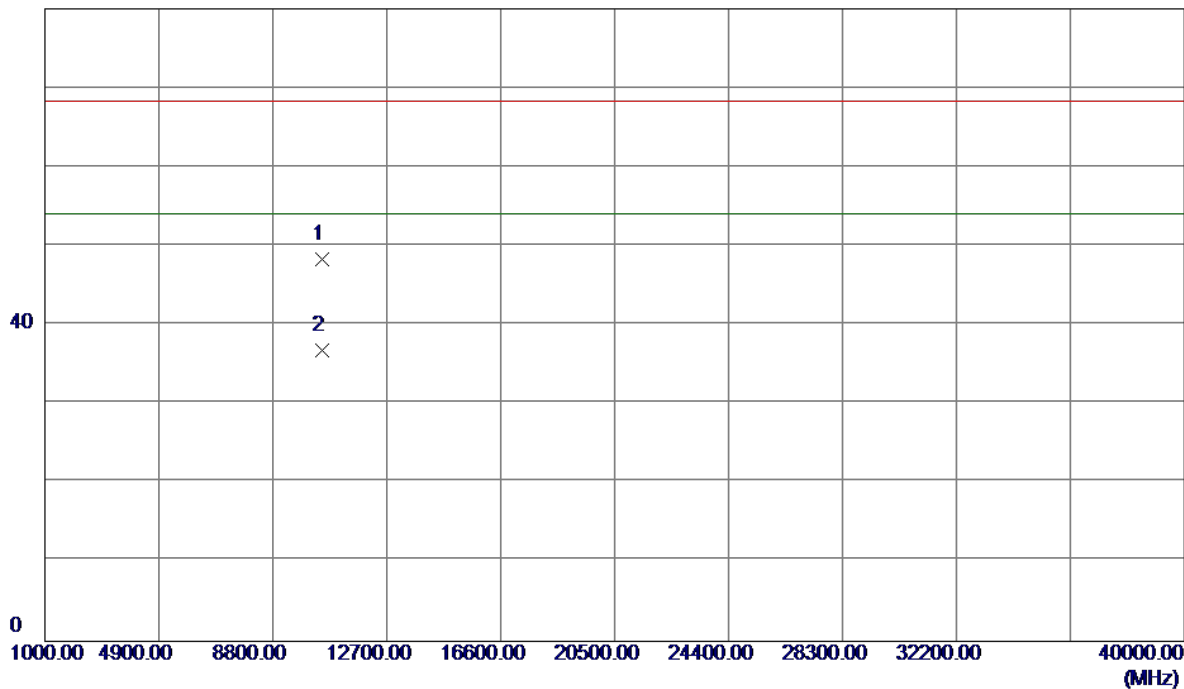


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5243.8000	65.24	40.42	105.66	68.30	37.36	Peak	No Limit	
2	5243.8000	55.51	40.42	95.93	54.00	41.93	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz_ANT 2

**Vertical**

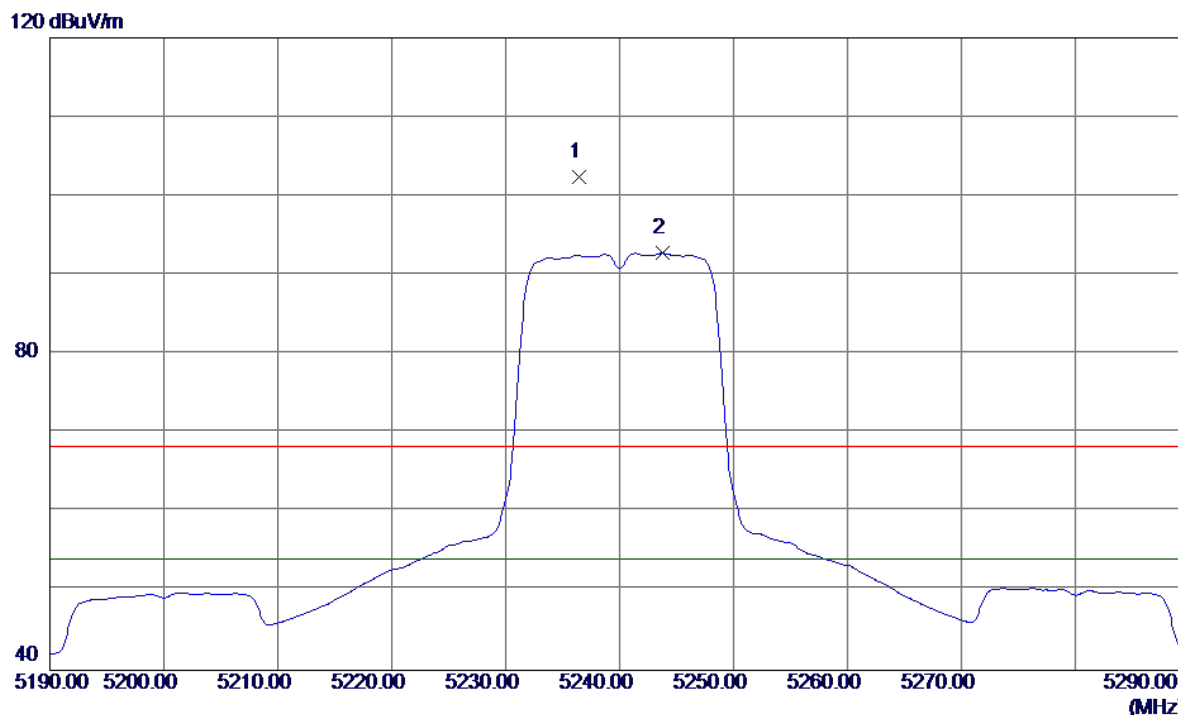
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.5800	33.75	14.56	48.31	68.30	-19.99	Peak	
2	10480.2100	22.31	14.56	36.87	54.00	-17.13	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz_ANT 2

### Horizontal

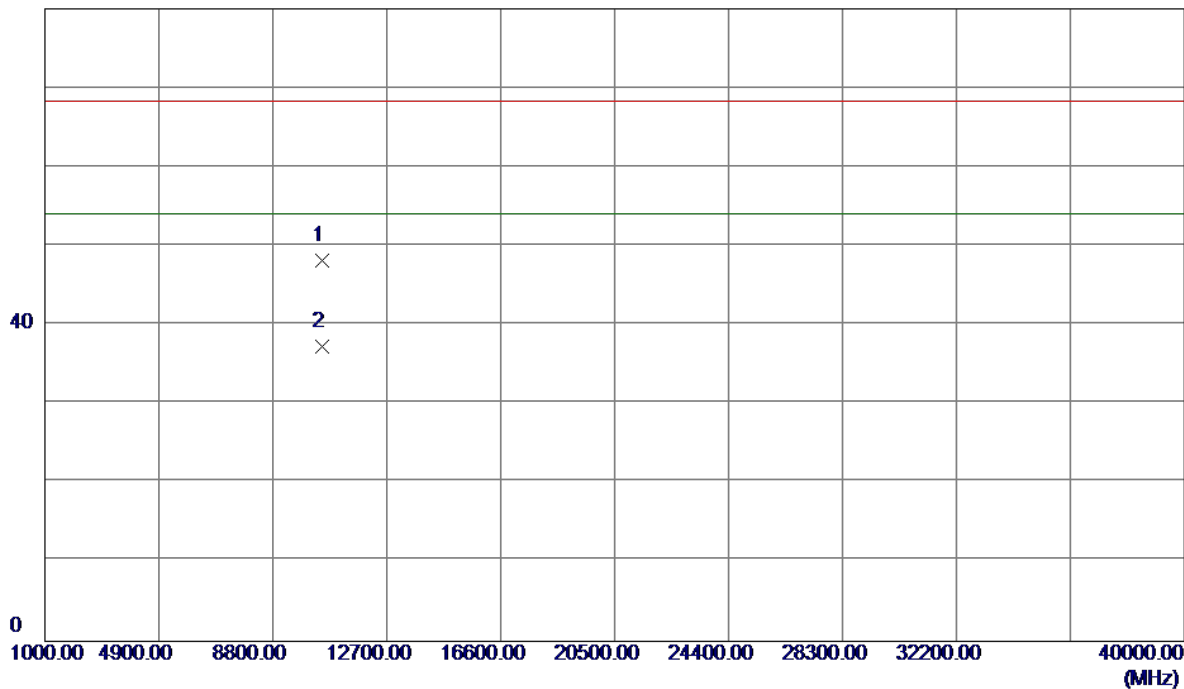


No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	dB			
1	5236.4000	61.94	40.40	102.34	68.30	34.04		Peak	No Limit
2	5243.8000	52.33	40.42	92.75	54.00	38.75		AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz_ANT 2

### Horizontal

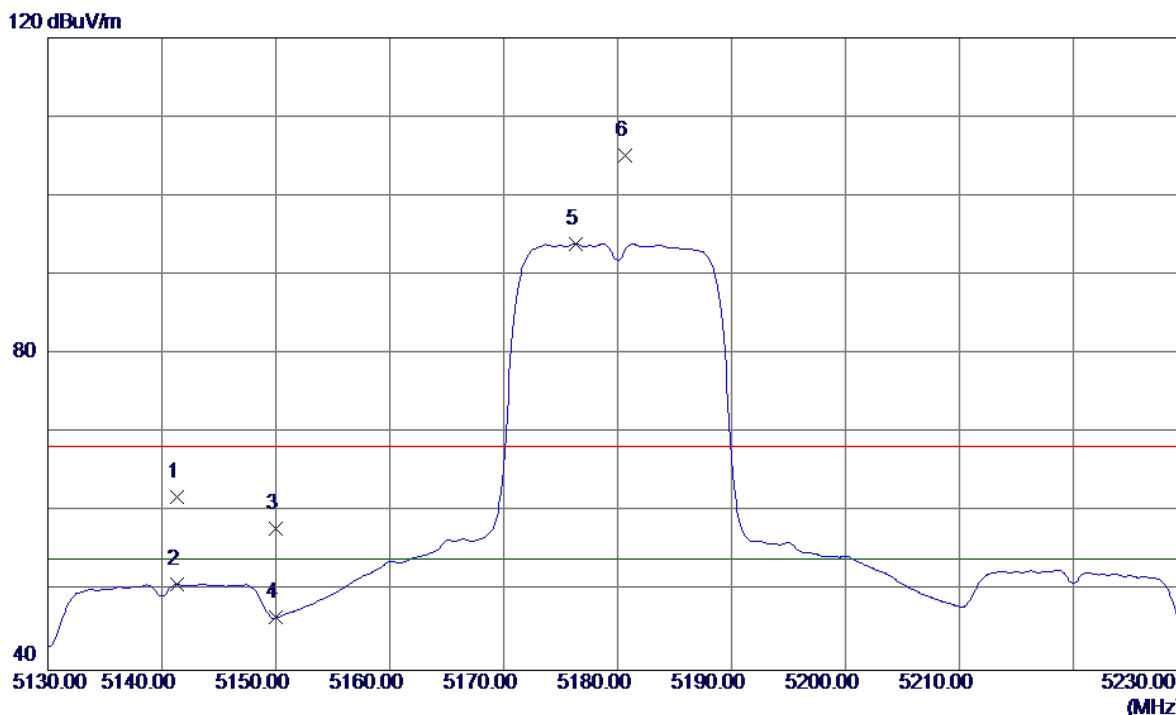
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.9300	33.67	14.56	48.23	68.30	-20.07	Peak	
2	10480.2100	22.73	14.56	37.29	54.00	-16.71	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz_ANT 2

### Vertical

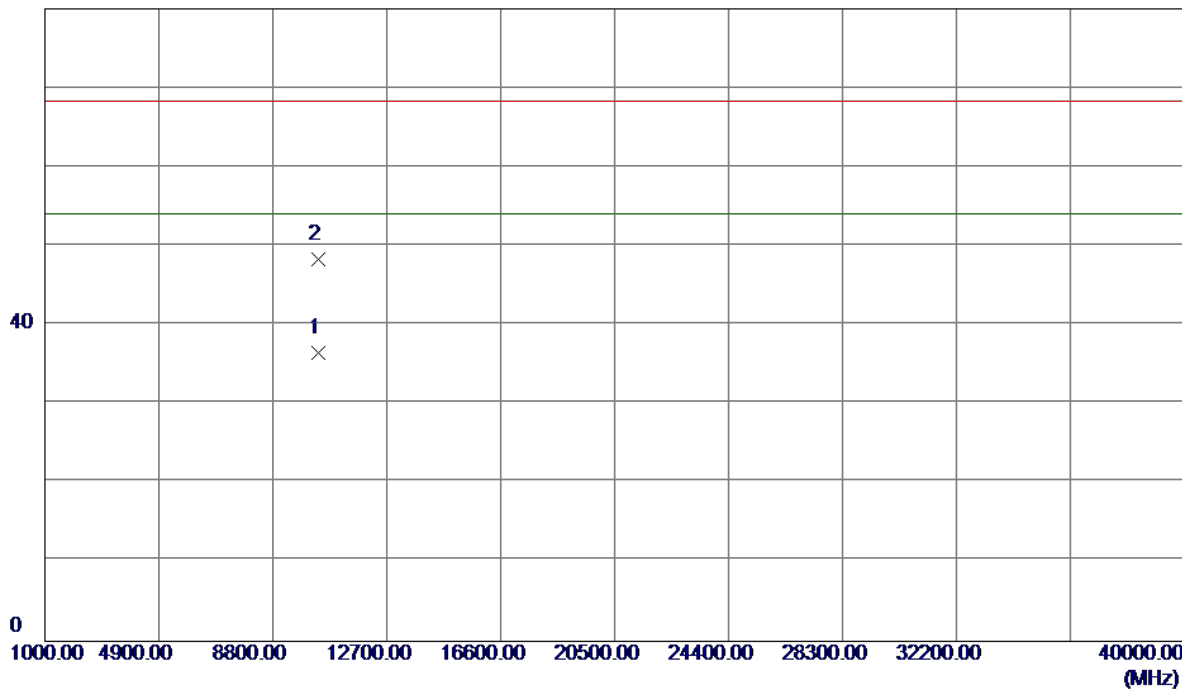


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5141.3000	21.73	40.20	61.93	68.30	-6.37	Peak	
2	5141.3000	10.67	40.20	50.87	54.00	-3.13	AVG	
3	5150.0000	17.65	40.22	57.87	68.30	-10.43	Peak	
4	5150.0000	6.45	40.22	46.67	54.00	-7.33	AVG	
5	5176.3000	53.72	40.27	93.99	54.00	39.99	AVG	No Limit
6	5180.7000	64.79	40.28	105.07	68.30	36.77	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz_ANT 2

**Vertical**

80 dBuV/m

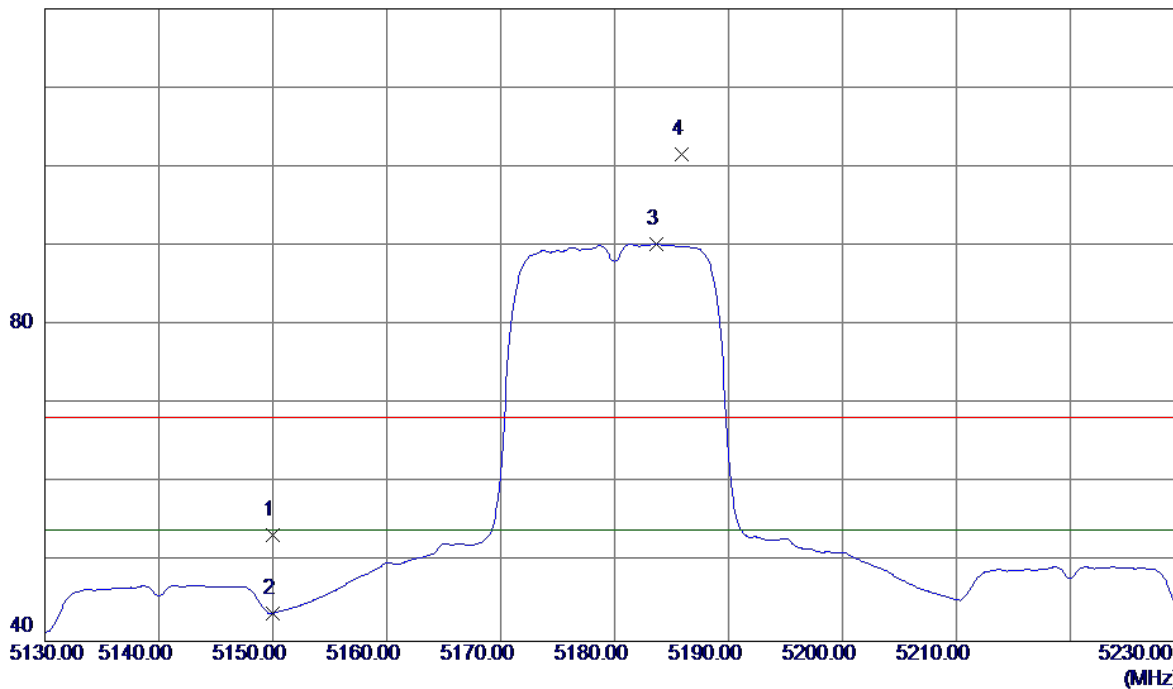


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.2300	22.16	14.33	36.49	54.00	-17.51	AVG	
2	10360.4500	33.98	14.33	48.31	68.30	-19.99	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz_ANT 2

### Horizontal

120 dBuV/m

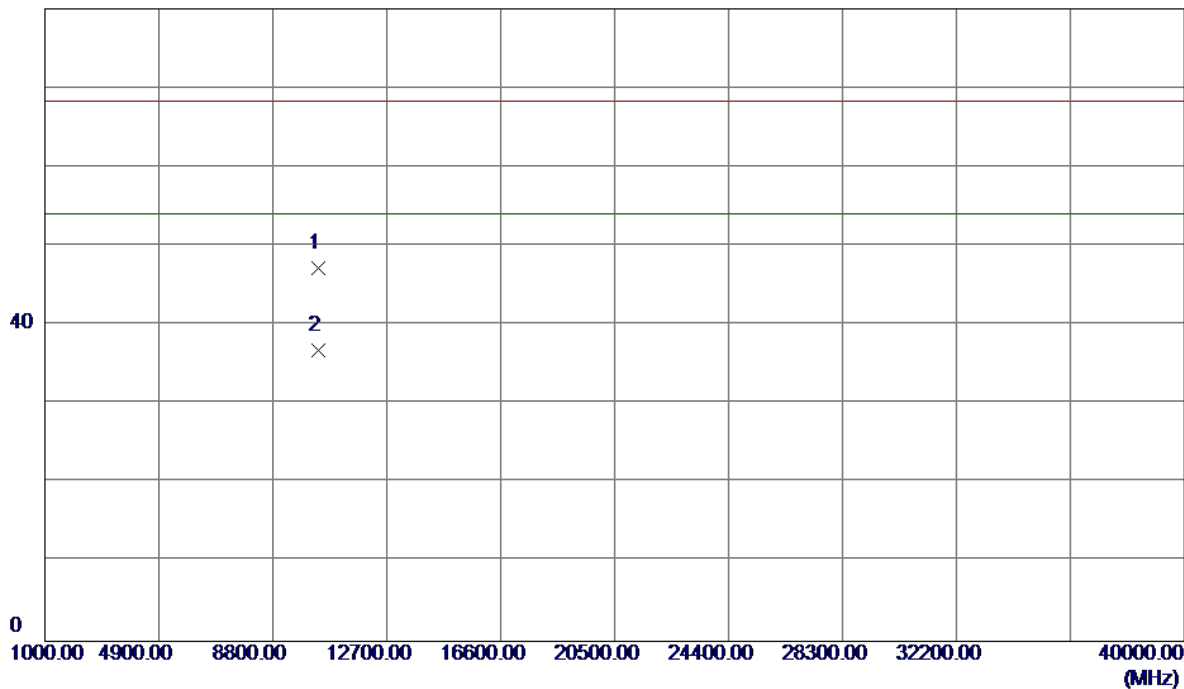


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	13.28	40.22	53.50	68.30	-14.80	Peak	
2	5150.0000	3.33	40.22	43.55	54.00	-10.45	AVG	
3	5183.7000	50.00	40.29	90.29	54.00	36.29	AVG	No Limit
4	5185.9000	61.30	40.29	101.59	68.30	33.29	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz_ANT 2

### Horizontal

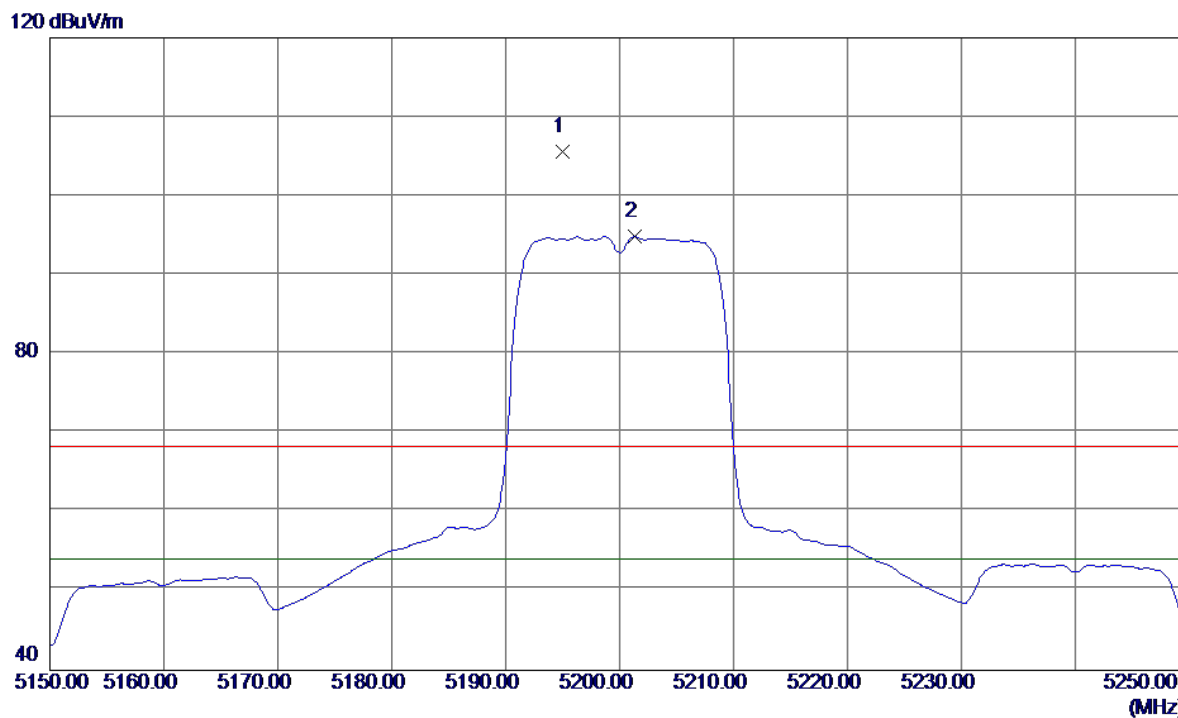
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.1600	32.92	14.33	47.25	68.30	-21.05	Peak	
2	10360.2699	22.47	14.33	36.80	54.00	-17.20	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz_ANT 2

### Vertical

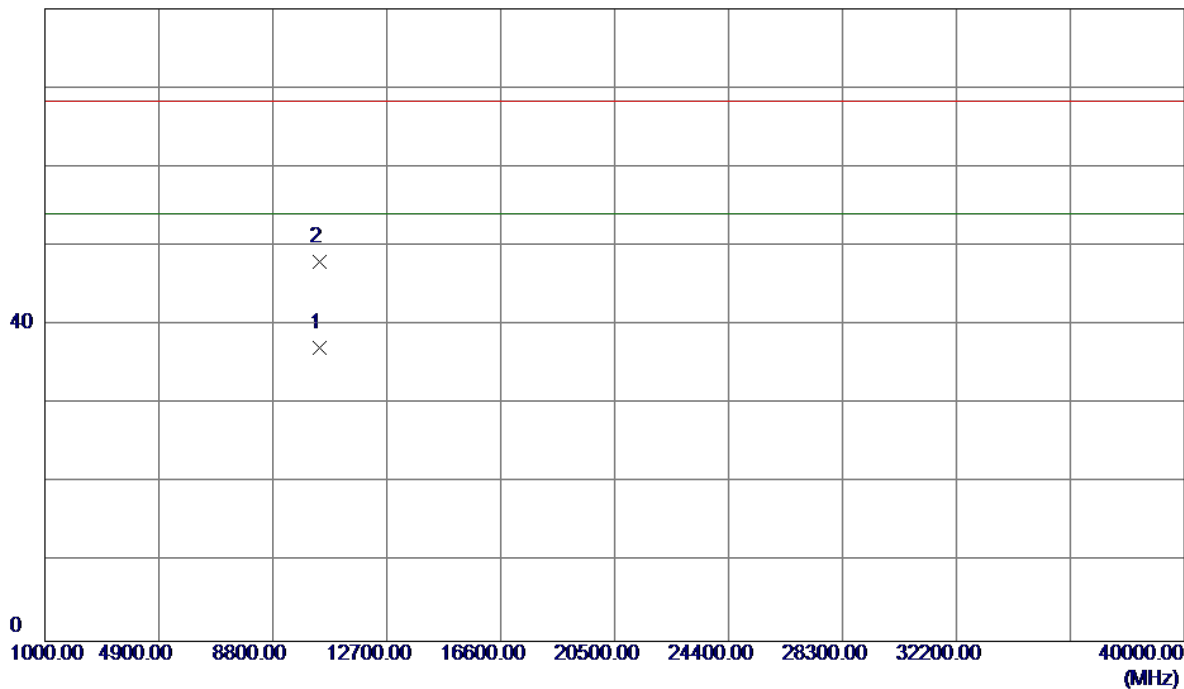


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5195.0000	65.29	40.31	105.60	68.30	37.30	Peak	No Limit	
2	5201.3000	54.49	40.33	94.82	54.00	40.82	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz_ANT 2

**Vertical**

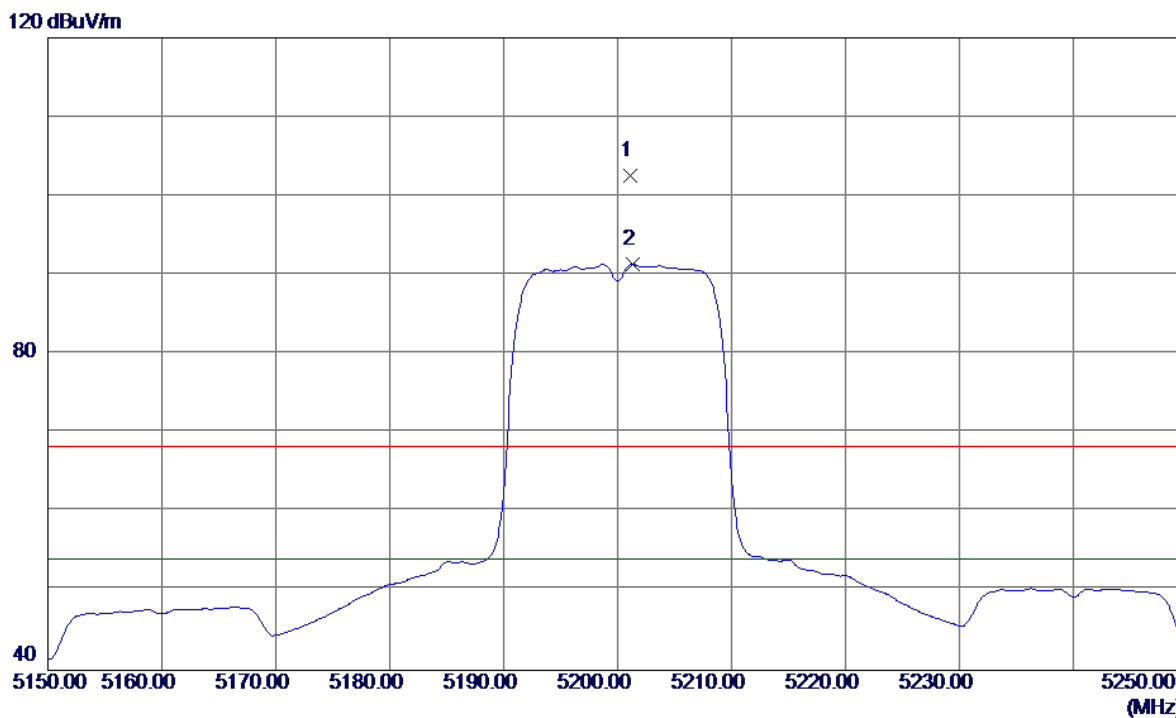
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.5900	22.75	14.40	37.15	54.00	-16.85	AVG	
2	10400.2699	33.62	14.40	48.02	68.30	-20.28	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz_ANT 2

### Horizontal

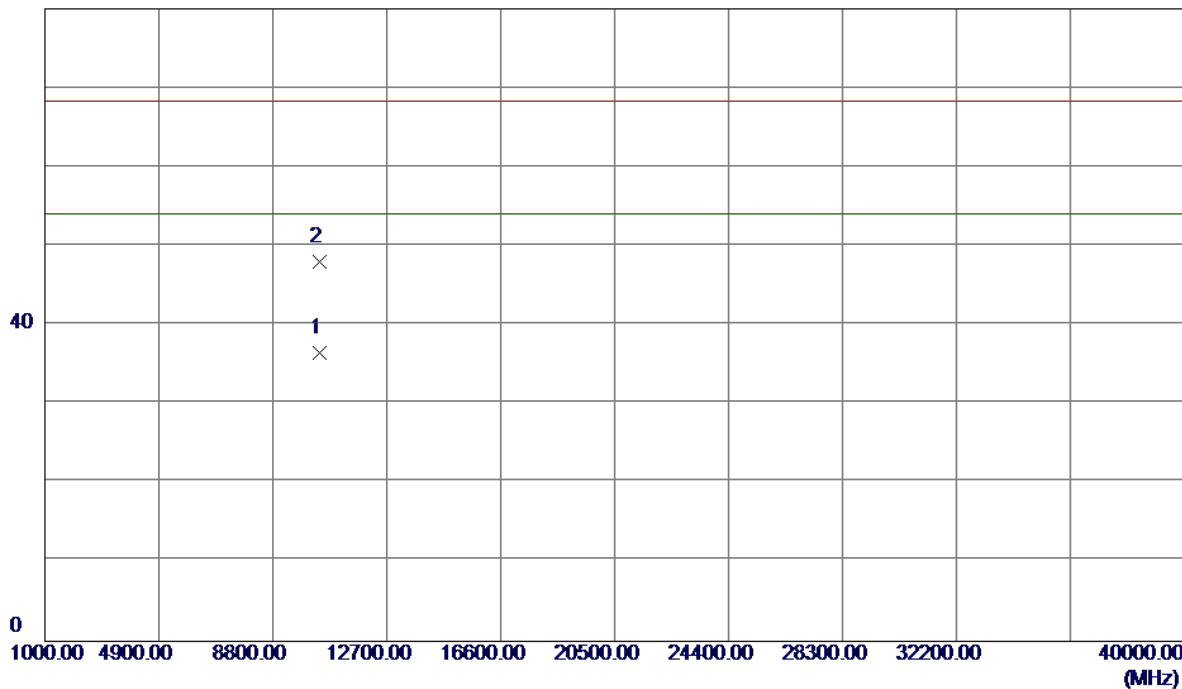


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5201.1000	62.22	40.33	102.55	68.30	34.25	Peak	No Limit	
2	5201.3000	51.04	40.33	91.37	54.00	37.37	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz_ANT 2

### Horizontal

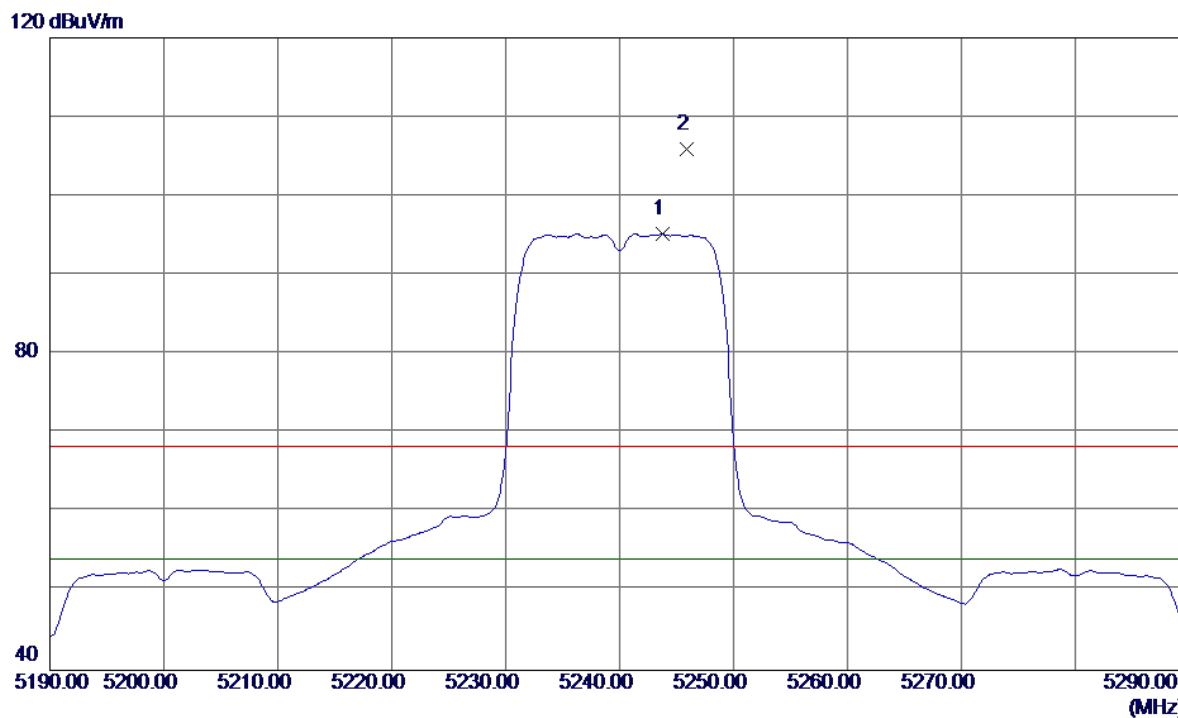
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.3300	22.14	14.40	36.54	54.00	-17.46	AVG	
2	10400.4200	33.56	14.40	47.96	68.30	-20.34	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz_ANT 2

### Vertical

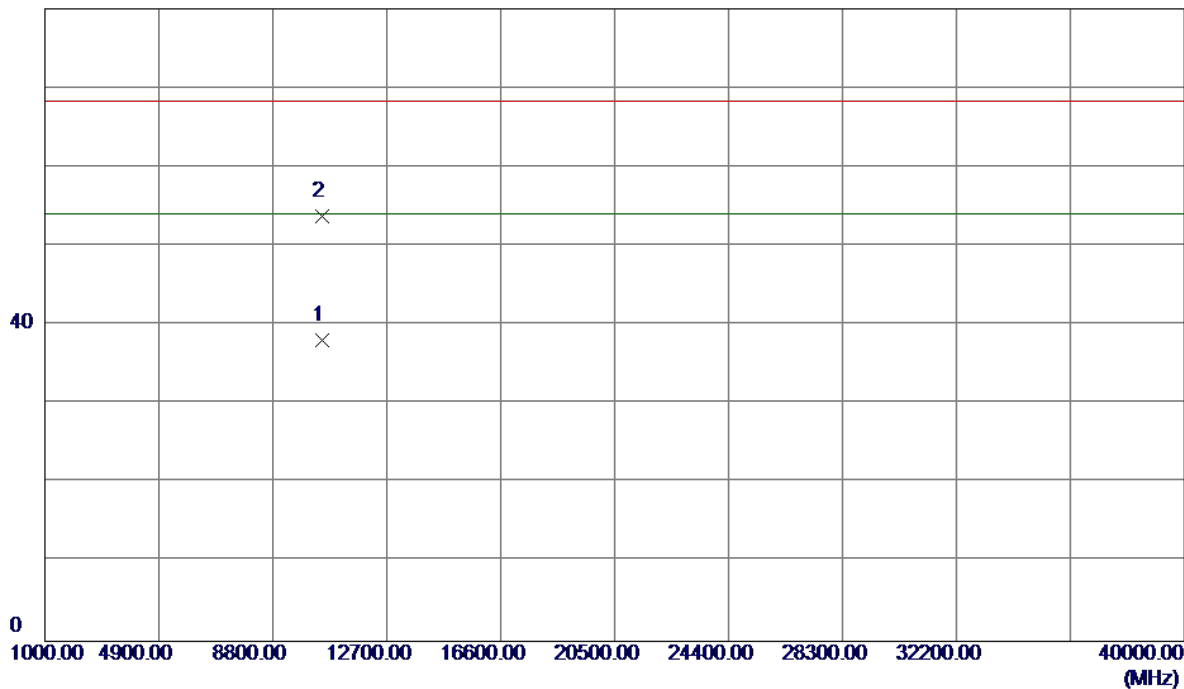


No.	Freq.	Reading	Correct	Measure	Limit	Over	Detector	Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	dB		
1	5243.8000	54.76	40.42	95.18	54.00	41.18	AVG	No Limit
2	5245.9000	65.48	40.42	105.90	68.30	37.60	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz_ANT 2

**Vertical**

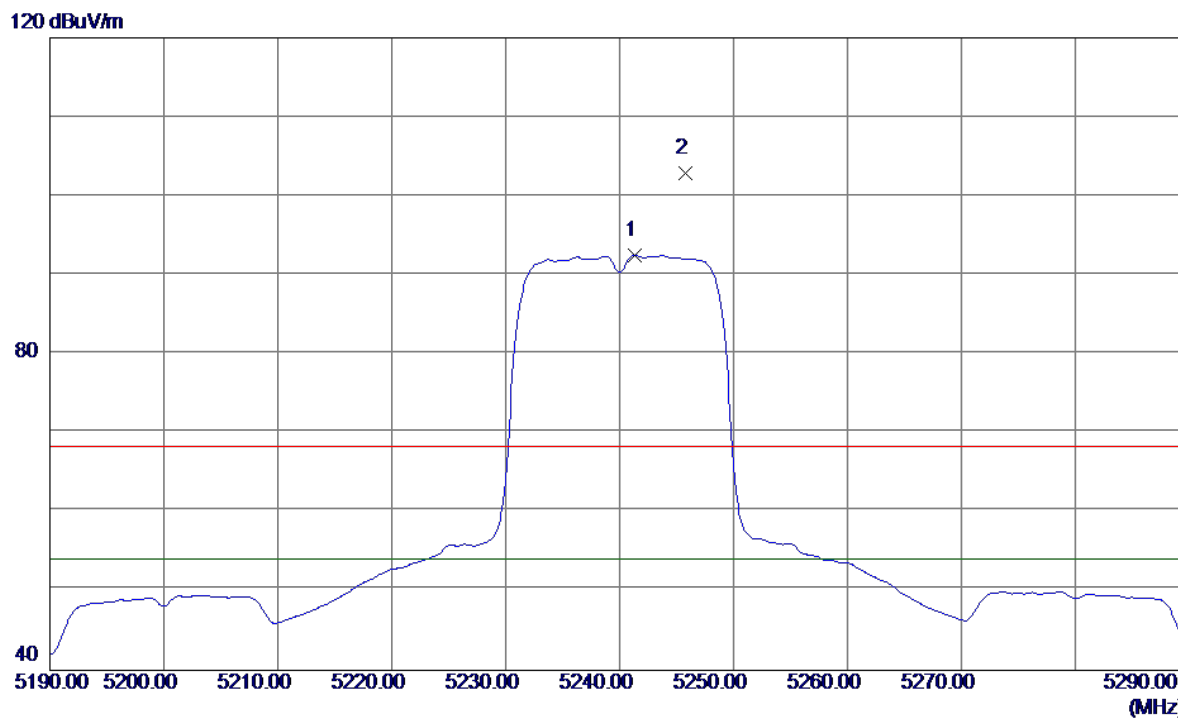
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.8500	23.52	14.56	38.08	54.00	-15.92	AVG	
2	10480.3700	39.24	14.56	53.80	68.30	-14.50	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz_ANT 2

### Horizontal

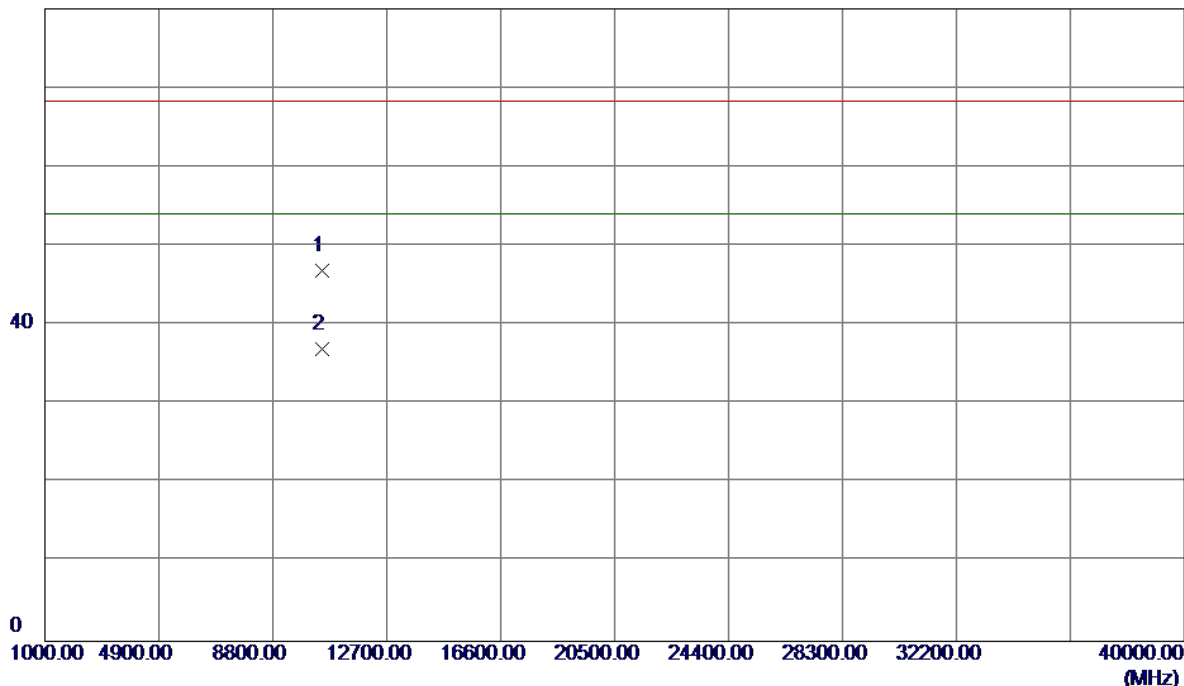


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5241.3000	52.09	40.41	92.50	54.00	38.50	AVG	No Limit	
2	5245.8000	62.43	40.42	102.85	68.30	34.55	Peak	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz_ANT 2

### Horizontal

80 dBuV/m

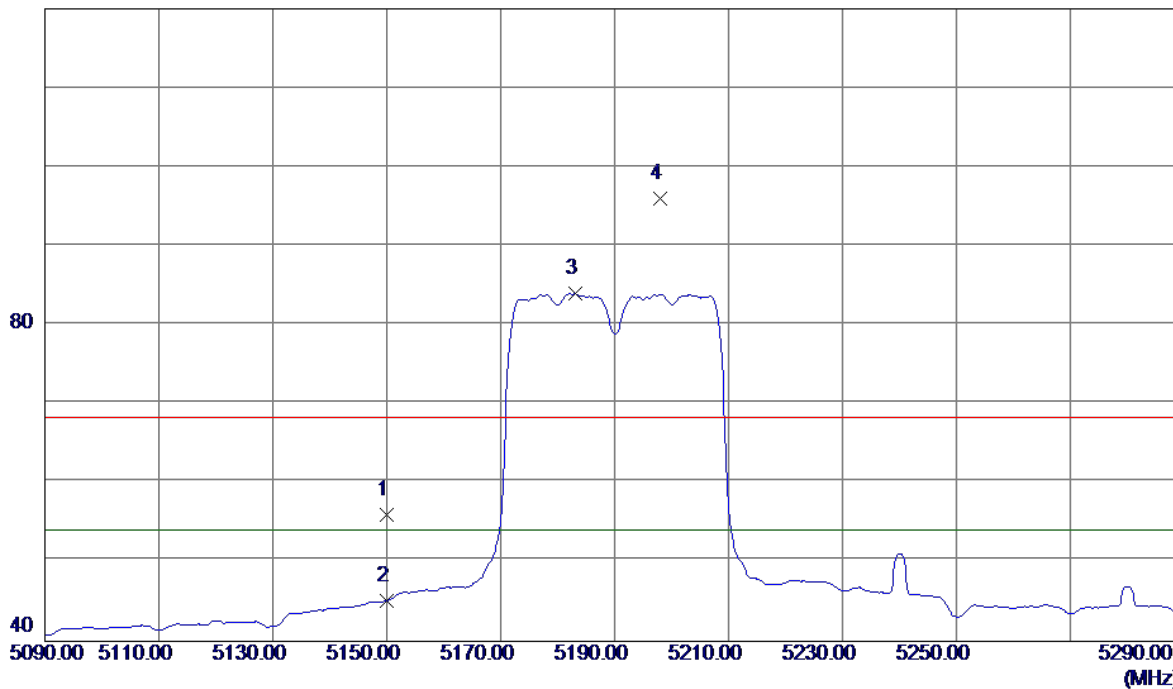


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10480.1000	32.27	14.56	46.83	68.30	-21.47	Peak	
2	10480.3200	22.46	14.56	37.02	54.00	-16.98	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz_ANT 2

### Vertical

120 dBuV/m

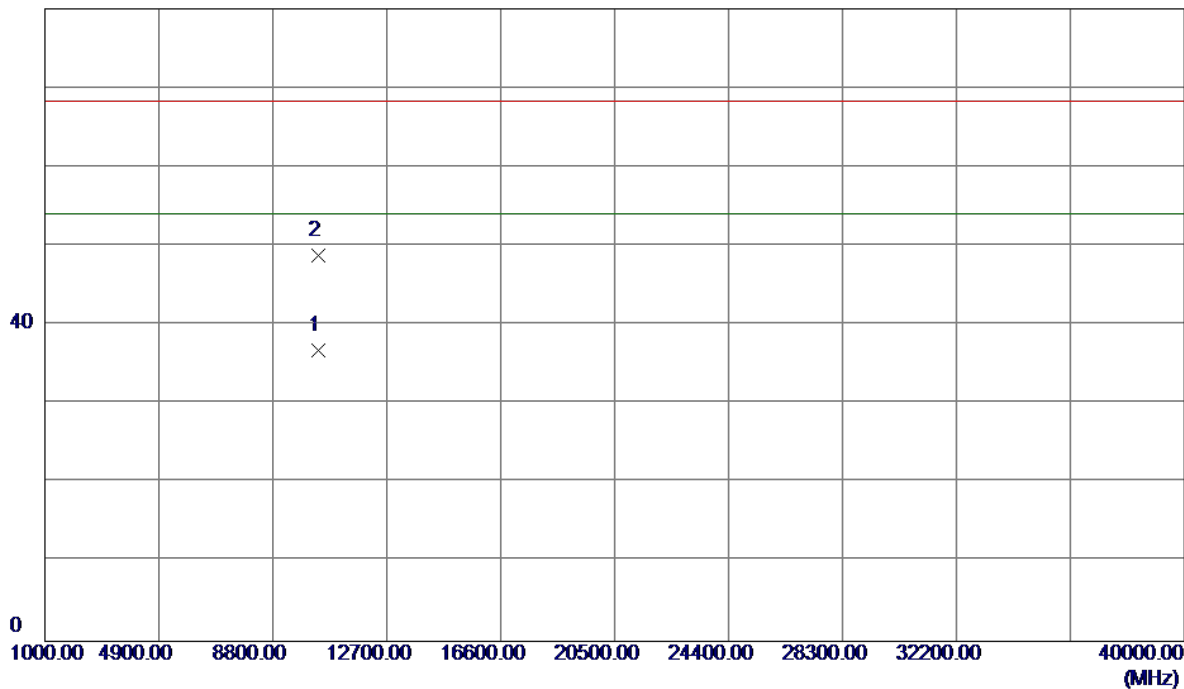


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	15.76	40.22	55.98	68.30	-12.32	Peak	
2	5150.0000	4.87	40.22	45.09	54.00	-8.91	AVG	
3	5183.2000	43.66	40.29	83.95	54.00	29.95	AVG	No Limit
4	5198.0000	55.73	40.32	96.05	68.30	27.75	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz_ANT 2

**Vertical**

80 dBuV/m

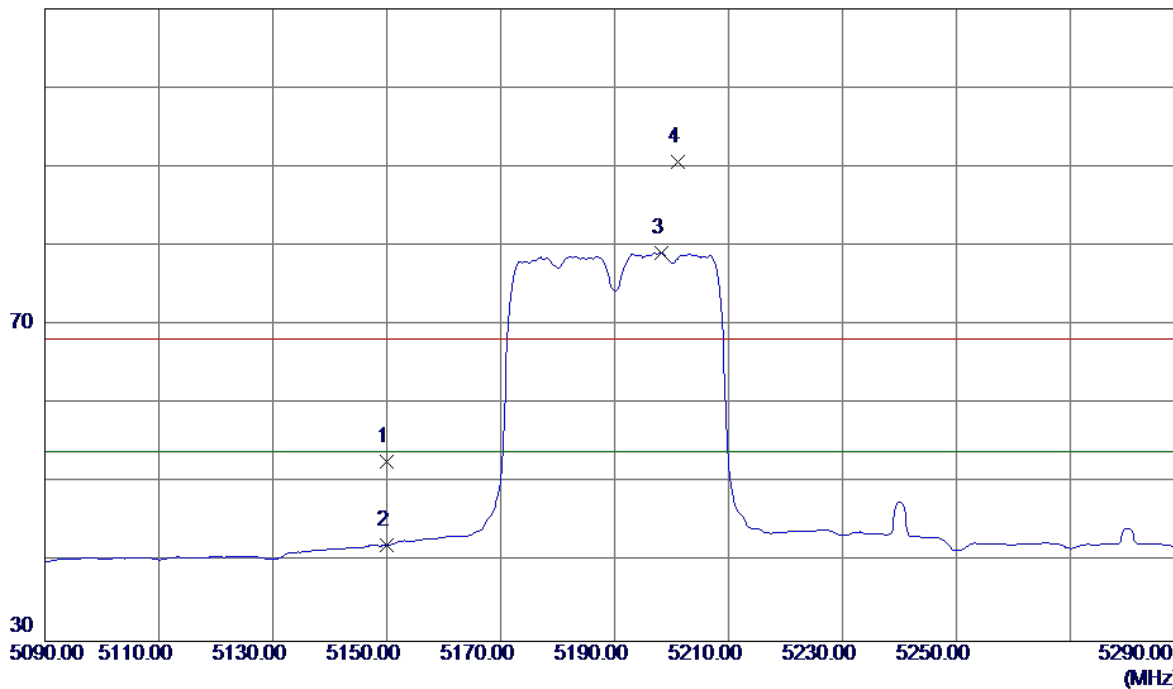


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.2800	22.38	14.37	36.75	54.00	-17.25	AVG	
2	10380.3700	34.37	14.37	48.74	68.30	-19.56	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz_ANT 2

### Horizontal

110 dBuV/m

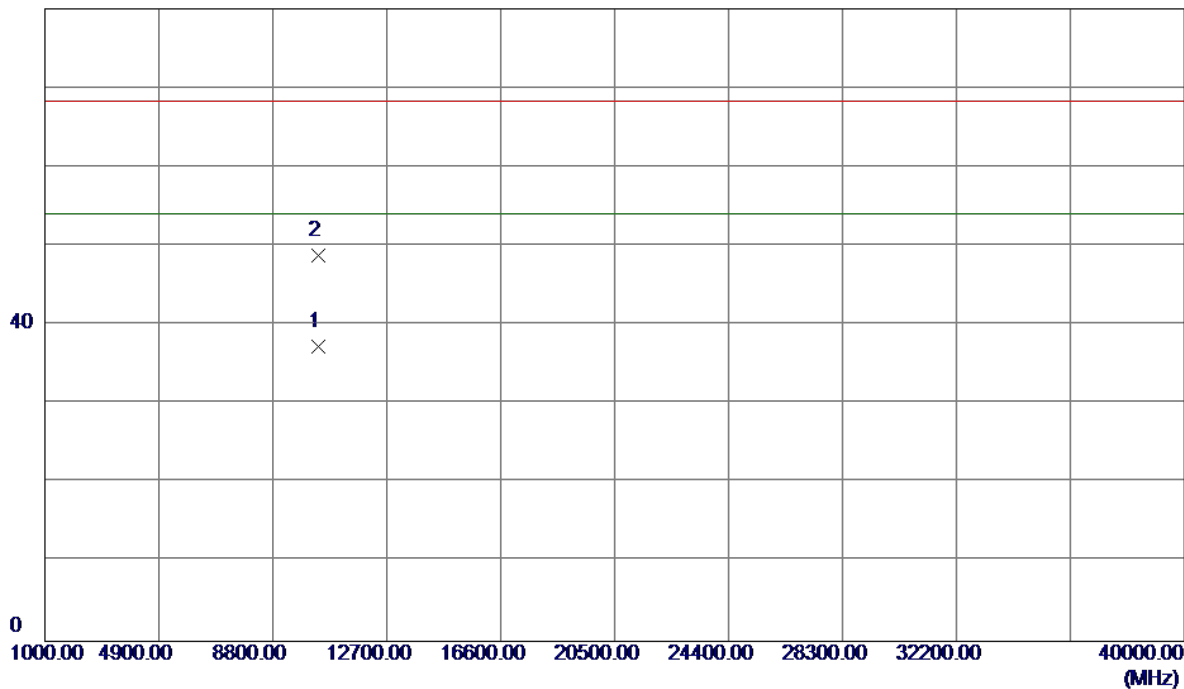


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	12.43	40.22	52.65	68.30	-15.65	Peak	
2	5150.0000	1.90	40.22	42.12	54.00	-11.88	AVG	
3	5198.2000	38.85	40.32	79.17	54.00	25.17	AVG	No Limit
4	5201.2000	50.28	40.33	90.61	68.30	22.31	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz_ANT 2

### Horizontal

80 dBuV/m

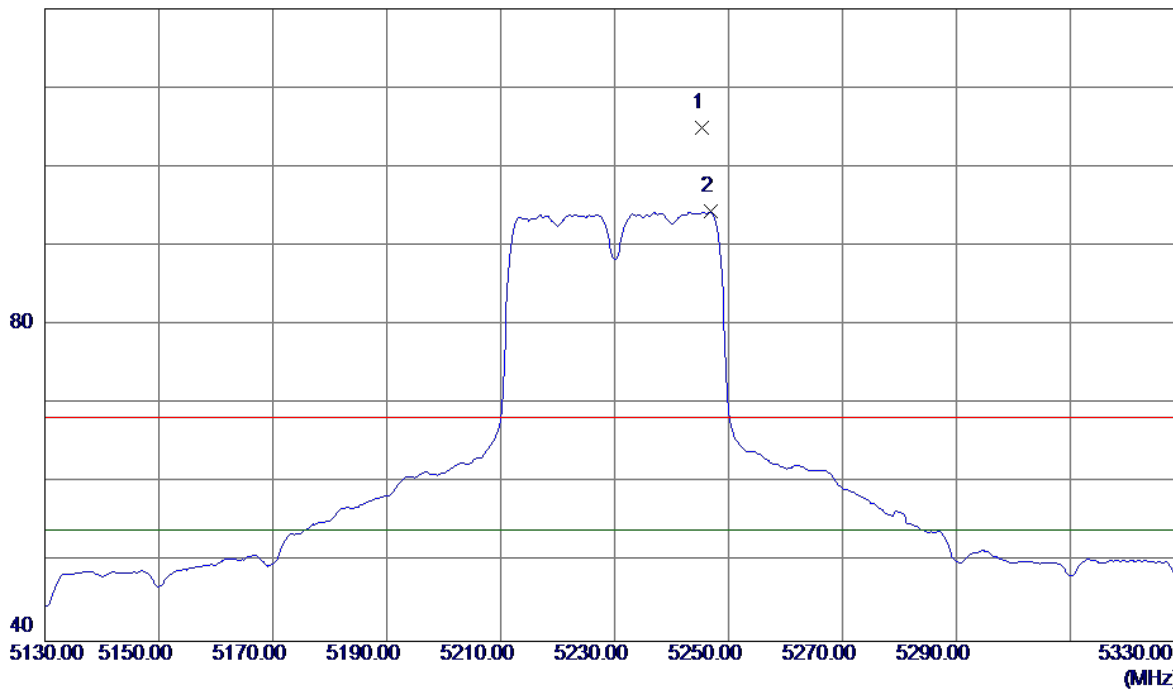


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.2500	22.97	14.37	37.34	54.00	-16.66	AVG	
2	10380.2800	34.45	14.37	48.82	68.30	-19.48	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz_ANT 2

**Vertical**

120 dBuV/m

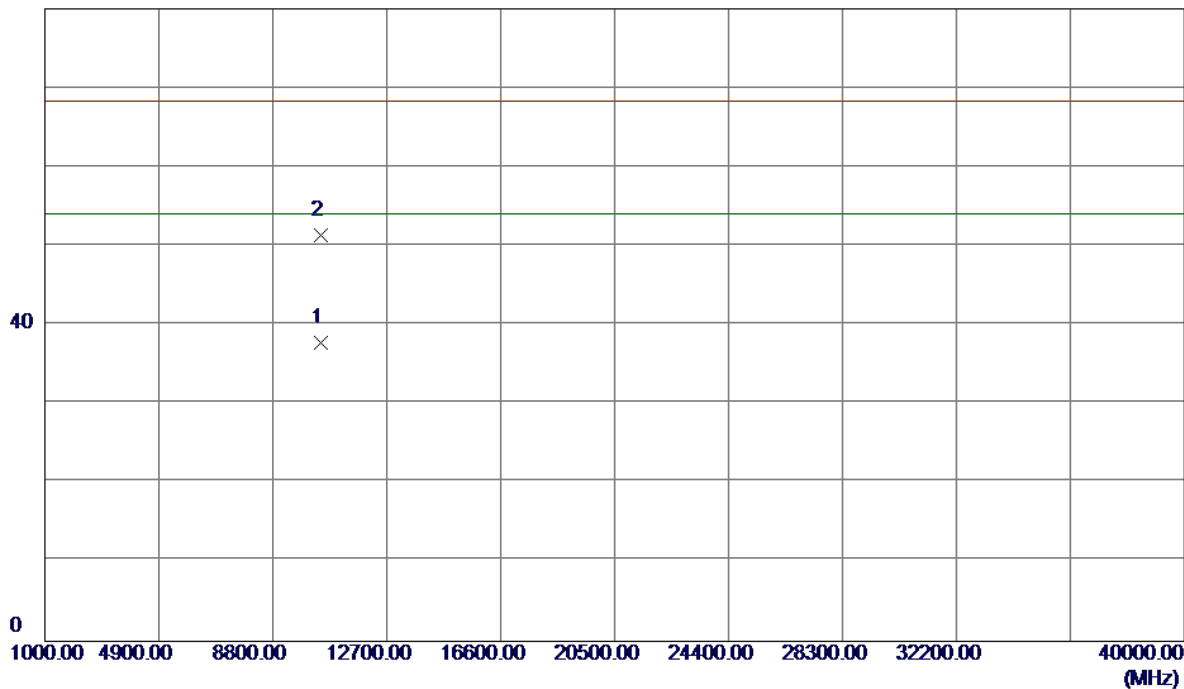


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5245.4000	64.49	40.42	104.91	68.30	36.61	Peak	No Limit	
2	5246.8000	53.92	40.42	94.34	54.00	40.34	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz_ANT 2

**Vertical**

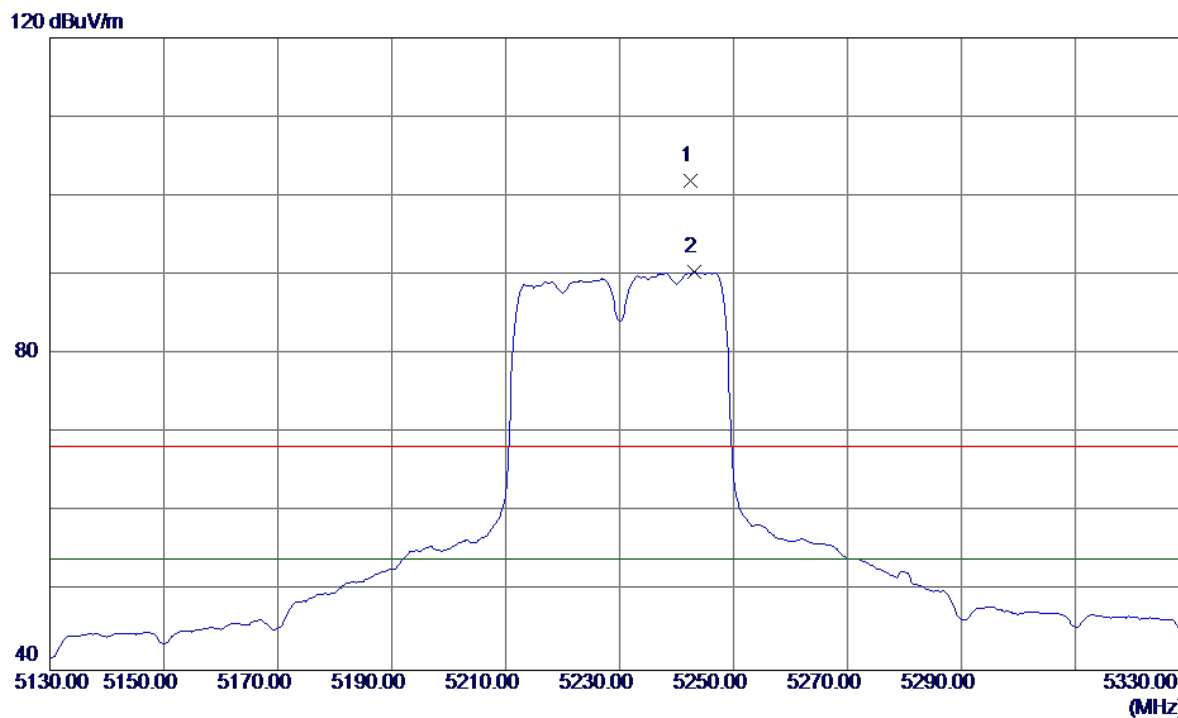
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.3200	23.29	14.52	37.81	54.00	-16.19	AVG	
2	10460.5599	36.77	14.52	51.29	68.30	-17.01	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz_ANT 2

### Horizontal

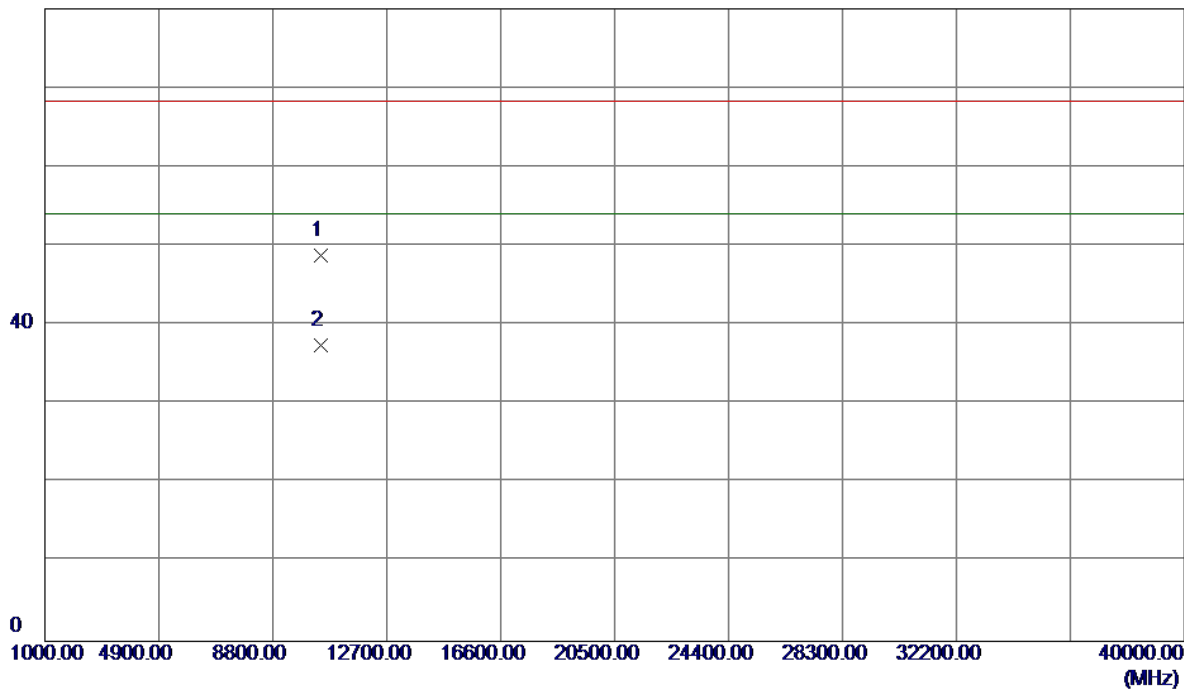


No.	Freq.	Reading	Correct	Measure	Limit	Over		Detector	Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	dB			
1	5242.4000	61.47	40.41	101.88	68.30	33.58		Peak	No Limit
2	5243.2000	49.99	40.42	90.41	54.00	36.41		AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz_ANT 2

### Horizontal

80 dBuV/m

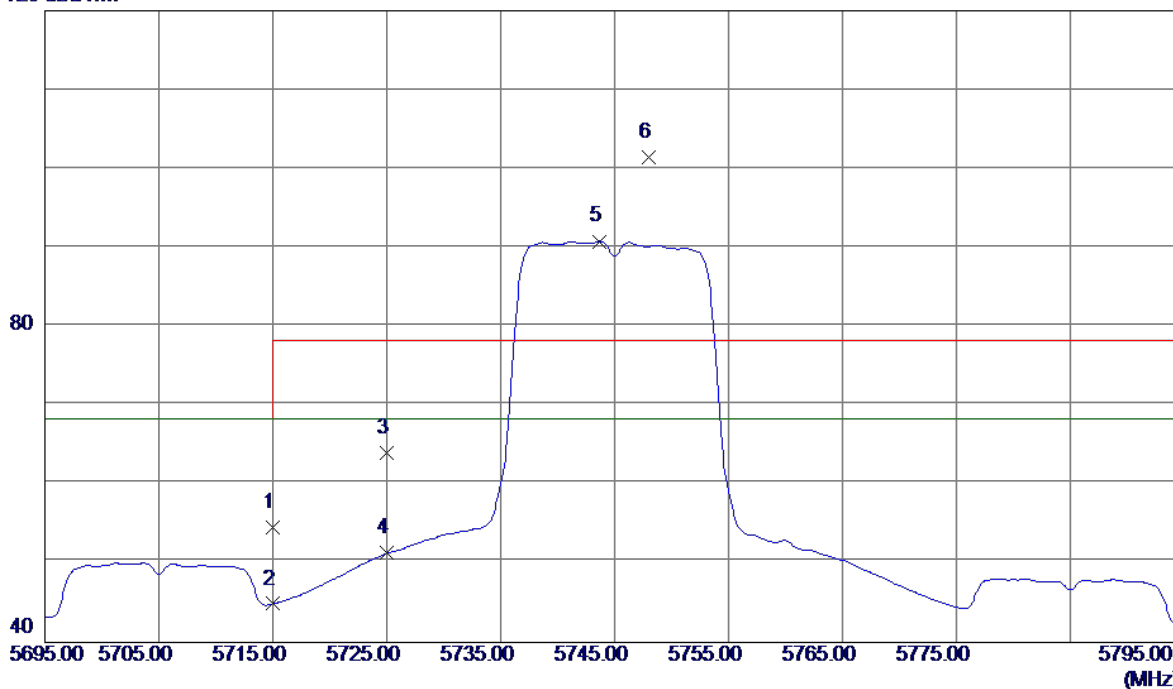


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10459.7500	34.29	14.52	48.81	68.30	-19.49	Peak	
2	10460.6300	22.94	14.52	37.46	54.00	-16.54	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 2

### Vertical

120 dBuV/m

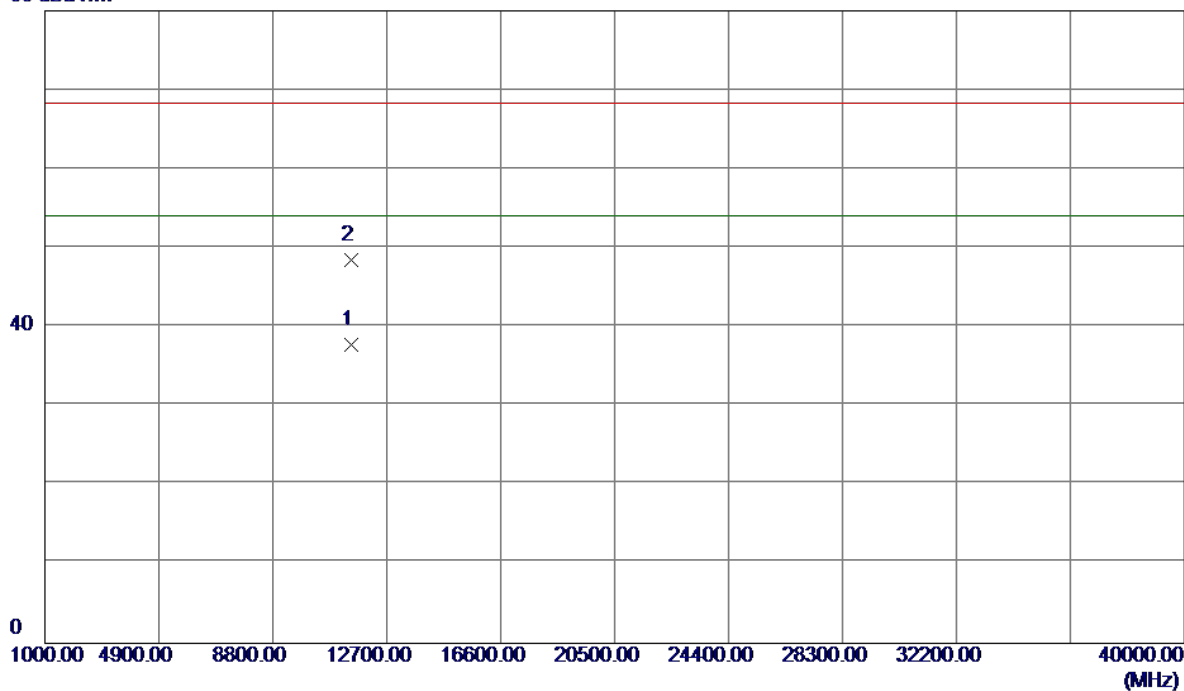


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	13.25	41.25	54.50	68.30	-13.80	Peak	
2	5715.0000	3.63	41.25	44.88	68.30	-23.42	AVG	
3	5725.0000	22.68	41.27	63.95	78.30	-14.35	Peak	
4	5725.0000	10.03	41.27	51.30	68.30	-17.00	AVG	
5	5743.7000	49.51	41.29	90.80	68.30	22.50	AVG	No Limit
6	5748.0000	60.11	41.30	101.41	78.30	23.11	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 2

### Vertical

80 dBuV/m

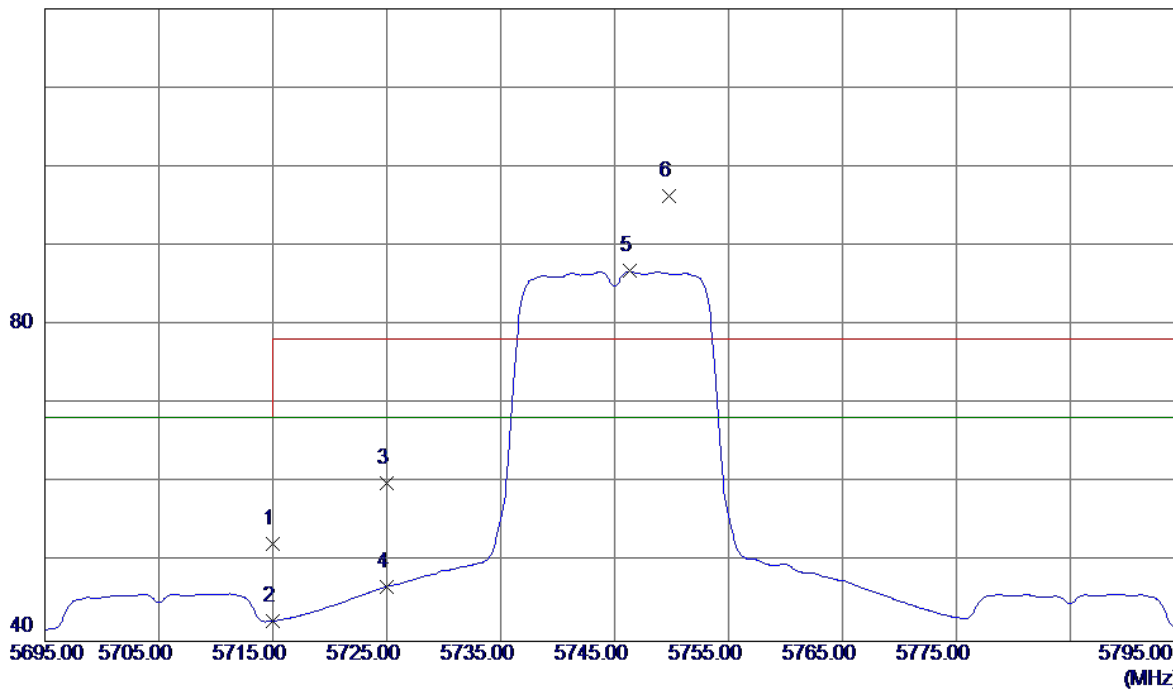


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.1200	22.28	15.52	37.80	54.00	-16.20	AVG	
2	11490.2600	32.93	15.52	48.45	68.30	-19.85	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 2

### Horizontal

120 dBuV/m

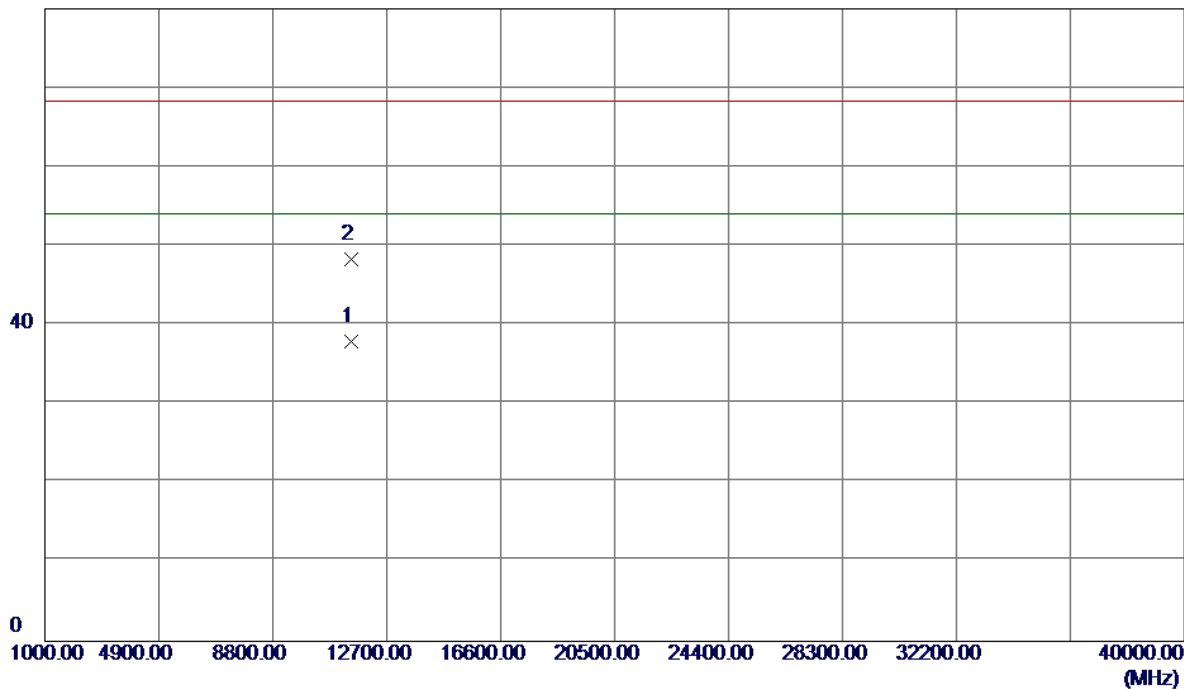


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.11	41.25	52.36	68.30	-15.94	Peak	
2	5715.0000	1.31	41.25	42.56	68.30	-25.74	AVG	
3	5725.0000	18.71	41.27	59.98	78.30	-18.32	Peak	
4	5725.0000	5.67	41.27	46.94	68.30	-21.36	AVG	
5	5746.3000	45.52	41.29	86.81	68.30	18.51	AVG	No Limit
6	5749.8000	55.02	41.30	96.32	78.30	18.02	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz_ANT 2

### Horizontal

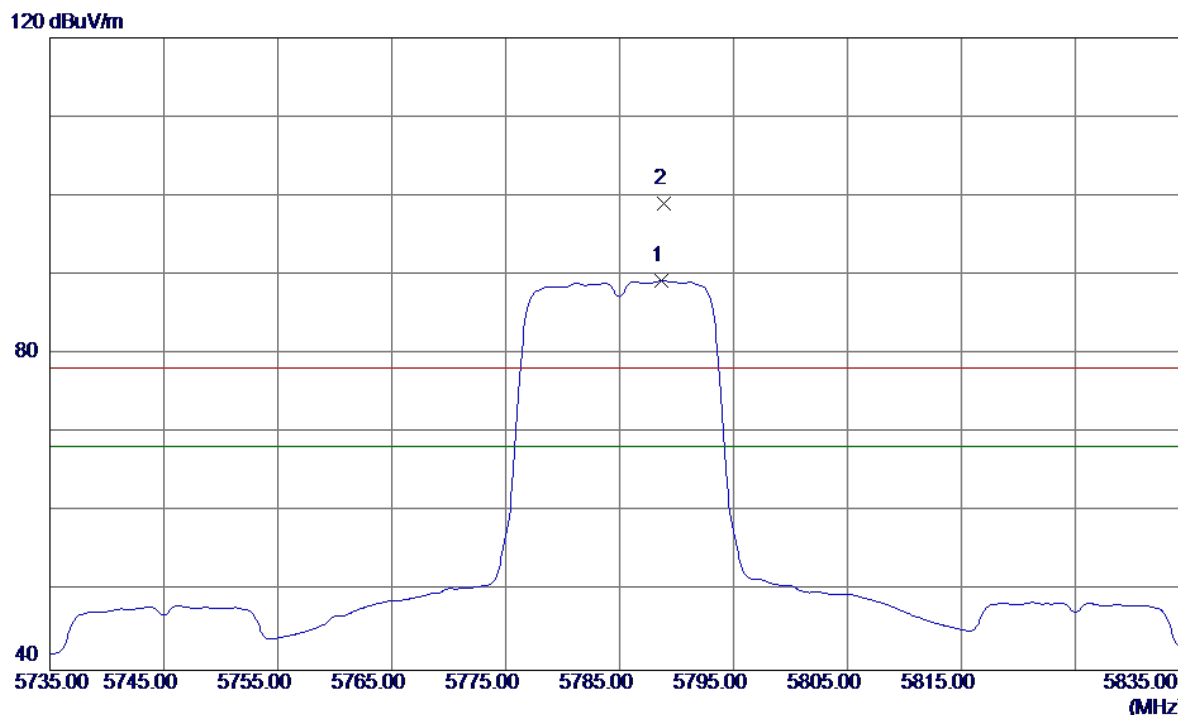
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11489.4000	22.43	15.52	37.95	54.00	-16.05	AVG	
2	11490.2699	32.76	15.52	48.28	68.30	-20.02	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 2

### Vertical

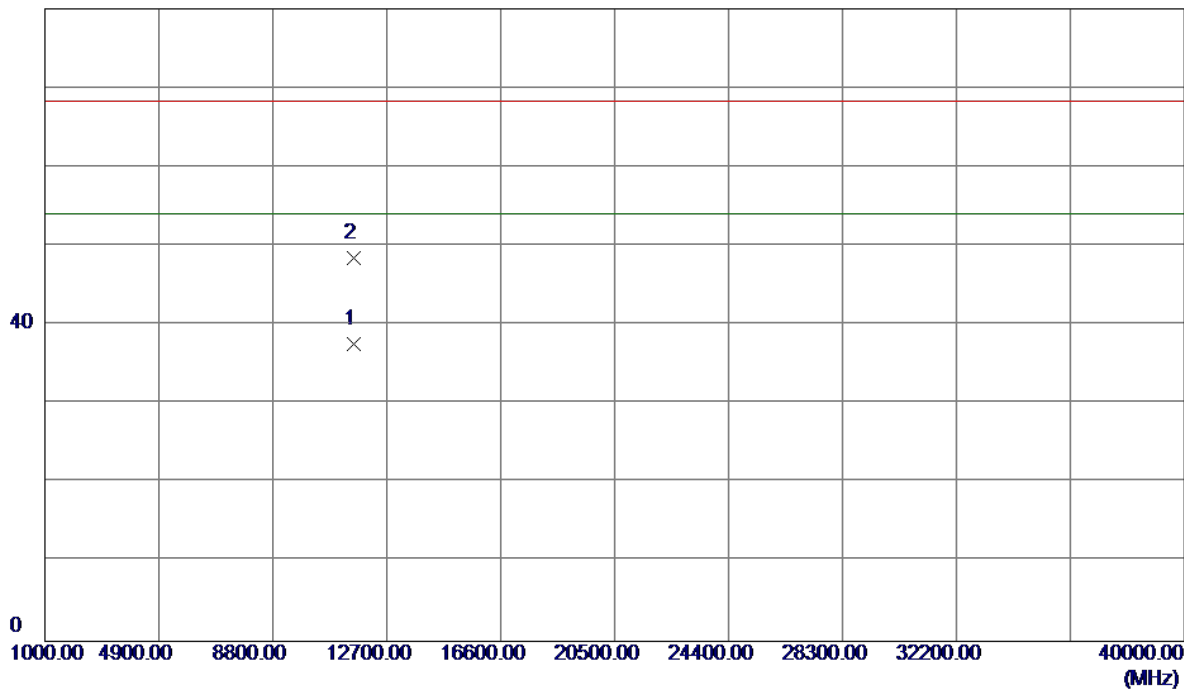


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5788.7000	47.94	41.35	89.29	68.30	20.99	AVG	No Limit	
2	5788.9000	57.68	41.35	99.03	78.30	20.73	Peak	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 2

**Vertical**

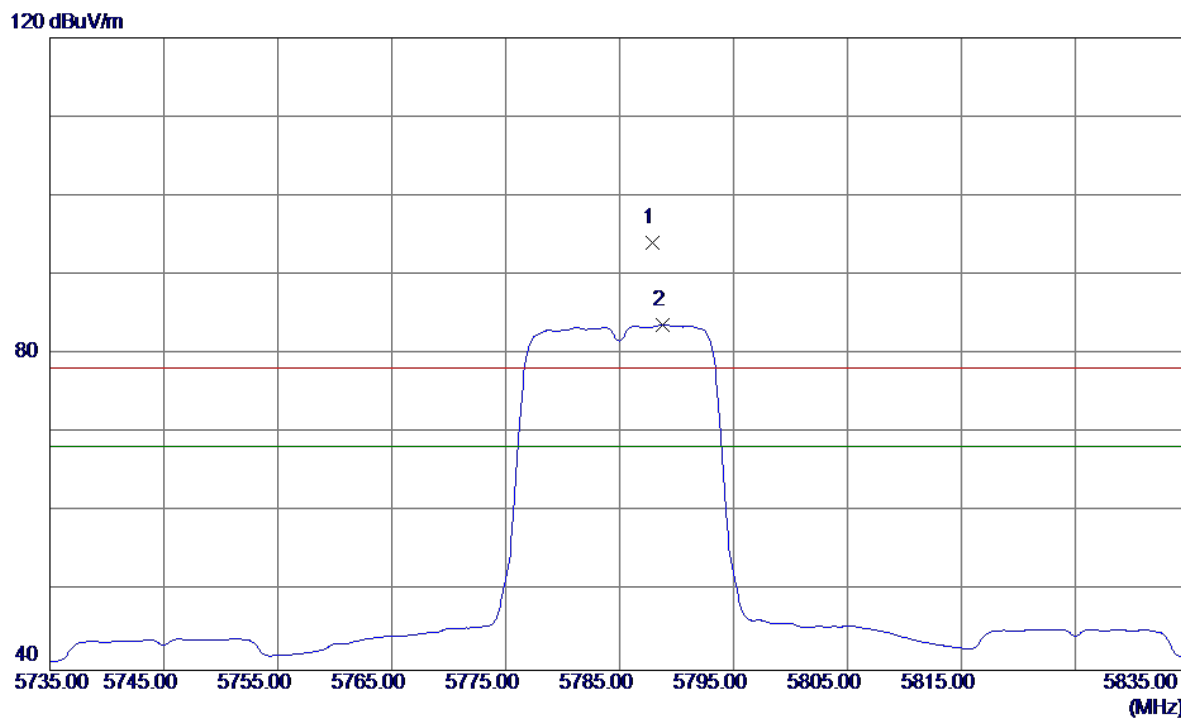
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.5300	22.12	15.55	37.67	54.00	-16.33	AVG	
2	11570.1500	32.89	15.55	48.44	68.30	-19.86	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 2

### Horizontal

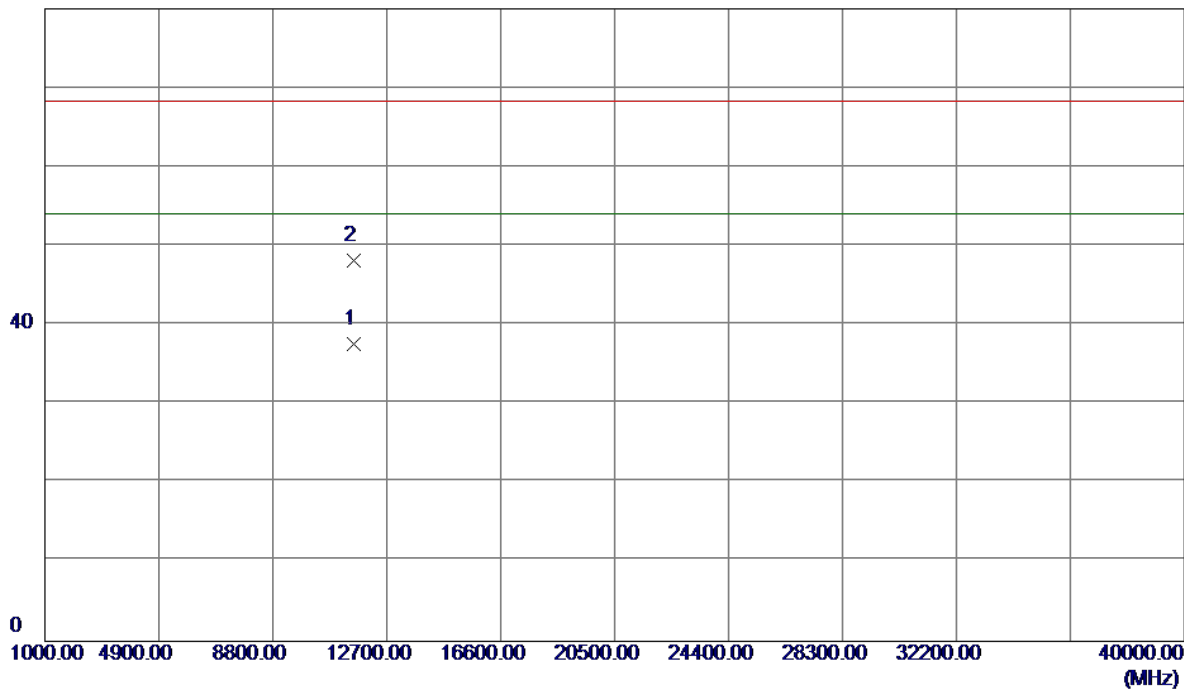


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5787.9000	52.67	41.35	94.02	78.30	15.72	Peak	No Limit	
2	5788.8000	42.38	41.35	83.73	68.30	15.43	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz_ANT 2

### Horizontal

80 dBuV/m

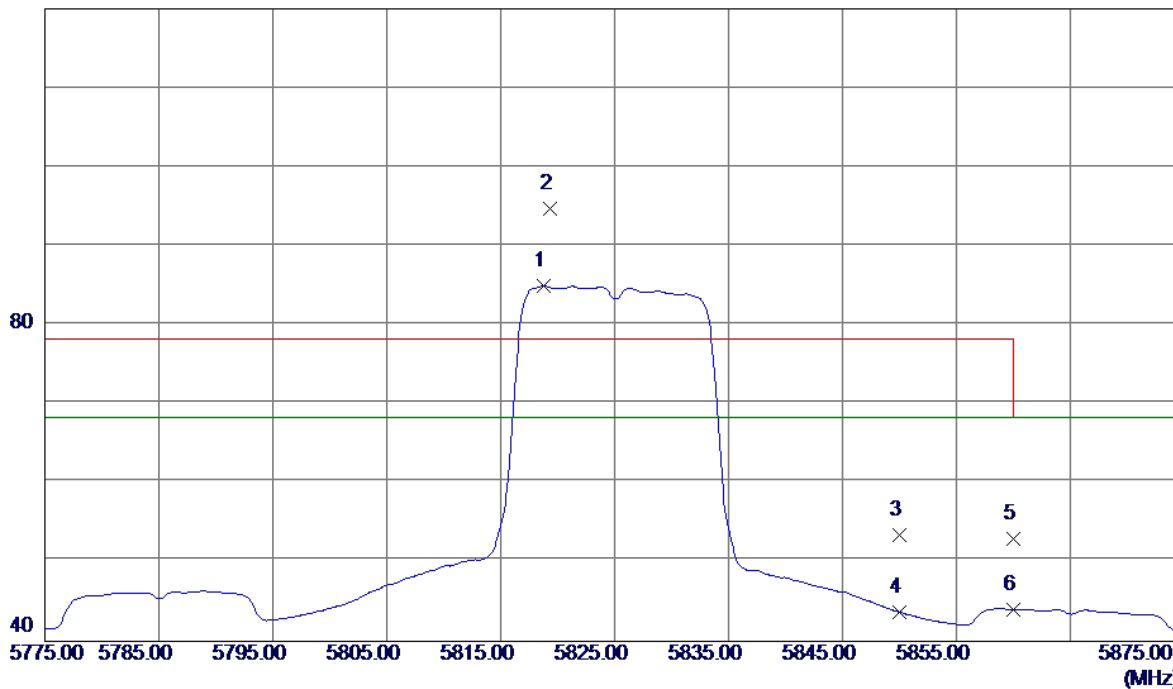


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.5800	22.09	15.55	37.64	54.00	-16.36	AVG	
2	11570.1300	32.65	15.55	48.20	68.30	-20.10	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 2

### Vertical

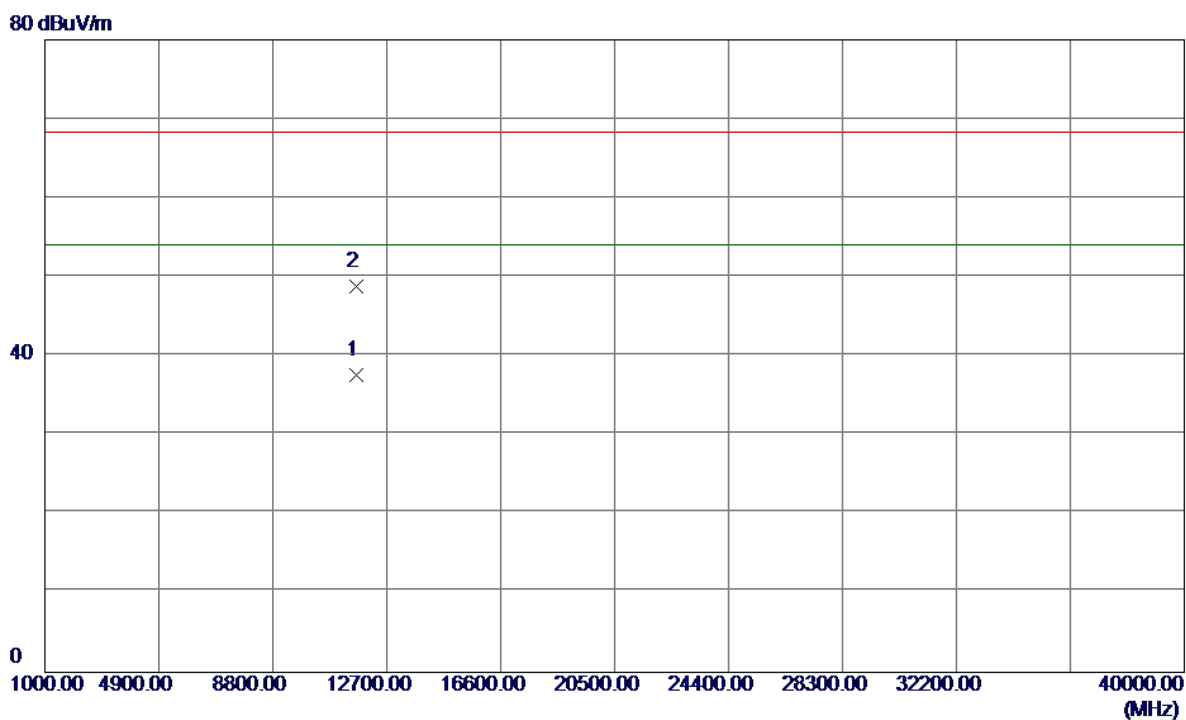
120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5818.8000	43.57	41.39	84.96	68.30	16.66	AVG	No Limit
2	5819.3000	53.30	41.39	94.69	78.30	16.39	Peak	No Limit
3	5850.0000	12.03	41.44	53.47	78.30	-24.83	Peak	
4	5850.0000	2.25	41.44	43.69	68.30	-24.61	AVG	
5	5860.0000	11.55	41.45	53.00	78.30	-25.30	Peak	
6	5860.0000	2.56	41.45	44.01	68.30	-24.29	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 2

### Vertical

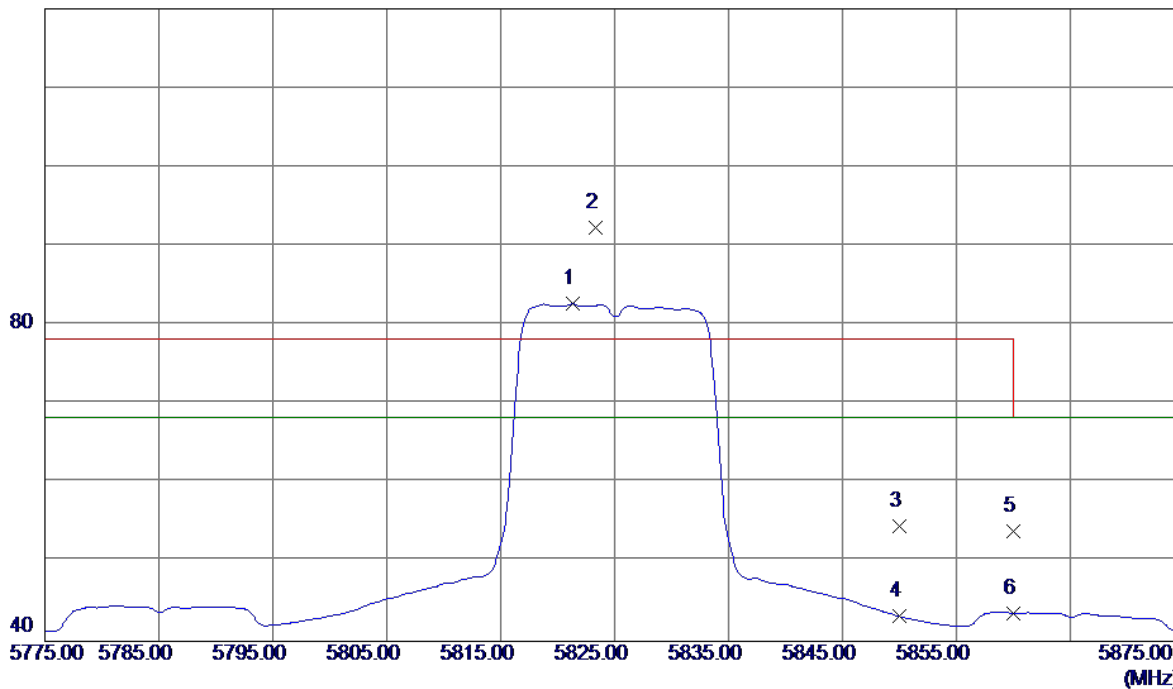


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.1500	22.09	15.58	37.67	54.00	-16.33	AVG	
2	11650.2699	33.20	15.58	48.78	68.30	-19.52	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 2

### Horizontal

120 dBuV/m

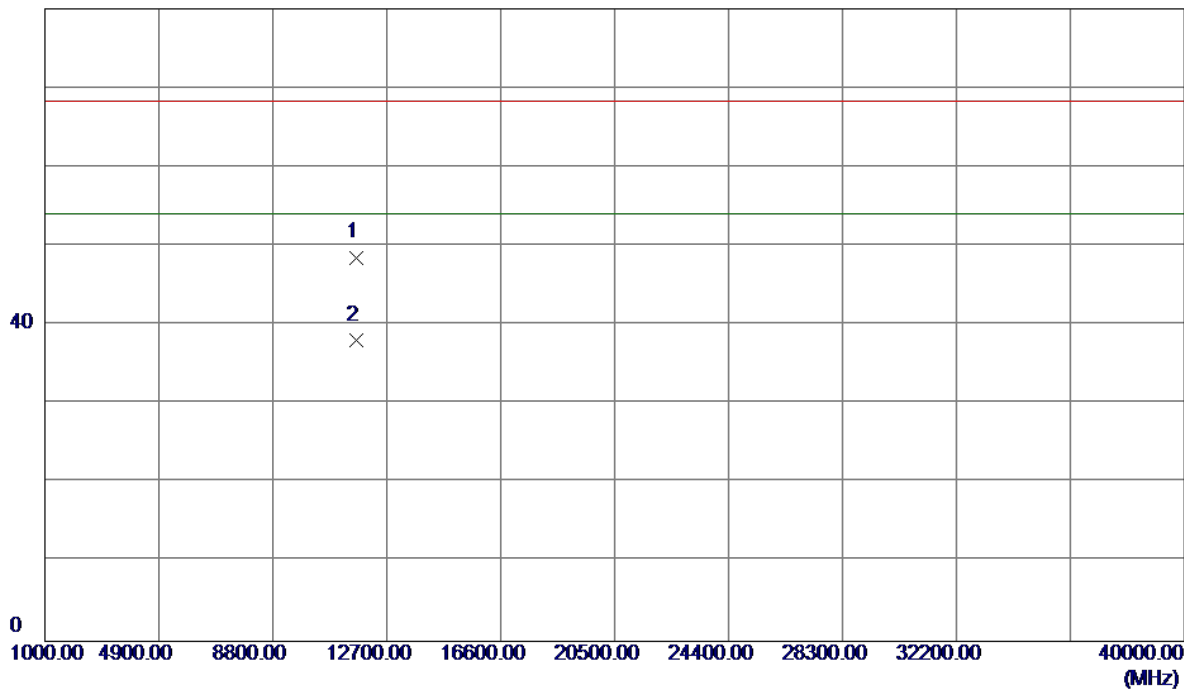


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5821.3000	41.25	41.40	82.65	68.30	14.35	AVG	No Limit
2	5823.3000	50.88	41.40	92.28	78.30	13.98	Peak	No Limit
3	5850.0000	13.09	41.44	54.53	78.30	-23.77	Peak	
4	5850.0000	1.71	41.44	43.15	68.30	-25.15	AVG	
5	5860.0000	12.51	41.45	53.96	78.30	-24.34	Peak	
6	5860.0000	2.13	41.45	43.58	68.30	-24.72	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz_ANT 2

### Horizontal

80 dBuV/m

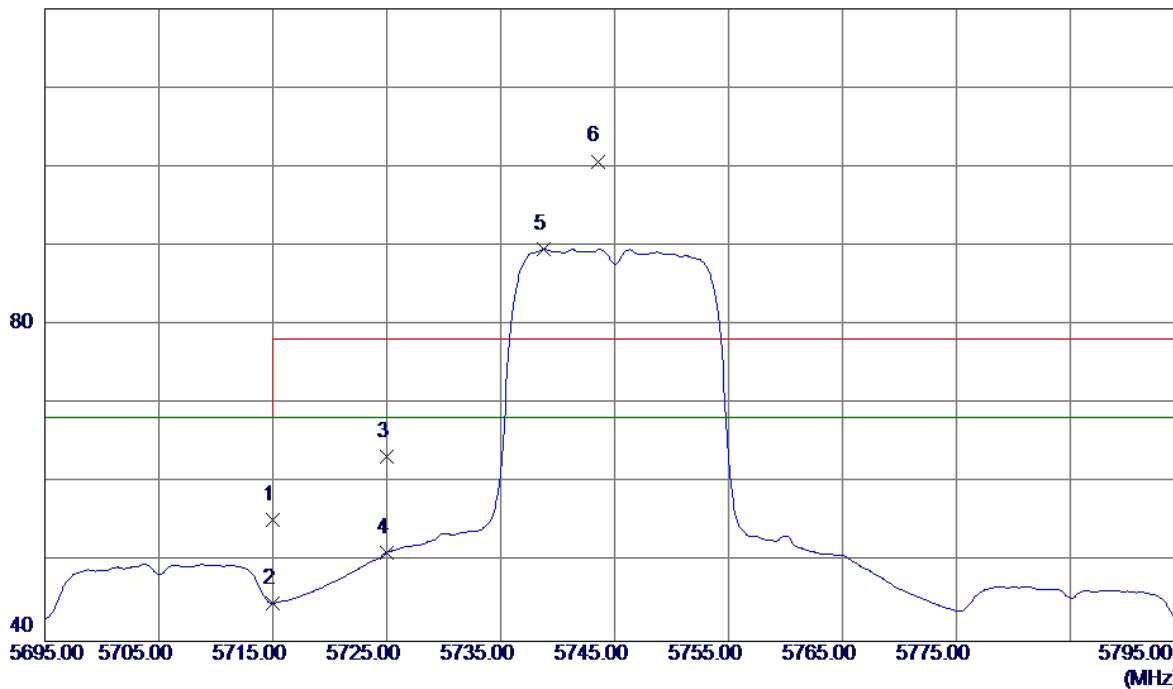


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.3300	32.98	15.58	48.56	68.30	-19.74	Peak	
2	11650.7900	22.48	15.58	38.06	54.00	-15.94	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 2

### Vertical

120 dBuV/m

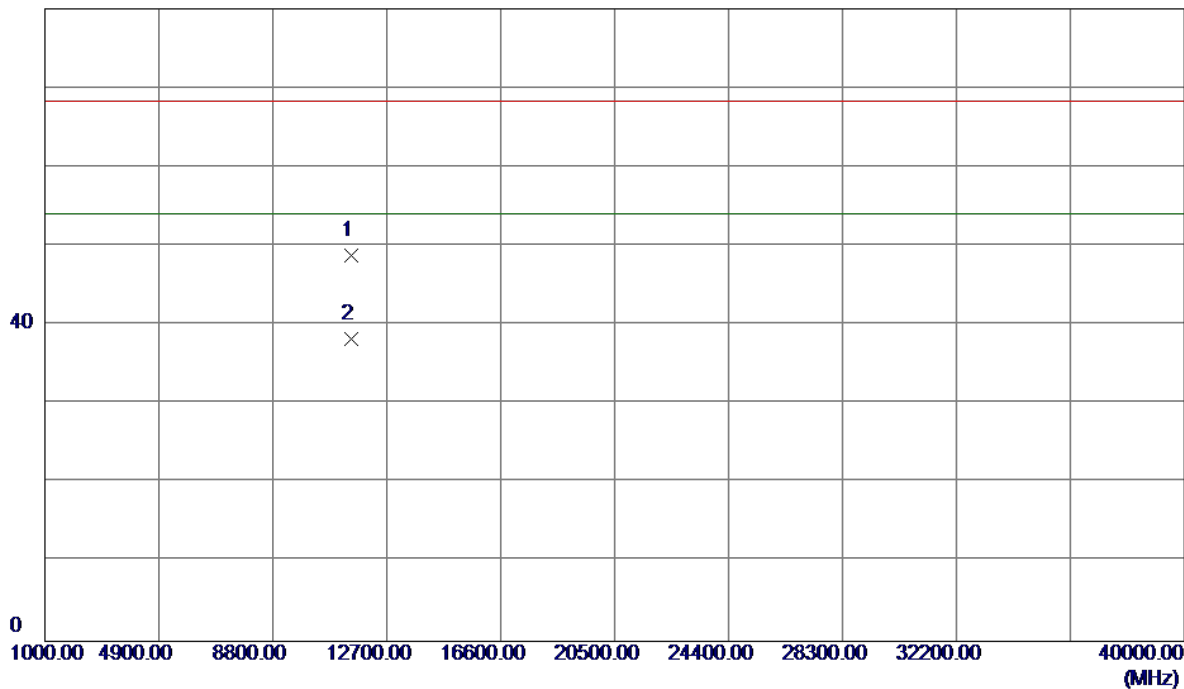


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	14.18	41.25	55.43	68.30	-12.87	Peak	
2	5715.0000	3.60	41.25	44.85	68.30	-23.45	AVG	
3	5725.0000	22.02	41.27	63.29	78.30	-15.01	Peak	
4	5725.0000	10.00	41.27	51.27	68.30	-17.03	AVG	
5	5738.8000	48.29	41.28	89.57	68.30	21.27	AVG	No Limit
6	5743.5000	59.43	41.29	100.72	78.30	22.42	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 2

**Vertical**

80 dBuV/m

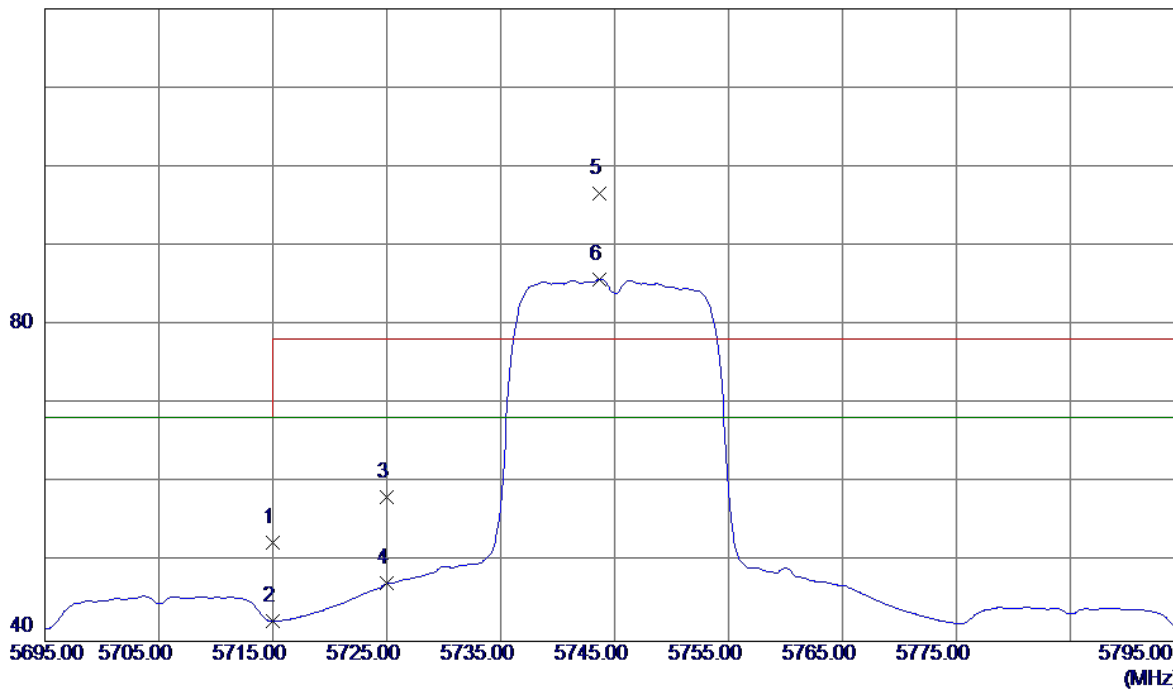


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.2600	33.24	15.52	48.76	68.30	-19.54	Peak	
2	11490.7400	22.75	15.52	38.27	54.00	-15.73	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 2

### Horizontal

120 dBuV/m

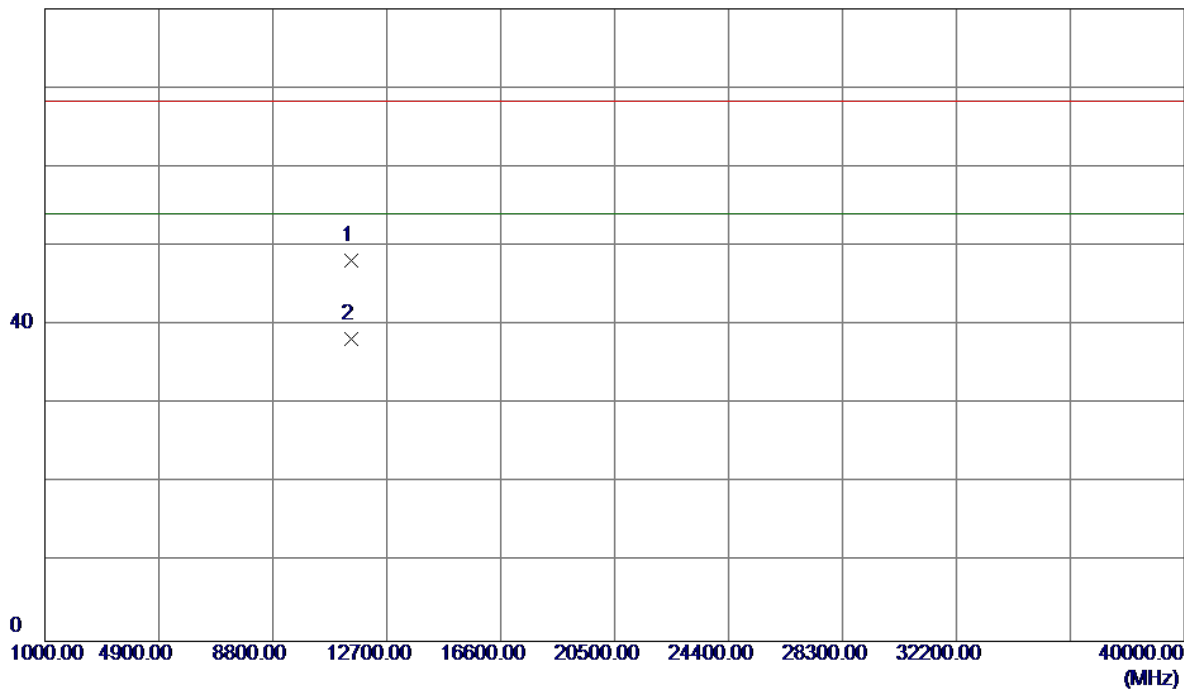


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.22	41.25	52.47	68.30	-15.83	Peak	
2	5715.0000	1.24	41.25	42.49	68.30	-25.81	AVG	
3	5725.0000	17.01	41.27	58.28	78.30	-20.02	Peak	
4	5725.0000	6.03	41.27	47.30	68.30	-21.00	AVG	
5	5743.7000	55.39	41.29	96.68	78.30	18.38	Peak	No Limit
6	5743.7000	44.49	41.29	85.78	68.30	17.48	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz_ANT 2

### Horizontal

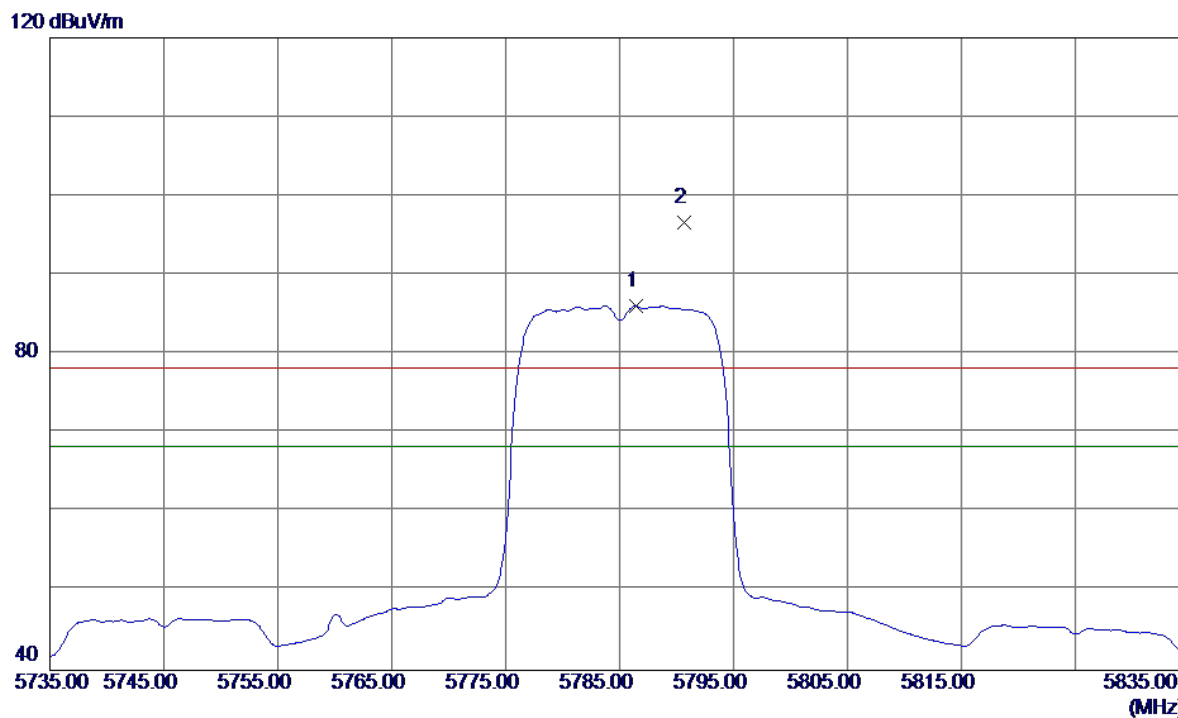
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.2699	32.69	15.52	48.21	68.30	-20.09	Peak	
2	11490.7400	22.74	15.52	38.26	54.00	-15.74	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 2

### Vertical

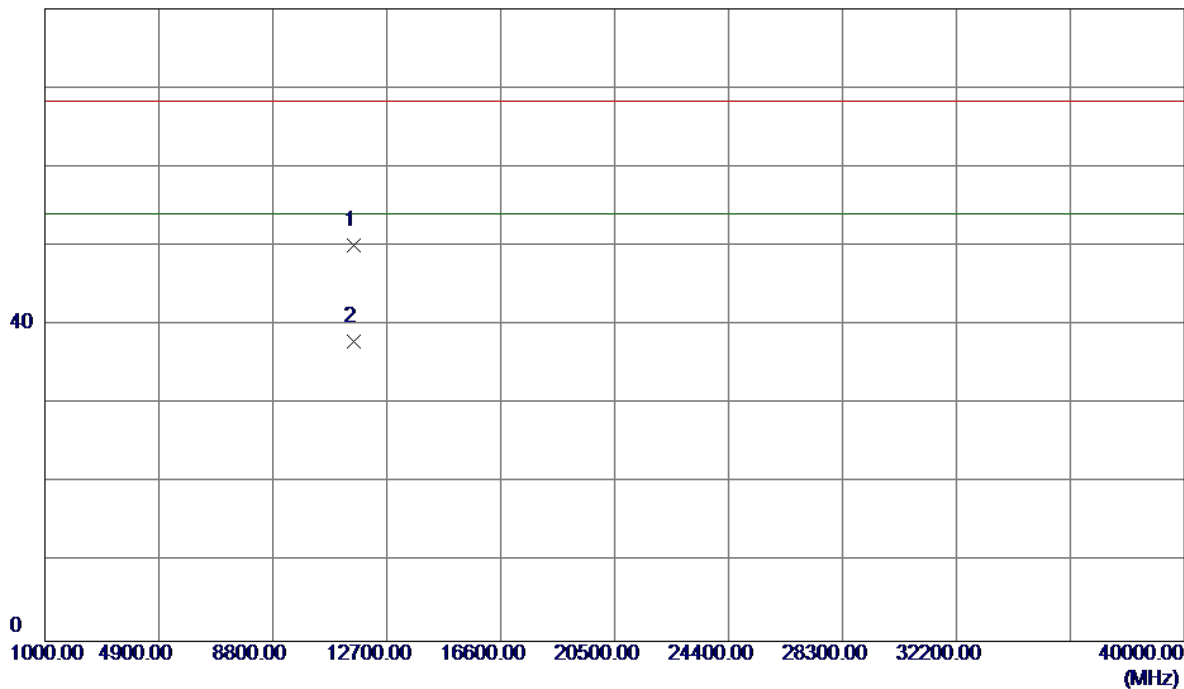


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment	
1	5786.4000	44.72	41.35	86.07	68.30	17.77	AVG	No Limit	
2	5790.7000	55.33	41.36	96.69	78.30	18.39	Peak	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 2

### Vertical

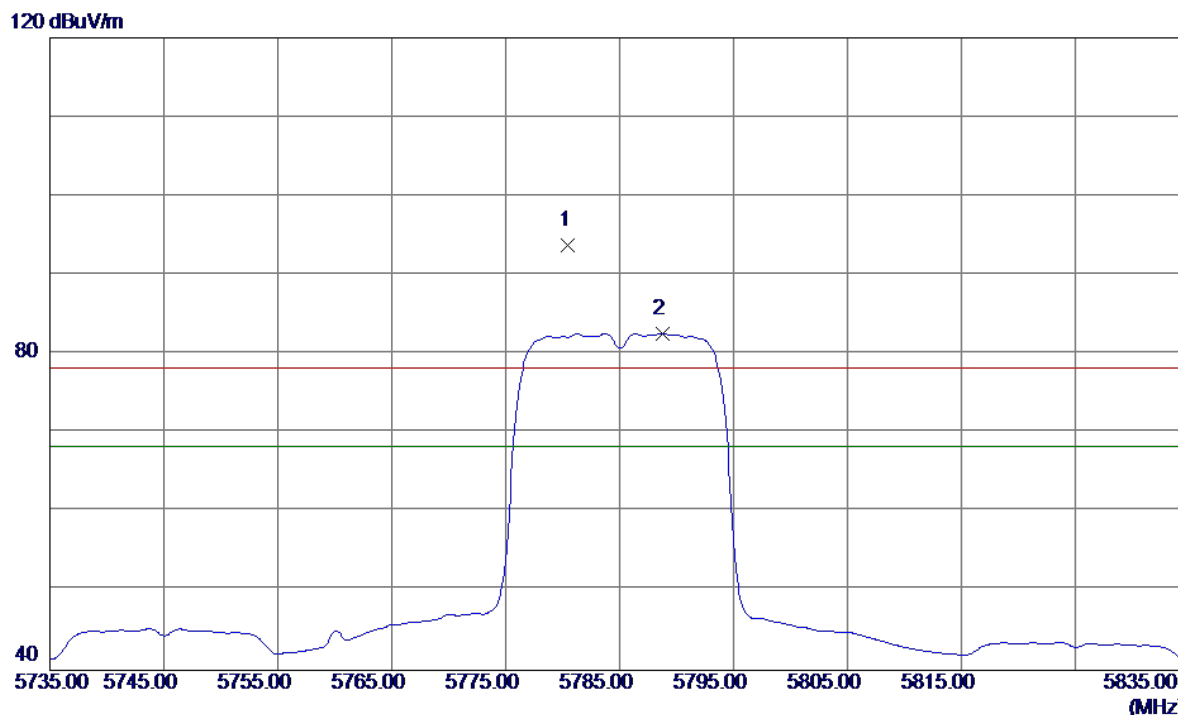
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.6300	34.52	15.55	50.07	68.30	-18.23	Peak	
2	11570.2400	22.34	15.55	37.89	54.00	-16.11	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 2

### Horizontal

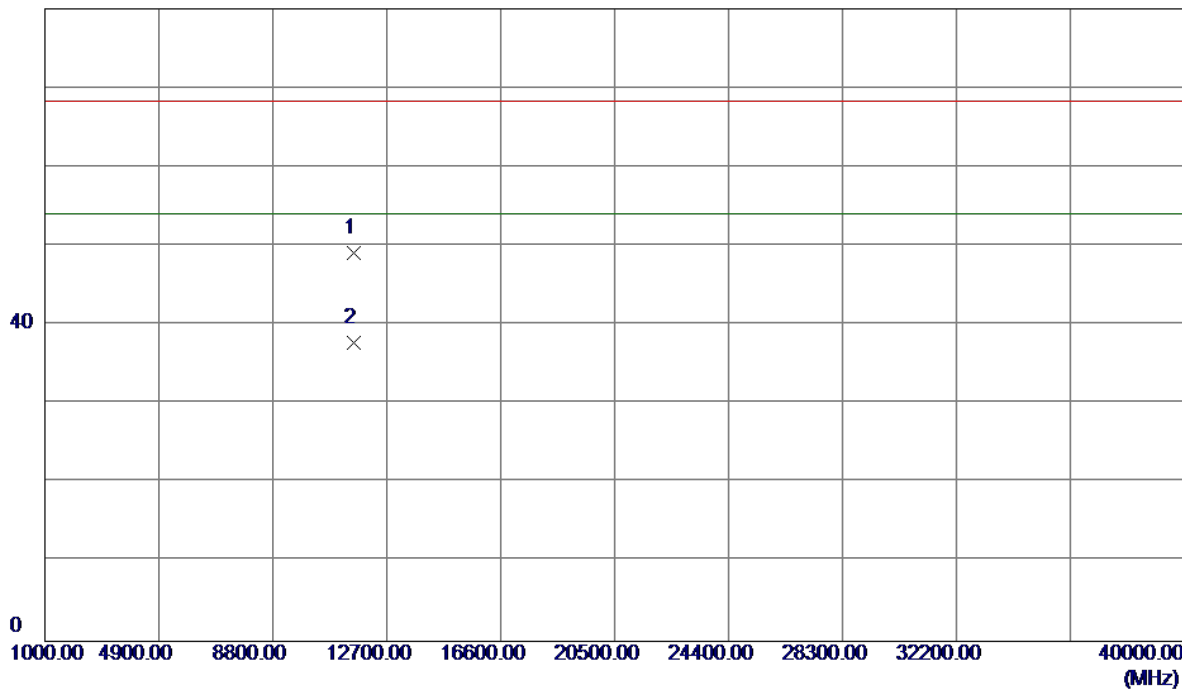


No.	Freq.	Reading	Correct	Measure	Limit	Over			
	MHz	dBuV/m	Factor	ment	dBuV/m	dBuV/m	dB	Detector	Comment
1	5780.5000	52.44	41.34	93.78	78.30	15.48	Peak	No Limit	
2	5788.8000	41.25	41.35	82.60	68.30	14.30	AVG	No Limit	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz_ANT 2

### Horizontal

80 dBuV/m

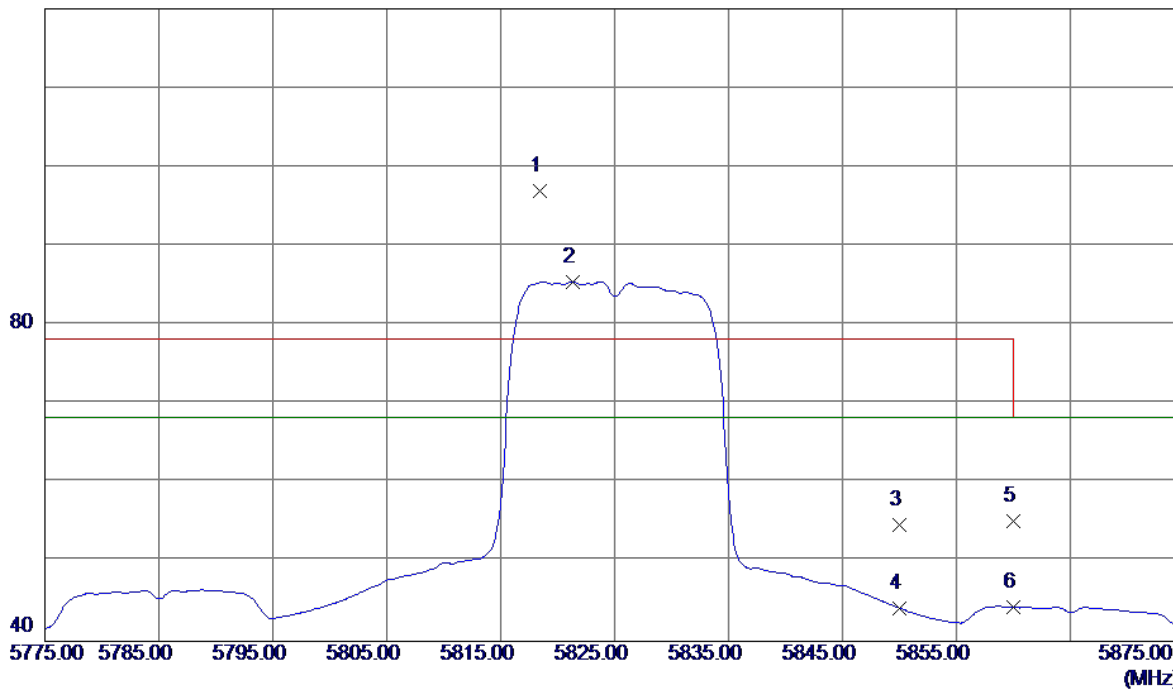


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.2500	33.52	15.55	49.07	68.30	-19.23	Peak	
2	11570.3500	22.27	15.55	37.82	54.00	-16.18	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 2

### Vertical

120 dBuV/m

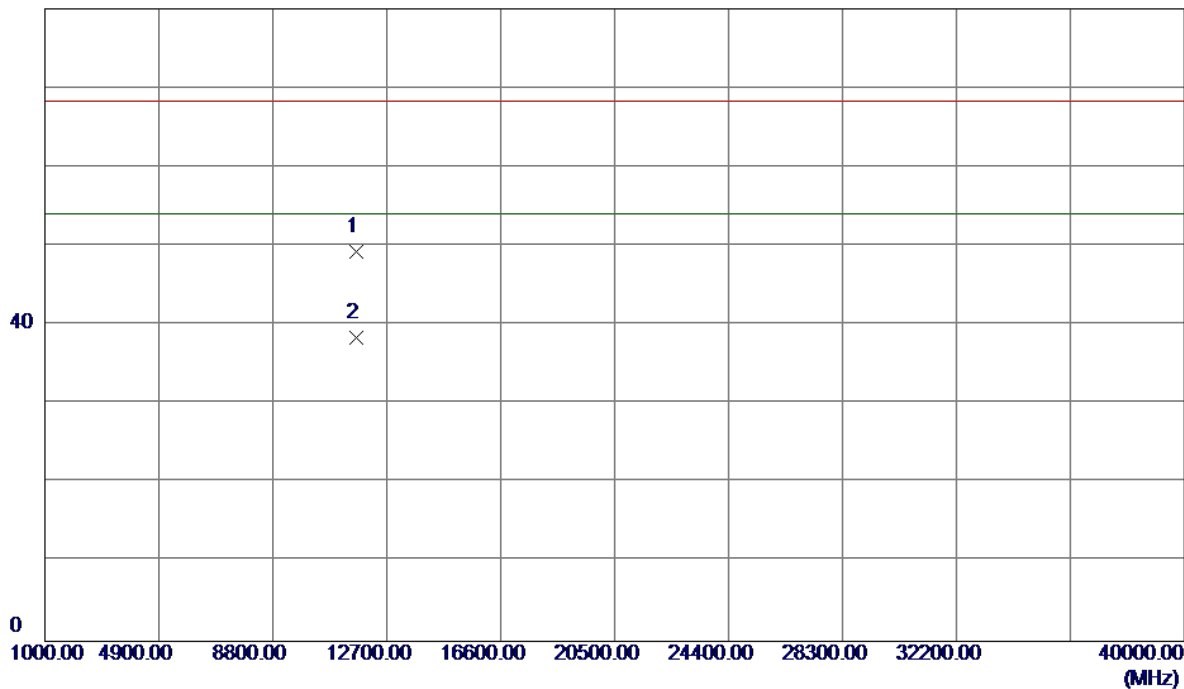


No.	Freq.	Reading	Correct	Measure	Limit		Detector	Comment
	MHz	dBuV/m	Factor	ment	dBuV/m	Over		
1	5818.4000	55.57	41.39	96.96	78.30	18.66	Peak	No Limit
2	5821.3000	44.10	41.40	85.50	68.30	17.20	AVG	No Limit
3	5850.0000	13.30	41.44	54.74	78.30	-23.56	Peak	
4	5850.0000	2.75	41.44	44.19	68.30	-24.11	AVG	
5	5860.0000	13.68	41.45	55.13	78.30	-23.17	Peak	
6	5860.0000	2.83	41.45	44.28	68.30	-24.02	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 2

**Vertical**

80 dBuV/m

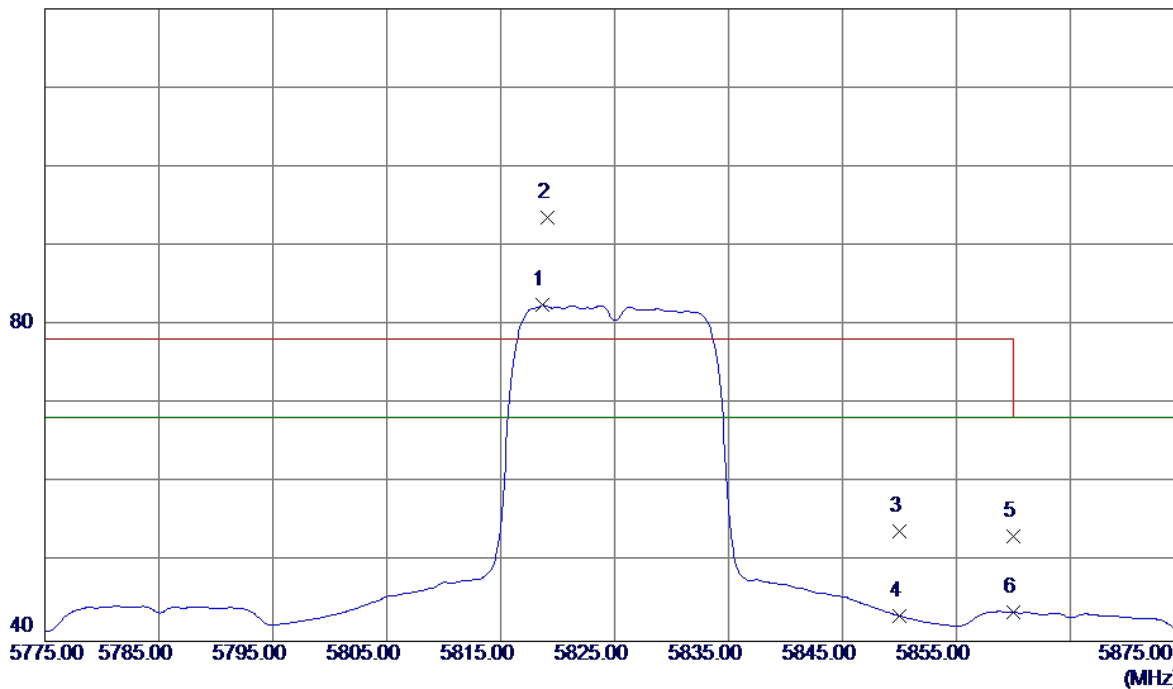


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11649.8600	33.67	15.58	49.25	68.30	-19.05	Peak	
2	11650.2300	22.76	15.58	38.34	54.00	-15.66	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 2

### Horizontal

120 dBuV/m

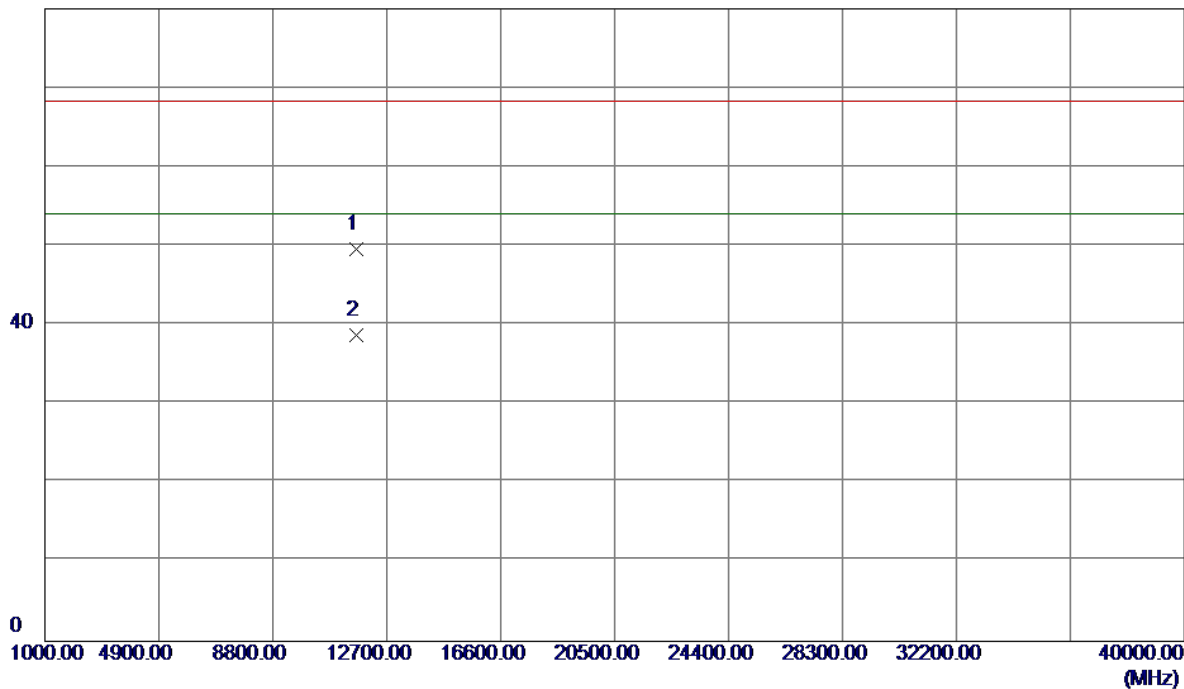


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5818.7000	41.10	41.39	82.49	68.30	14.19	AVG	No Limit
2	5819.1000	52.22	41.39	93.61	78.30	15.31	Peak	No Limit
3	5850.0000	12.52	41.44	53.96	78.30	-24.34	Peak	
4	5850.0000	1.77	41.44	43.21	68.30	-25.09	AVG	
5	5860.0000	11.77	41.45	53.22	78.30	-25.08	Peak	
6	5860.0000	2.17	41.45	43.62	68.30	-24.68	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz_ANT 2

### Horizontal

80 dBuV/m

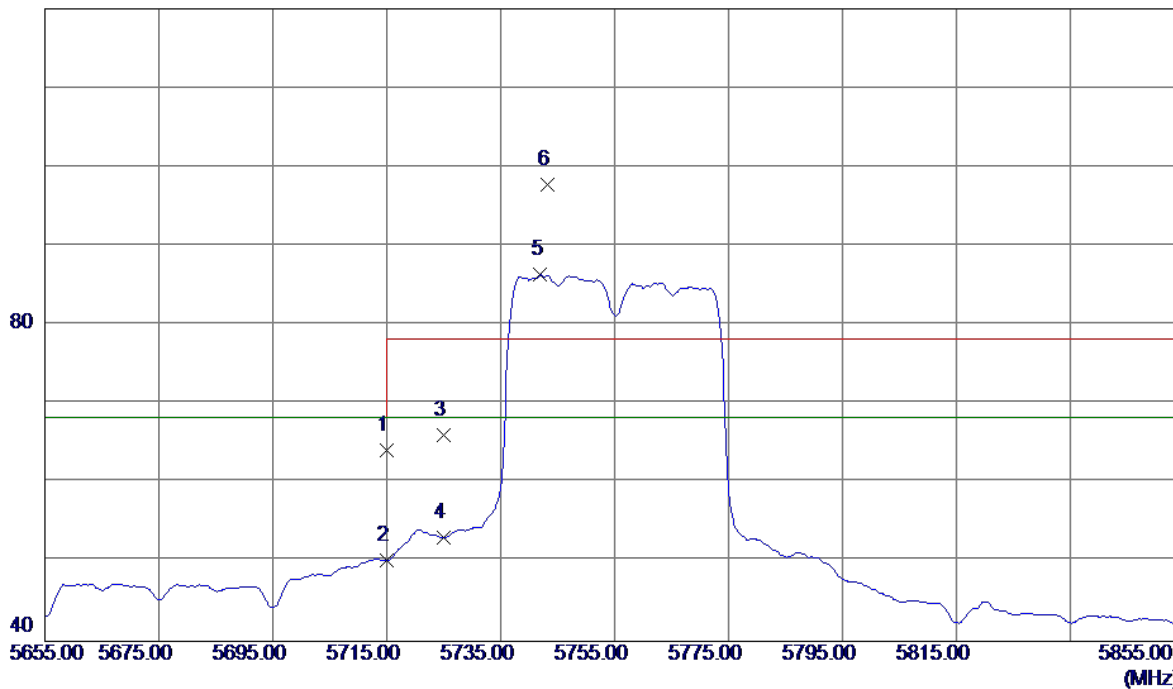


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.2200	33.96	15.58	49.54	68.30	-18.76	Peak	
2	11650.2800	23.08	15.58	38.66	54.00	-15.34	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 2

### Vertical

120 dBuV/m

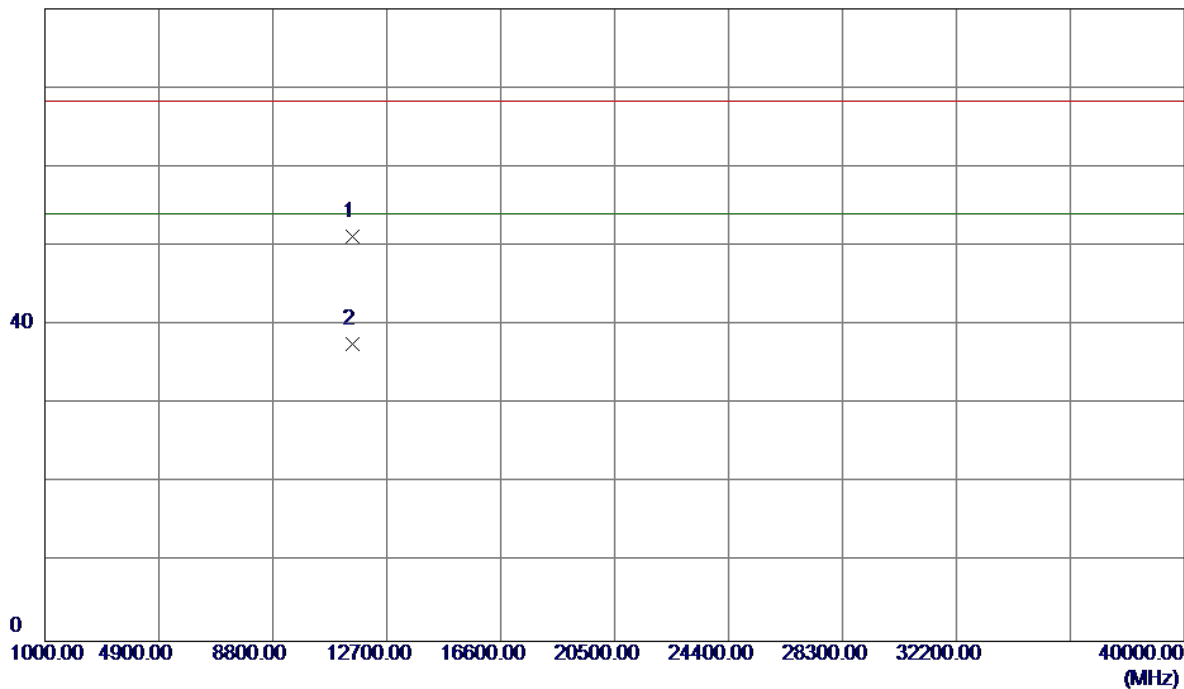


No.	Freq.	Reading	Correct	Measure	Limit	Over	Detector	Comment
	MHz	dBuV/m	Factor	dBuV/m	dBuV/m	dB		
1	5715.0000	22.85	41.25	64.10	68.30	-4.20	Peak	
2	5715.0000	8.94	41.25	50.19	68.30	-18.11	AVG	
3	5725.0000	24.87	41.27	66.14	78.30	-12.16	Peak	
4	5725.0000	11.87	41.27	53.14	68.30	-15.16	AVG	
5	5742.0000	45.04	41.29	86.33	68.30	18.03	AVG	No Limit
6	5743.2000	56.41	41.29	97.70	78.30	19.40	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 2

### Vertical

80 dBuV/m

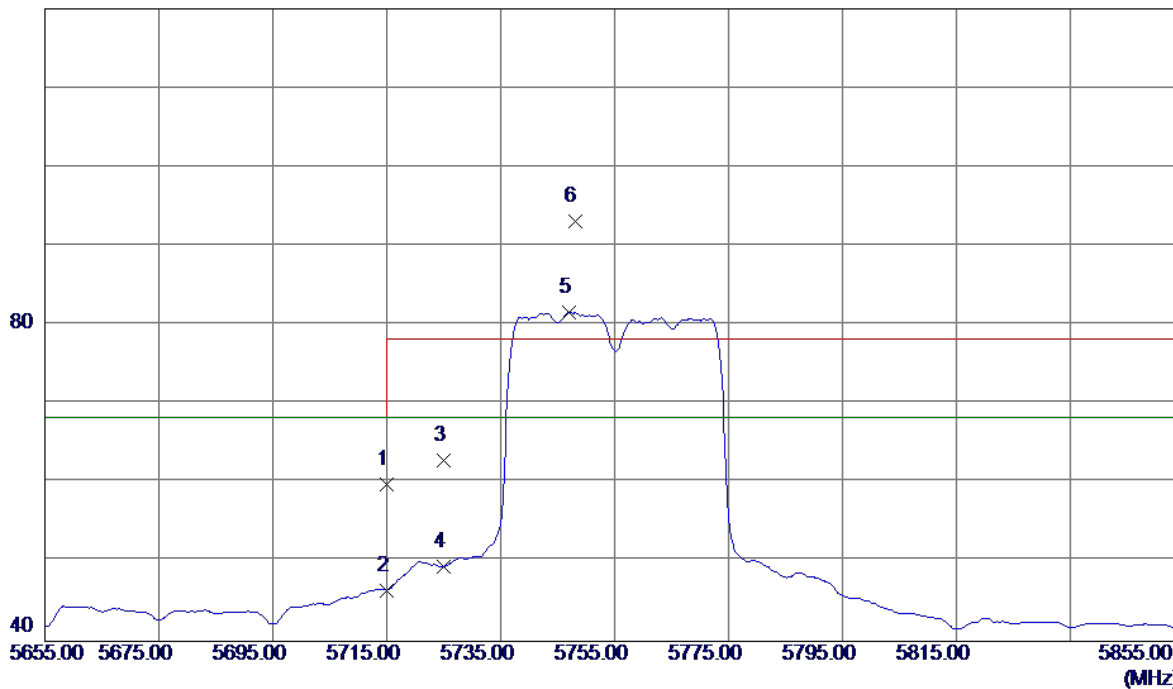


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.2500	35.63	15.52	51.15	68.30	-17.15	Peak	
2	11510.3099	22.14	15.52	37.66	54.00	-16.34	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 2

### Horizontal

120 dBuV/m

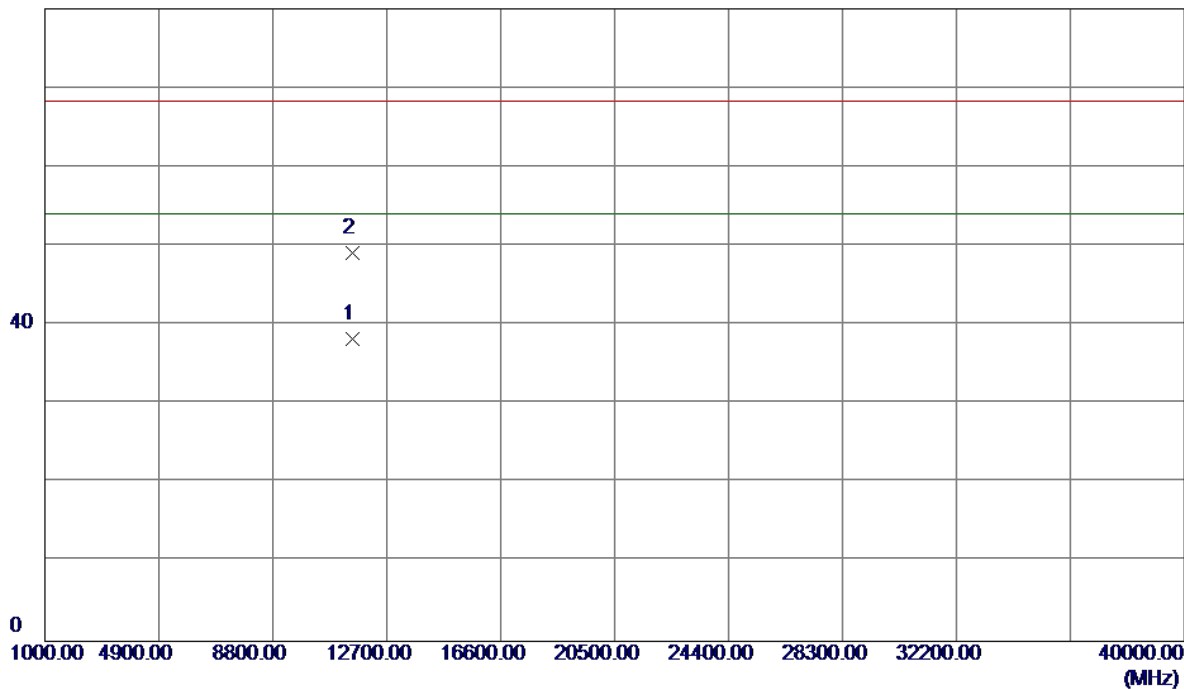


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	18.66	41.25	59.91	68.30	-8.39	Peak	
2	5715.0000	5.21	41.25	46.46	68.30	-21.84	AVG	
3	5725.0000	21.59	41.27	62.86	78.30	-15.44	Peak	
4	5725.0000	8.22	41.27	49.49	68.30	-18.81	AVG	
5	5747.0000	40.30	41.30	81.60	68.30	13.30	AVG	No Limit
6	5748.0000	51.76	41.30	93.06	78.30	14.76	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz_ANT 2

### Horizontal

80 dBuV/m

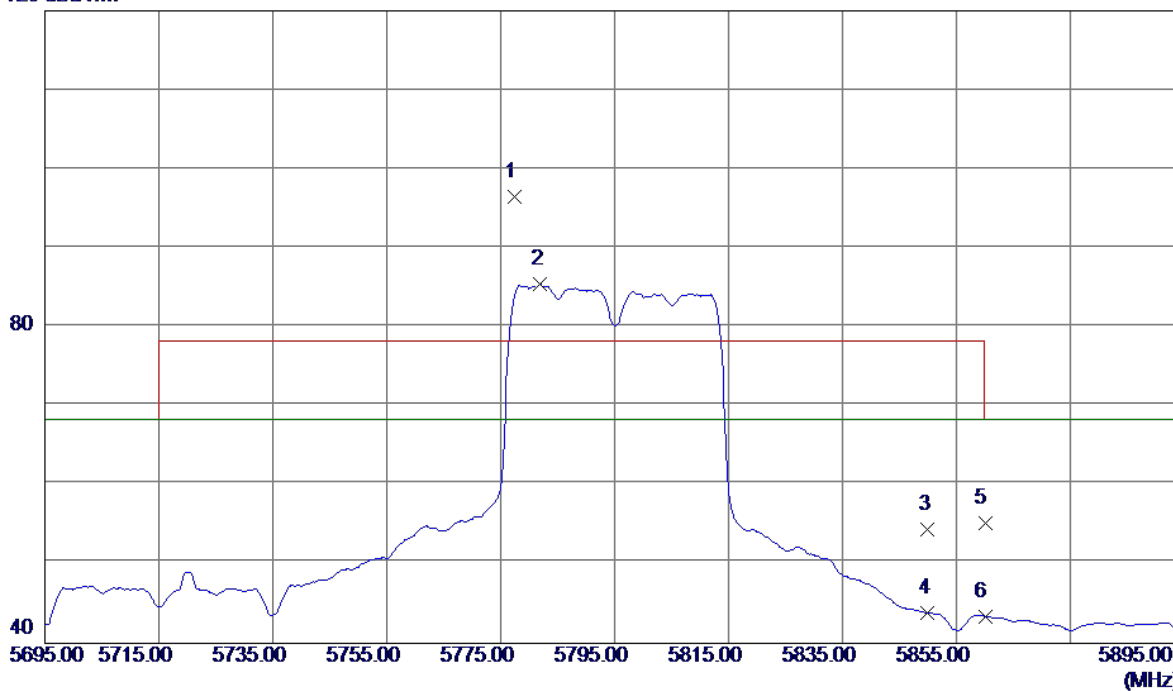


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.3300	22.73	15.52	38.25	54.00	-15.75	AVG	
2	11510.5700	33.58	15.52	49.10	68.30	-19.20	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 2

### Vertical

120 dBuV/m

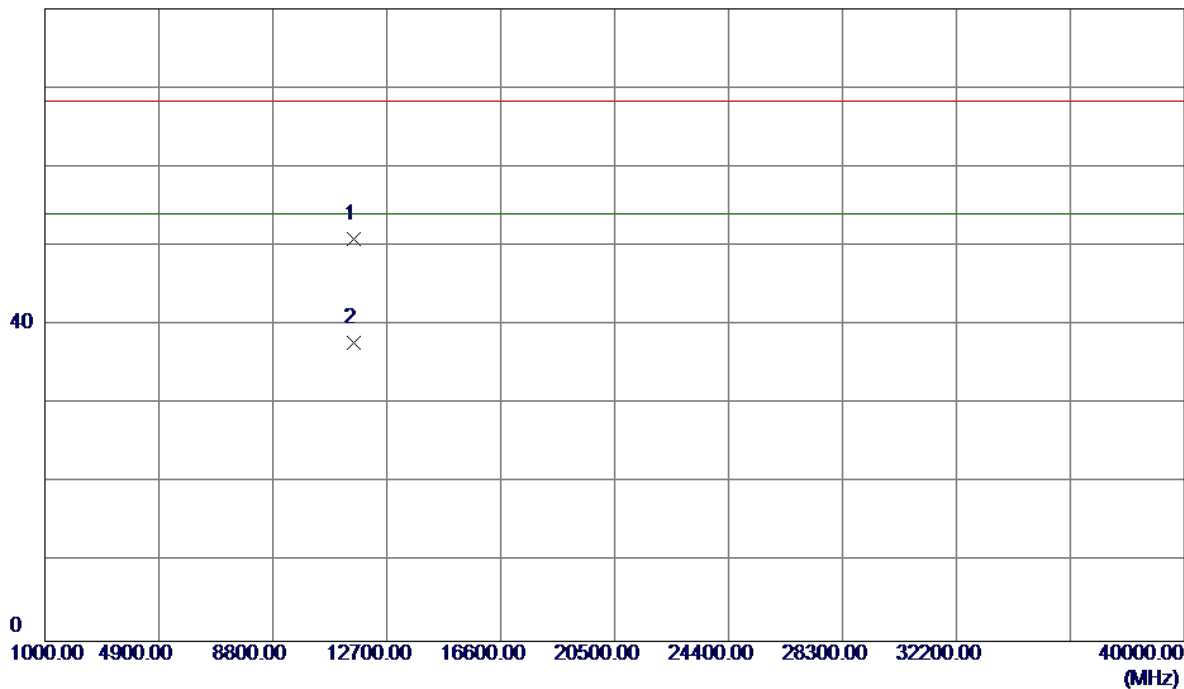


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5777.4000	55.09	41.34	96.43	78.30	18.13	Peak	No Limit
2	5782.0000	44.04	41.34	85.38	68.30	17.08	AVG	No Limit
3	5850.0000	12.90	41.44	54.34	78.30	-23.96	Peak	
4	5850.0000	2.34	41.44	43.78	68.30	-24.52	AVG	
5	5860.0000	13.76	41.45	55.21	78.30	-23.09	Peak	
6	5860.0000	1.96	41.45	43.41	68.30	-24.89	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 2

**Vertical**

80 dBuV/m

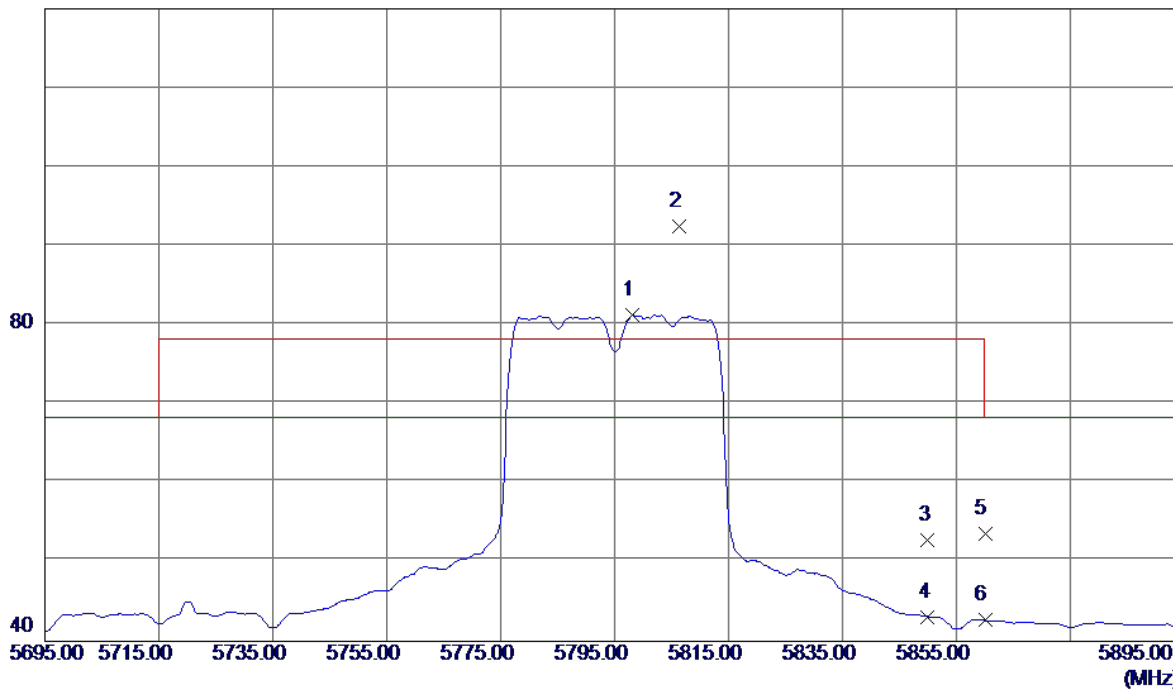


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.2500	35.36	15.55	50.91	68.30	-17.39	Peak	
2	11590.3600	22.28	15.55	37.83	54.00	-16.17	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 2

### Horizontal

120 dBuV/m

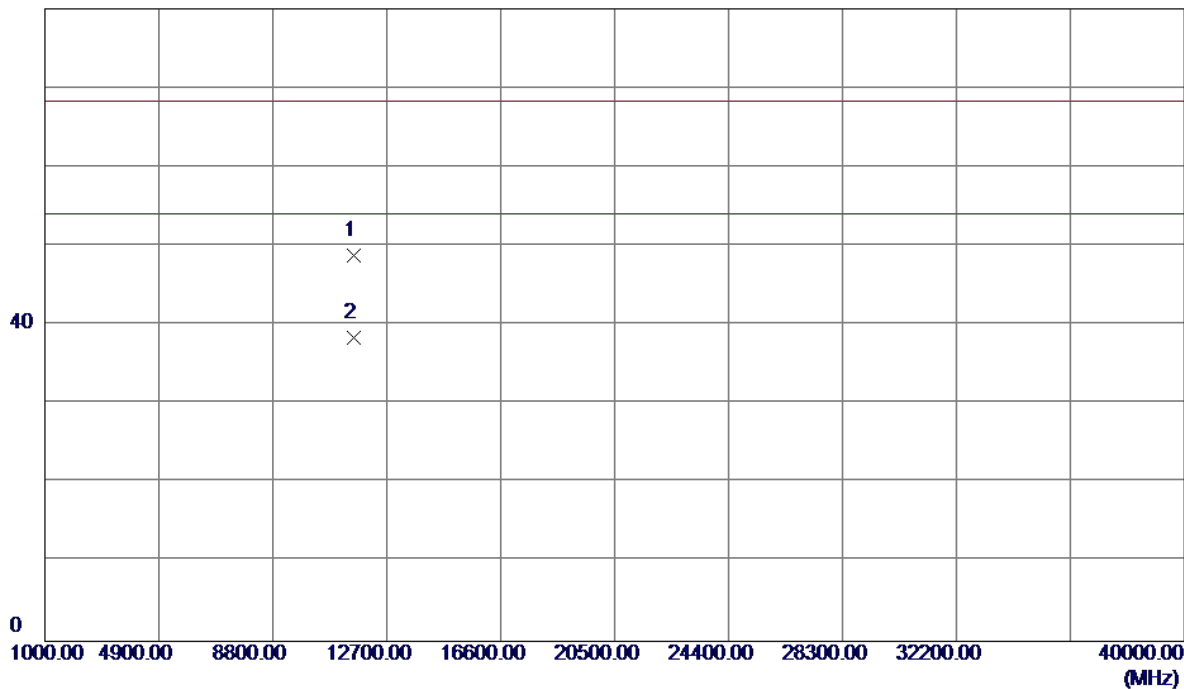


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5798.2000	39.92	41.37	81.29	68.30	12.99	AVG	No Limit
2	5806.4000	51.06	41.38	92.44	78.30	14.14	Peak	No Limit
3	5850.0000	11.42	41.44	52.86	78.30	-25.44	Peak	
4	5850.0000	1.67	41.44	43.11	68.30	-25.19	AVG	
5	5860.0000	12.22	41.45	53.67	78.30	-24.63	Peak	
6	5860.0000	1.20	41.45	42.65	68.30	-25.65	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz_ANT 2

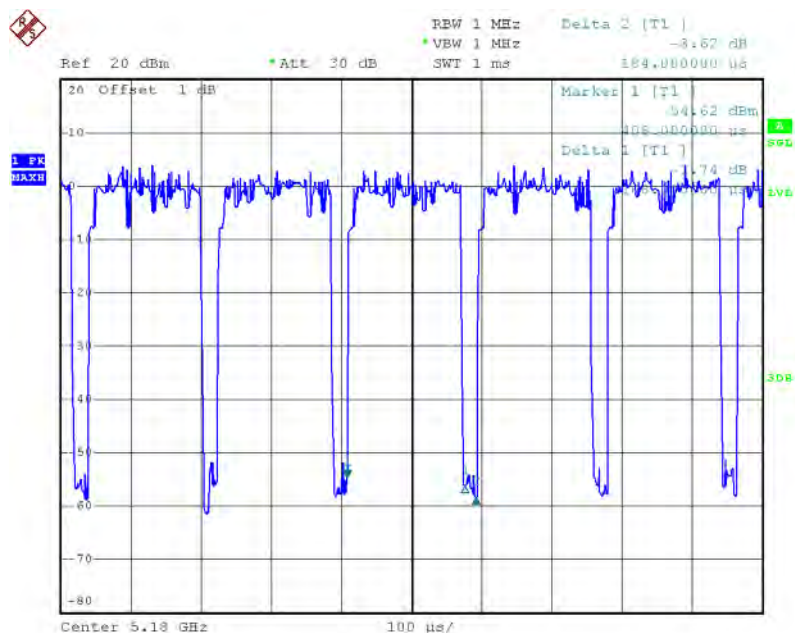
### Horizontal

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.0300	33.28	15.55	48.83	68.30	-19.47	Peak	
2	11590.5400	22.88	15.55	38.43	54.00	-15.57	AVG	

### TX A Mode\_DUTY CYCLE\_ANT 1



Date: 21.OCT.2015 16:54:18

Duty cycle: TX DUTYMHZ

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

$T_{\text{ON}}$ : 0.17 msec

$T_{\text{Total}}$ : 0.18 msec

Duty cycle: 94.44%

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

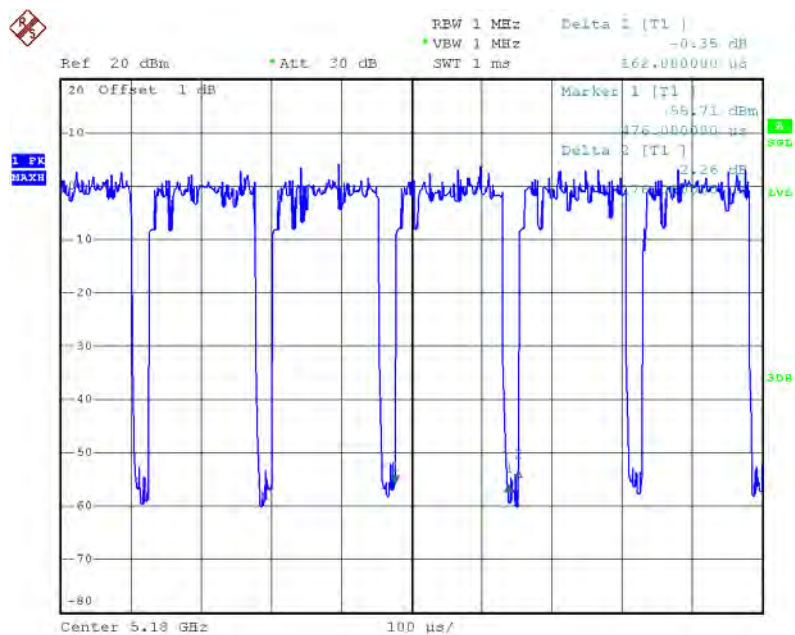
Duty Factor = 0.25

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

### TX N20 Mode\_DUTY CYCLE\_ANT 1



Date: 21.OCT.2015 16:55:33

Duty cycle: TX DUTYMHZ

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

$T_{\text{ON}}$ : 0.16 msec

$T_{\text{Total}}$ : 0.18 msec

Duty cycle: 88.89%

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

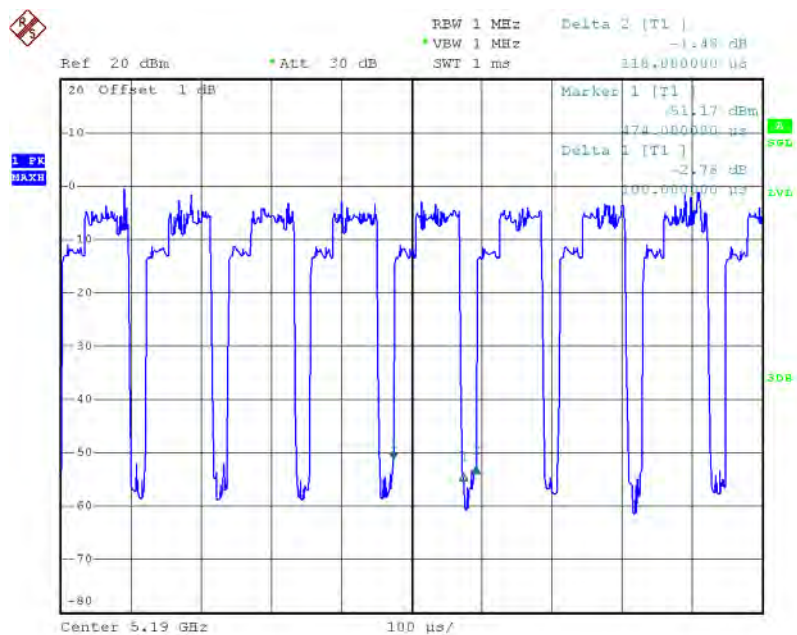
Duty Factor = 0.51

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be calculated as

Output Power = Measured power + Duty factor

Power Spectral Density = Measured density + Duty factor

### TX N40 Mode\_DUTY CYCLE\_ANT 1



Date: 21.OCT.2015 16:56:41

Duty cycle: TX DUTYMHZ

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

$T_{\text{ON}}$ : 0.10 msec

$T_{\text{Total}}$ : 0.12 msec

Duty cycle: 83.33%

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

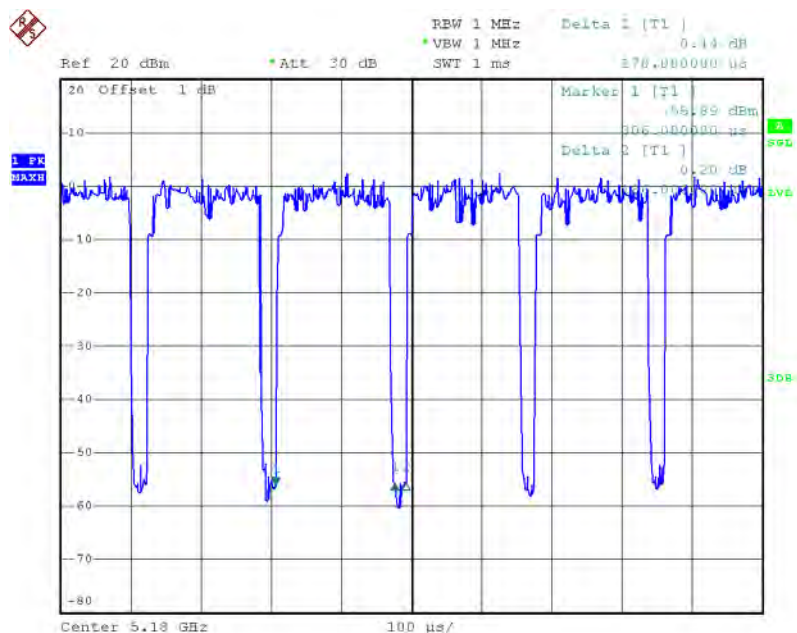
Duty Factor = 0.79

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be calculated as

Output Power = Measured power + Duty factor

Power Spectral Density = Measured density + Duty factor

### TX A Mode\_DUTY CYCLE\_ANT 2



Date: 21.OCT.2015 16:58:55

Duty cycle: TX DUTYMHZ

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

$T_{\text{ON}}$ : 0.17 msec

$T_{\text{Total}}$ : 0.19 msec

Duty cycle: 89.47%

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

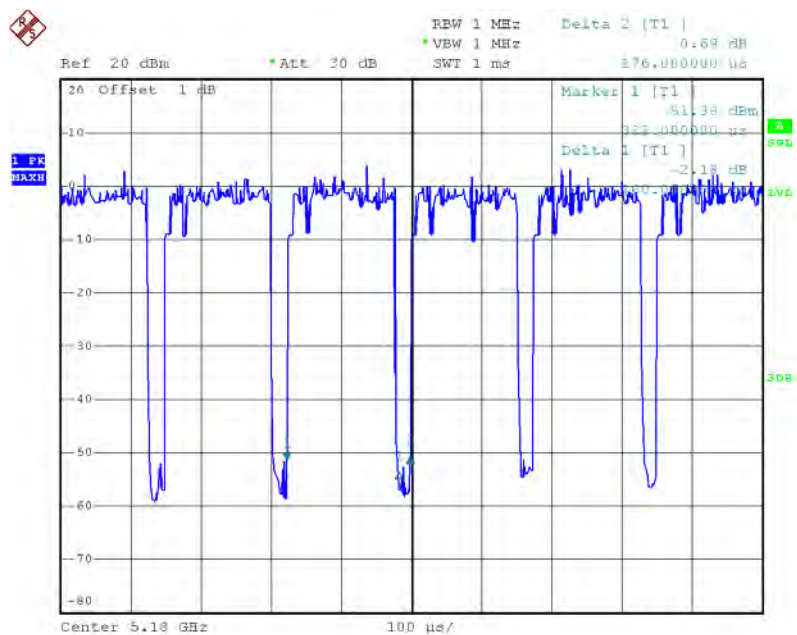
Duty Factor = 0.48

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be calculated as

Output Power = Measured power + Duty factor

Power Spectral Density = Measured density + Duty factor

### TX N20 Mode\_DUTY CYCLE\_ANT 2



Date: 21.OCT.2015 16:58:13

Duty cycle: TX DUTYMHZ

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

$T_{\text{ON}}$ : 0.16 msec

$T_{\text{Total}}$ : 0.18 msec

Duty cycle: 88.89%

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

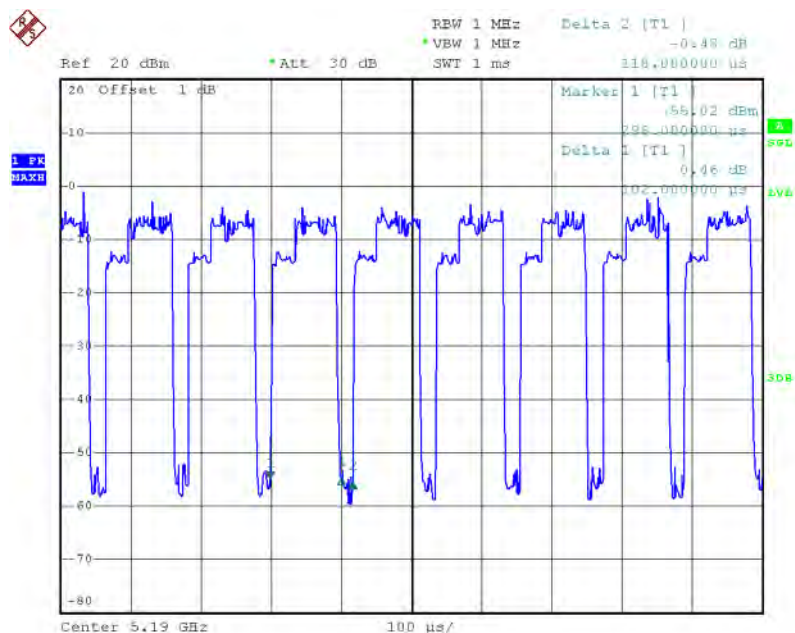
Duty Factor = 0.51

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

### TX N40 Mode\_DUTY CYCLE\_ANT 2



Date: 21.OCT.2015 17:00:11

Duty cycle: TX DUTYMHZ

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

$T_{\text{ON}}$ : 0.10 msec

$T_{\text{Total}}$ : 0.12 msec

Duty cycle: 83.33%

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

Duty Factor = 0.79

Note: The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be calculated as

Output Power = Measured power + Duty factor

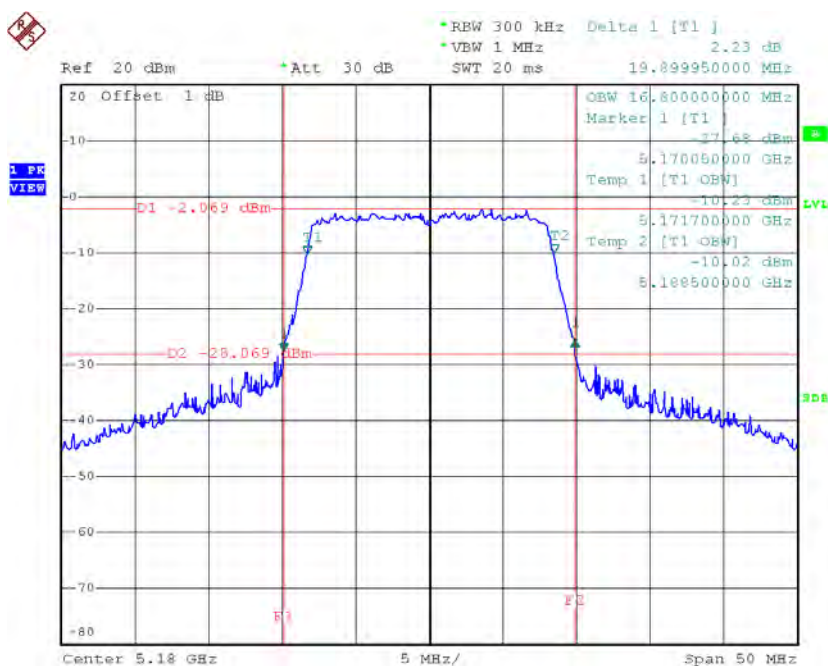
Power Spectral Density = Measured density + Duty factor

## ATTACHMENT E - BANDWIDTH

**Test Mode: UNII-1/TX A Mode\_CH36/CH40/CH48\_ANT 1**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	19.90	16.80
CH40	5200	20.45	16.90
CH48	5240	20.69	16.90

**TX CH36**



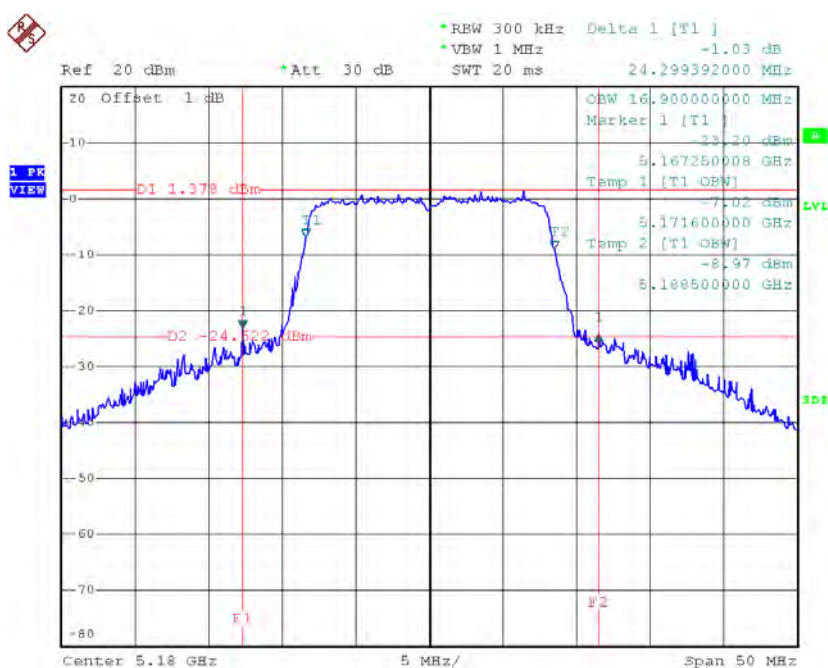
Date: 16.OCT.2015 18:03:20



**Test Mode: UNII-1/TX A Mode\_CH36/CH40/CH48\_ANT 2**

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.30	16.90
CH40	5200	24.30	17.00
CH48	5240	24.29	17.00

**TX CH36**



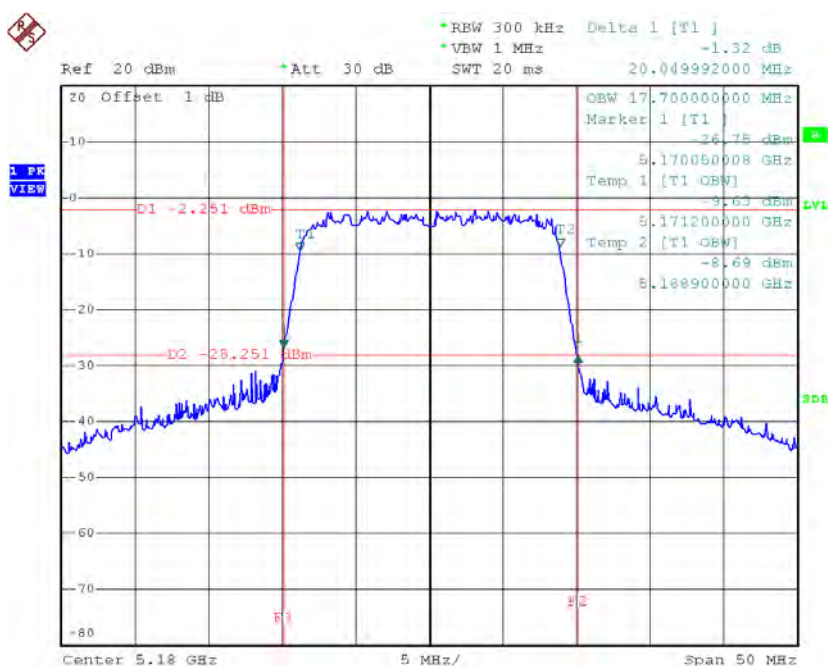
Date: 18.OCT.2015 16:36:58



**Test Mode: UNII-1/TX N20 Mode\_CH36/CH40/CH48\_ANT 1**

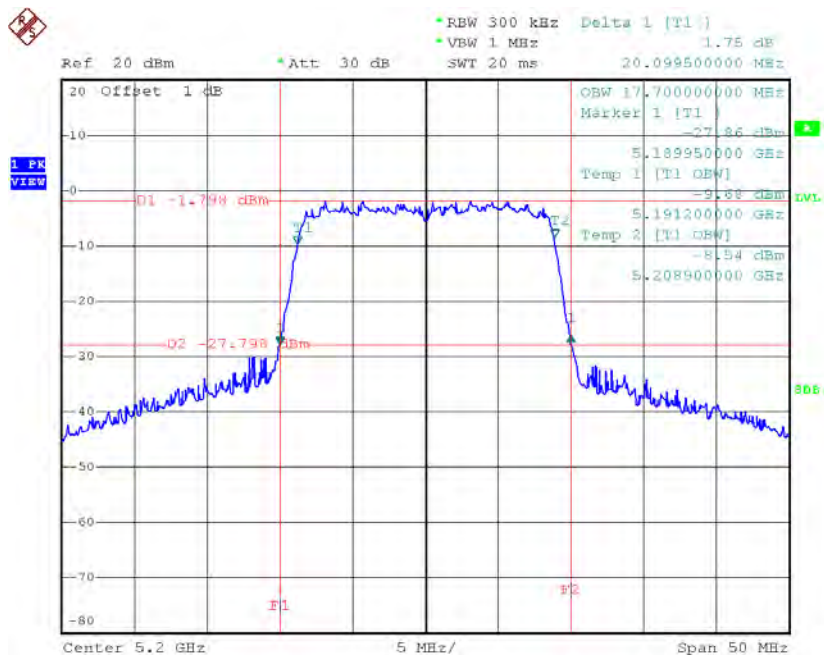
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.05	17.70
CH40	5200	20.10	17.70
CH48	5240	20.25	17.70

**TX CH36**



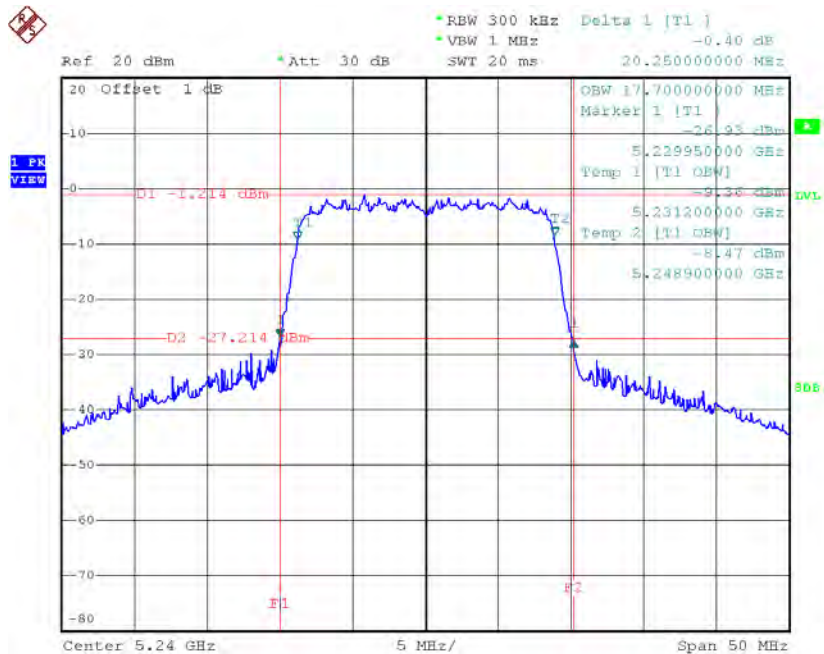
Date: 16.OCT.2015 18:13:25

### TX CH40



Date: 16.OCT.2015 18:14:54

### TX CH48

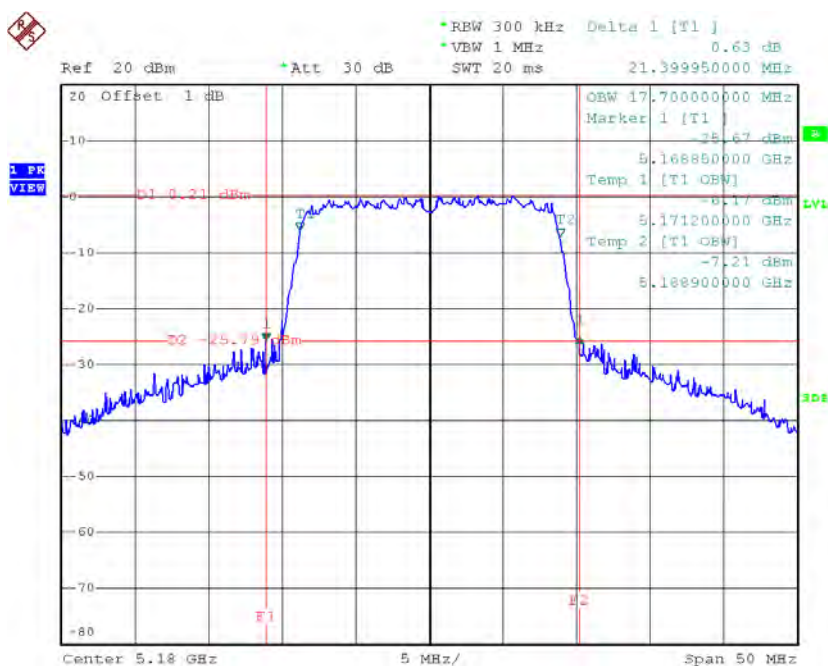


Date: 16.OCT.2015 18:16:05

**Test Mode: UNII-1/TX N20 Mode\_CH36/CH40/CH48\_ANT 2**

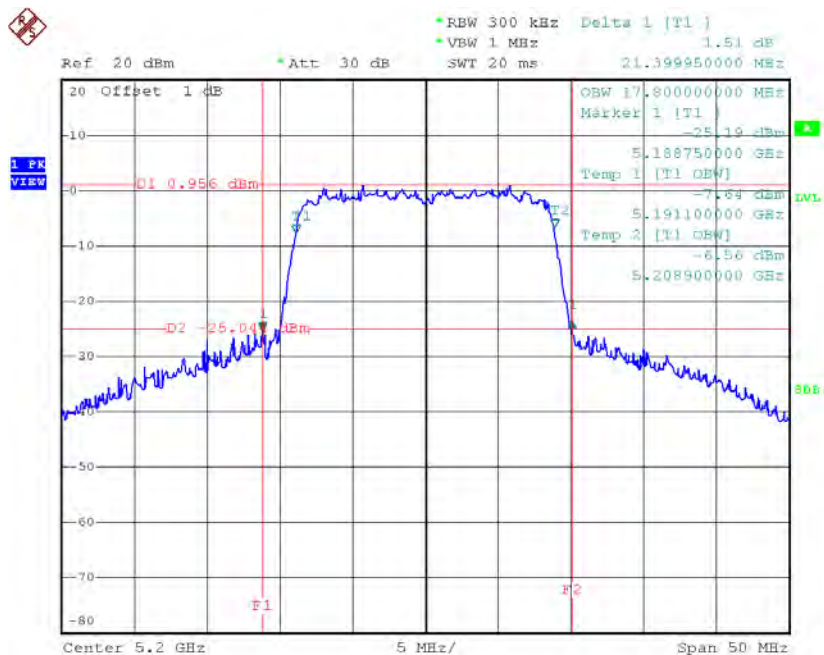
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	21.40	17.70
CH40	5200	21.40	17.80
CH48	5240	24.80	17.80

**TX CH36**



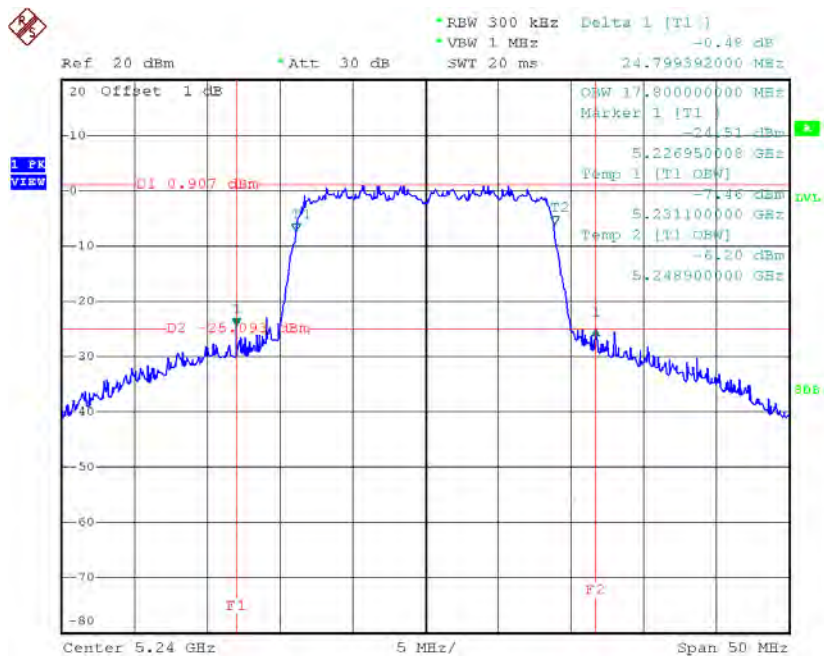
Date: 18.OCT.2015 16:47:34

### TX CH40



Date: 18.OCT.2015 16:48:58

### TX CH48

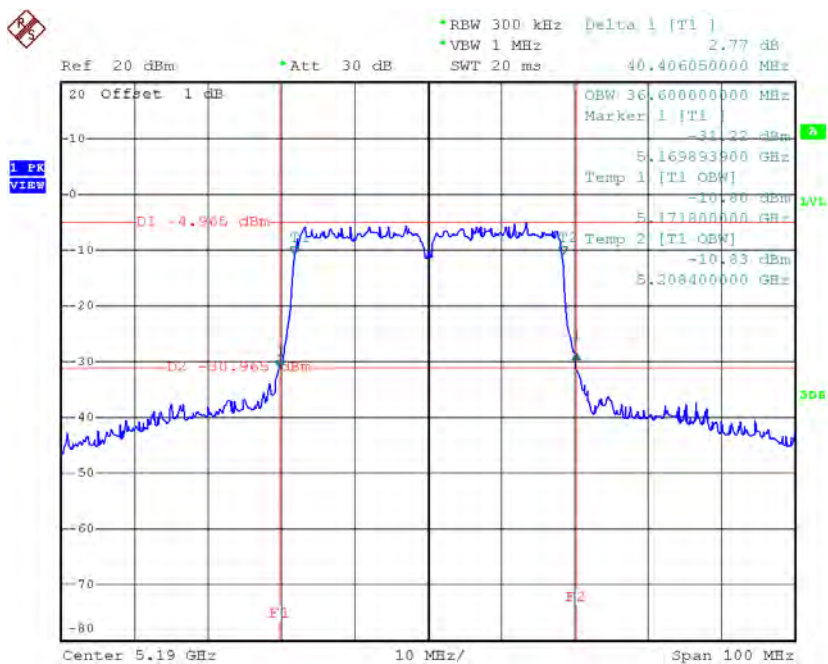


Date: 18.OCT.2015 16:50:08

**Test Mode: UNII-1/TX N40 Mode\_CH38/CH46\_ANT 1**

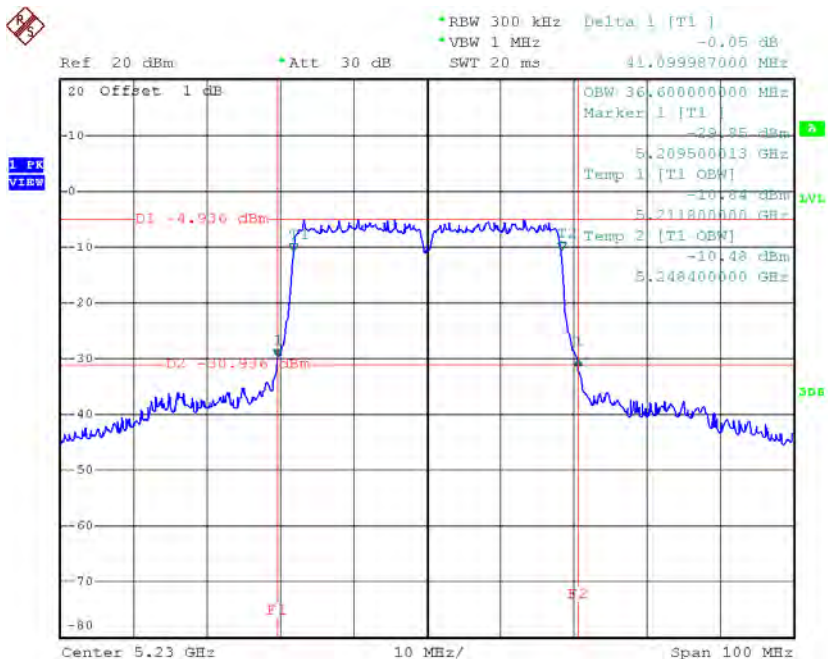
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.41	36.60
CH46	5230	41.10	36.60

### TX CH38



Date: 16.OCT.2015 18:18:36

### TX CH46

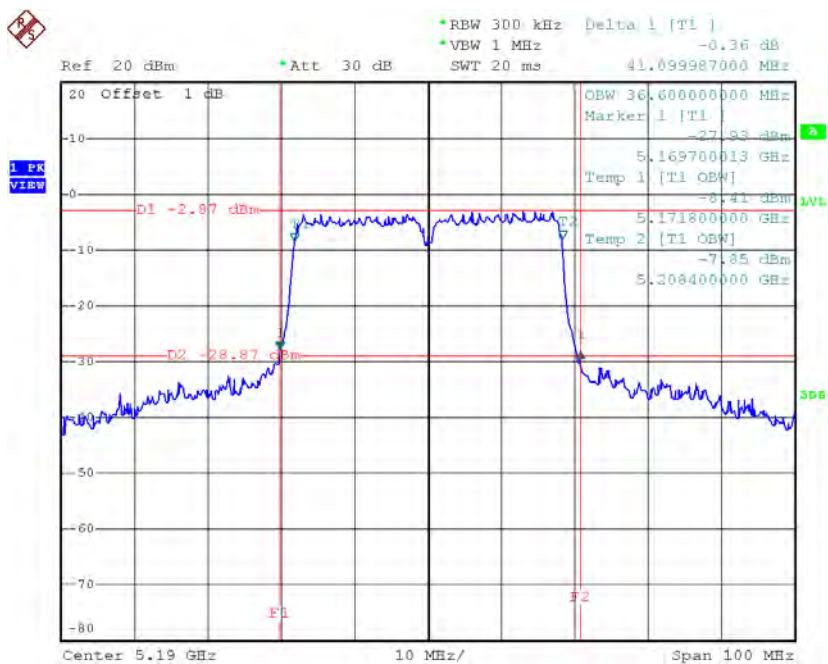


Date: 16.OCT.2015 18:20:43

**Test Mode: UNII-1/TX N40 Mode\_CH38/CH46\_ANT 2**

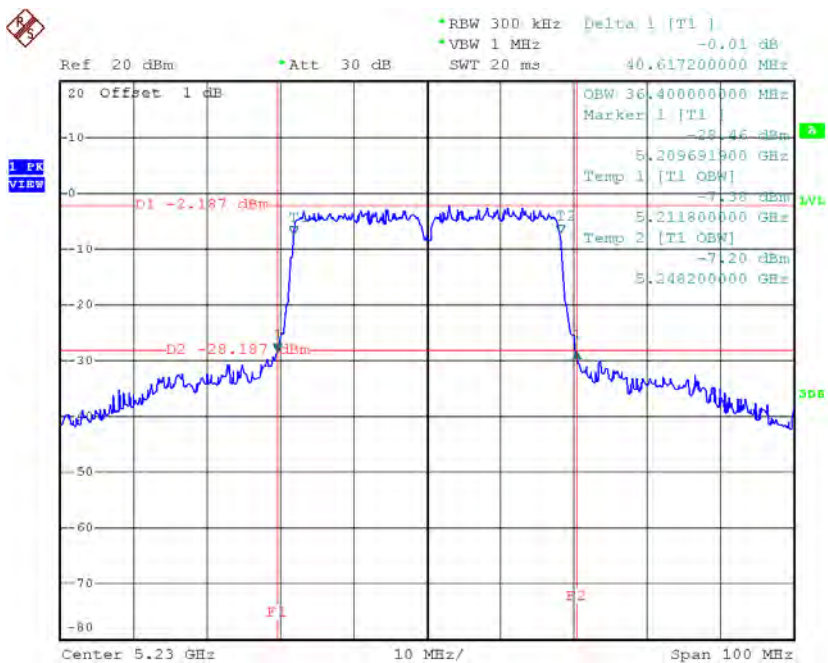
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	41.10	36.60
CH46	5230	40.62	36.40

### TX CH38



Date: 18.OCT.2015 16:51:30

### TX CH46

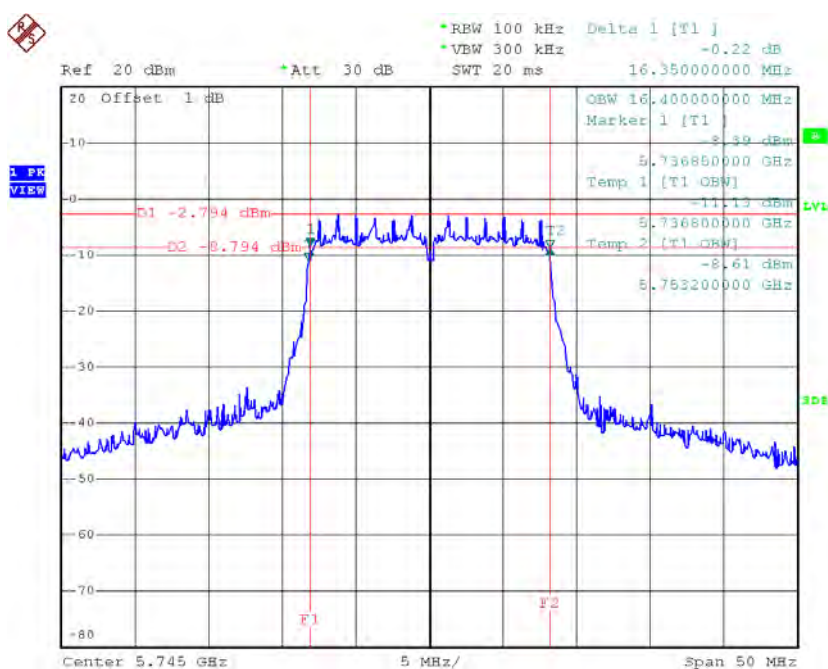


Date: 18.OCT.2015 16:55:53

**Test Mode: UNII-3/ TX A Mode\_CH149/CH157/CH165\_ANT 1**

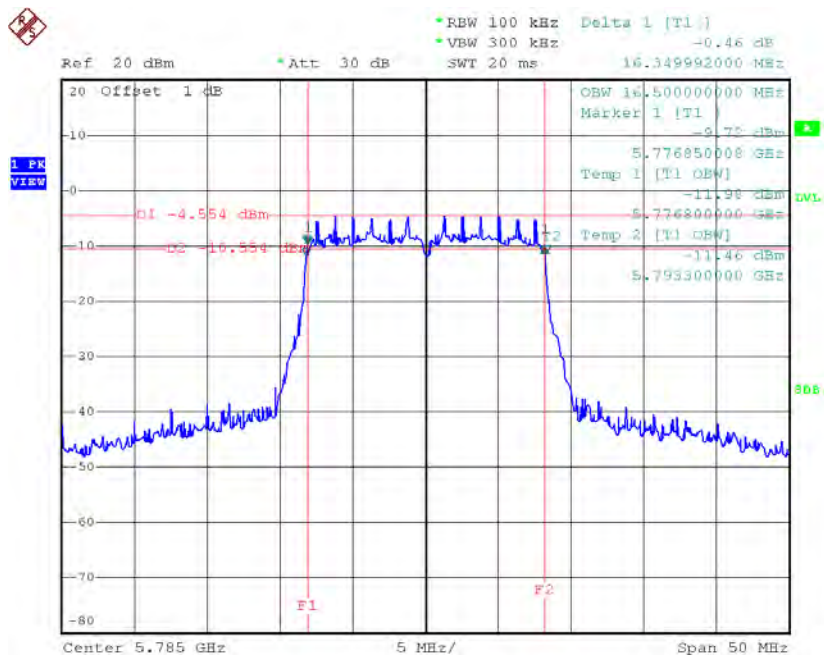
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.35	16.40	>=500
CH157	5785	16.35	16.50	>=500
CH165	5825	16.35	16.50	>=500

**TX CH 149**



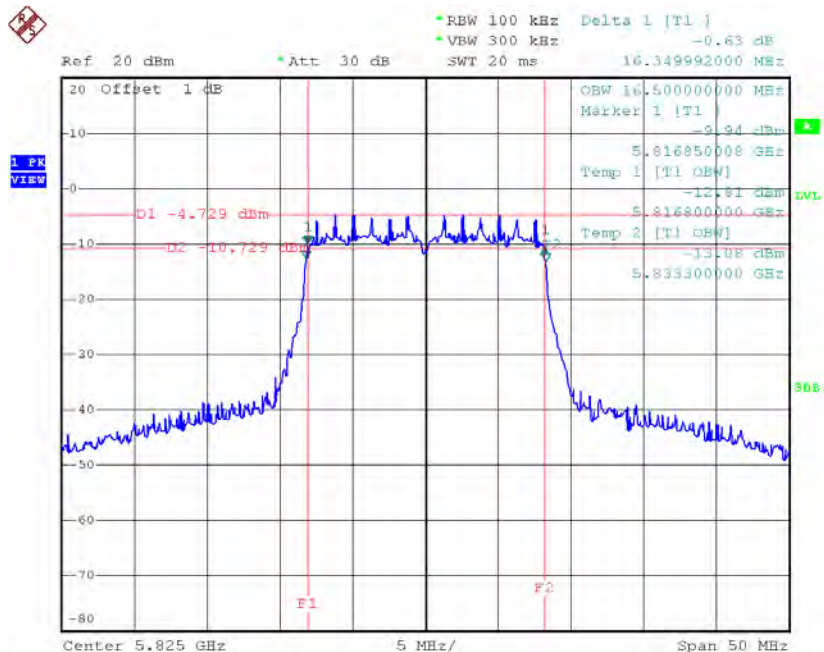
Date: 19.OCT.2015 12:16:10

### TX CH 157



Date: 19.OCT.2015 12:21:28

### TX CH 165

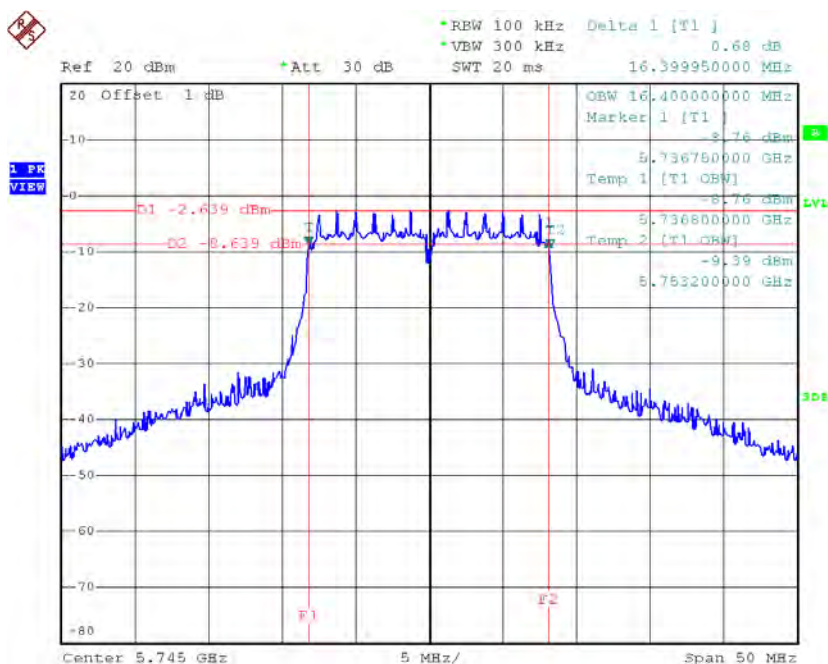


Date: 19.OCT.2015 12:22:46

**Test Mode: UNII-3/ TX A Mode\_CH149/CH157/CH165\_ANT 2**

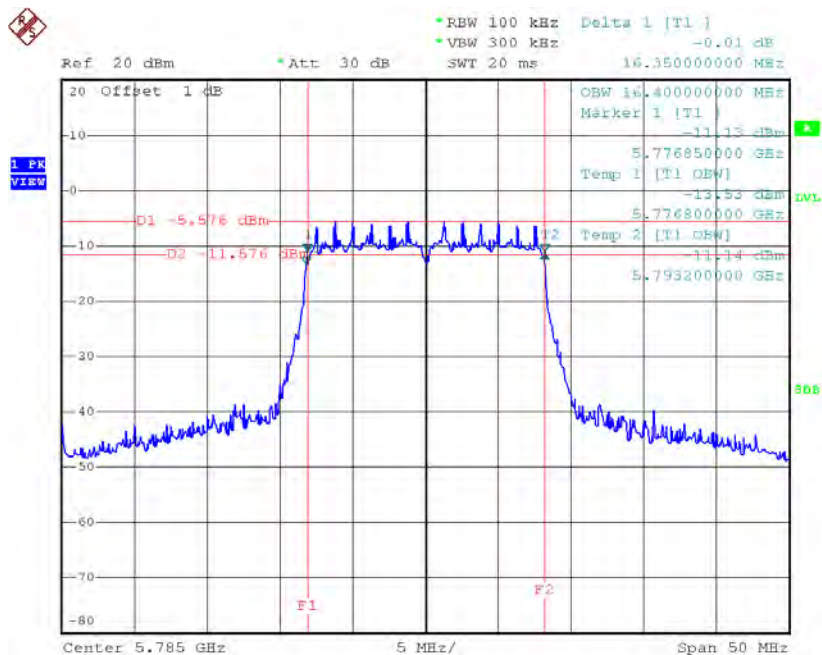
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.40	16.40	>=500
CH157	5785	16.35	16.40	>=500
CH165	5825	16.35	16.50	>=500

**TX CH 149**



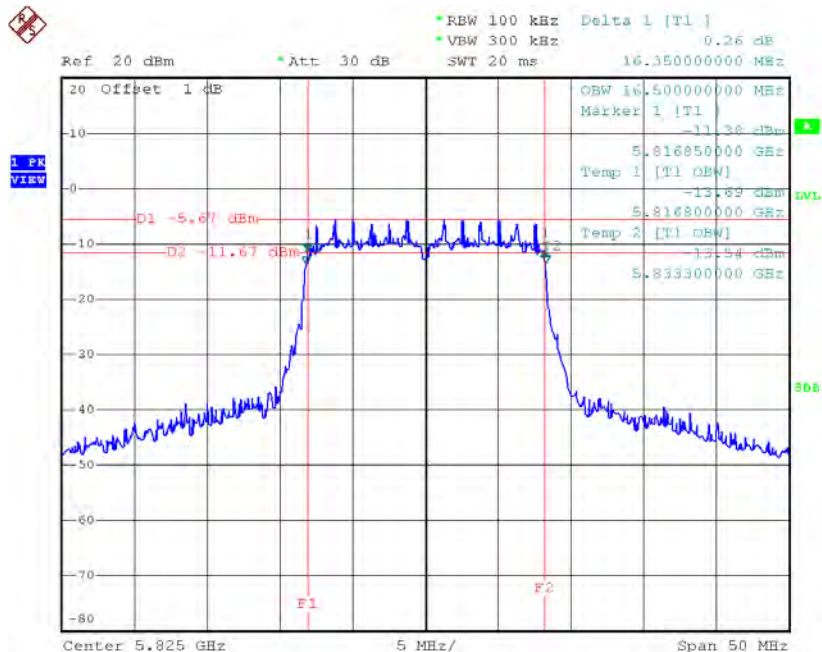
Date: 19.OCT.2015 11:31:33

### TX CH 157



Date: 19.OCT.2015 11:57:08

### TX CH 165

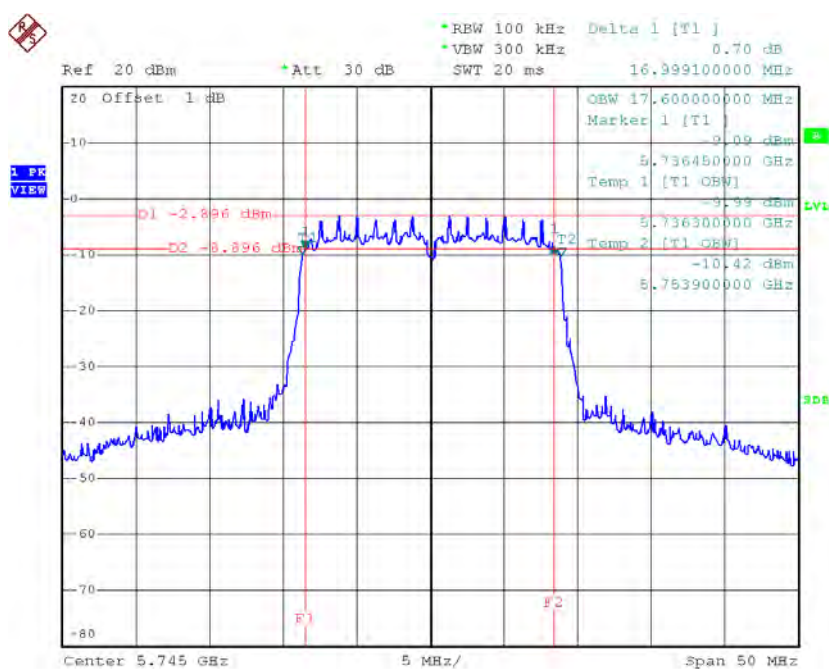


Date: 19.OCT.2015 11:58:42

**Test Mode: UNII-3/ TX N20 Mode\_CH149/CH157/CH165\_ANT 1**

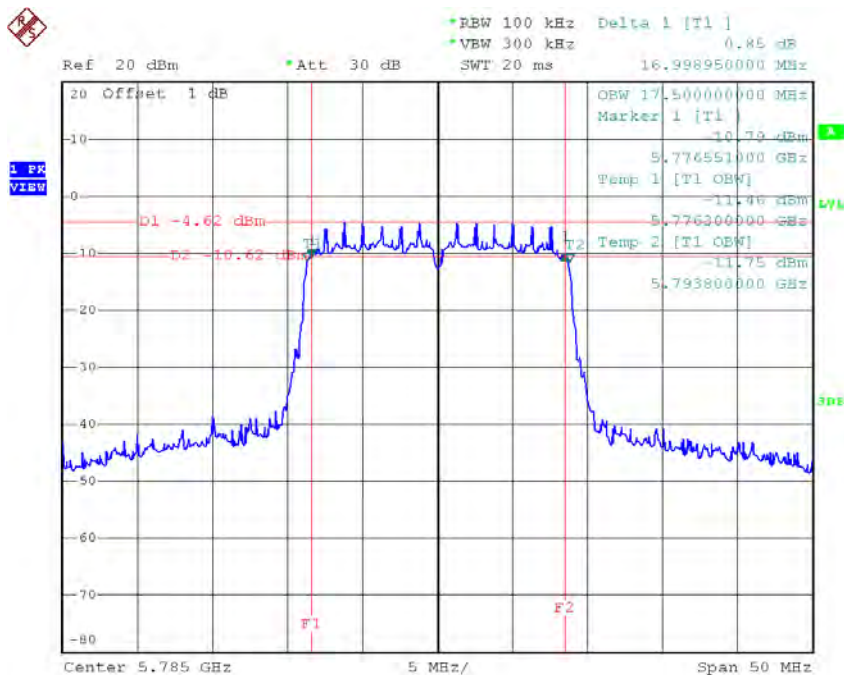
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.00	17.60	>=500
CH157	5785	17.00	17.50	>=500
CH165	5825	17.29	17.60	>=500

**TX CH 149**



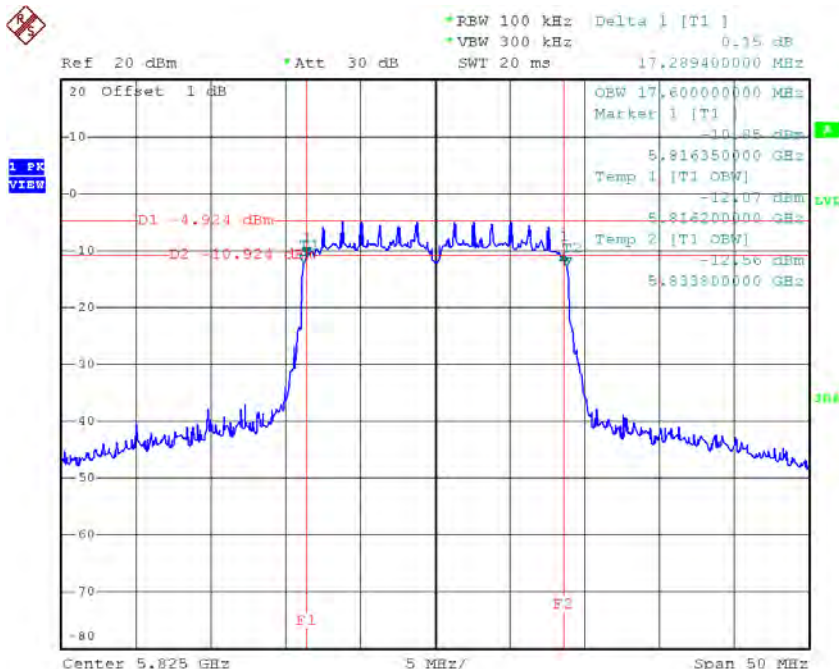
Date: 19.OCT.2015 12:24:16

### TX CH 157



Date: 19.OCT.2015 12:25:57

### TX CH 165

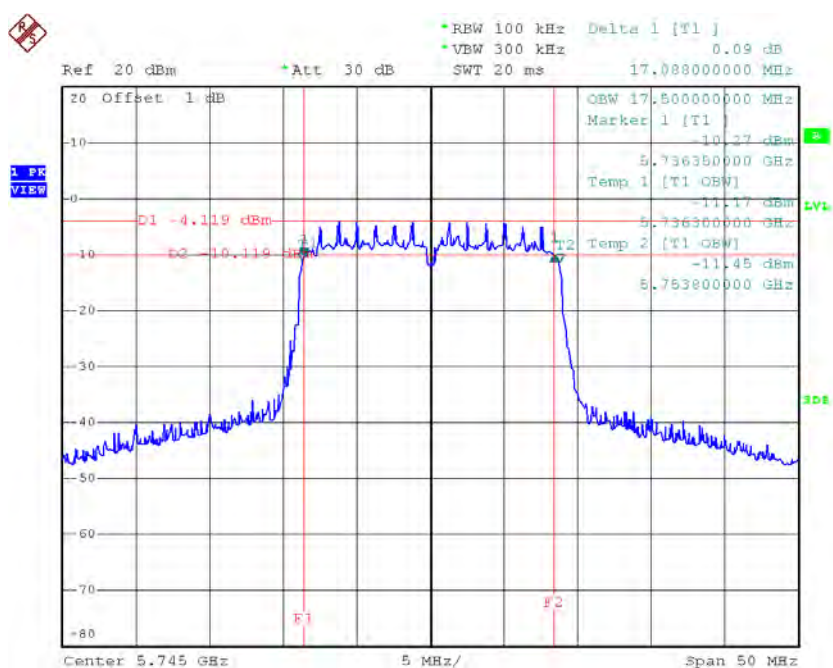


Date: 19.OCT.2015 12:27:16

**Test Mode: UNII-3/ TX N20 Mode\_CH149/CH157/CH165\_ANT 2**

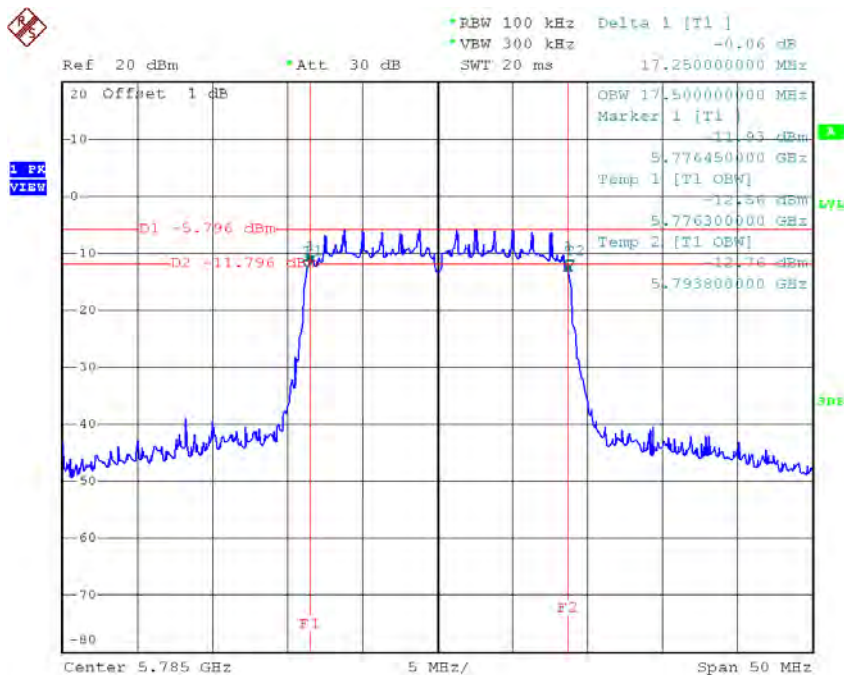
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.09	17.50	>=500
CH157	5785	17.25	17.50	>=500
CH165	5825	17.25	17.50	>=500

**TX CH 149**



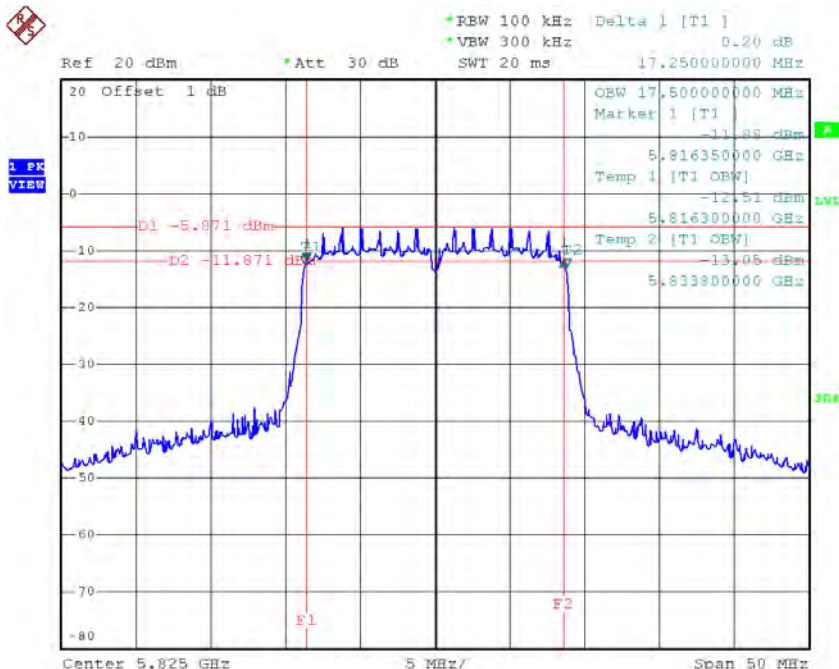
Date: 19.OCT.2015 12:02:26

### TX CH 157



Date: 19.OCT.2015 12:04:08

### TX CH 165

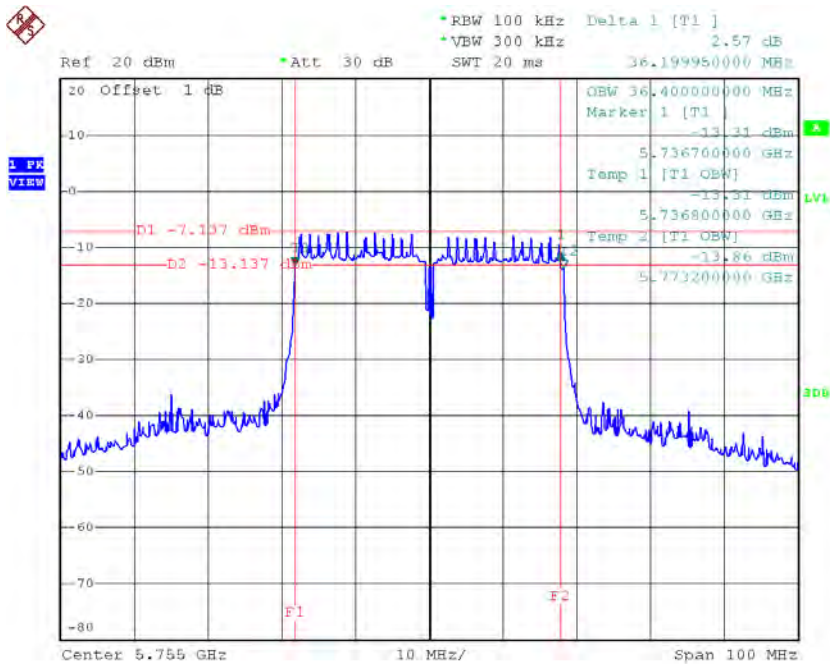


Date: 19.OCT.2015 12:05:16

**Test Mode: UNII-3/ TX N40 Mode\_CH151/CH159\_ANT 1**

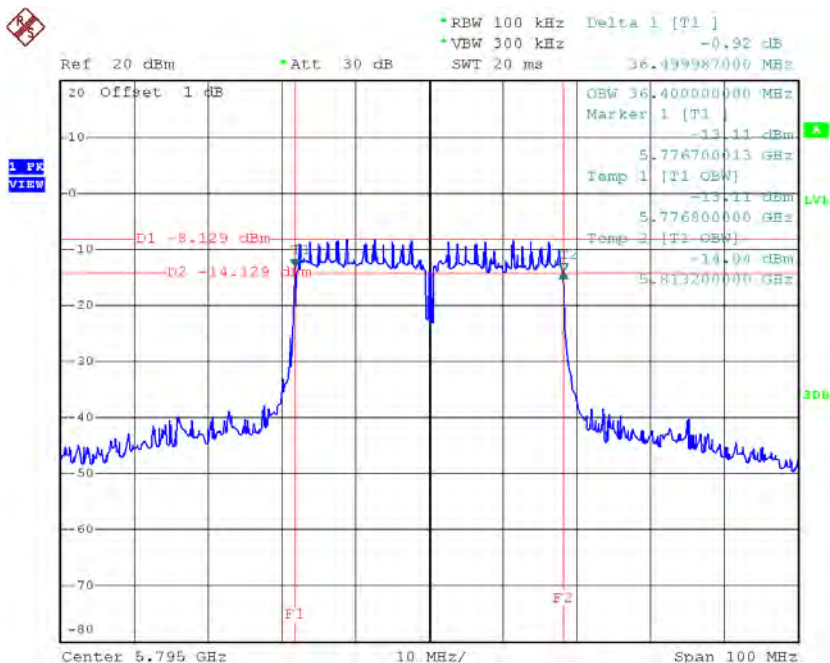
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.20	36.40	>=500
CH159	5795	36.50	36.40	>=500

### TX CH 151



Date: 19.OCT.2015 12:08:30

### TX CH 159

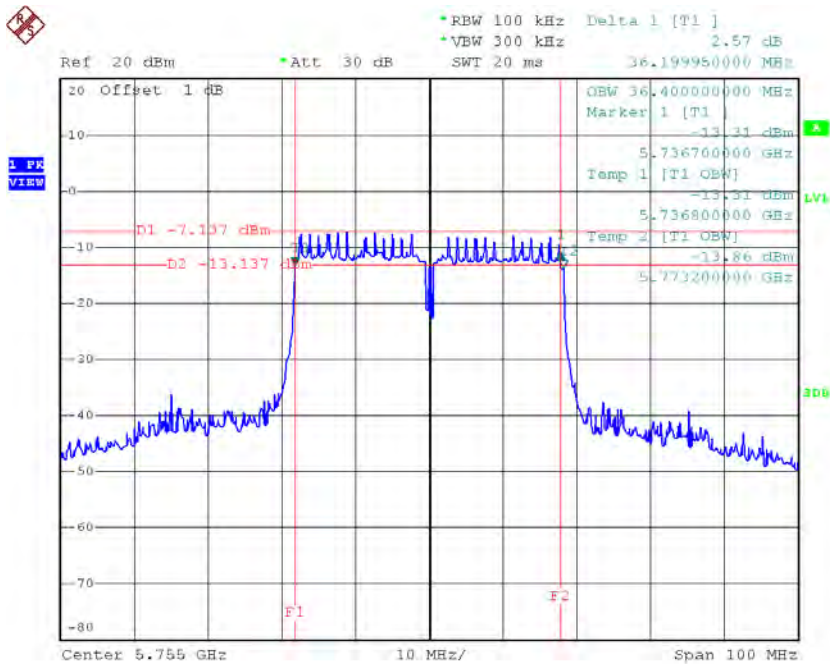


Date: 19.OCT.2015 12:09:55

**Test Mode: UNII-3/ TX N40 Mode\_CH151/CH159\_ANT 2**

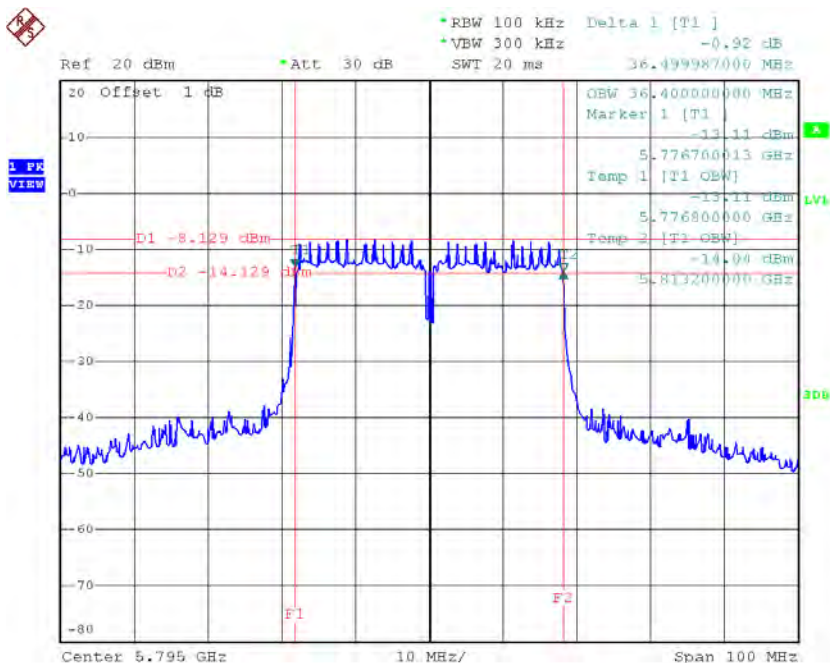
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.20	36.40	>=500
CH159	5795	36.50	36.40	>=500

### TX CH 151



Date: 19.OCT.2015 12:08:30

### TX CH 159



Date: 19.OCT.2015 12:09:55

## ATTACHMENT F - MAXIMUM OUTPUT POWER

**Test Mode: UNII-1/TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.17	0.25	12.42	24.00	0.25
CH40	5200	12.45	0.25	12.70	24.00	0.25
CH48	5240	12.58	0.25	12.83	24.00	0.25

**Test Mode: UNII-1/TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	11.37	0.48	11.85	24.00	0.25
CH40	5200	11.74	0.48	12.22	24.00	0.25
CH48	5240	12.30	0.48	12.78	24.00	0.25

**Test Mode: UNII-1/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	11.27	0.51	11.78	24.00	0.25
CH40	5200	11.57	0.51	12.08	24.00	0.25
CH48	5240	11.79	0.51	12.30	24.00	0.25

**Test Mode: UNII-1/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	10.84	0.51	11.35	24.00	0.25
CH40	5200	11.16	0.51	11.67	24.00	0.25
CH48	5240	11.56	0.51	12.07	24.00	0.25

**Test Mode: UNII-1/TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	10.01	0.79	10.80	24.00	0.25
CH46	5230	10.51	0.79	11.30	24.00	0.25

**Test Mode: UNII-1/TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	0.61	0.79	1.40	24.00	0.25
CH46	5230	10.34	0.79	11.13	24.00	0.25

**Test Mode: UNII-3/ TX A Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.53	0.25	8.78	30.00	1.00
CH157	5785	7.58	0.25	7.83	30.00	1.00
CH165	5825	7.81	0.25	8.06	30.00	1.00

**Test Mode: UNII-3/ TX A Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.02	0.48	8.50	30.00	1.00
CH157	5785	7.13	0.48	7.61	30.00	1.00
CH165	5825	7.38	0.48	7.86	30.00	1.00

**Test Mode: UNII-3/TX N20 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	8.08	0.51	8.59	30.00	1.00
CH157	5785	7.15	0.51	7.66	30.00	1.00
CH165	5825	7.49	0.51	8.00	30.00	1.00

**Test Mode: UNII-3/TX N20 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	7.90	0.51	8.41	30.00	1.00
CH157	5785	7.02	0.51	7.53	30.00	1.00
CH165	5825	7.17	0.51	7.68	30.00	1.00

**Test Mode: UNII-3/ TX N40 Mode\_ANT 1**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	8.65	0.79	9.44	30.00	1.00
CH159	5795	8.14	0.79	8.93	30.00	1.00

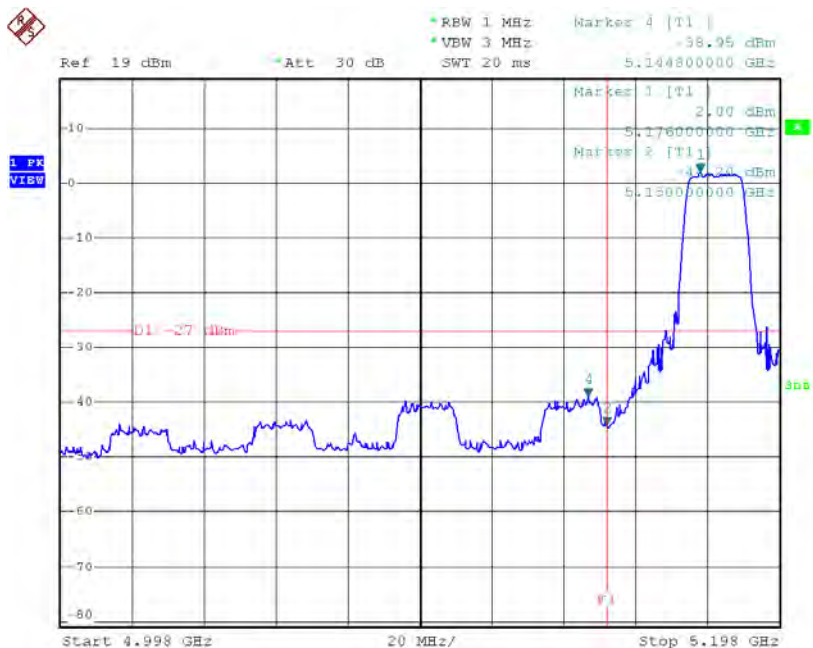
**Test Mode: UNII-3/ TX N40 Mode\_ANT 2**

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	7.98	0.79	8.77	30.00	1.00
CH159	5795	7.89	0.79	8.68	30.00	1.00

## **ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION**

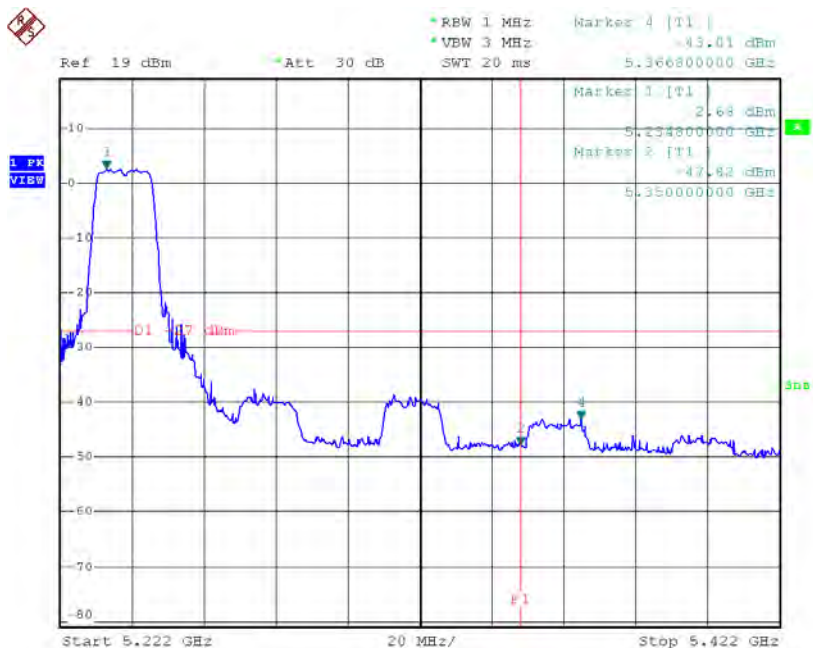
**Test Mode:** UNII-1/TX A Mode\_ANT 1

### TX mode CH36



Date: 16.OCT.2015 18:03:38

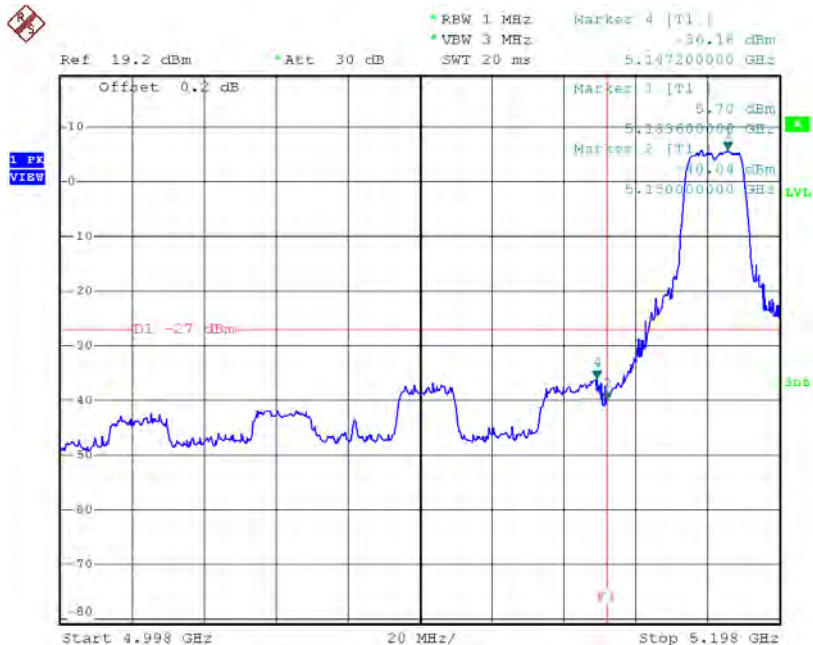
### TX mode CH48



Date: 16.OCT.2015 18:11:33

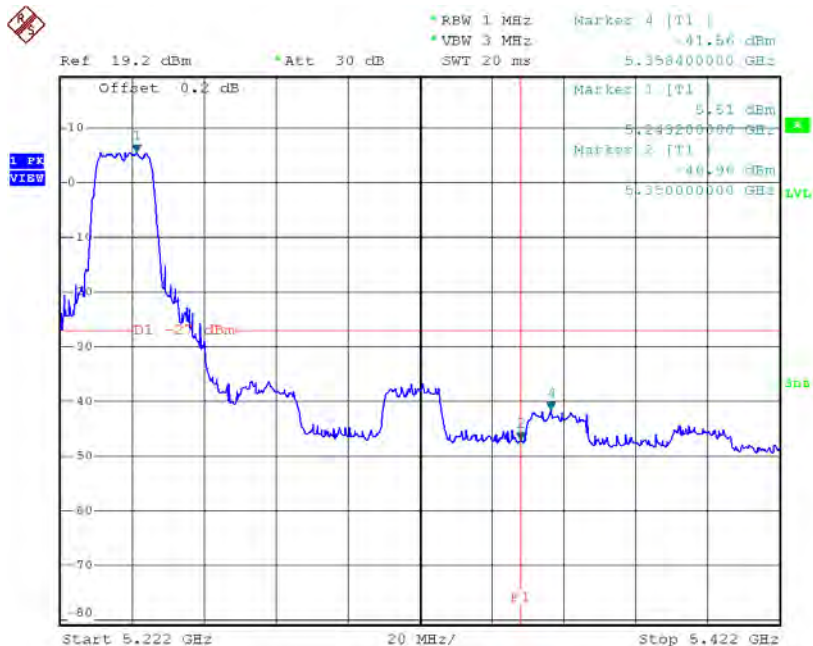
**Test Mode:** UNII-1/TX A Mode \_ANT 2

**TX mode CH36**



Date: 18.OCT.2015 16:37:15

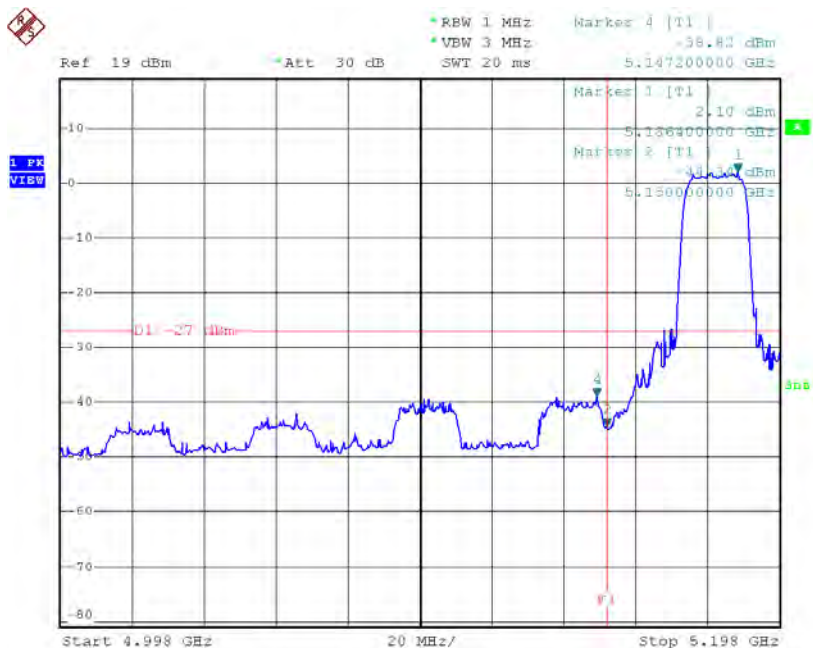
**TX mode CH48**



Date: 18.OCT.2015 16:46:42

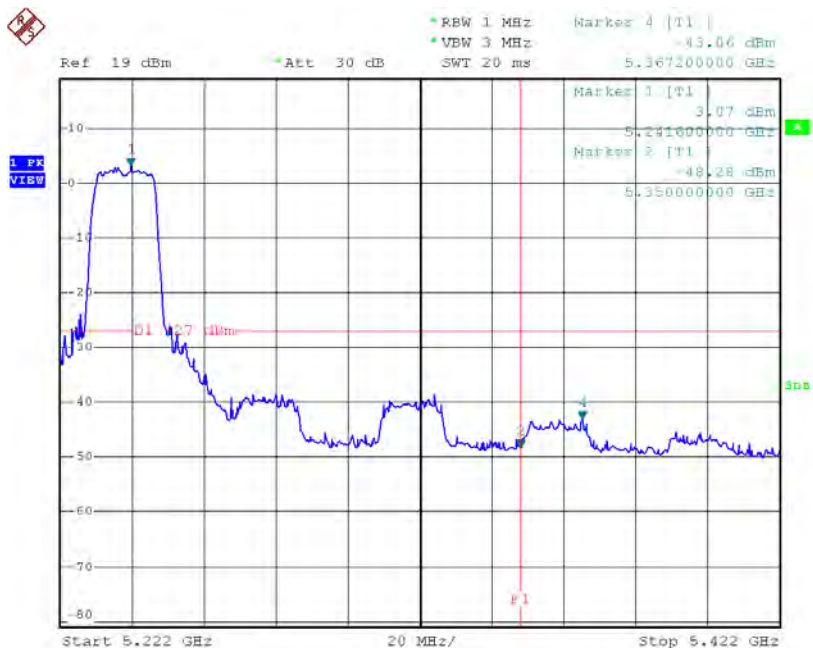
**Test Mode:** UNII-1/TX N20 Mode\_ANT 1

### TX mode CH36



Date: 16.OCT.2015 18:13:42

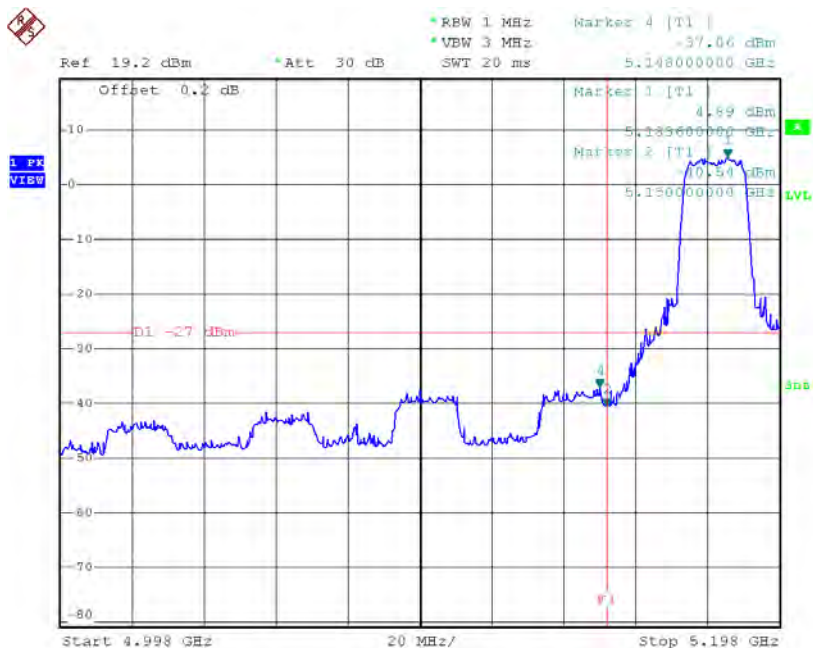
### TX mode CH48



Date: 16.OCT.2015 18:16:22

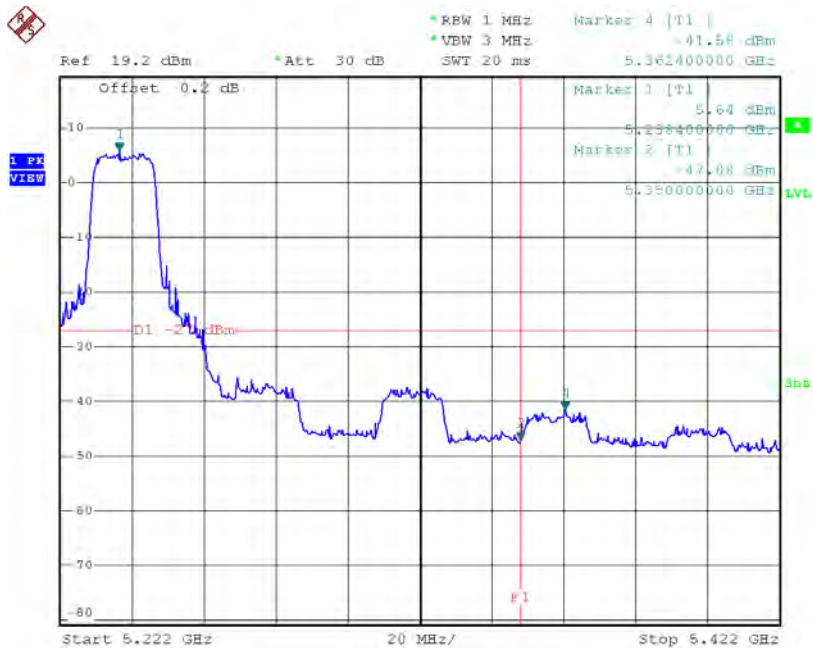
**Test Mode:** UNII-1/TX N20 Mode\_ANT 2

**TX mode CH36**



Date: 18.OCT.2015 16:47:52

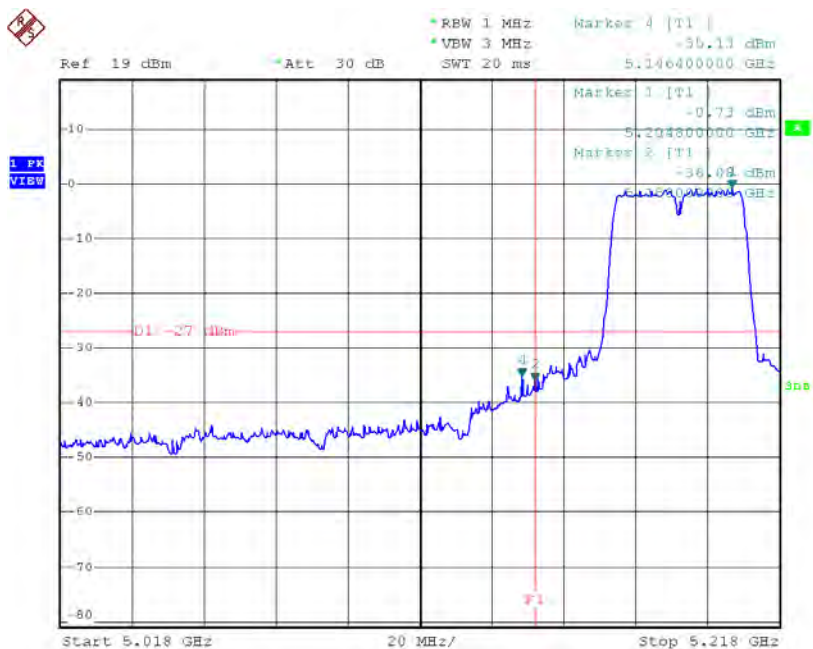
**TX mode CH48**



Date: 18.OCT.2015 16:50:25

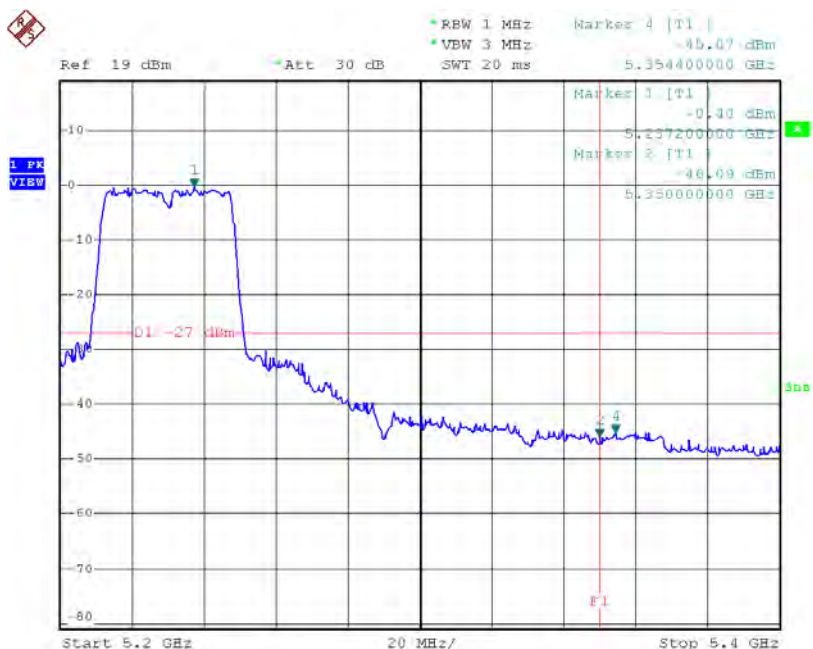
**Test Mode:** UNII-1/TX N40 Mode\_ANT 1

### TX mode CH38



Date: 16.OCT.2015 18:18:53

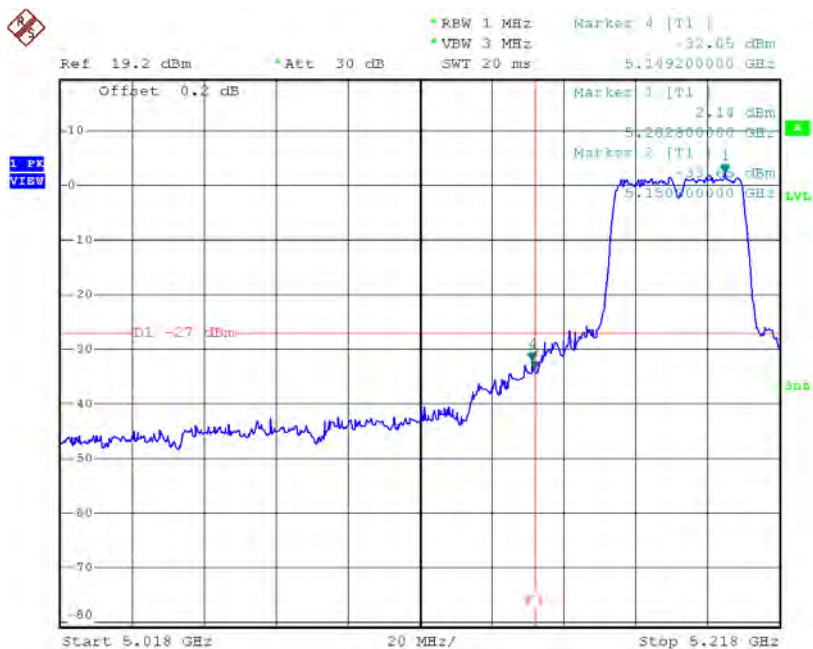
### TX mode CH46



Date: 16.OCT.2015 18:21:00

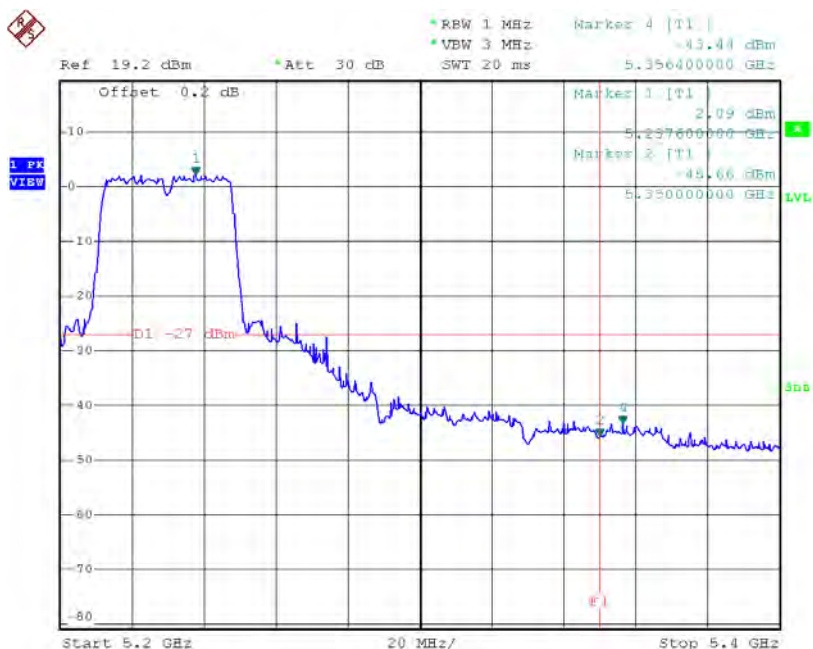
**Test Mode:** UNII-1/TX N40 Mode\_ANT 2

### TX mode CH38



Date: 18.OCT.2015 16:55:00

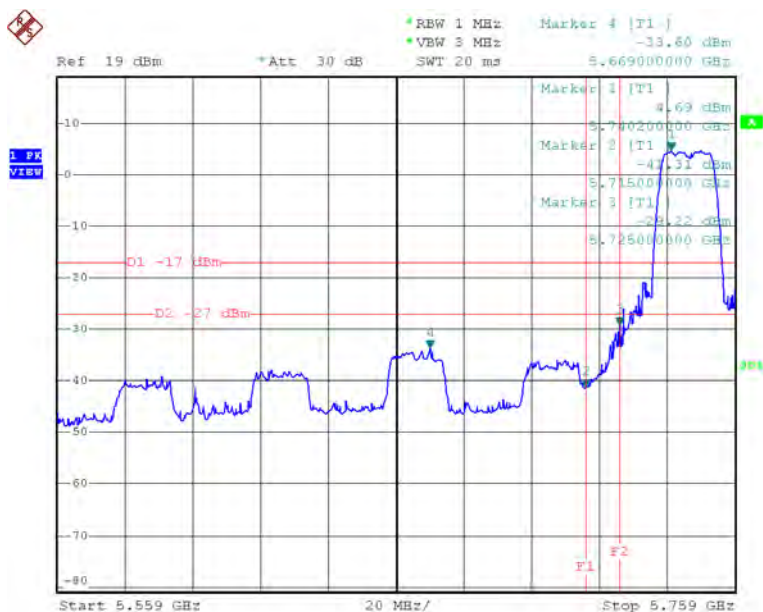
### TX mode CH46



Date: 18.OCT.2015 16:56:10

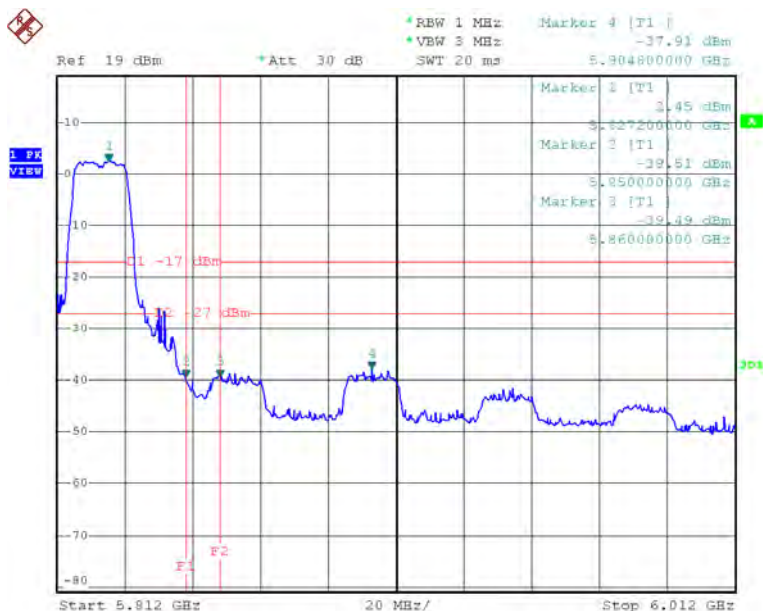
Test Mode: UNII-3/TX A Mode\_ANT 1

### TX A Mode CH149



Date: 19.OCT.2015 12:16:19

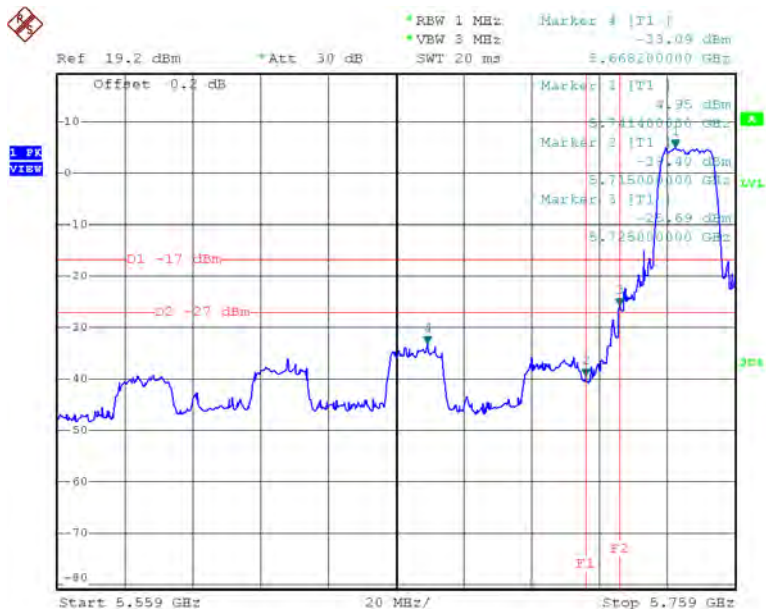
### TX A Mode CH165



Date: 19.OCT.2015 12:23:05

Test Mode: UNII-3/TX A Mode\_ANT 2

### TX A Mode CH149



Date: 19.OCT.2015 11:31:41

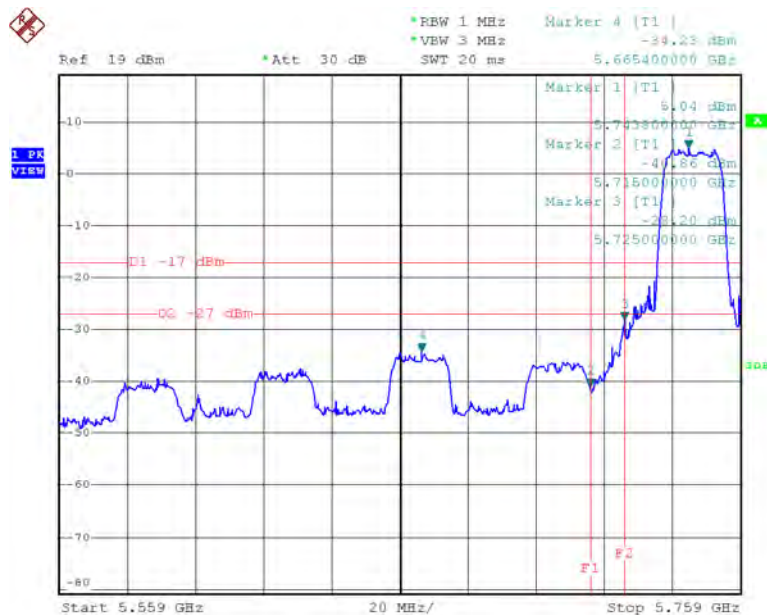
### TX A Mode CH165



Date: 19.OCT.2015 11:59:01

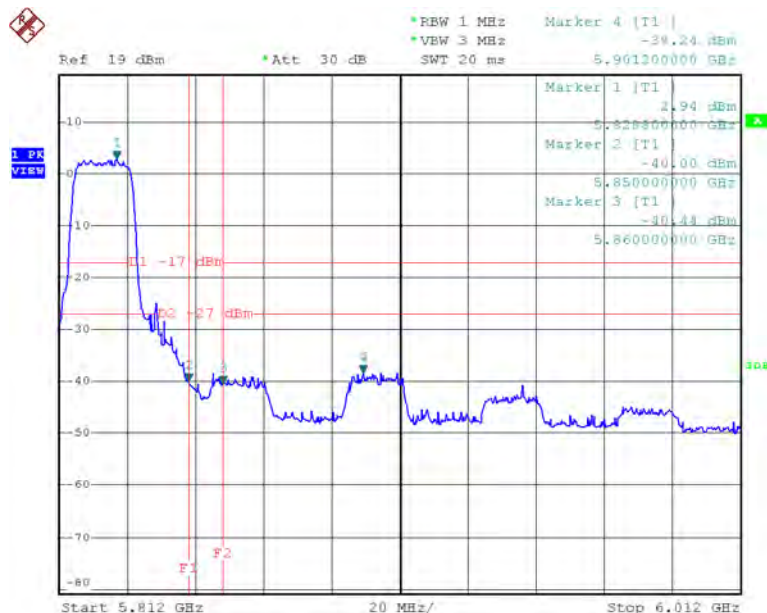
**Test Mode:** UNII-3/TX N20 Mode\_ANT 1

**TX HT20 mode CH149**



Date: 19.OCT.2015 12:24:45

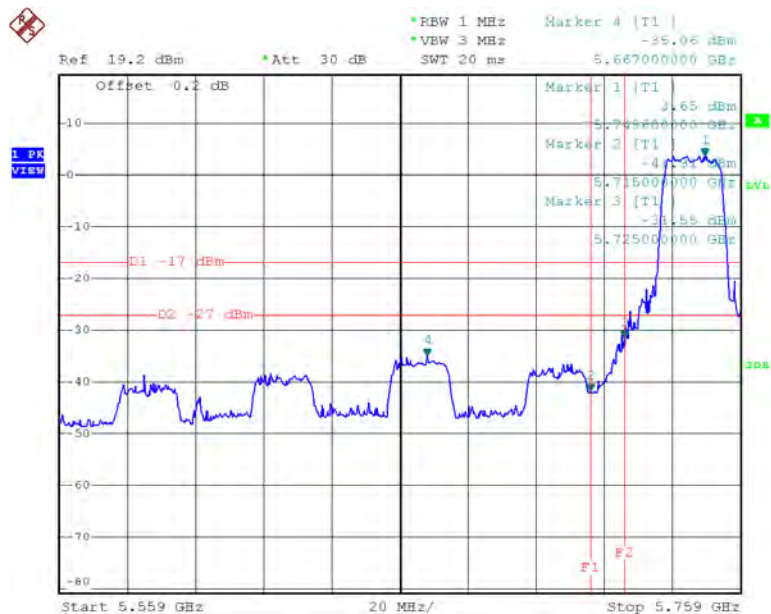
**TX HT20 mode CH165**



Date: 19.OCT.2015 12:27:35

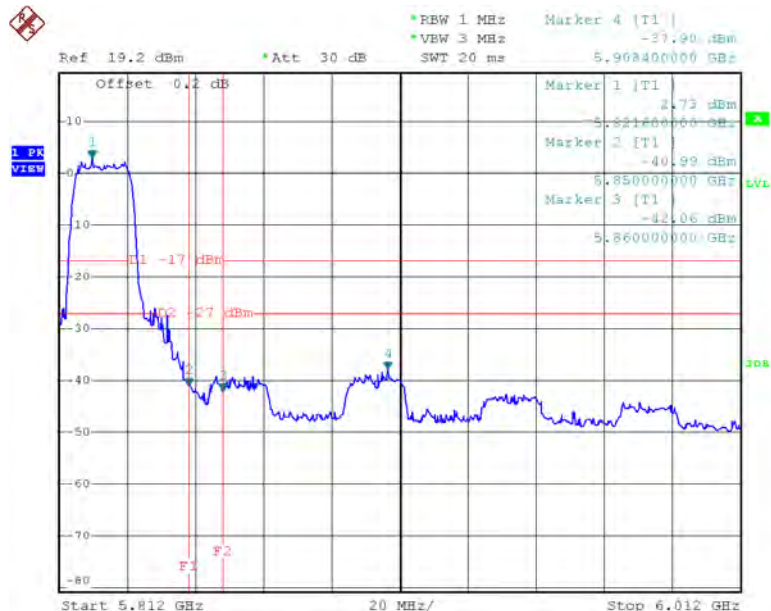
**Test Mode:** UNII-3/TX N20 Mode\_ANT 2

**TX HT20 mode CH149**



Date: 19.OCT.2015 12:02:56

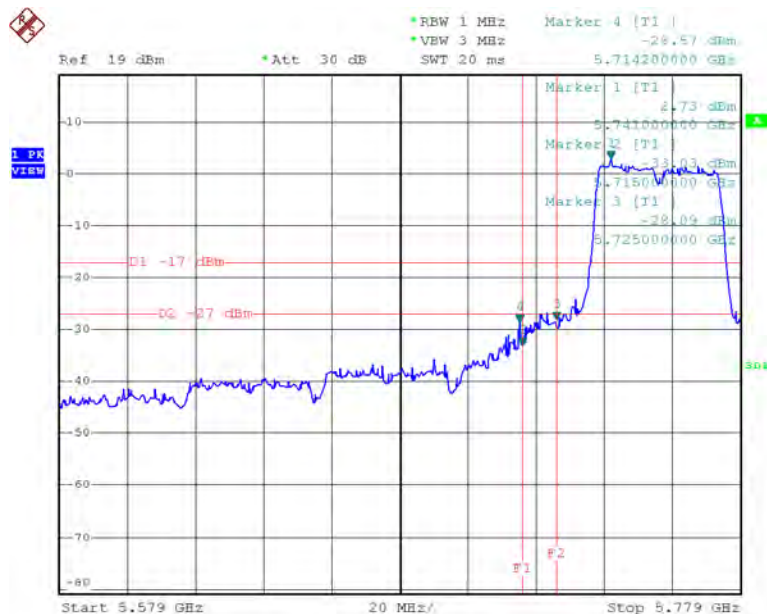
**TX HT20 mode CH165**



Date: 19.OCT.2015 12:05:35

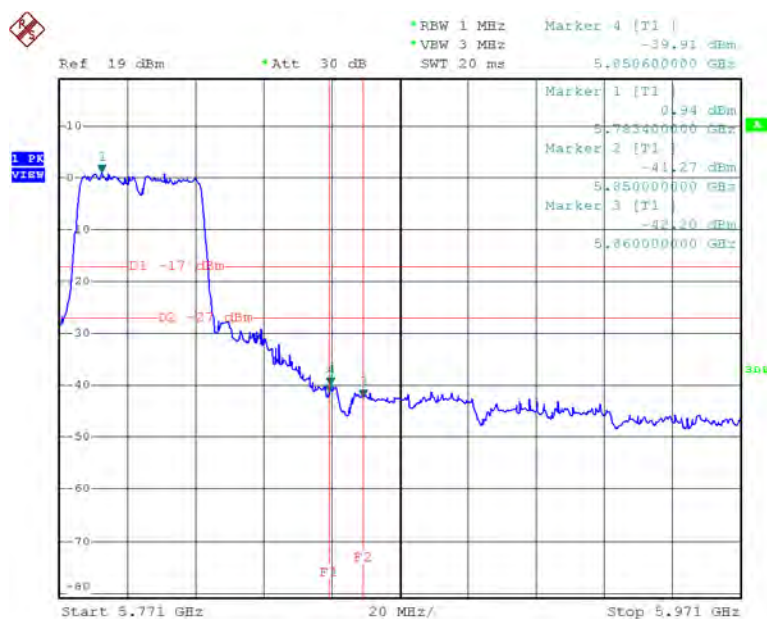
Test Mode: UNII-3/TX N40 Mode\_ANT 1

### UNII-3/TX HT40 mode CH151



Date: 19.OCT.2015 12:13:23

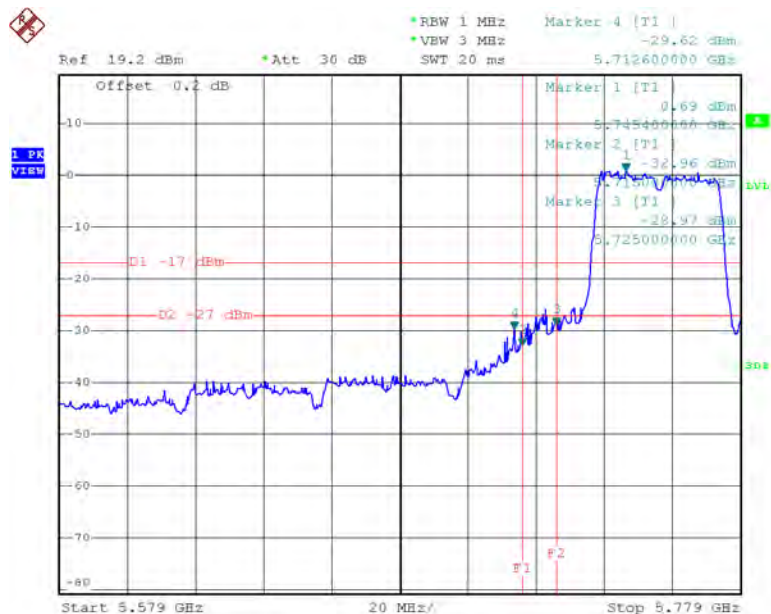
### UNII-3/TX HT40 mode CH159



Date: 19.OCT.2015 12:14:52

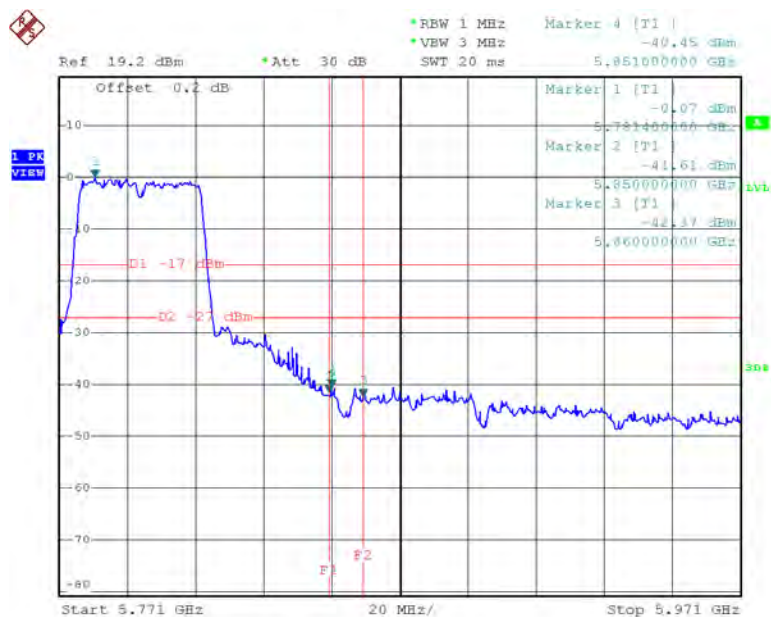
Test Mode: UNII-3/TX N40 Mode\_ANT 2

### UNII-3/TX HT40 mode CH151



Date: 19.OCT.2015 12:08:49

### UNII-3/TX HT40 mode CH159



Date: 19.OCT.2015 12:10:13

## ATTACHMENT H - POWER SPECTRAL DENSITY

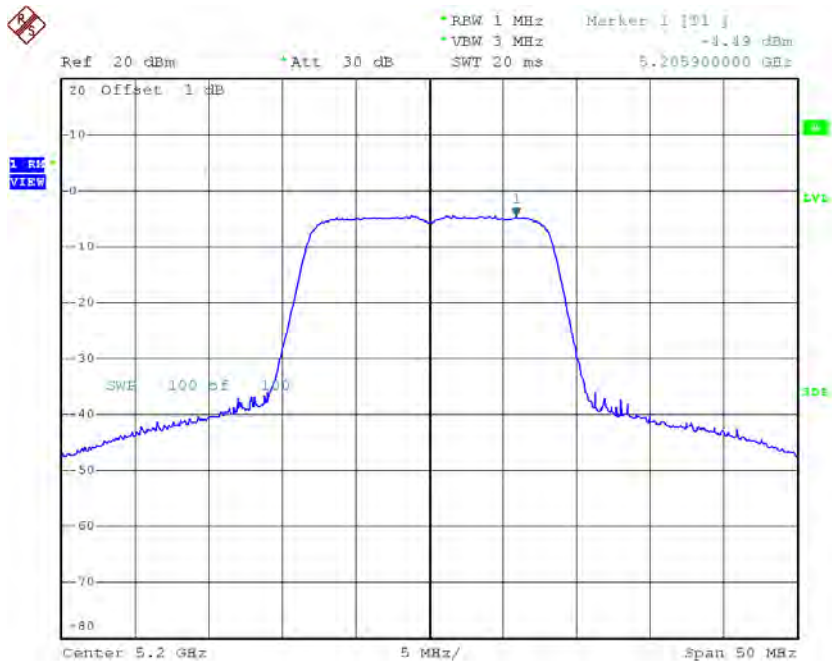
**Test Mode: UNII-1/ TX A Mode\_CH36/CH40/CH48\_ANT 1**

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-4.91	0.25	-4.66	11.00
CH40	5200	-4.49	0.25	-4.24	11.00
CH48	5240	-4.19	0.25	-3.94	11.00



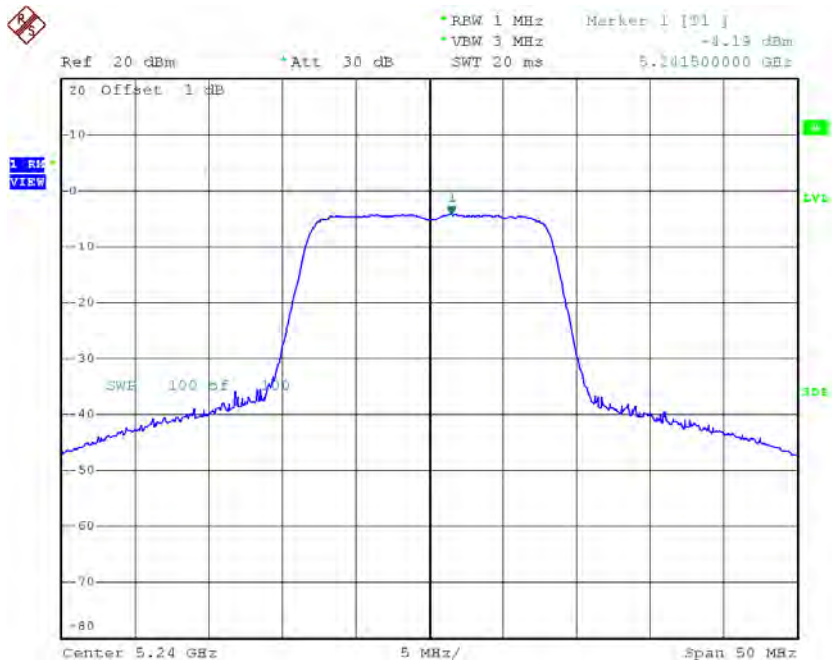
Date: 16.OCT.2015 18:03:30

**CH40**



Date: 16.OCT.2015 18:10:19

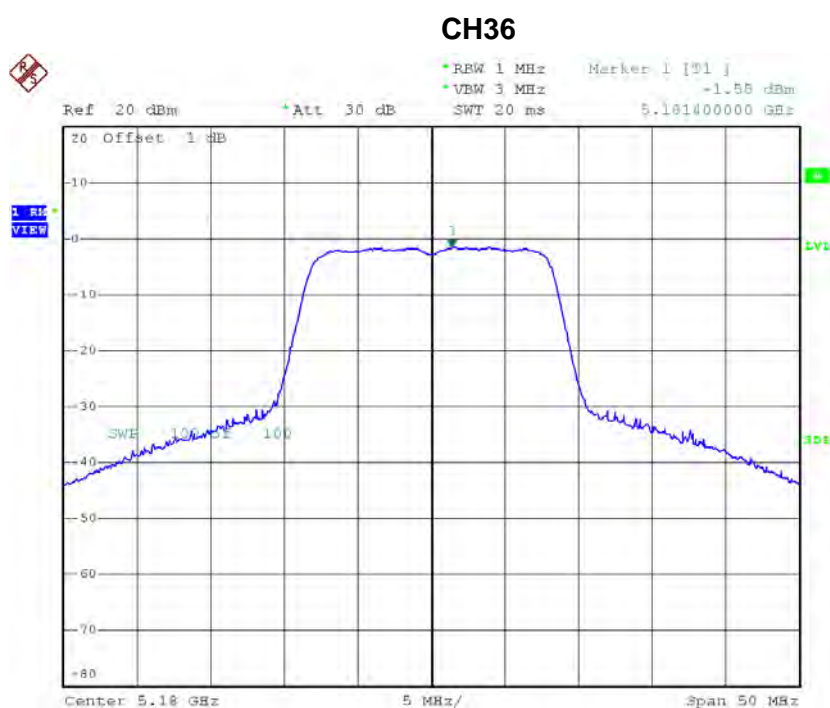
**CH48**



Date: 16.OCT.2015 18:11:25

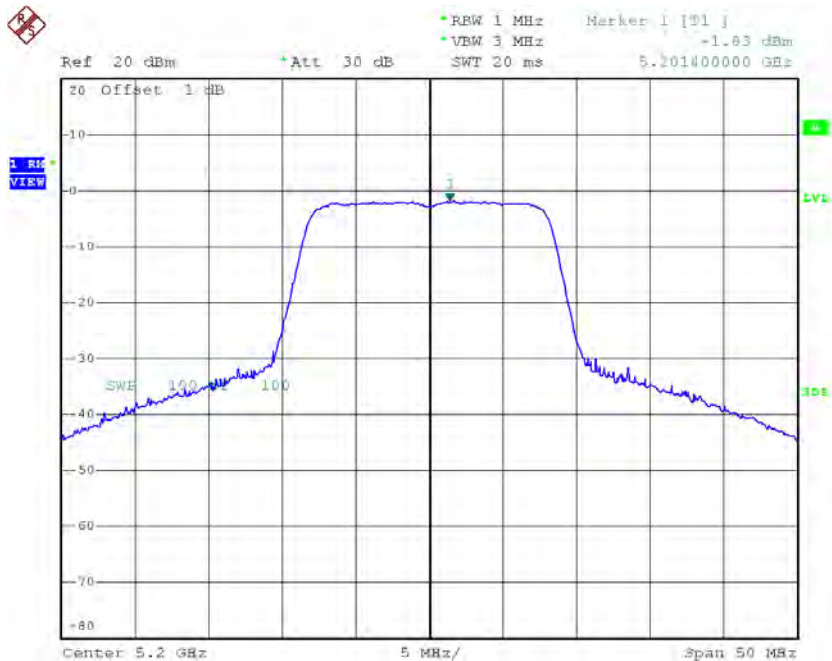
**Test Mode: UNII-1/ TX A Mode\_CH36/CH40/CH48\_ANT 2**

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-1.55	0.48	-1.07	11.00
CH40	5200	-1.83	0.48	-1.35	11.00
CH48	5240	-1.60	0.48	-1.12	11.00



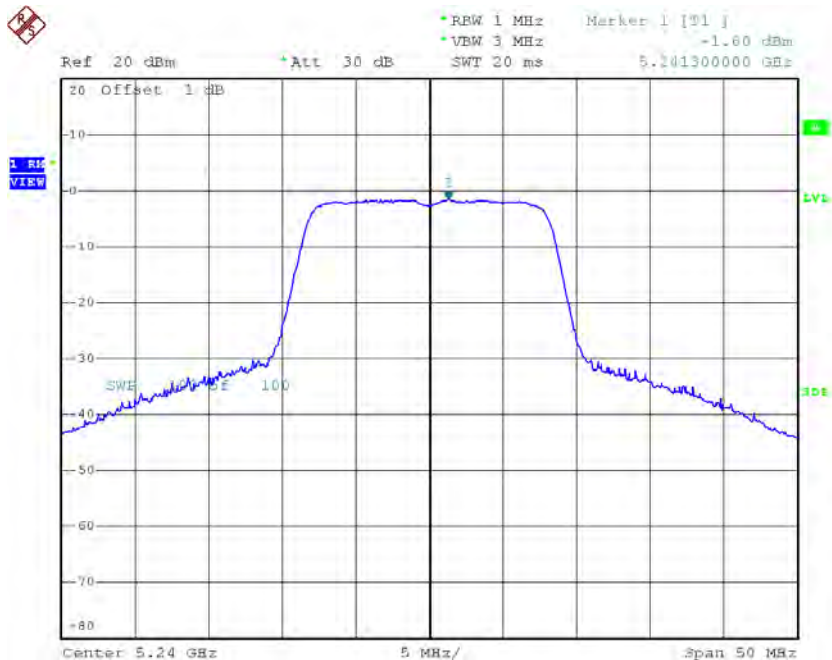
Date: 18.OCT.2015 16:37:07

**CH40**



Date: 18.OCT.2015 16:45:31

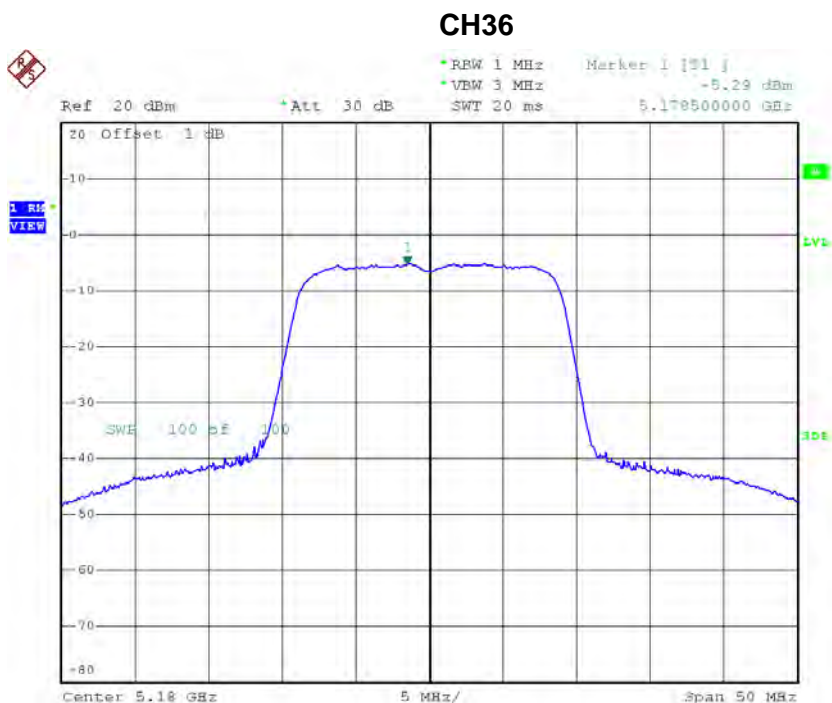
**CH48**



Date: 18.OCT.2015 16:46:34

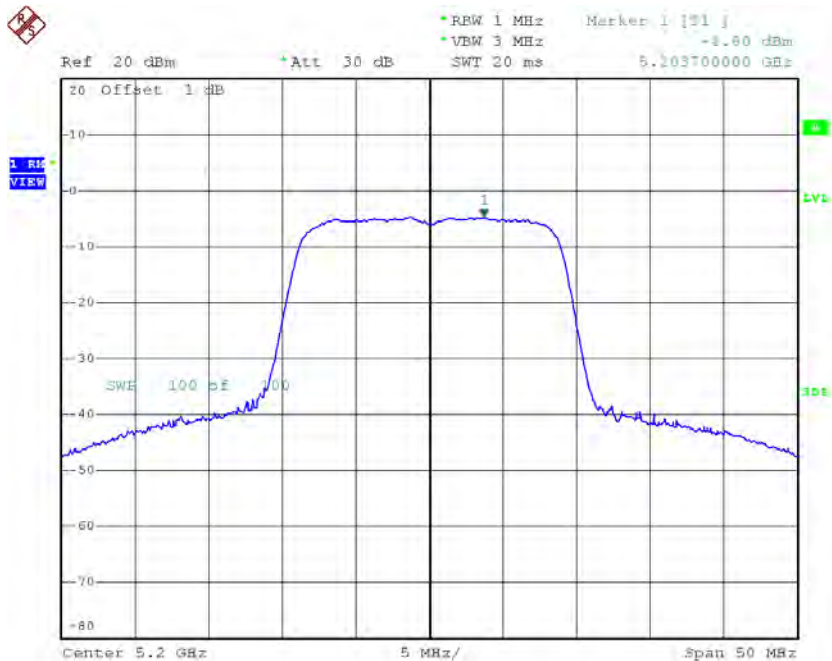
**Test Mode: UNII-1/TX N20 Mode\_CH36/CH40/CH48\_ANT 1**

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-5.29	0.51	-4.78	11.00
CH40	5200	-4.80	0.51	-4.29	11.00
CH48	5240	-4.33	0.51	-3.82	11.00



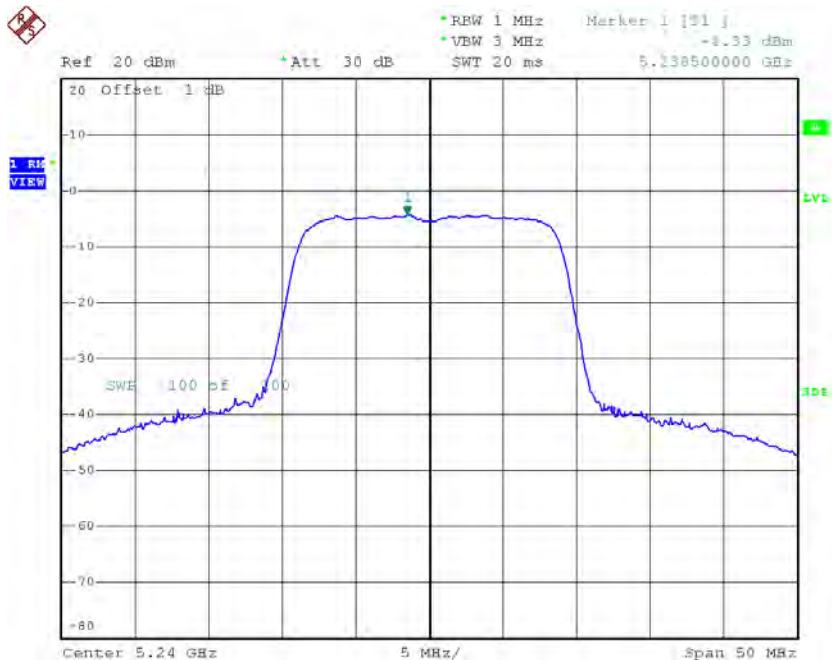
Date: 16.OCT.2015 18:13:34

### CH40



Date: 16.OCT.2015 18:15:03

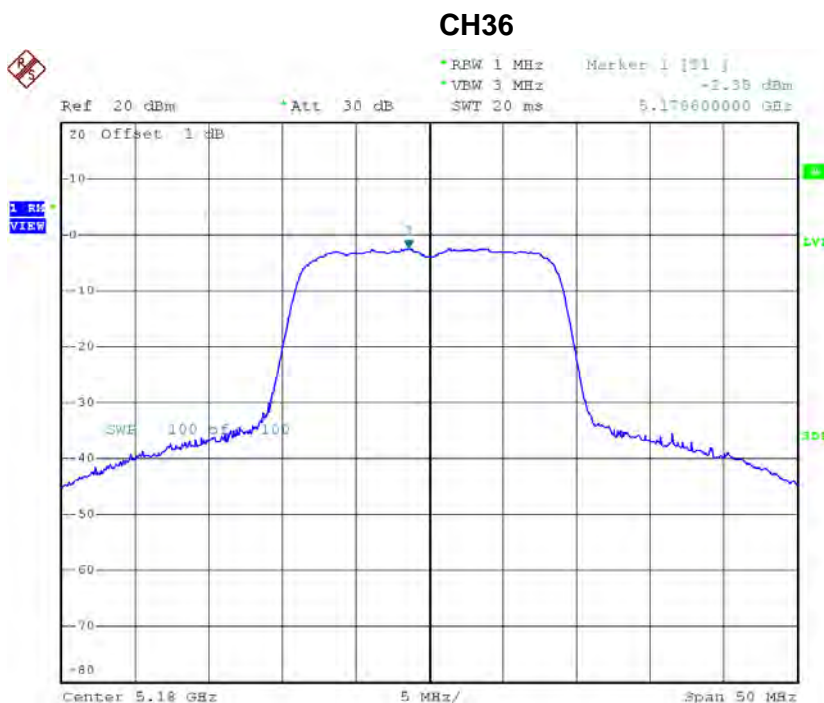
### CH48



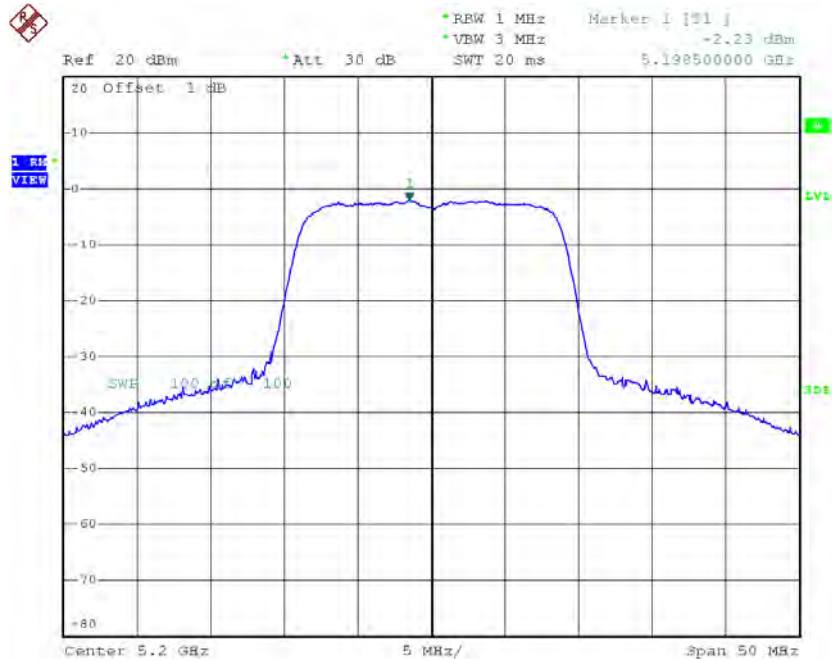
Date: 16.OCT.2015 18:16:14

**Test Mode: UNII-1/TX N20 Mode\_CH36/CH40/CH48\_ANT 2**

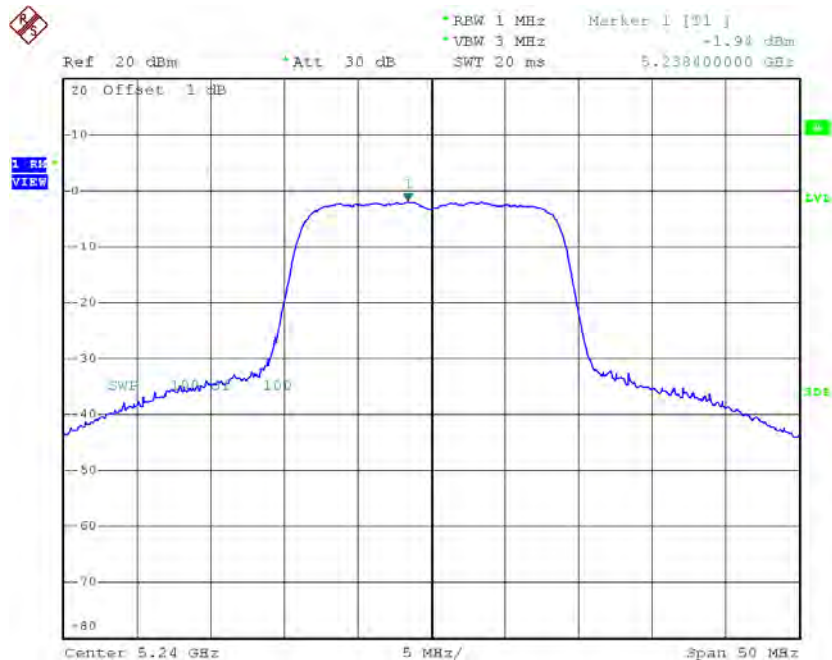
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-2.35	0.51	-1.84	11.00
CH40	5200	-2.23	0.51	-1.72	11.00
CH48	5240	-1.94	0.51	-1.43	11.00



Date: 18.OCT.2015 16:47:44

**CH40**

Date: 18.OCT.2015 16:49:07

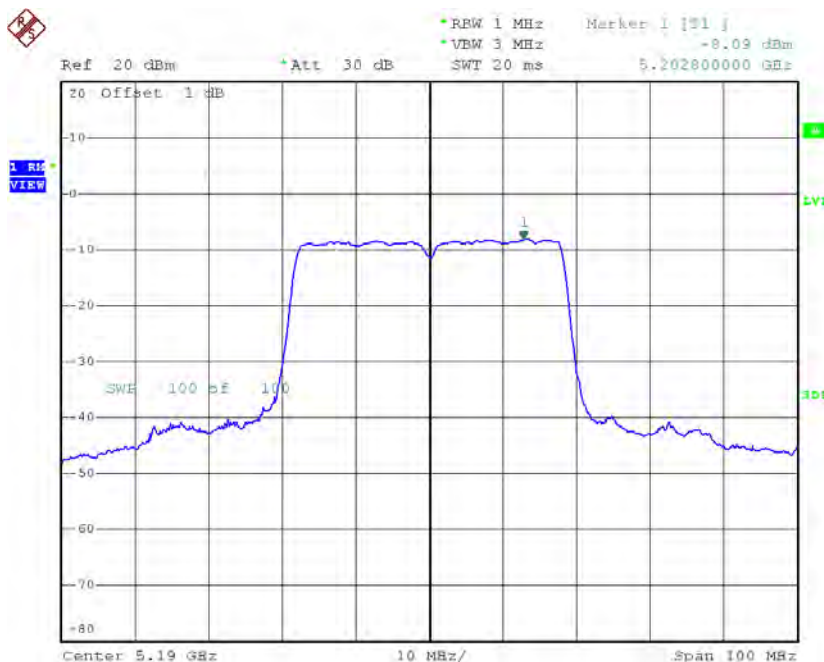
**CH48**

Date: 18.OCT.2015 16:50:17

**Test Mode: UNII-1/TX N40 Mode\_CH38/CH46\_ANT 1**

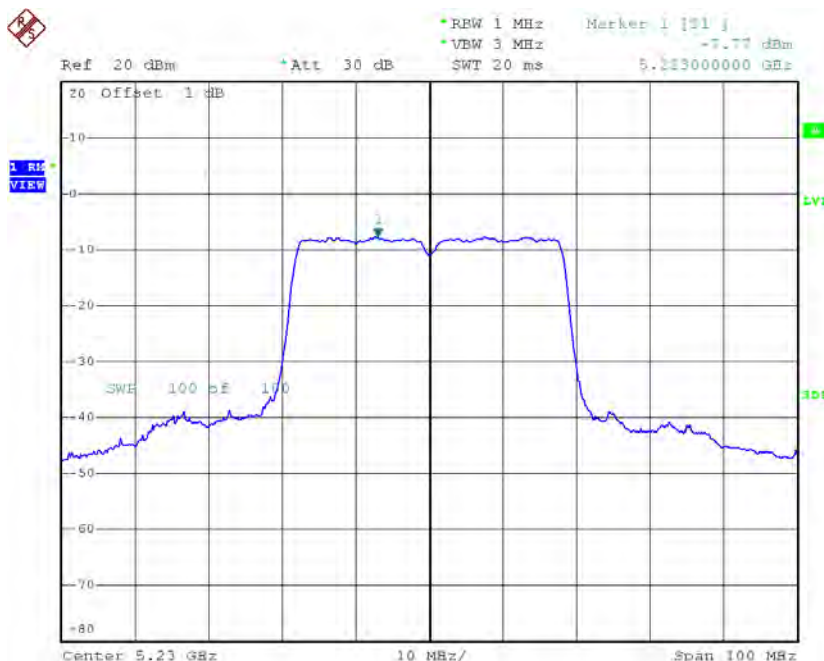
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-8.09	0.79	-7.30	11.00
CH46	5230	-7.77	0.79	-6.98	11.00

**CH38**



Date: 16.OCT.2015 18:18:46

**CH46**

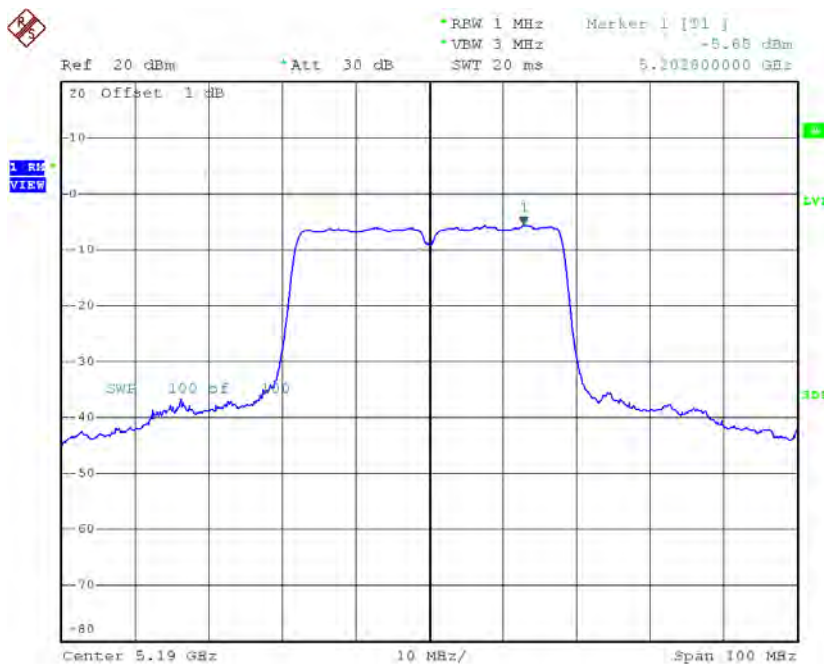


Date: 16.OCT.2015 18:20:52

**Test Mode: UNII-1/TX N40 Mode\_CH38/CH46\_ANT 2**

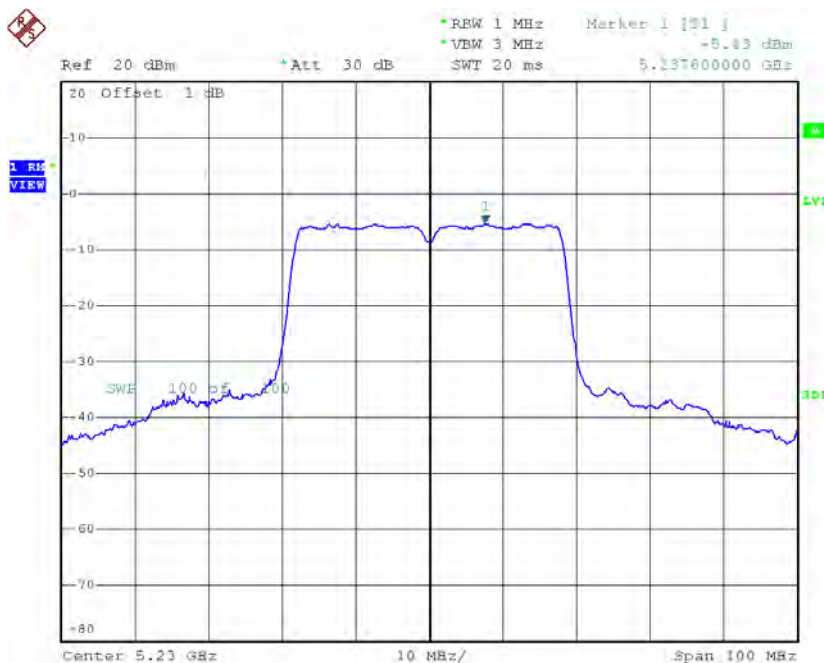
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-5.65	0.79	-4.86	11.00
CH46	5230	-5.43	0.79	-4.64	11.00

**CH38**



Date: 18.OCT.2015 16:51:40

**CH46**

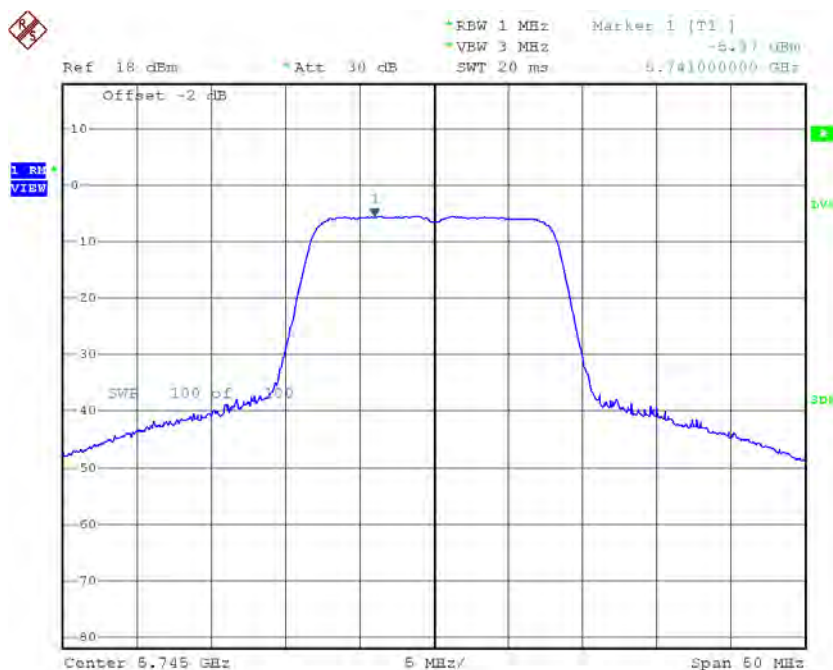


Date: 18.OCT.2015 16:56:02

**Test Mode: UNII-3/TX A Mode\_CH149/CH157/CH165\_ANT 1**

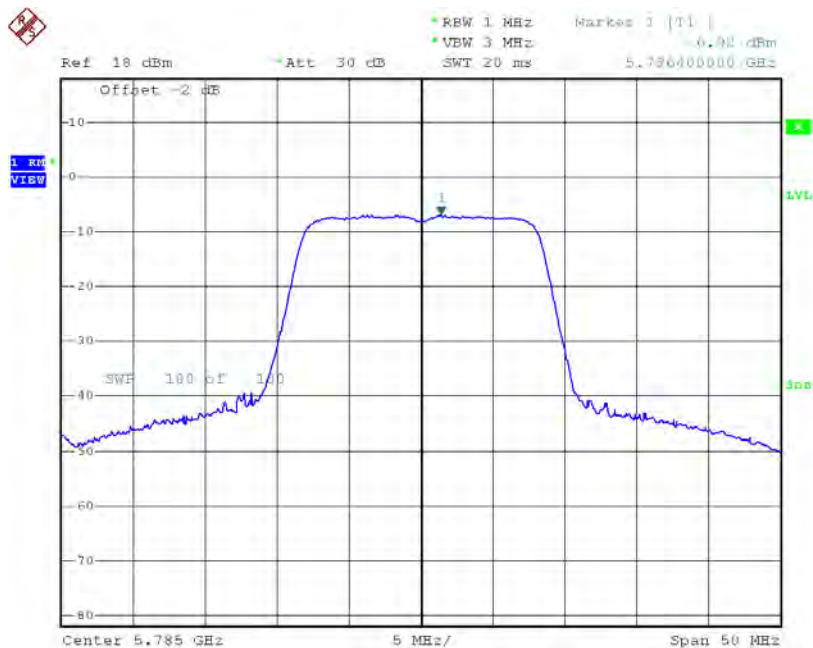
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-5.37	0.25	-5.12	30.00
CH157	5785	-6.92	0.25	-6.67	30.00
CH165	5825	-7.17	0.25	-6.92	30.00

**TX CH149**



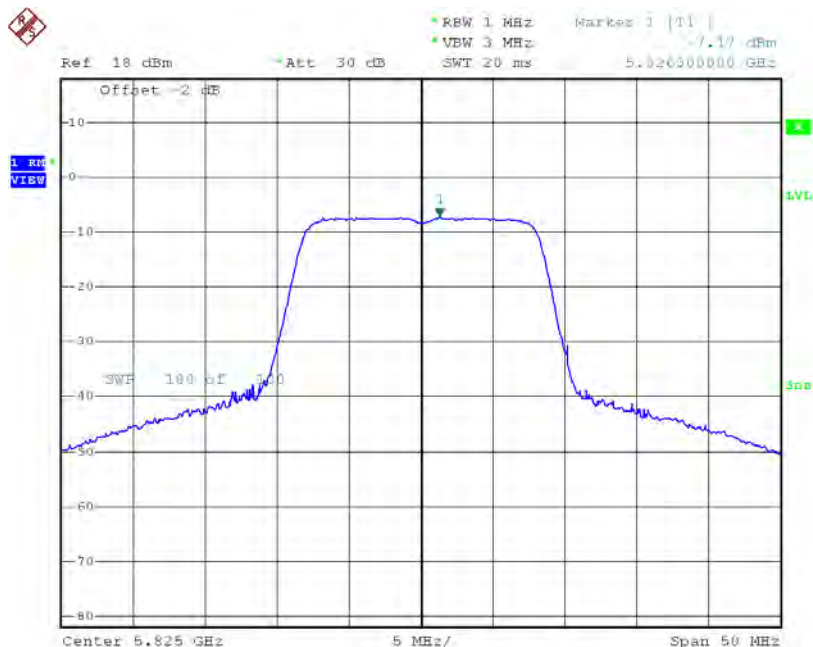
Date: 19.OCT.2015 12:15:30

### TX CH157



Date: 19.OCT.2015 12:21:38

### TX CH165

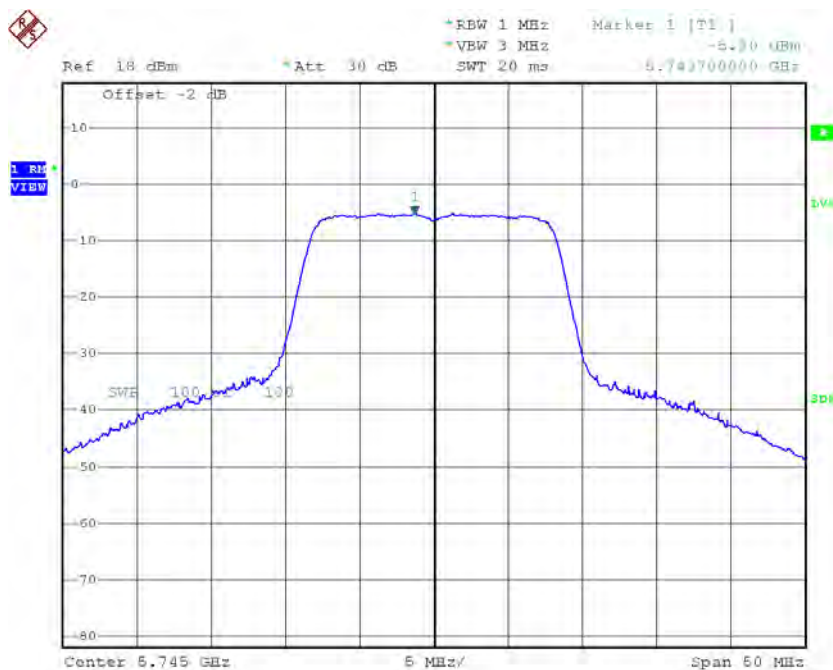


Date: 19.OCT.2015 12:22:57

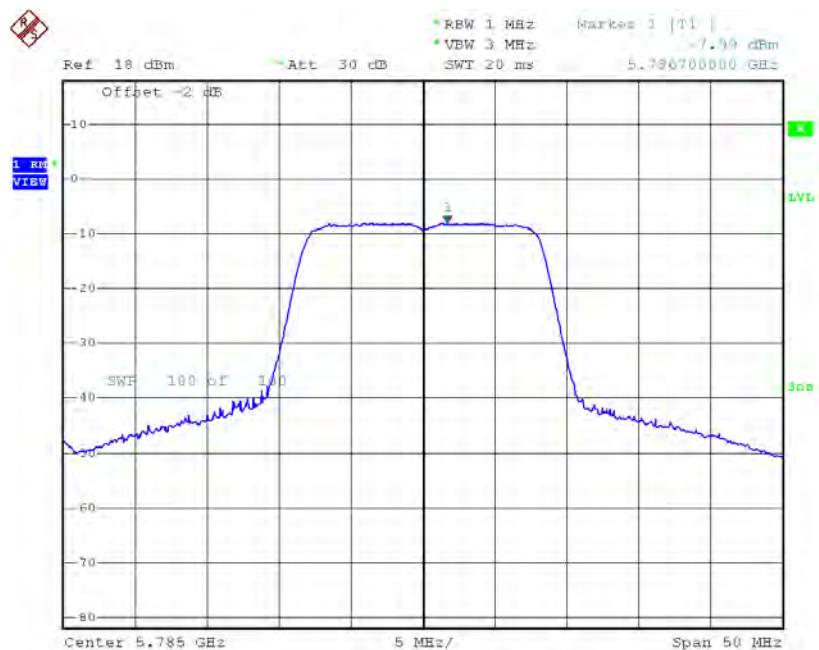
**Test Mode: UNII-3/TX A Mode\_CH149/CH157/CH165\_ANT 2**

Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-5.20	0.48	-4.72	30.00
CH157	5785	-7.99	0.48	-7.51	30.00
CH165	5825	-8.19	0.48	-7.71	30.00

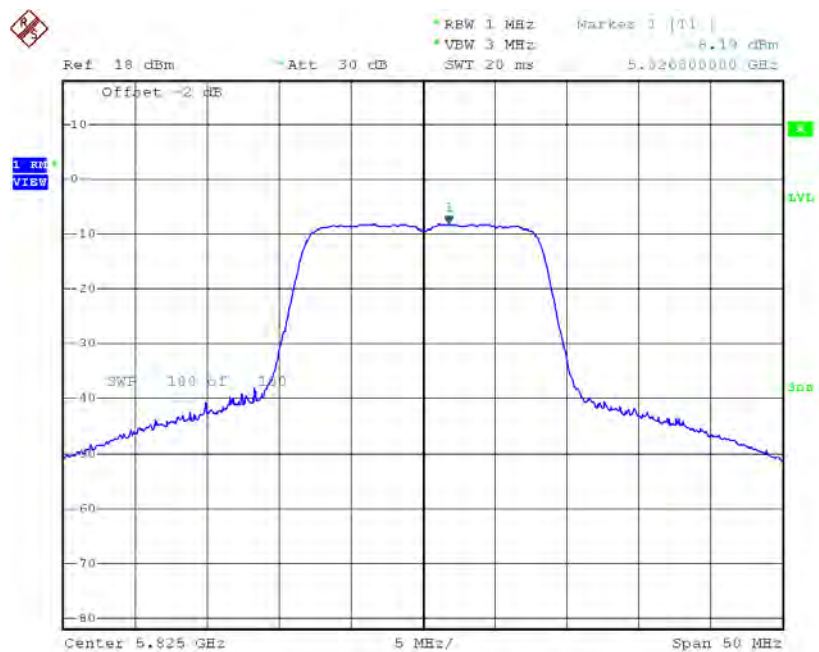
**TX CH149**



Date: 19.OCT.2015 11:31:02

**TX CH157**

Date: 19.OCT.2015 11:57:19

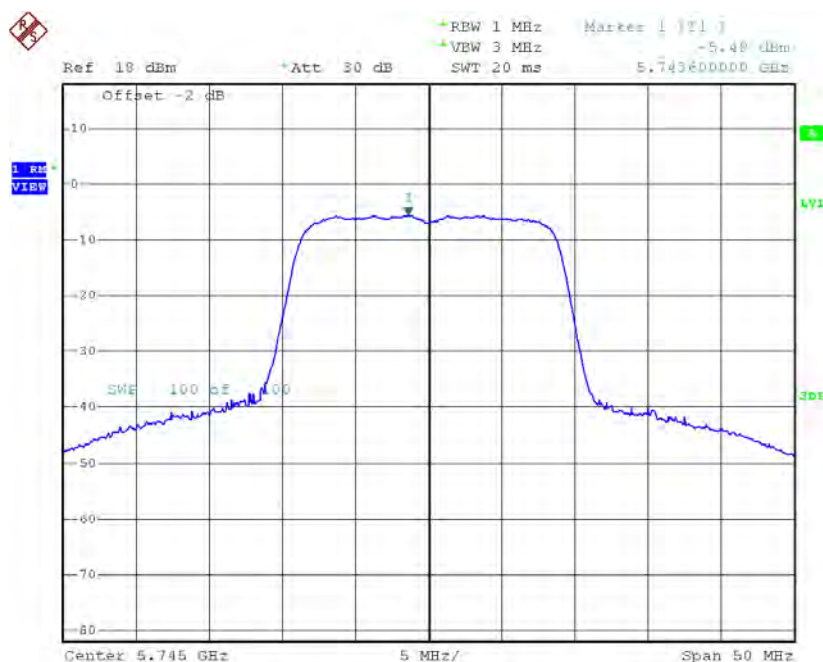
**TX CH165**

Date: 19.OCT.2015 11:58:52

**Test Mode: UNII-3/ TX N20 Mode\_CH149/CH157/CH165\_ANT 1**

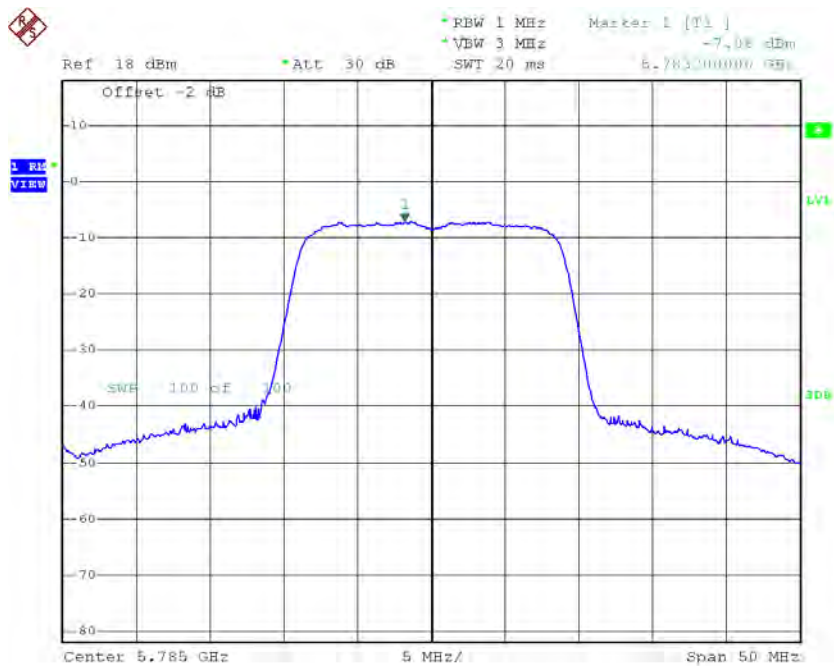
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-5.48	0.51	-4.97	30.00
CH157	5785	-7.08	0.51	-6.57	30.00
CH165	5825	-7.47	0.51	-6.96	30.00

**TX CH149**



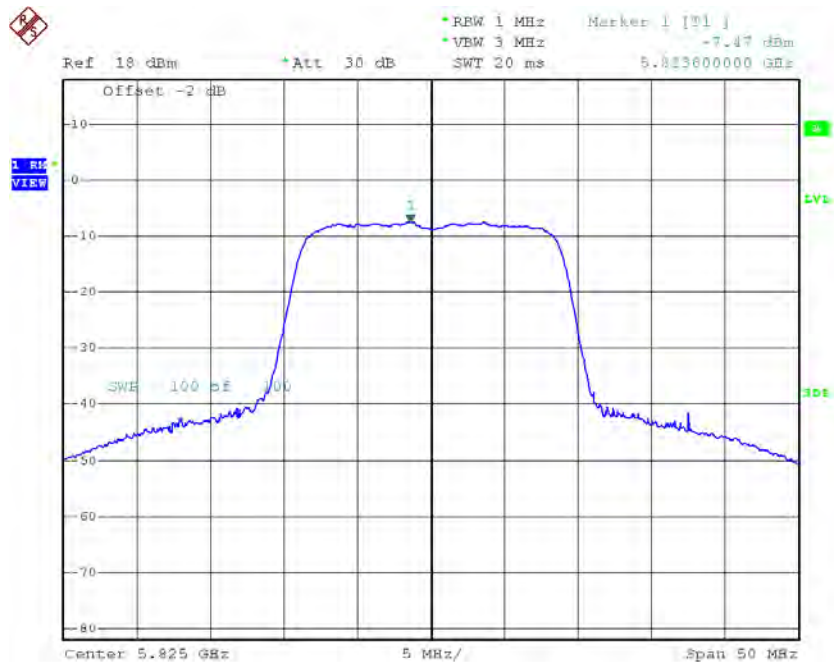
Date: 19.OCT.2015 12:24:26

### TX CH157



Date: 19.OCT.2015 12:26:07

### TX CH165

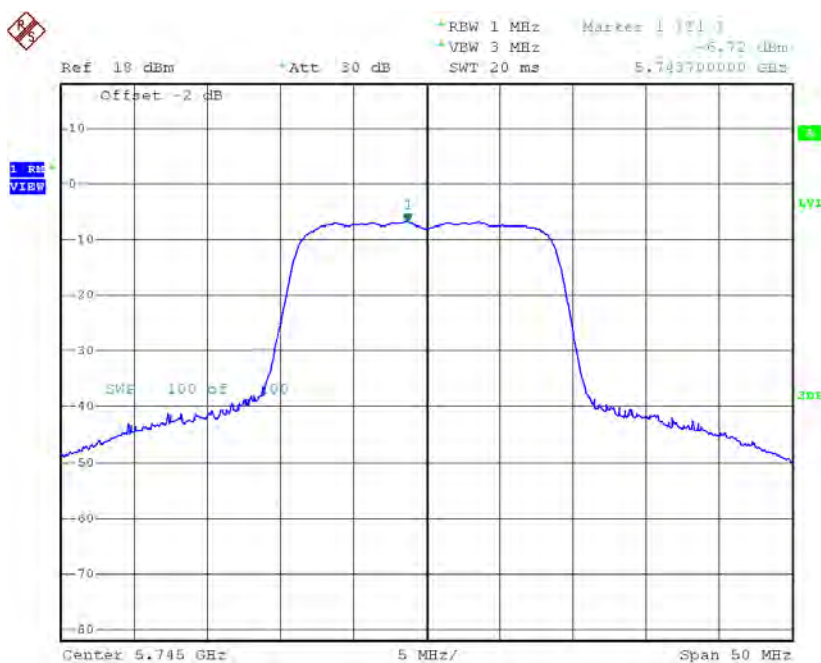


Date: 19.OCT.2015 12:27:26

**Test Mode: UNII-3/ TX N20 Mode\_CH149/CH157/CH165\_ANT 2**

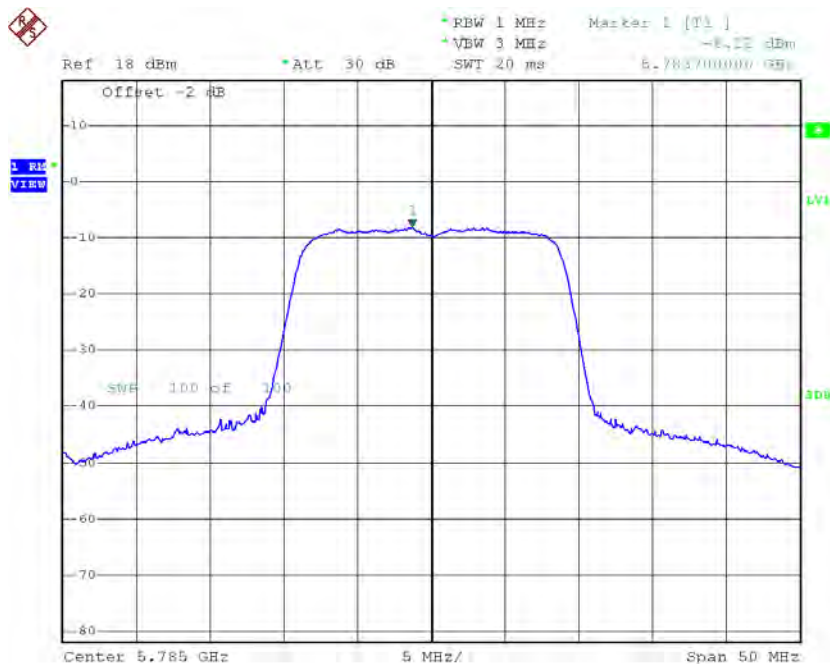
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	-6.72	0.51	-6.21	30.00
CH157	5785	-8.22	0.51	-7.71	30.00
CH165	5825	-8.22	0.51	-7.71	30.00

**TX CH149**



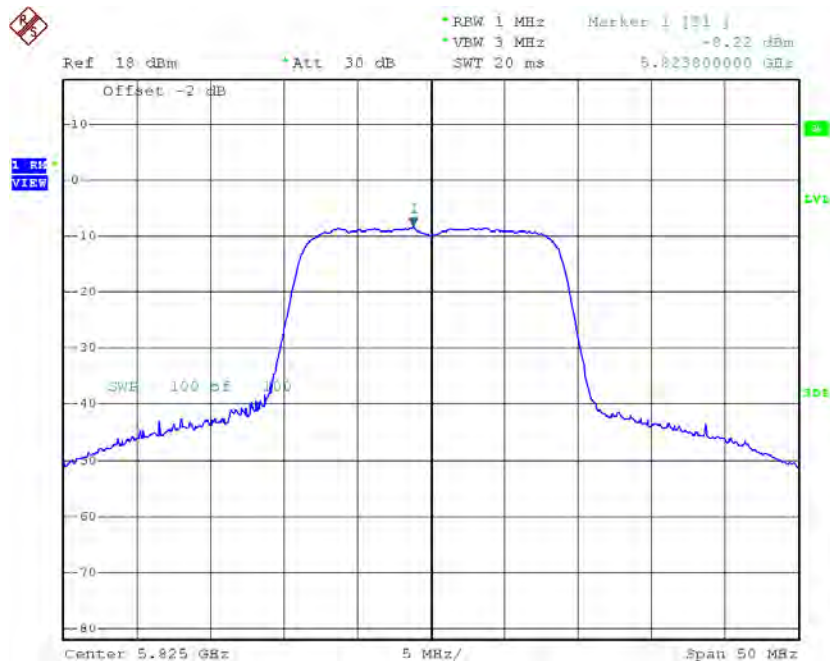
Date: 19.OCT.2015 12:02:36

### TX CH157



Date: 19.OCT.2015 12:04:17

### TX CH165

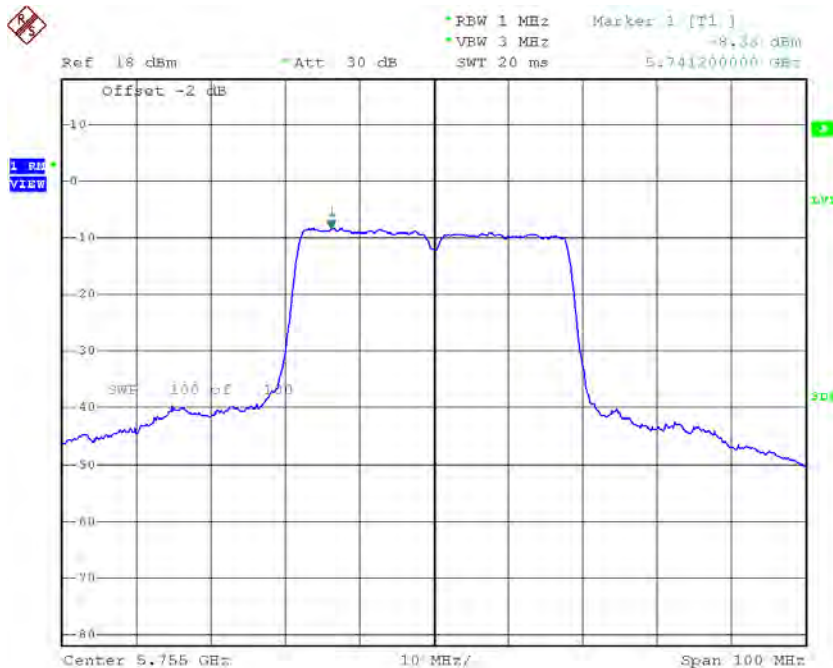


Date: 19.OCT.2015 12:05:26

**Test Mode: UNII-3/ TX N40 Mode\_CH151/CH159\_ANT 1**

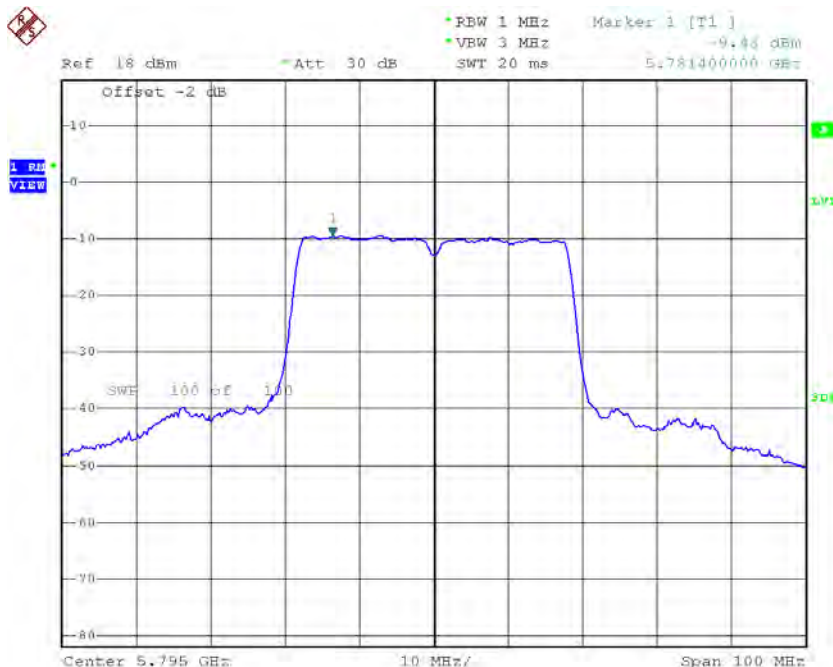
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-8.33	0.79	-7.54	30.00
CH159	5795	-9.43	0.79	-8.64	30.00

**TX CH151**



Date: 19.OCT.2015 12:13:14

**TX CH159**

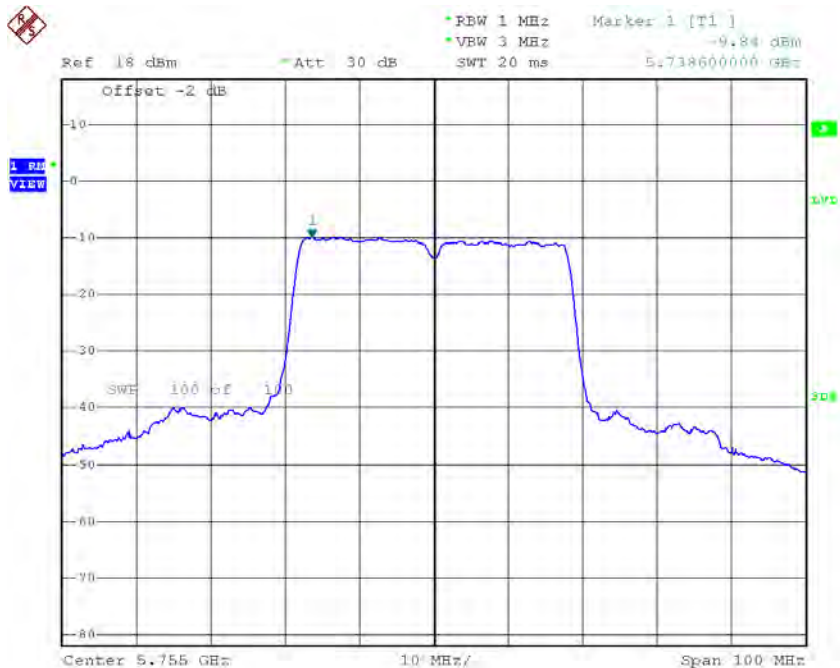


Date: 19.OCT.2015 12:14:44

**Test Mode: UNII-3/ TX N40 Mode\_CH151/CH159\_ANT 2**

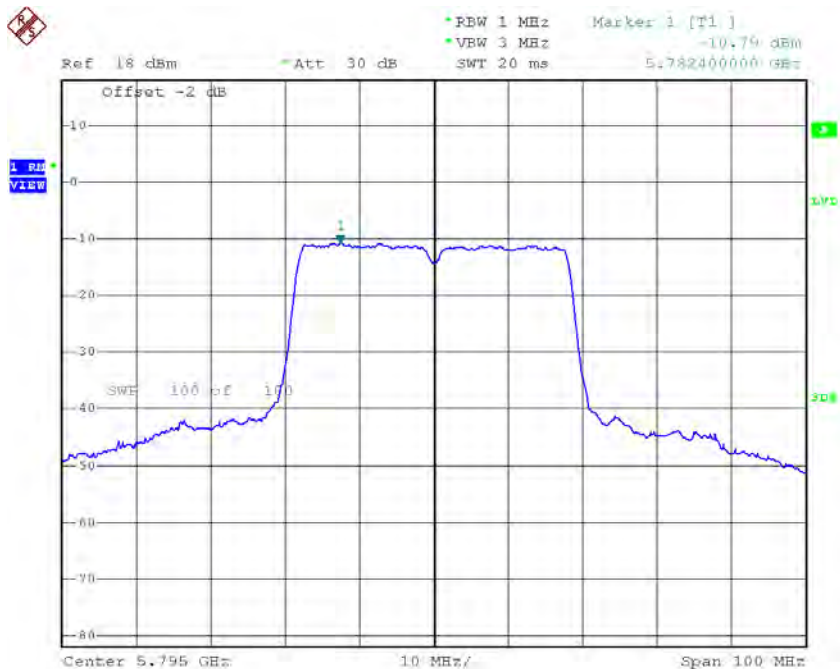
Channel	Frequency (MHz)	Power Density (dBm/500kHz)	Duty Factor (dBm/500kHz)	Power Density + Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-9.84	0.79	-9.05	30.00
CH159	5795	-10.79	0.79	-10.00	30.00

### TX CH151



Date: 19.OCT.2015 12:08:41

### TX CH159



Date: 19.OCT.2015 12:10:05

## ATTACHMENT I - FREQUENCY STABILITY

<b>Test Mode:</b>	<b>UNII-1_ANT 1</b>
-------------------	---------------------

### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0600
120	5180.0599
108	5180.0399
Max. Deviation (MHz)	0.0600
Max. Deviation (ppm)	11.5830

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
-5	5180.0550
5	5180.0400
15	5180.0550
25	5180.0550
35	5180.0599
45	5180.0550
50	5180.0400
Max. Deviation (MHz)	0.0599
Max. Deviation (ppm)	11.5637

<b>Test Mode:</b>	<b>UNII-1_ANT 2</b>
-------------------	---------------------

### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5179.9799
120	5179.9799
108	5179.9950
Max. Deviation (MHz)	0.0201
Max. Deviation (ppm)	3.8803

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5180.0000
-5	5179.9800
5	5180.0000
15	5180.0150
25	5180.0000
35	5179.9750
45	5179.9799
50	5179.9999
Max. Deviation (MHz)	0.0250
Max. Deviation (ppm)	4.8263

<b>Test Mode:</b>	UNII-3_ANT 1
-------------------	--------------

### Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0400
120	5745.0400
108	5745.0199
Max. Deviation (MHz)	0.0400
Max. Deviation (ppm)	6.9626

### Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
-5	5745.0351
5	5745.0550
15	5745.0348
25	5745.0400
35	5745.0400
45	5745.0400
50	5745.0400
Max. Deviation (MHz)	0.0550
Max. Deviation (ppm)	9.5735

<b>Test Mode:</b>	<b>UNII-3_ANT 2</b>
-------------------	---------------------

**Voltage vs. Frequency Stability**

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0150
120	5745.0400
108	5745.0199
Max. Deviation (MHz)	0.0199
Max. Deviation (ppm)	3.4639

**Temperature vs. Frequency Stability**

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
-5	5744.9999
5	5744.9999
15	5744.9999
25	5745.0350
35	5745.0150
45	5745.0150
50	5745.0199
Max. Deviation (MHz)	0.0350
Max. Deviation (ppm)	6.0923