

FCC Radio Test Report

FCC ID: XVGW420

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

Project No. : 1507C111
Equipment : 802.11ac Wi-Fi USB STB Adapter
Model Name : W420
Applicant : Amino Communications Ltd
Address : Buckingway Business Park, Anderson Road,
Swavesey, Cambridge, CB24 4UQ, UK

Date of Receipt : Jul. 09, 2015
Date of Test : Jul. 09, 2015 ~ Jul. 28, 2015
Issued Date : Jul. 29, 2015
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Declaration

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1507C111	Original Issue.	Jul. 29, 2015

1. CERTIFICATION

Equipment : 802.11ac Wi-Fi USB STB Adapter
Brand Name : 
Model Name : W420
Applicant : Amino Communications Ltd
Manufacturer : Amino Communications Ltd
Address : Buckingway Business Park, Anderson Road, Swavesey, Cambridge, CB24 4UQ, UK
Date of Test : Jul. 09, 2015 ~ Jul. 28, 2015
Test Sample : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013
FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.
FCC KDB 644545 D03 Guidance for IEEE 802.11ac v01.

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1507C111) 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)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement:

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	802.11ac Wi-Fi USB STB Adapter	
Brand Name		
Model Name	W420	
Mode Different	NA	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	900Mbps
	Output Power (Max.)for UNII-1	802.11a: 7.85dBm 802.11n (20M): 7.78dBm 802.11n (40M): 7.84dBm 802.11ac (20M): 7.88dBm 802.11ac (40M): 7.66dBm 802.11ac (80M): 7.98dBm
	Output Power (Max.)for UNII-3	802.11a: 7.31dBm 802.11n (20M): 7.44dBm 802.11n (40M): 7.40dBm 802.11ac (20M): 7.46dBm 802.11ac (40M): 7.19dBm 802.11ac (80M): 7.51dBm
Power Source	Supplied from PC USB port.	
Power Rating	DC 5V	

Note:

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

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel I	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	PCB	N/A	3	5G
2	N/A	N/A	PCB	N/A	3	5G

Note:

- (1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}** , that is Directional gain=3.
- (2) ANT 1 for 1TX is the worst case.

4.

Operating Mode TX Mode	1TX	2TX
802.11a	V (ANT 1)	-
802.11n (20MHz)	-	V (ANT 1 + ANT 2)
802.11n (40MHz)	-	V (ANT 1 + ANT 2)
802.11ac (20MHz)	-	V (ANT 1 + ANT 2)
802.11ac (40MHz)	-	V (ANT 1 + ANT 2)
802.11ac (80MHz)	-	V (ANT 1 + ANT 2)

3.2 DESCRIPTION OF TEST MODES

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

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

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

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

Note:

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1			
Test Software Version	MTool_2.0.0.6		
Frequency (MHz)	5180	5200	5240
A Mode	27	27	27

UNII-1			
Test Software Version	MTool_2.0.0.6		
Frequency (MHz)	5180	5200	5240
N20 Mode	20	20	21
Frequency (MHz)	5190	5230	
N40 Mode	21	21	

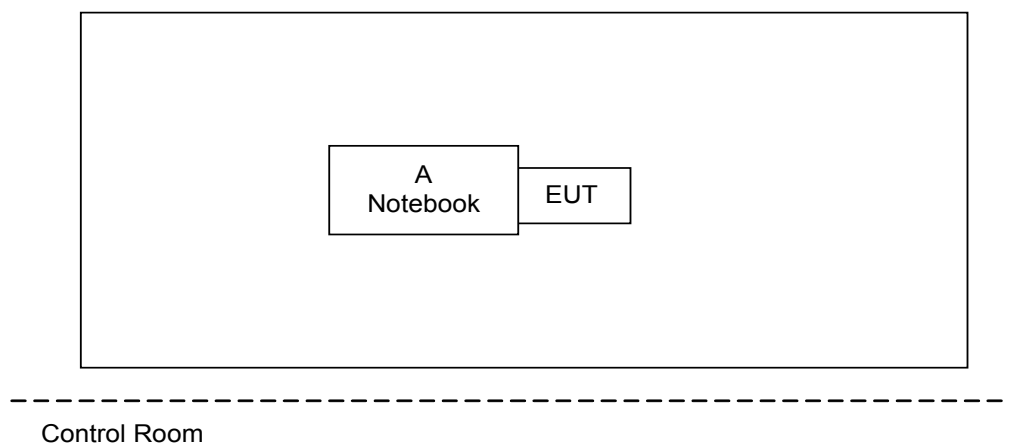
UNII-1			
Test Software Version	MTool_2.0.0.6		
Frequency (MHz)	5180	5200	5240
AC20 Mode	21	22	22
Frequency (MHz)	5190	5230	
AC40 Mode	22	22	
Frequency (MHz)	5210		
AC80 Mode	26		

UNII-3			
Test Software Version	MTool_2.0.0.6		
Frequency (MHz)	5745	5785	5825
A Mode	27	27	28

UNII-3			
Test Software Version	MTool_2.0.0.6		
Frequency (MHz)	5745	5785	5825
N20 Mode	26	26	27
Frequency (MHz)	5755	5795	
N40 Mode	27	27	

UNII-3			
Test Software Version	MTool_2.0.0.6		
Frequency (MHz)	5745	5785	5825
AC20 Mode	28	28	29
Frequency (MHz)	5755	5795	
AC40 Mode	27	27	
Frequency (MHz)	5775		
AC80 Mode	31		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
A	Notebook	DELL	Inspiron 14-3437	DOC	N/A	

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

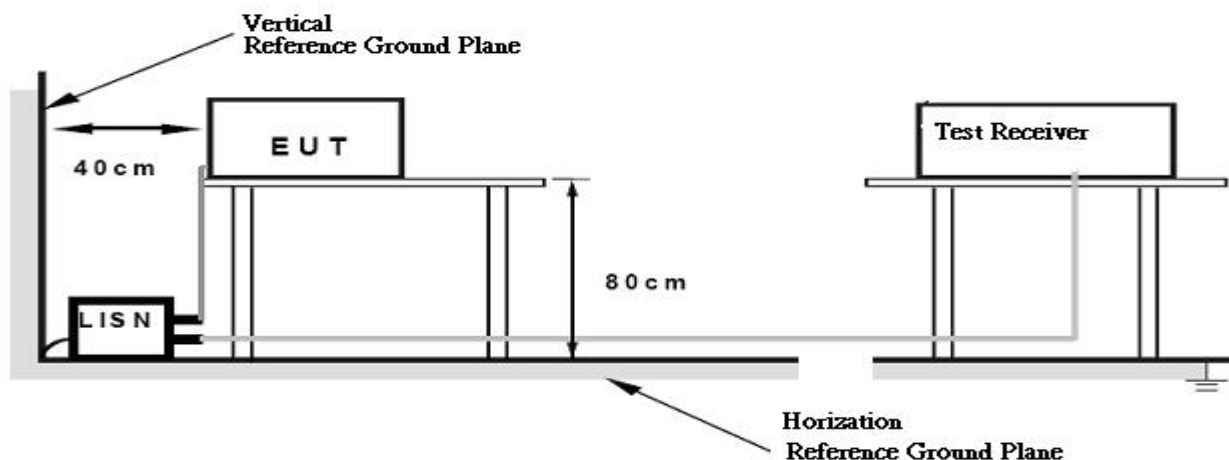
4.1.2 TEST PROCEDURE

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

Frequencies (MHz)	Field Strength (microvolts/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: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

4.2.2 TEST PROCEDURE

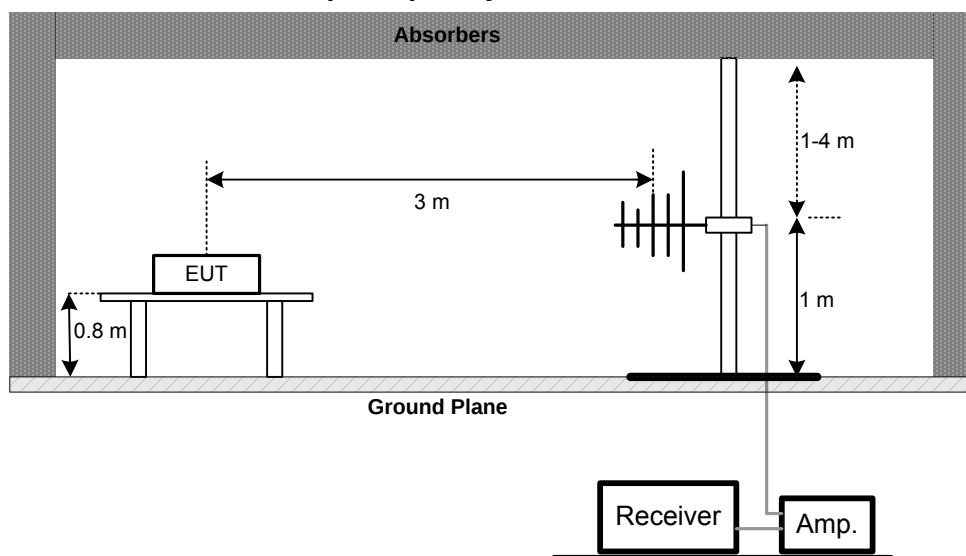
- The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated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

4.2.3 DEVIATION FROM TEST STANDARD

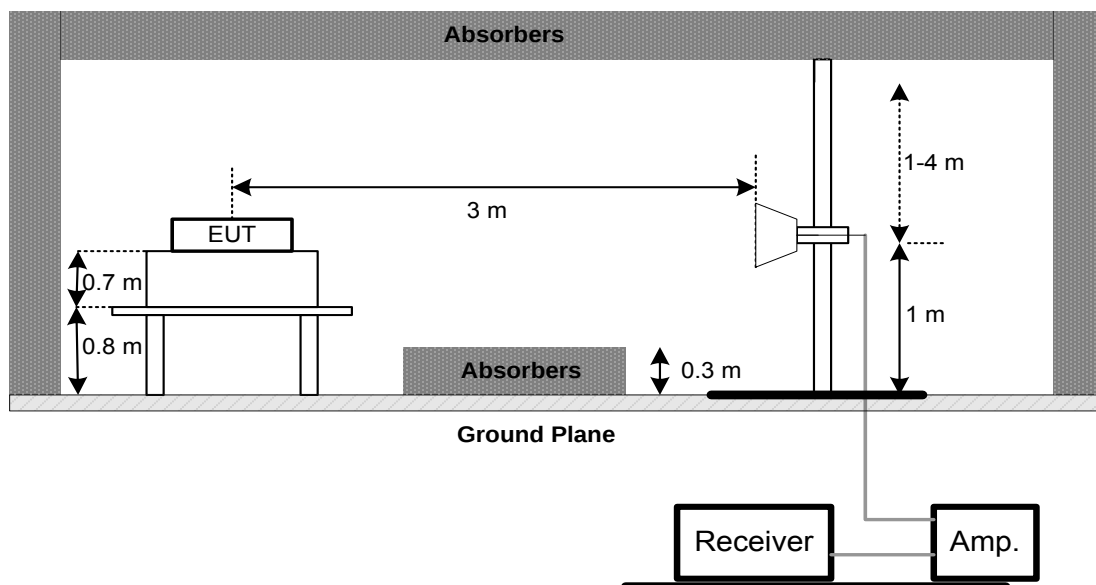
No deviation

4.2.4 TEST SETUP

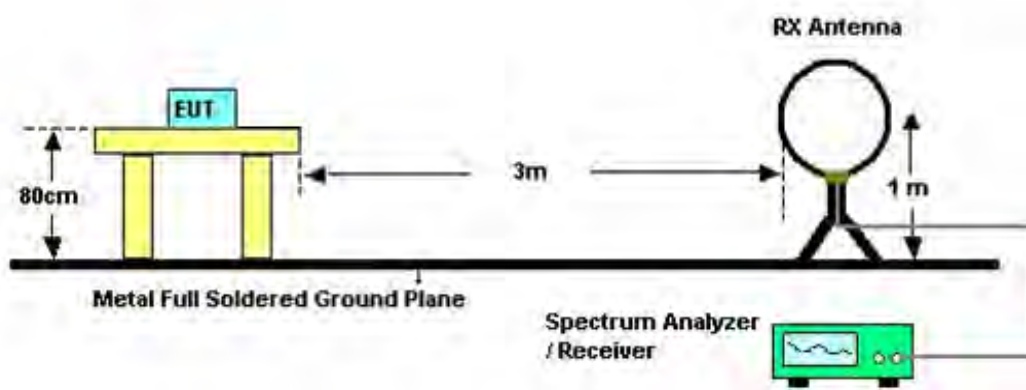
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

Temperature: 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.

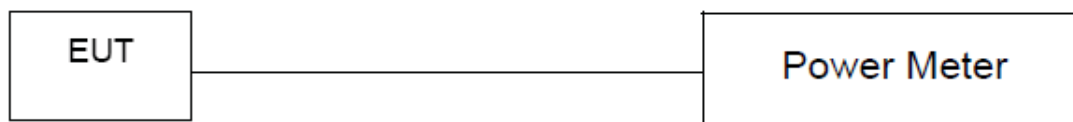
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	$\geq$ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

- 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:

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

9.1.1 TEST PROCEDURE

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

b.

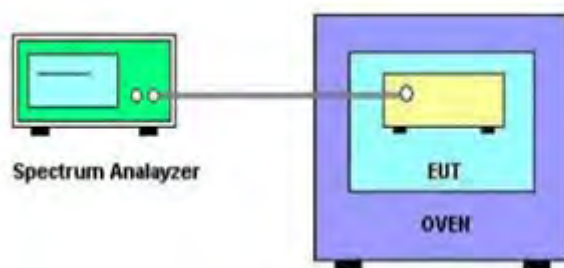
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- d. User manual temperature is 0°C~40°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

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

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz-30MHz)	C_17	Mar. 13, 2016
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 17, 2015
3	Receiver	AGILENT	N9038A	MY5213003 ₉	Sep. 30, 2015
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 28, 2016
7	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
8	Receiver	AGILENT	N9038A	MY5213003 ₉	Sep. 30, 2015
9	Test Cable	emci	EMC104-SM-SM-10000(1GHz-26.5GHz)	C-68	Jun. 28, 2016
10	Controller	CT	SC100	N/A	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 16, 2015
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

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

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

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

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015
2	Const Temp. & Humidity Chamber	Giant Force	ITH-1200-40-CP-AR	IAA1210-003	Aug.01, 2015

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

All calibration period of equipment list is one year.

11. EUT TEST PHOTOS

Conducted Measurement Photos



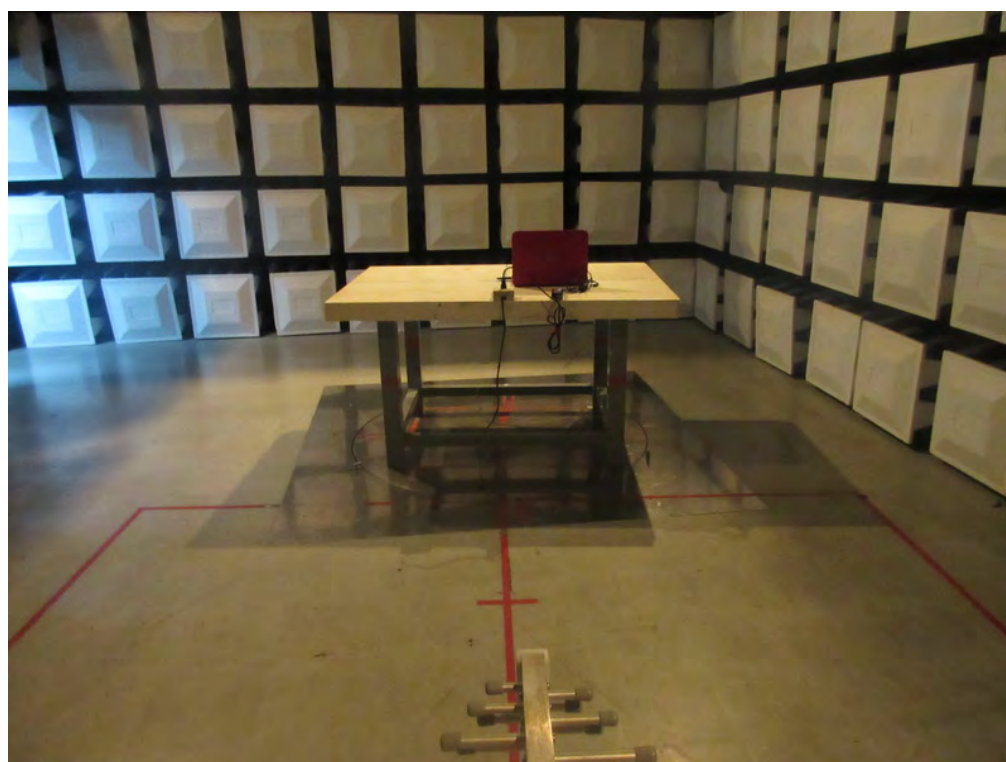
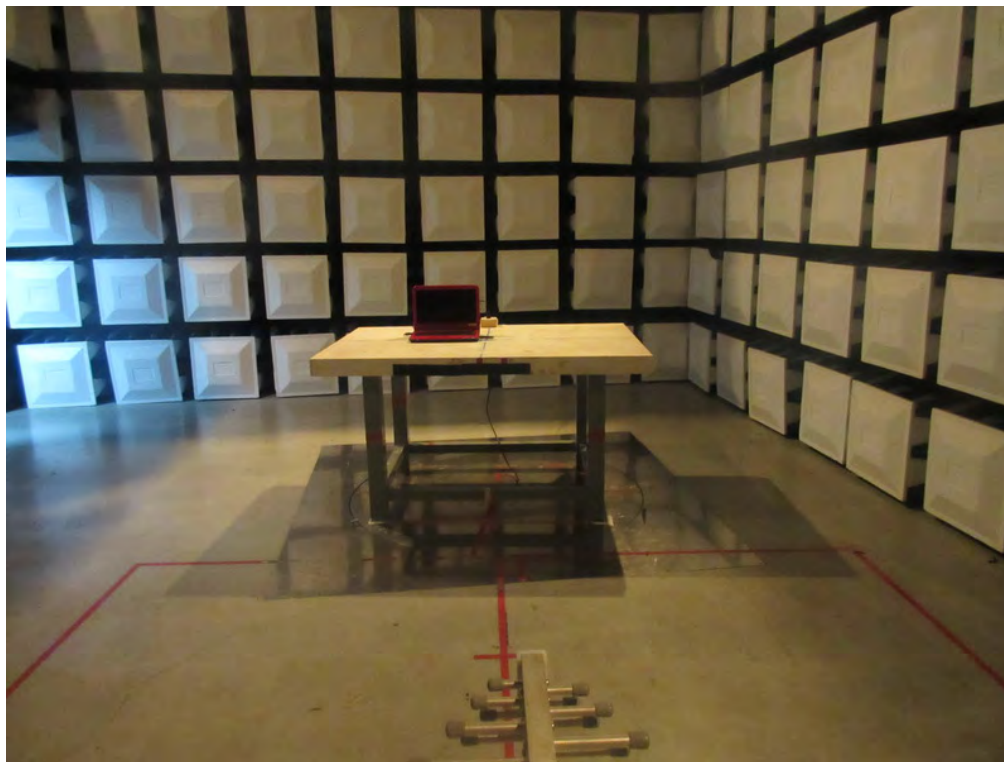
Radiated Measurement Photos

9KHz to 30MHz



Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

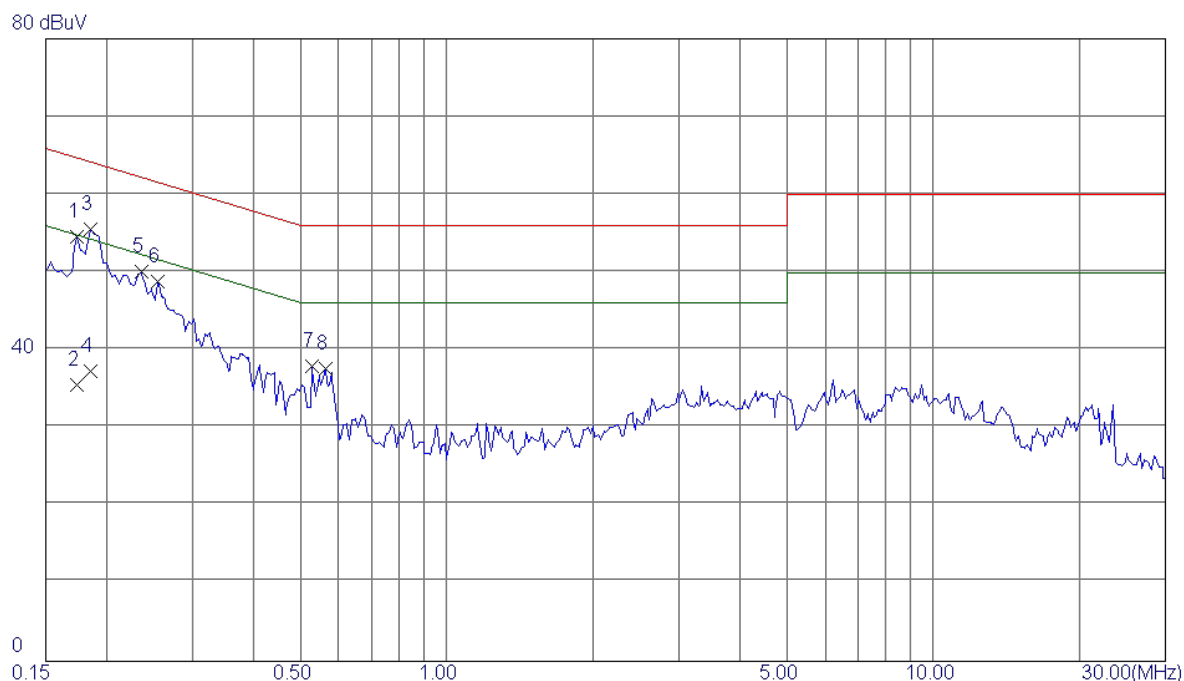
Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE

Line

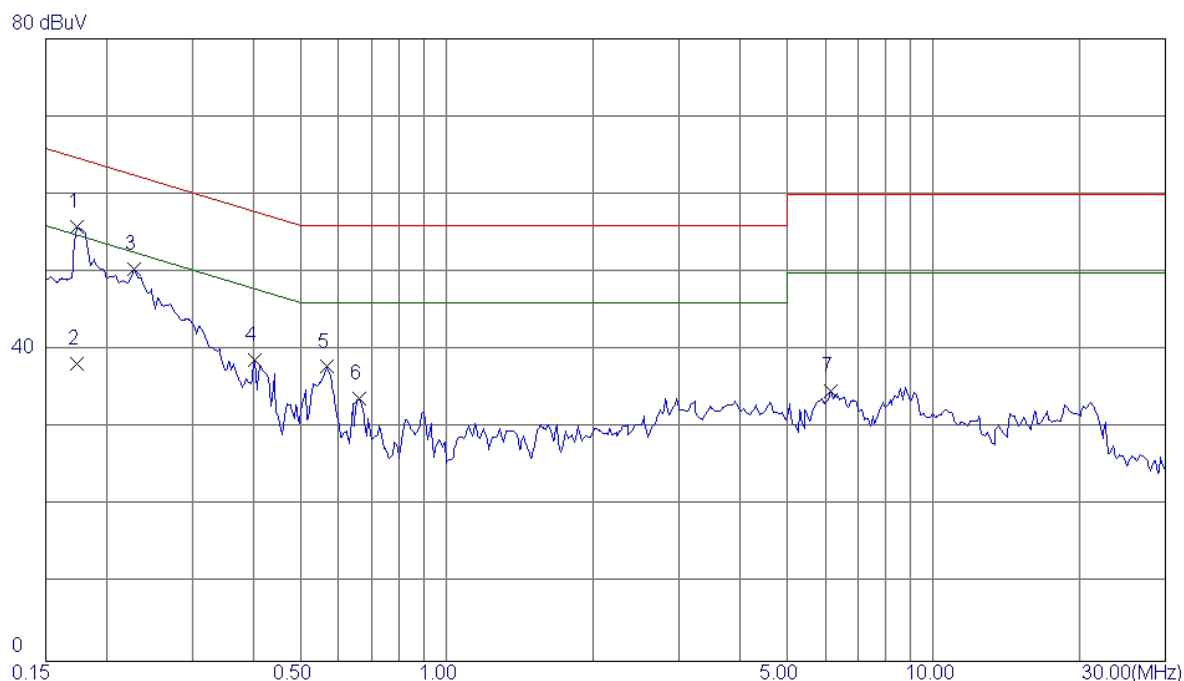


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1734	45.04	9.56	54.60	64.80	-10.20	Peak	
2	0.1734	26.00	9.56	35.56	54.80	-19.24	AVG	
3	0.1852	45.90	9.56	55.46	64.25	-8.79	Peak	
4	0.1852	27.71	9.56	37.27	54.25	-16.98	AVG	
5	0.2359	40.53	9.60	50.13	62.24	-12.11	Peak	
6	0.2555	39.16	9.62	48.78	61.58	-12.80	Peak	
7	0.5289	28.20	9.69	37.89	56.00	-18.11	Peak	
8	0.5641	27.97	9.70	37.67	56.00	-18.33	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1734	46.36	9.48	55.84	64.80	-8.96	Peak	
2	0.1734	28.80	9.48	38.28	54.80	-16.52	AVG	
3	0.2281	40.83	9.51	50.34	62.52	-12.18	Peak	
4	0.4040	29.24	9.53	38.77	57.77	-19.00	Peak	
5	0.5680	28.28	9.56	37.84	56.00	-18.16	Peak	
6	0.6617	24.20	9.54	33.74	56.00	-22.26	Peak	
7	6.1445	24.88	9.87	34.75	60.00	-25.25	Peak	

Note : The test result has included the cable loss.

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

Test Mode:	TX MODE
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Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0161	0°	13.53	24.5470	38.0770	123.4677	-85.3907	AVG
0.0161	0°	14.73	24.5470	39.2770	143.4677	-104.1907	PEAK
0.0373	0°	6.91	23.2043	30.1143	116.1700	-86.0557	AVG
0.0373	0°	7.72	23.2043	30.9243	136.1700	-105.2457	PEAK
0.0396	0°	3.91	23.0587	26.9687	115.6503	-88.6817	AVG
0.0396	0°	5.64	23.0587	28.6987	135.6503	-106.9517	PEAK
0.0482	0°	0.89	22.5140	23.4040	113.9433	-90.5393	AVG
0.0482	0°	3.24	22.5140	25.7540	133.9433	-108.1893	PEAK
2.0673	0°	30.73	19.4596	50.1896	69.5400	-19.3504	QP
3.3673	0°	21.83	18.9367	40.7667	69.5400	-28.7733	QP

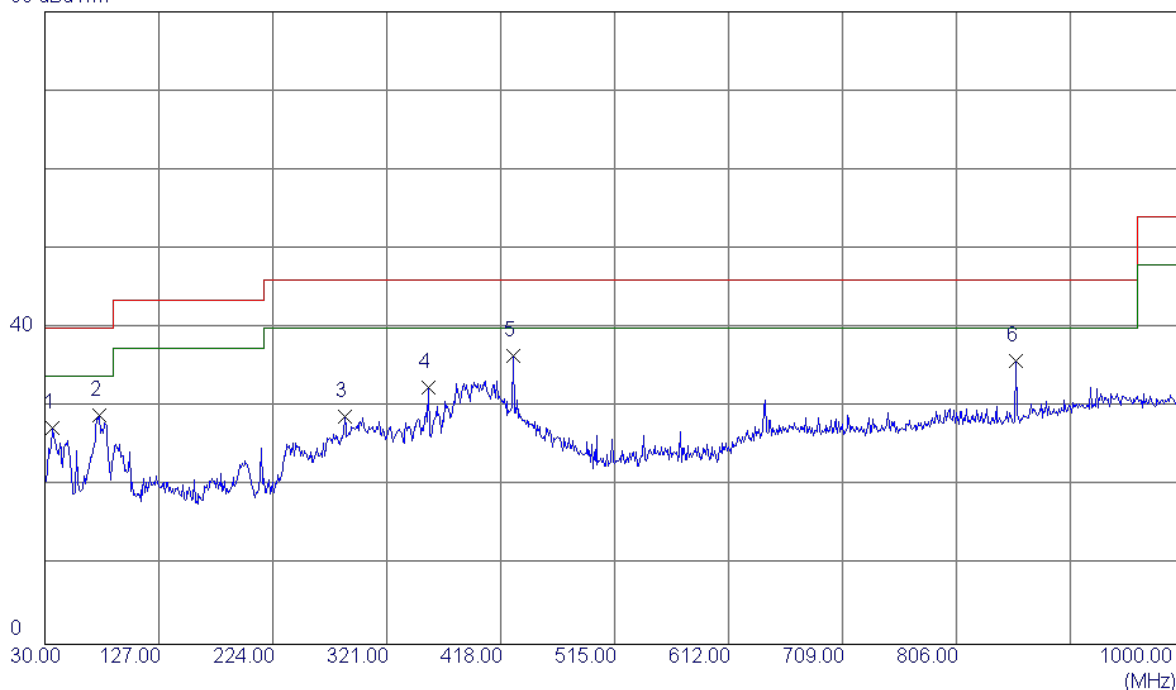
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0162	90°	13.38	24.3000	37.6800	123.4139	-85.7339	AVG
0.0162	90°	14.71	24.3000	39.0100	143.4139	-104.4039	PEAK
0.0375	90°	6.52	23.1917	29.7117	116.1236	-86.4119	AVG
0.0375	90°	8.93	23.1917	32.1217	136.1236	-104.0019	PEAK
0.0391	90°	3.63	23.0903	26.7203	115.7607	-89.0404	AVG
0.0391	90°	5.67	23.0903	28.7603	135.7607	-107.0004	PEAK
0.0692	90°	0.84	22.0160	22.8560	110.8021	-87.9461	AVG
0.0692	90°	2.93	22.0160	24.9460	130.8021	-105.8561	PEAK
2.0582	90°	30.82	19.4651	50.2851	69.5400	-19.2549	QP
3.2491	90°	21.65	18.9249	40.5749	69.5400	-28.9651	QP

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

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

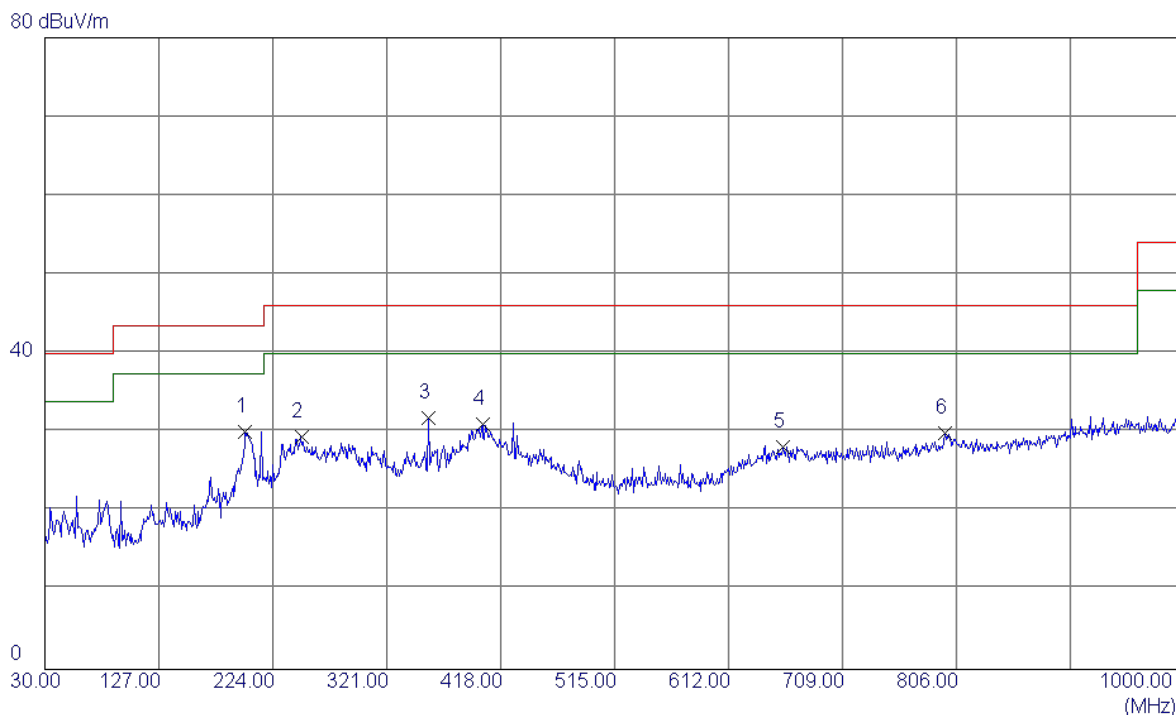
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	36.7900	40.45	-13.02	27.43	40.00	-12.57	Peak	
2	76.5600	44.40	-15.39	29.01	40.00	-10.99	Peak	
3	285.1099	39.20	-10.43	28.77	46.00	-17.23	Peak	
4	356.8900	41.97	-9.56	32.41	46.00	-13.59	Peak	
5	428.6700	42.96	-6.48	36.48	46.00	-9.52	Peak	
6	856.4400	35.49	0.32	35.81	46.00	-10.19	Peak	

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

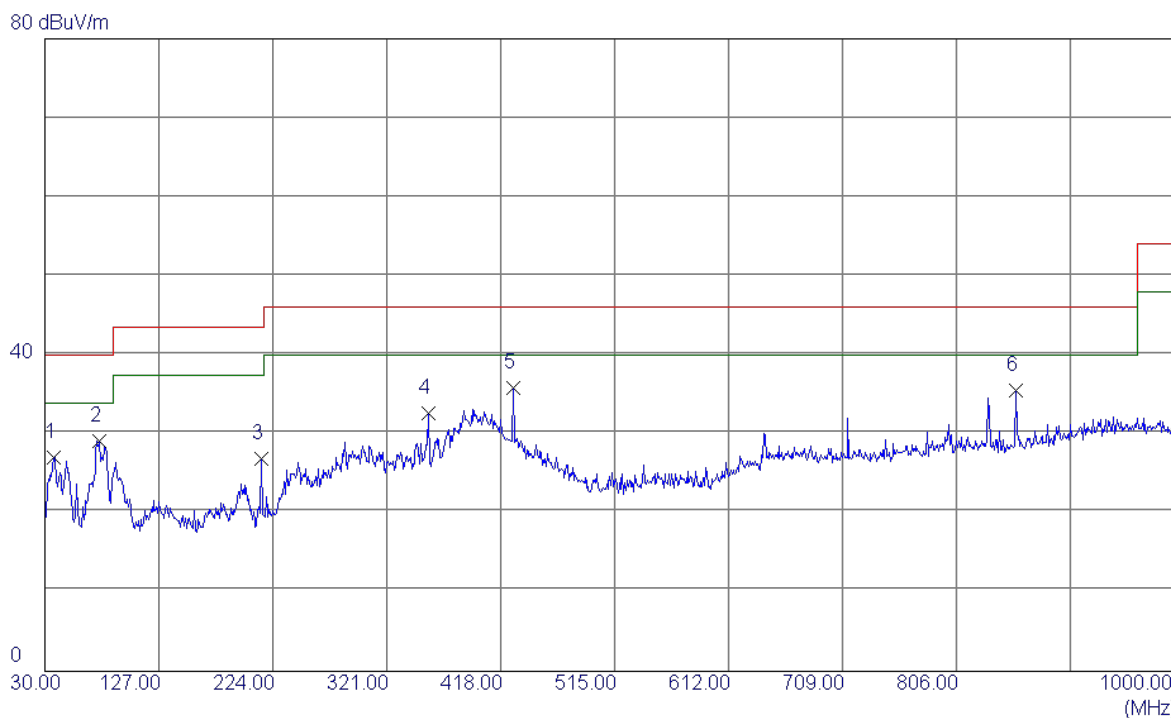
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	200.7200	43.64	-13.58	30.06	43.50	-13.44	Peak	
2	248.2500	42.01	-12.62	29.39	46.00	-16.61	Peak	
3	356.8900	41.41	-9.56	31.85	46.00	-14.15	Peak	
4	402.4800	38.25	-7.20	31.05	46.00	-14.95	Peak	
5	658.5600	29.84	-1.61	28.23	46.00	-17.77	Peak	
6	796.3000	29.89	0.04	29.93	46.00	-16.07	Peak	

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

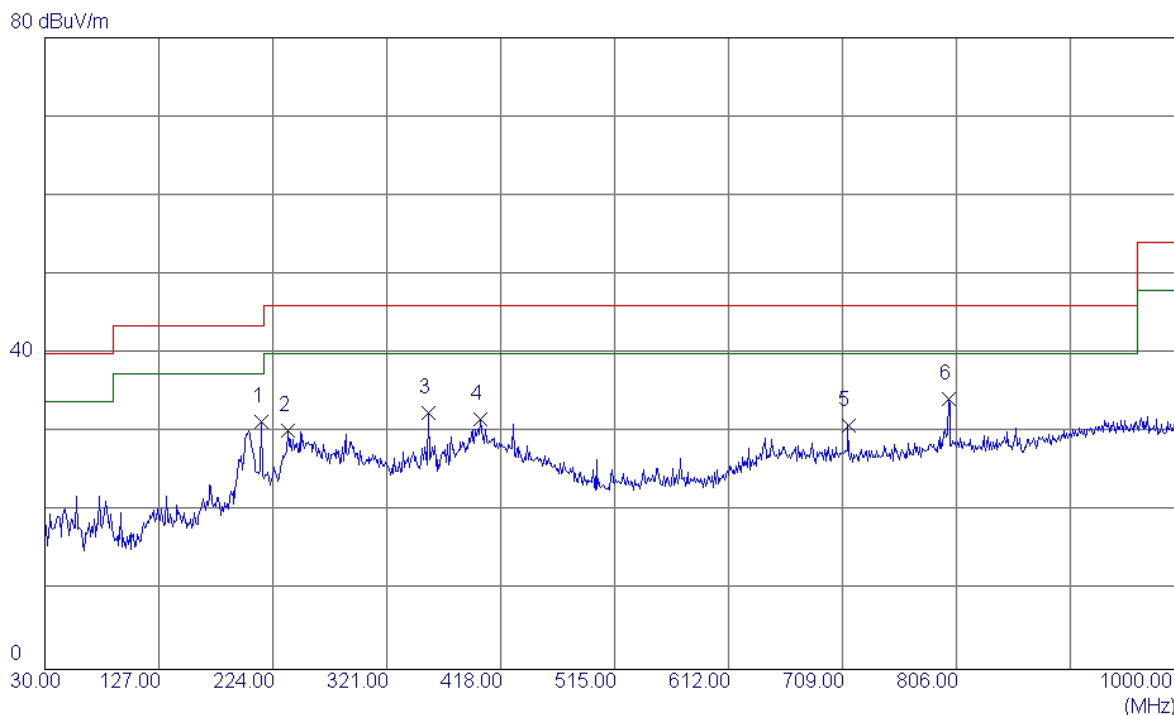
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	37.7599	40.07	-12.96	27.11	40.00	-12.89	Peak	
2	76.5600	44.53	-15.39	29.14	40.00	-10.86	Peak	
3	214.3000	40.40	-13.58	26.82	43.50	-16.68	Peak	
4	356.8900	42.20	-9.56	32.64	46.00	-13.36	Peak	
5	428.6700	42.26	-6.48	35.78	46.00	-10.22	Peak	
6	856.4400	35.22	0.32	35.54	46.00	-10.46	Peak	

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

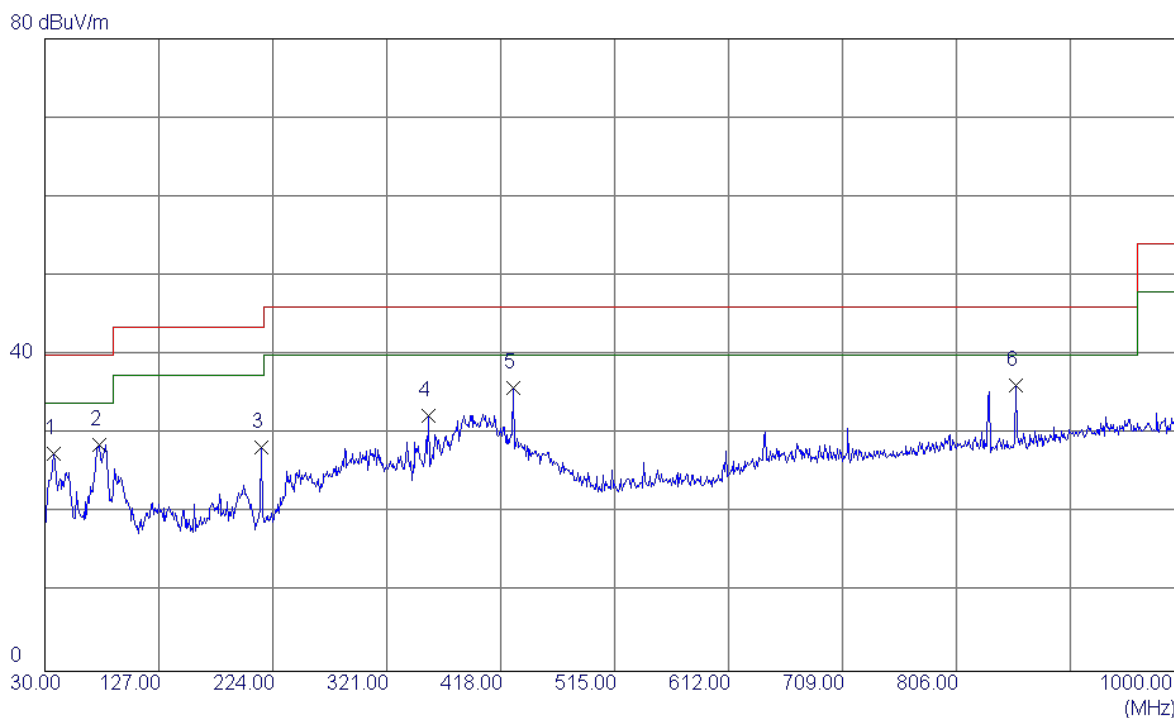
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	214.3000	44.89	-13.58	31.31	43.50	-12.19	Peak	
2	236.6100	42.69	-12.52	30.17	46.00	-15.83	Peak	
3	356.8900	42.05	-9.56	32.49	46.00	-13.51	Peak	
4	400.5400	38.86	-7.25	31.61	46.00	-14.39	Peak	
5	713.8500	32.36	-1.46	30.90	46.00	-15.10	Peak	
6	799.2100	34.12	0.14	34.26	46.00	-11.74	Peak	

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

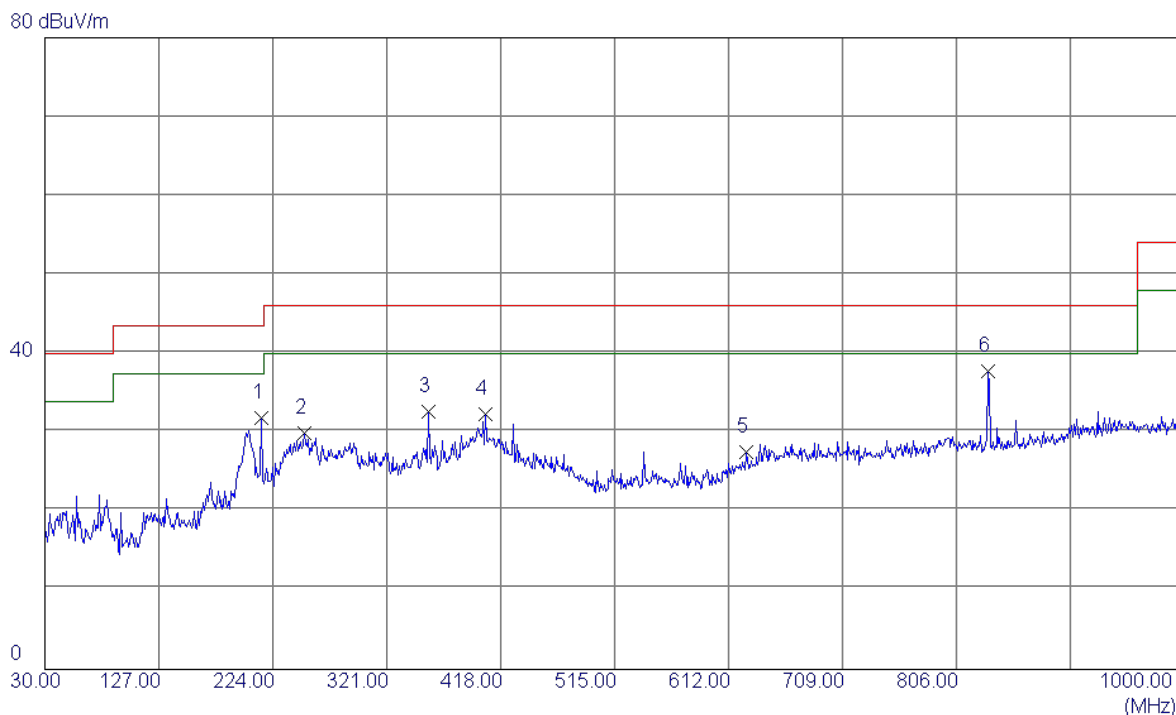
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	37.7599	40.55	-12.96	27.59	40.00	-12.41	Peak	
2	76.5600	43.98	-15.39	28.59	40.00	-11.41	Peak	
3	214.3000	41.95	-13.58	28.37	43.50	-15.13	Peak	
4	356.8900	41.94	-9.56	32.38	46.00	-13.62	Peak	
5	428.6700	42.27	-6.48	35.79	46.00	-10.21	Peak	
6	856.4400	35.79	0.32	36.11	46.00	-9.89	Peak	

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

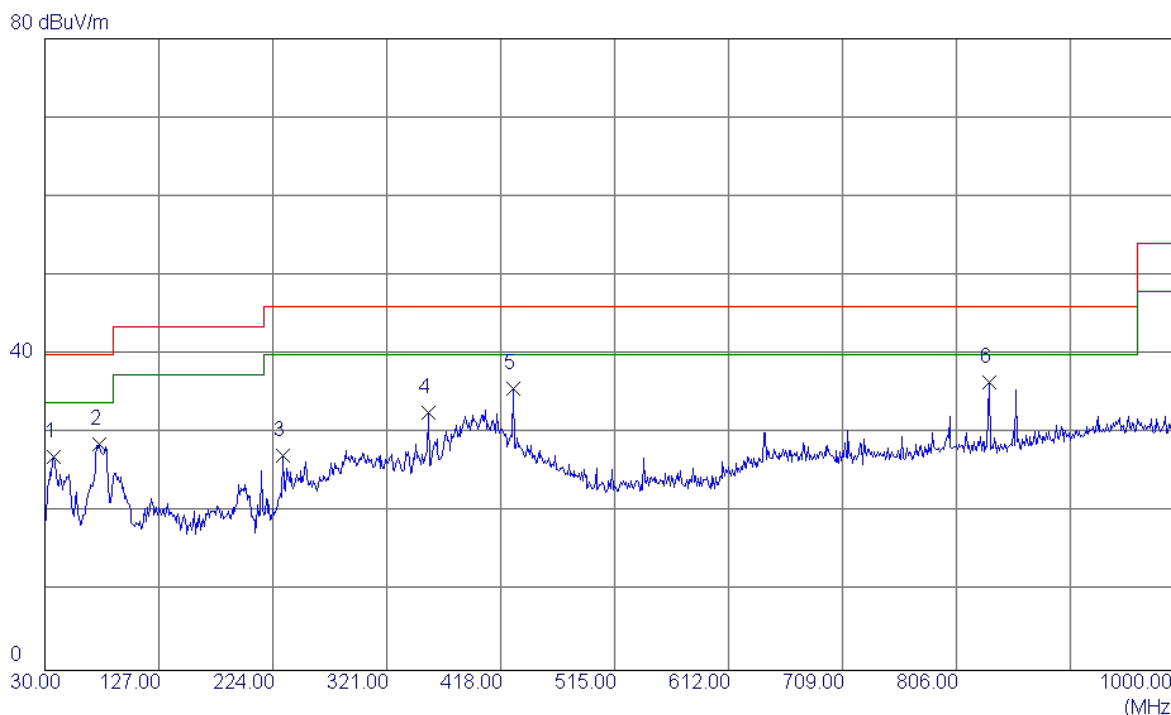
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	214.3000	45.42	-13.58	31.84	43.50	-11.66	Peak	
2	251.1600	42.57	-12.67	29.90	46.00	-16.10	Peak	
3	356.8900	42.15	-9.56	32.59	46.00	-13.41	Peak	
4	405.3900	39.49	-7.12	32.37	46.00	-13.63	Peak	
5	627.5200	30.45	-2.99	27.46	46.00	-18.54	Peak	
6	833.1599	37.62	0.13	37.75	46.00	-8.25	Peak	

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

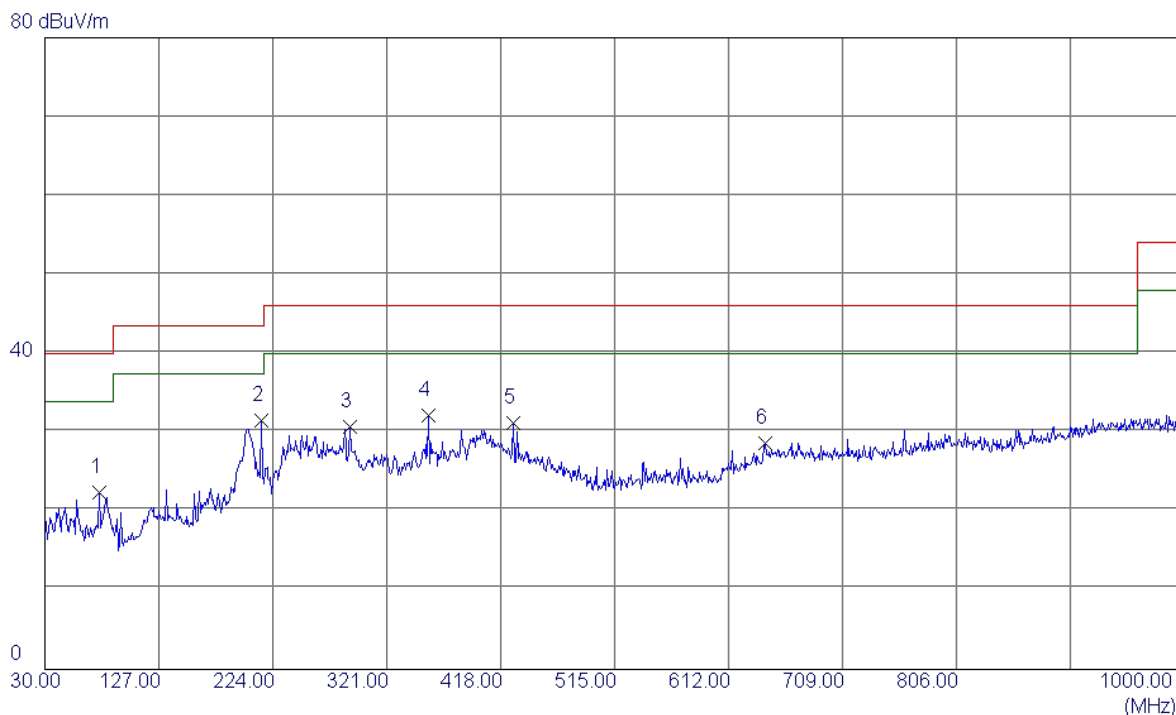
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	37.7599	40.01	-12.96	27.05	40.00	-12.95	Peak	
2	76.5600	43.99	-15.39	28.60	40.00	-11.40	Peak	
3	232.7300	39.80	-12.66	27.14	46.00	-18.86	Peak	
4	356.8900	42.24	-9.56	32.68	46.00	-13.32	Peak	
5	428.6700	42.12	-6.48	35.64	46.00	-10.36	Peak	
6	834.1300	36.41	0.13	36.54	46.00	-9.46	Peak	

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

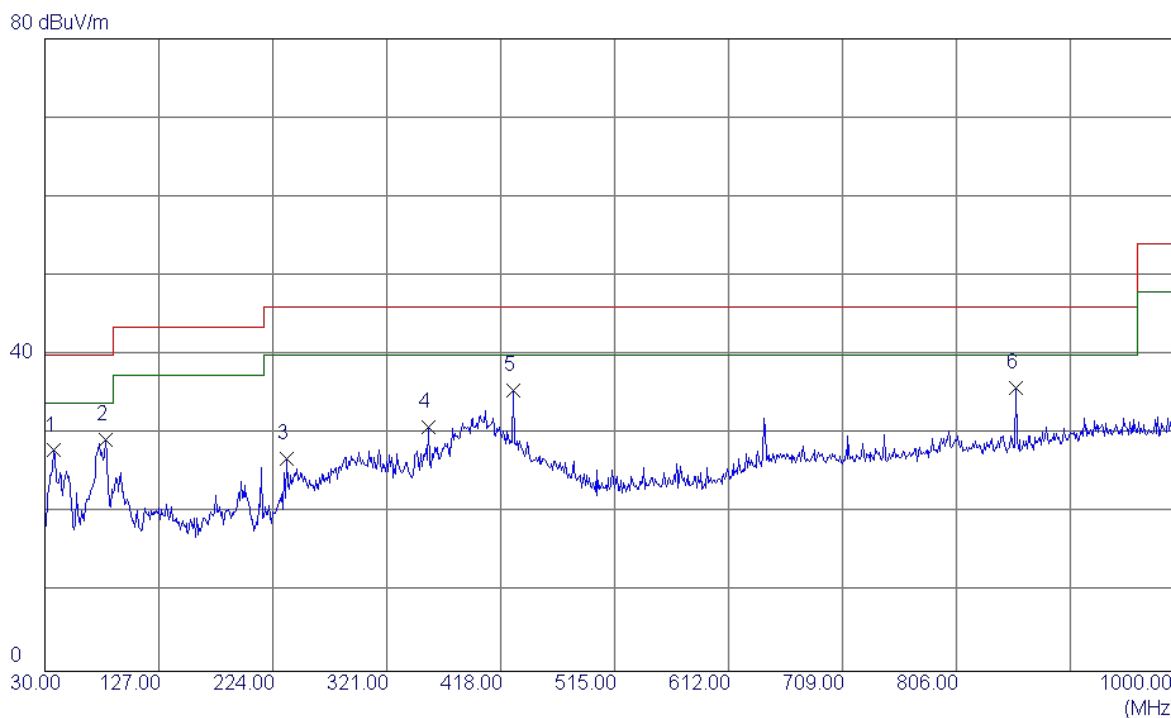
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	76.5600	37.83	-15.39	22.44	40.00	-17.56	Peak	
2	214.3000	45.04	-13.58	31.46	43.50	-12.04	Peak	
3	289.9600	40.59	-9.83	30.76	46.00	-15.24	Peak	
4	356.8900	41.74	-9.56	32.18	46.00	-13.82	Peak	
5	428.6700	37.67	-6.48	31.19	46.00	-14.81	Peak	
6	643.0400	30.67	-2.06	28.61	46.00	-17.39	Peak	

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

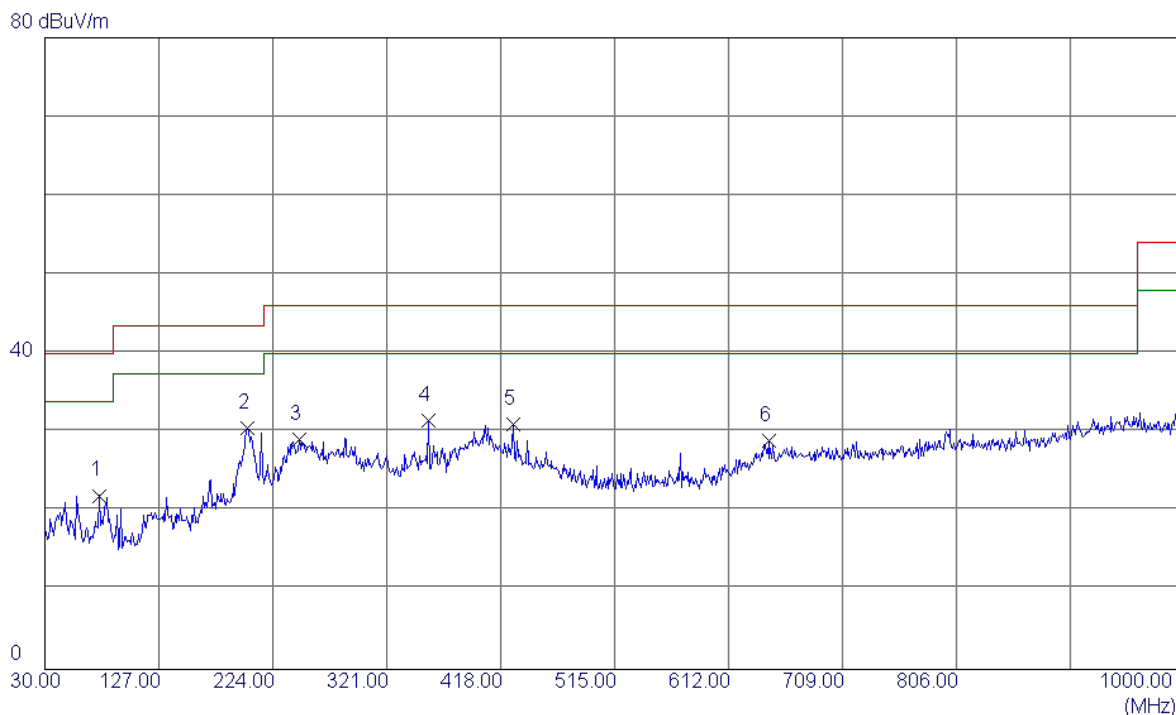
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	37.7599	40.88	-12.96	27.92	40.00	-12.08	Peak	
2	81.4100	45.09	-15.76	29.33	40.00	-10.67	Peak	
3	235.6400	39.43	-12.56	26.87	46.00	-19.13	Peak	
4	356.8900	40.41	-9.56	30.85	46.00	-15.15	Peak	
5	428.6700	42.01	-6.48	35.53	46.00	-10.47	Peak	
6	856.4400	35.45	0.32	35.77	46.00	-10.23	Peak	

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

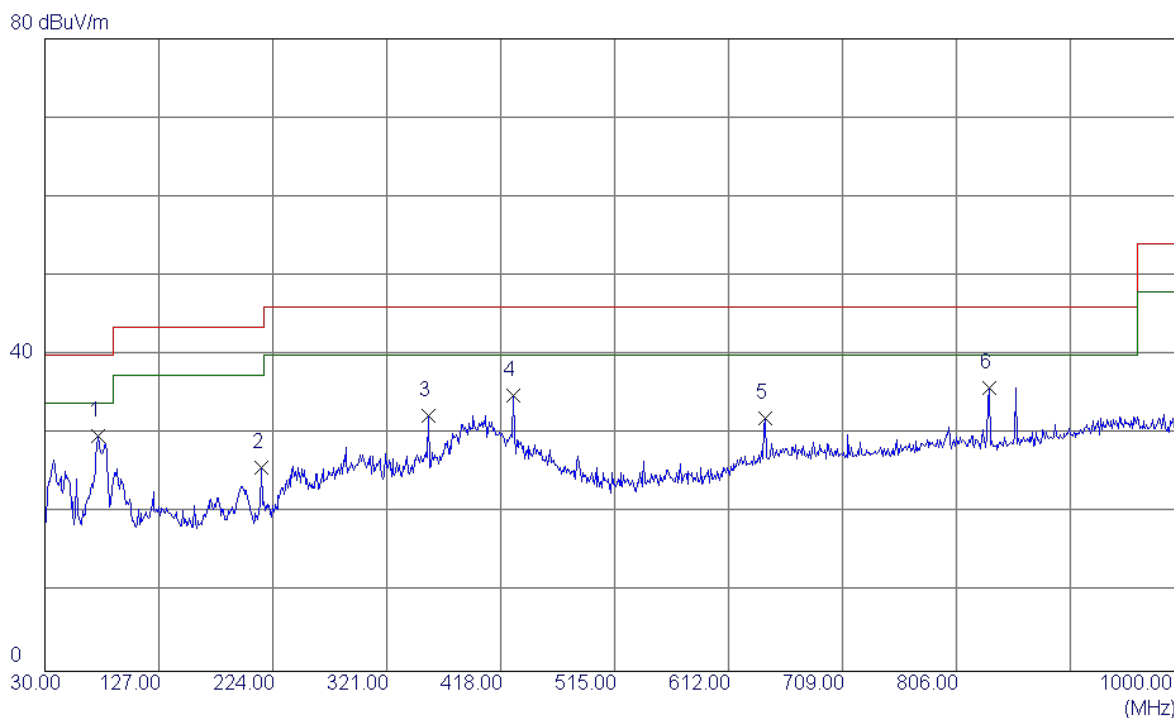
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	76.5600	37.39	-15.39	22.00	40.00	-18.00	Peak	
2	202.6600	44.16	-13.61	30.55	43.50	-12.95	Peak	
3	246.3100	41.68	-12.57	29.11	46.00	-16.89	Peak	
4	356.8900	41.13	-9.56	31.57	46.00	-14.43	Peak	
5	428.6700	37.55	-6.48	31.07	46.00	-14.93	Peak	
6	645.9500	30.83	-1.88	28.95	46.00	-17.05	Peak	

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

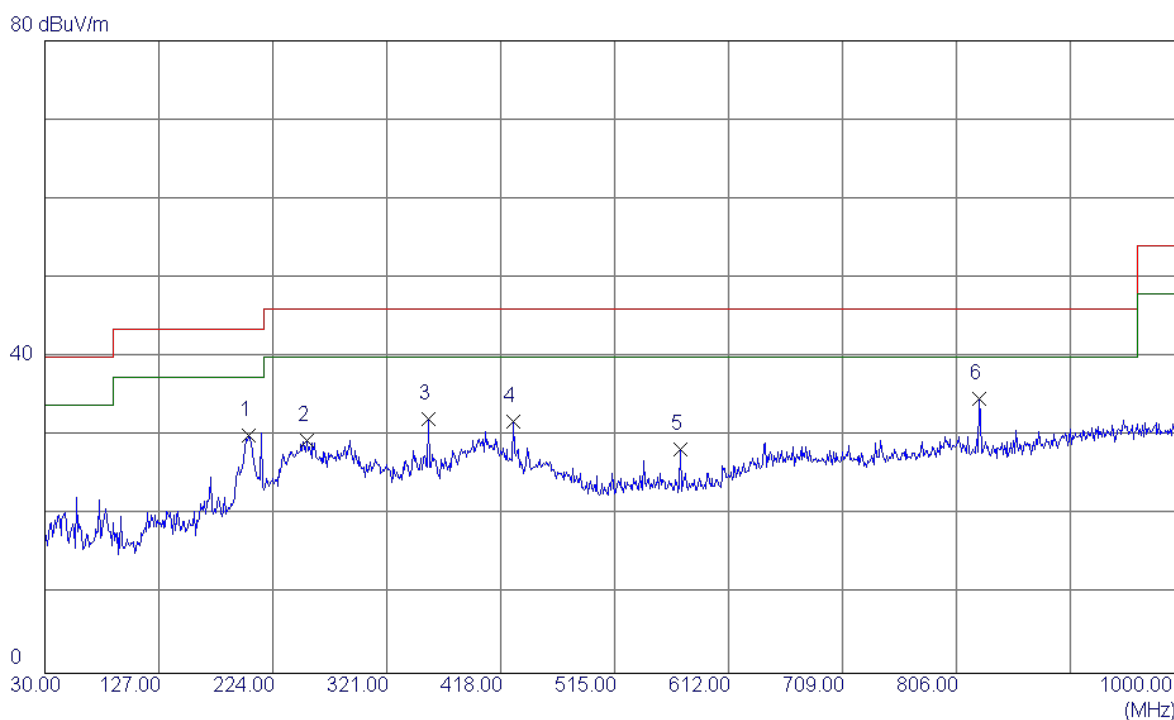
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	75.5899	45.10	-15.30	29.80	40.00	-10.20	Peak	
2	214.3000	39.34	-13.58	25.76	43.50	-17.74	Peak	
3	356.8900	41.95	-9.56	32.39	46.00	-13.61	Peak	
4	428.6700	41.39	-6.48	34.91	46.00	-11.09	Peak	
5	643.0400	34.10	-2.06	32.04	46.00	-13.96	Peak	
6	834.1300	35.70	0.13	35.83	46.00	-10.17	Peak	

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

Horizontal

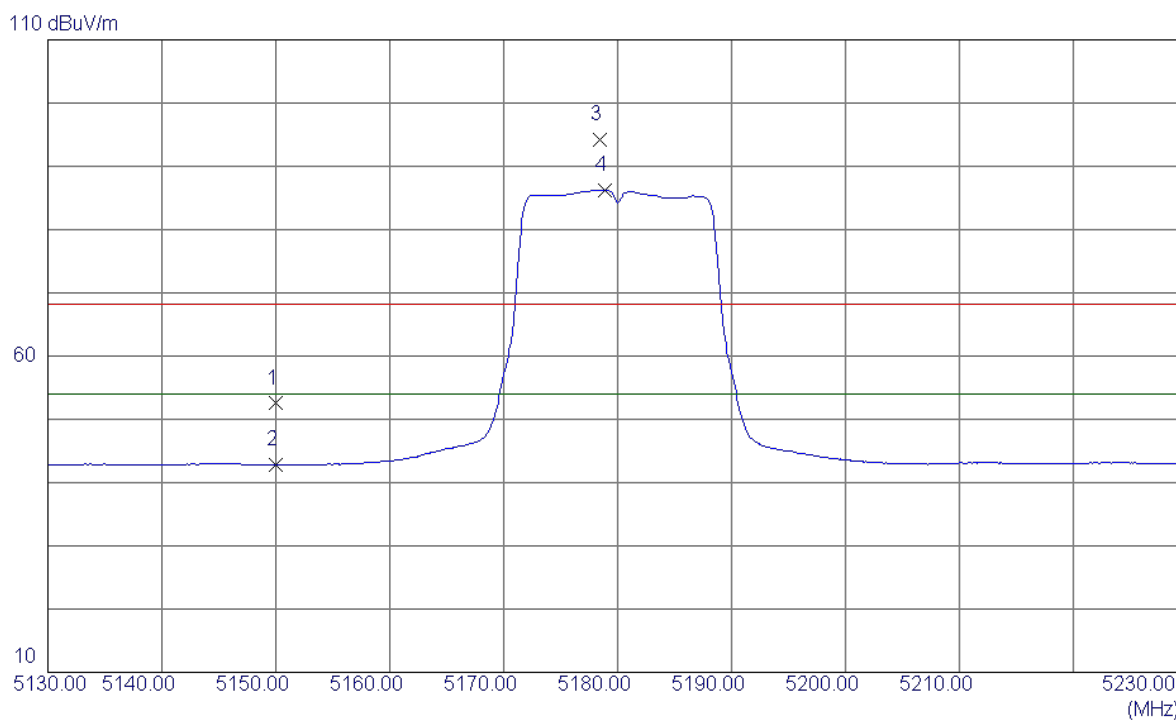


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	203.6300	43.66	-13.63	30.03	43.50	-13.47	Peak	
2	253.1000	42.08	-12.66	29.42	46.00	-16.58	Peak	
3	356.8900	41.69	-9.56	32.13	46.00	-13.87	Peak	
4	428.6700	38.26	-6.48	31.78	46.00	-14.22	Peak	
5	571.2600	32.90	-4.63	28.27	46.00	-17.73	Peak	
6	825.4000	34.61	0.14	34.75	46.00	-11.25	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

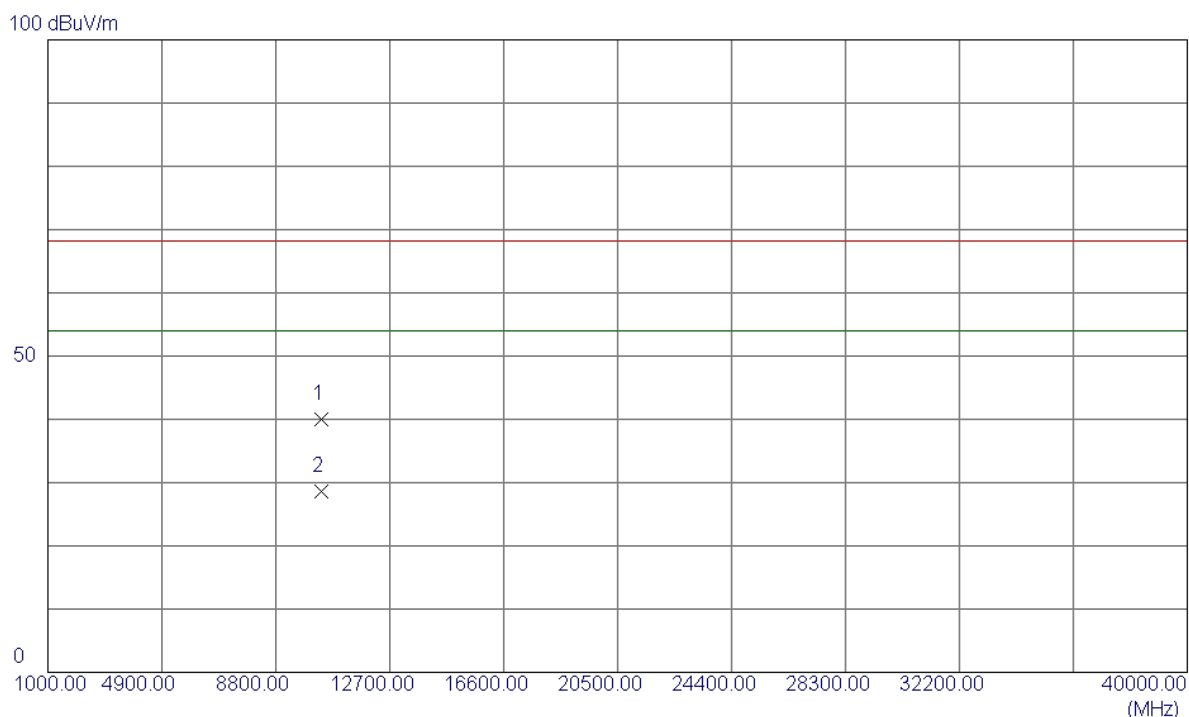
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	11.10	41.40	52.50	68.30	-15.80	Peak	
2	5150.0000	1.38	41.40	42.78	54.00	-11.22	AVG	
3	5178.4000	52.63	41.50	94.13	68.30	25.83	Peak	no limit
4	5178.9000	44.72	41.50	86.22	54.00	32.22	AVG	no limit

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

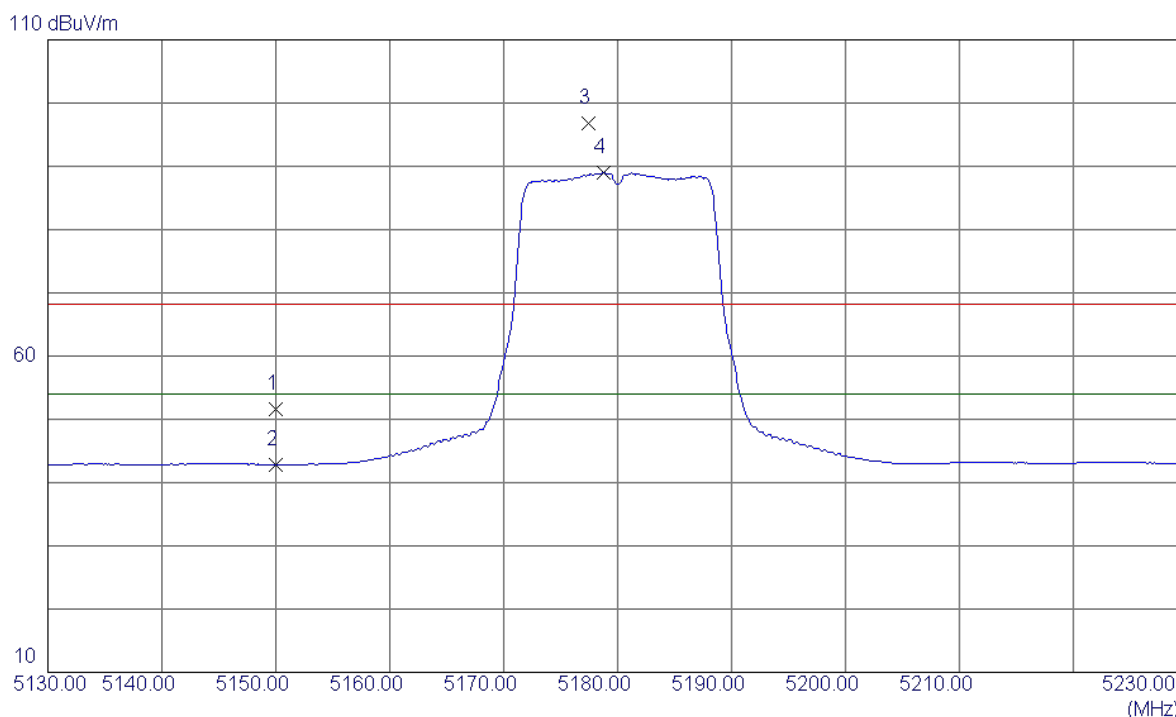
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.9750	25.65	14.33	39.98	68.30	-28.32	Peak	
2	10359.9850	14.19	14.33	28.52	54.00	-25.48	AVG	

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

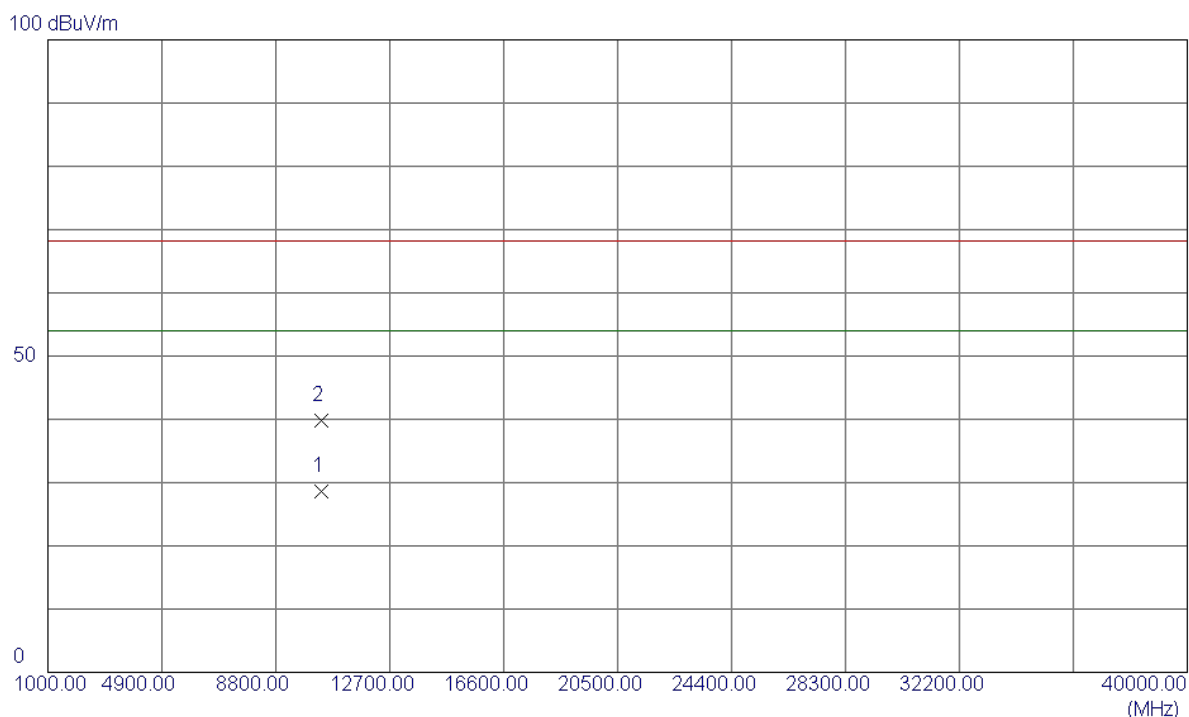
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.29	41.40	51.69	68.30	-16.61	Peak	
2	5150.0000	1.41	41.40	42.81	54.00	-11.19	AVG	
3	5177.4000	55.22	41.50	96.72	68.30	28.42	Peak	no limit
4	5178.8000	47.46	41.50	88.96	54.00	34.96	AVG	no limit

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

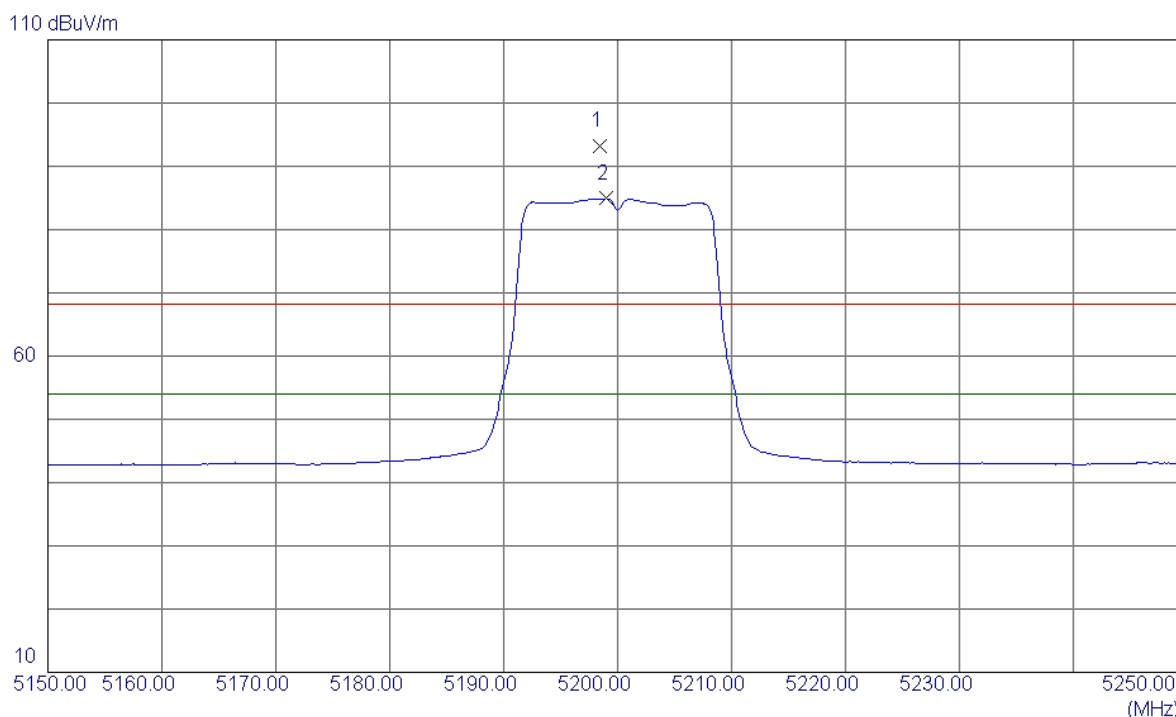
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.9300	14.30	14.33	28.63	54.00	-25.37	AVG	
2	10360.0500	25.54	14.33	39.87	68.30	-28.43	Peak	

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

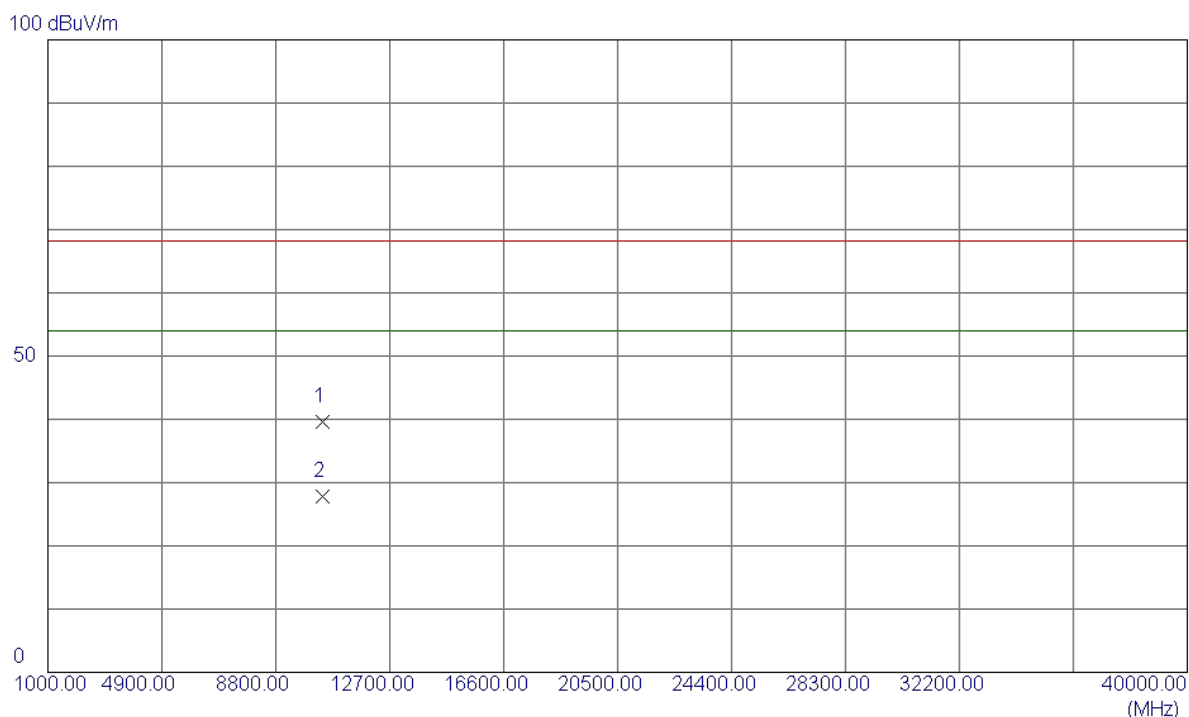
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5198.4000	51.63	41.56	93.19	68.30	24.89	Peak	no limit
2	5199.0000	43.33	41.57	84.90	54.00	30.90	AVG	no limit

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

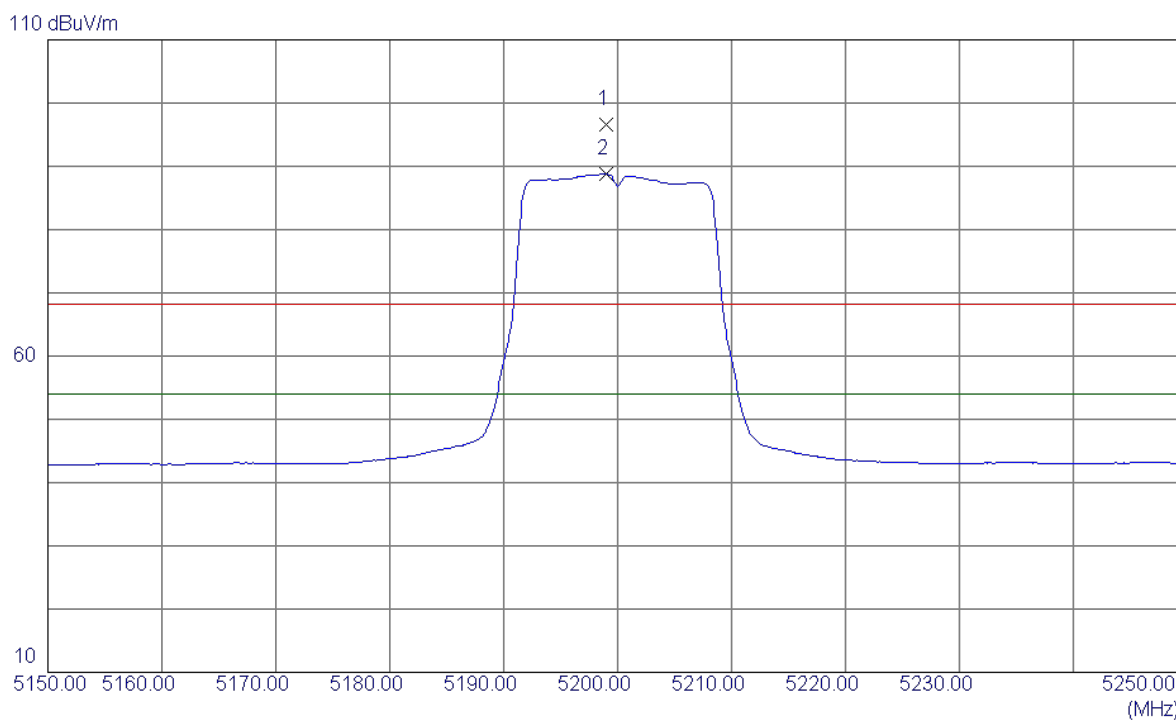
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.0000	25.24	14.40	39.64	68.30	-28.66	Peak	
2	10400.0250	13.42	14.40	27.82	54.00	-26.18	AVG	

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

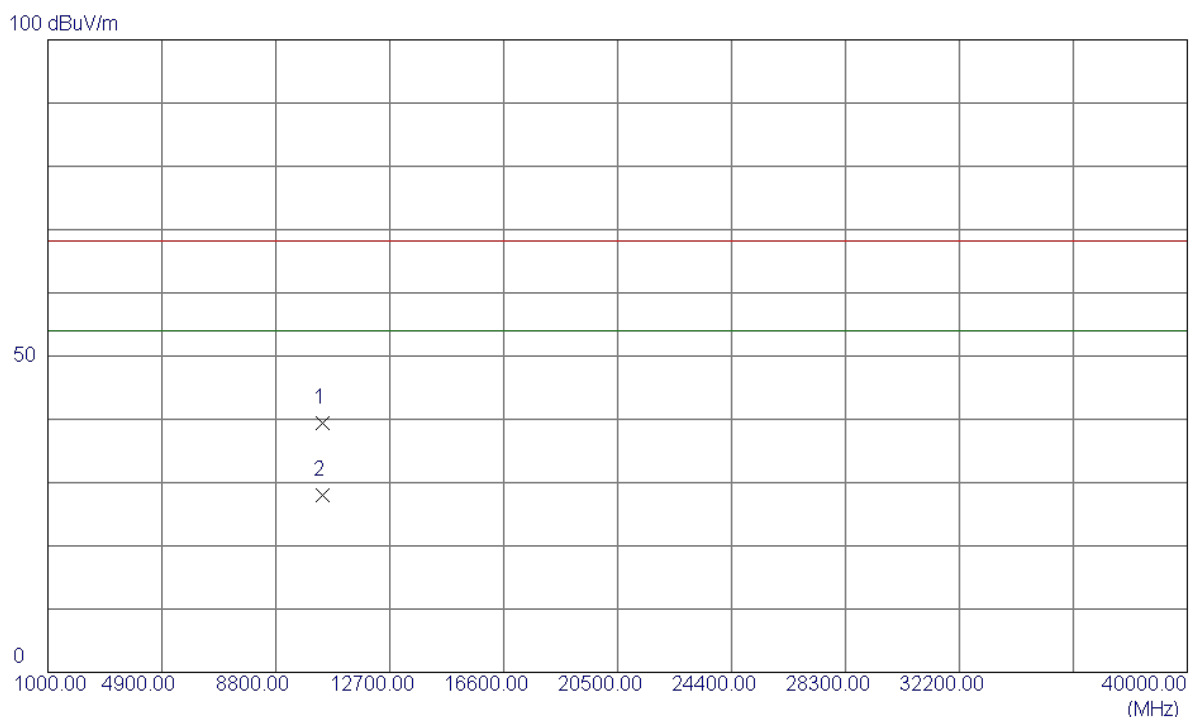
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5199.0000	55.08	41.57	96.65	68.30	28.35	Peak	no limit
2	5199.0000	47.18	41.57	88.75	54.00	34.75	AVG	no limit

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

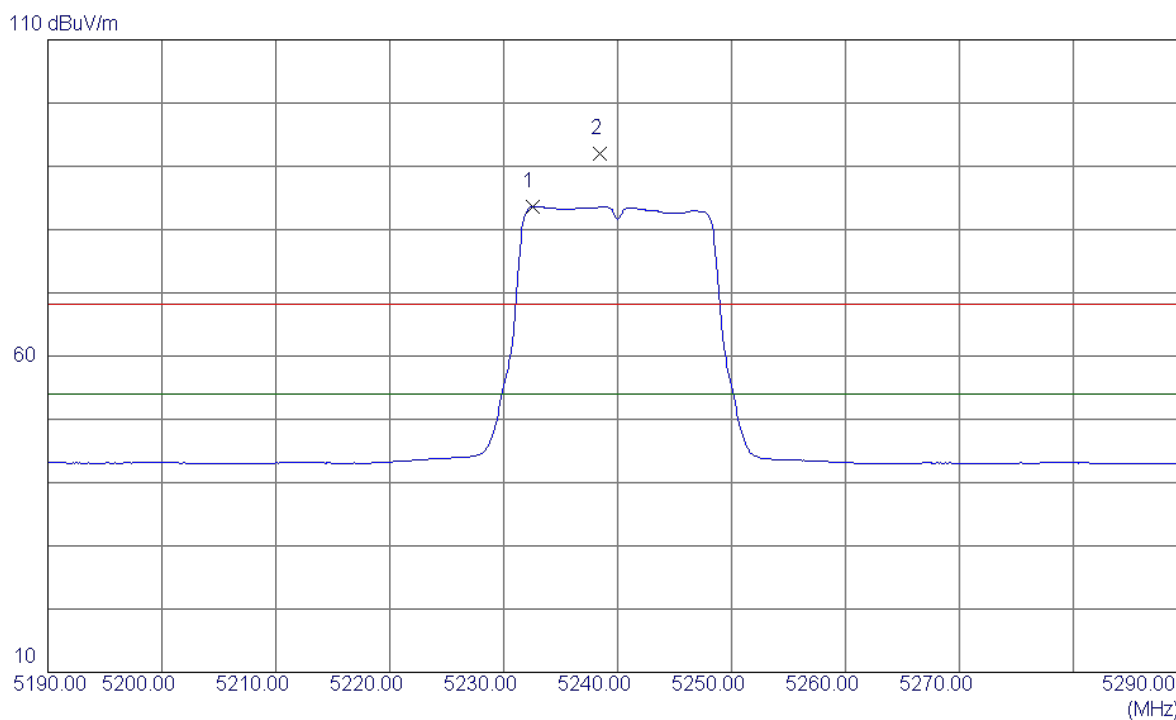
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.8900	25.08	14.40	39.48	68.30	-28.82	Peak	
2	10400.0350	13.57	14.40	27.97	54.00	-26.03	AVG	

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

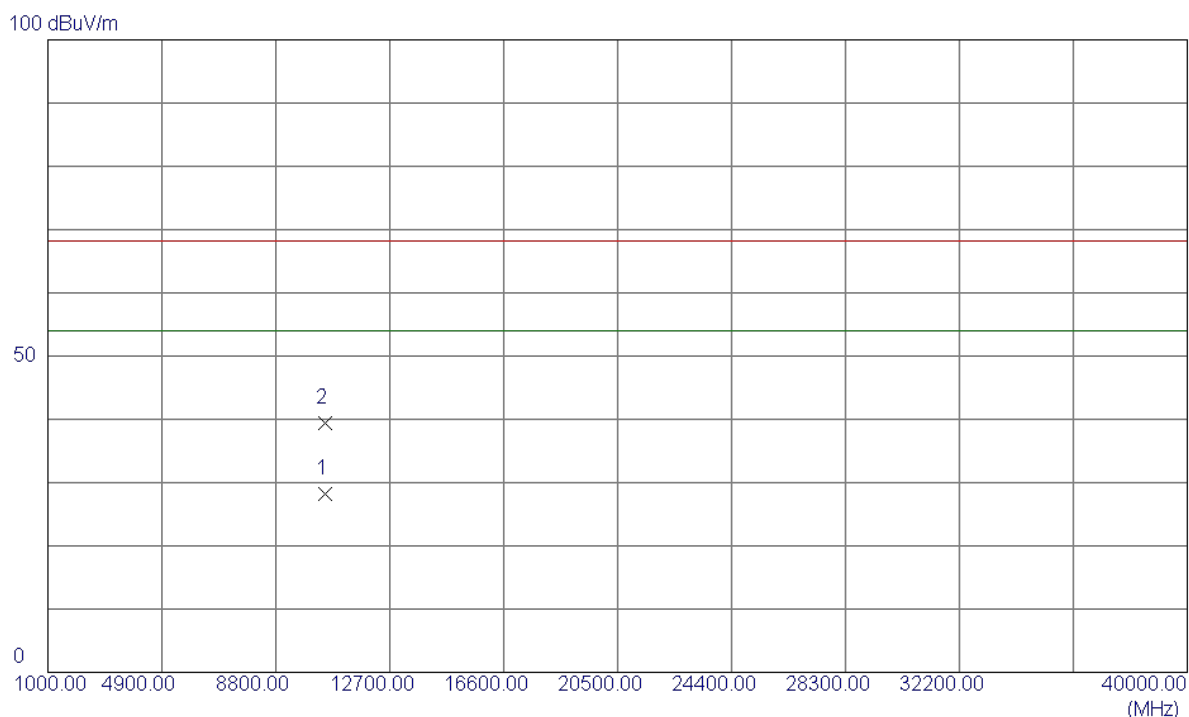
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5232.5000	41.96	41.68	83.64	54.00	29.64	AVG	no limit
2	5238.4000	50.22	41.70	91.92	68.30	23.62	Peak	no limit

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

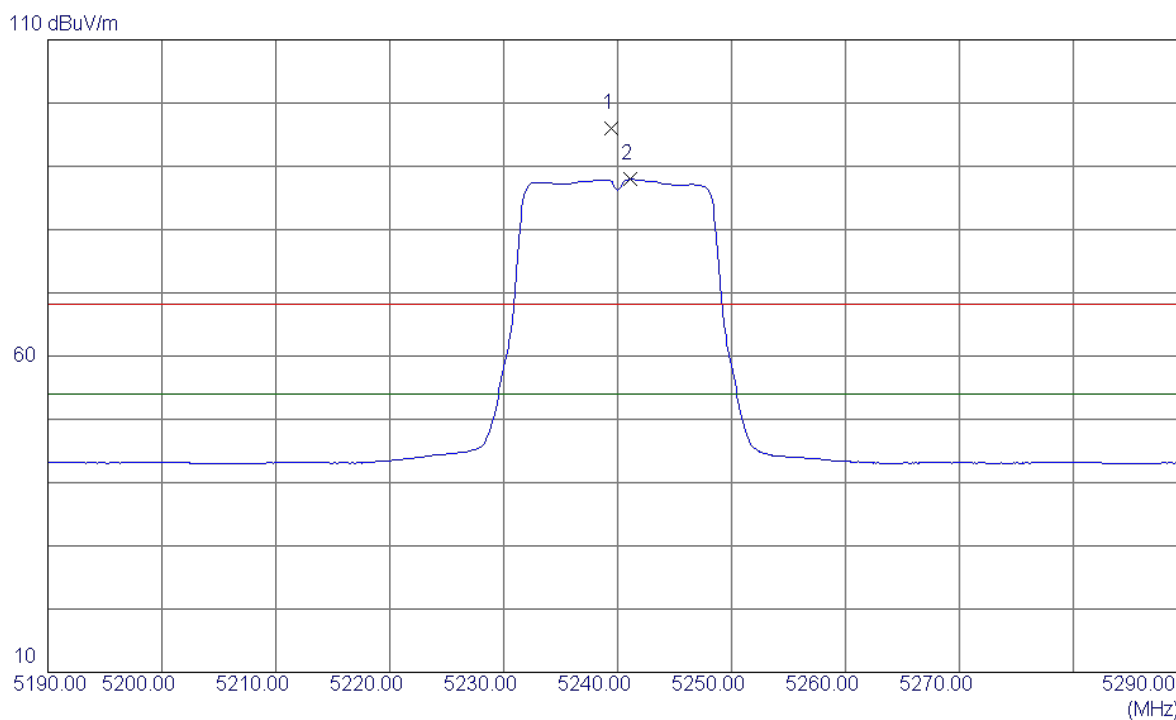
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10480.0800	13.59	14.56	28.15	54.00	-25.85	AVG	
2	10480.1650	24.87	14.56	39.43	68.30	-28.87	Peak	

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

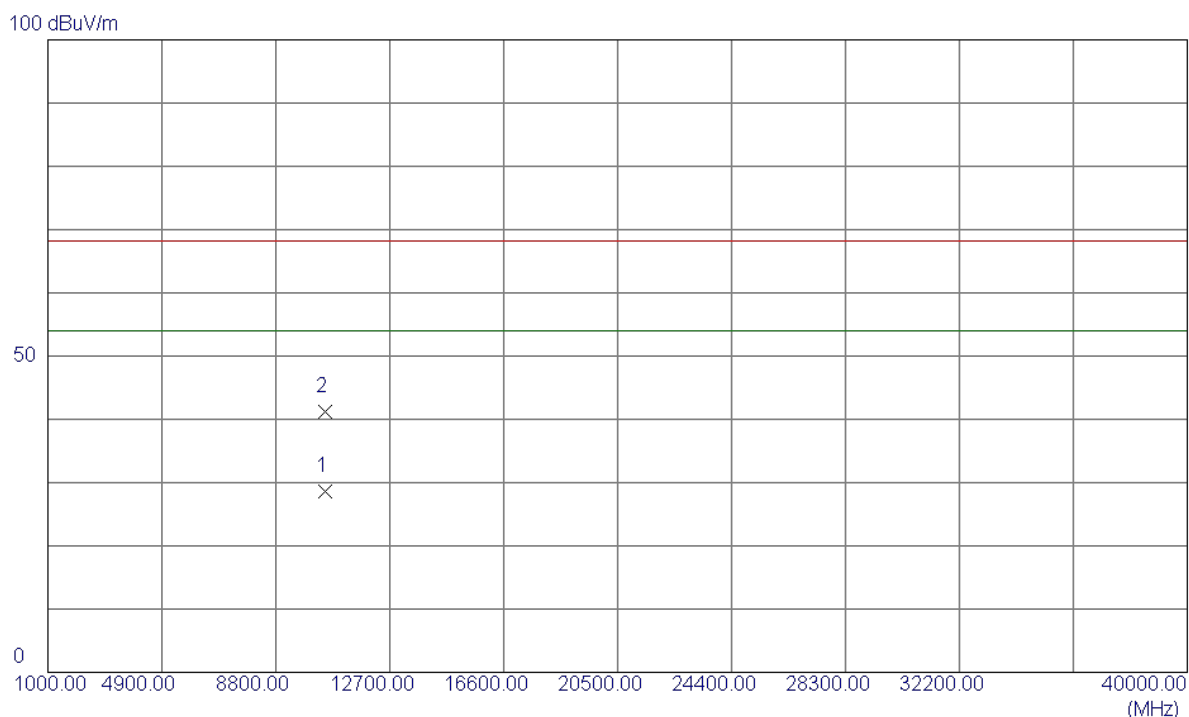
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5239.4000	54.30	41.70	96.00	68.30	27.70	Peak	no limit
2	5241.1000	46.22	41.71	87.93	54.00	33.93	AVG	no limit

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

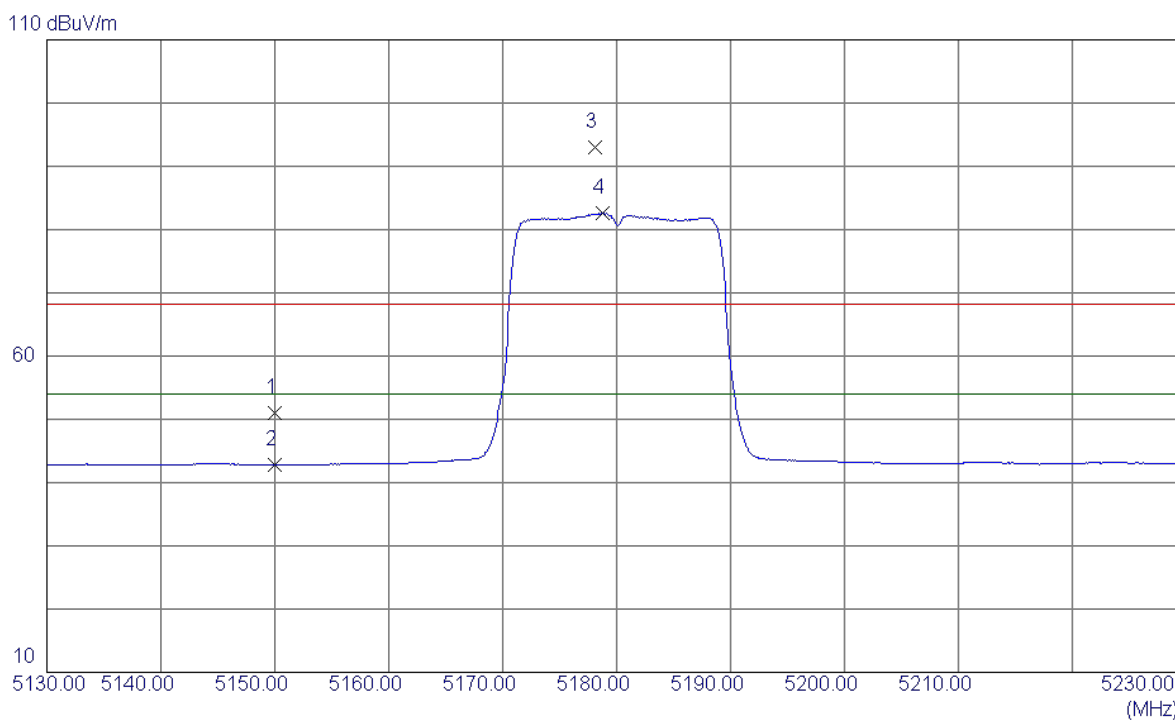
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.9500	14.13	14.56	28.69	54.00	-25.31	AVG	
2	10480.2500	26.63	14.56	41.19	68.30	-27.11	Peak	

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

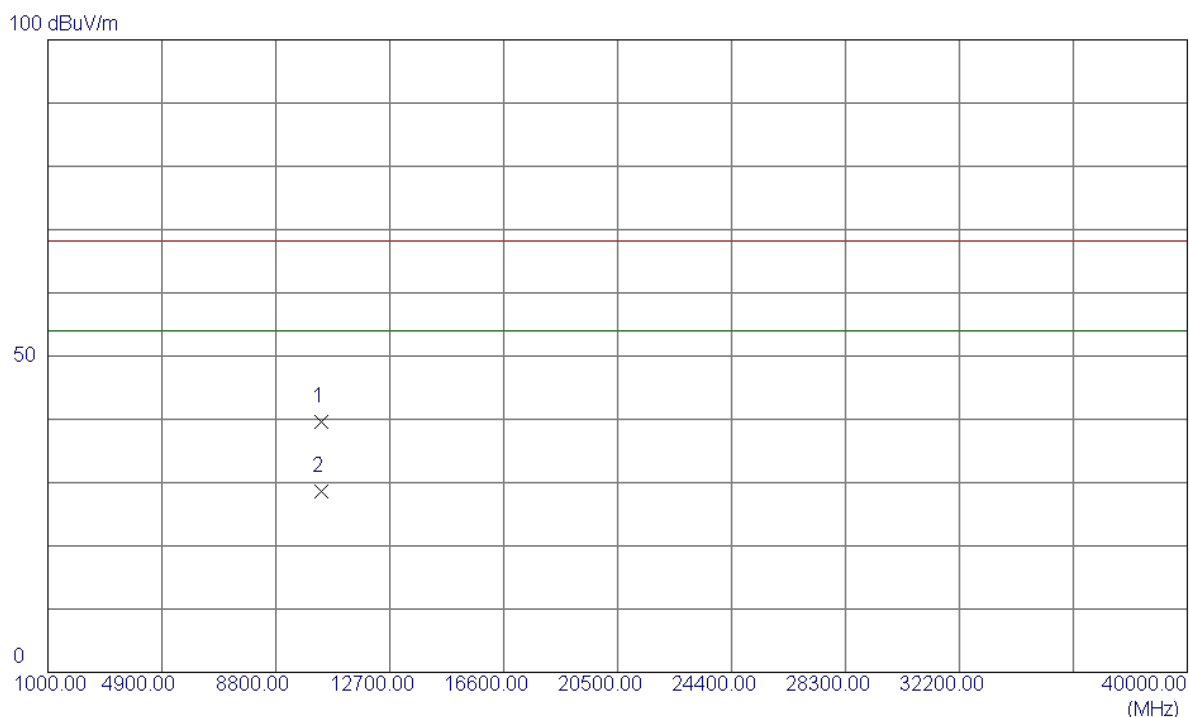
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	9.62	41.40	51.02	68.30	-17.28	Peak	
2	5150.0000	1.39	41.40	42.79	54.00	-11.21	AVG	
3	5178.1000	51.43	41.50	92.93	68.30	24.63	Peak	no limit
4	5178.8000	41.11	41.50	82.61	54.00	28.61	AVG	no limit

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

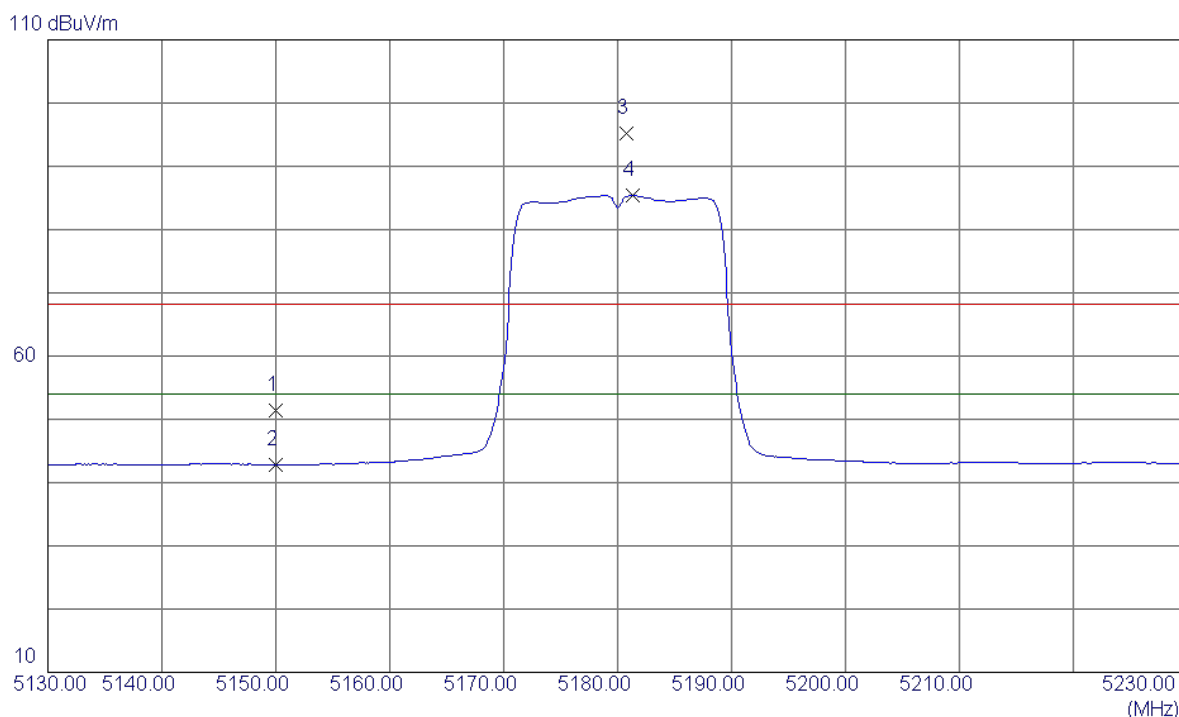
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.0599	25.31	14.33	39.64	68.30	-28.66	Peak	
2	10360.0950	14.29	14.33	28.62	54.00	-25.38	AVG	

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

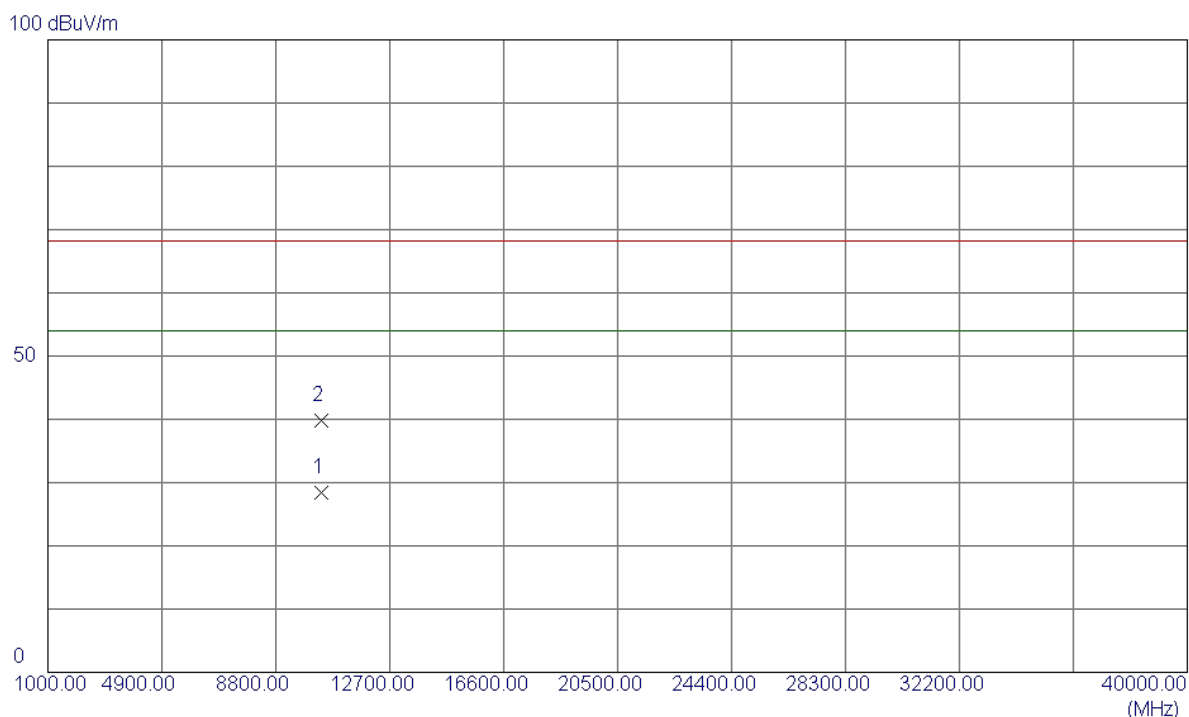
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.03	41.40	51.43	68.30	-16.87	Peak	
2	5150.0000	1.39	41.40	42.79	54.00	-11.21	AVG	
3	5180.8000	53.78	41.51	95.29	68.30	26.99	Peak	no limit
4	5181.3000	43.89	41.51	85.40	54.00	31.40	AVG	no limit

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

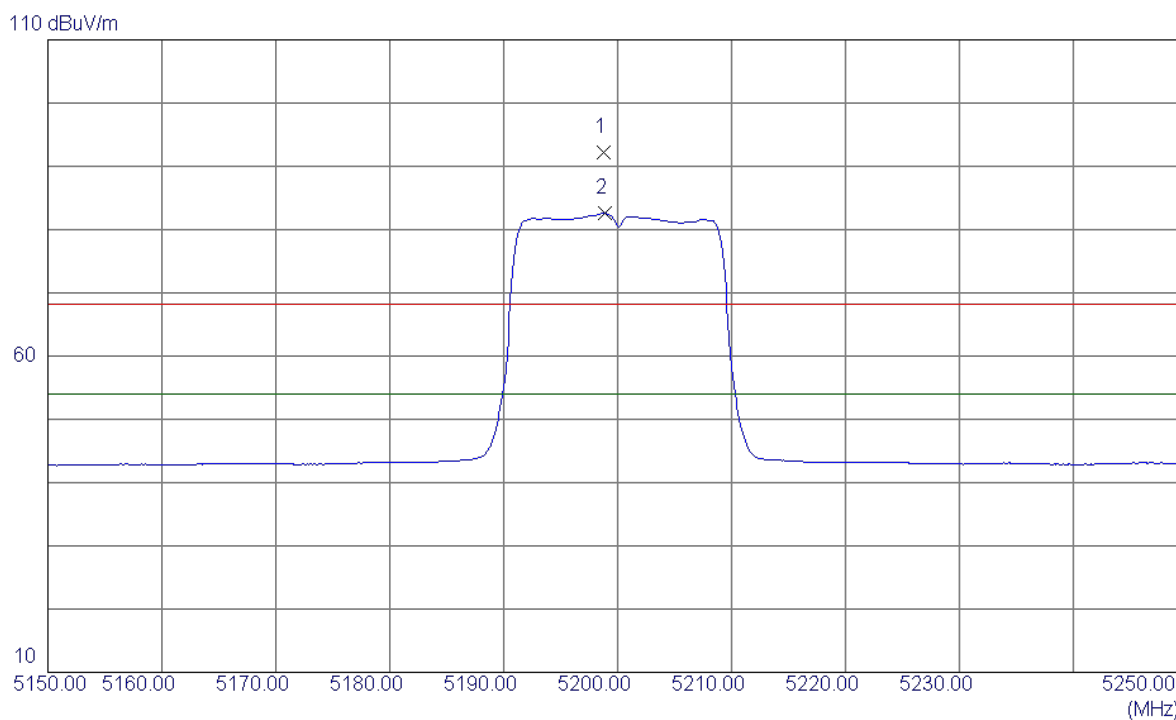
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.1100	14.13	14.33	28.46	54.00	-25.54	AVG	
2	10360.3350	25.45	14.33	39.78	68.30	-28.52	Peak	

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

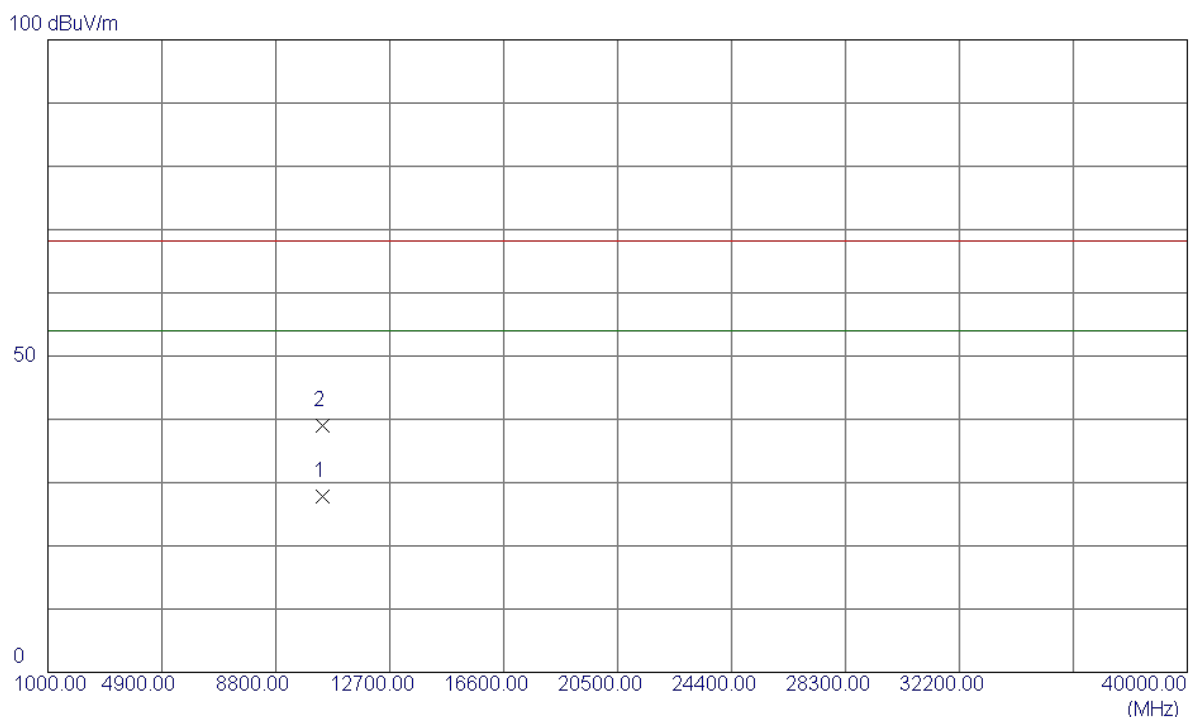
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5198.8000	50.71	41.57	92.28	68.30	23.98	Peak	no limit
2	5198.9000	40.99	41.57	82.56	54.00	28.56	AVG	no limit

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

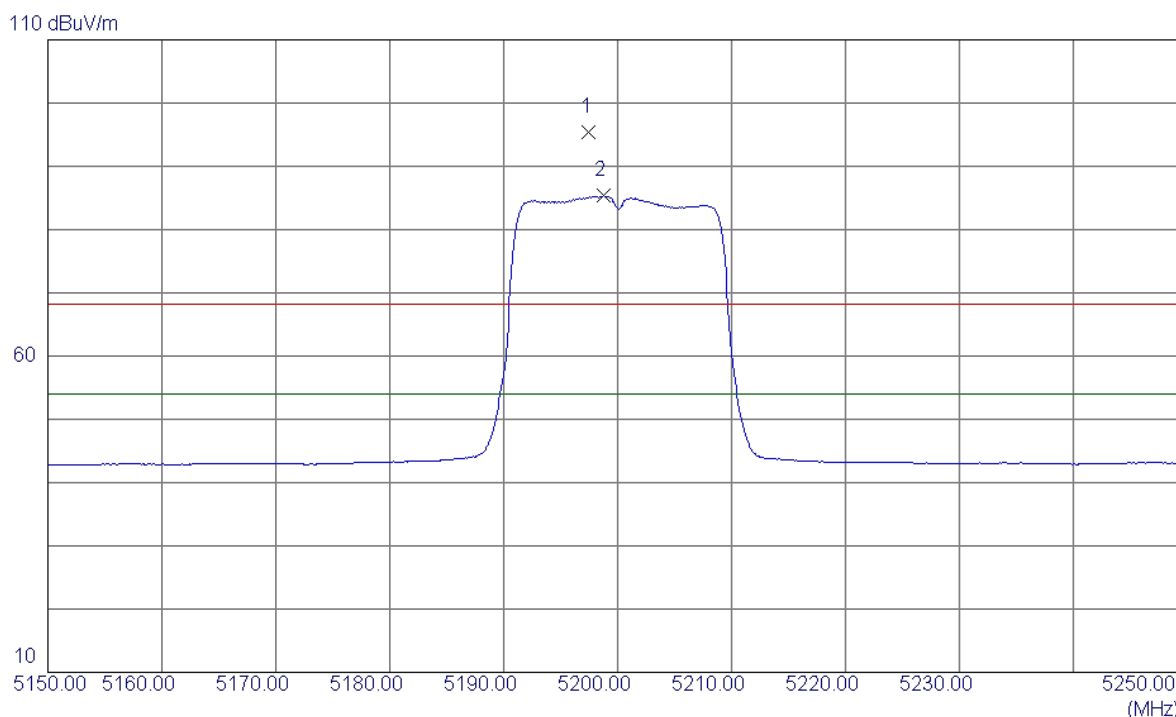
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.0000	13.46	14.40	27.86	54.00	-26.14	AVG	
2	10400.2200	24.64	14.40	39.04	68.30	-29.26	Peak	

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

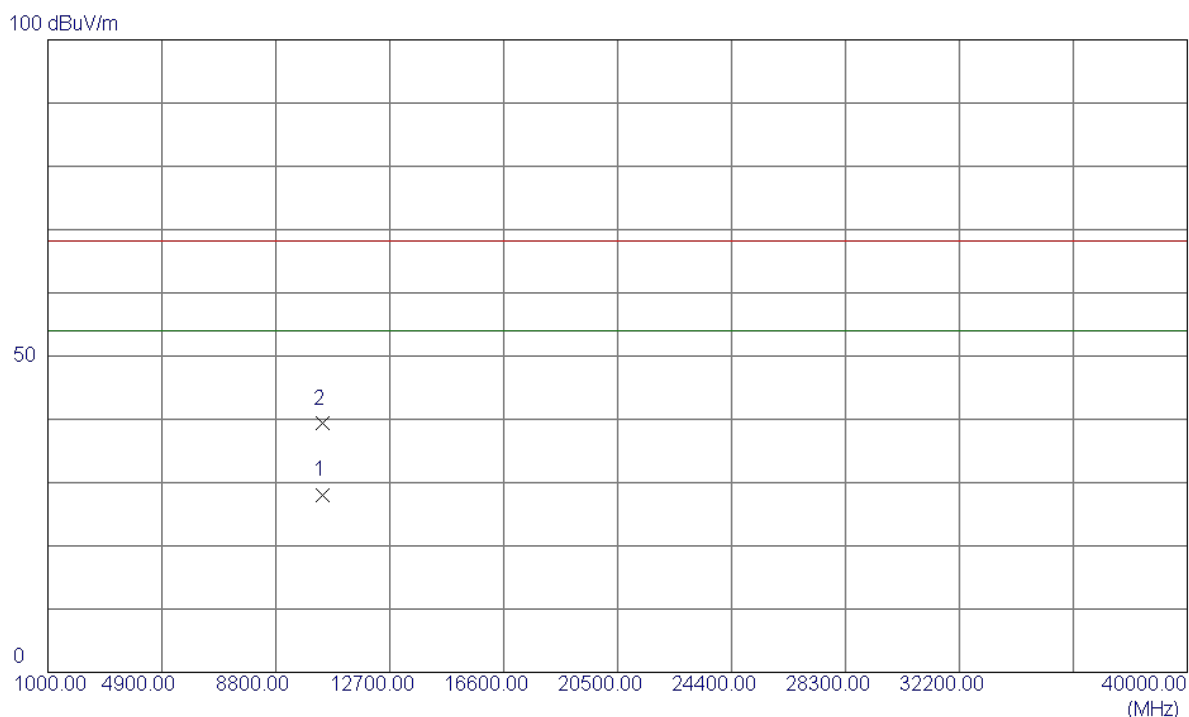
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5197.5000	53.81	41.56	95.37	68.30	27.07	Peak	no limit
2	5198.8000	43.75	41.57	85.32	54.00	31.32	AVG	no limit

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

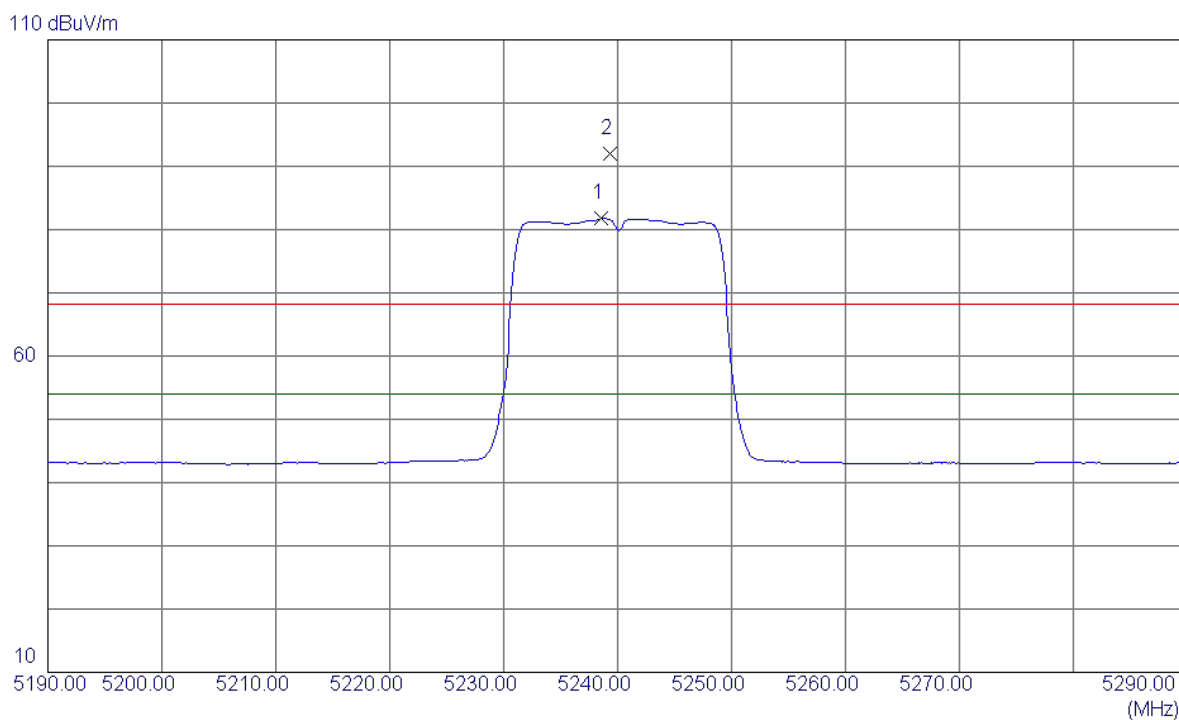
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.1849	13.68	14.40	28.08	54.00	-25.92	AVG	
2	10400.2050	24.90	14.40	39.30	68.30	-29.00	Peak	

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

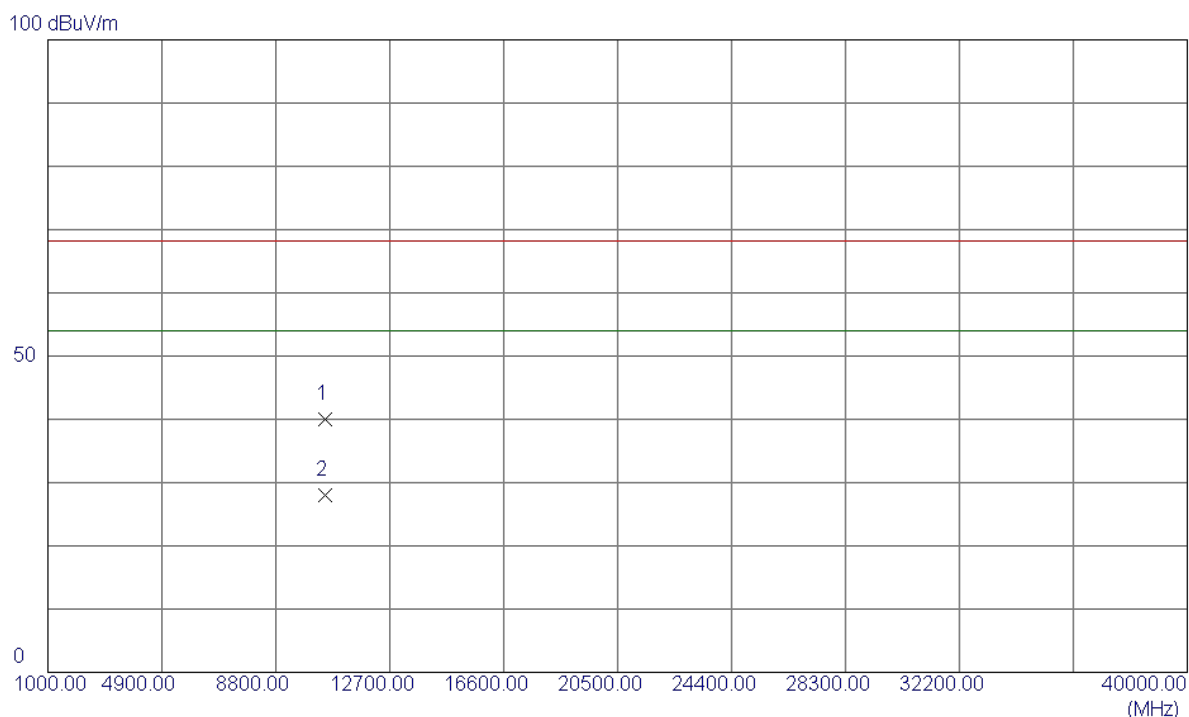
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5238.6000	40.02	41.70	81.72	54.00	27.72	AVG	no limit
2	5239.3000	50.35	41.70	92.05	68.30	23.75	Peak	no limit

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

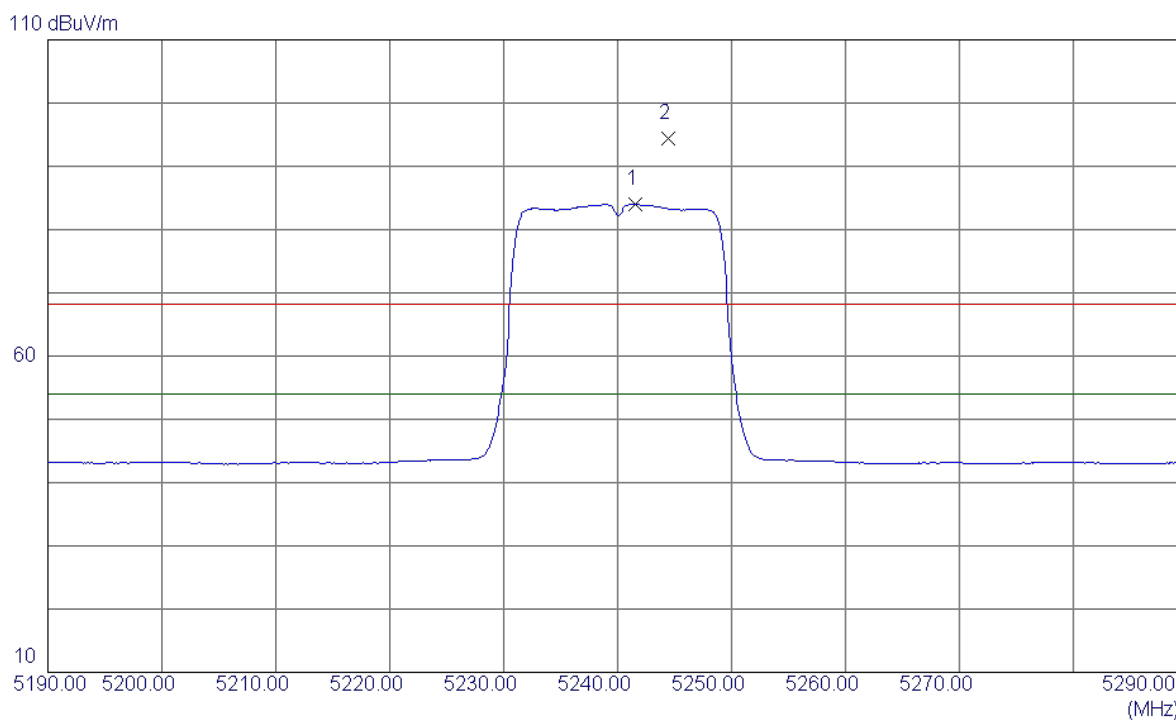
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.6750	25.52	14.56	40.08	68.30	-28.22	Peak	
2	10480.0750	13.52	14.56	28.08	54.00	-25.92	AVG	

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

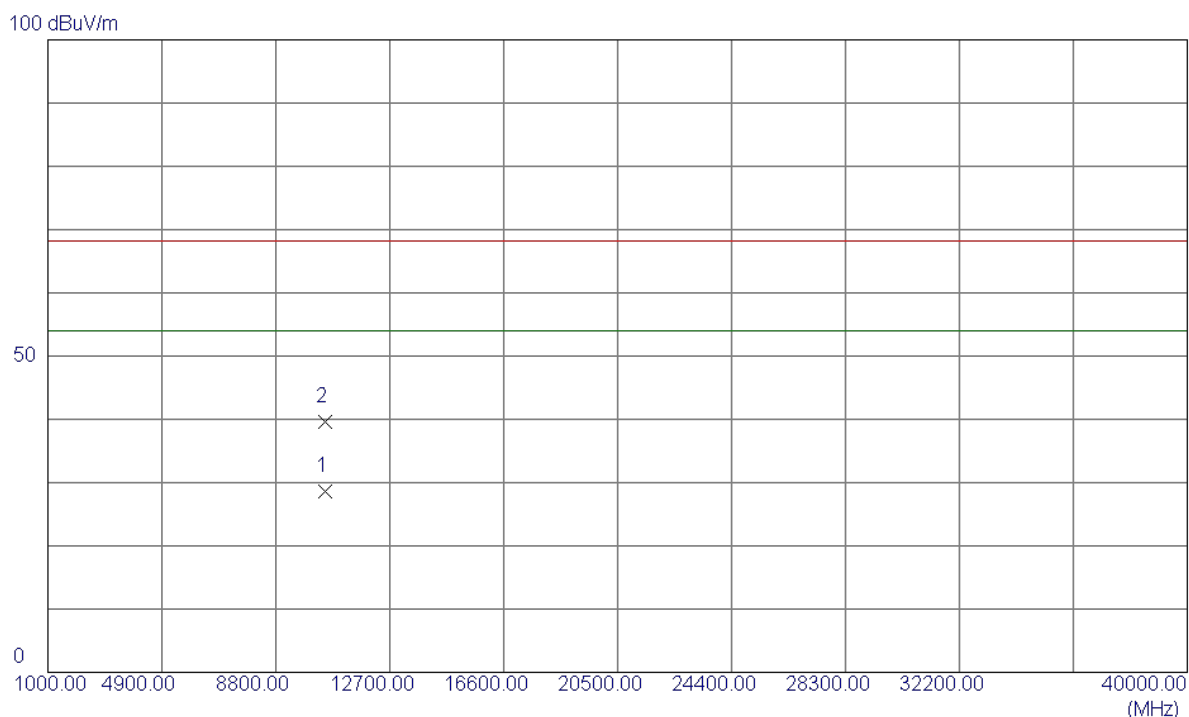
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5241.6000	42.35	41.71	84.06	54.00	30.06	AVG	no limit
2	5244.4000	52.66	41.72	94.38	68.30	26.08	Peak	no limit

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

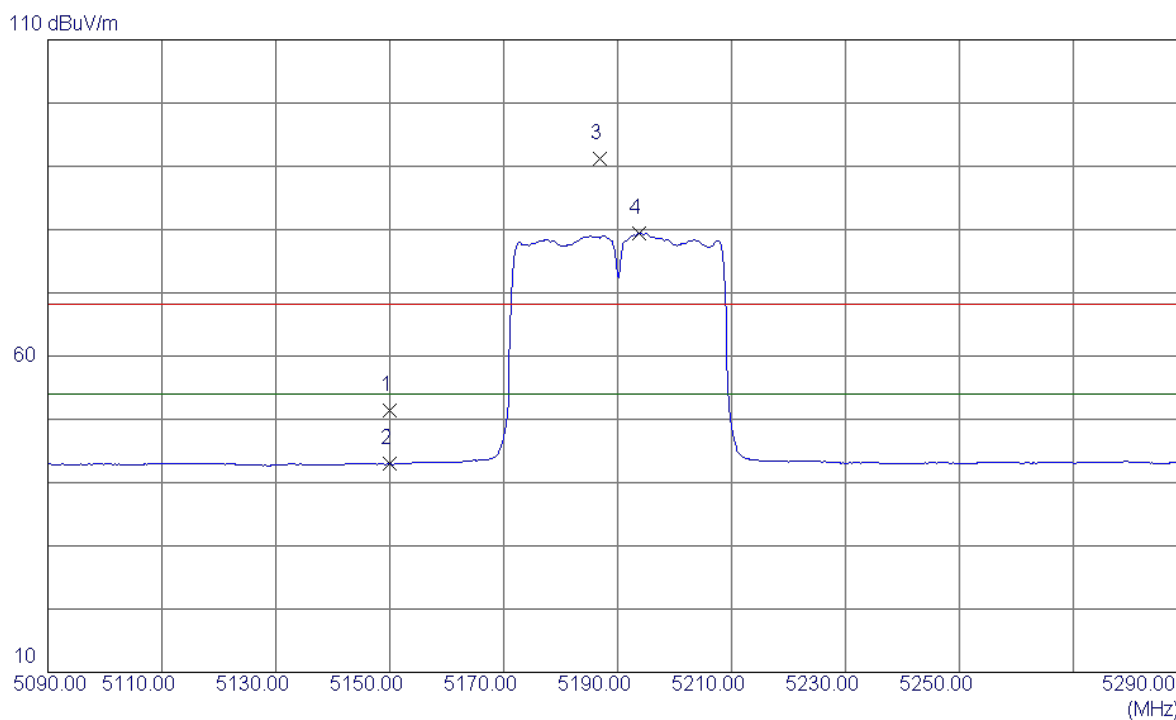
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10480.1150	14.11	14.56	28.67	54.00	-25.33	AVG	
2	10480.6050	25.12	14.56	39.68	68.30	-28.62	Peak	

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

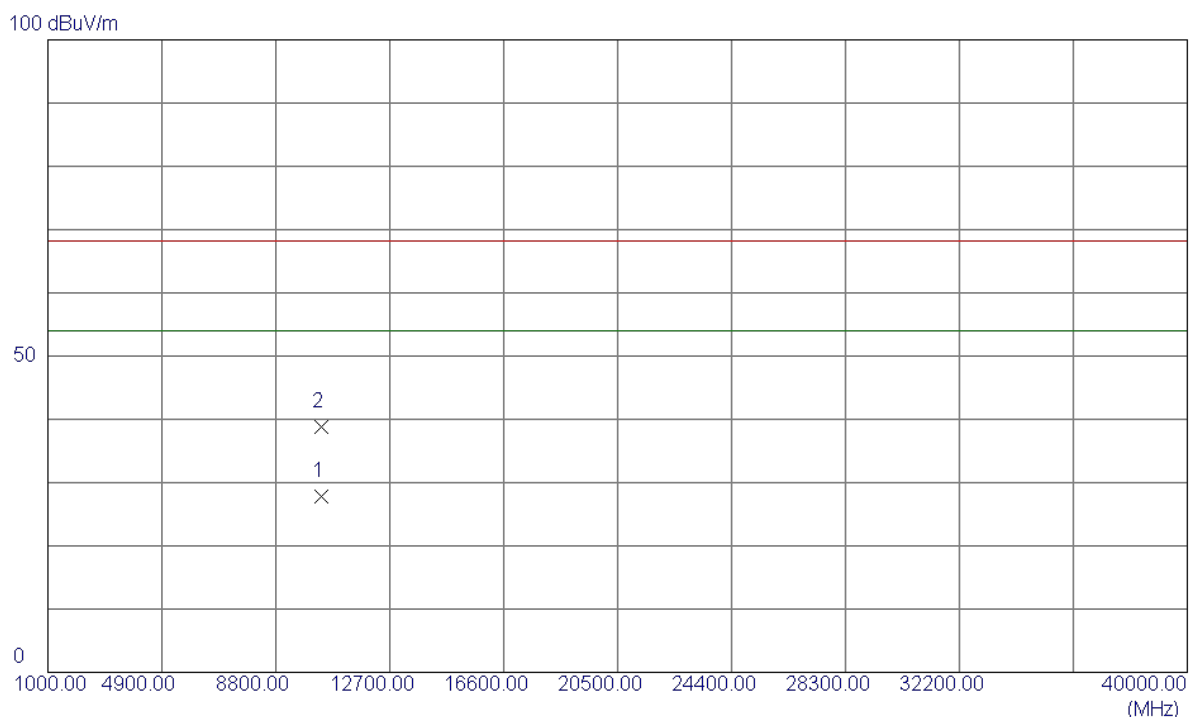
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.04	41.40	51.44	68.30	-16.86	Peak	
2	5150.0000	1.53	41.40	42.93	54.00	-11.07	AVG	
3	5186.8000	49.62	41.53	91.15	68.30	22.85	Peak	no limit
4	5193.8000	37.86	41.55	79.41	54.00	25.41	AVG	no limit

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

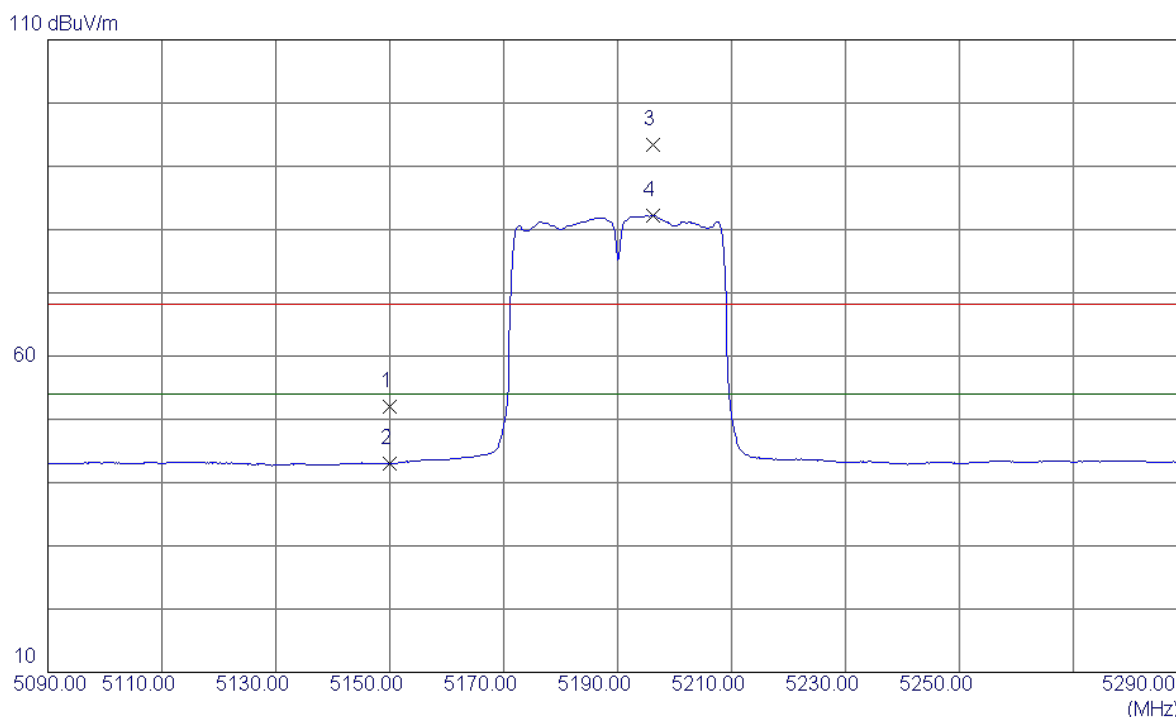
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.1550	13.36	14.37	27.73	54.00	-26.27	AVG	
2	10380.5400	24.36	14.37	38.73	68.30	-29.57	Peak	

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

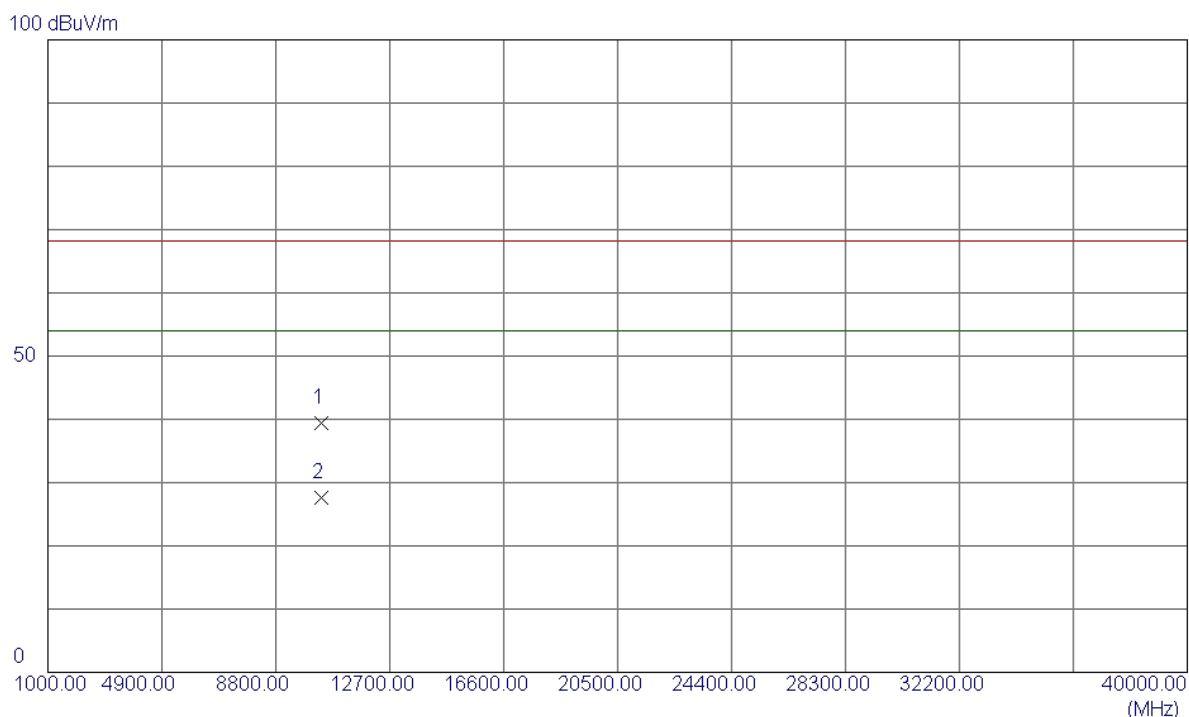
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.67	41.40	52.07	68.30	-16.23	Peak	
2	5150.0000	1.63	41.40	43.03	54.00	-10.97	AVG	
3	5196.2000	51.88	41.56	93.44	68.30	25.14	Peak	no limit
4	5196.2000	40.67	41.56	82.23	54.00	28.23	AVG	no limit

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

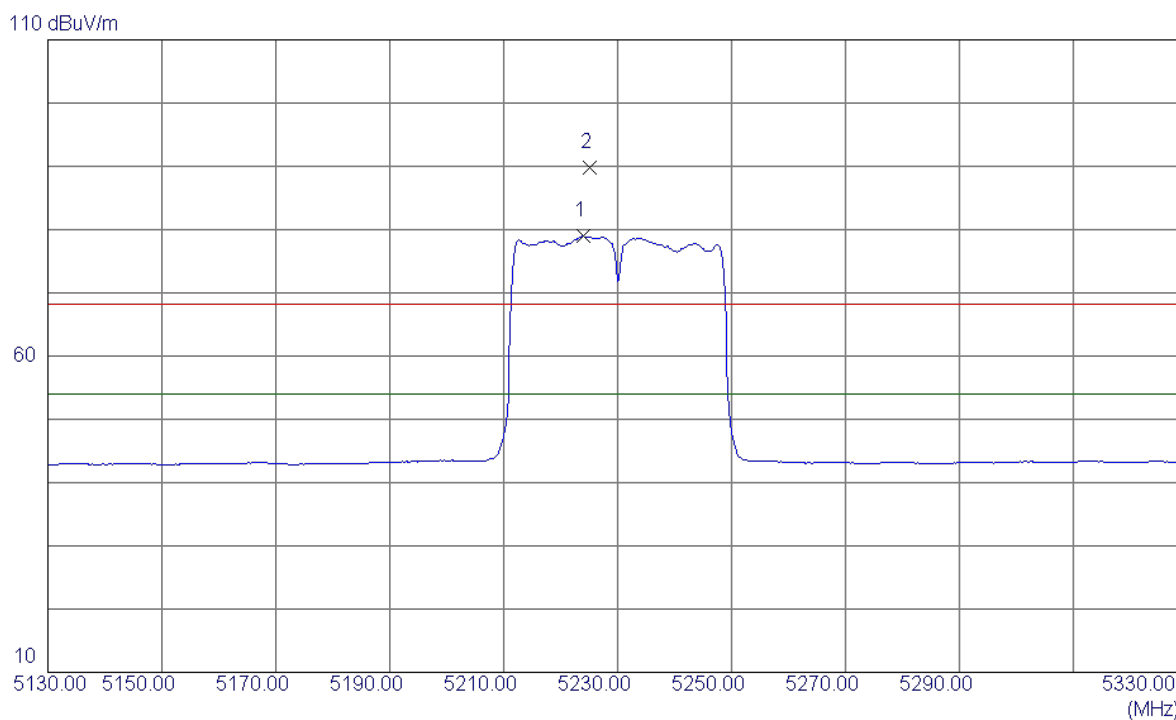
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10379.8300	25.12	14.36	39.48	68.30	-28.82	Peak	
2	10380.1900	13.32	14.37	27.69	54.00	-26.31	AVG	

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

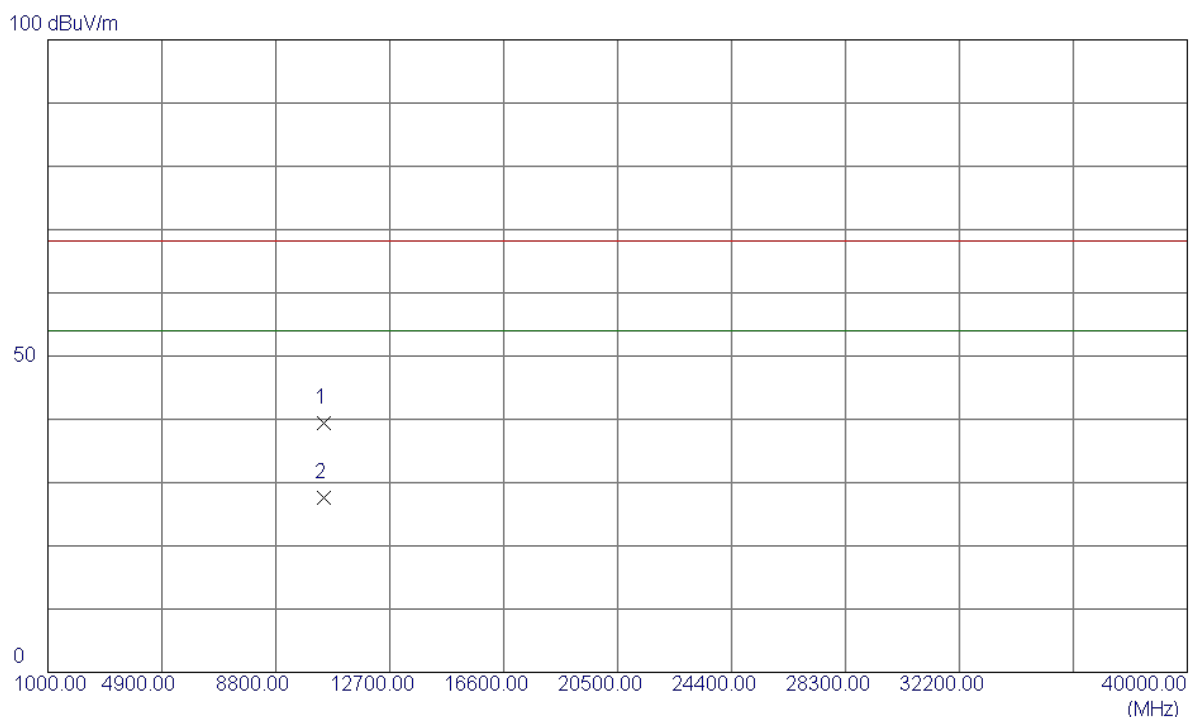
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5224.0000	37.29	41.65	78.94	54.00	24.94	AVG	no limit
2	5225.2000	48.10	41.65	89.75	68.30	21.45	Peak	no limit

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

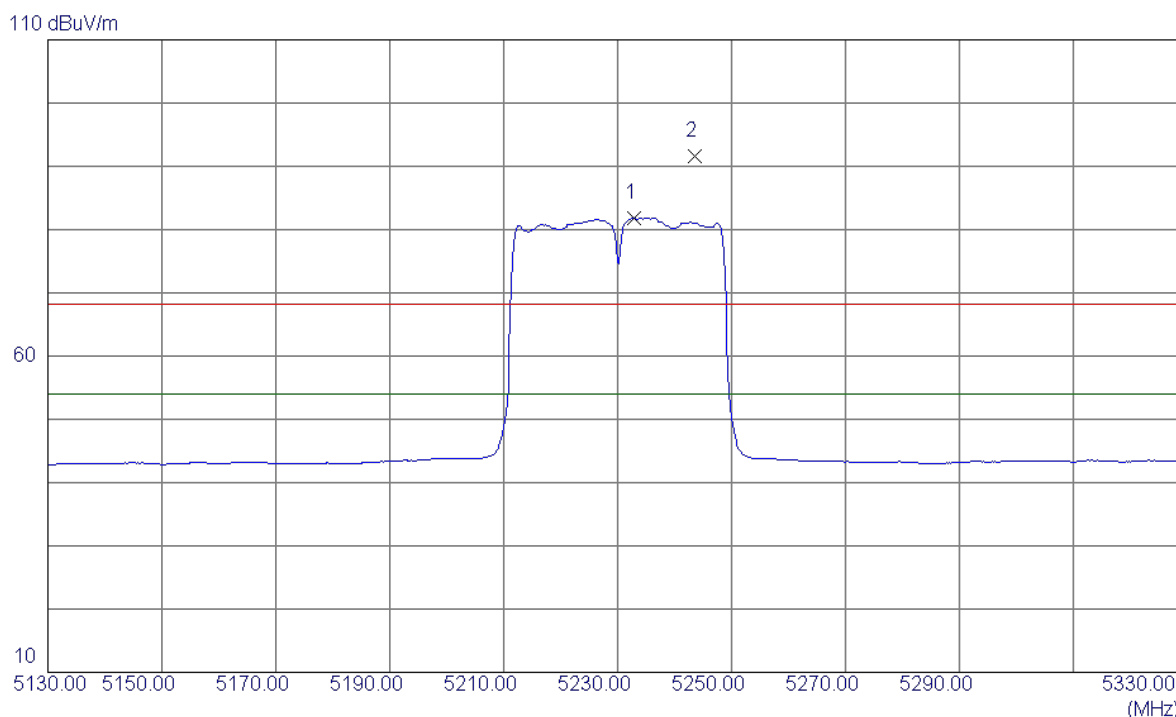
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.1650	24.89	14.52	39.41	68.30	-28.89	Peak	
2	10460.2850	13.08	14.52	27.60	54.00	-26.40	AVG	

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

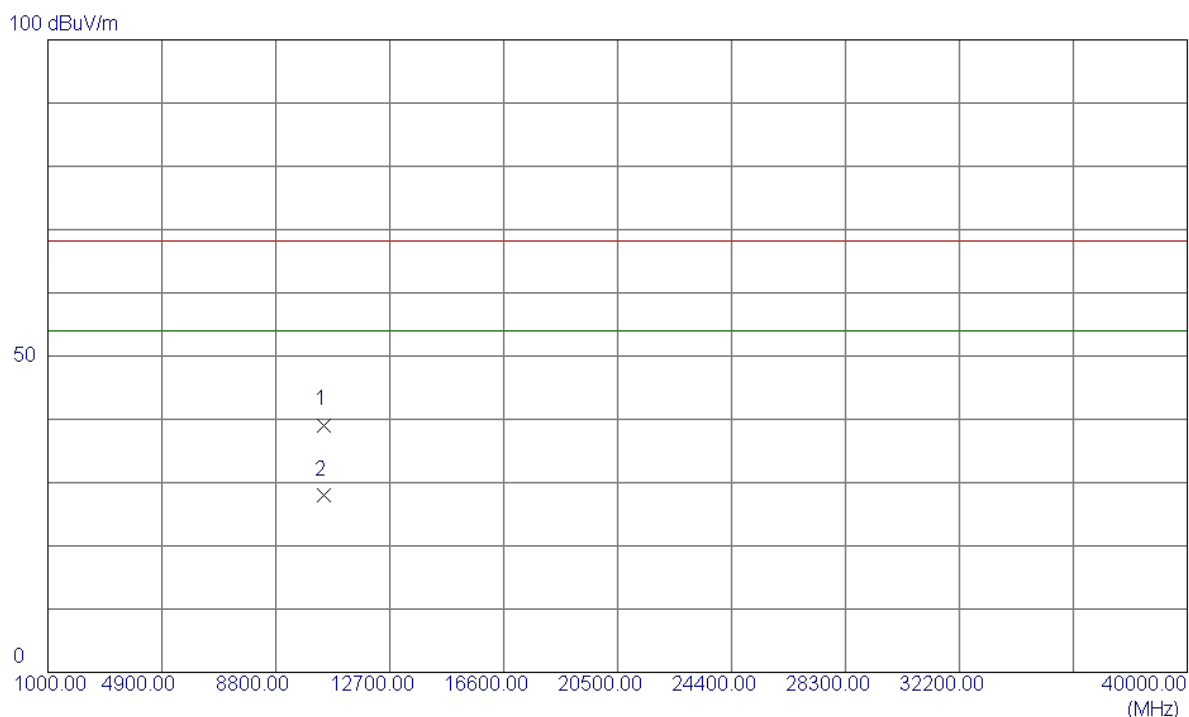
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5232.8000	40.19	41.68	81.87	54.00	27.87	AVG	no limit
2	5243.6000	49.96	41.71	91.67	68.30	23.37	Peak	no limit

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

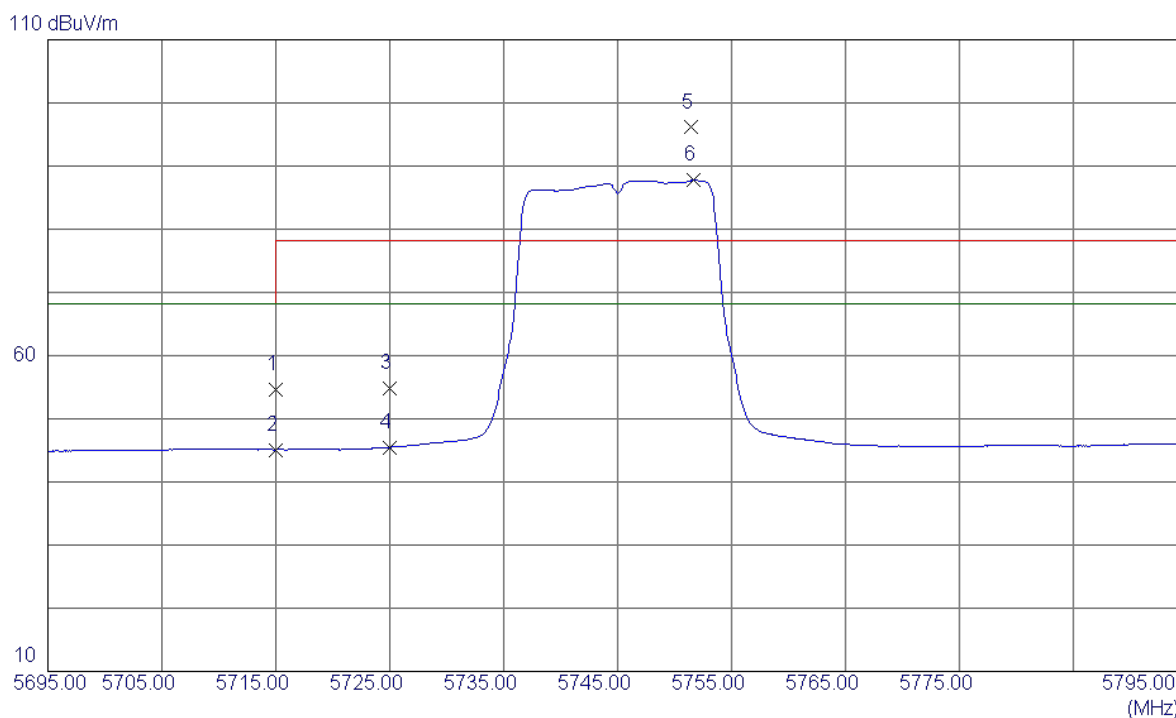
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10459.8050	24.58	14.52	39.10	68.30	-29.20	Peak	
2	10460.2300	13.41	14.52	27.93	54.00	-26.07	AVG	

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

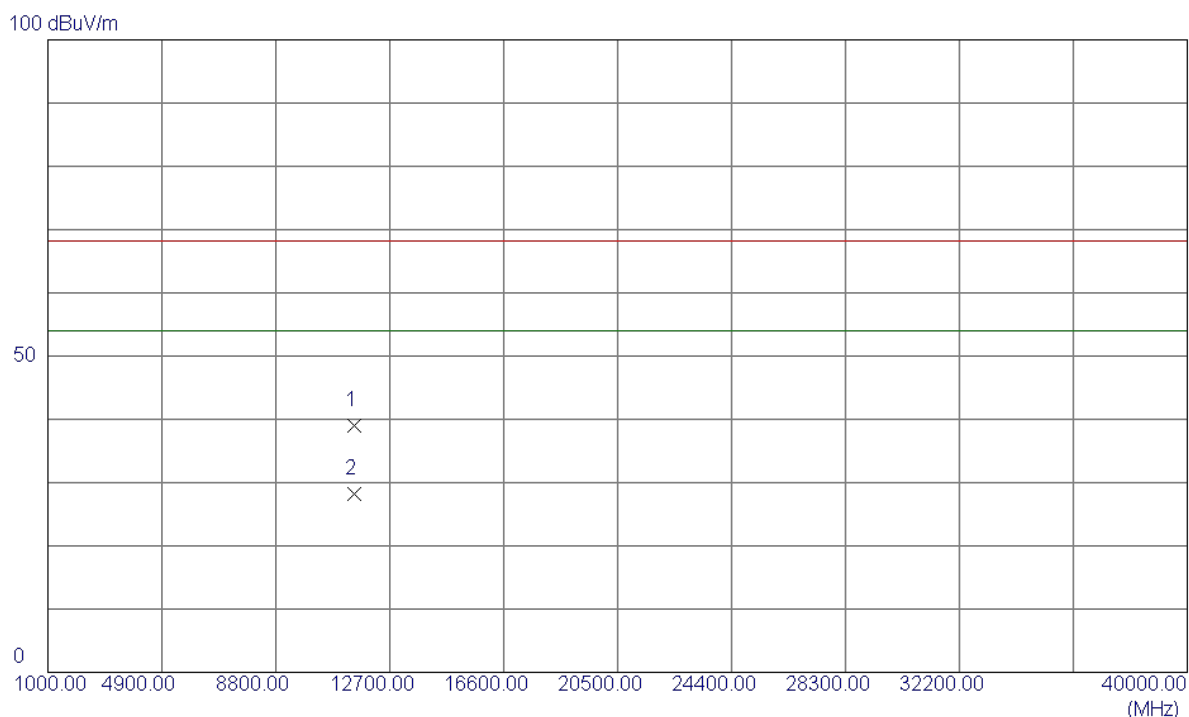
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.51	43.04	54.55	68.30	-13.75	Peak	
2	5715.0000	2.04	43.04	45.08	68.30	-23.22	AVG	no limit
3	5725.0000	11.67	43.06	54.73	78.30	-23.57	Peak	
4	5725.0000	2.43	43.06	45.49	68.30	-22.81	AVG	
5	5751.4000	52.98	43.12	96.10	78.30	17.80	Peak	no limit
6	5751.7000	44.62	43.12	87.74	68.30	19.44	AVG	no limit

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

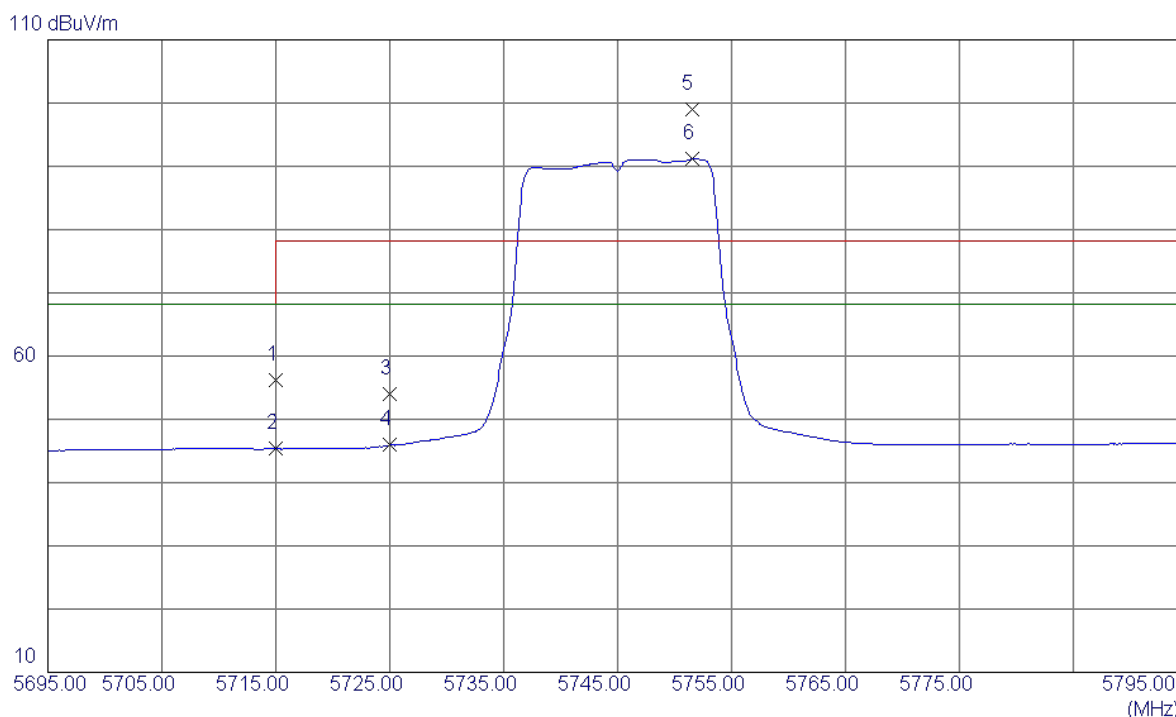
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.0350	23.50	15.52	39.02	68.30	-29.28	Peak	
2	11490.1100	12.66	15.52	28.18	54.00	-25.82	AVG	

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

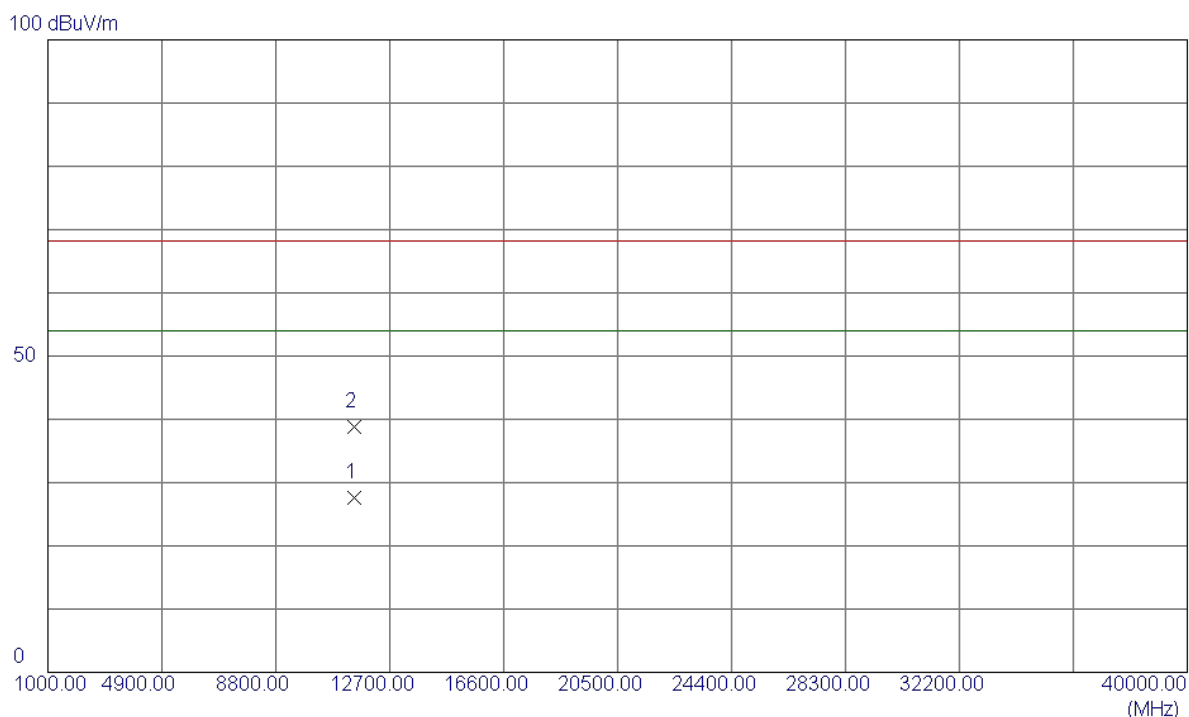
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	13.16	43.04	56.20	68.30	-12.10	Peak	
2	5715.0000	2.28	43.04	45.32	68.30	-22.98	AVG	no limit
3	5725.0000	10.93	43.06	53.99	78.30	-24.31	Peak	
4	5725.0000	2.85	43.06	45.91	68.30	-22.39	AVG	
5	5751.5000	55.80	43.12	98.92	78.30	20.62	Peak	no limit
6	5751.6000	48.02	43.12	91.14	68.30	22.84	AVG	no limit

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

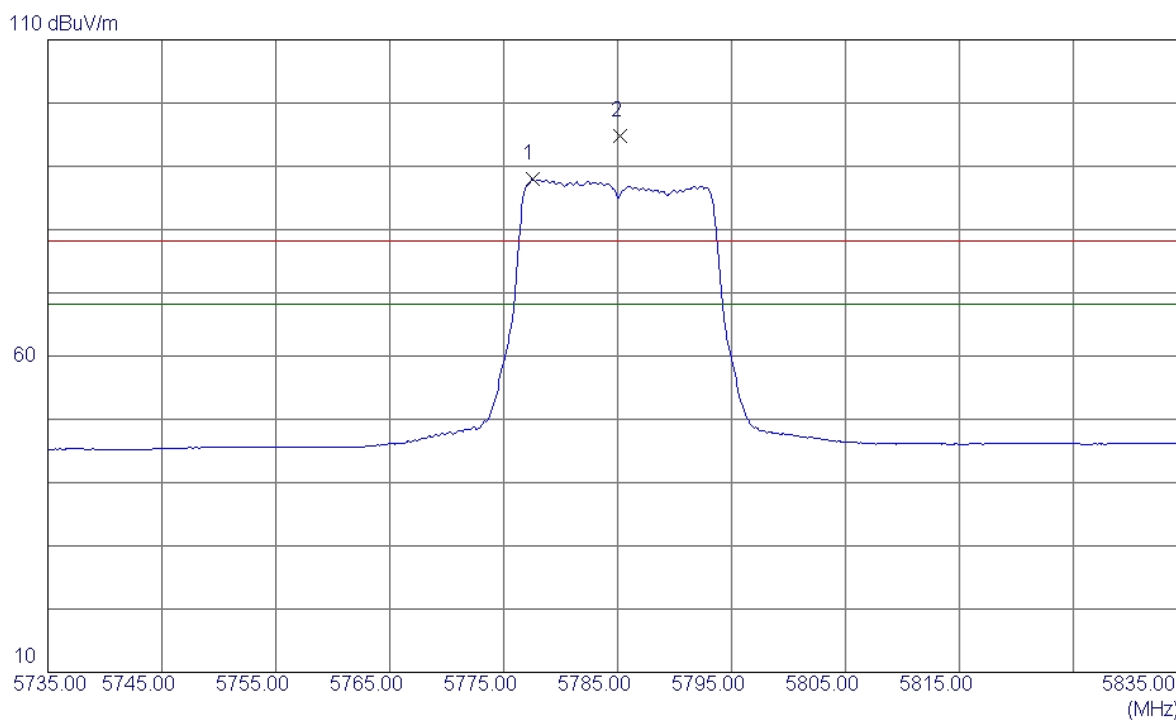
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.0750	12.07	15.52	27.59	54.00	-26.41	AVG	
2	11490.1000	23.20	15.52	38.72	68.30	-29.58	Peak	

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

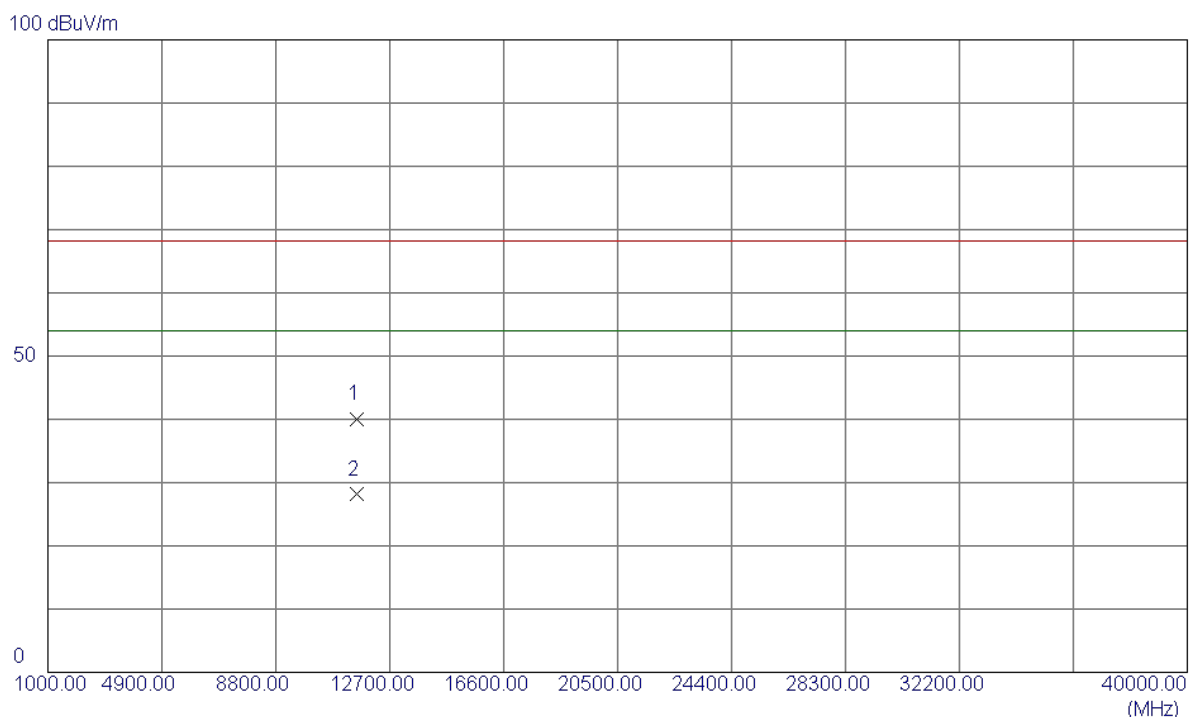
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5777.5000	44.76	43.18	87.94	68.30	19.64	AVG	no limit
2	5785.2000	51.67	43.19	94.86	78.30	16.56	Peak	no limit

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

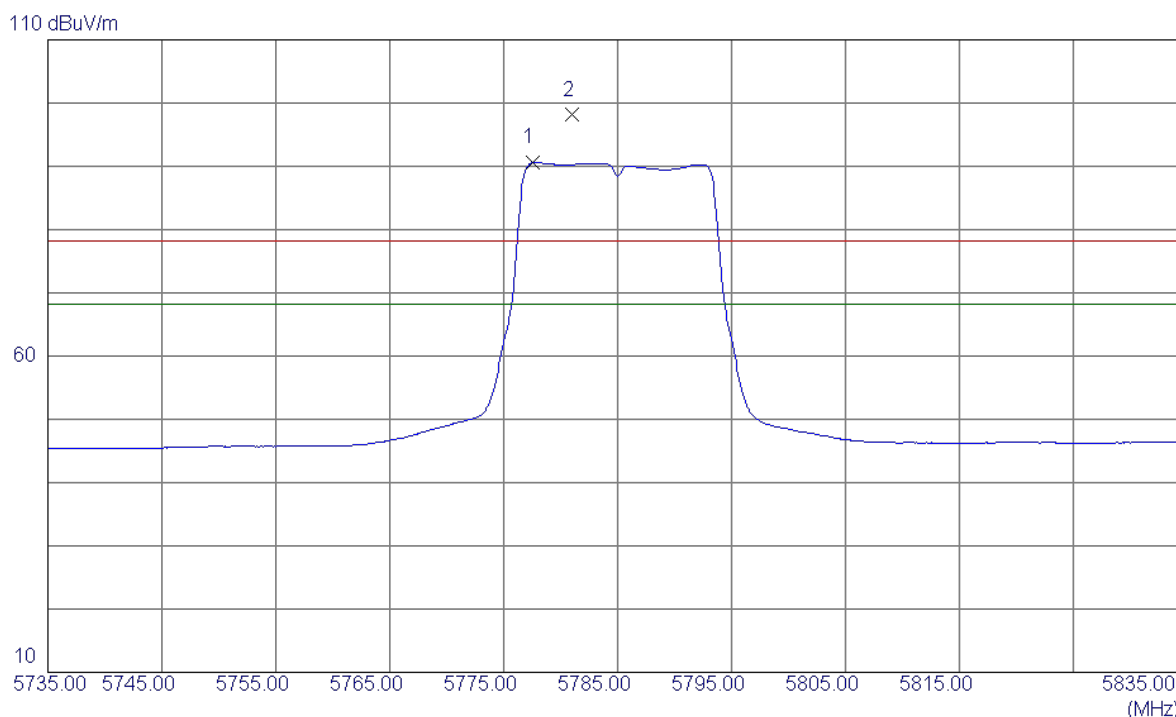
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.8500	24.45	15.55	40.00	68.30	-28.30	Peak	
2	11570.0100	12.55	15.55	28.10	54.00	-25.90	AVG	

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

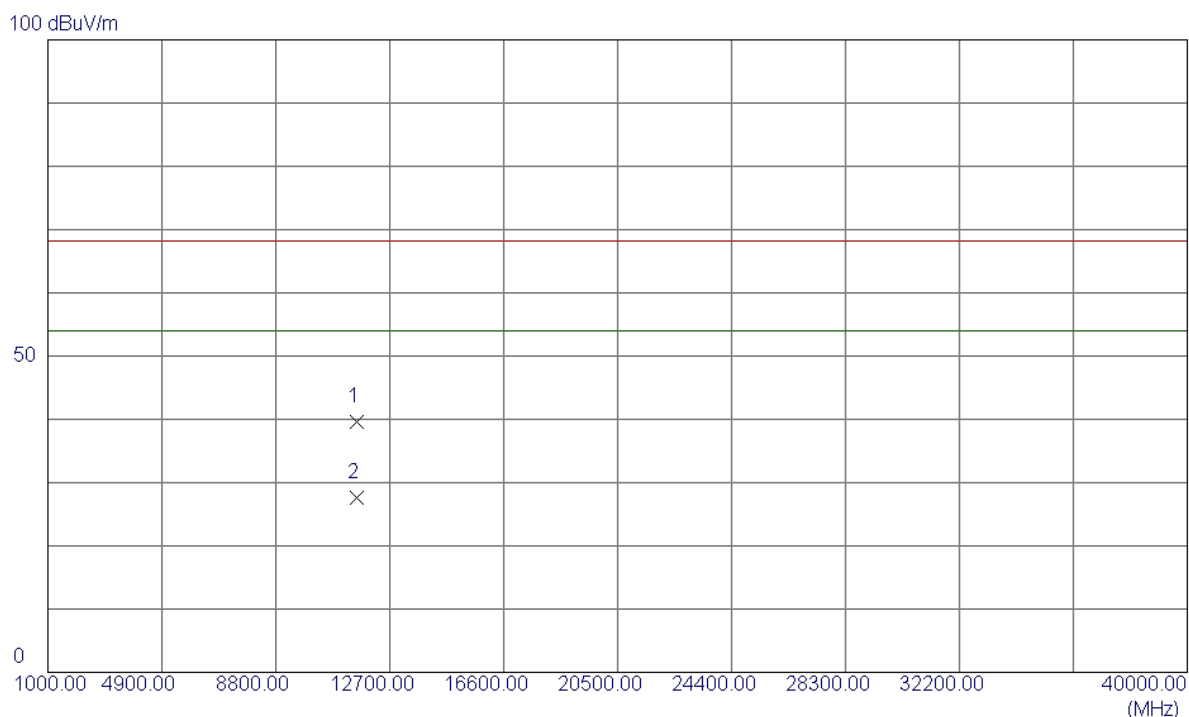
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5777.5000	47.38	43.18	90.56	68.30	22.26	AVG	no limit
2	5781.0000	54.92	43.18	98.10	78.30	19.80	Peak	no limit

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

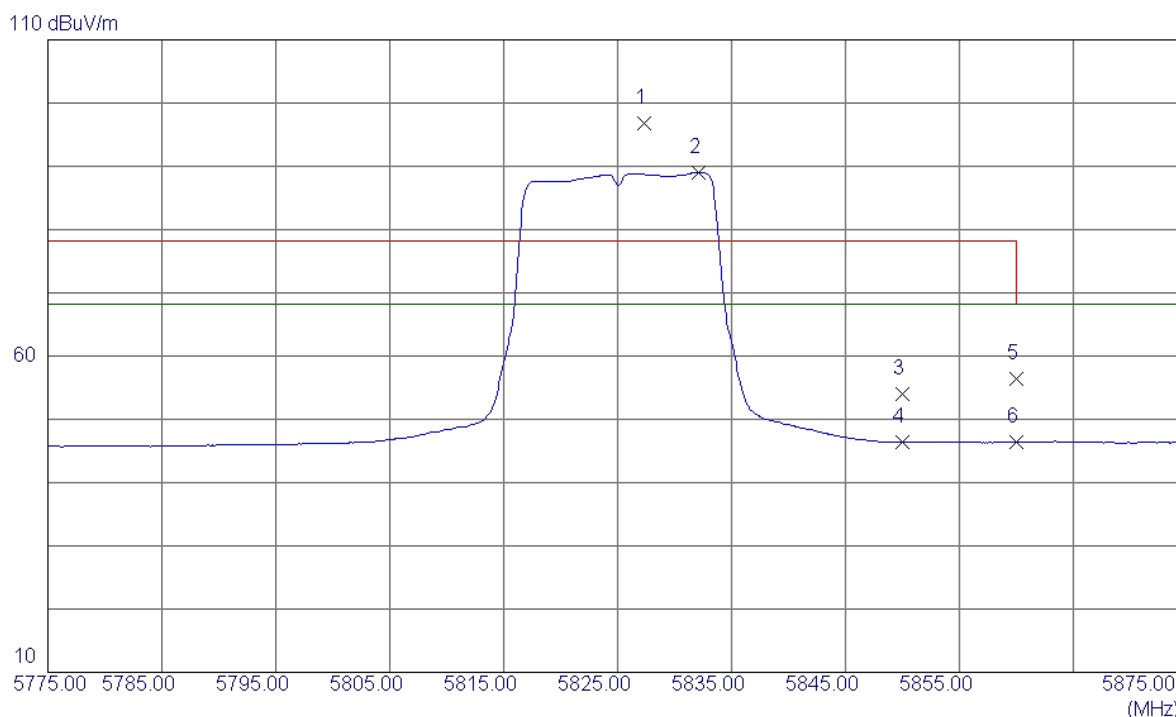
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.4250	24.08	15.55	39.63	68.30	-28.67	Peak	
2	11570.1400	12.01	15.55	27.56	54.00	-26.44	AVG	

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

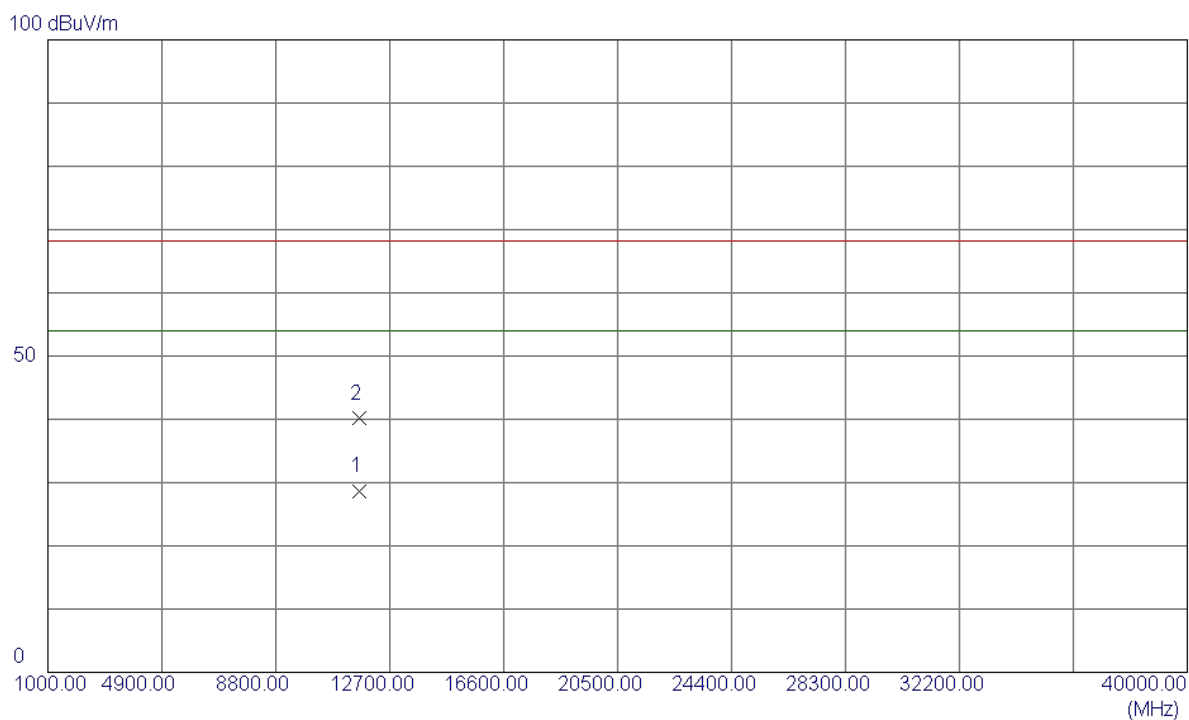
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5827.3000	53.49	43.29	96.78	78.30	18.48	Peak	no limit
2	5832.1000	45.70	43.30	89.00	68.30	20.70	AVG	no limit
3	5850.0000	10.69	43.34	54.03	78.30	-24.27	Peak	
4	5850.0000	3.05	43.34	46.39	68.30	-21.91	AVG	
5	5860.0000	13.00	43.36	56.36	78.30	-21.94	Peak	
6	5860.0000	3.00	43.36	46.36	68.30	-21.94	AVG	

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

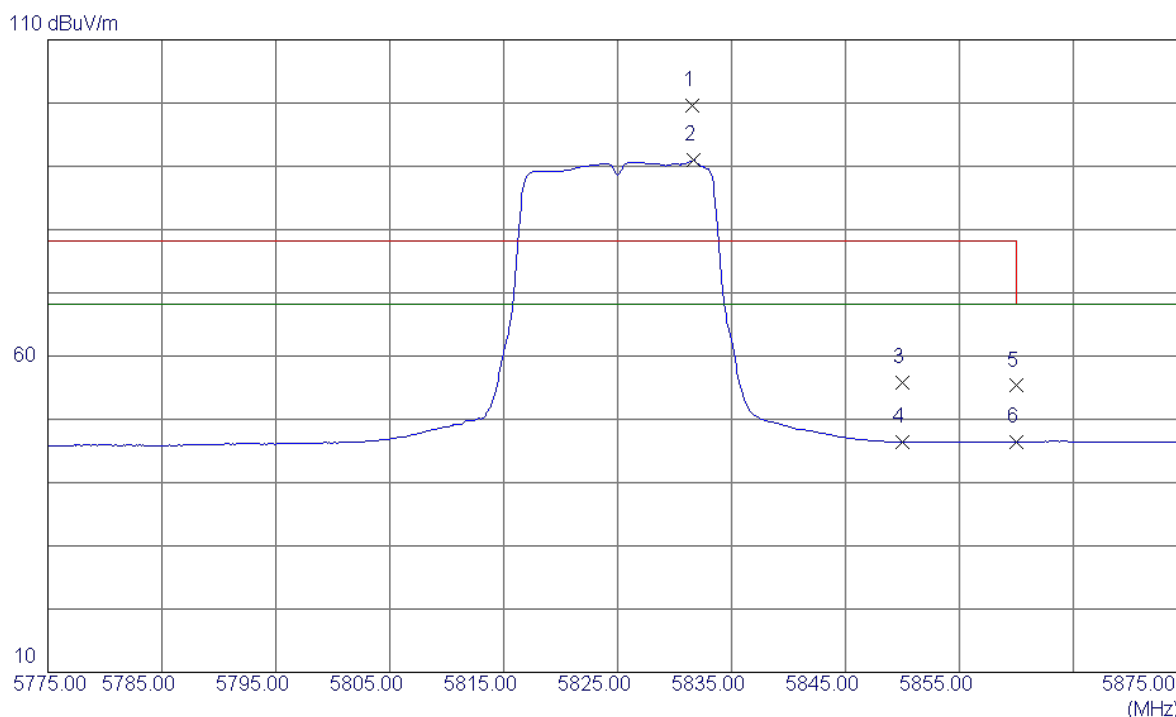
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.0700	13.09	15.58	28.67	54.00	-25.33	AVG	
2	11650.0750	24.52	15.58	40.10	68.30	-28.20	Peak	

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

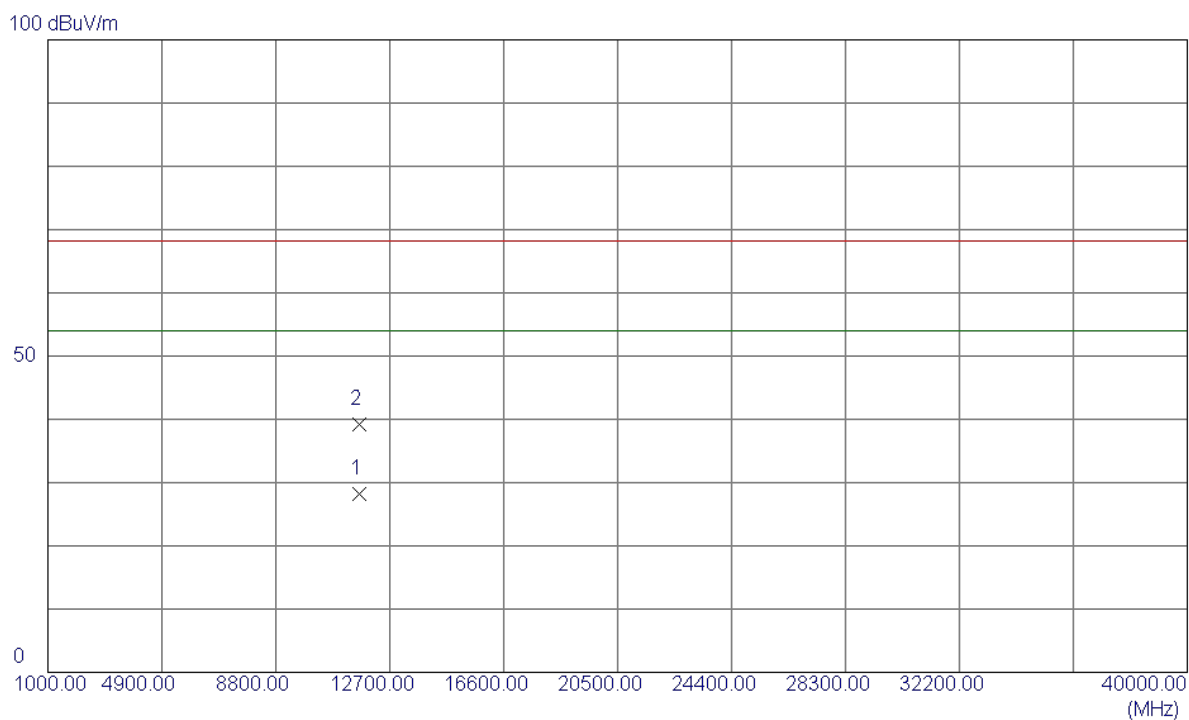
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5831.6000	56.39	43.30	99.69	78.30	21.39	Peak	no limit
2	5831.7000	47.61	43.30	90.91	68.30	22.61	AVG	no limit
3	5850.0000	12.46	43.34	55.80	78.30	-22.50	Peak	
4	5850.0000	3.11	43.34	46.45	68.30	-21.85	AVG	
5	5860.0000	11.94	43.36	55.30	78.30	-23.00	Peak	
6	5860.0000	3.08	43.36	46.44	68.30	-21.86	AVG	

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

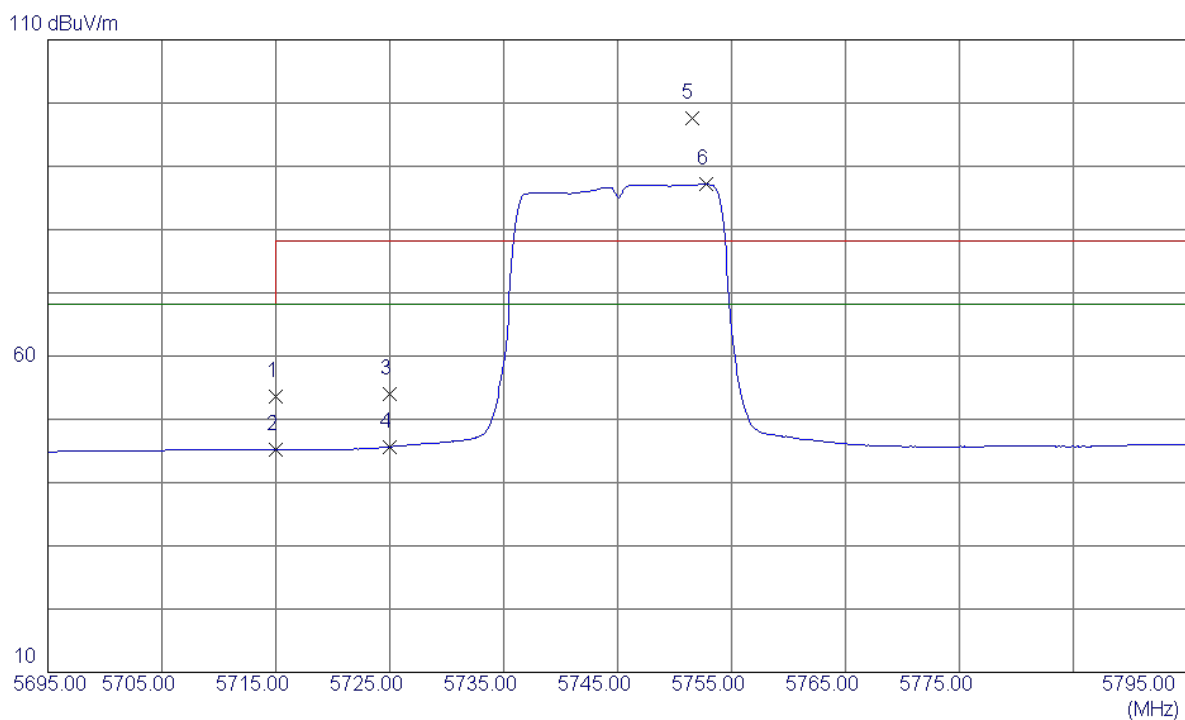
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.1350	12.56	15.58	28.14	54.00	-25.86	AVG	
2	11650.2150	23.67	15.58	39.25	68.30	-29.05	Peak	

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

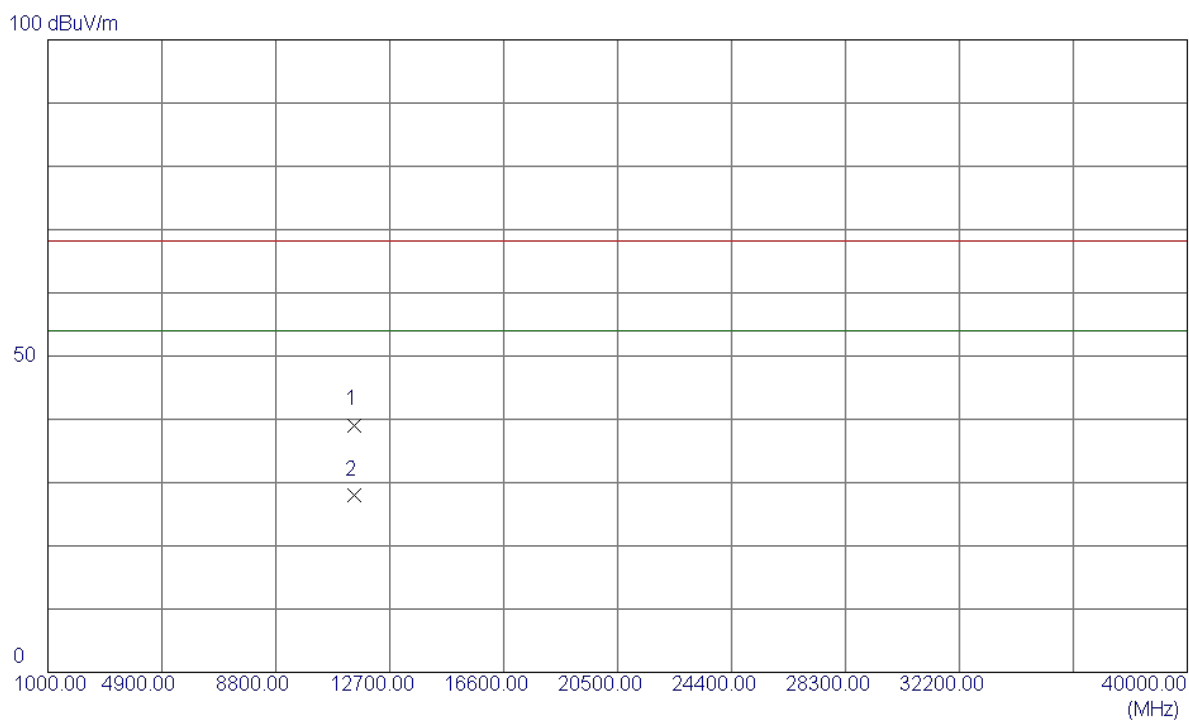
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	10.55	43.04	53.59	68.30	-14.71	Peak	
2	5715.0000	2.12	43.04	45.16	68.30	-23.14	AVG	no limit
3	5725.0000	10.89	43.06	53.95	78.30	-24.35	Peak	
4	5725.0000	2.60	43.06	45.66	68.30	-22.64	AVG	
5	5751.5000	54.56	43.12	97.68	78.30	19.38	Peak	no limit
6	5752.8000	44.06	43.12	87.18	68.30	18.88	AVG	no limit

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

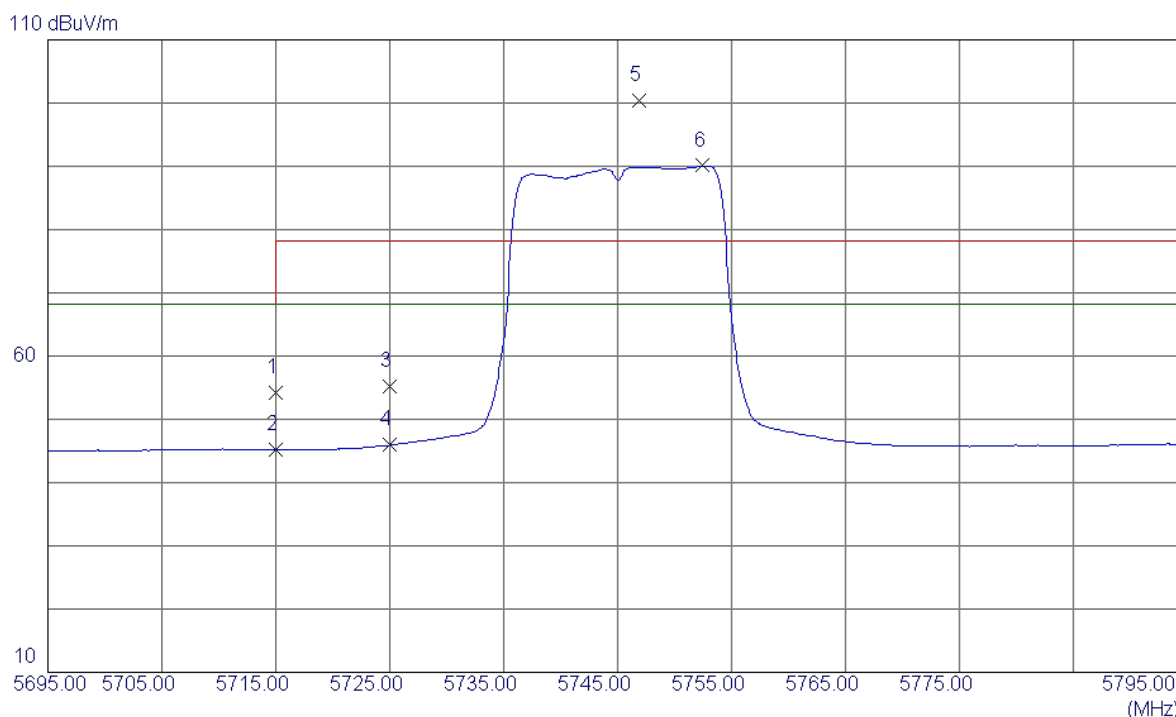
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.0700	23.58	15.52	39.10	68.30	-29.20	Peak	
2	11490.1849	12.43	15.52	27.95	54.00	-26.05	AVG	

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

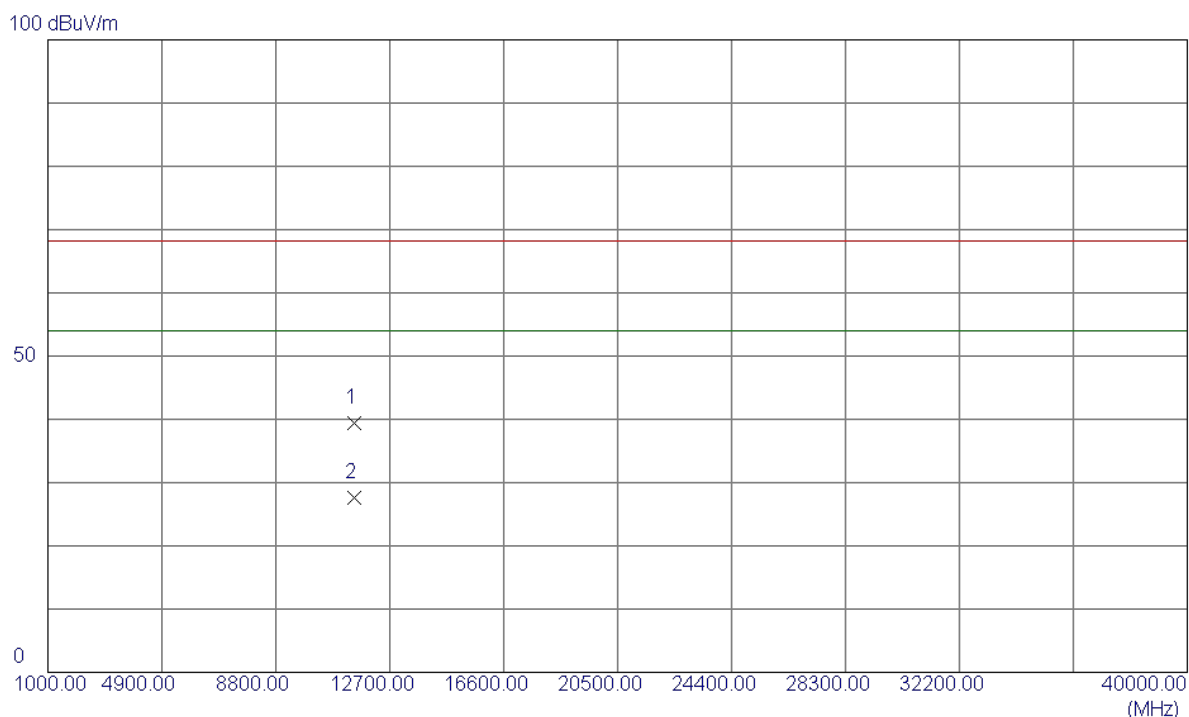
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.11	43.04	54.15	68.30	-14.15	Peak	
2	5715.0000	2.17	43.04	45.21	68.30	-23.09	AVG	no limit
3	5725.0000	12.19	43.06	55.25	78.30	-23.05	Peak	
4	5725.0000	2.86	43.06	45.92	68.30	-22.38	AVG	
5	5746.9000	57.35	43.11	100.46	78.30	22.16	Peak	no limit
6	5752.5000	46.98	43.12	90.10	68.30	21.80	AVG	no limit

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

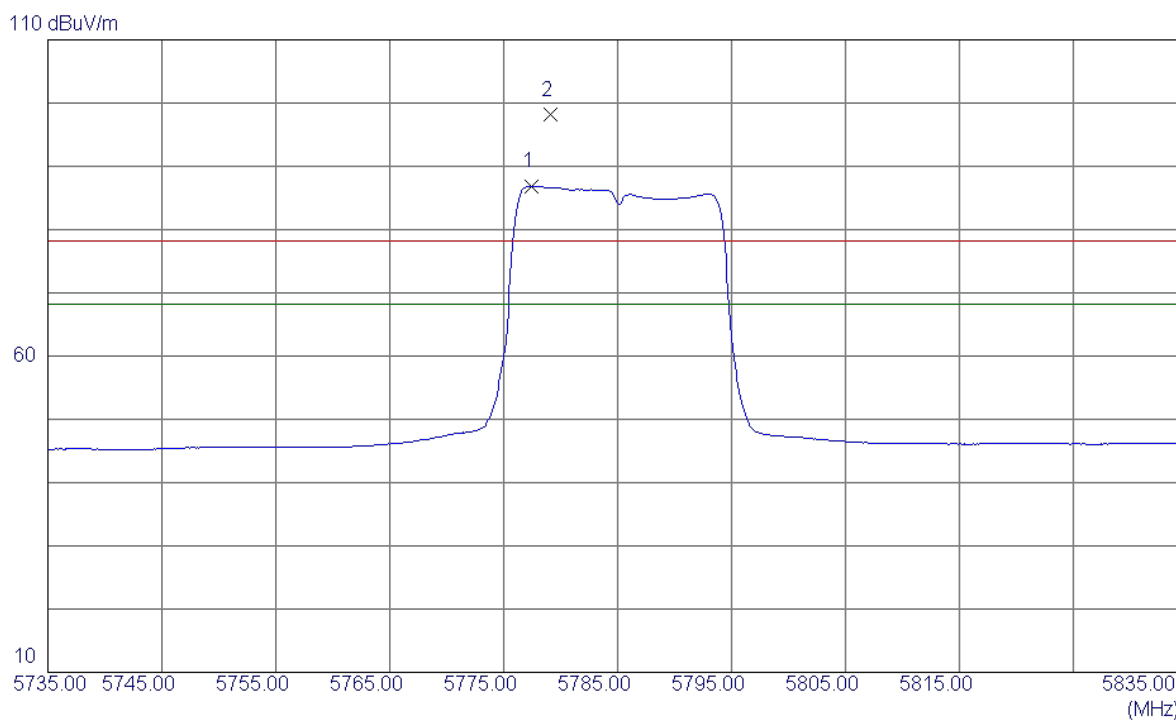
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11489.9150	23.89	15.52	39.41	68.30	-28.89	Peak	
2	11490.1449	12.04	15.52	27.56	54.00	-26.44	AVG	

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

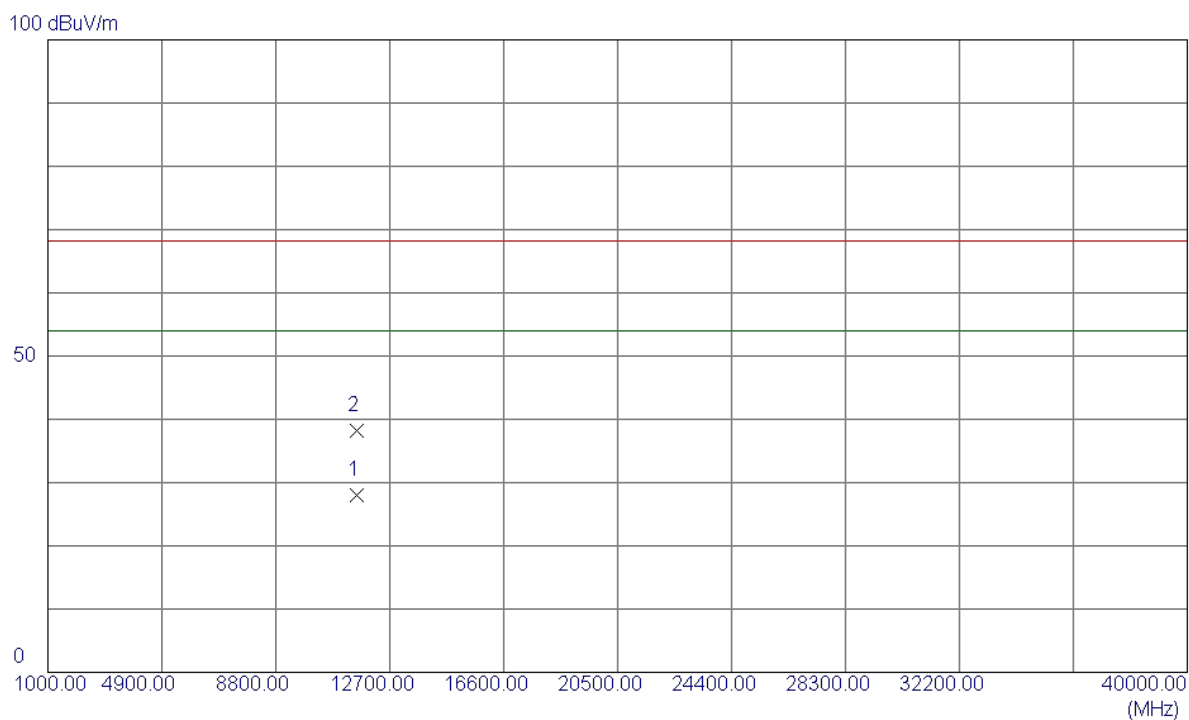
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5777.4000	43.64	43.18	86.82	68.30	18.52	AVG	no limit
2	5779.1000	54.92	43.18	98.10	78.30	19.80	Peak	no limit

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

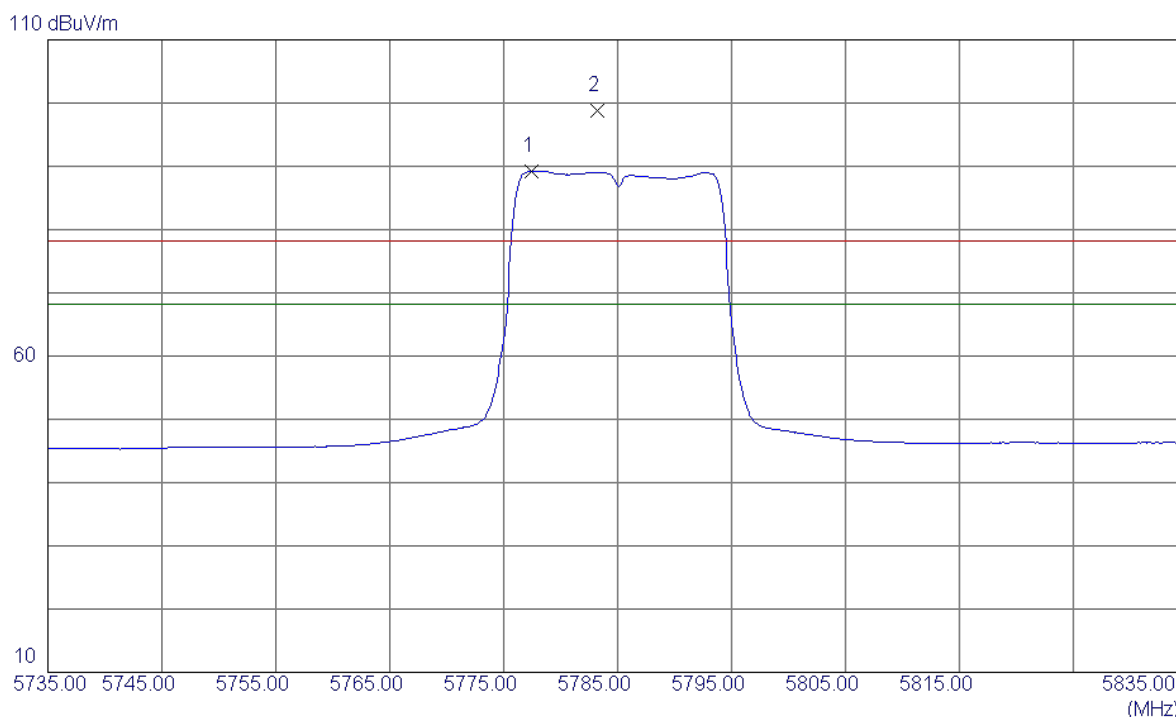
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.2100	12.45	15.55	28.00	54.00	-26.00	AVG	
2	11570.2500	22.57	15.55	38.12	68.30	-30.18	Peak	

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

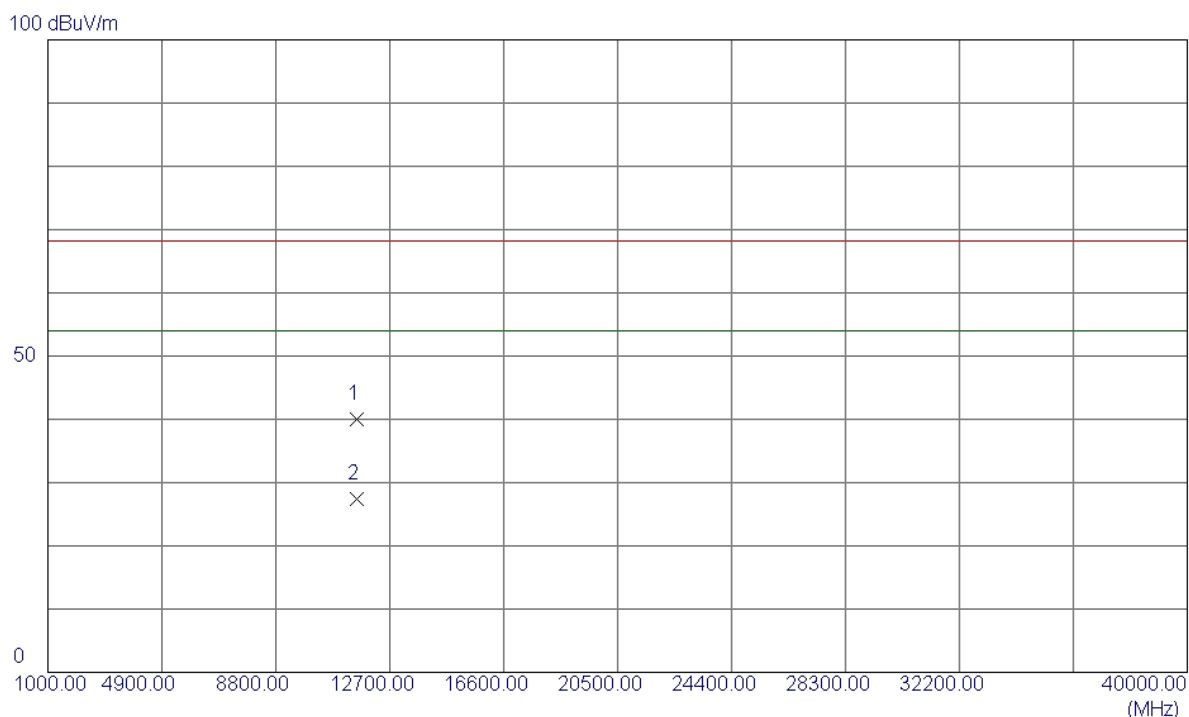
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5777.4000	46.07	43.18	89.25	68.30	20.95	AVG	no limit
2	5783.2000	55.69	43.19	98.88	78.30	20.58	Peak	no limit

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

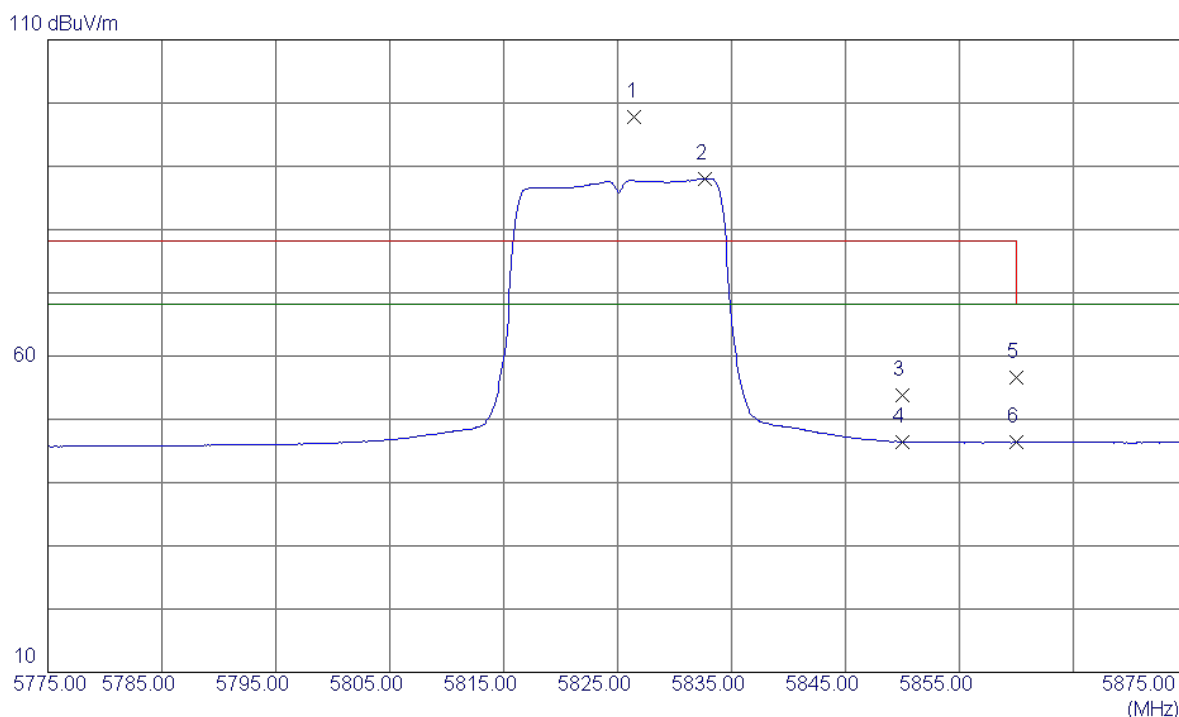
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.9850	24.41	15.55	39.96	68.30	-28.34	Peak	
2	11570.0950	11.94	15.55	27.49	54.00	-26.51	AVG	

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

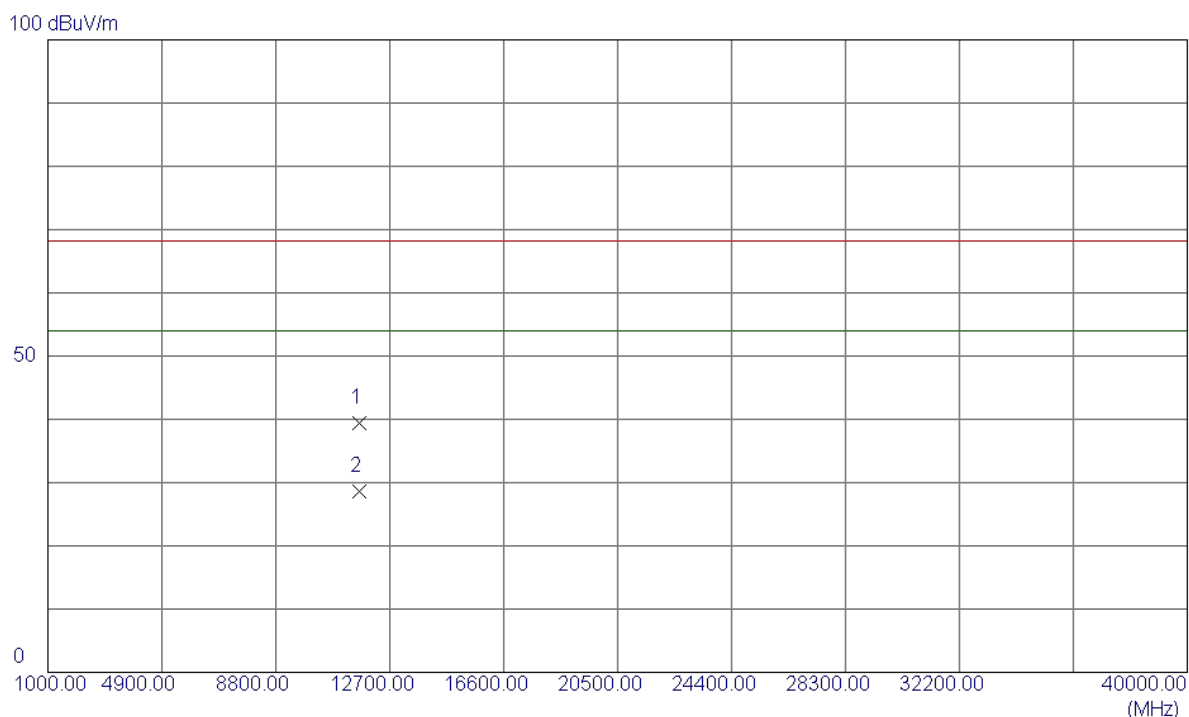
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5826.5000	54.47	43.28	97.75	78.30	19.45	Peak	no limit
2	5832.7000	44.77	43.30	88.07	68.30	19.77	AVG	no limit
3	5850.0000	10.55	43.34	53.89	78.30	-24.41	Peak	
4	5850.0000	3.05	43.34	46.39	68.30	-21.91	AVG	
5	5860.0000	13.17	43.36	56.53	78.30	-21.77	Peak	
6	5860.0000	2.97	43.36	46.33	68.30	-21.97	AVG	

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

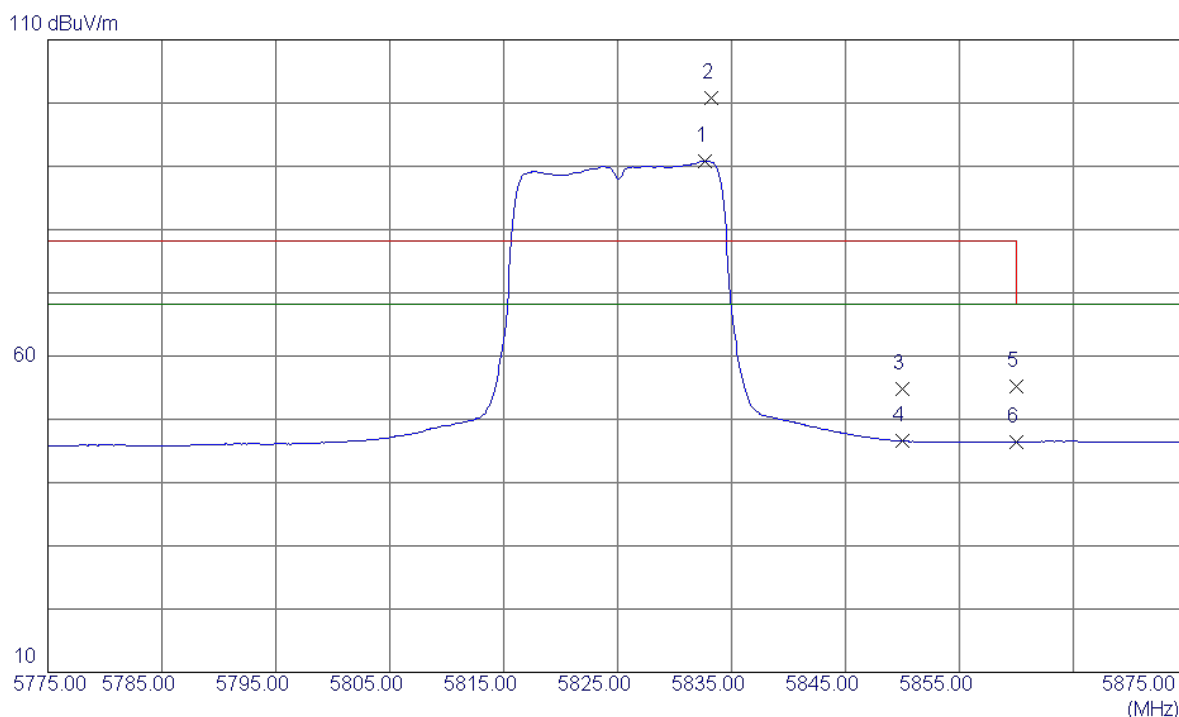
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11649.8750	23.90	15.58	39.48	68.30	-28.82	Peak	
2	11650.2250	12.95	15.58	28.53	54.00	-25.47	AVG	

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

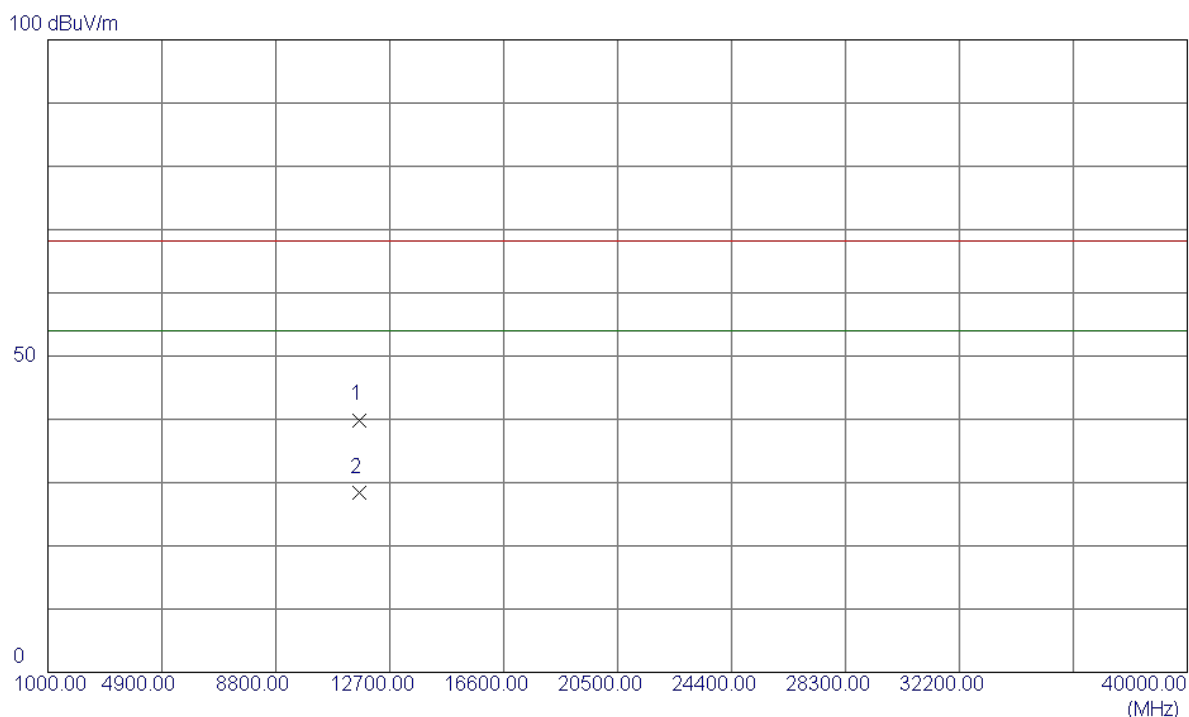
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5832.7000	47.51	43.30	90.81	68.30	22.51	AVG	no limit
2	5833.2000	57.42	43.30	100.72	78.30	22.42	Peak	no limit
3	5850.0000	11.41	43.34	54.75	78.30	-23.55	Peak	
4	5850.0000	3.18	43.34	46.52	68.30	-21.78	AVG	
5	5860.0000	11.76	43.36	55.12	78.30	-23.18	Peak	
6	5860.0000	3.10	43.36	46.46	68.30	-21.84	AVG	

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

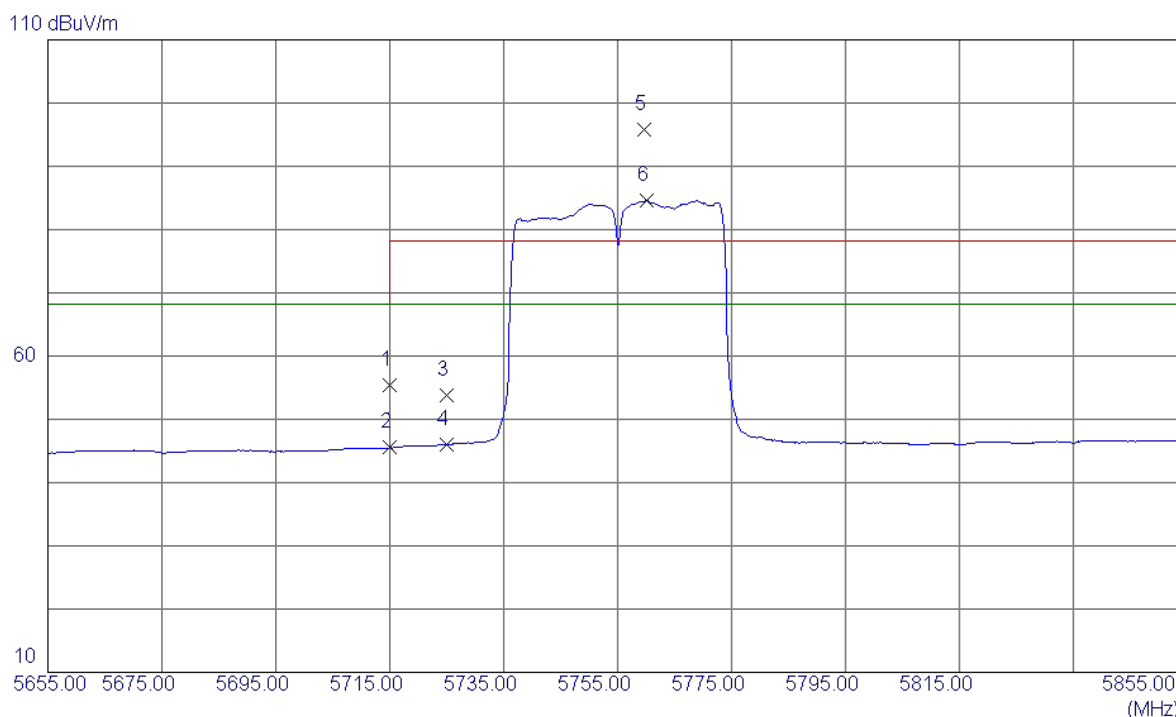
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11649.7800	24.32	15.58	39.90	68.30	-28.40	Peak	
2	11650.1400	12.82	15.58	28.40	54.00	-25.60	AVG	

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

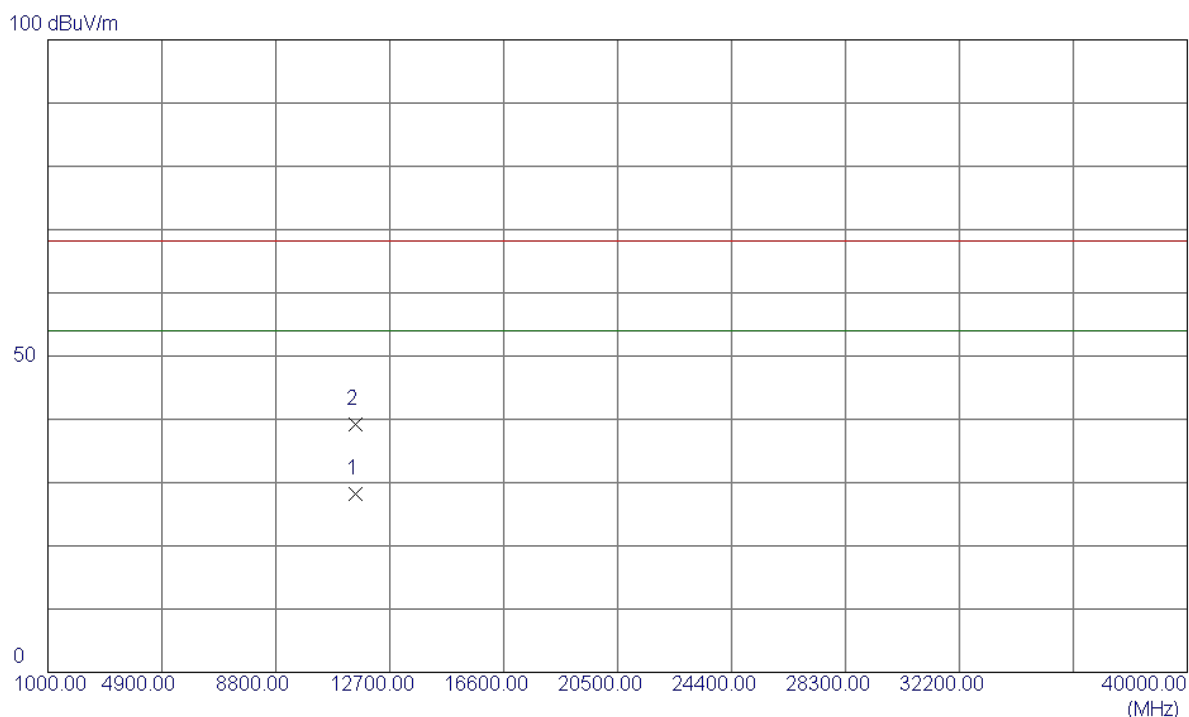
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	12.36	43.04	55.40	68.30	-12.90	Peak	
2	5715.0000	2.49	43.04	45.53	68.30	-22.77	AVG	no limit
3	5725.0000	10.81	43.06	53.87	78.30	-24.43	Peak	
4	5725.0000	2.93	43.06	45.99	68.30	-22.31	AVG	
5	5759.6000	52.74	43.14	95.88	78.30	17.58	Peak	no limit
6	5760.2000	41.48	43.14	84.62	68.30	16.32	AVG	no limit

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

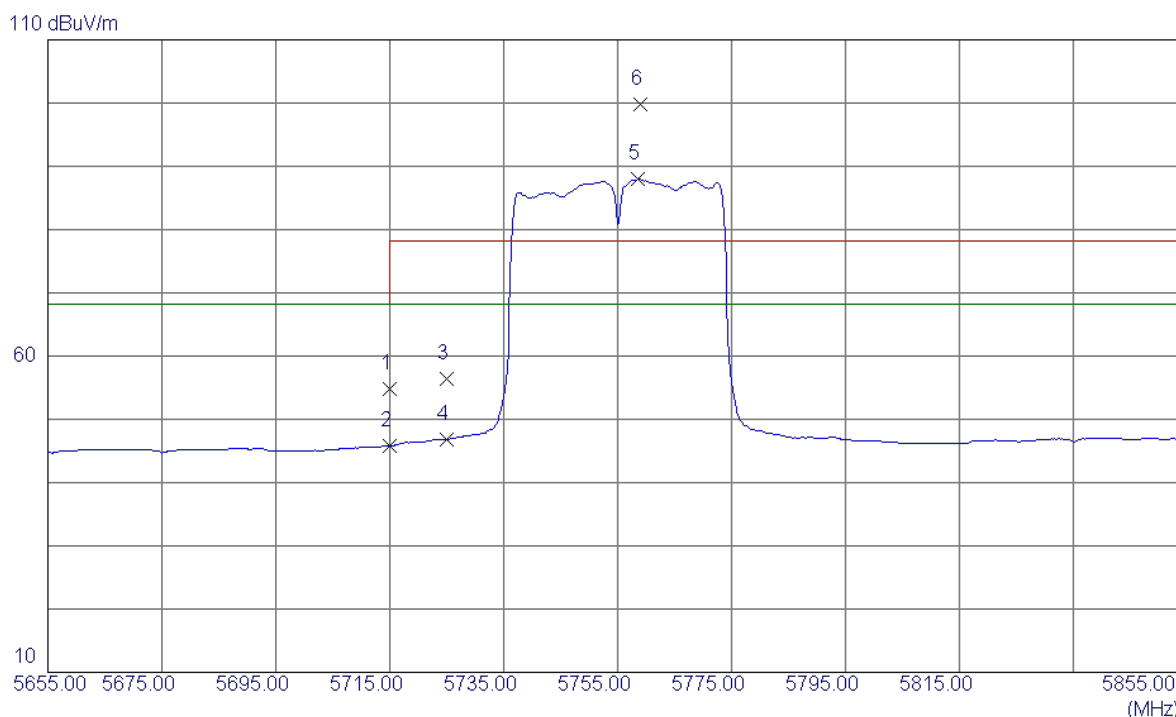
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.0800	12.62	15.52	28.14	54.00	-25.86	AVG	
2	11510.5300	23.60	15.52	39.12	68.30	-29.18	Peak	

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

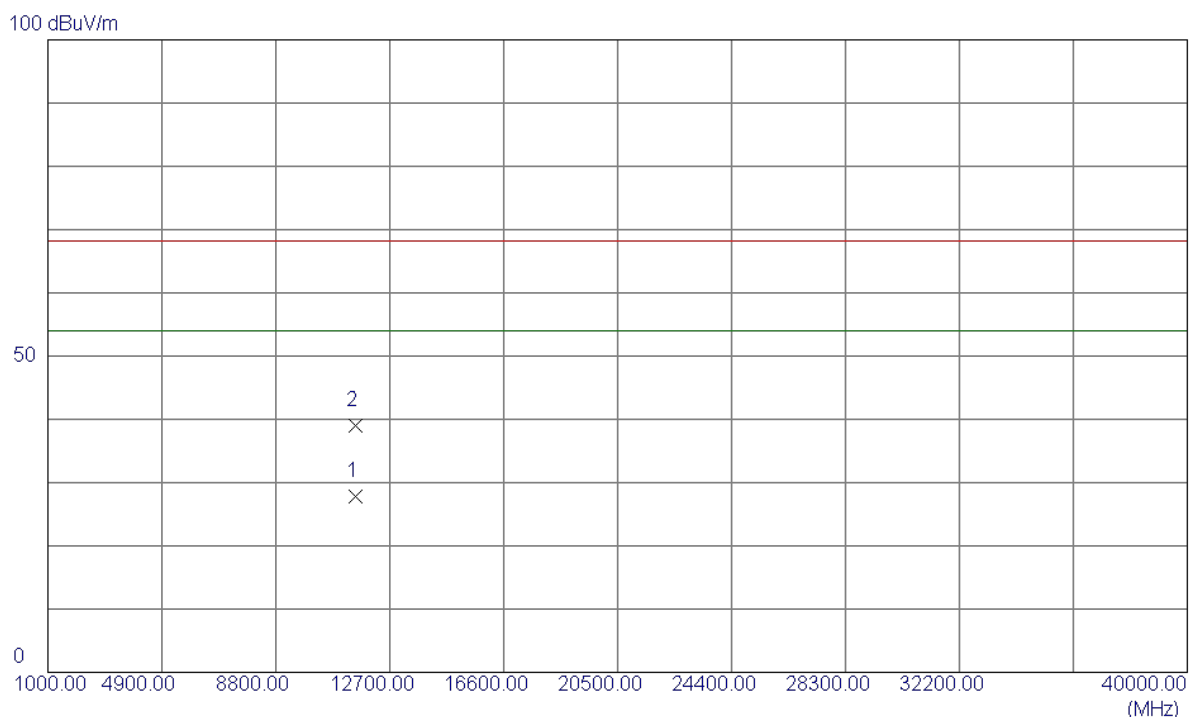
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.74	43.04	54.78	68.30	-13.52	Peak	
2	5715.0000	2.78	43.04	45.82	68.30	-22.48	AVG	no limit
3	5725.0000	13.26	43.06	56.32	78.30	-21.98	Peak	
4	5725.0000	3.82	43.06	46.88	68.30	-21.42	AVG	
5	5758.6000	44.79	43.13	87.92	68.30	19.62	AVG	no limit
6	5759.0000	56.69	43.13	99.82	78.30	21.52	Peak	no limit

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

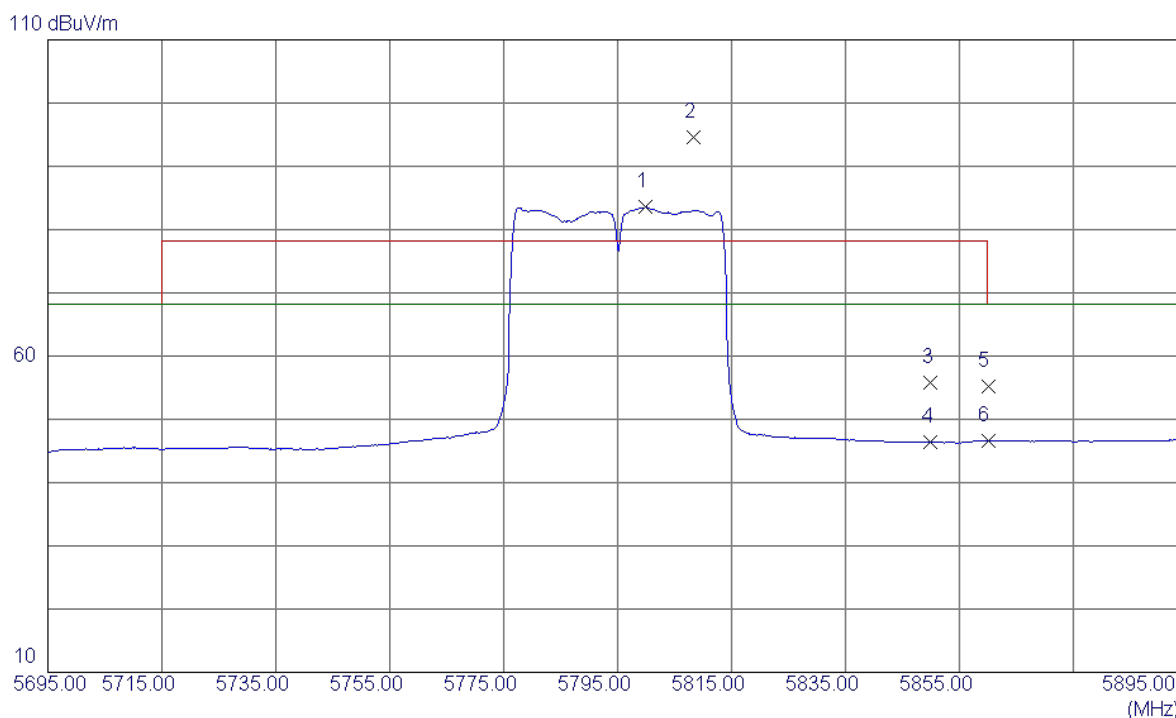
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.1550	12.30	15.52	27.82	54.00	-26.18	AVG	
2	11510.5400	23.45	15.52	38.97	68.30	-29.33	Peak	

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

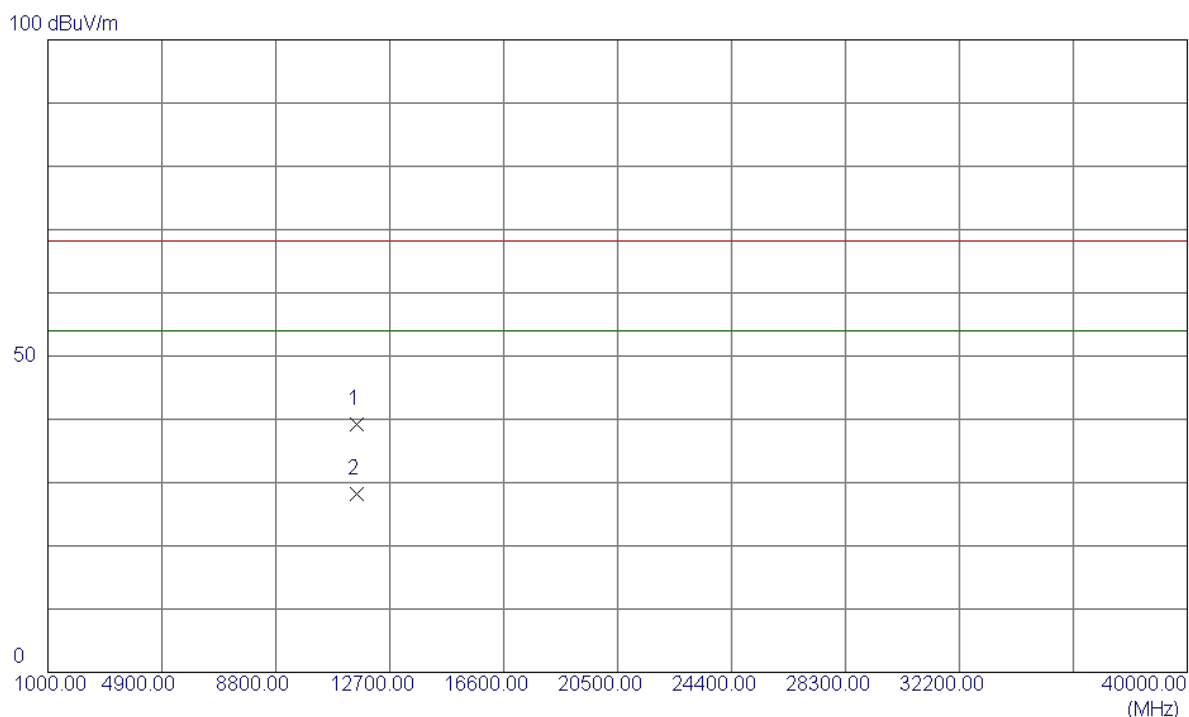
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5799.8000	40.36	43.23	83.59	68.30	15.29	AVG	no limit
2	5808.4000	51.35	43.24	94.59	78.30	16.29	Peak	no limit
3	5850.0000	12.37	43.34	55.71	78.30	-22.59	Peak	
4	5850.0000	2.97	43.34	46.31	68.30	-21.99	AVG	
5	5860.0000	11.79	43.36	55.15	78.30	-23.15	Peak	
6	5860.0000	3.18	43.36	46.54	68.30	-21.76	AVG	

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

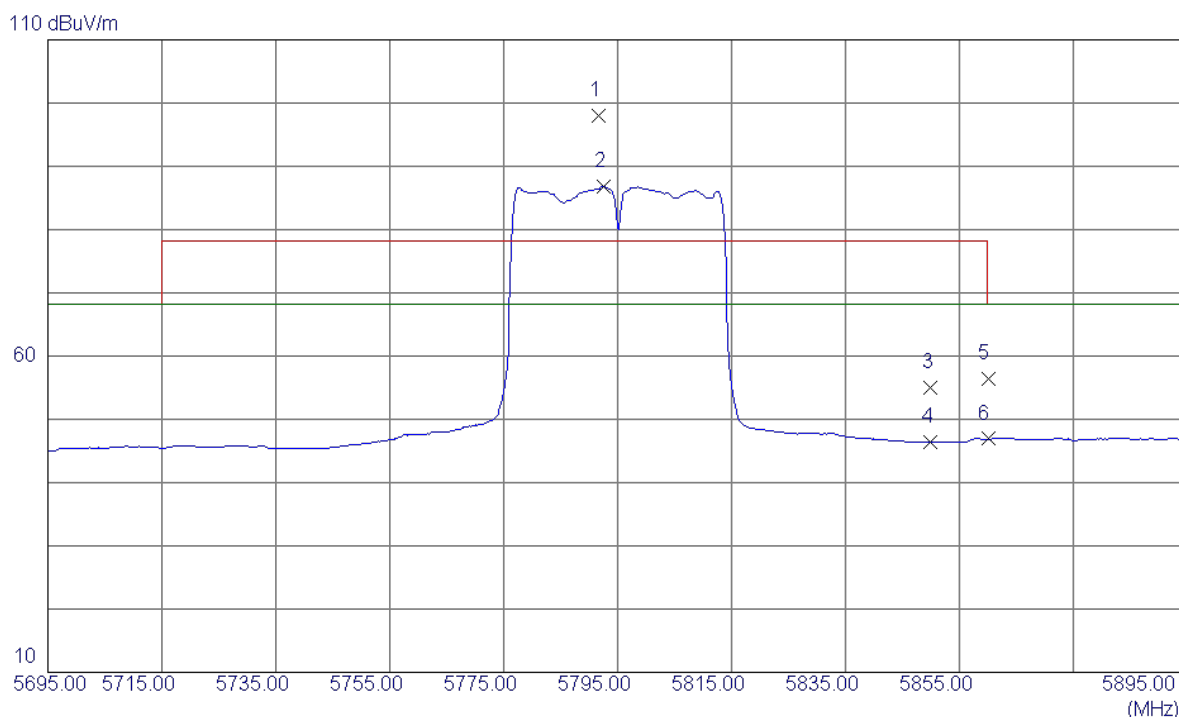
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.0100	23.59	15.55	39.14	68.30	-29.16	Peak	
2	11590.1400	12.68	15.55	28.23	54.00	-25.77	AVG	

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

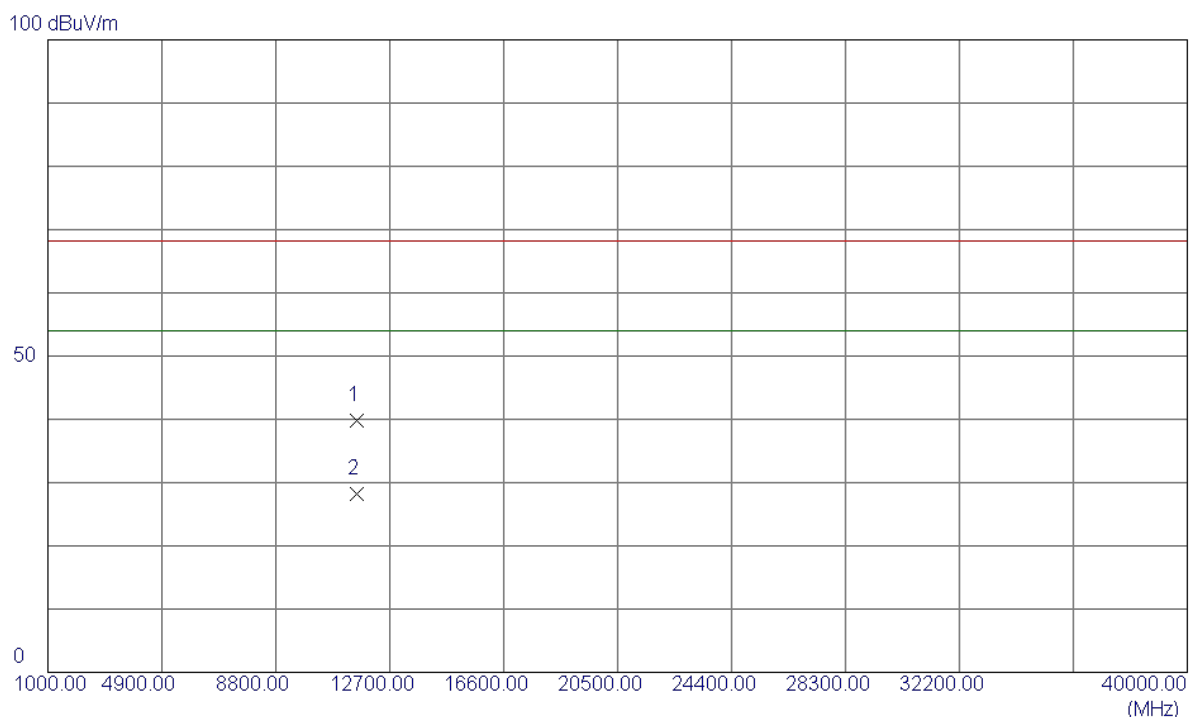
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5791.6000	54.86	43.21	98.07	78.30	19.77	Peak	no limit
2	5792.6000	43.62	43.21	86.83	68.30	18.53	AVG	no limit
3	5850.0000	11.71	43.34	55.05	78.30	-23.25	Peak	
4	5850.0000	3.08	43.34	46.42	68.30	-21.88	AVG	
5	5860.0000	13.11	43.36	56.47	78.30	-21.83	Peak	
6	5860.0000	3.54	43.36	46.90	68.30	-21.40	AVG	

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

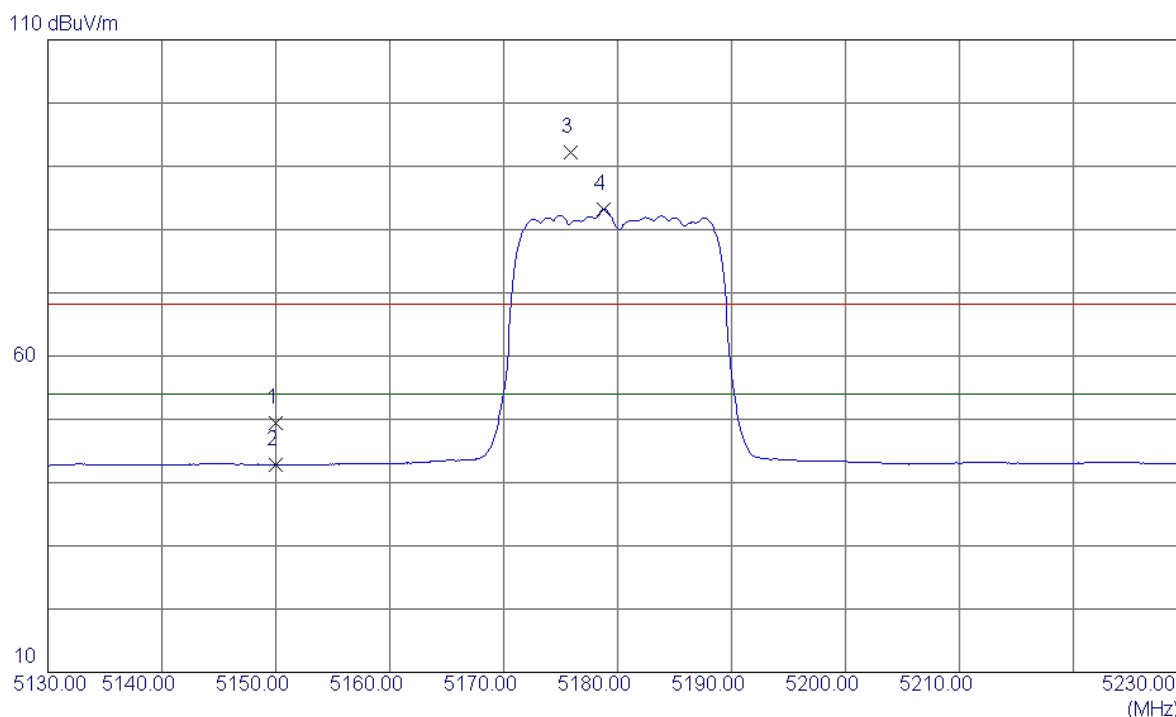
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.0700	24.28	15.55	39.83	68.30	-28.47	Peak	
2	11590.2699	12.62	15.55	28.17	54.00	-25.83	AVG	

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

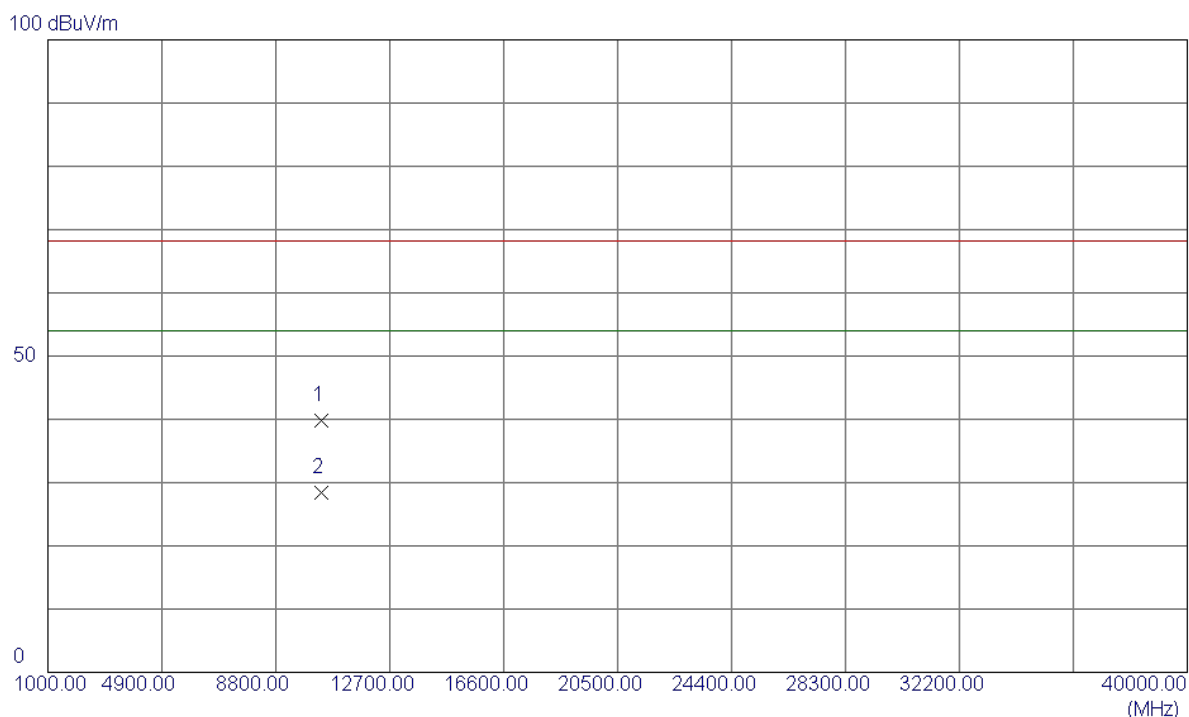
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.00	41.40	49.40	68.30	-18.90	Peak	
2	5150.0000	1.36	41.40	42.76	54.00	-11.24	AVG	
3	5175.9000	50.70	41.49	92.19	68.30	23.89	Peak	no limit
4	5178.8000	41.73	41.50	83.23	54.00	29.23	AVG	no limit

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

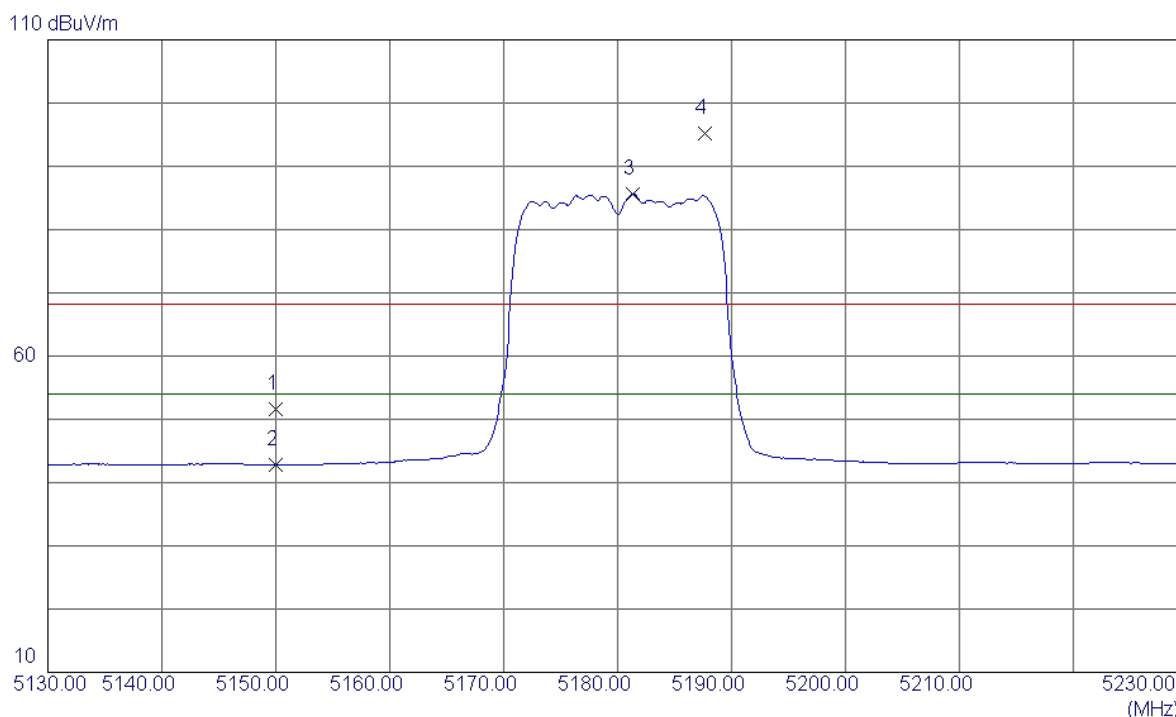
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.1100	25.47	14.33	39.80	68.30	-28.50	Peak	
2	10360.1600	14.12	14.33	28.45	54.00	-25.55	AVG	

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

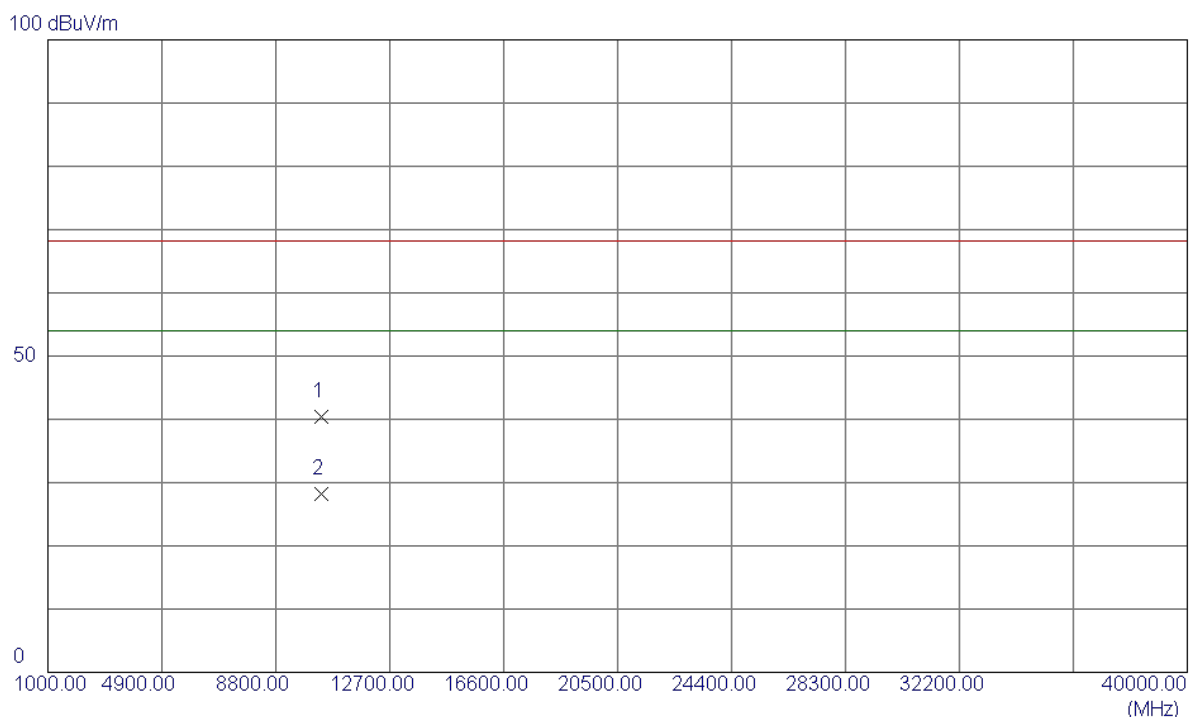
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.16	41.40	51.56	68.30	-16.74	Peak	
2	5150.0000	1.39	41.40	42.79	54.00	-11.21	AVG	
3	5181.3000	44.06	41.51	85.57	54.00	31.57	AVG	no limit
4	5187.7000	53.66	41.53	95.19	68.30	26.89	Peak	no limit

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

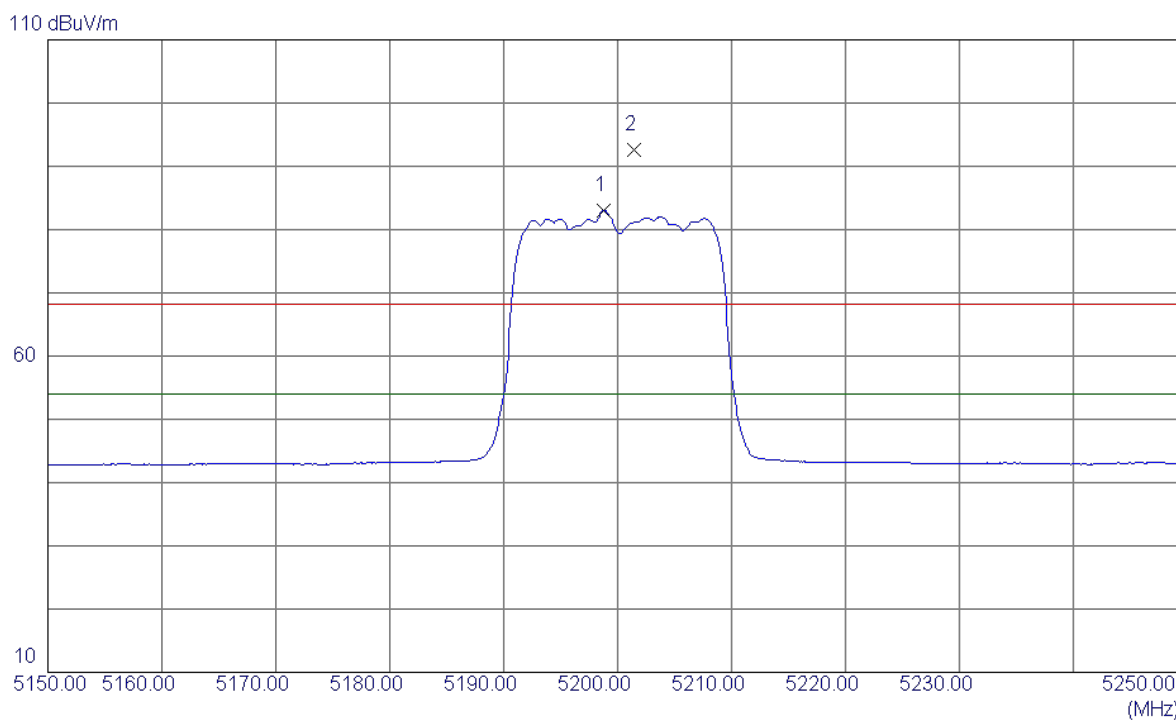
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.6100	25.99	14.32	40.31	68.30	-27.99	Peak	
2	10360.0000	13.91	14.33	28.24	54.00	-25.76	AVG	

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

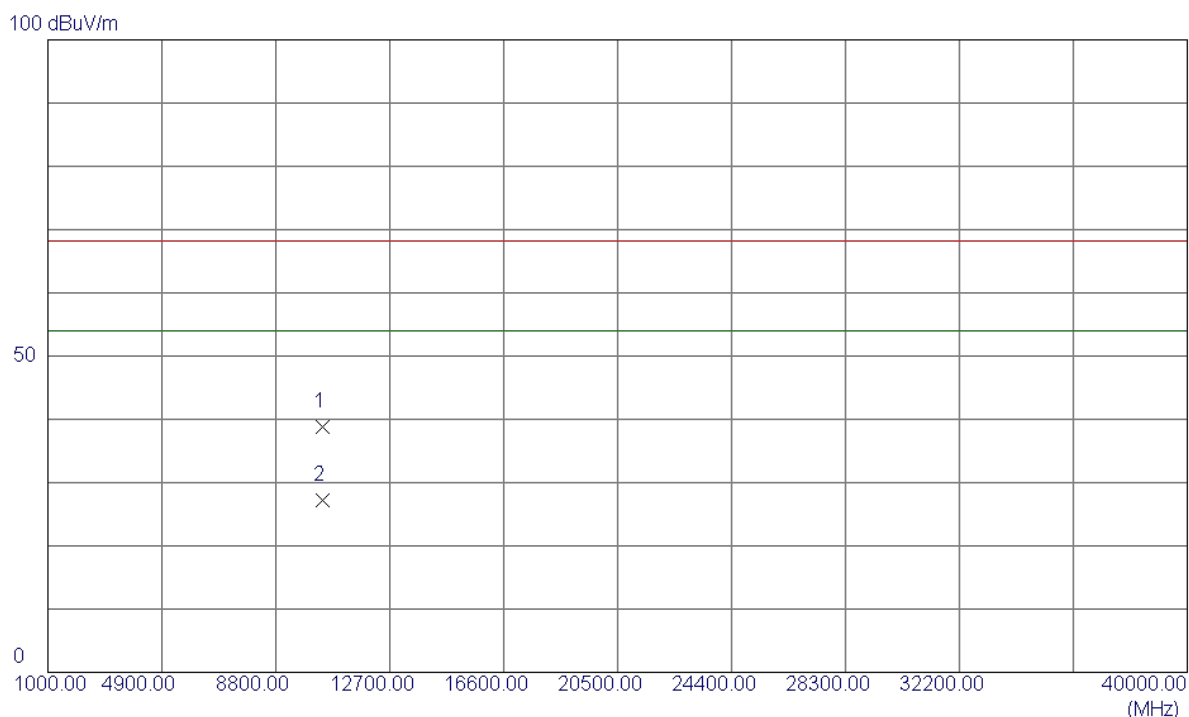
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5198.8000	41.47	41.57	83.04	54.00	29.04	AVG	no limit
2	5201.4000	51.00	41.57	92.57	68.30	24.27	Peak	no limit

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

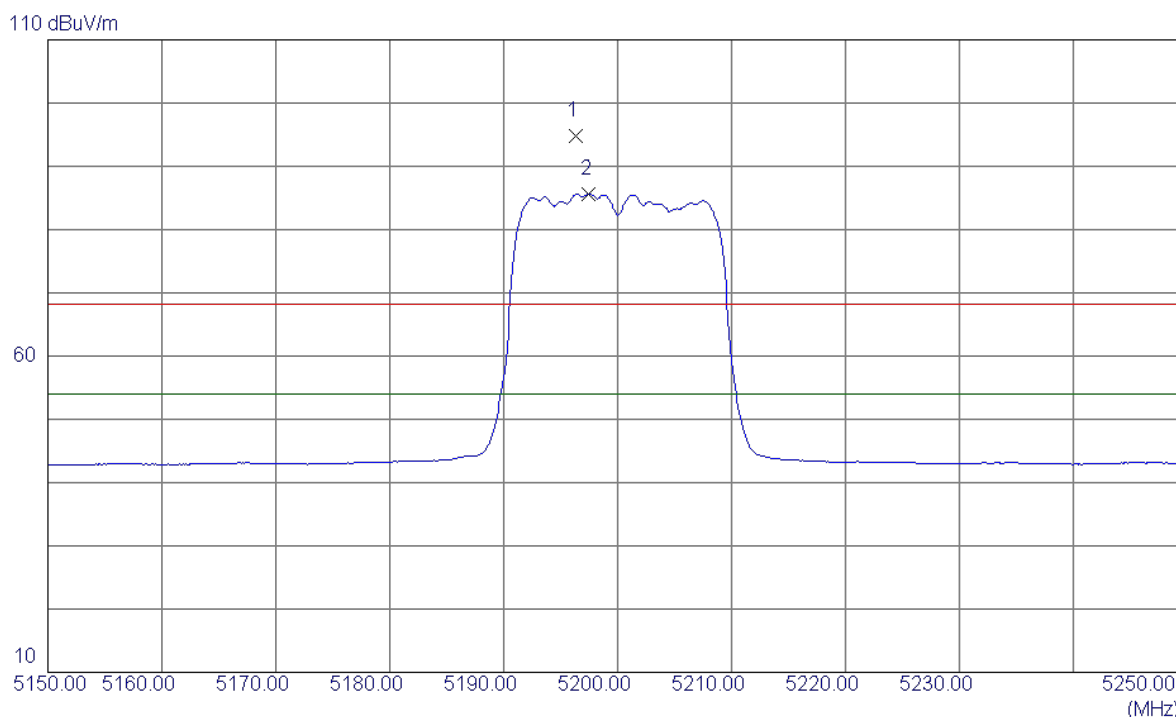
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.1449	24.46	14.40	38.86	68.30	-29.44	Peak	
2	10400.1550	12.73	14.40	27.13	54.00	-26.87	AVG	

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

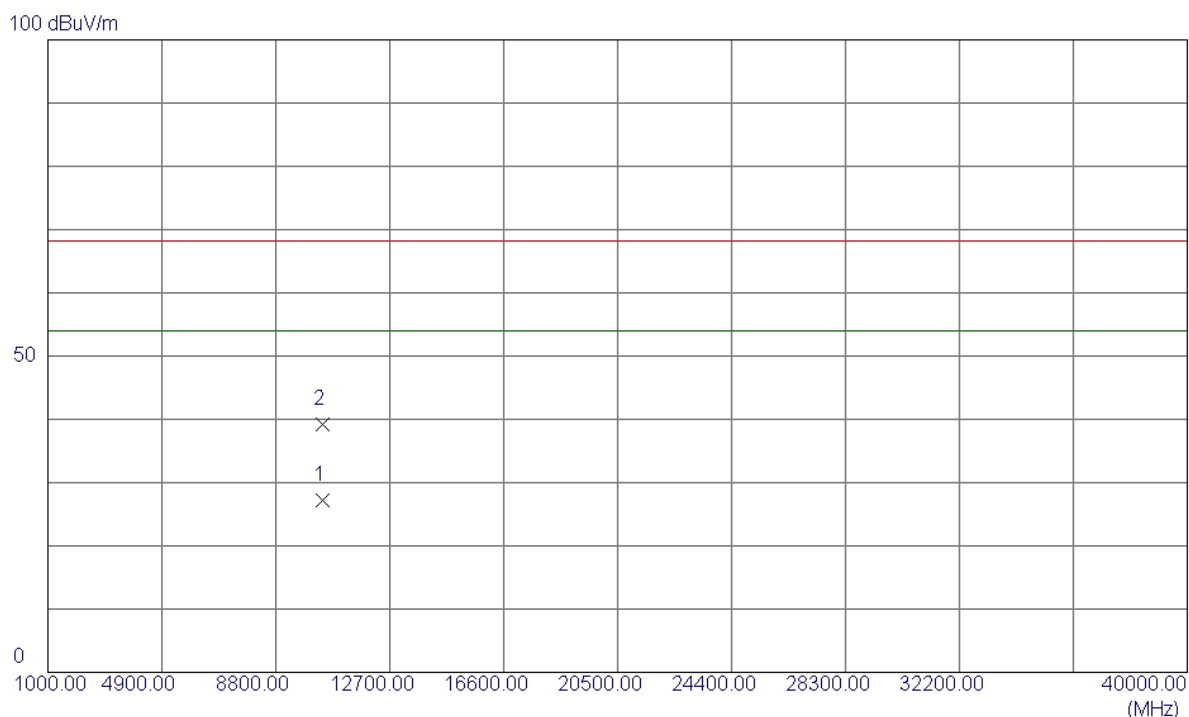
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5196.3000	53.32	41.56	94.88	68.30	26.58	Peak	no limit
2	5197.5000	44.07	41.56	85.63	54.00	31.63	AVG	no limit

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

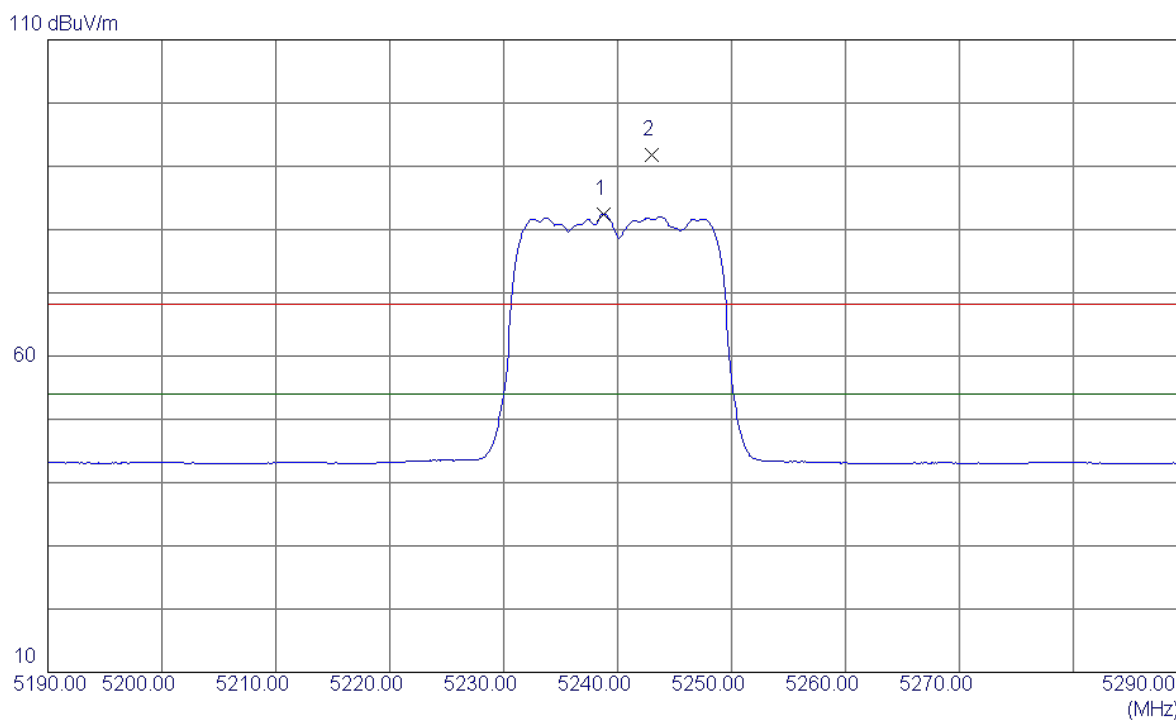
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10400.1050	12.80	14.40	27.20	54.00	-26.80	AVG	
2	10400.5700	24.75	14.41	39.16	68.30	-29.14	Peak	

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

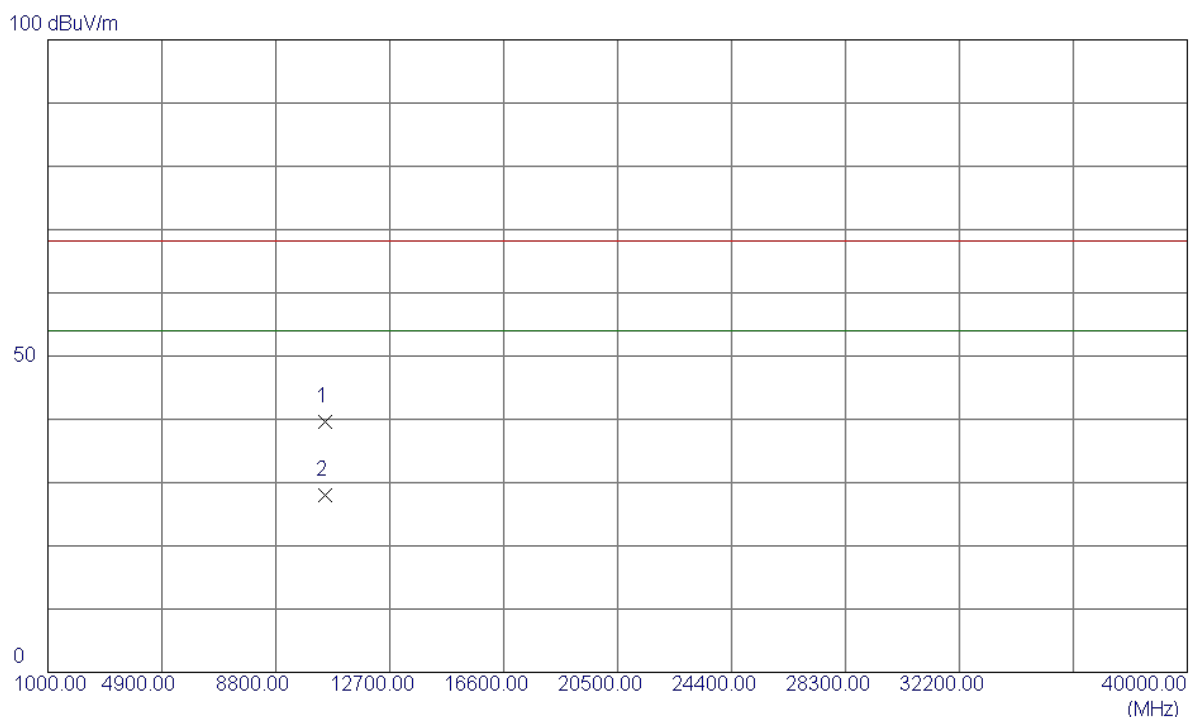
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5238.8000	40.79	41.70	82.49	54.00	28.49	AVG	no limit
2	5243.0000	50.01	41.71	91.72	68.30	23.42	Peak	no limit

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

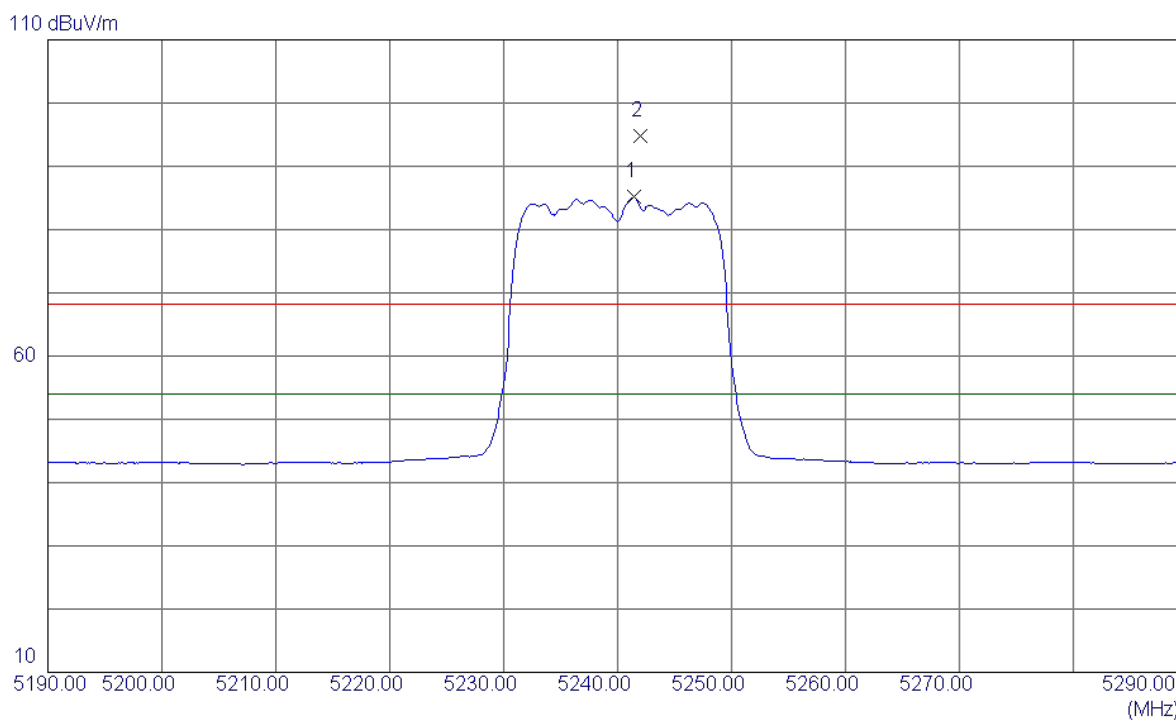
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.9150	25.11	14.56	39.67	68.30	-28.63	Peak	
2	10480.3300	13.35	14.56	27.91	54.00	-26.09	AVG	

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

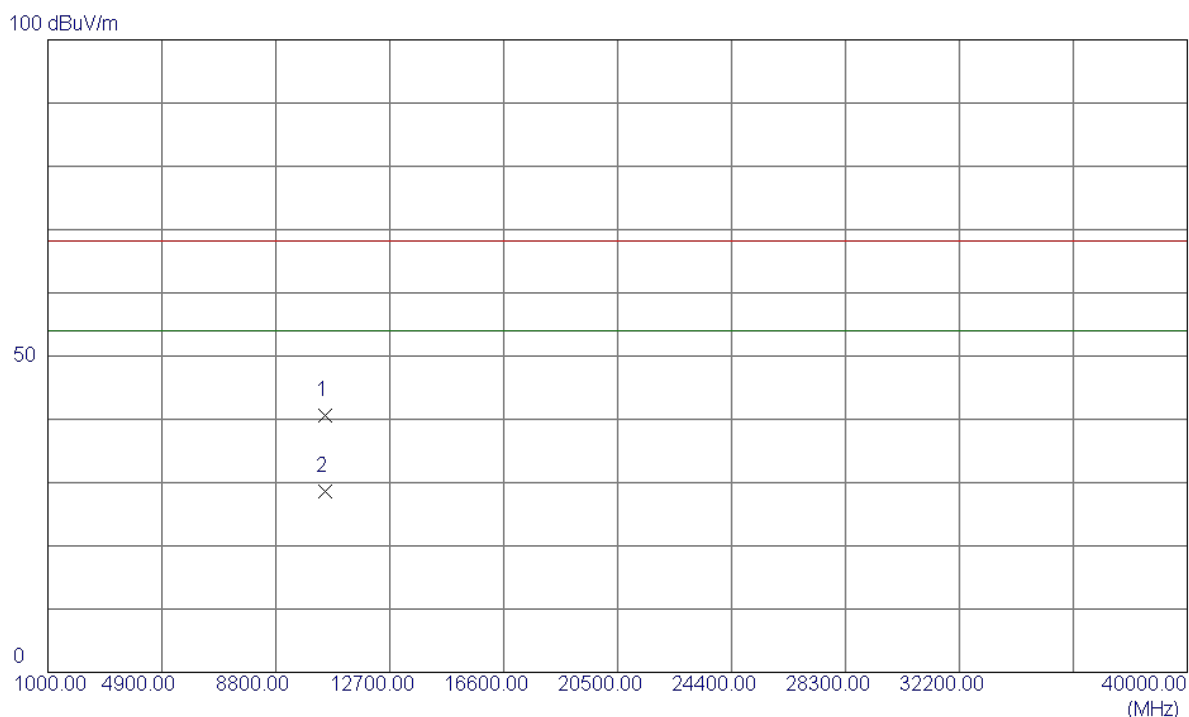
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5241.4000	43.40	41.71	85.11	54.00	31.11	AVG	no limit
2	5242.0000	53.10	41.71	94.81	68.30	26.51	Peak	no limit

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

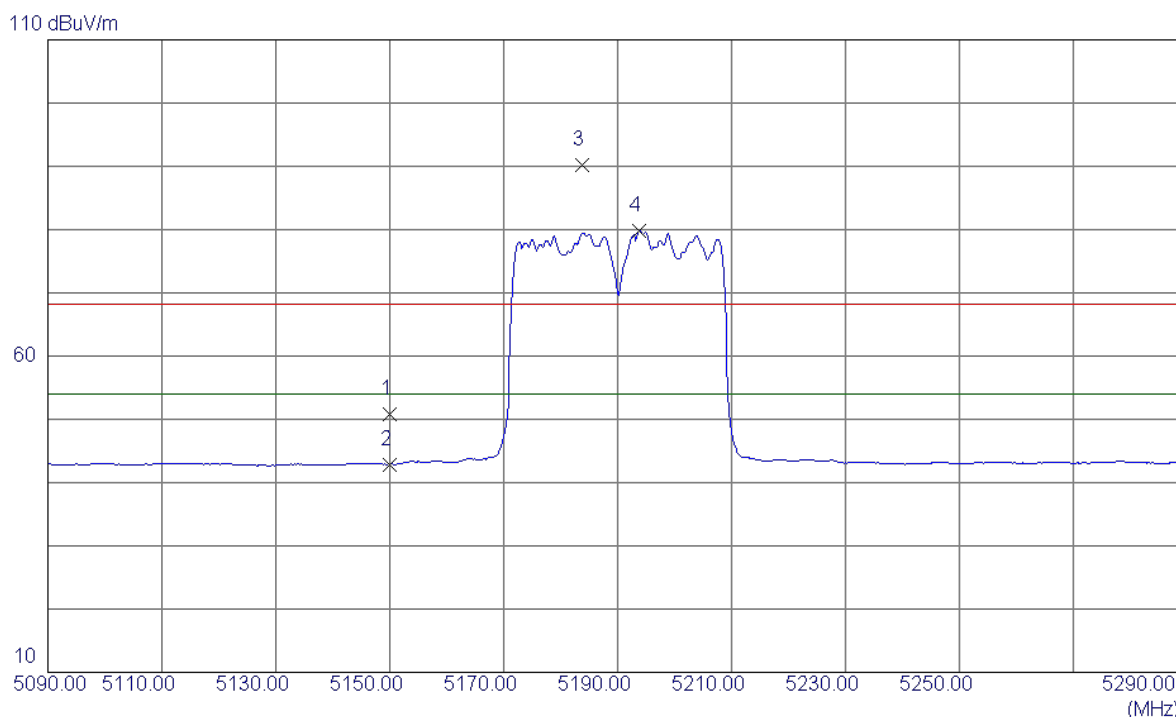
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.2150	25.95	14.56	40.51	68.30	-27.79	Peak	
2	10480.2100	14.08	14.56	28.64	54.00	-25.36	AVG	

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

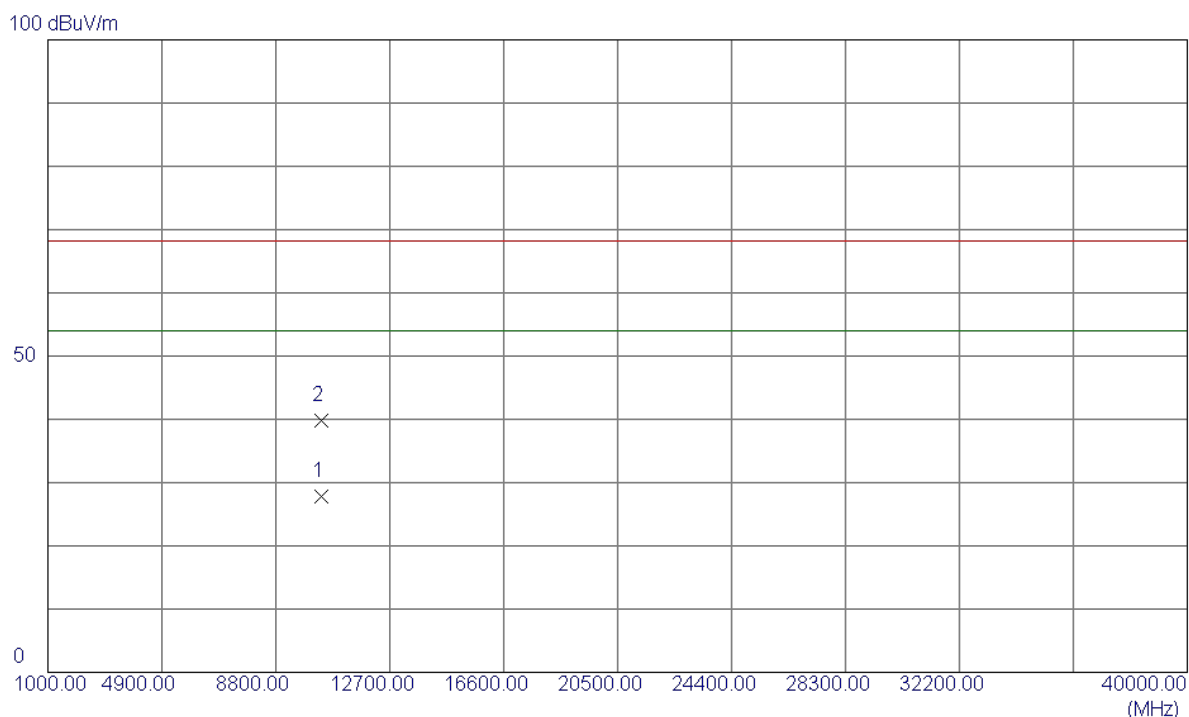
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	9.33	41.40	50.73	68.30	-17.57	Peak	
2	5150.0000	1.48	41.40	42.88	54.00	-11.12	AVG	
3	5183.8000	48.77	41.52	90.29	68.30	21.99	Peak	no limit
4	5193.8000	38.32	41.55	79.87	54.00	25.87	AVG	no limit

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

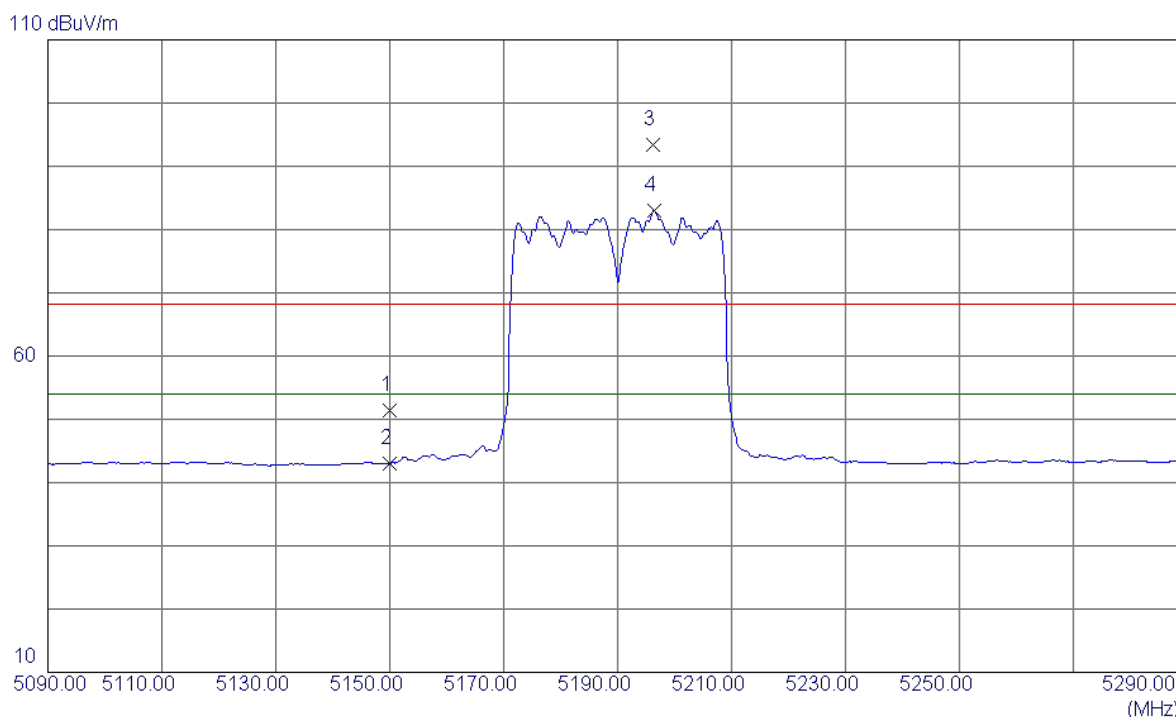
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.3099	13.40	14.37	27.77	54.00	-26.23	AVG	
2	10380.4650	25.35	14.37	39.72	68.30	-28.58	Peak	

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

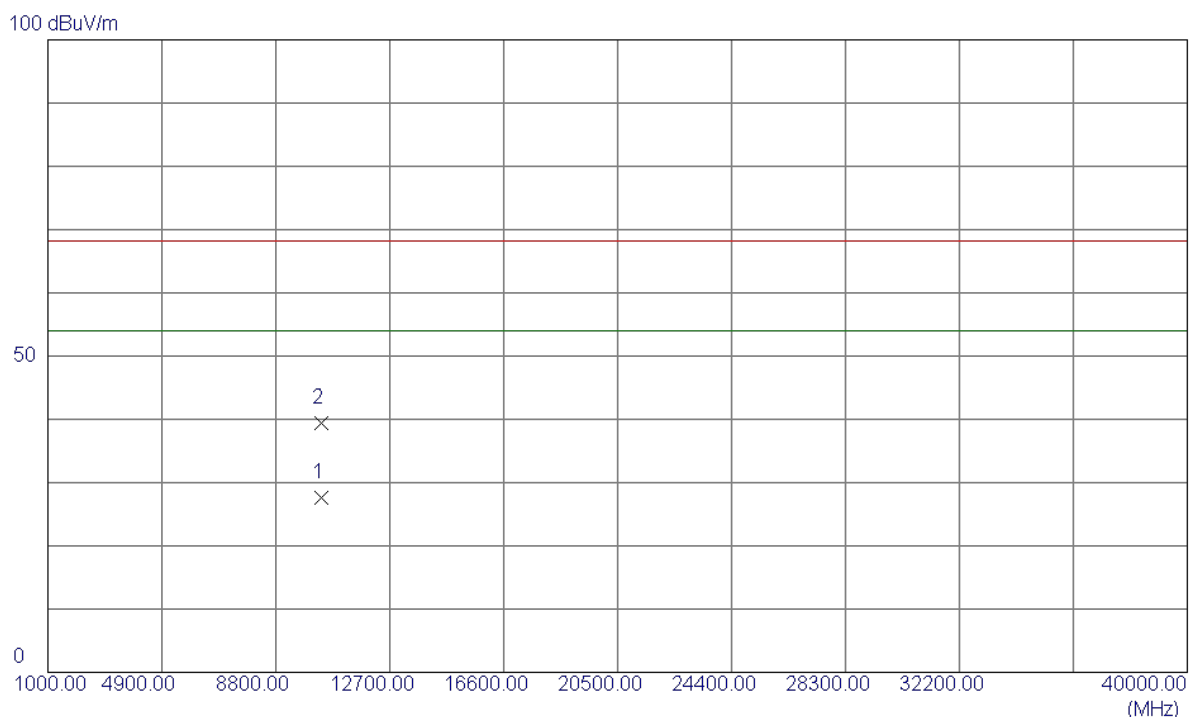
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.07	41.40	51.47	68.30	-16.83	Peak	
2	5150.0000	1.62	41.40	43.02	54.00	-10.98	AVG	
3	5196.2000	51.91	41.56	93.47	68.30	25.17	Peak	no limit
4	5196.4000	41.40	41.56	82.96	54.00	28.96	AVG	no limit

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

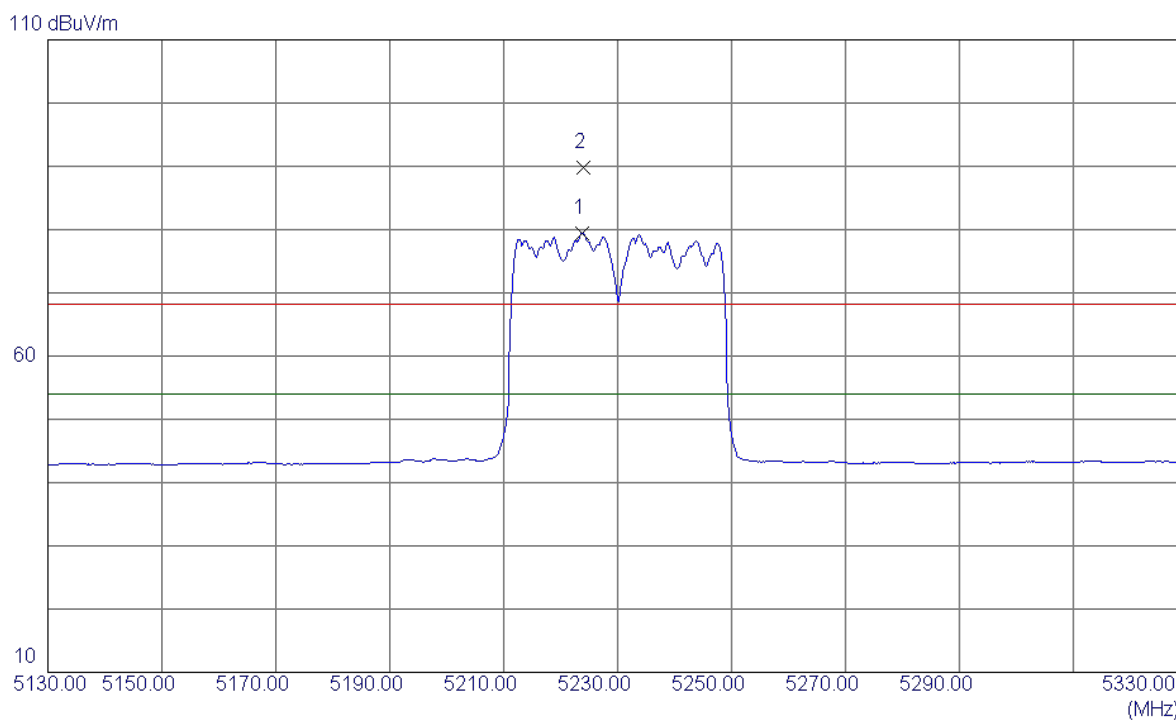
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.1950	13.20	14.37	27.57	54.00	-26.43	AVG	
2	10381.0199	25.04	14.37	39.41	68.30	-28.89	Peak	

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

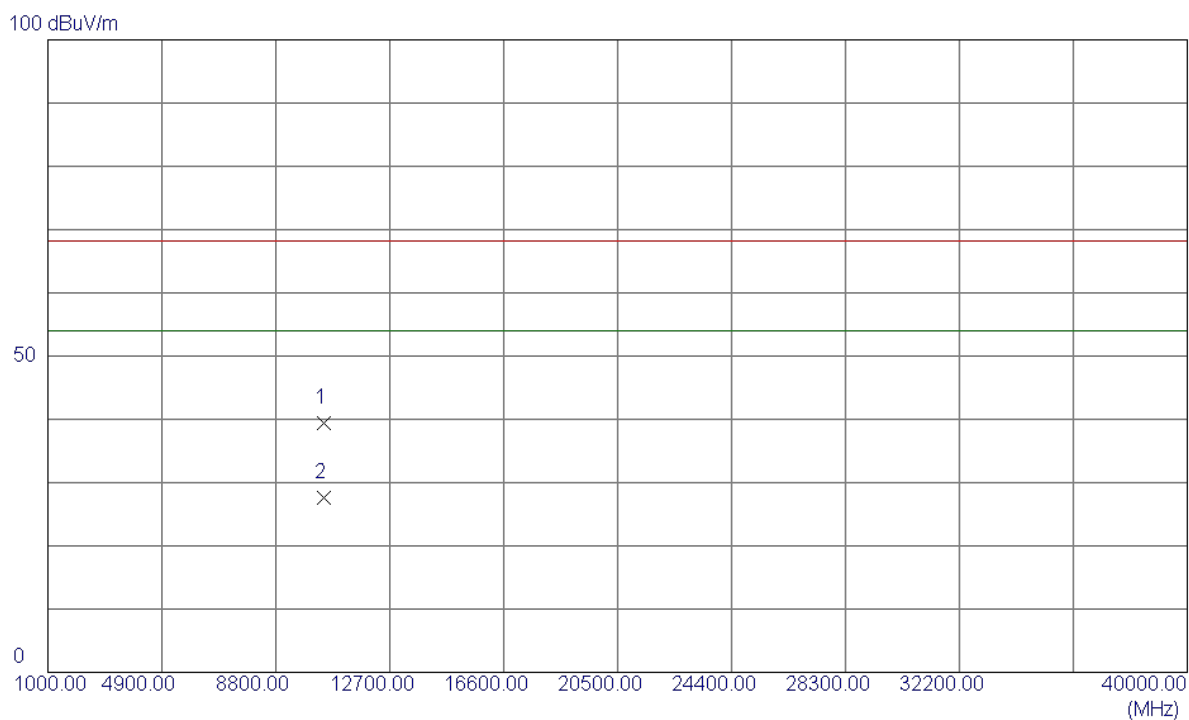
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5223.8000	37.79	41.65	79.44	54.00	25.44	AVG	no limit
2	5224.0000	48.23	41.65	89.88	68.30	21.58	Peak	no limit

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

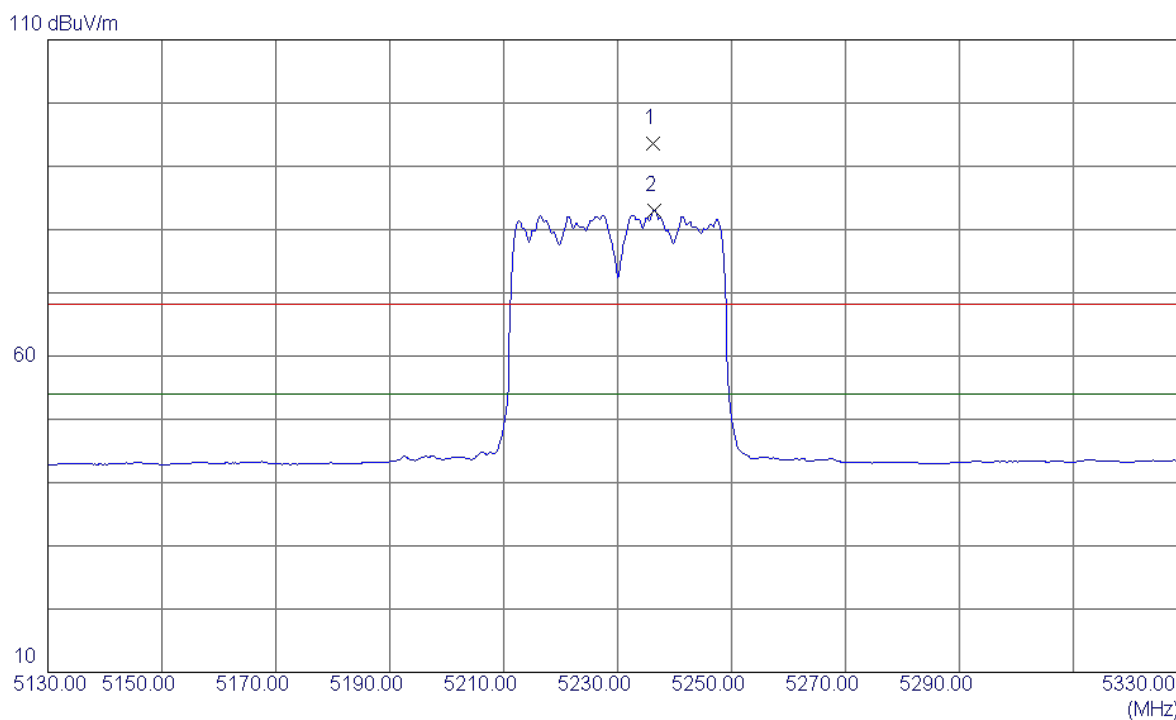
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.0850	24.95	14.52	39.47	68.30	-28.83	Peak	
2	10460.2600	13.07	14.52	27.59	54.00	-26.41	AVG	

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

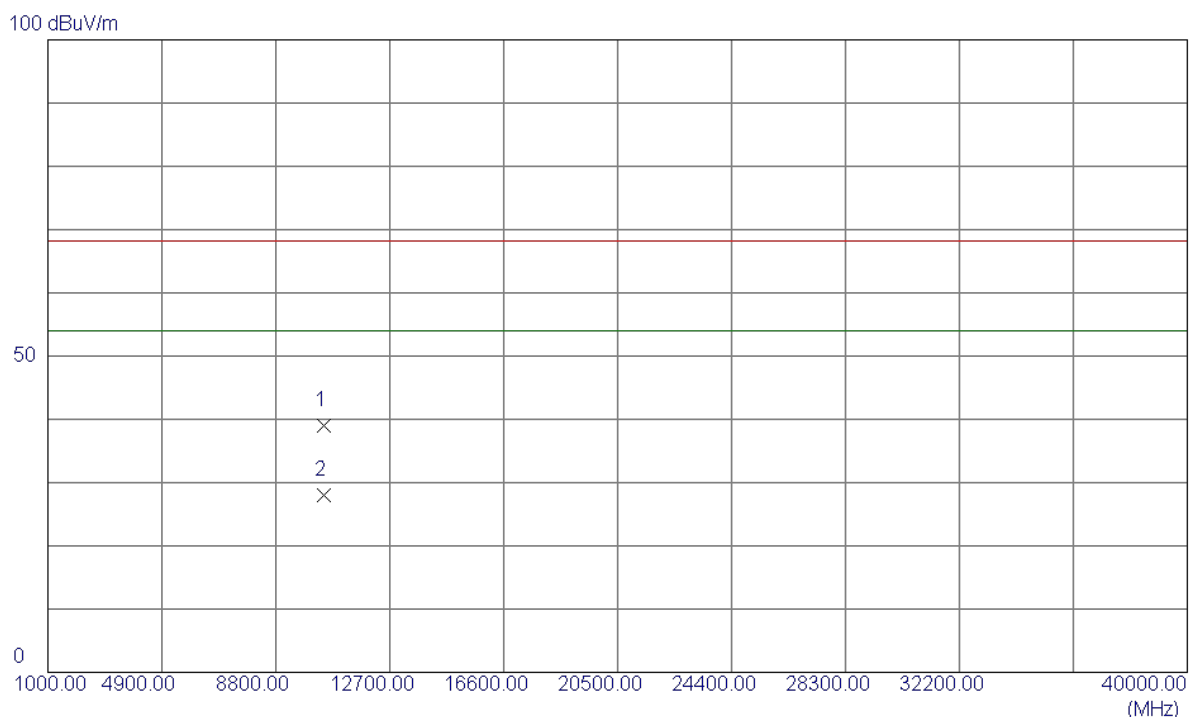
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5236.2000	51.90	41.69	93.59	68.30	25.29	Peak	no limit
2	5236.4000	41.37	41.69	83.06	54.00	29.06	AVG	no limit

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

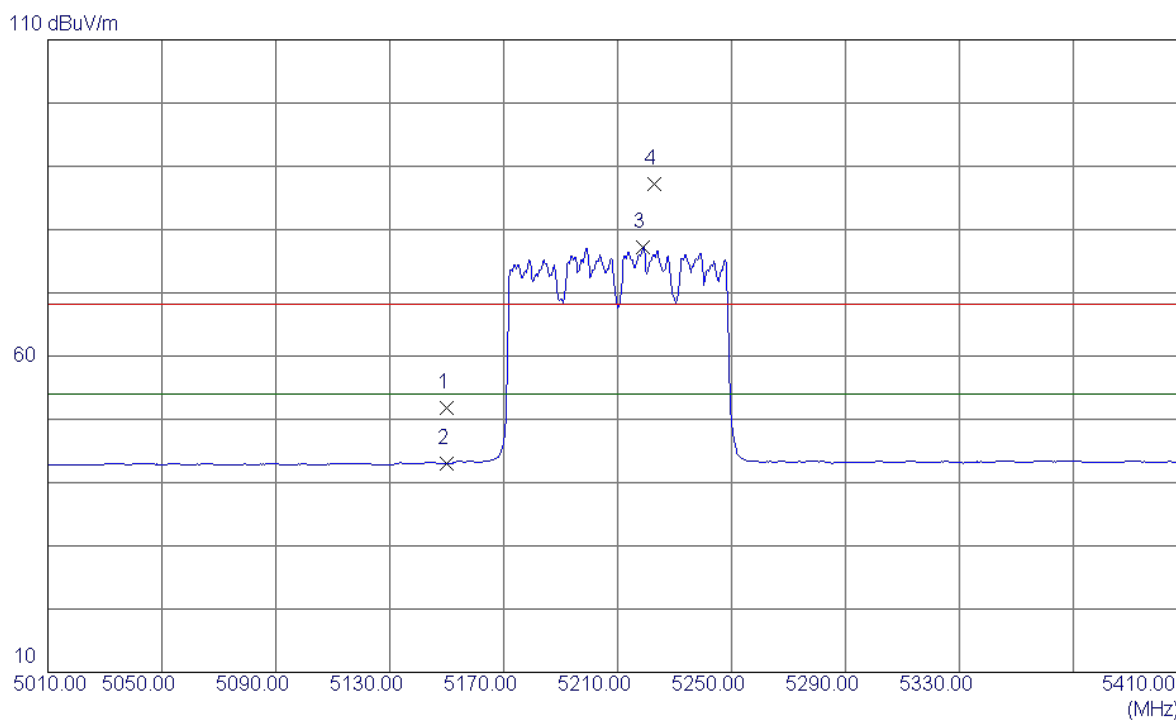
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10459.9950	24.49	14.52	39.01	68.30	-29.29	Peak	
2	10460.3450	13.47	14.52	27.99	54.00	-26.01	AVG	

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

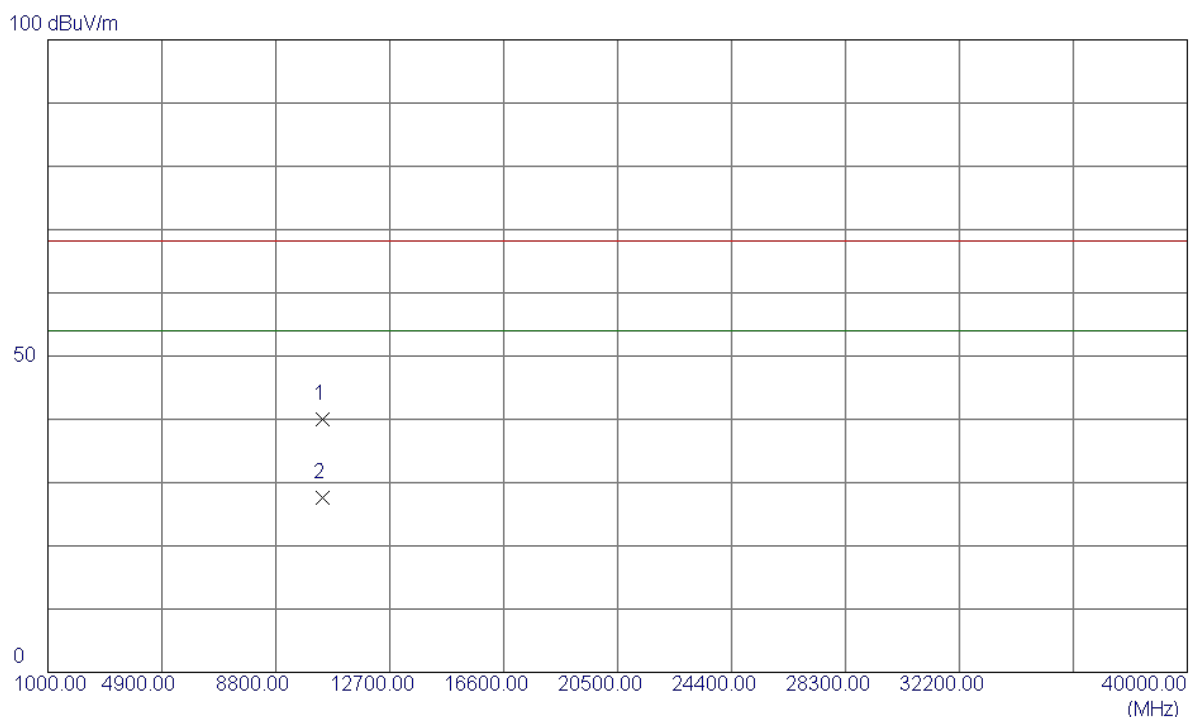
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.36	41.40	51.76	68.30	-16.54	Peak	
2	5150.0000	1.60	41.40	43.00	54.00	-11.00	AVG	
3	5218.8000	35.66	41.63	77.29	54.00	23.29	AVG	no limit
4	5222.8000	45.54	41.65	87.19	68.30	18.89	Peak	no limit

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

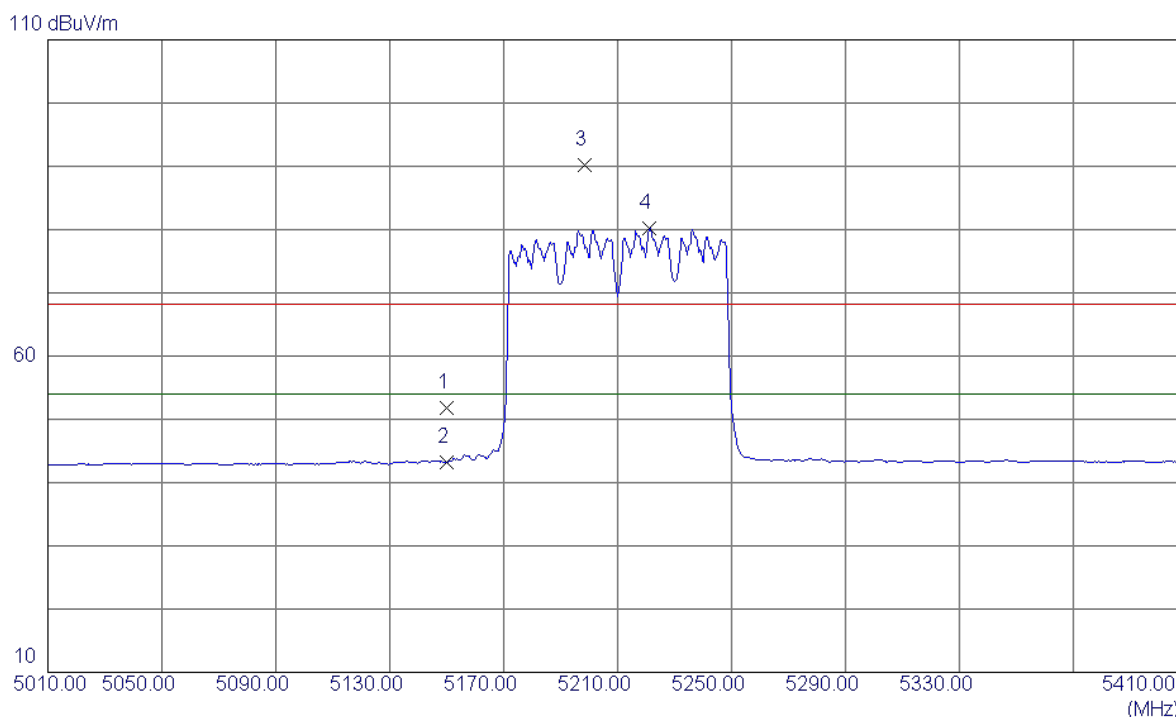
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10420.1900	25.48	14.44	39.92	68.30	-28.38	Peak	
2	10420.2650	13.16	14.44	27.60	54.00	-26.40	AVG	

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

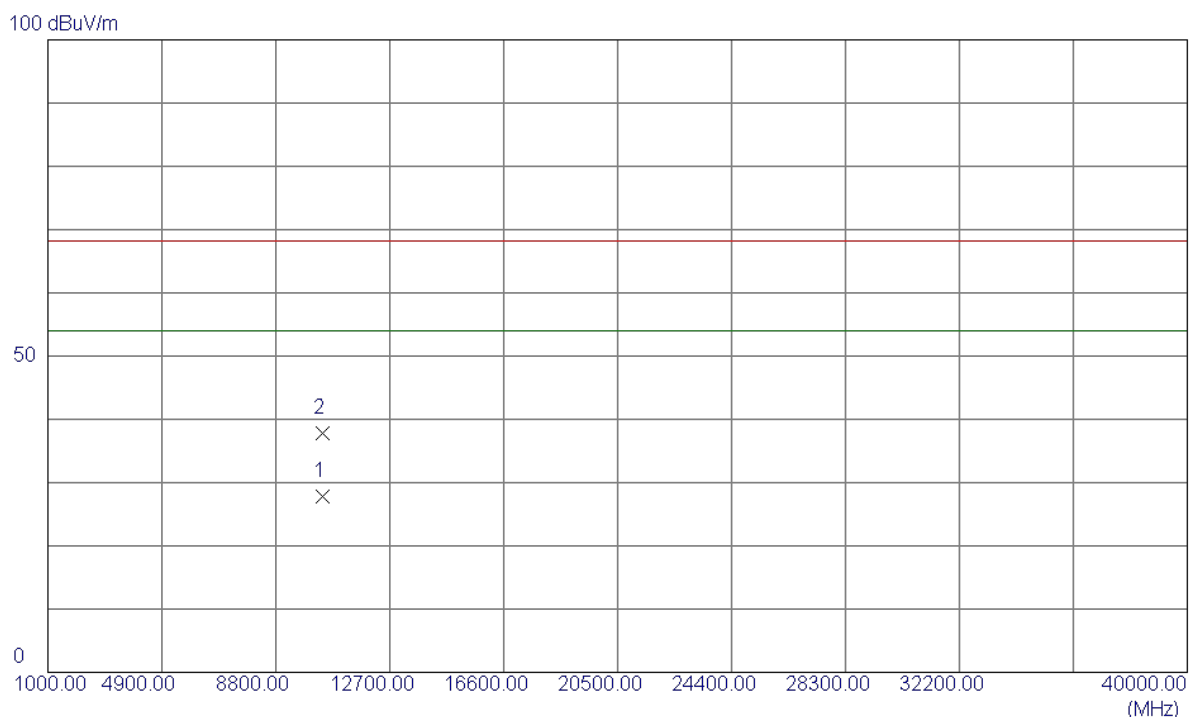
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	10.31	41.40	51.71	68.30	-16.59	Peak	
2	5150.0000	1.85	41.40	43.25	54.00	-10.75	AVG	
3	5198.4000	48.57	41.56	90.13	68.30	21.83	Peak	no limit
4	5221.2000	38.51	41.64	80.15	54.00	26.15	AVG	no limit

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

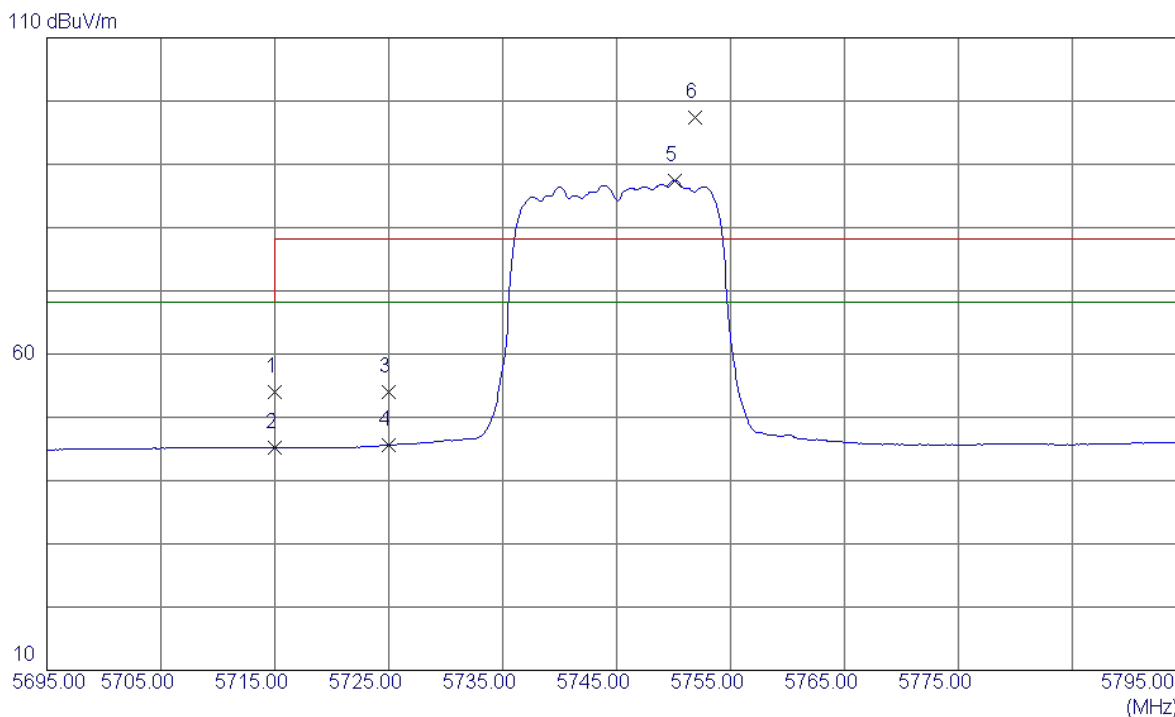
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10420.1700	13.35	14.44	27.79	54.00	-26.21	AVG	
2	10420.3800	23.45	14.44	37.89	68.30	-30.41	Peak	

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

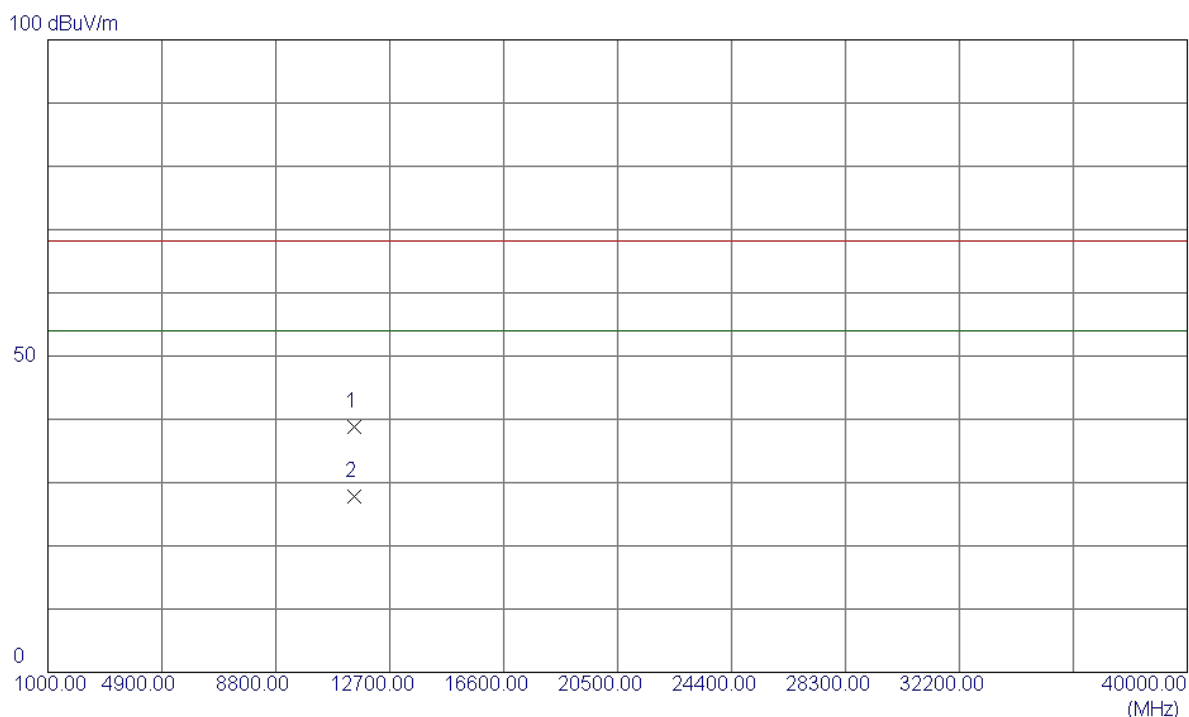
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	10.91	43.04	53.95	68.30	-14.35	Peak	
2	5715.0000	2.11	43.04	45.15	68.30	-23.15	AVG	no limit
3	5725.0000	11.01	43.06	54.07	78.30	-24.23	Peak	
4	5725.0000	2.55	43.06	45.61	68.30	-22.69	AVG	
5	5750.1000	44.35	43.12	87.47	68.30	19.17	AVG	no limit
6	5751.9000	54.31	43.12	97.43	78.30	19.13	Peak	no limit

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

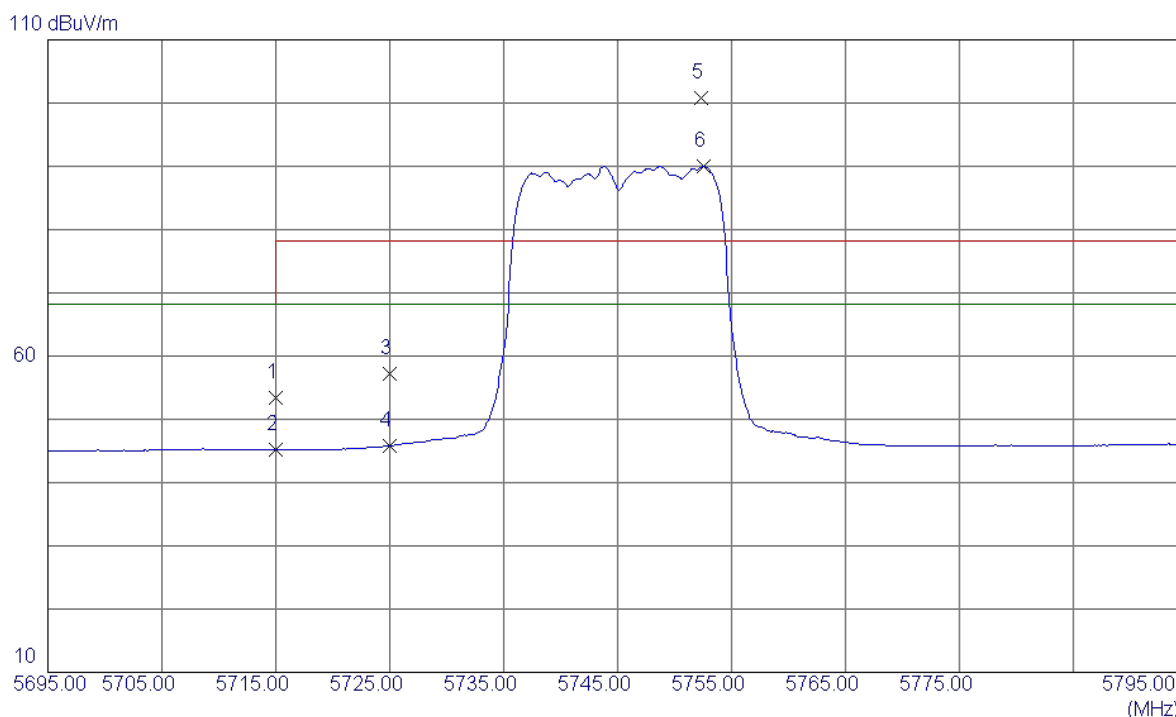
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11490.1050	23.31	15.52	38.83	68.30	-29.47	Peak	
2	11490.1350	12.32	15.52	27.84	54.00	-26.16	AVG	

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

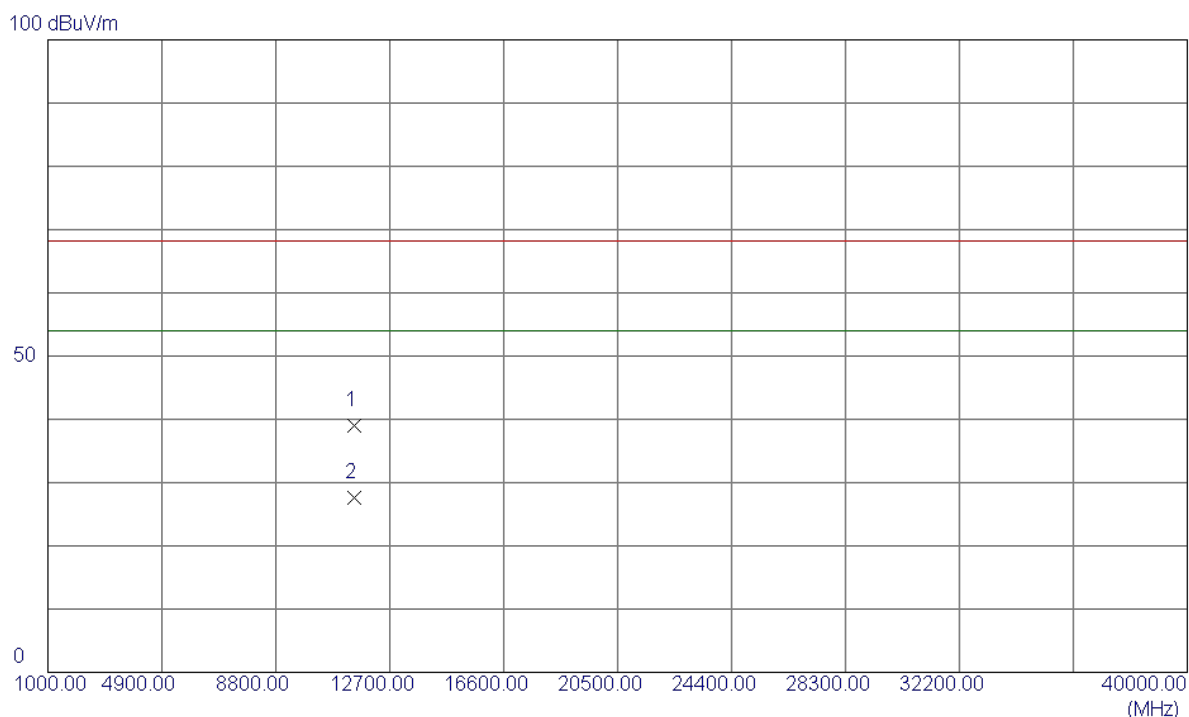
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	10.37	43.04	53.41	68.30	-14.89	Peak	
2	5715.0000	2.16	43.04	45.20	68.30	-23.10	AVG	no limit
3	5725.0000	14.18	43.06	57.24	78.30	-21.06	Peak	
4	5725.0000	2.75	43.06	45.81	68.30	-22.49	AVG	
5	5752.3000	57.67	43.12	100.79	78.30	22.49	Peak	no limit
6	5752.6000	46.94	43.12	90.06	68.30	21.76	AVG	no limit

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

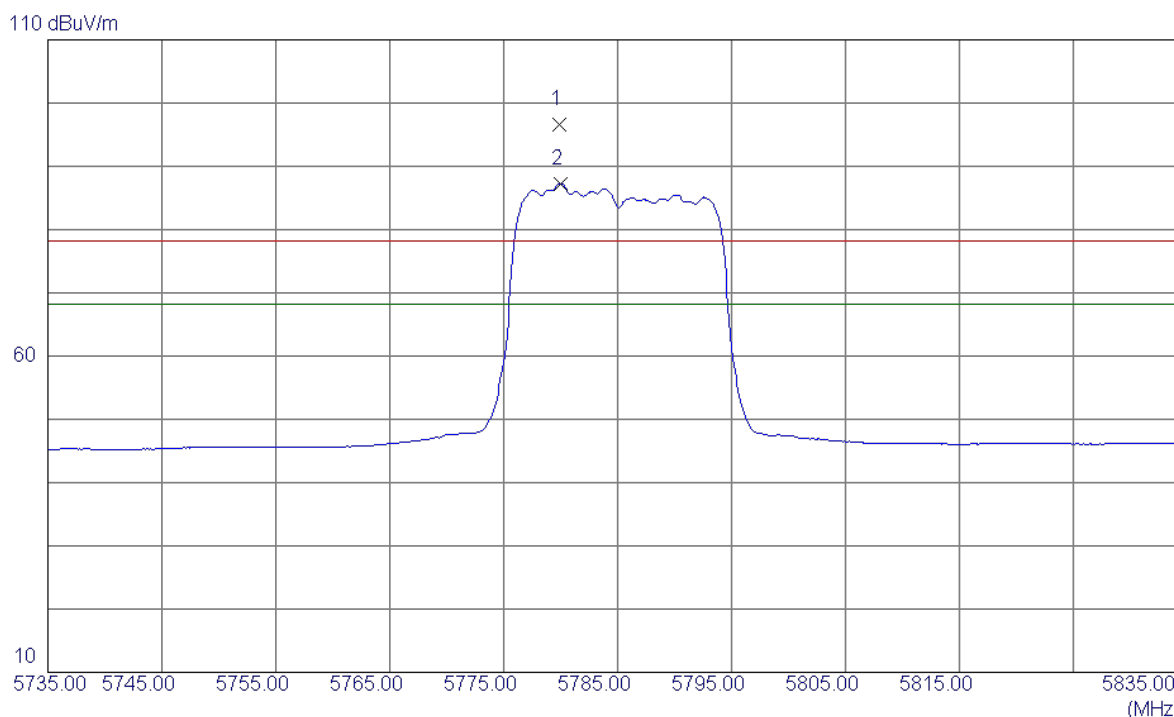
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11489.9400	23.41	15.52	38.93	68.30	-29.37	Peak	
2	11490.1050	12.09	15.52	27.61	54.00	-26.39	AVG	

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

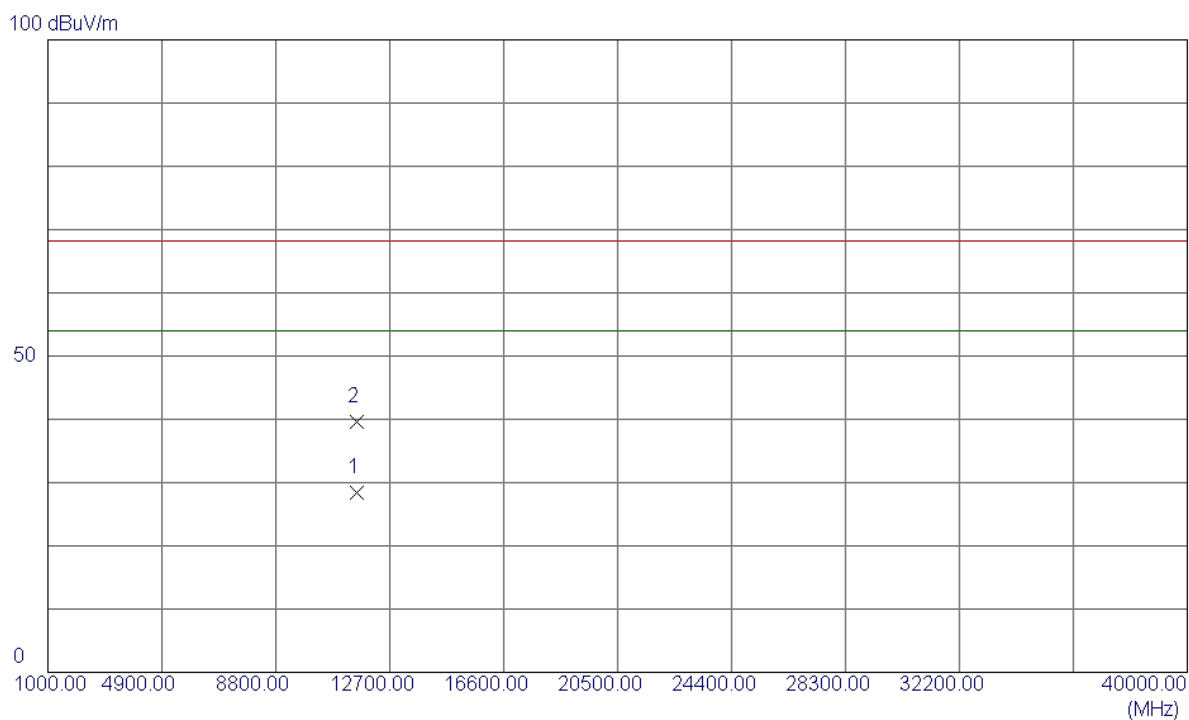
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5779.9000	53.44	43.18	96.62	78.30	18.32	Peak	no limit
2	5780.0000	44.11	43.18	87.29	68.30	18.99	AVG	no limit

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

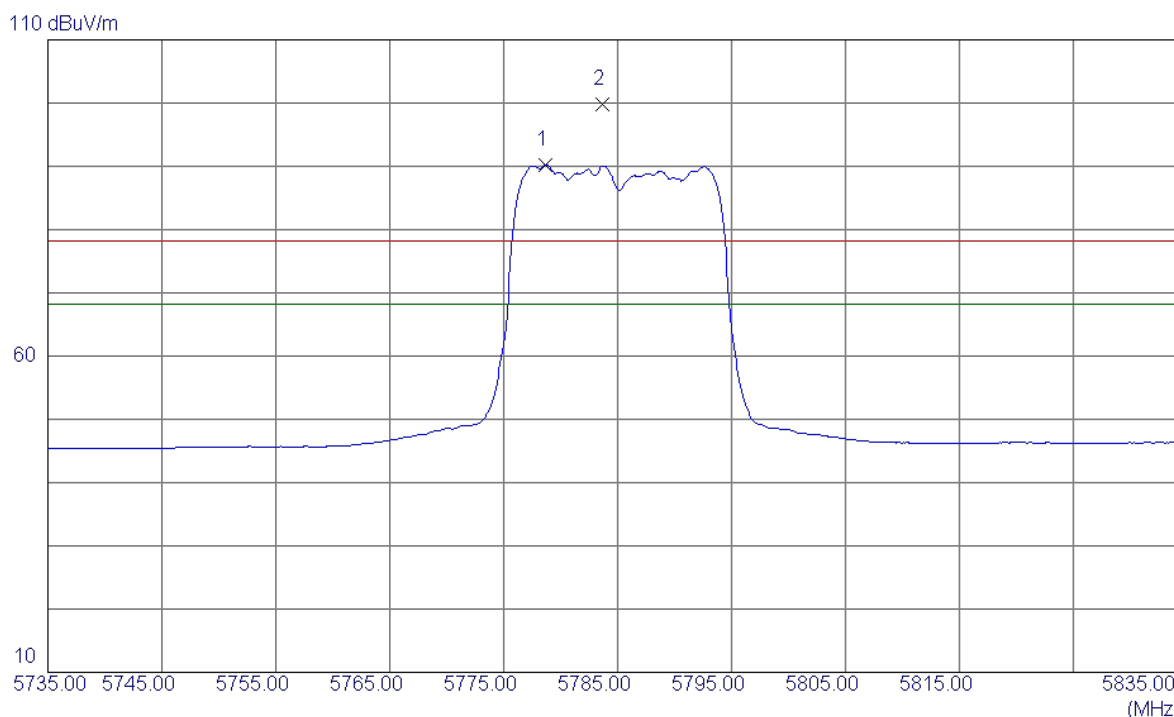
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.9850	12.92	15.55	28.47	54.00	-25.53	AVG	
2	11570.2050	24.08	15.55	39.63	68.30	-28.67	Peak	

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

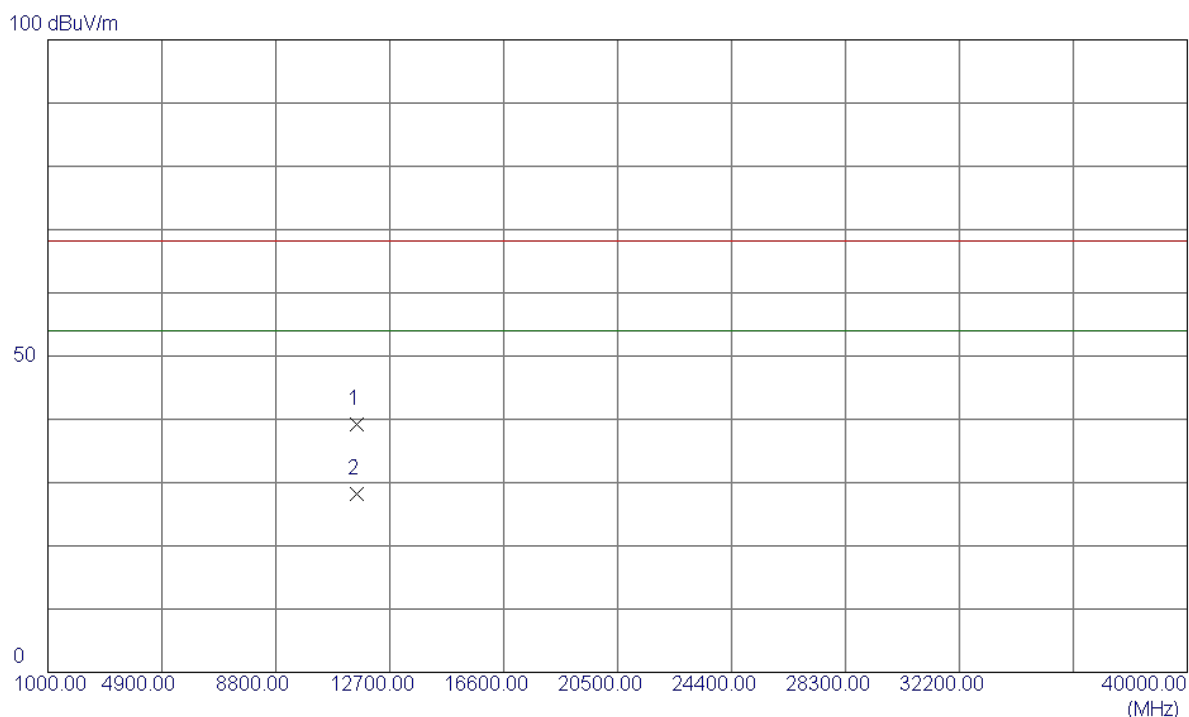
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5778.7000	47.03	43.18	90.21	68.30	21.91	AVG	no limit
2	5783.7000	56.69	43.19	99.88	78.30	21.58	Peak	no limit

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

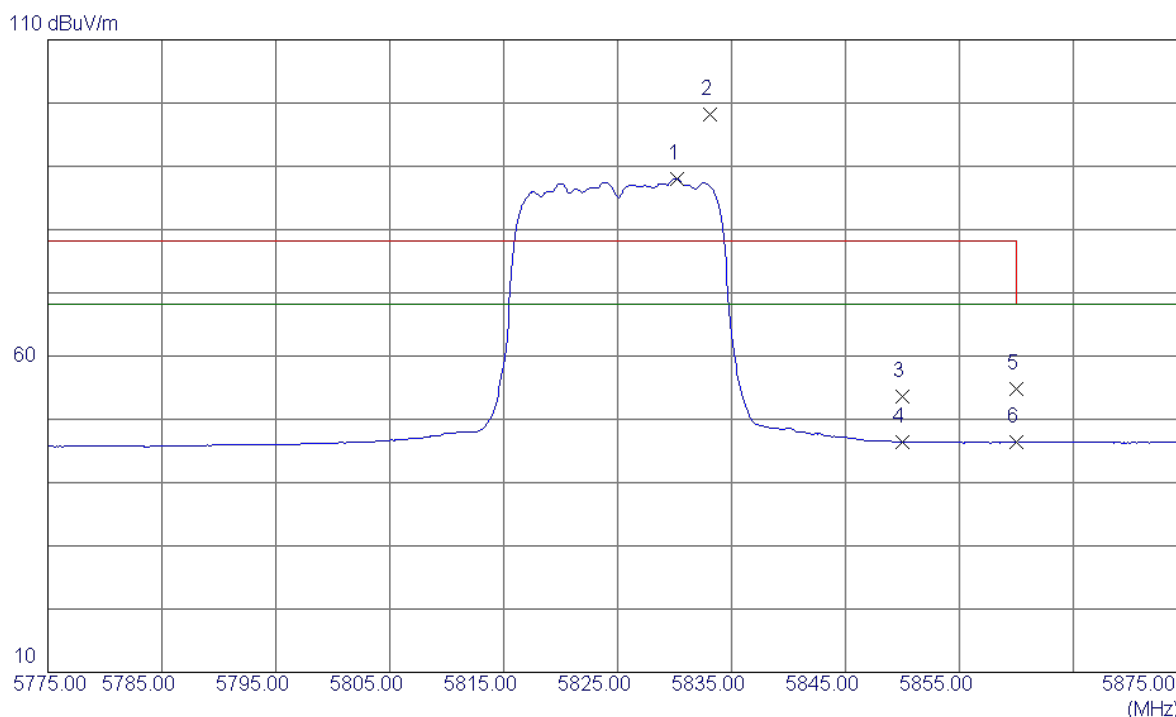
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11570.0450	23.66	15.55	39.21	68.30	-29.09	Peak	
2	11570.0950	12.66	15.55	28.21	54.00	-25.79	AVG	

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

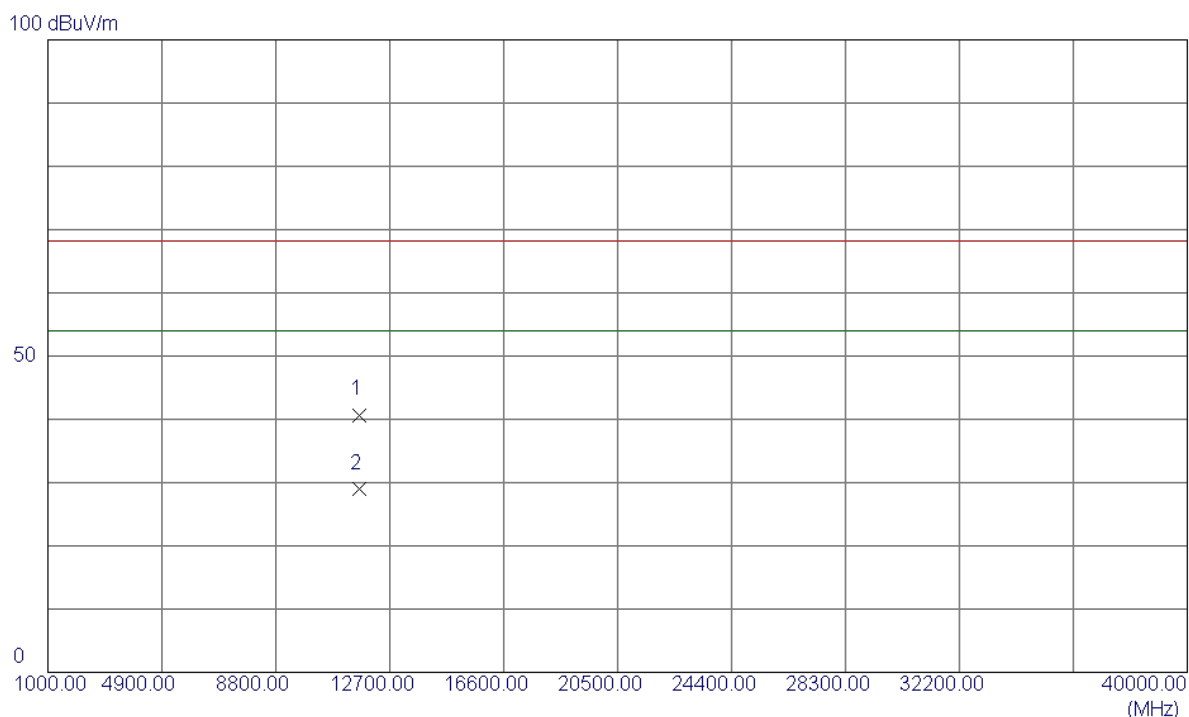
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5830.2000	44.75	43.29	88.04	68.30	19.74	AVG	no limit
2	5833.1000	54.92	43.30	98.22	78.30	19.92	Peak	no limit
3	5850.0000	10.32	43.34	53.66	78.30	-24.64	Peak	
4	5850.0000	3.05	43.34	46.39	68.30	-21.91	AVG	
5	5860.0000	11.41	43.36	54.77	68.30	-13.53	Peak	
6	5860.0000	2.95	43.36	46.31	68.30	-21.99	AVG	

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

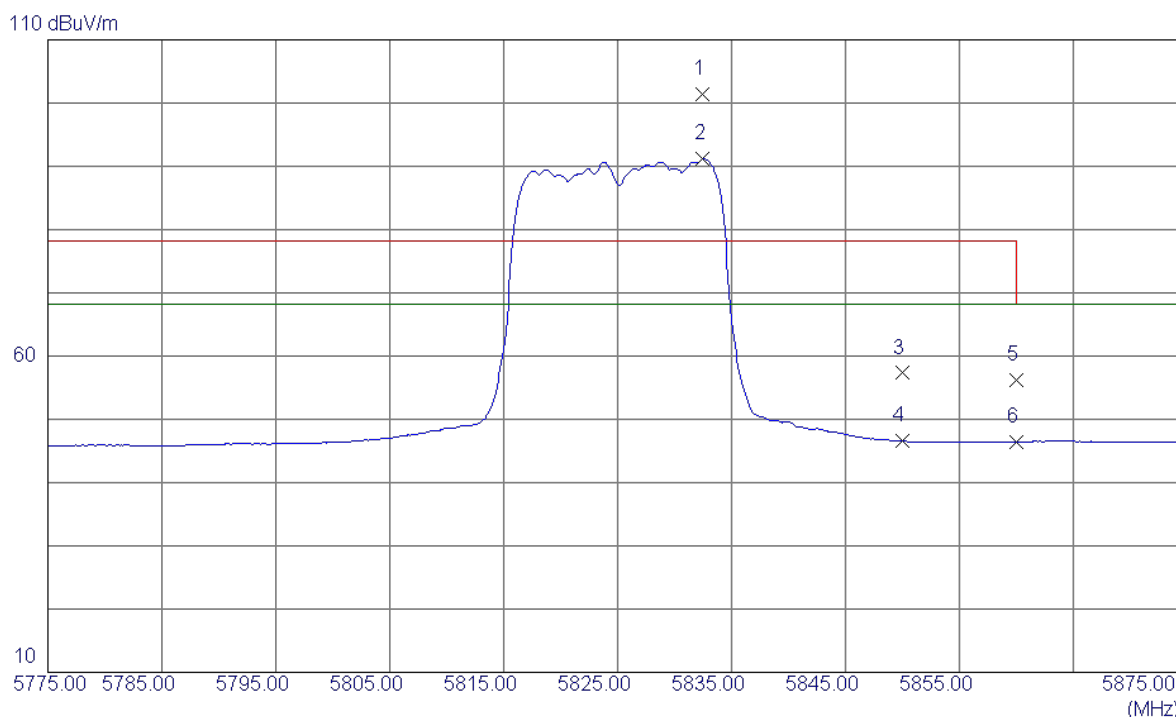
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11649.7350	25.12	15.58	40.70	68.30	-27.60	Peak	
2	11650.0750	13.37	15.58	28.95	54.00	-25.05	AVG	

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

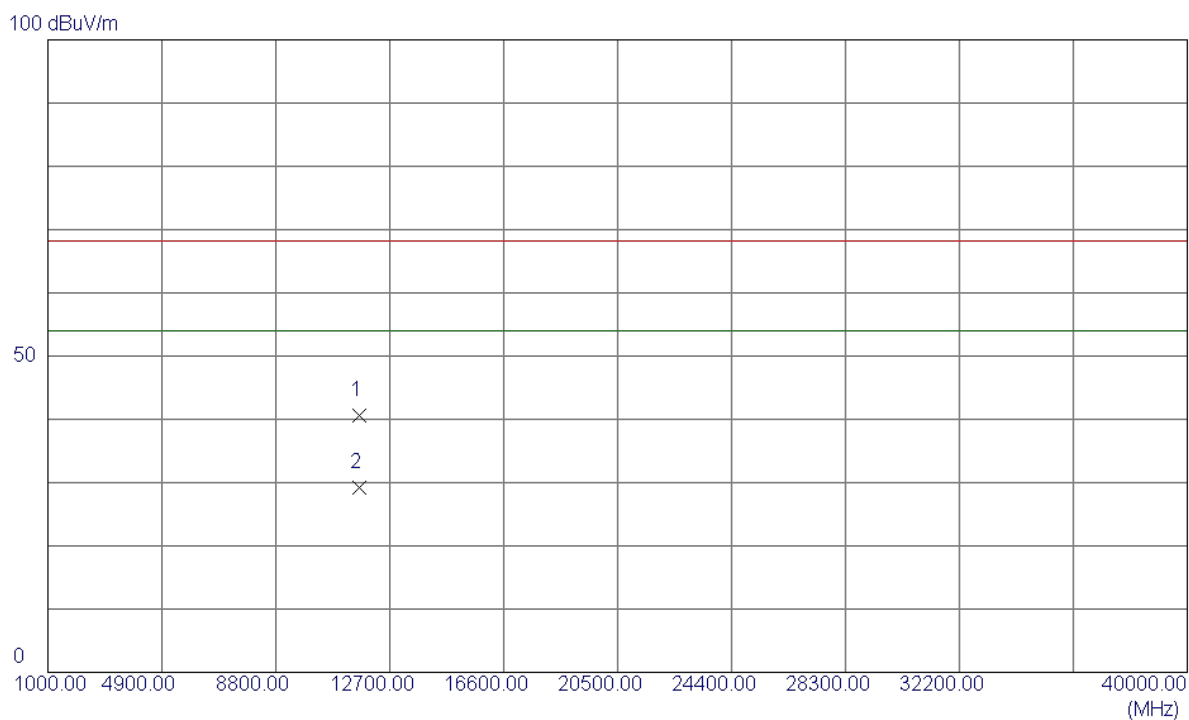
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5832.4000	58.06	43.30	101.36	78.30	23.06	Peak	no limit
2	5832.5000	47.92	43.30	91.22	68.30	22.92	AVG	no limit
3	5850.0000	13.96	43.34	57.30	78.30	-21.00	Peak	
4	5850.0000	3.22	43.34	46.56	68.30	-21.74	AVG	
5	5860.0000	12.76	43.36	56.12	68.30	-12.18	Peak	
6	5860.0000	3.09	43.36	46.45	68.30	-21.85	AVG	

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

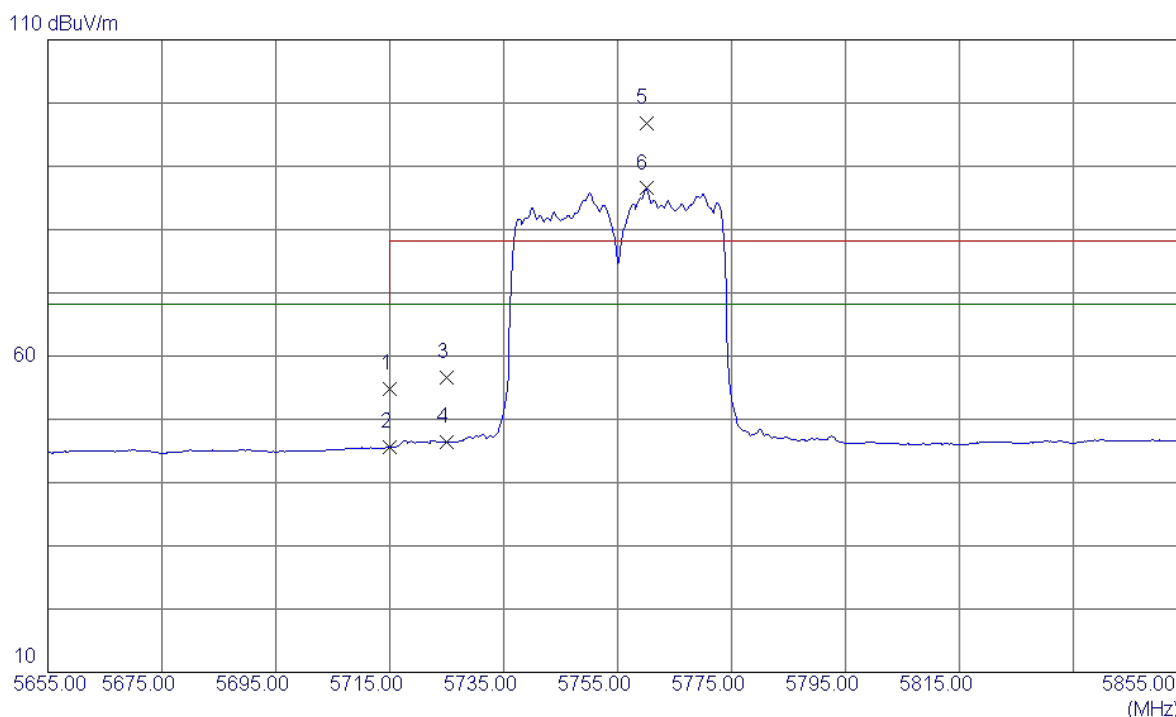
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.0150	24.93	15.58	40.51	68.30	-27.79	Peak	
2	11650.1300	13.58	15.58	29.16	54.00	-24.84	AVG	

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

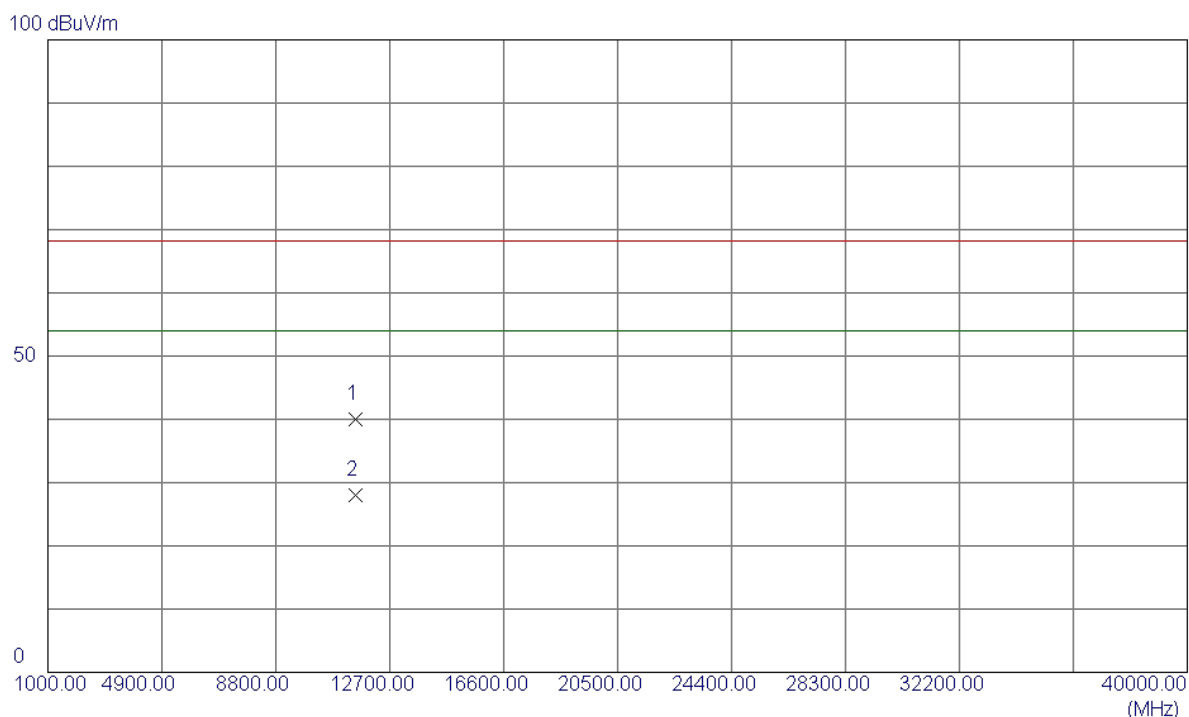
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.71	43.04	54.75	68.30	-13.55	Peak	
2	5715.0000	2.51	43.04	45.55	68.30	-22.75	AVG	no limit
3	5725.0000	13.58	43.06	56.64	78.30	-21.66	Peak	
4	5725.0000	3.36	43.06	46.42	68.30	-21.88	AVG	
5	5760.0000	53.66	43.14	96.80	78.30	18.50	Peak	no limit
6	5760.0000	43.36	43.14	86.50	68.30	18.20	AVG	no limit

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

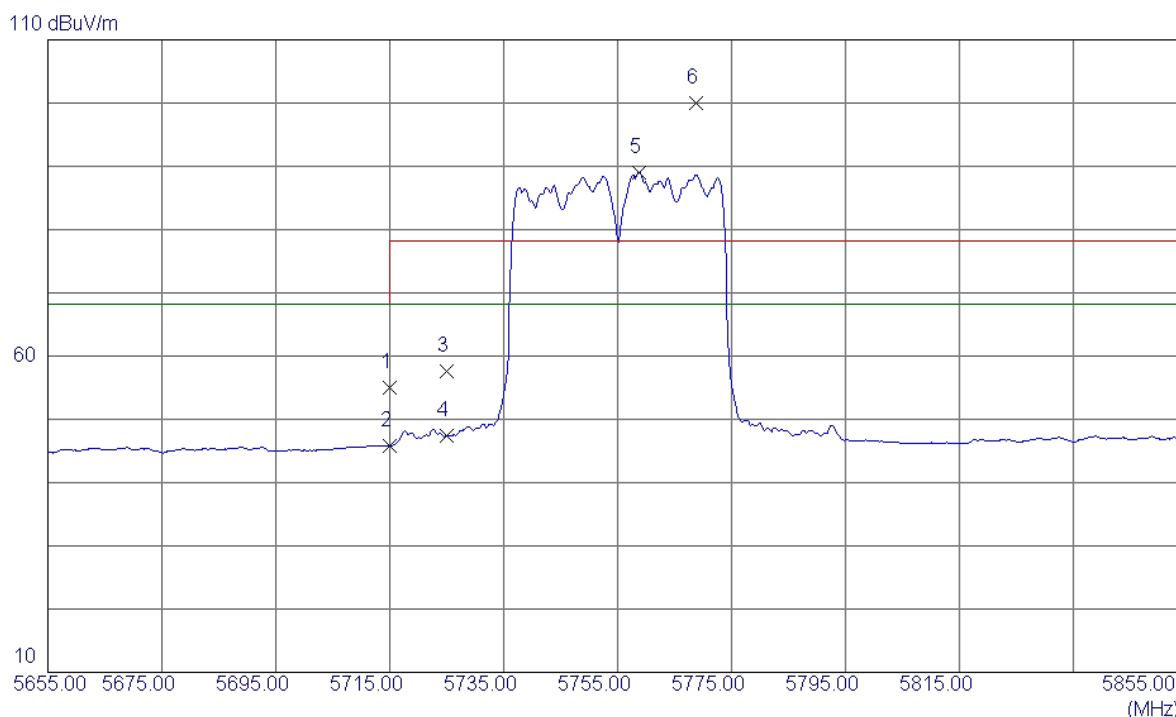
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11510.1050	24.43	15.52	39.95	68.30	-28.35	Peak	
2	11510.1600	12.52	15.52	28.04	54.00	-25.96	AVG	

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

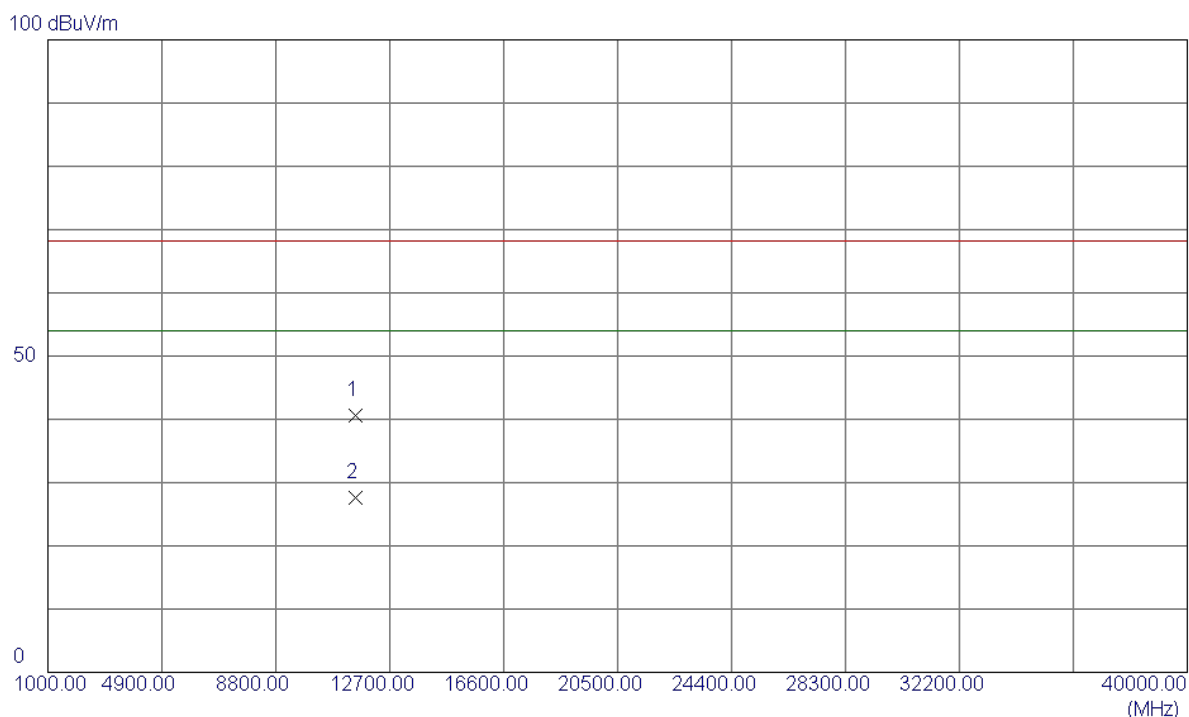
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	11.88	43.04	54.92	68.30	-13.38	Peak	
2	5715.0000	2.80	43.04	45.84	68.30	-22.46	AVG	no limit
3	5725.0000	14.47	43.06	57.53	78.30	-20.77	Peak	
4	5725.0000	4.29	43.06	47.35	68.30	-20.95	AVG	
5	5758.8000	45.92	43.13	89.05	68.30	20.75	AVG	no limit
6	5768.8000	56.75	43.16	99.91	78.30	21.61	Peak	no limit

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

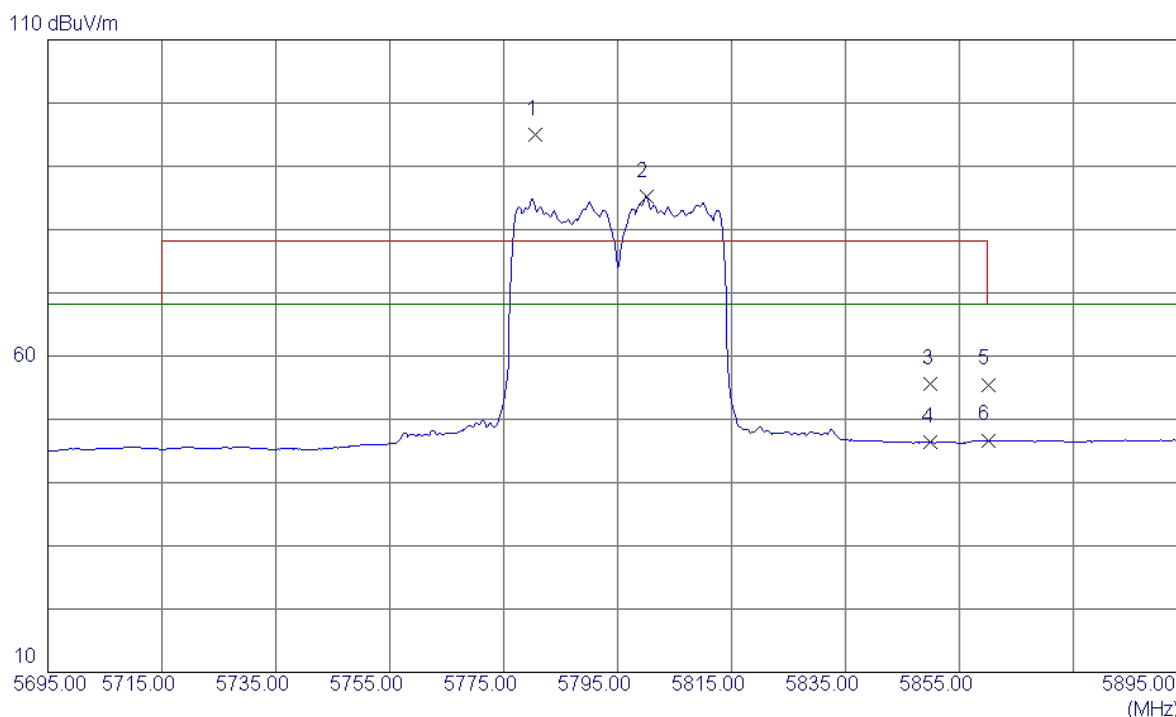
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11509.8850	25.02	15.52	40.54	68.30	-27.76	Peak	
2	11510.0450	12.00	15.52	27.52	54.00	-26.48	AVG	

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

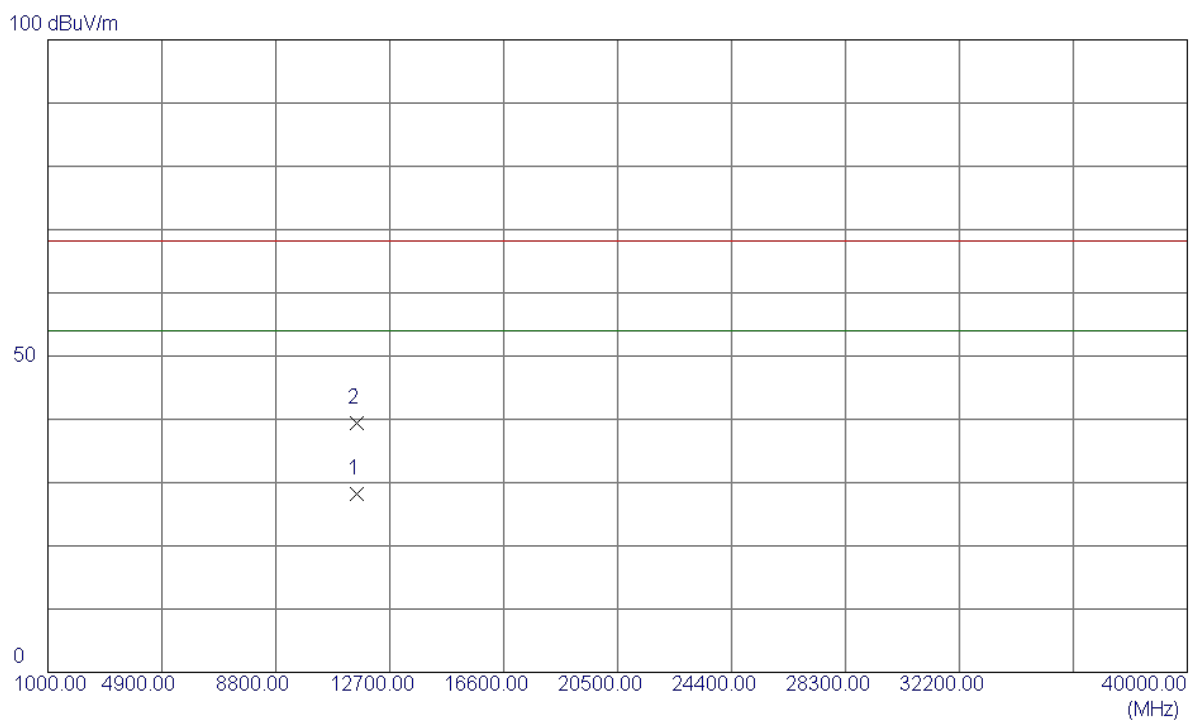
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5780.6000	51.76	43.18	94.94	78.30	16.64	Peak	no limit
2	5800.0000	42.04	43.23	85.27	68.30	16.97	AVG	no limit
3	5850.0000	12.24	43.34	55.58	78.30	-22.72	Peak	
4	5850.0000	2.98	43.34	46.32	68.30	-21.98	AVG	
5	5860.0000	12.14	43.36	55.50	68.30	-12.80	Peak	
6	5860.0000	3.34	43.36	46.70	68.30	-21.60	AVG	

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

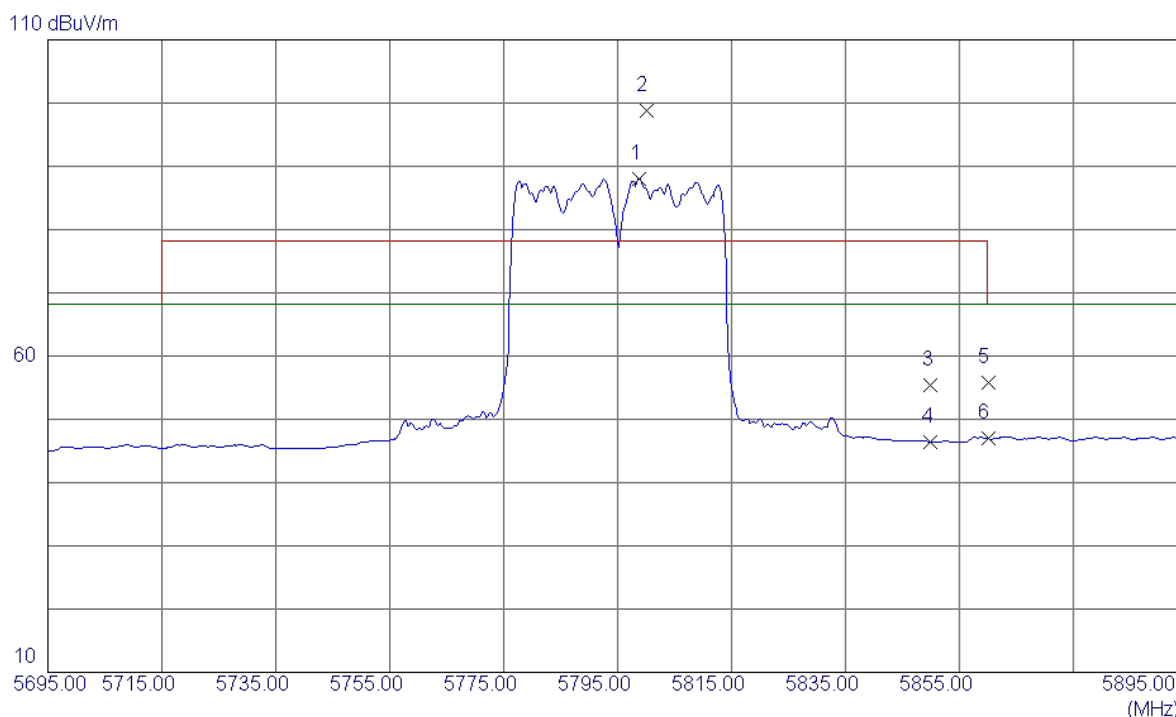
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.2000	12.65	15.55	28.20	54.00	-25.80	AVG	
2	11590.7550	23.93	15.55	39.48	68.30	-28.82	Peak	

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

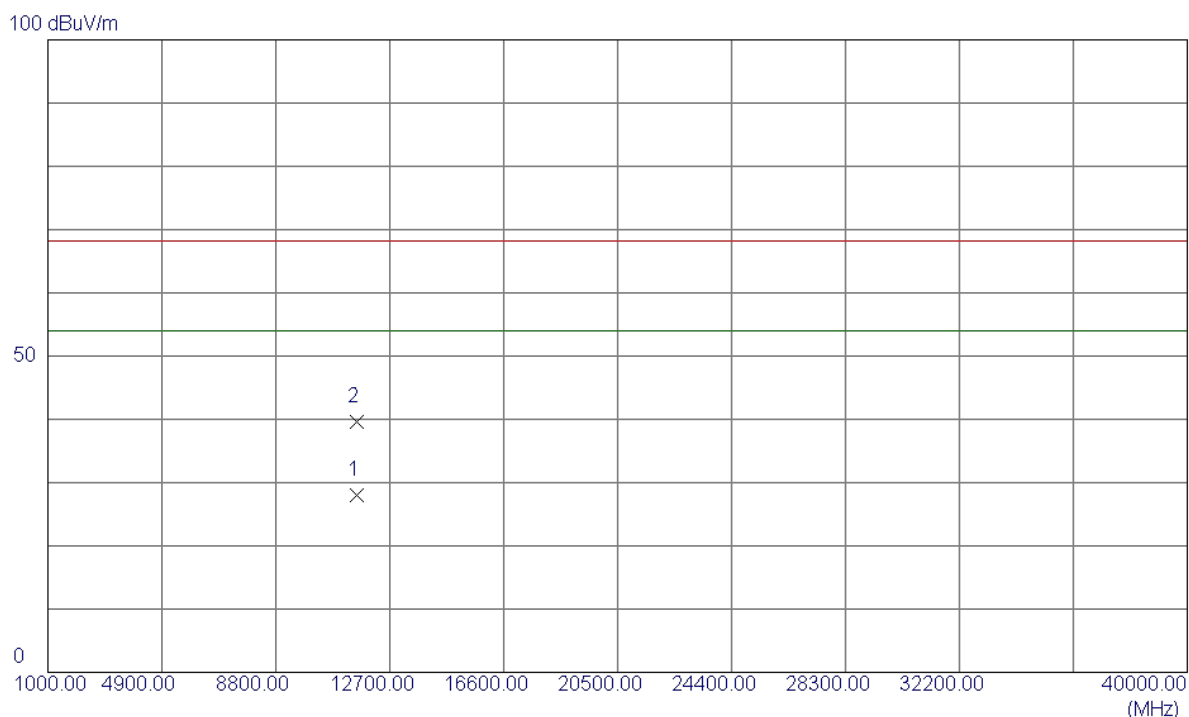
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5798.8000	44.84	43.22	88.06	68.30	19.76	AVG	no limit
2	5800.0000	55.52	43.23	98.75	78.30	20.45	Peak	no limit
3	5850.0000	12.02	43.34	55.36	78.30	-22.94	Peak	
4	5850.0000	3.11	43.34	46.45	68.30	-21.85	AVG	
5	5860.0000	12.53	43.36	55.89	68.30	-12.41	Peak	
6	5860.0000	3.62	43.36	46.98	68.30	-21.32	AVG	

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

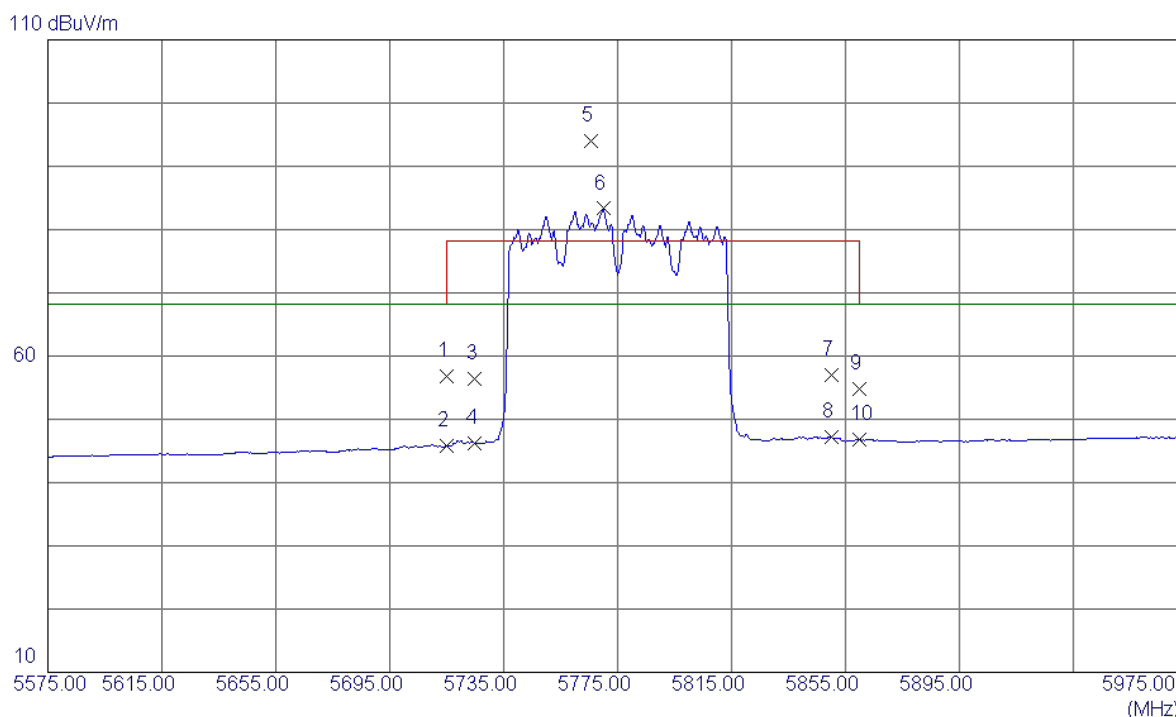
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11590.1200	12.39	15.55	27.94	54.00	-26.06	AVG	
2	11590.1950	24.09	15.55	39.64	68.30	-28.66	Peak	

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

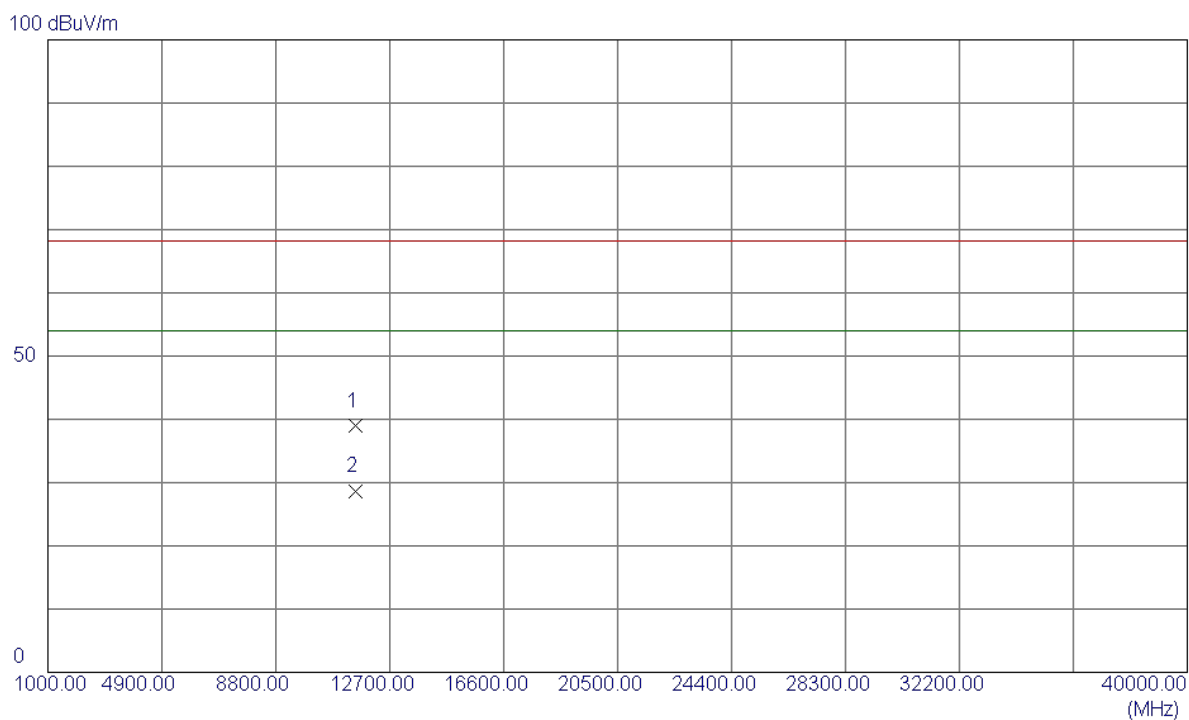
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	13.67	43.04	56.71	68.30	-11.59	Peak	
2	5715.0000	2.75	43.04	45.79	68.30	-22.51	AVG	no limit
3	5725.0000	13.43	43.06	56.49	78.30	-21.81	Peak	
4	5725.0000	3.12	43.06	46.18	68.30	-22.12	AVG	
5	5765.8000	50.80	43.15	93.95	78.30	15.65	Peak	no limit
6	5770.2000	40.14	43.16	83.30	68.30	15.00	AVG	no limit
7	5850.0000	13.66	43.34	57.00	78.30	-21.30	Peak	
8	5850.0000	3.83	43.34	47.17	68.30	-21.13	AVG	
9	5860.0000	11.47	43.36	54.83	68.30	-13.47	Peak	
10	5860.0000	3.47	43.36	46.83	68.30	-21.47	AVG	

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

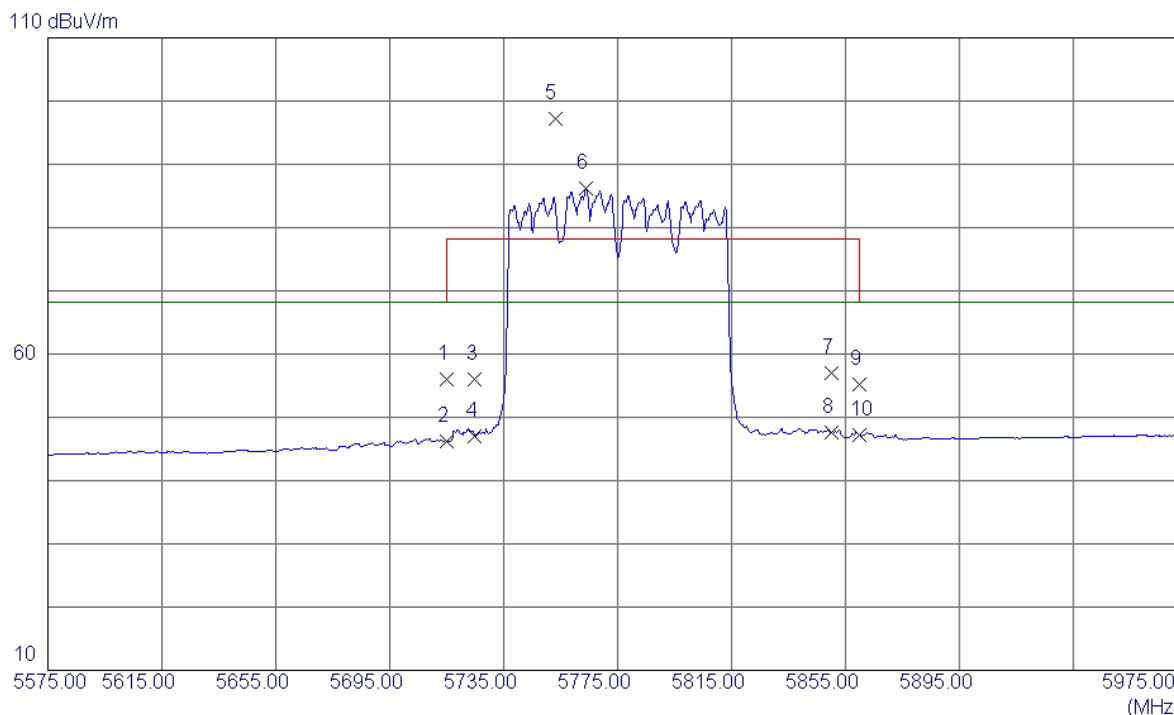
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11550.0700	23.36	15.54	38.90	68.30	-29.40	Peak	
2	11550.1200	13.08	15.54	28.62	54.00	-25.38	AVG	

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

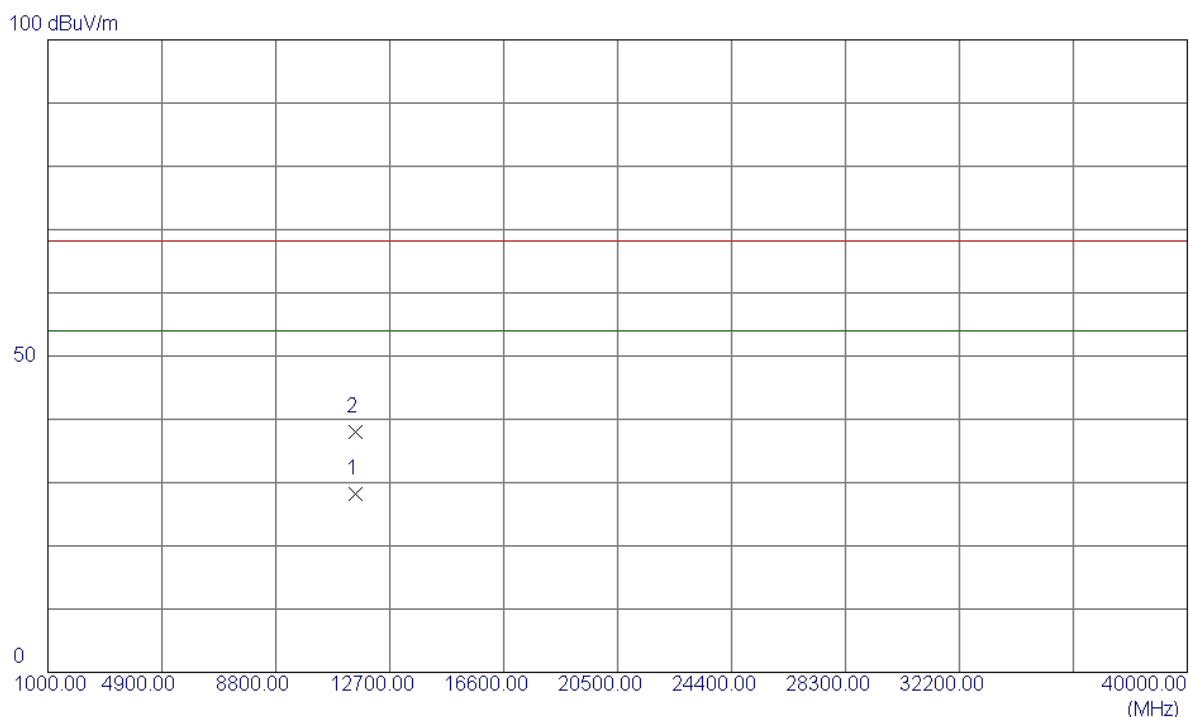
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	12.88	43.04	55.92	68.30	-12.38	Peak	
2	5715.0000	3.12	43.04	46.16	68.30	-22.14	AVG	no limit
3	5725.0000	13.03	43.06	56.09	78.30	-22.21	Peak	
4	5725.0000	3.89	43.06	46.95	68.30	-21.35	AVG	
5	5753.0000	53.99	43.12	97.11	78.30	18.81	Peak	no limit
6	5763.8000	43.05	43.15	86.20	68.30	17.90	AVG	no limit
7	5850.0000	13.66	43.34	57.00	78.30	-21.30	Peak	
8	5850.0000	4.24	43.34	47.58	68.30	-20.72	AVG	
9	5860.0000	11.85	43.36	55.21	68.30	-13.09	Peak	
10	5860.0000	3.87	43.36	47.23	68.30	-21.07	AVG	

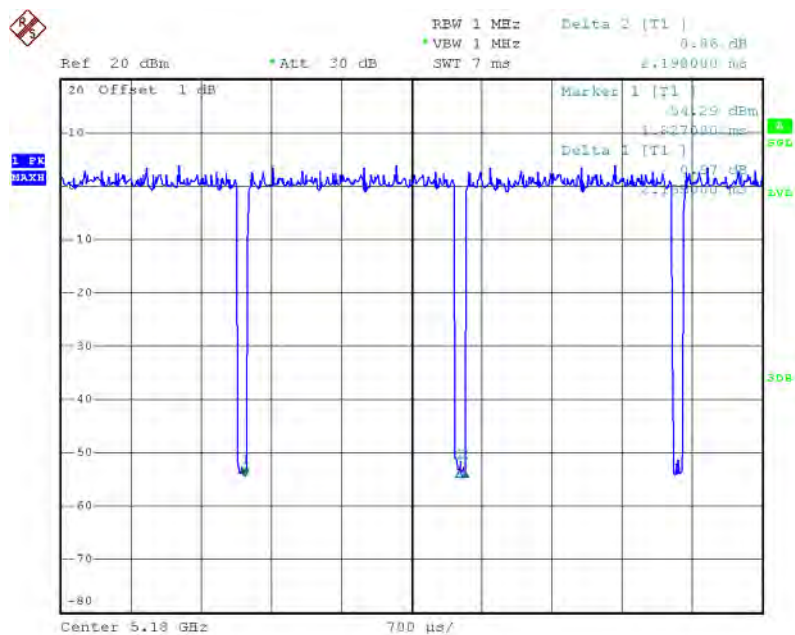
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11550.1500	12.59	15.54	28.13	54.00	-25.87	AVG	
2	11550.2250	22.49	15.54	38.03	68.30	-30.27	Peak	

TX A Mode_DUTY CYCLE



Date: 19.JUL.2015 15:12:28

Duty cycle: TX DUTYMHz

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

T_{ON} : 2.15 msec

T_{Total} : 2.20 msec

Duty cycle: 97.73%

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

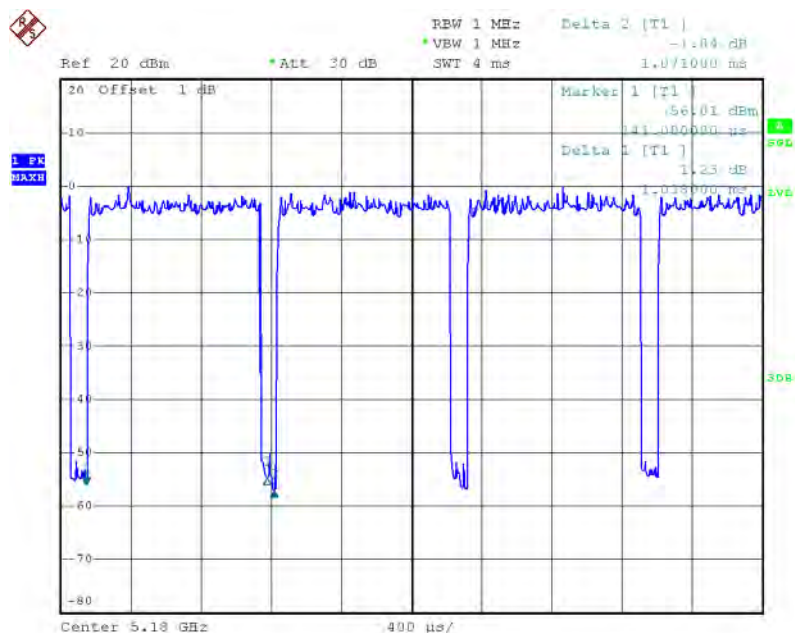
Duty Factor = 0.10

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 caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE



Date: 19.JUL.2015 12:13:17

Duty cycle: TX DUTYMHz

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

T_{ON} : 1.04 msec

T_{Total} : 1.07 msec

Duty cycle: 97.20%

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

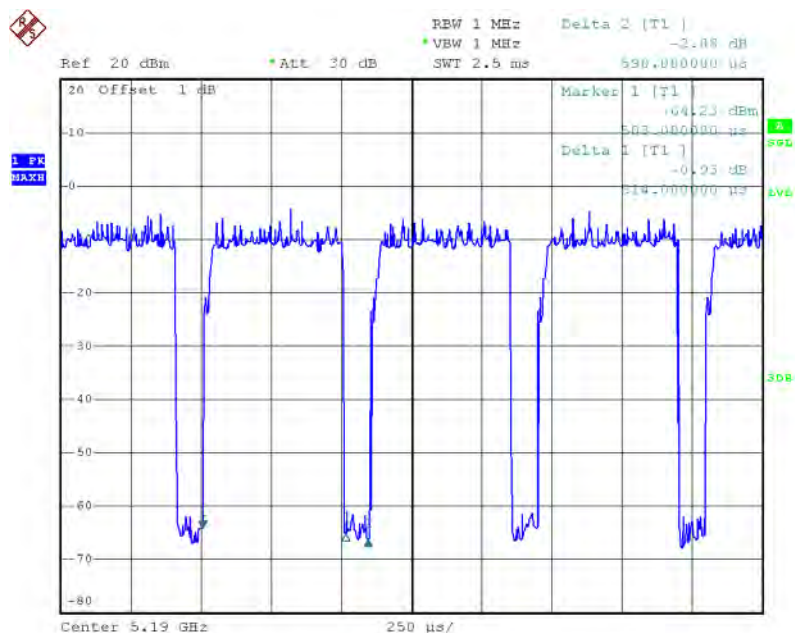
Duty Factor = 0.12

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 caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE



Date: 19.JUL.2015 13:03:51

Duty cycle: TX DUTYMHz

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

T_{ON} : 0.51 msec

T_{Total} : 0.59 msec

Duty cycle: 86.44%

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

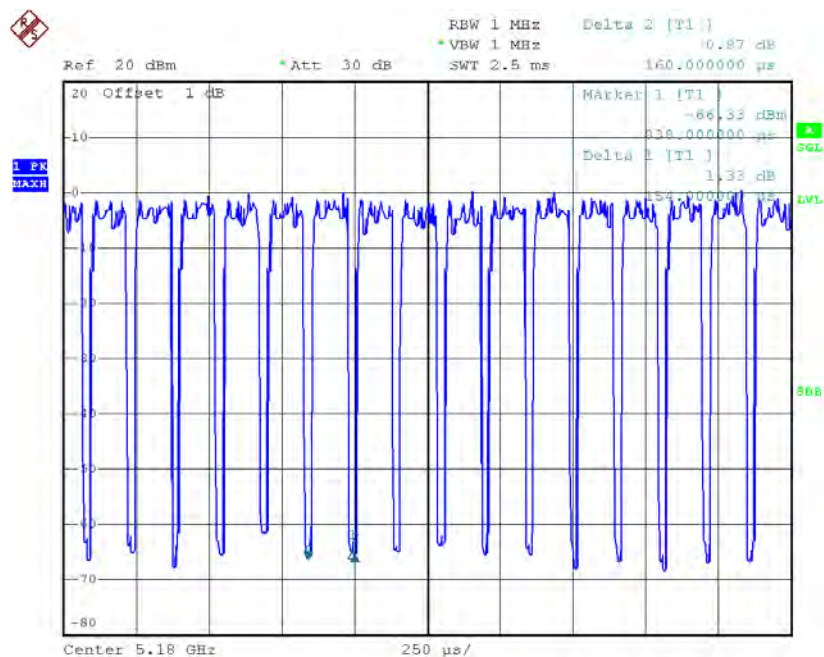
Duty Factor = 0.63

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 caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC20 Mode_DUTY CYCLE



Date: 19.JUL.2015 12:56:23

Duty cycle: TX DUTYMHz

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

T_{ON} : 0.15 msec

T_{Total} : 0.16 msec

Duty cycle: 93.75%

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

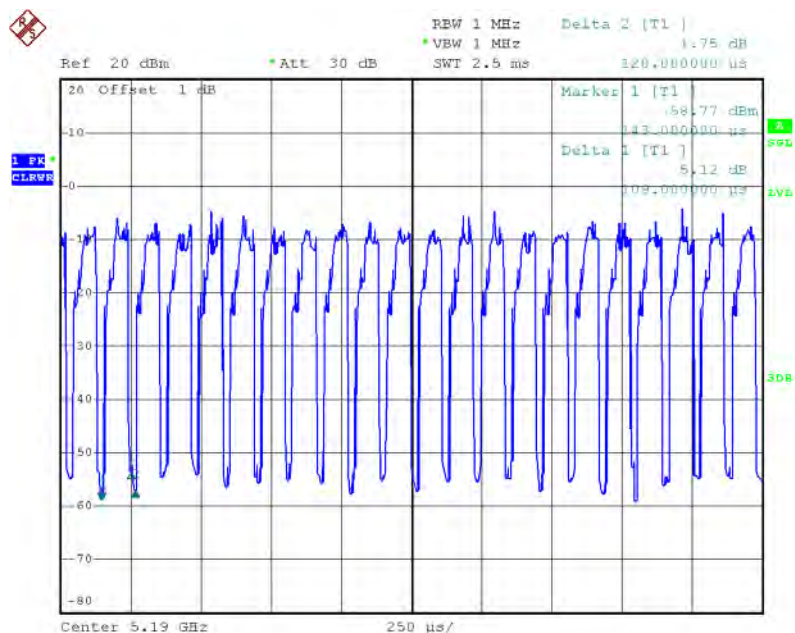
Duty Factor = 0.28

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 caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE



Date: 19.JUL.2015 13:14:38

Duty cycle: TX DUTYMHz

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

T_{ON} : 0.11 msec

T_{Total} : 0.12 msec

Duty cycle: 91.67%

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

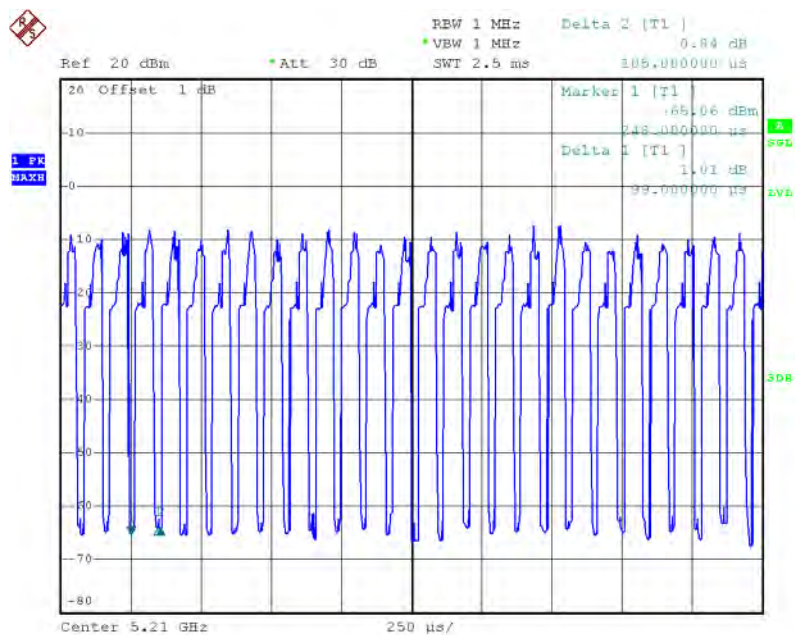
Duty Factor = 0.38

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 caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE



Date: 19.JUL.2015 13:17:07

Duty cycle: TX DUTYMHz

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

T_{ON} : 0.10 msec

T_{Total} : 0.11 msec

Duty cycle: 90.91%

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

Duty Factor = 0.41

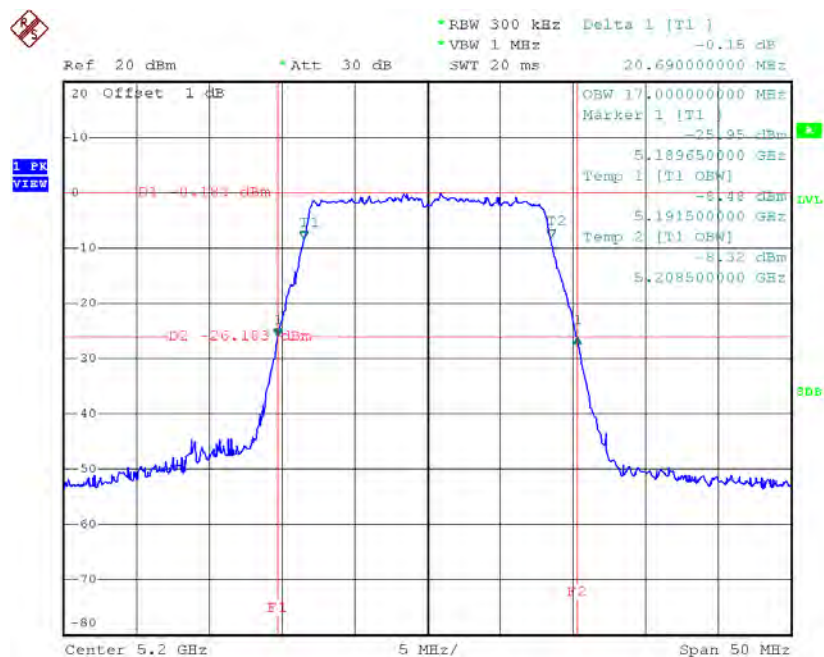
Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

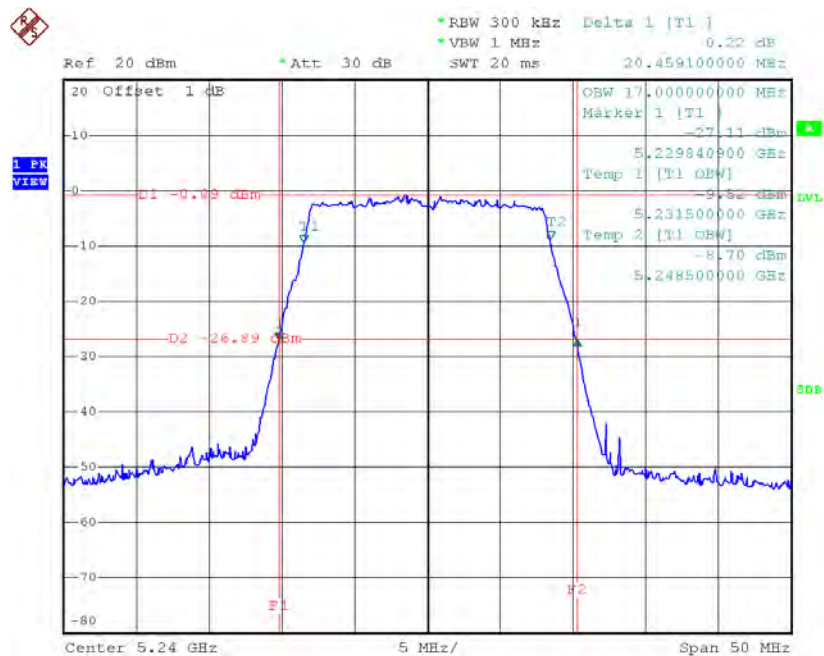
ATTACHMENT E - BANDWIDTH

TX CH40



Date: 19.JUL.2015 15:13:52

TX CH48

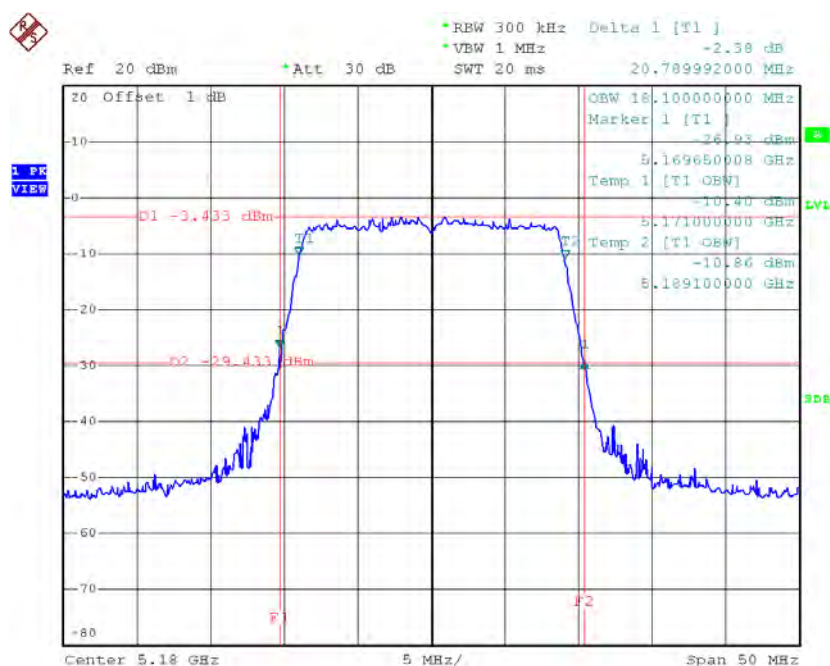


Date: 19.JUL.2015 15:15:34

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

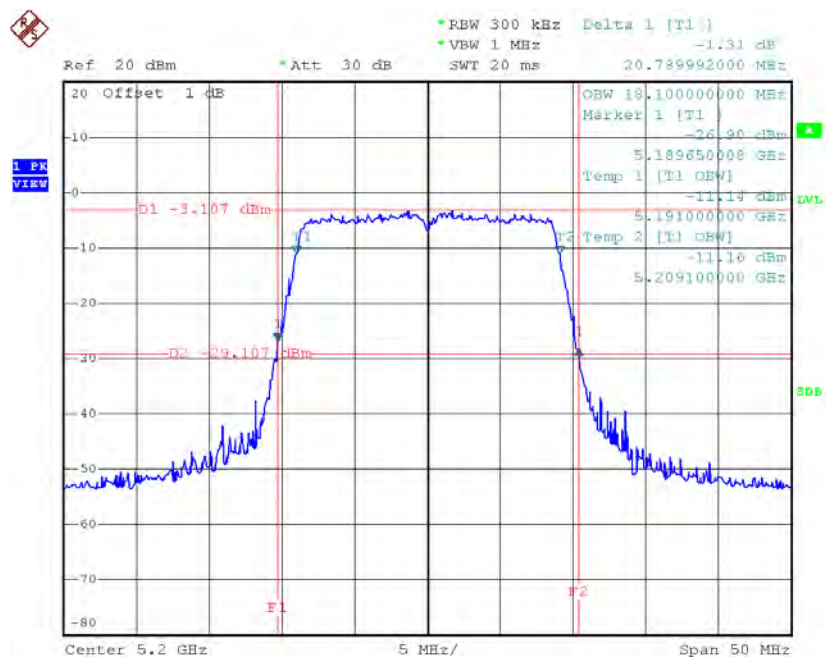
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.79	18.10
CH40	5200	20.79	18.10
CH48	5240	20.85	18.10

TX CH36



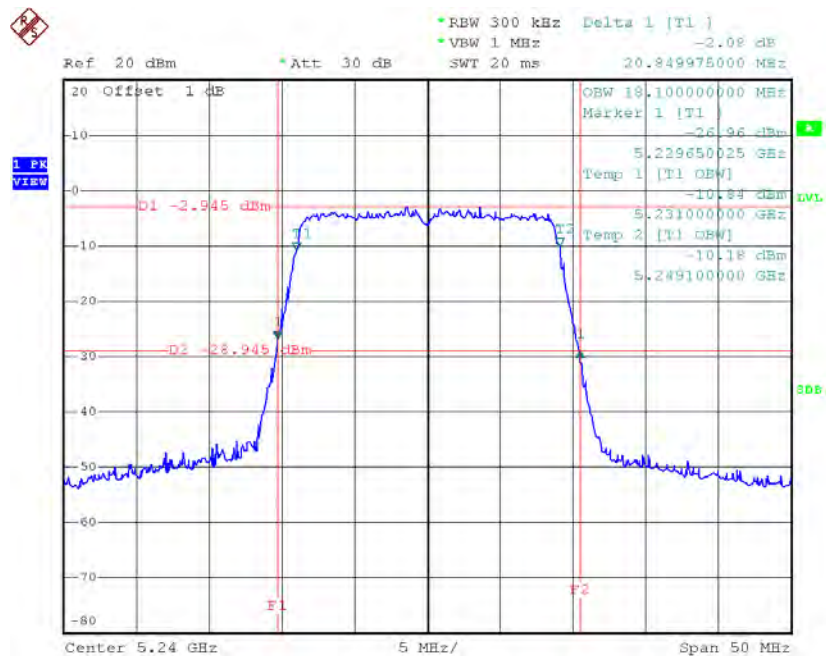
Date: 19.JUL.2015 12:12:45

TX CH40



Date: 19.JUL.2015 12:14:36

TX CH48

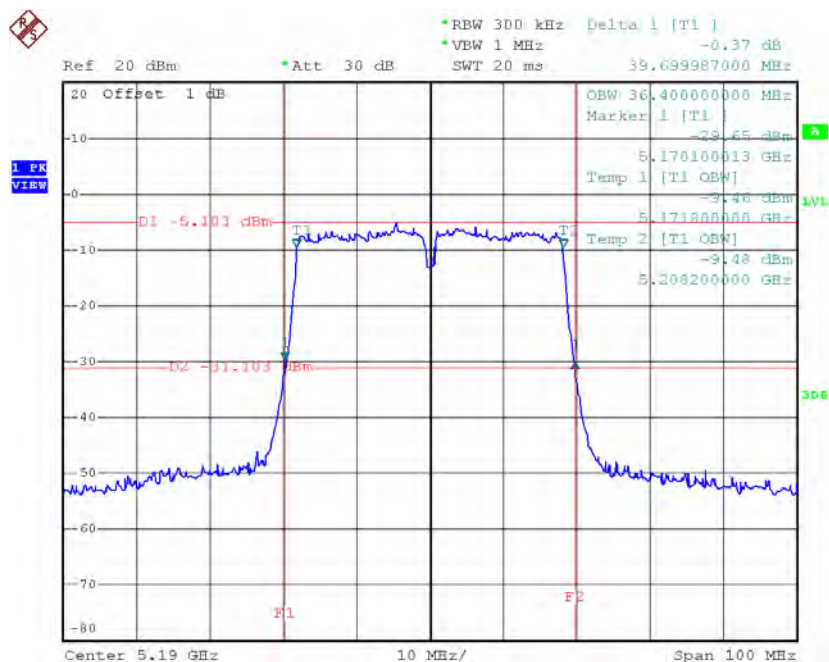


Date: 19.JUL.2015 12:15:35

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

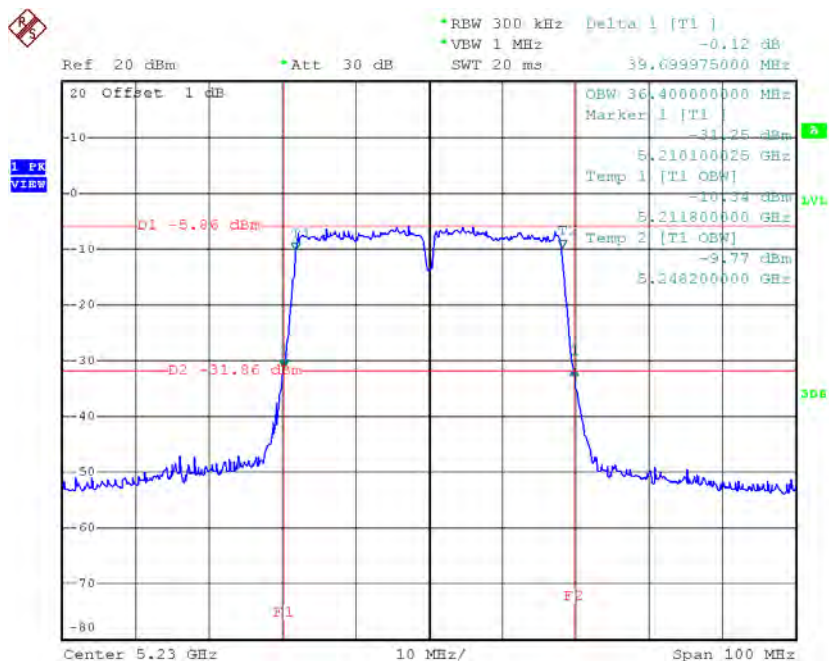
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	39.70	36.40
CH46	5230	39.70	36.40

TX CH38



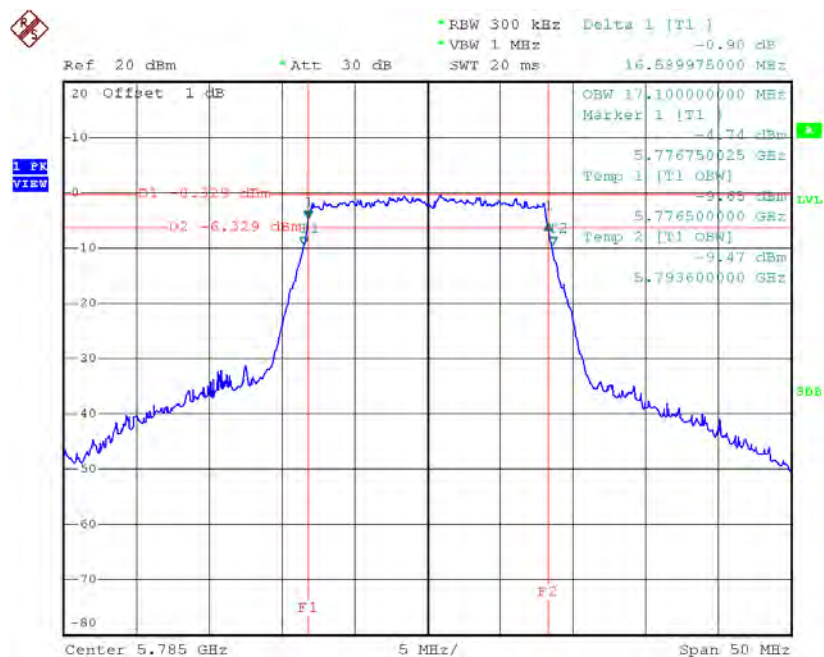
Date: 19.JUL.2015 12:58:35

TX CH46



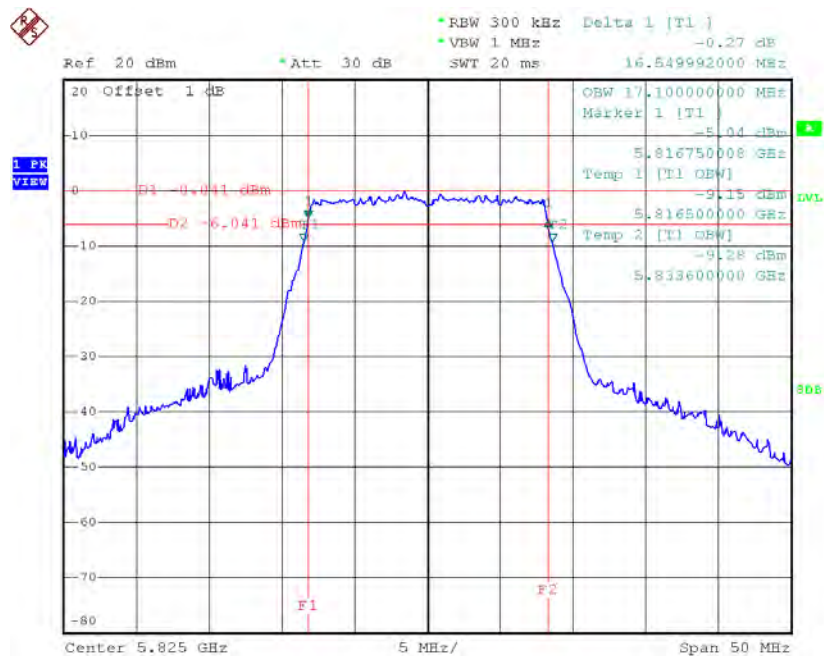
Date: 19.JUL.2015 12:59:59

TX CH 157



Date: 19.JUL.2015 15:19:08

TX CH 165

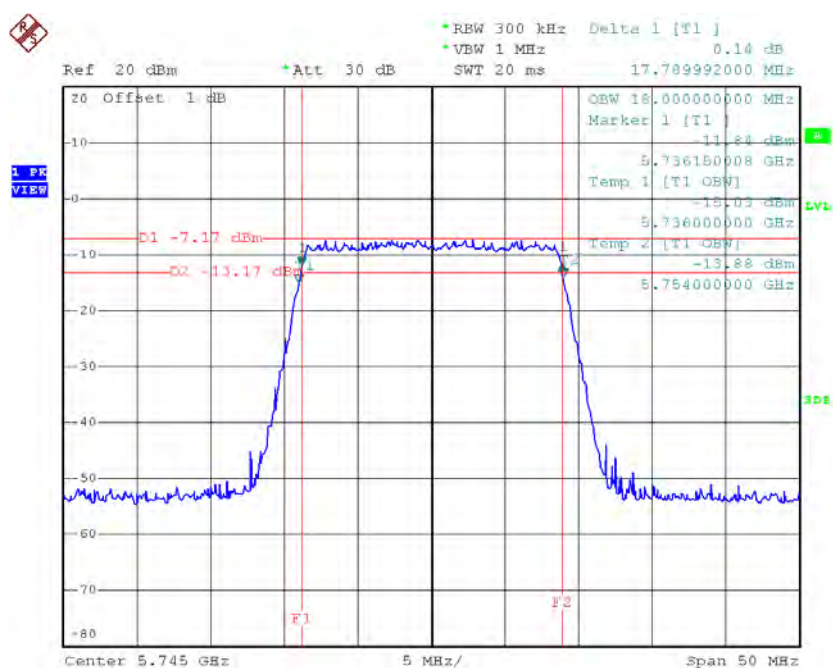


Date: 19.JUL.2015 15:21:13

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

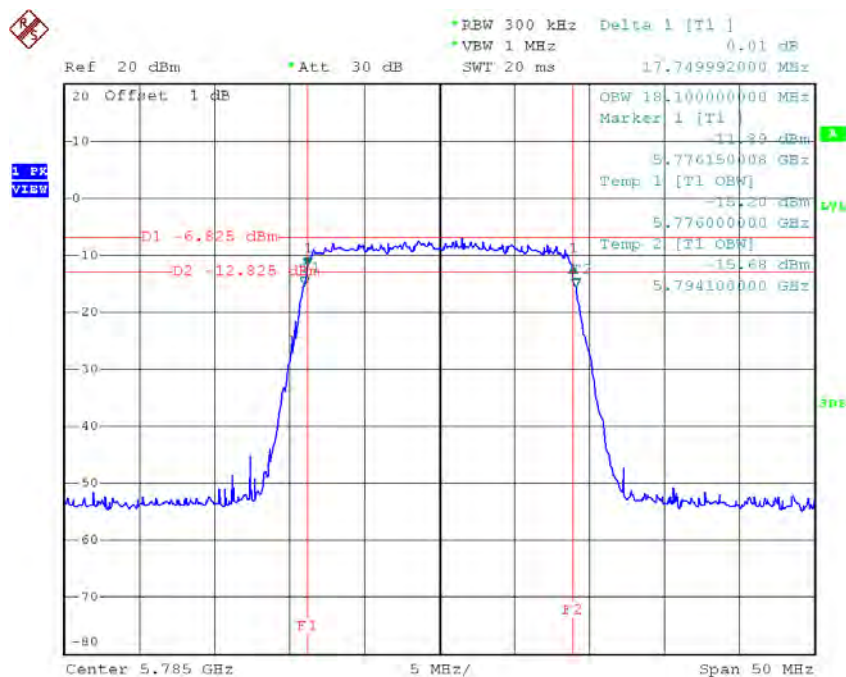
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.79	18.00	>=500
CH157	5785	17.75	18.10	>=500
CH165	5825	17.79	18.10	>=500

TX CH 149



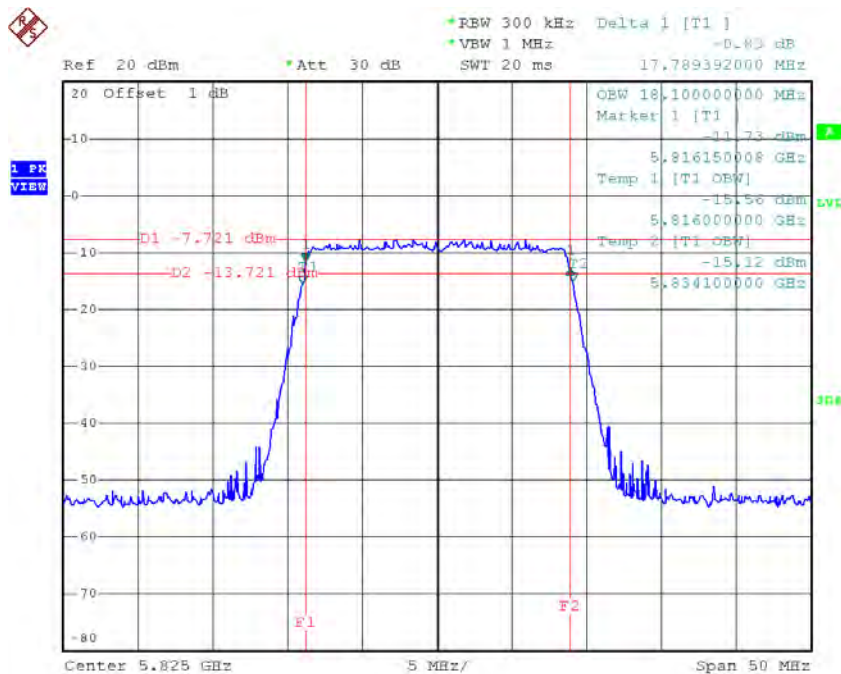
Date: 19.JUL.2015 12:16:52

TX CH 157



Date: 19.JUL.2015 12:18:01

TX CH 165

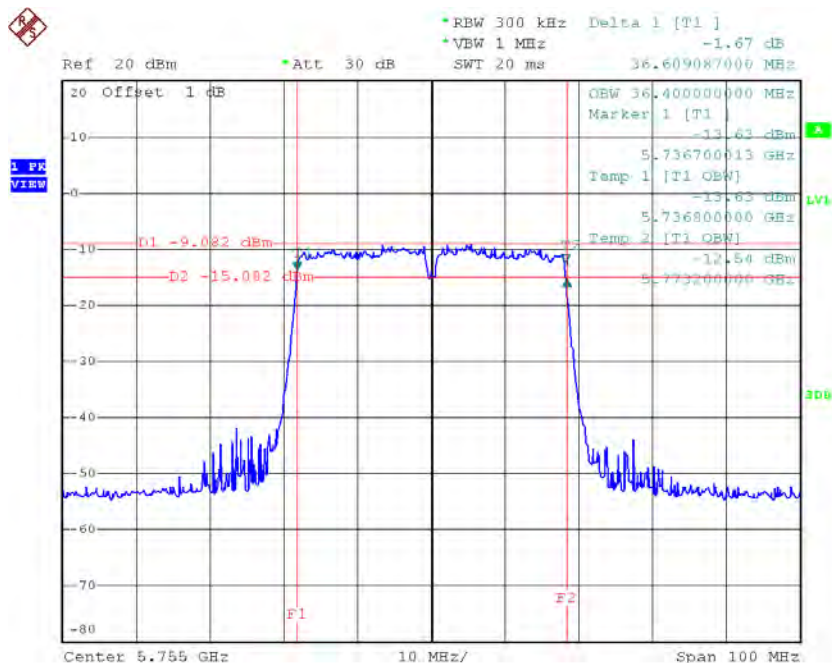


Date: 19.JUL.2015 12:19:08

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

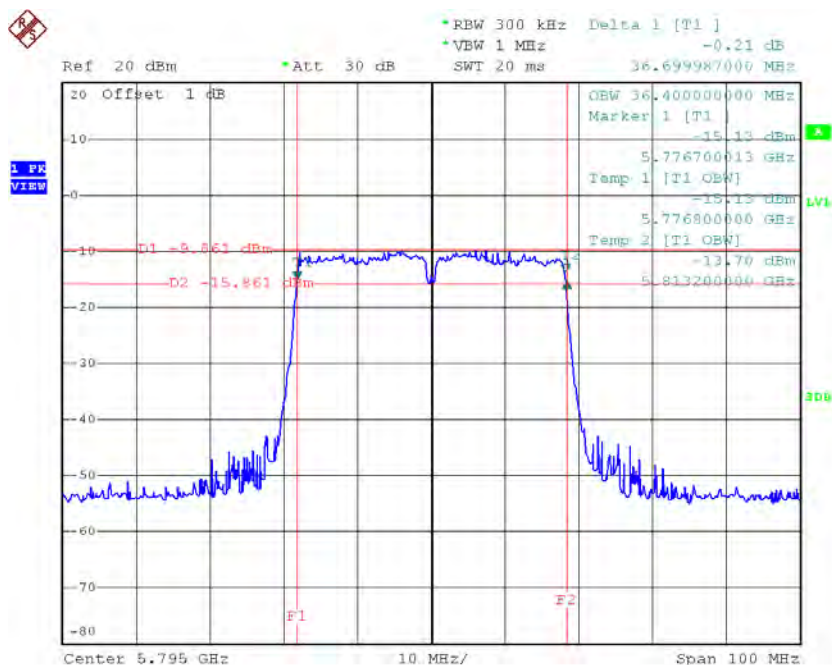
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.61	36.40	>=500
CH159	5795	36.70	36.40	>=500

TX CH 151



Date: 19.JUL.2015 13:01:17

TX CH 159

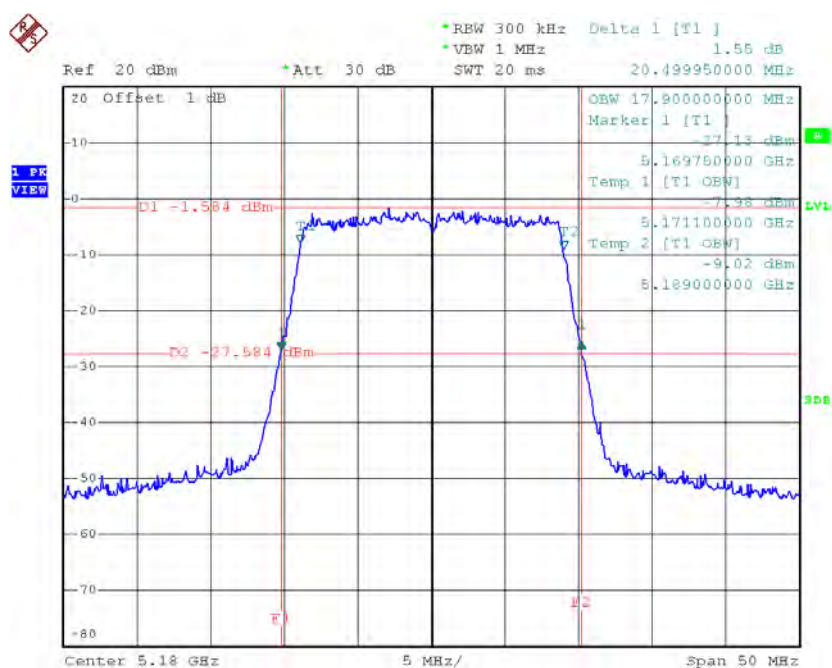


Date: 19.JUL.2015 13:02:40

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

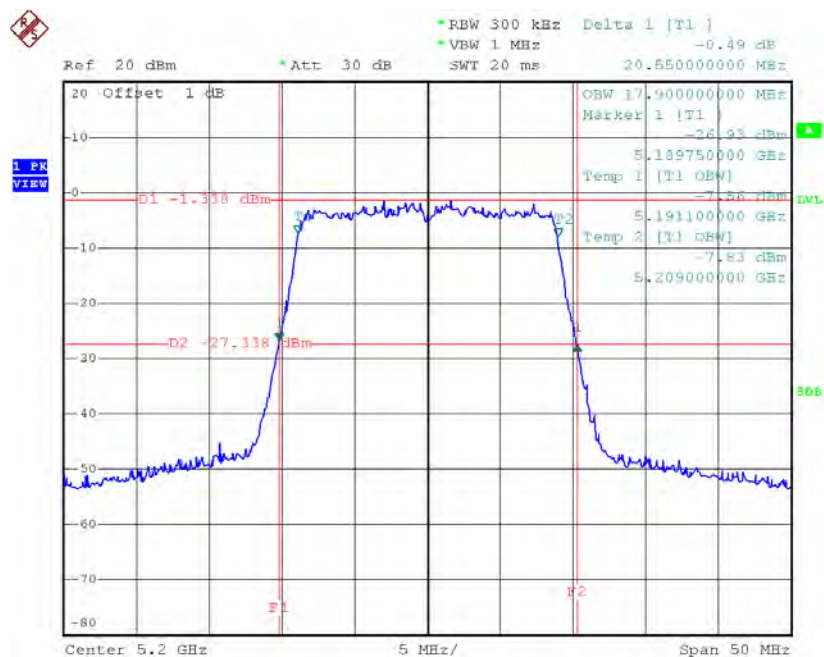
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.50	17.90
CH40	5200	20.55	17.90
CH48	5240	20.39	18.00

TX CH36



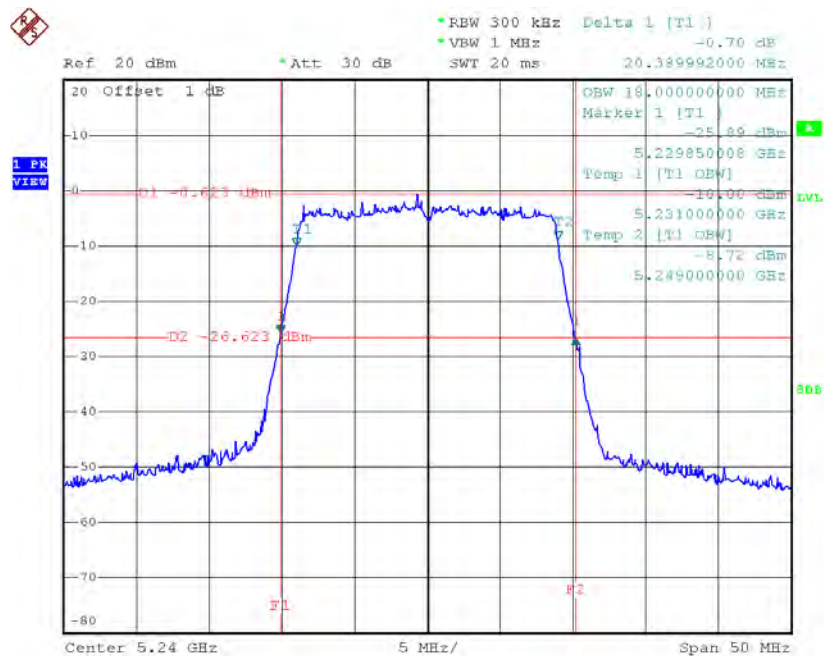
Date: 19.JUL.2015 12:21:43

TX CH40



Date: 19.JUL.2015 12:50:36

TX CH48

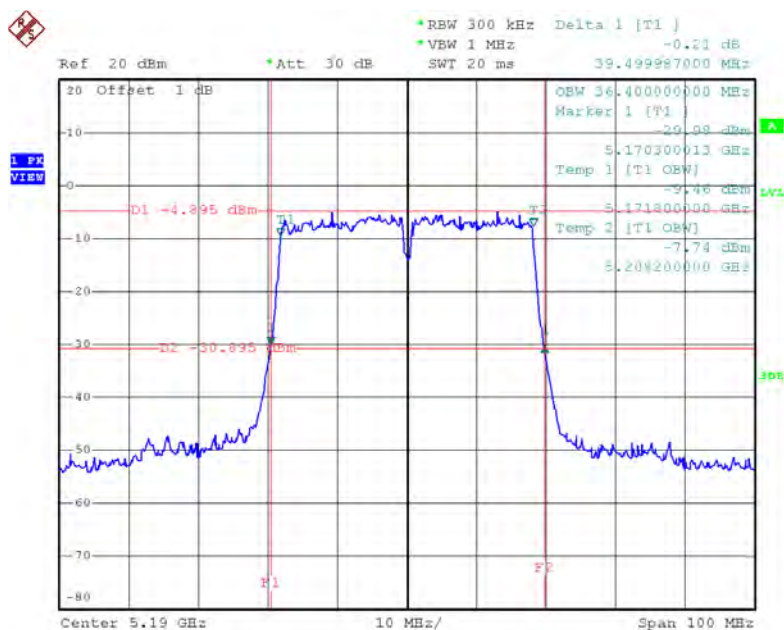


Date: 19.JUL.2015 12:51:34

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

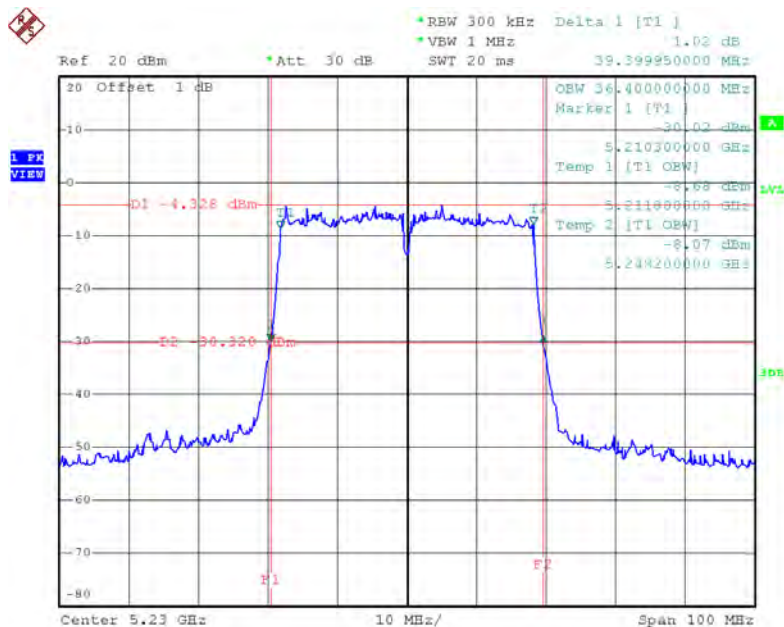
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	39.50	36.40
CH46	5230	39.40	36.40

TX CH38



Date: 19.JUL.2015 13:05:58

TX CH46

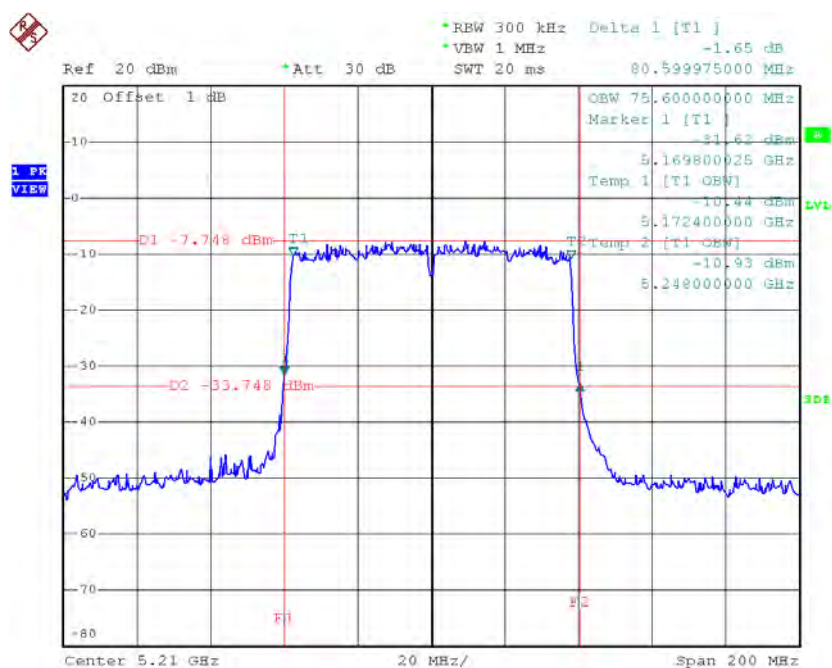


Date: 19.JUL.2015 13:07:50

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	80.60	75.60

TX CH42

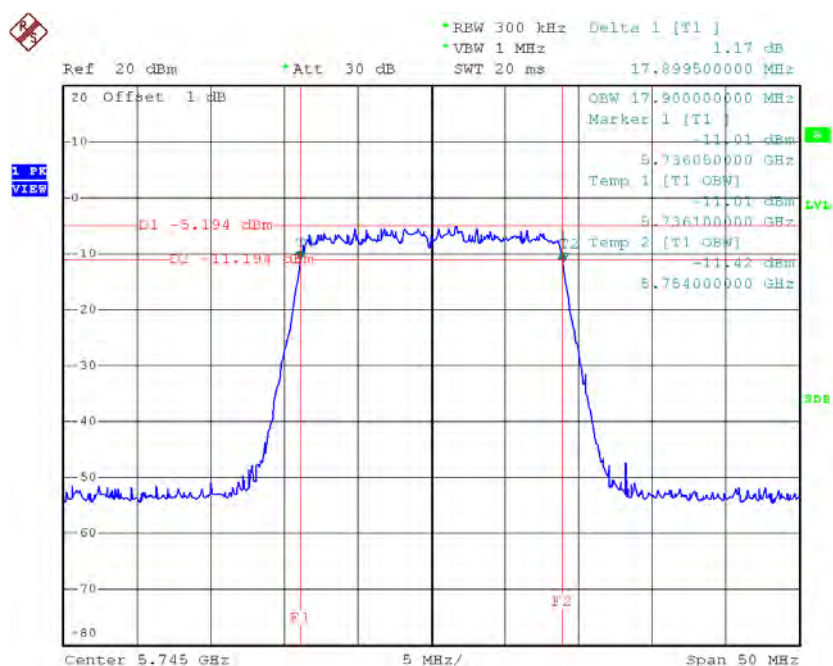


Date: 19.JUL.2015 13:16:47

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

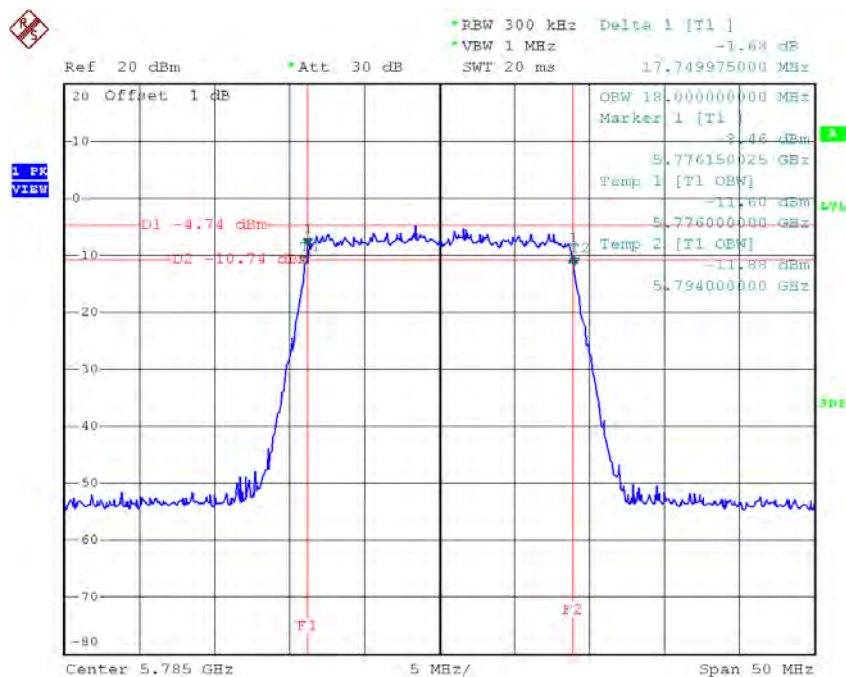
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.90	17.90	>=500
CH157	5785	17.75	18.00	>=500
CH165	5825	17.89	17.90	>=500

TX CH 149



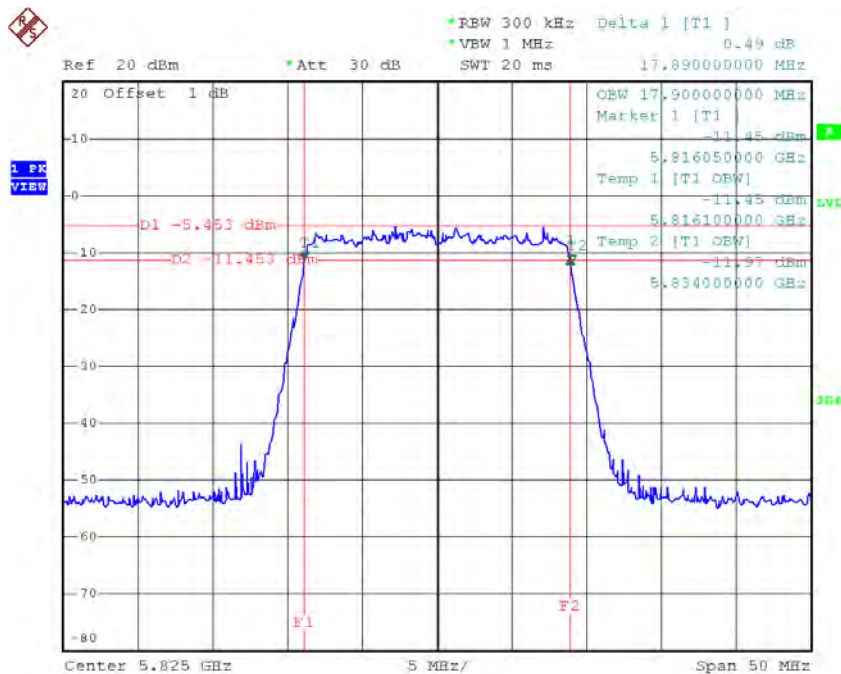
Date: 19.JUL.2015 12:52:47

TX CH 157



Date: 19.JUL.2015 12:54:20

TX CH 165

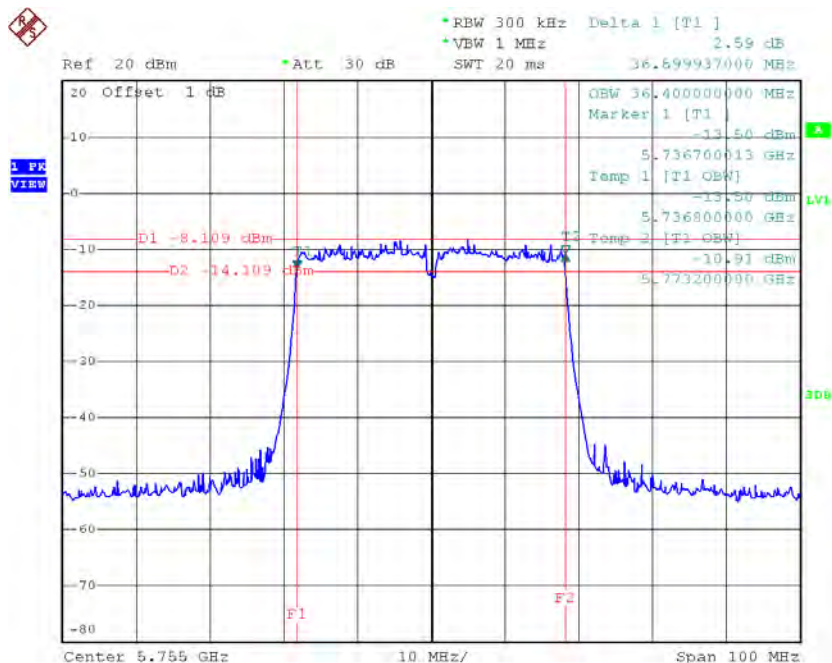


Date: 19.JUL.2015 12:55:20

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

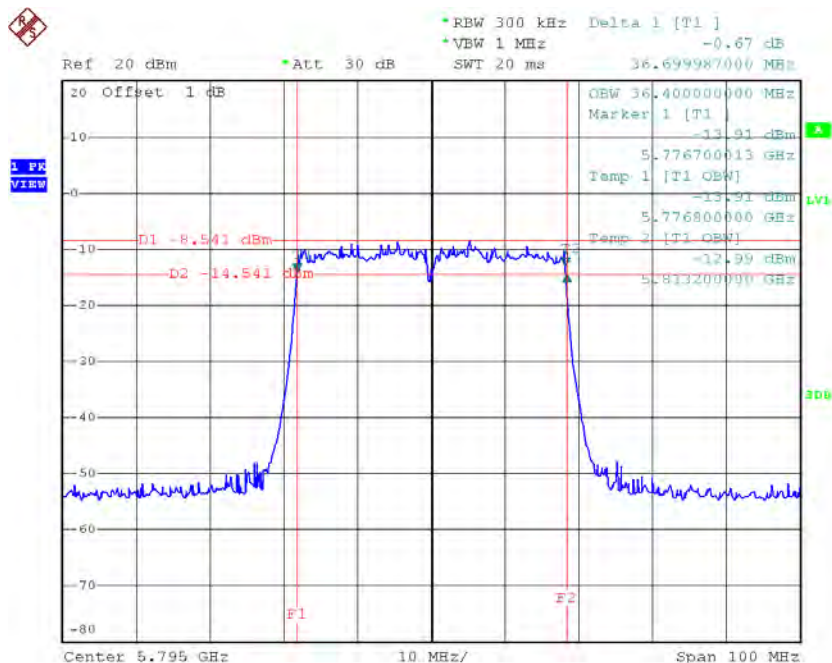
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	36.60	36.40	>=500
CH159	5795	36.70	36.40	>=500

TX CH 151



Date: 19.JUL.2015 13:09:27

TX CH 159

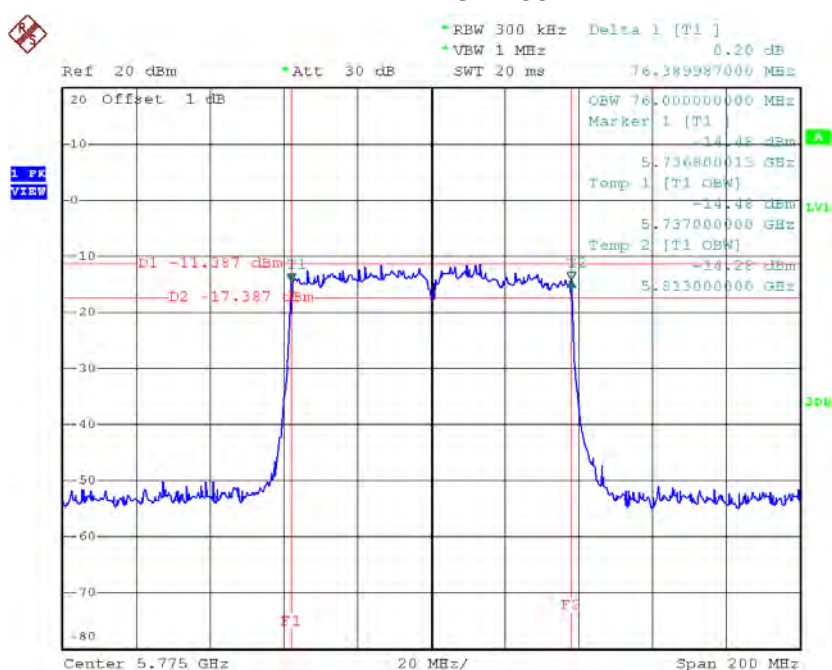


Date: 19.JUL.2015 13:10:37

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH155	5775	76.39	76.00	>=500

TX CH 155



Date: 19.JUL.2015 13:18:39

ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	7.75	0.10	7.85	24.00	0.25
CH40	5200	7.64	0.10	7.74	24.00	0.25
CH48	5240	7.65	0.10	7.75	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	3.45	0.12	3.57	24.00	0.25
CH40	5200	3.50	0.12	3.62	24.00	0.25
CH48	5240	3.72	0.12	3.84	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	5.38	0.12	5.50	24.00	0.25
CH40	5200	5.33	0.12	5.45	24.00	0.25
CH48	5240	5.41	0.12	5.53	24.00	0.25

Test Mode: UNII-1/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	7.65	0.12	7.65	24.00	0.25
CH40	5200	7.64	0.12	7.64	24.00	0.25
CH48	5240	7.78	0.12	7.78	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	3.30	0.63	3.93	24.00	0.25
CH46	5230	3.37	0.63	4.00	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	4.95	0.63	5.58	24.00	0.25
CH46	5230	4.82	0.63	5.45	24.00	0.25

Test Mode: UNII-1/TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	7.84	0.63	7.84	24.00	0.25
CH46	5230	7.80	0.63	7.80	24.00	0.25

Test Mode: UNII-3/ TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	7.13	0.10	7.23	30.00	1.00
CH157	5785	7.21	0.10	7.31	30.00	1.00
CH165	5825	7.16	0.10	7.26	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	0.42	0.12	0.54	30.00	1.00
CH157	5785	0.39	0.12	0.51	30.00	1.00
CH165	5825	0.41	0.12	0.53	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	6.31	0.12	6.43	30.00	1.00
CH157	5785	6.33	0.12	6.45	30.00	1.00
CH165	5825	6.32	0.12	6.44	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	7.43	0.12	7.43	30.00	1.00
CH157	5785	7.44	0.12	7.44	30.00	1.00
CH165	5825	7.43	0.12	7.43	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	0.20	0.63	0.83	30.00	1.00
CH159	5795	0.21	0.63	0.84	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	5.65	0.63	6.28	30.00	1.00
CH159	5795	5.69	0.63	6.32	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	7.37	0.63	7.37	30.00	1.00
CH159	5795	7.40	0.63	7.40	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	3.37	0.28	3.65	24.00	0.25
CH40	5200	3.45	0.28	3.73	24.00	0.25
CH48	5240	3.55	0.28	3.83	24.00	0.25

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	5.05	0.28	5.33	24.00	0.25
CH40	5200	5.40	0.28	5.68	24.00	0.25
CH48	5240	5.42	0.28	5.70	24.00	0.25

Test Mode: UNII-1/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	7.58	0.28	7.58	24.00	0.25
CH40	5200	7.82	0.28	7.82	24.00	0.25
CH48	5240	7.88	0.28	7.88	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	3.50	0.38	3.88	24.00	0.25
CH46	5230	3.28	0.38	3.66	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	4.92	0.38	5.30	24.00	0.25
CH46	5230	4.94	0.38	5.32	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	7.66	0.38	7.66	24.00	0.25
CH46	5230	7.58	0.38	7.58	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	3.86	0.41	4.27	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	5.17	0.41	5.58	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	7.98	0.41	7.98	24.00	0.25

Test Mode: UNII-3/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	0.31	0.28	0.59	30.00	1.00
CH157	5785	0.23	0.28	0.51	30.00	1.00
CH165	5825	0.24	0.28	0.52	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	6.16	0.28	6.44	30.00	1.00
CH157	5785	6.17	0.28	6.45	30.00	1.00
CH165	5825	6.20	0.28	6.48	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	7.44	0.28	7.44	30.00	1.00
CH157	5785	7.44	0.28	7.44	30.00	1.00
CH165	5825	7.46	0.28	7.46	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	0.26	0.38	0.64	30.00	1.00
CH159	5795	0.20	0.38	0.58	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	5.73	0.38	6.11	30.00	1.00
CH159	5795	5.60	0.38	5.98	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	7.19	0.38	7.19	30.00	1.00
CH159	5795	7.08	0.38	7.08	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	0.25	0.41	0.66	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	6.10	0.41	6.51	30.00	1.00

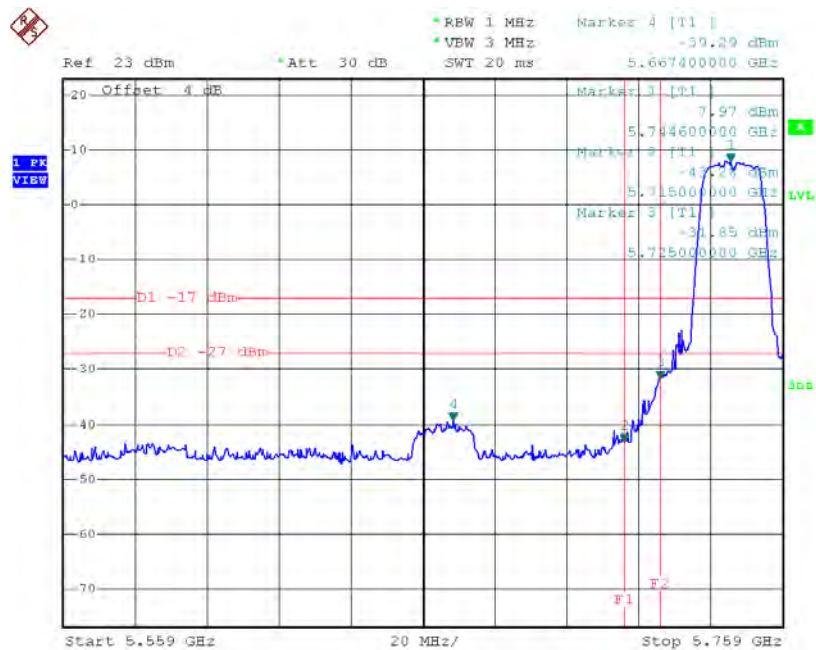
Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power + Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	7.51	0.41	7.51	30.00	1.00

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

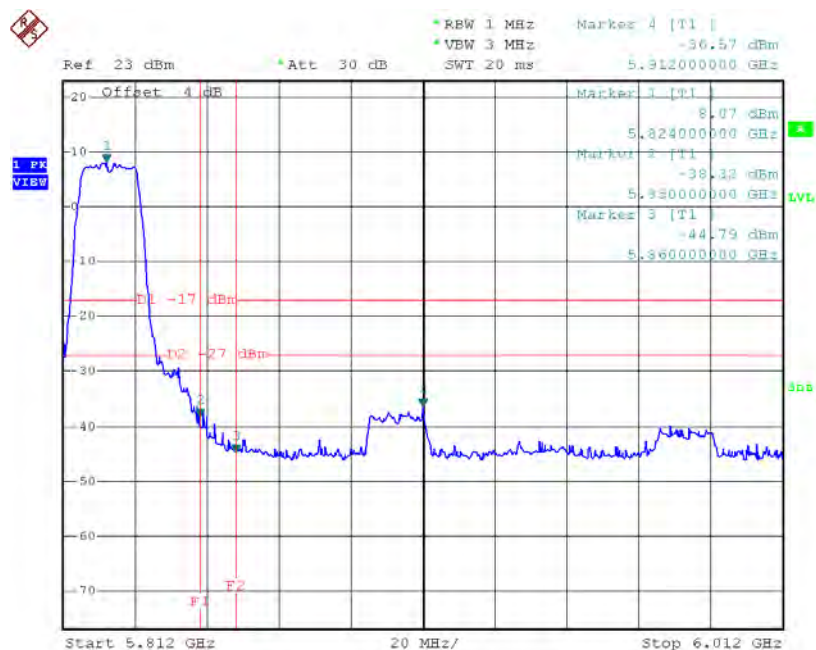
Test Mode: UNII-3/TX A Mode

TX A Mode CH149



Date: 19.JUL.2015 15:17:32

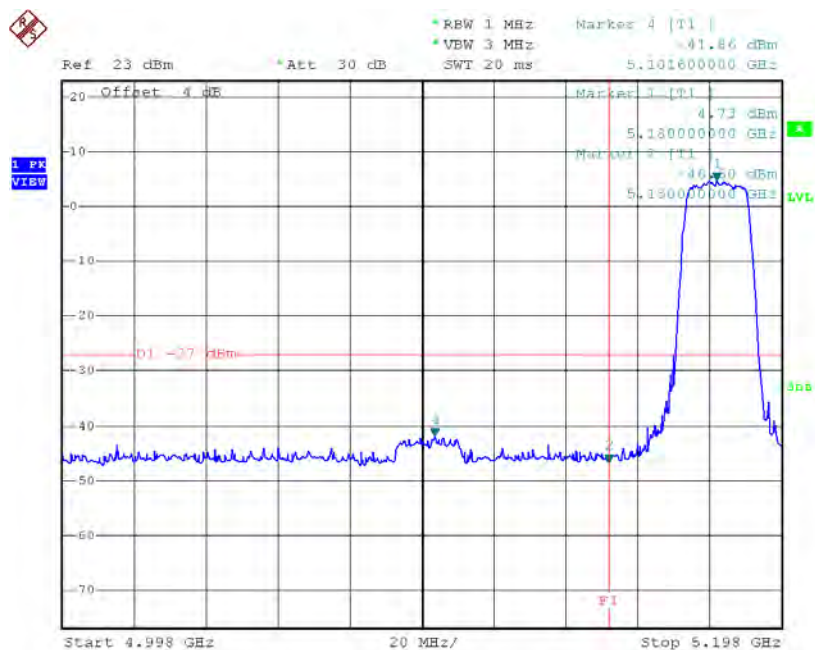
TX A Mode CH165



Date: 19.JUL.2015 15:21:31

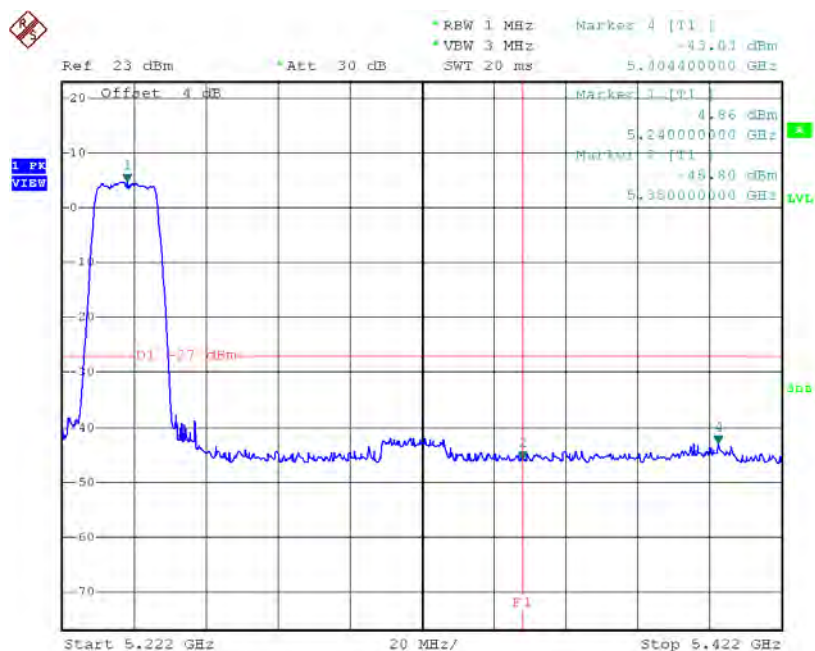
Test Mode: UNII-1/TX N20 Mode_ANT 1

TX mode CH36



Date: 19.JUL.2015 12:13:02

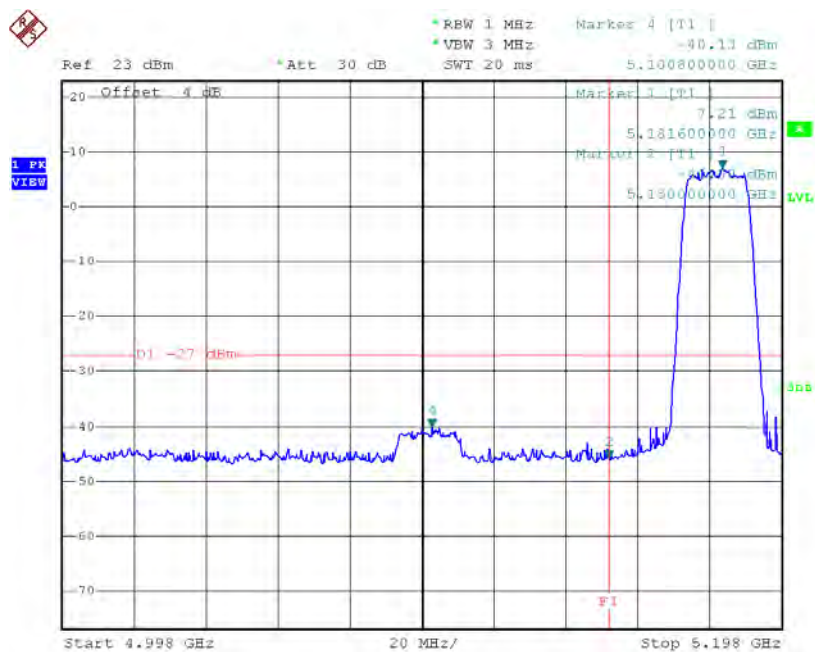
TX mode CH48



Date: 19.JUL.2015 12:15:52

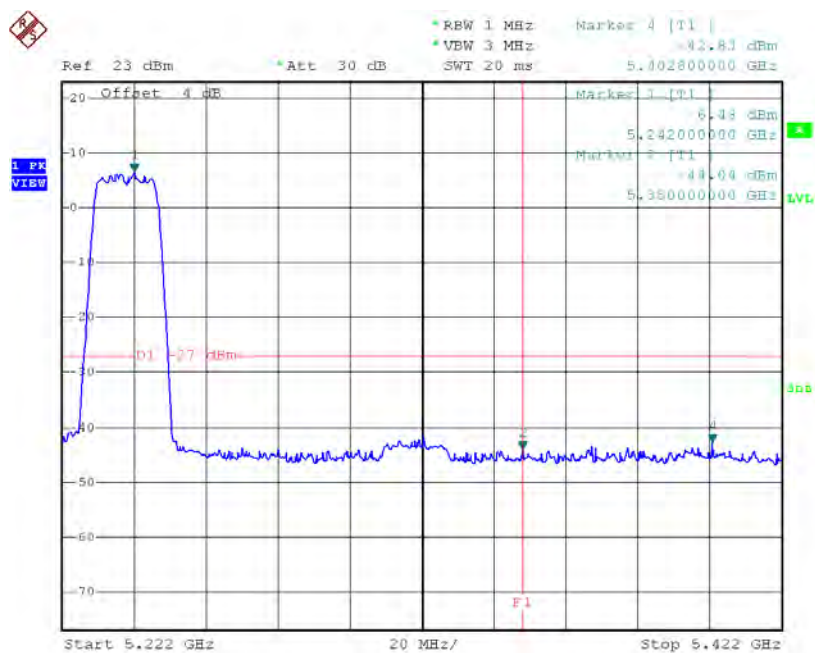
Test Mode:	UNII-1/TX N20 Mode_ANT 2
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TX mode CH36



Date: 19.JUL.2015 15:26:01

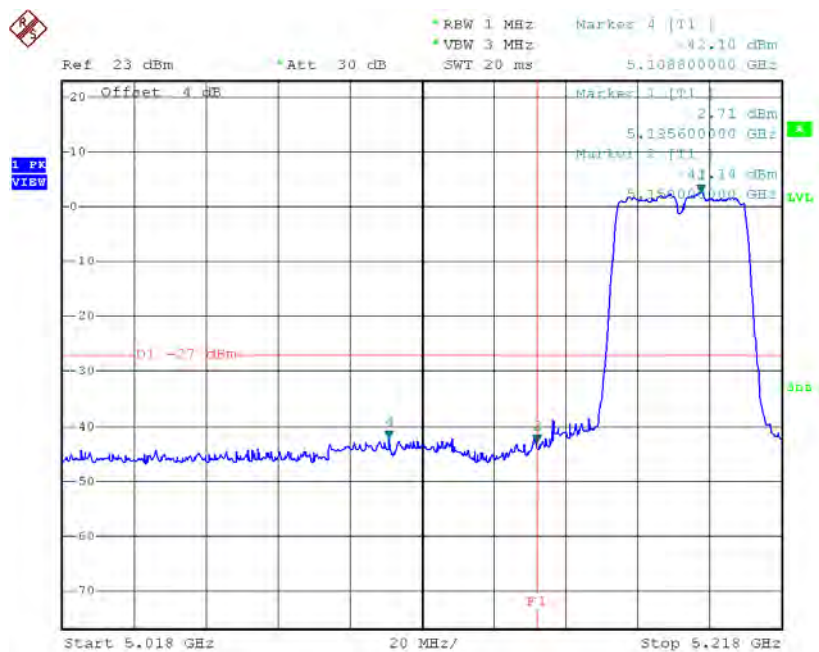
TX mode CH48



Date: 19.JUL.2015 15:28:28

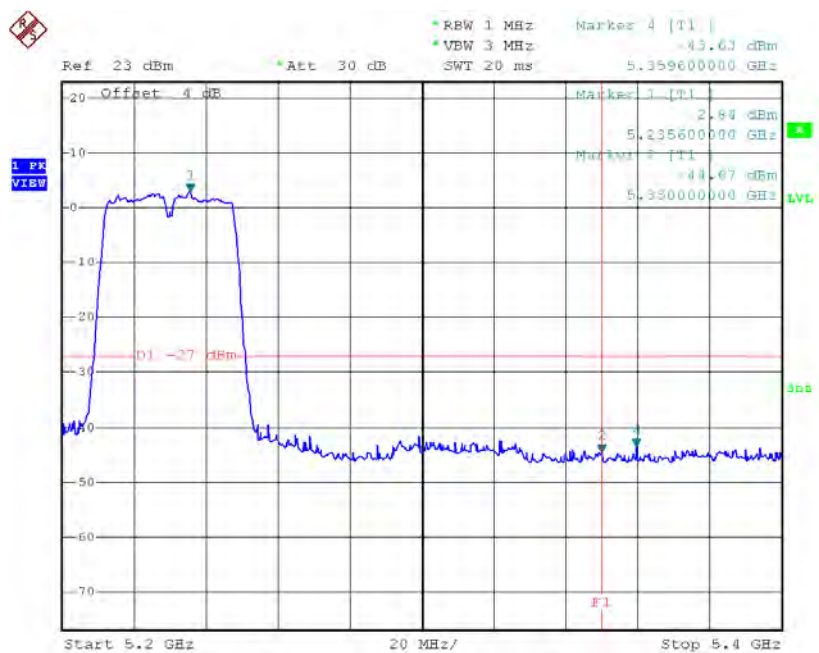
Test Mode:	UNII-1/TX N40 Mode_ANT 1
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TX mode CH38



Date: 19.JUL.2015 12:58:51

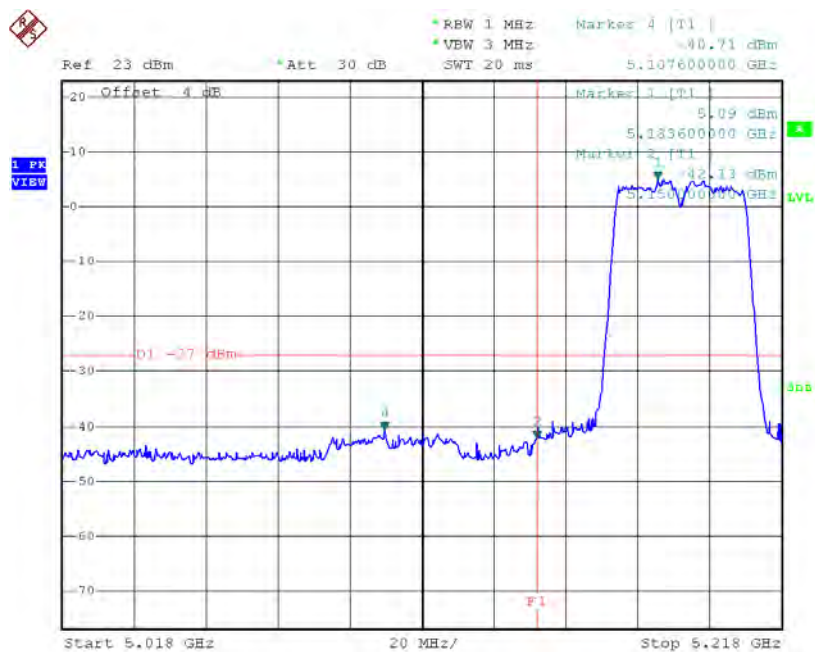
TX mode CH46



Date: 19.JUL.2015 13:00:16

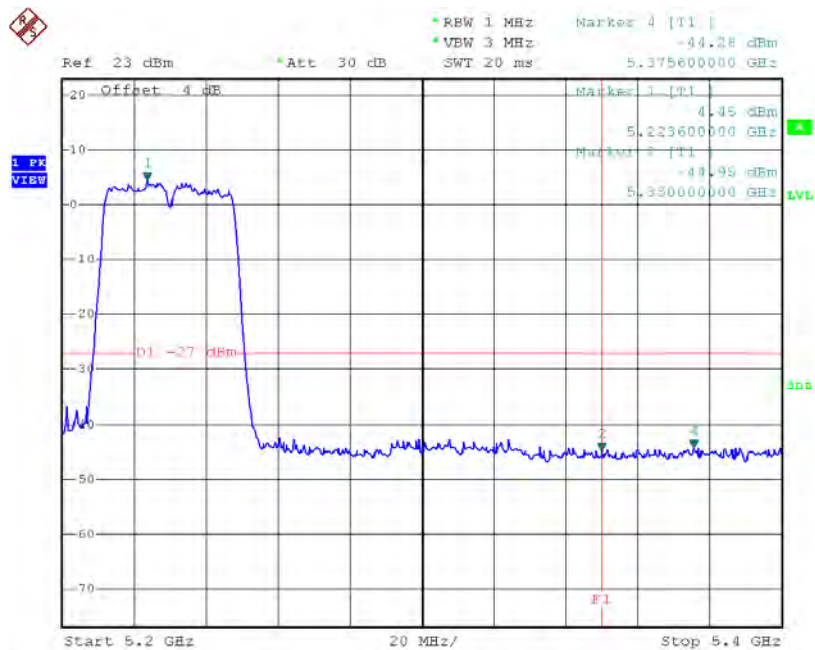
Test Mode: UNII-1/TX N40 Mode_ANT 2

TX mode CH38



Date: 19.JUL.2015 15:46:35

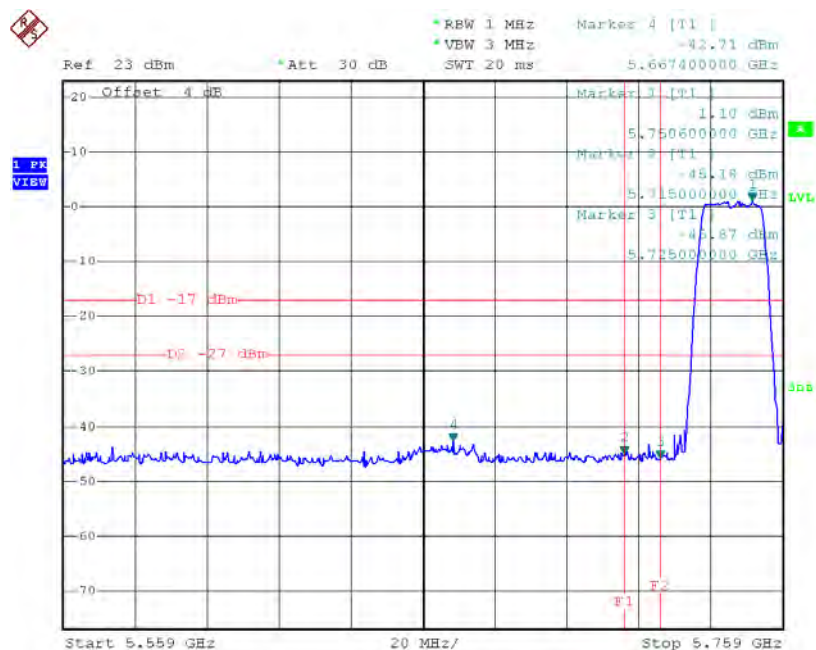
TX mode CH46



Date: 19.JUL.2015 15:47:54

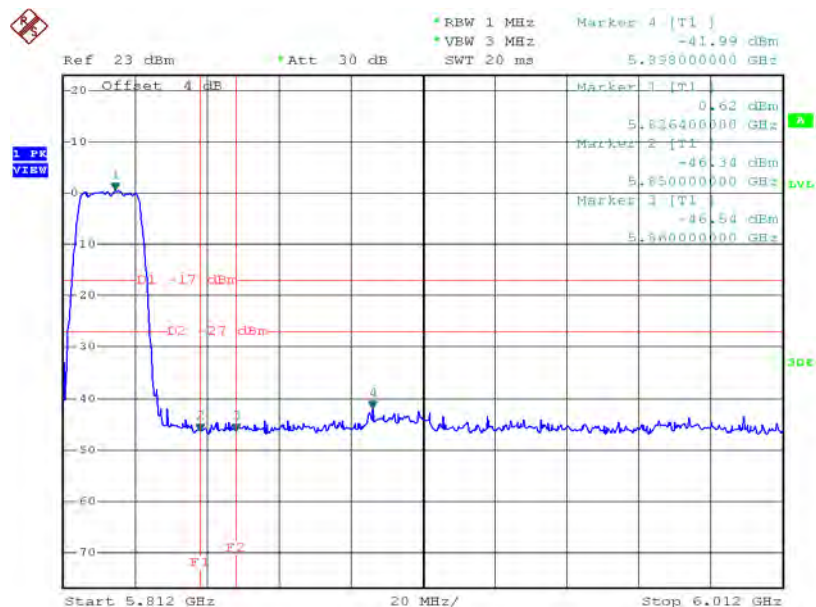
Test Mode:	UNII-3/TX N20 Mode_ANT 1
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TX HT20 mode CH149



Date: 19.JUL.2015 12:17:10

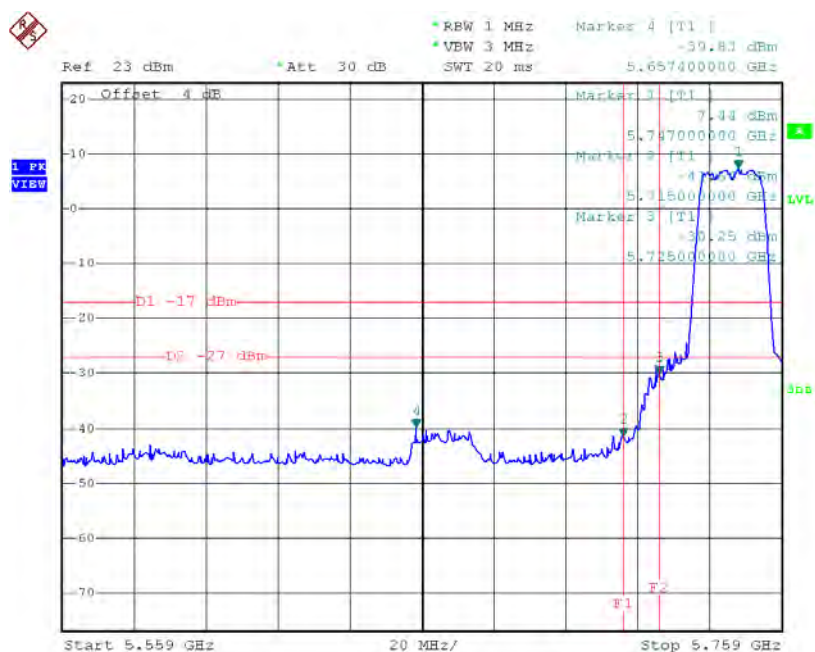
TX HT20 mode CH165



Date: 19.JUL.2015 12:19:25

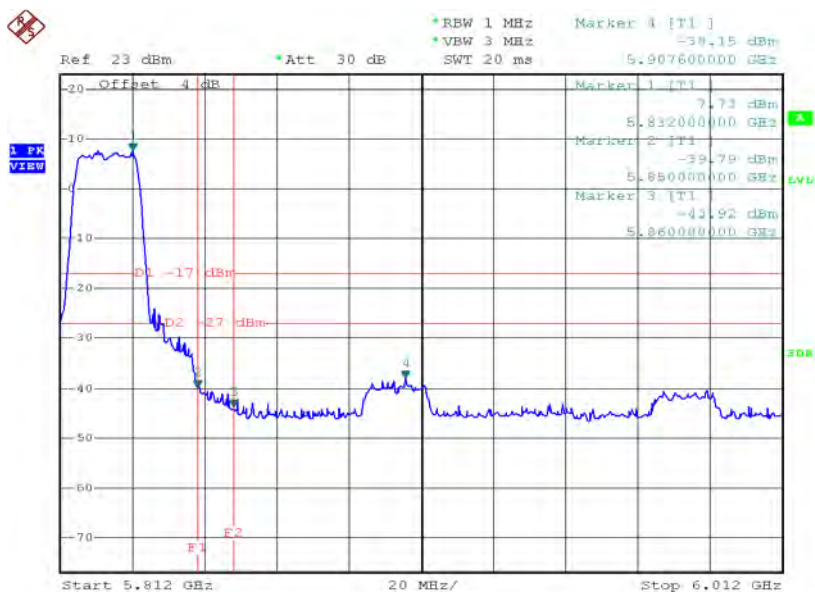
Test Mode:	UNII-3/TX N20 Mode_ANT 2
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TX HT20 mode CH149



Date: 19.JUL.2015 15:29:52

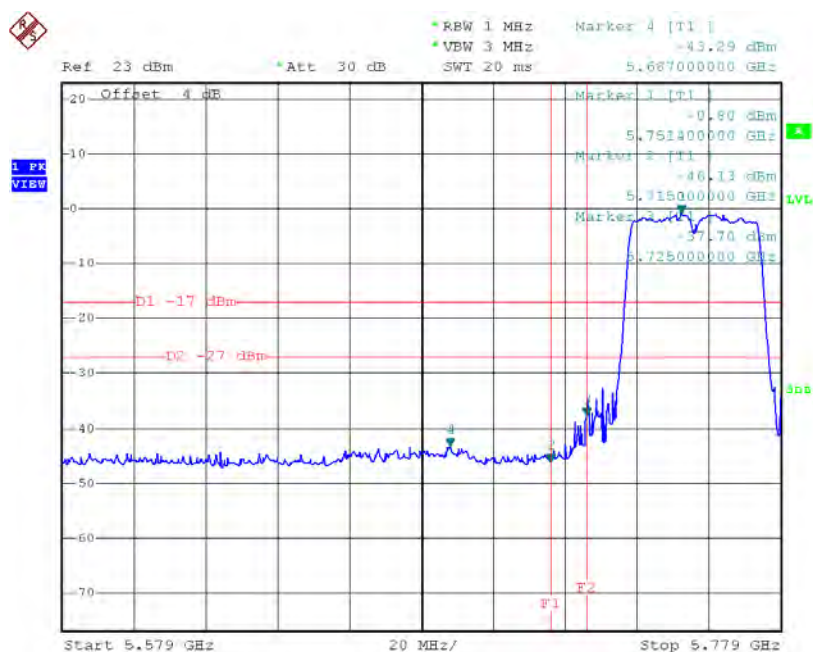
X HT20 mode CH165



Date: 19.JUL.2015 15:32:25

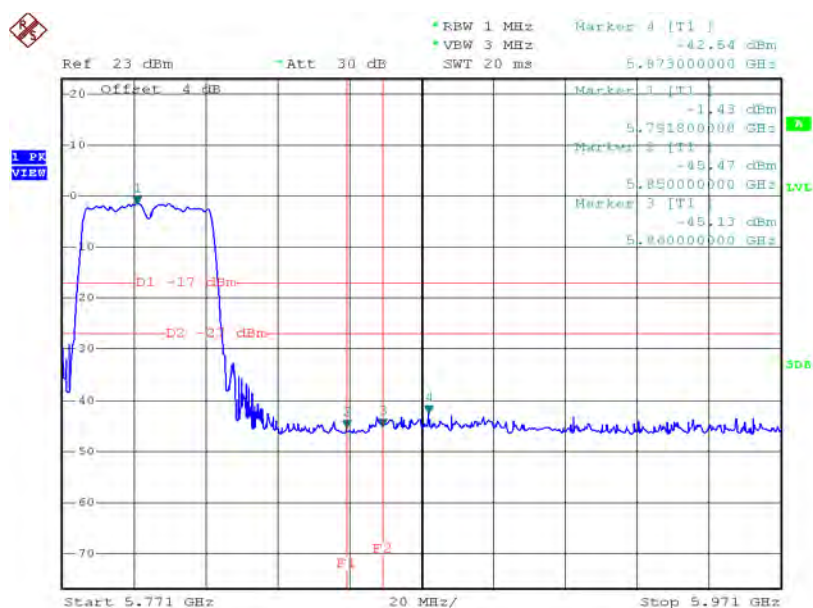
Test Mode:	UNII-3/TX N40 Mode_ANT 1
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UNII-3/TX HT40 mode CH151



Date: 19.JUL.2015 13:01:35

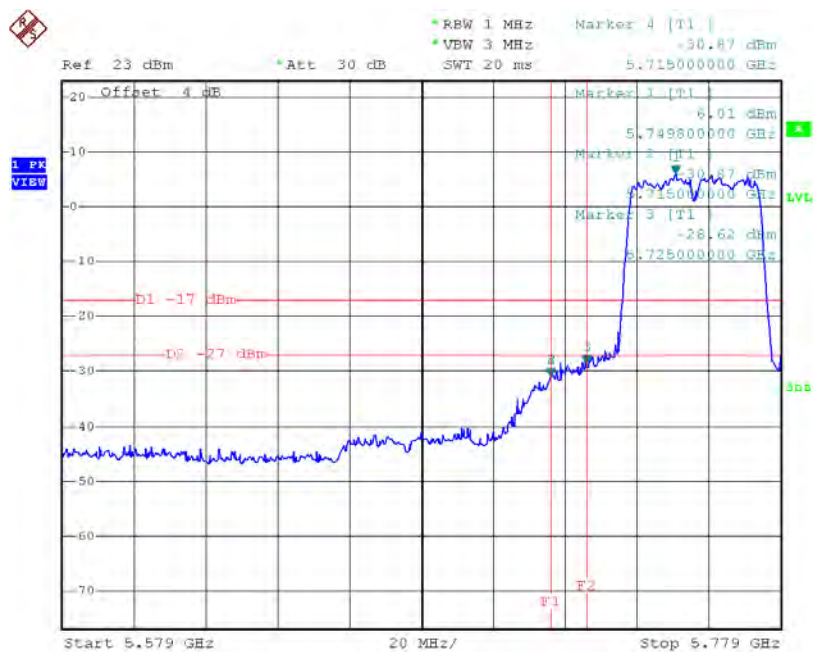
UNII-3/TX HT40 mode CH159



Date: 19.JUL.2015 13:02:57

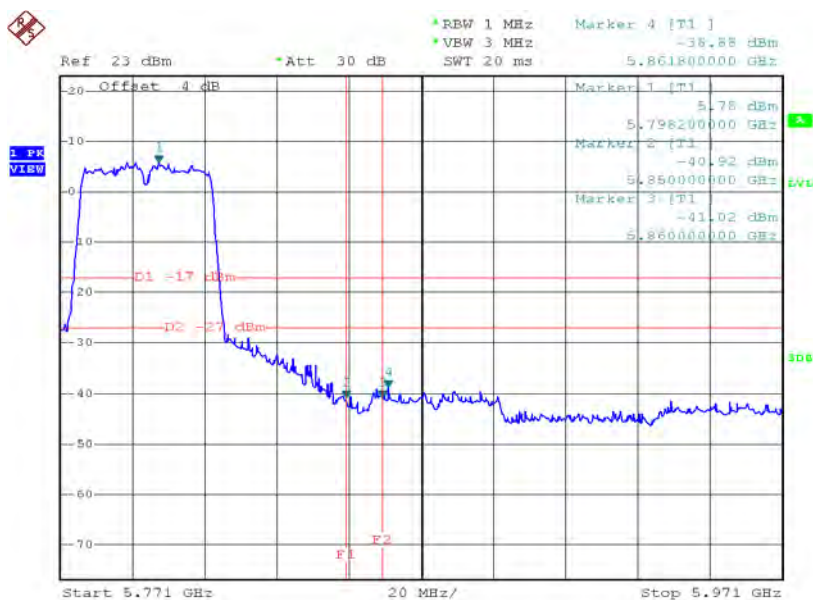
Test Mode: UNII-3/TX N40 Mode_ANT 2

TX HT40 mode CH151



Date: 19.JUL.2015 15:49:09

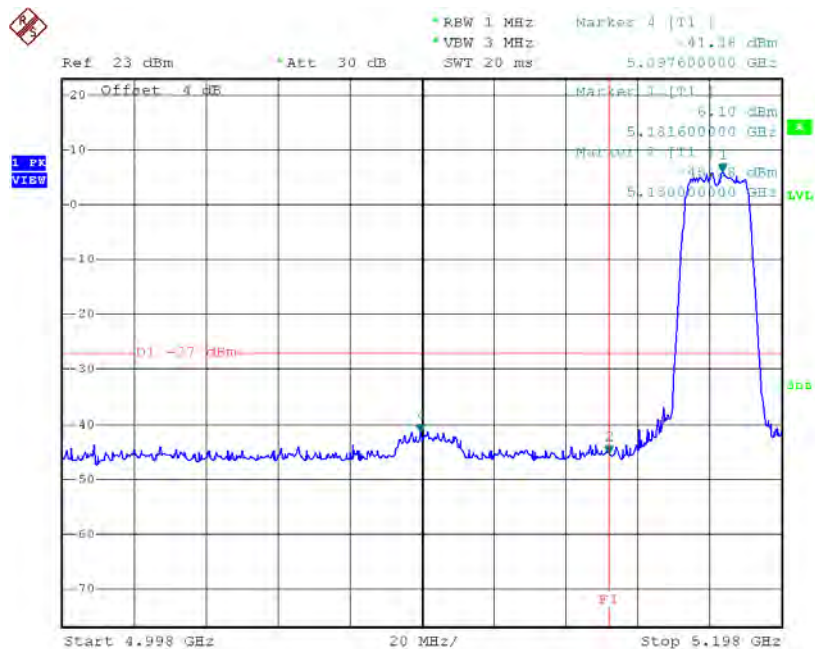
HT40 mode CH159



Date: 19.JUL.2015 15:53:39

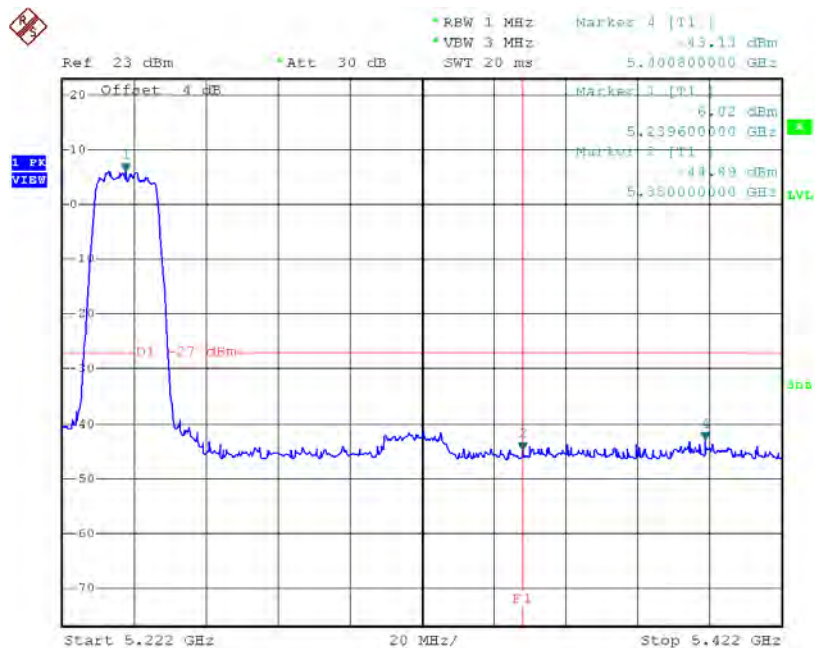
Test Mode: UNII-1/TX AC20 Mode_ANT 1

TX mode CH36



Date: 19.JUL.2015 12:22:00

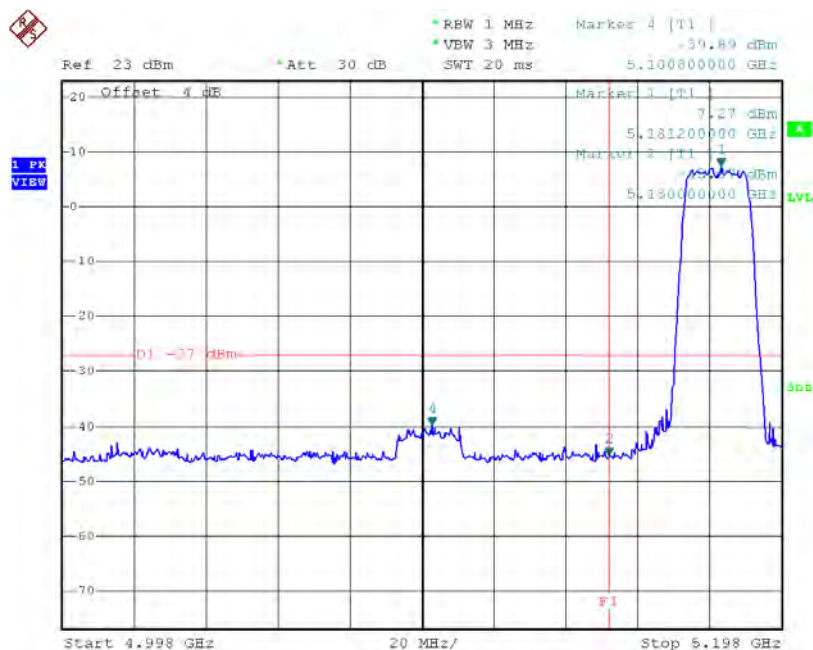
TX mode CH48



Date: 19.JUL.2015 12:51:51

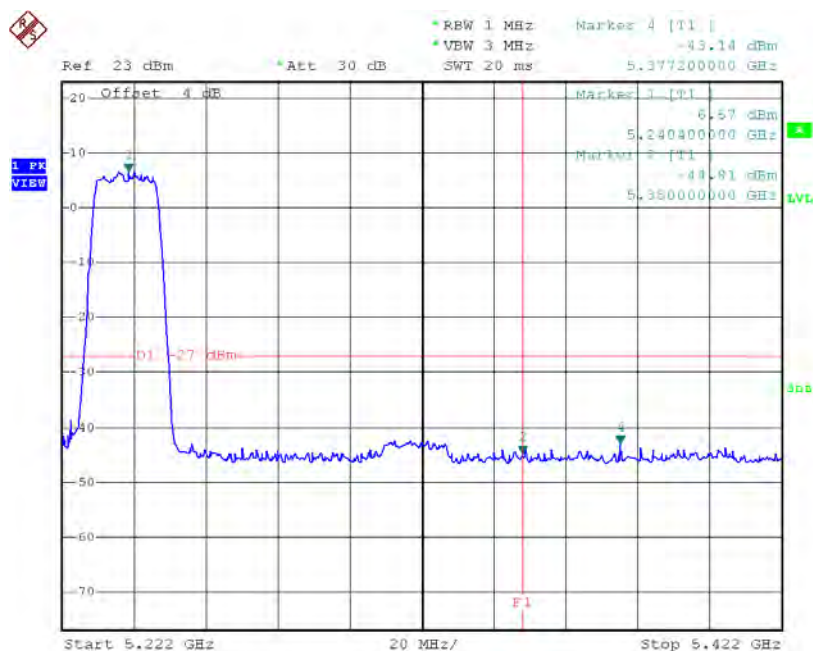
Test Mode:	UNII-1/TX AC20 Mode_ANT 2
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TX mode CH36



Date: 19.JUL.2015 15:34:55

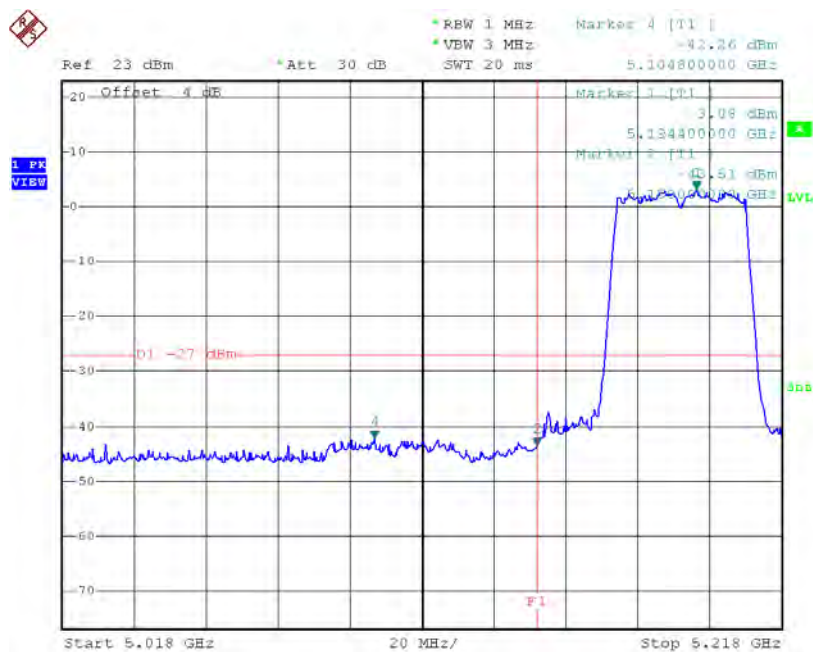
TX mode CH48



Date: 19.JUL.2015 15:37:57

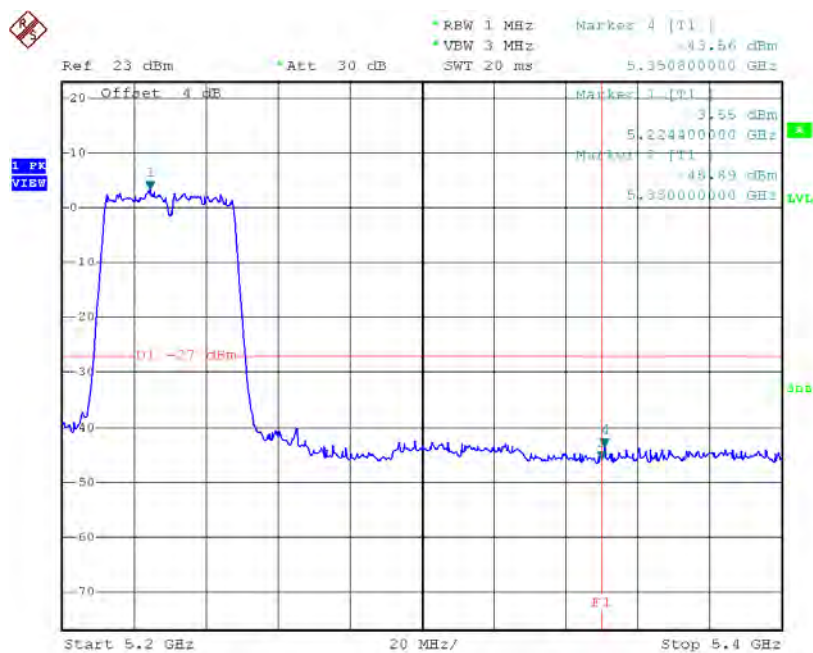
Test Mode:	UNII-1/TX AC40 Mode_ANT 1
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TX mode CH38



Date: 19.JUL.2015 13:06:15

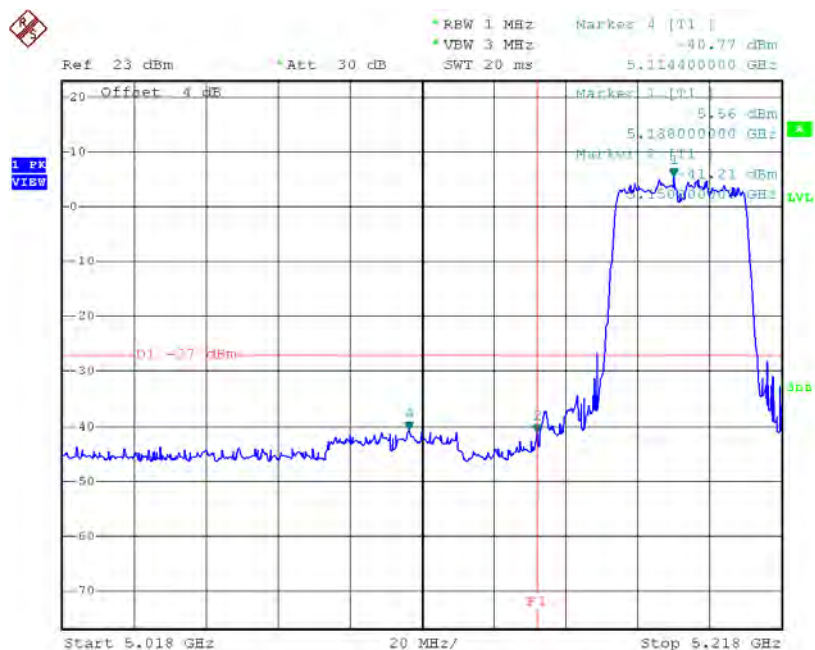
TX mode CH46



Date: 19.JUL.2015 13:08:07

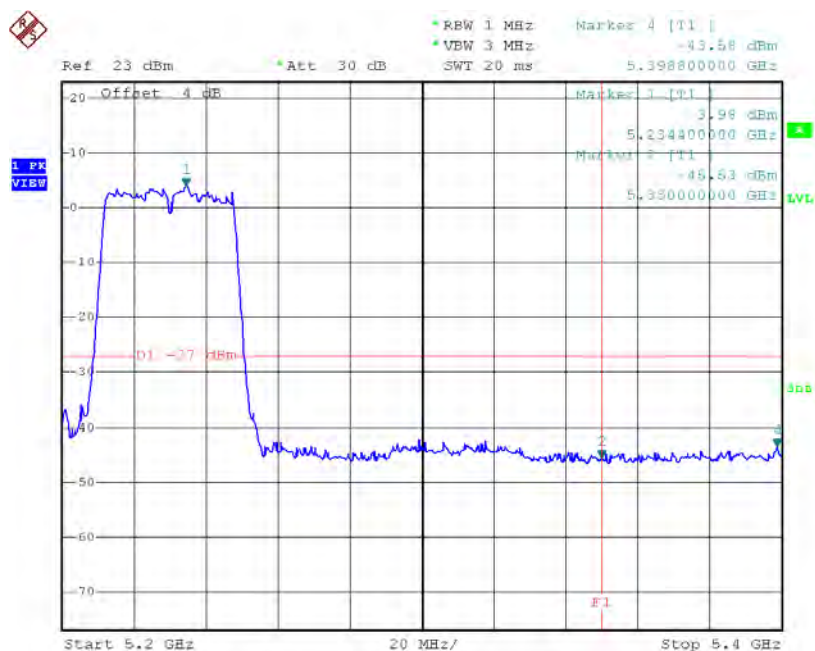
Test Mode:	UNII-1/TX AC40 Mode_ANT 2
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TX mode CH38



Date: 19.JUL.2015 15:58:37

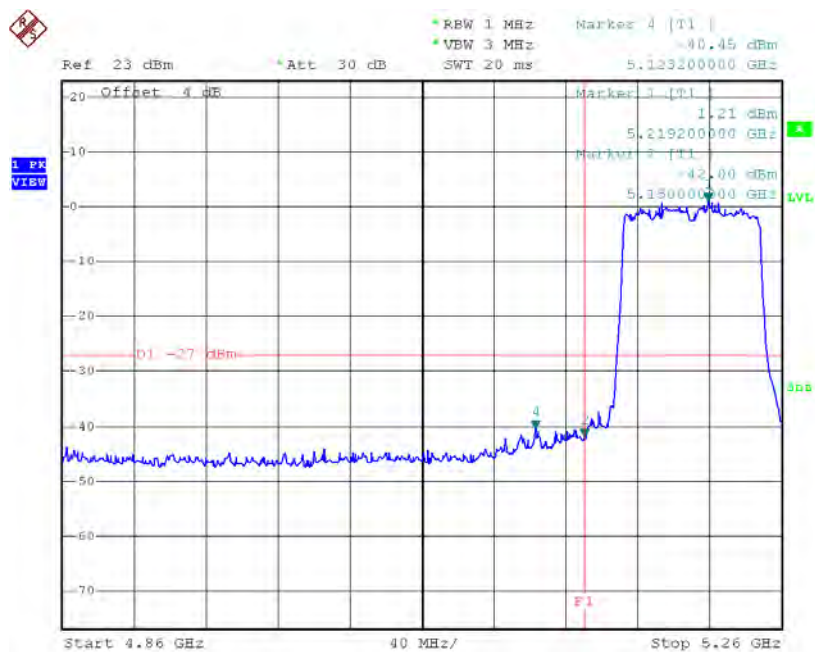
TX mode CH46



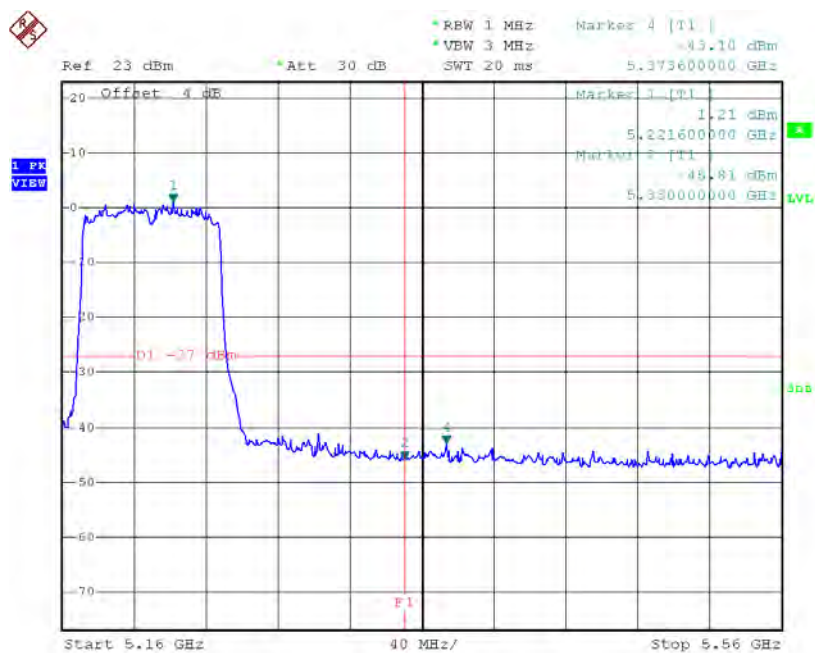
Date: 19.JUL.2015 15:59:52

Test Mode:	UNII-1/TX AC80 Mode_ANT 1
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TX mode CH42



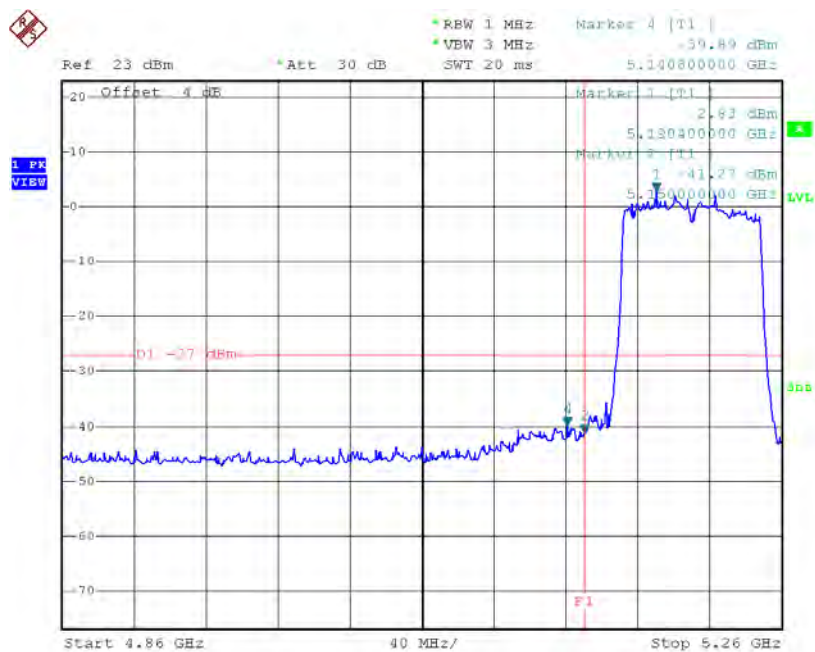
Date: 19.JUL.2015 13:17:16



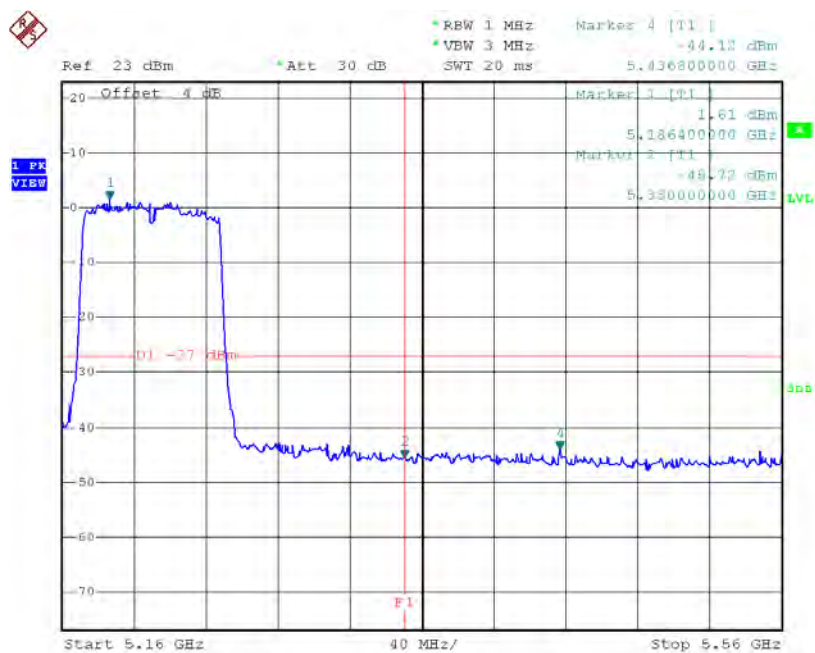
Date: 19.JUL.2015 13:17:24

Test Mode: UNII-1/TX AC80 Mode_ANT 2

TX mode CH42



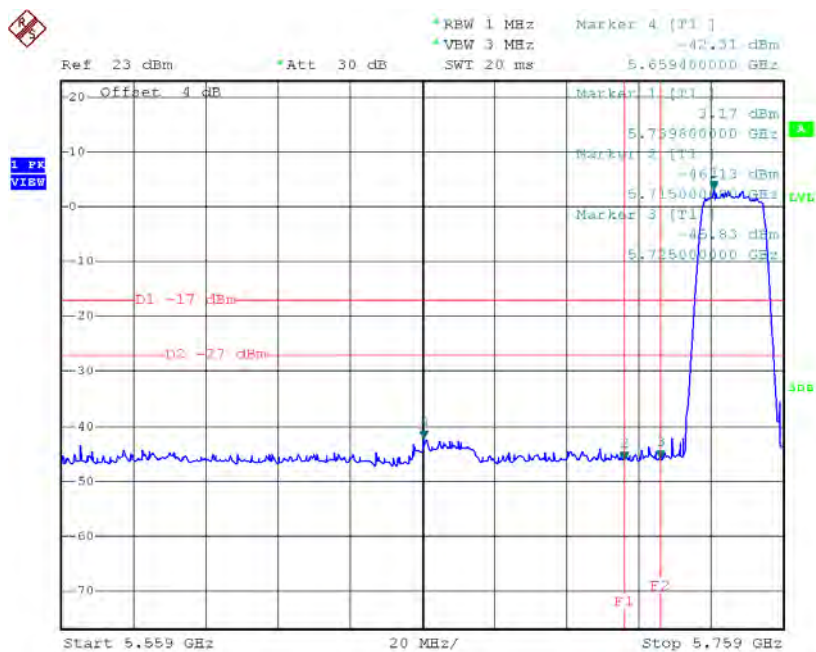
Date: 19.JUL.2015 16:11:32



Date: 19.JUL.2015 16:11:40

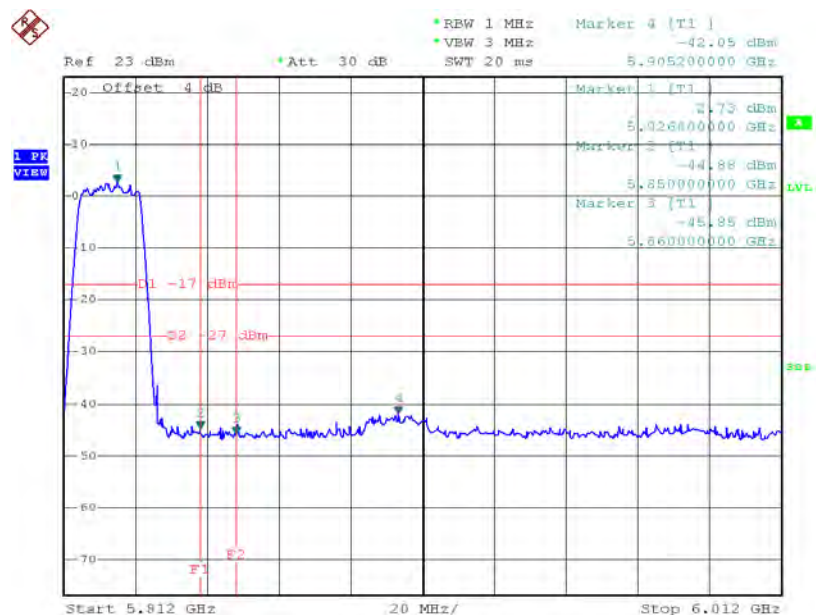
Test Mode: UNII-3/TX AC20 Mode_ANT 1

TX AC HT20 mode CH149



Date: 19.JUL.2015 12:53:13

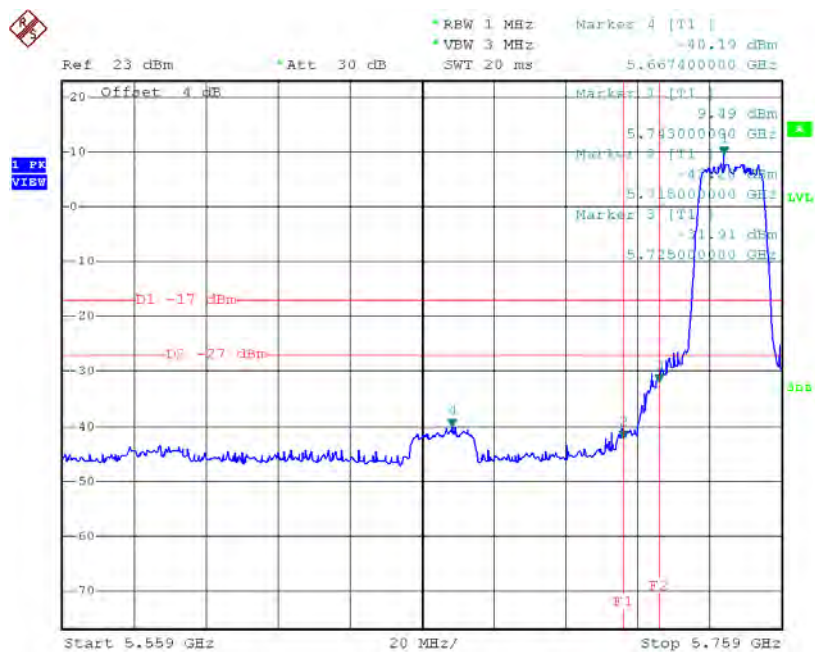
TX AC HT20 mode CH165



Date: 19.JUL.2015 12:55:37

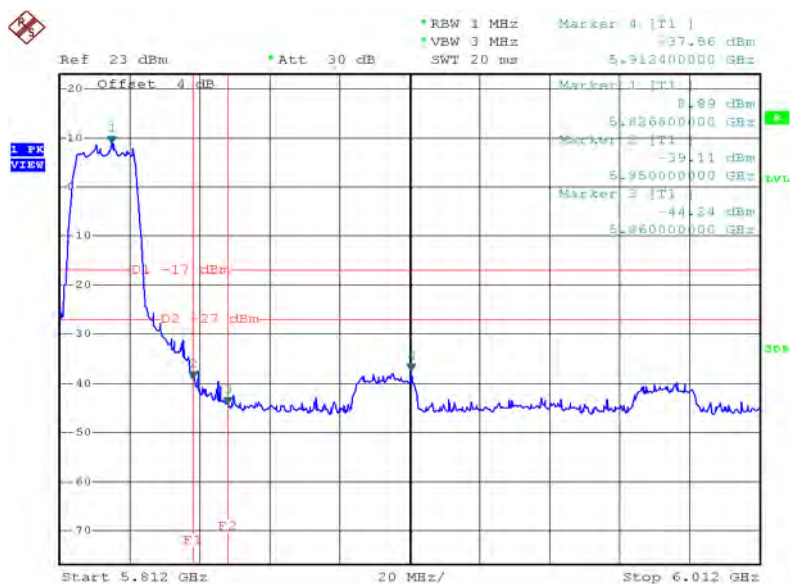
Test Mode: UNII-3/TX AC20 Mode_ANT 2

TX AC HT20 mode CH149



Date: 19.JUL.2015 15:39:56

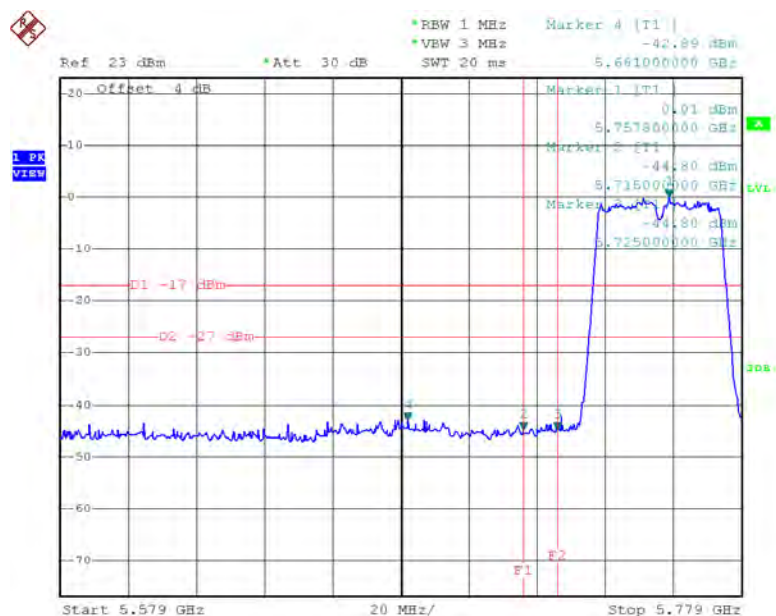
TX AC HT20 mode CH165



Date: 19.JUL.2015 15:42:39

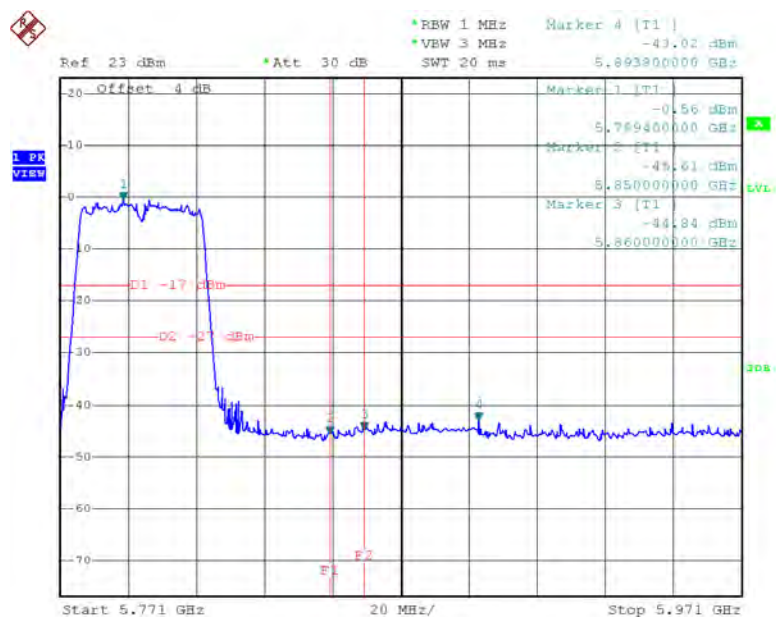
Test Mode:	UNII-3/TX AC40 Mode_ANT 1
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TX AC HT40 mode CH151



Date: 19.JUL.2015 13:09:45

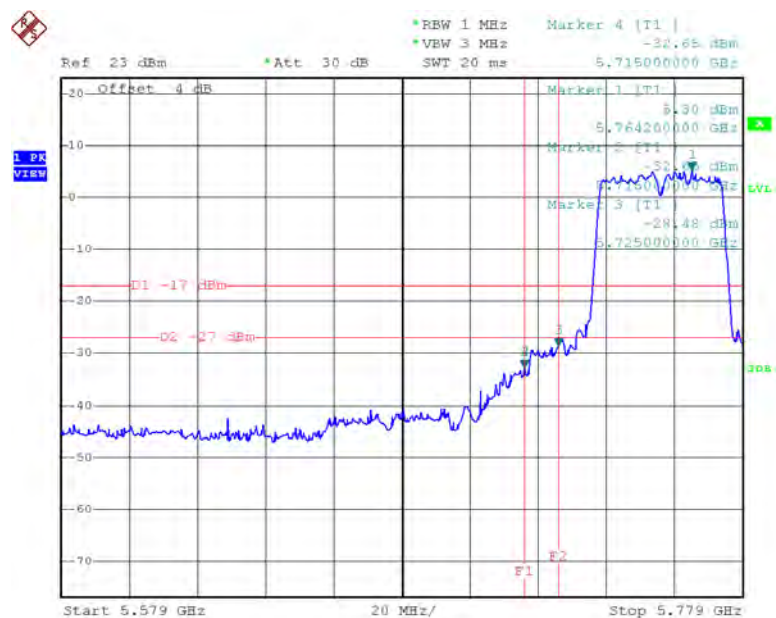
TX AC HT40 mode CH159



Date: 19.JUL.2015 13:10:55

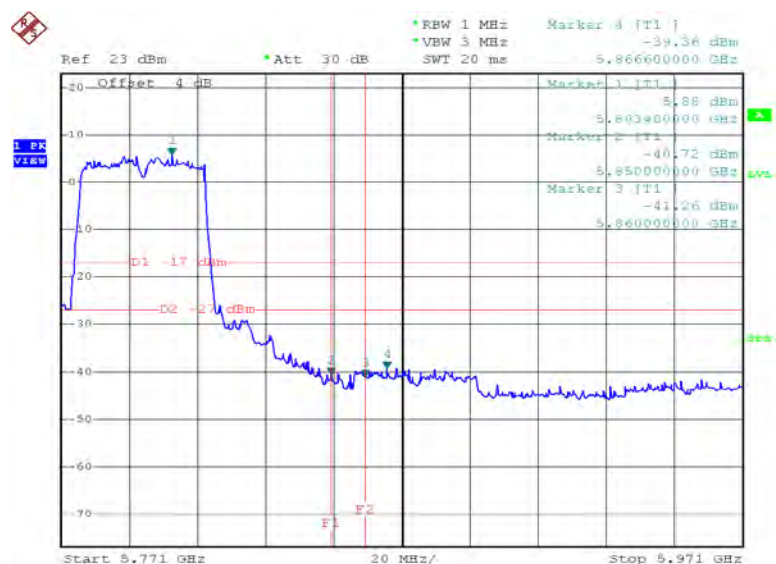
Test Mode: UNII-3/TX AC40 Mode_ANT 2

TX AC HT40 mode CH151



Date: 19.JUL.2015 16:01:09

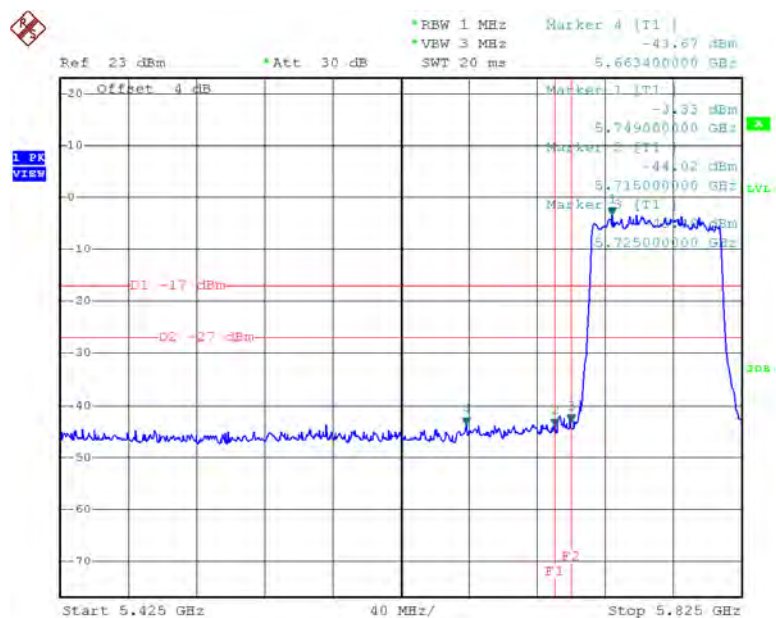
TX AC HT40 mode CH159



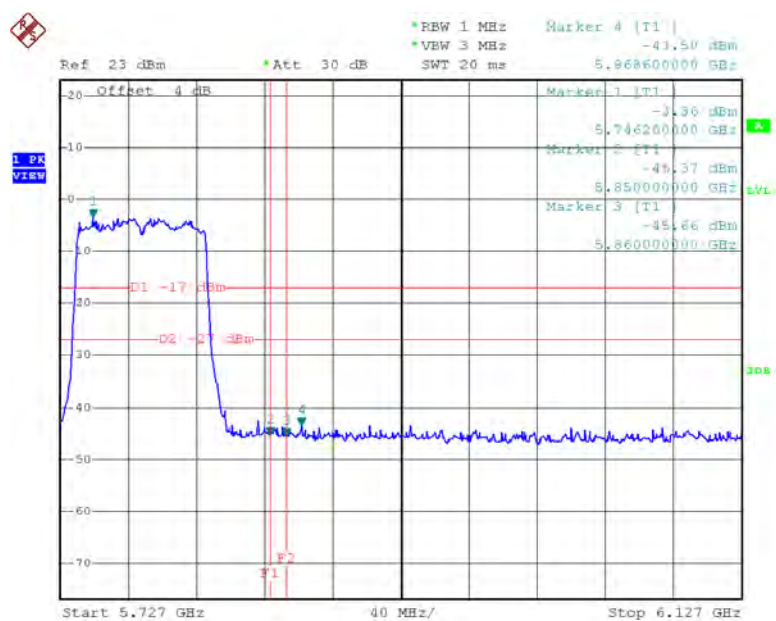
Date: 19.JUL.2015 16:04:59

Test Mode: UNII-3/TX AC80 Mode_ANT 1

TX AC HT80 mode CH155



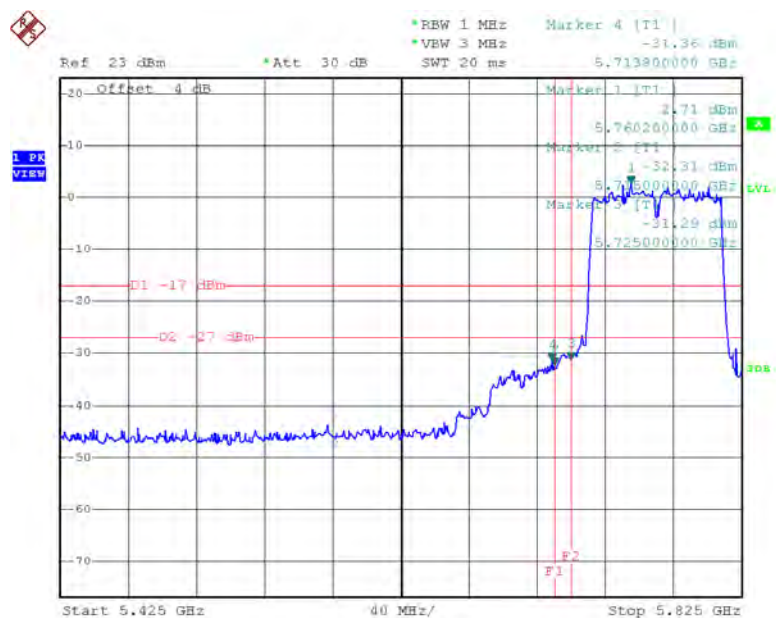
Date: 19.JUL.2015 13:19:00



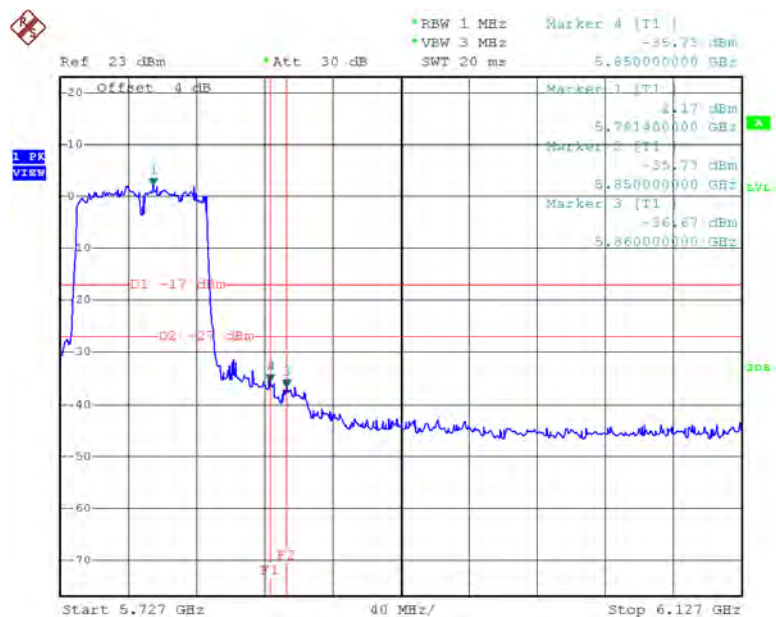
Date: 19.JUL.2015 13:19:07

Test Mode: UNII-3/TX AC80 Mode_ANT 2

TX AC HT80 mode CH155



Date: 19.JUL.2015 16:13:11

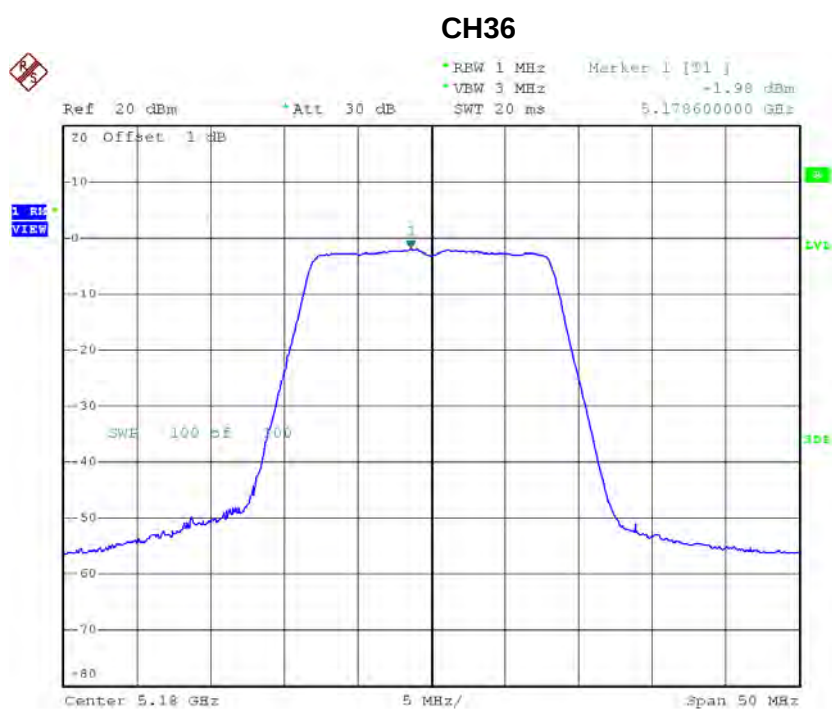


Date: 19.JUL.2015 16:13:18

ATTACHMENT H - POWER SPECTRAL DENSITY

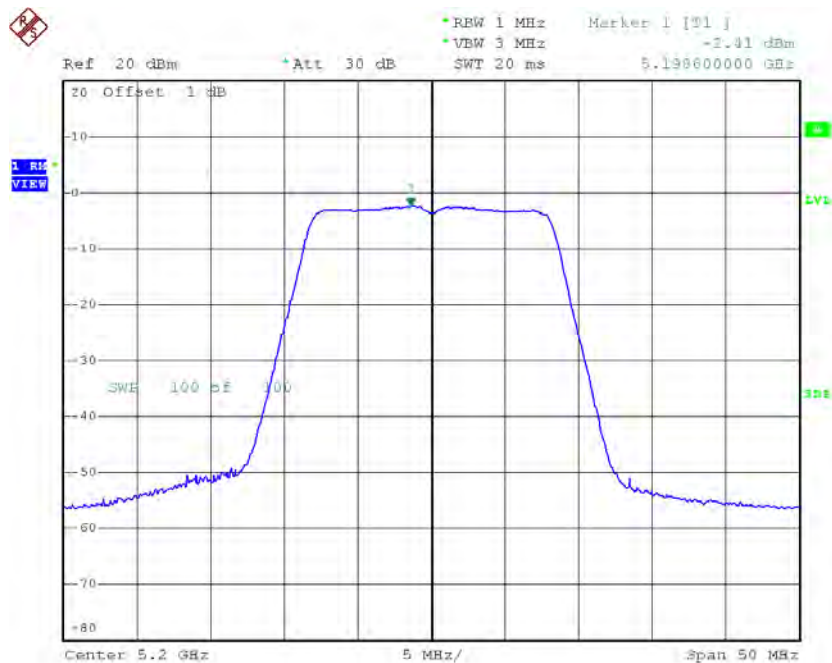
Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-1.98	0.10	-1.88	11.00
CH40	5200	-2.41	0.10	-2.31	11.00
CH48	5240	-3.26	0.10	-3.16	11.00



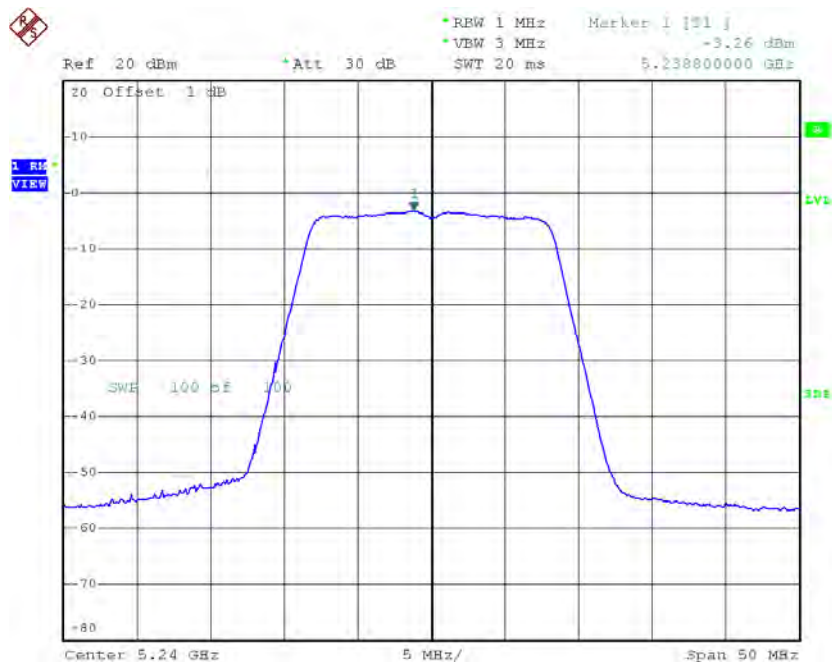
Date: 19.JUL.2015 15:11:46

CH40



Date: 19.JUL.2015 15:14:02

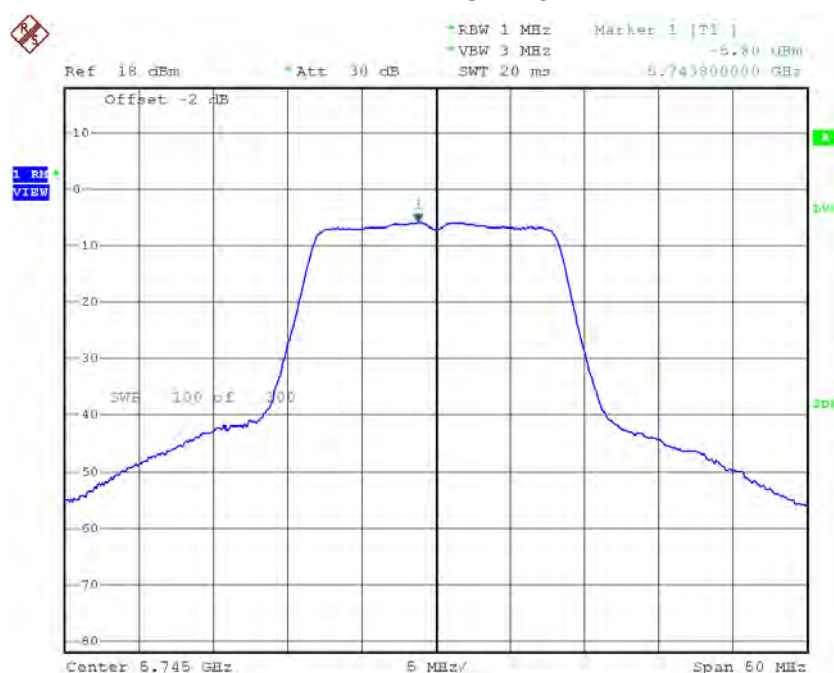
CH48



Date: 19.JUL.2015 15:15:44

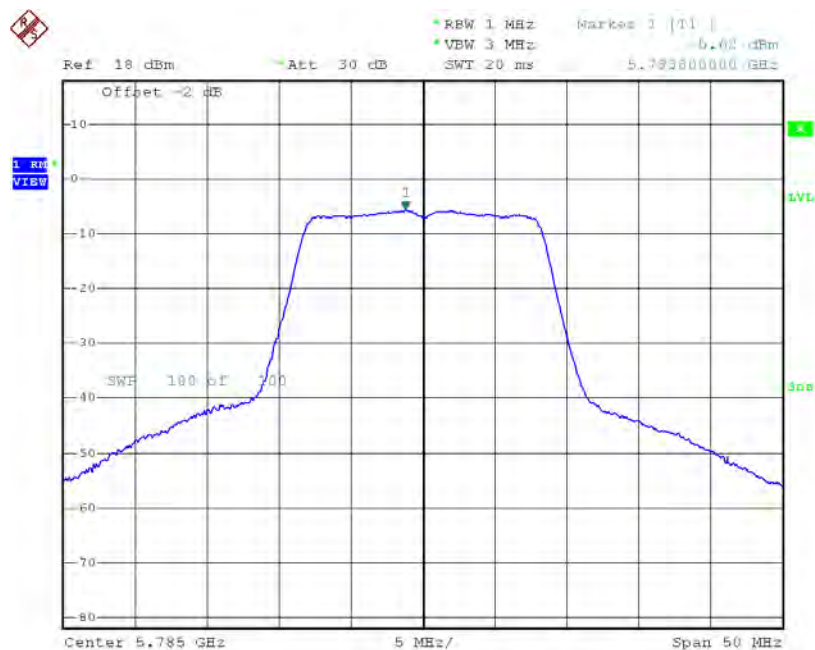
Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-5.80	0.10	-5.70	30.00
CH157	5785	-5.62	0.10	-5.52	30.00
CH165	5825	-5.83	0.10	-5.73	30.00

TX CH149


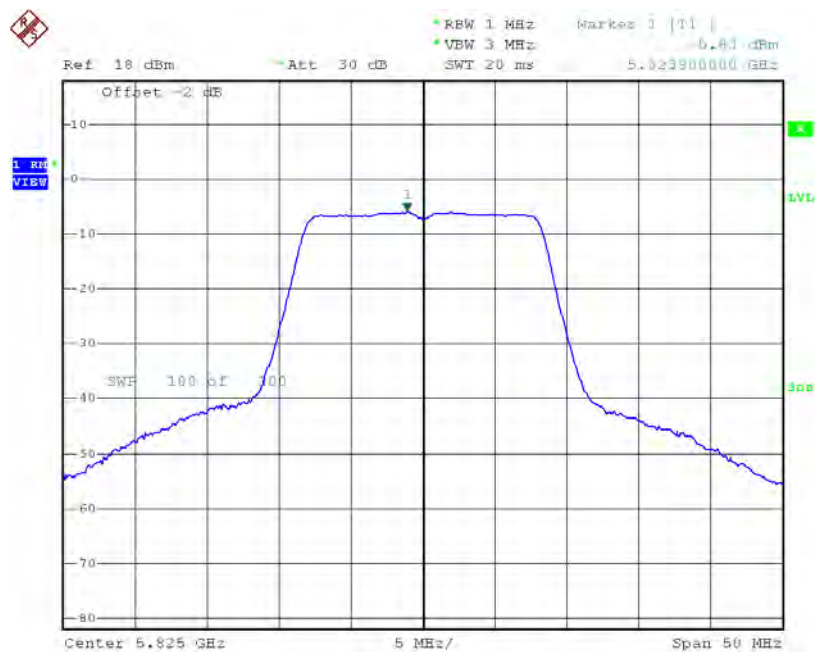
Date: 19.JUL.2015 15:17:24

TX CH157



Date: 19.JUL.2015 15:19:18

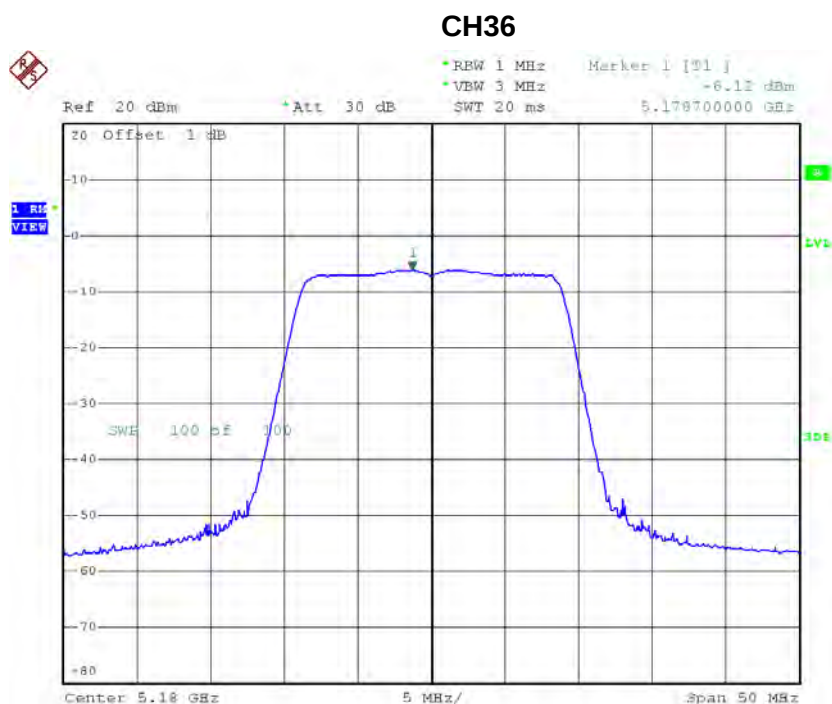
TX CH165



Date: 19.JUL.2015 15:21:23

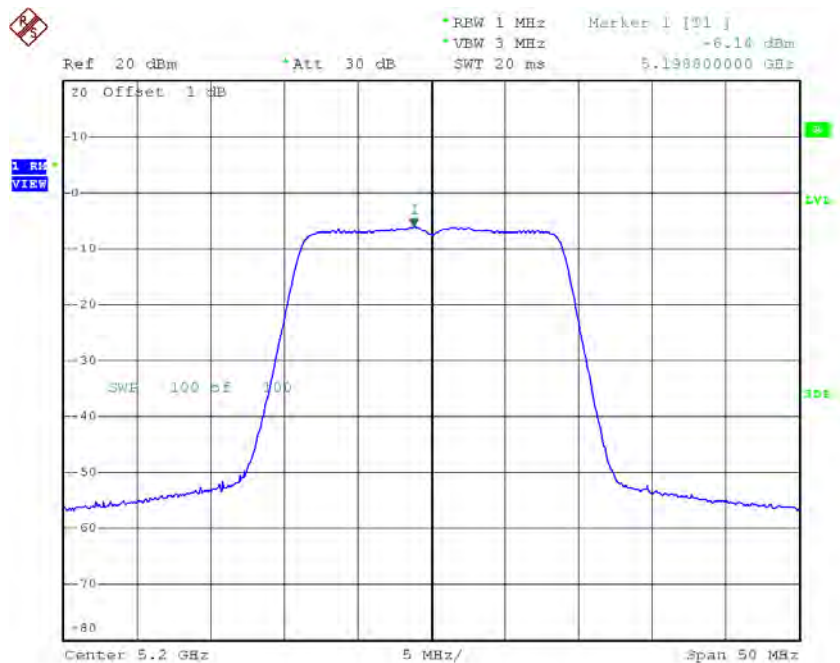
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-6.12	0.12	-6.00	11.00
CH40	5200	-6.14	0.12	-6.02	11.00
CH48	5240	-5.88	0.12	-5.76	11.00



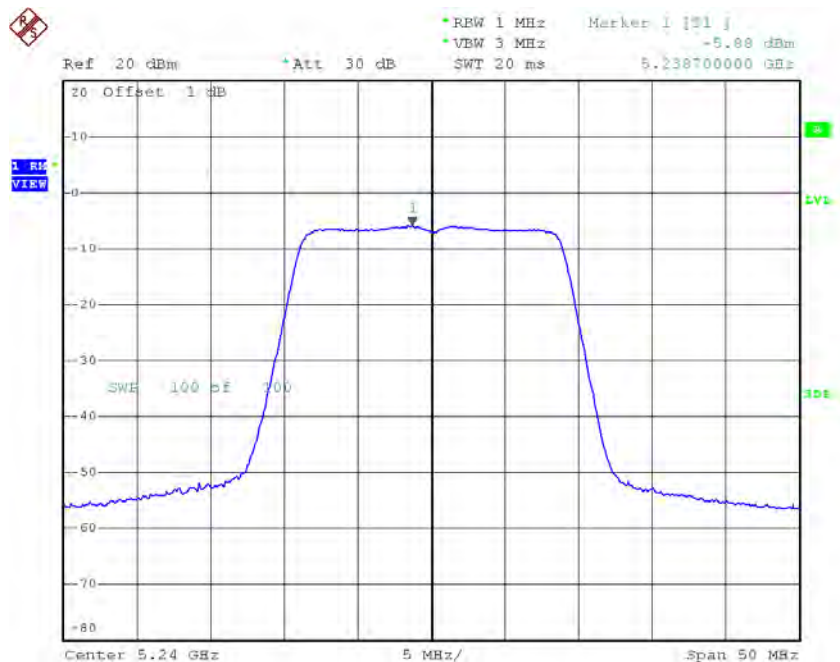
Date: 19.JUL.2015 12:12:55

CH40



Date: 19.JUL.2015 12:14:45

CH48

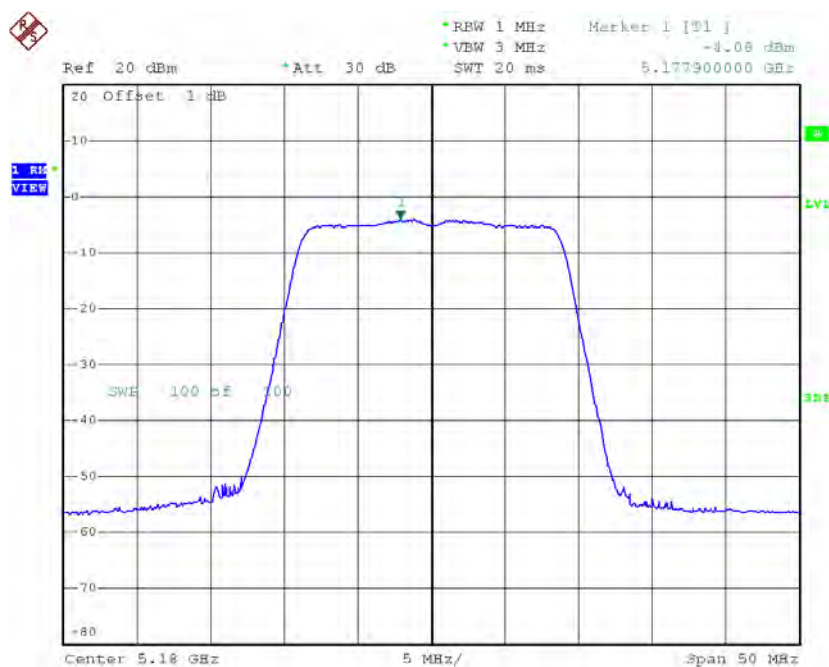


Date: 19.JUL.2015 12:15:44

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

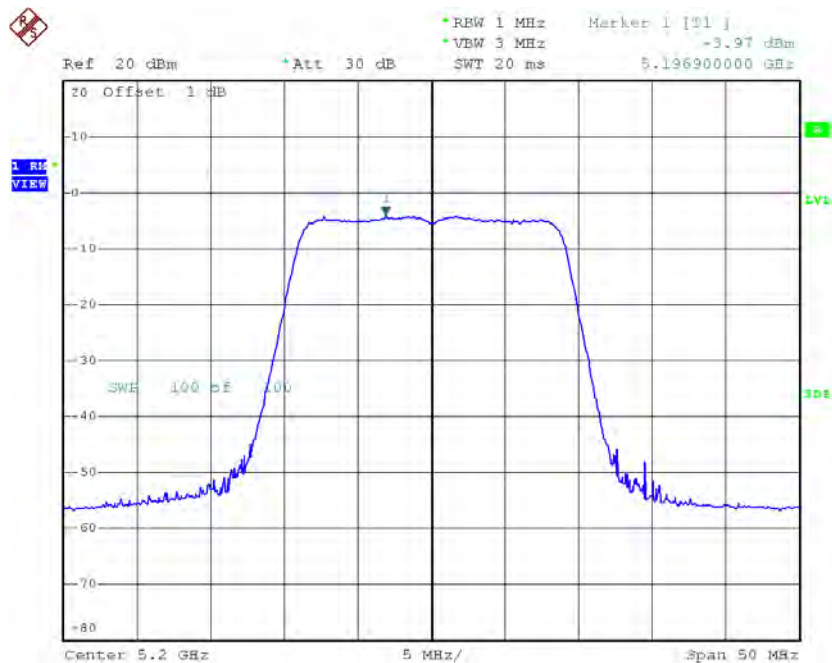
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-4.08	0.12	-3.96	11.00
CH40	5200	-3.97	0.12	-3.85	11.00
CH48	5240	-4.84	0.12	-4.72	11.00

CH36



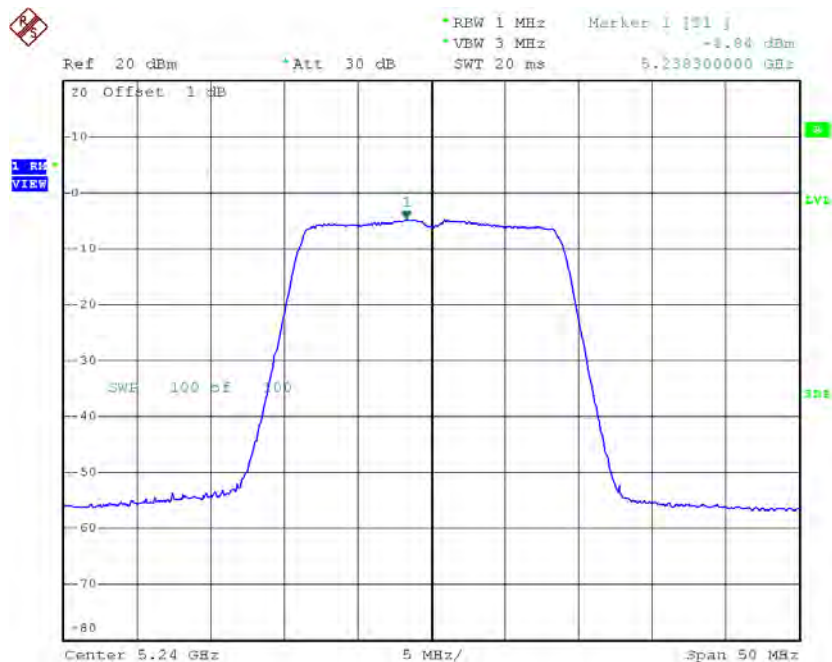
Date: 19.JUL.2015 15:25:53

CH40



Date: 19.JUL.2015 15:27:09

CH48



Date: 19.JUL.2015 15:28:20

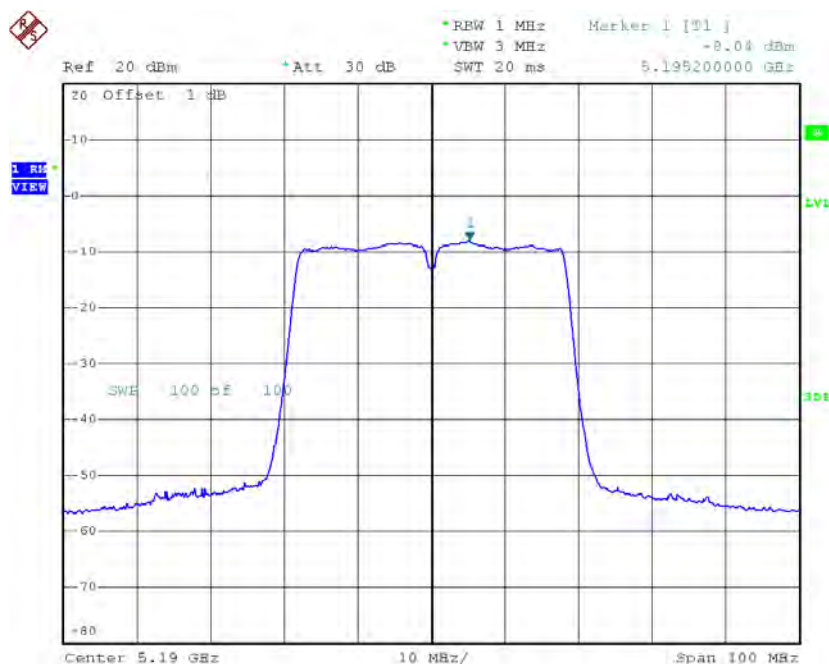
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-1.85	0.12	-1.85	11.00
CH40	5200	-1.79	0.12	-1.79	11.00
CH48	5240	-2.20	0.12	-2.20	11.00

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 1

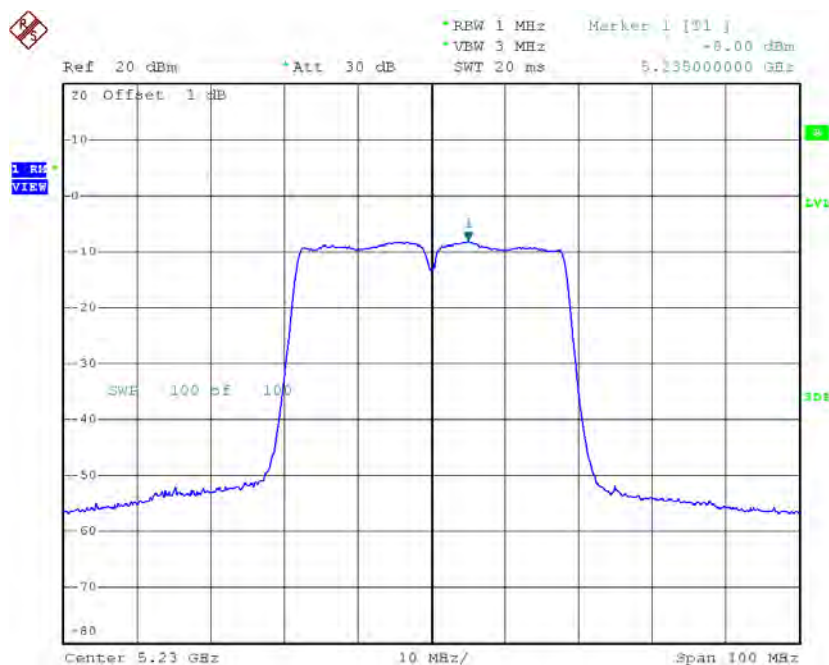
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-8.04	0.63	-7.41	11.00
CH46	5230	-8.00	0.63	-7.37	11.00

CH38



Date: 19.JUL.2015 12:58:44

CH46

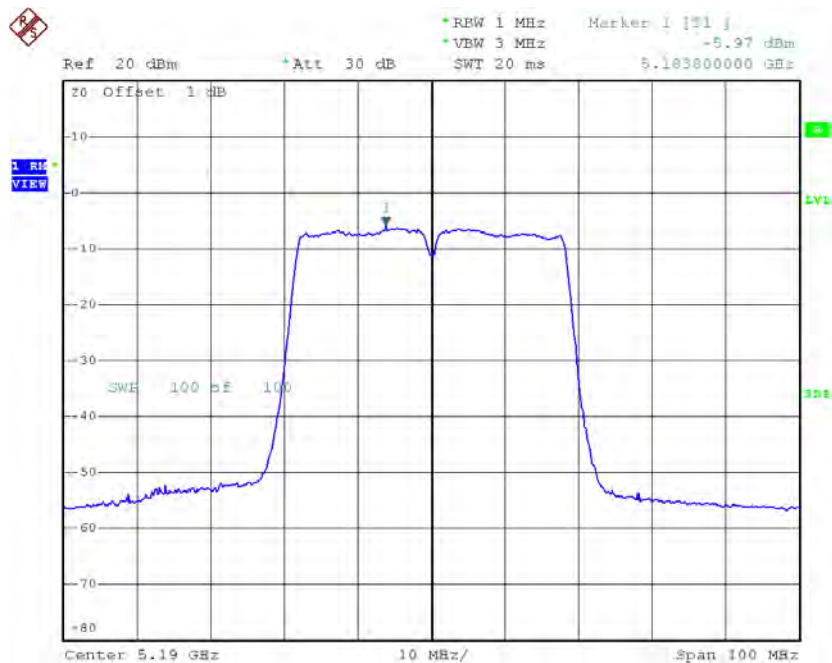


Date: 19.JUL.2015 13:00:09

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2

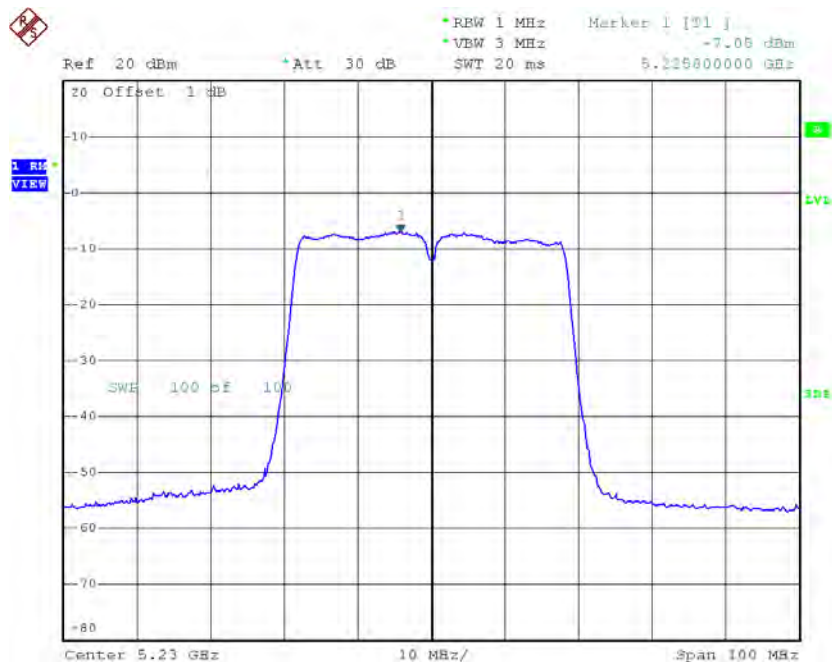
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-5.97	0.63	-5.34	11.00
CH46	5230	-7.05	0.63	-6.42	11.00

CH38



Date: 19.JUL.2015 15:46:27

CH46



Date: 19.JUL.2015 15:47:46

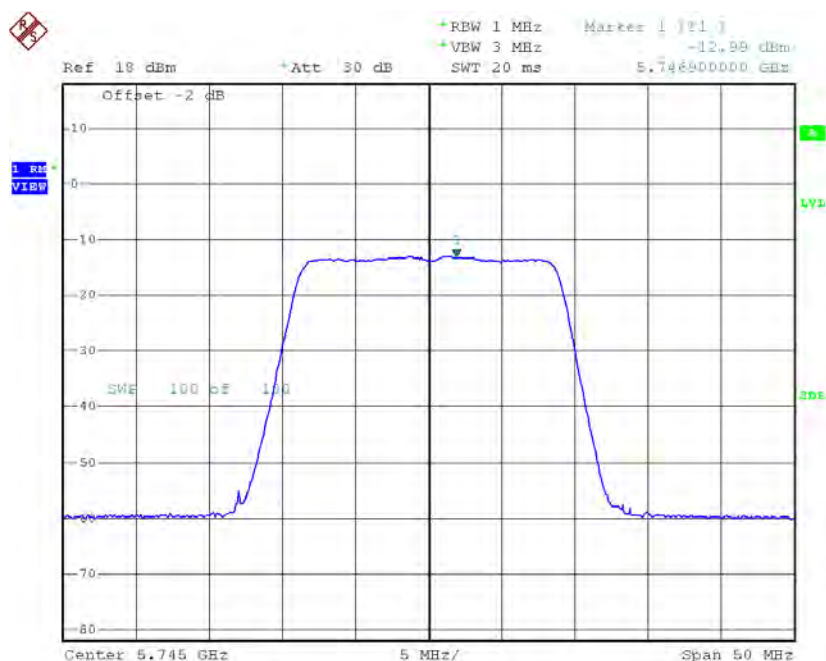
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-3.24	0.63	-3.24	11.00
CH46	5230	-3.86	0.63	-3.86	11.00

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 1

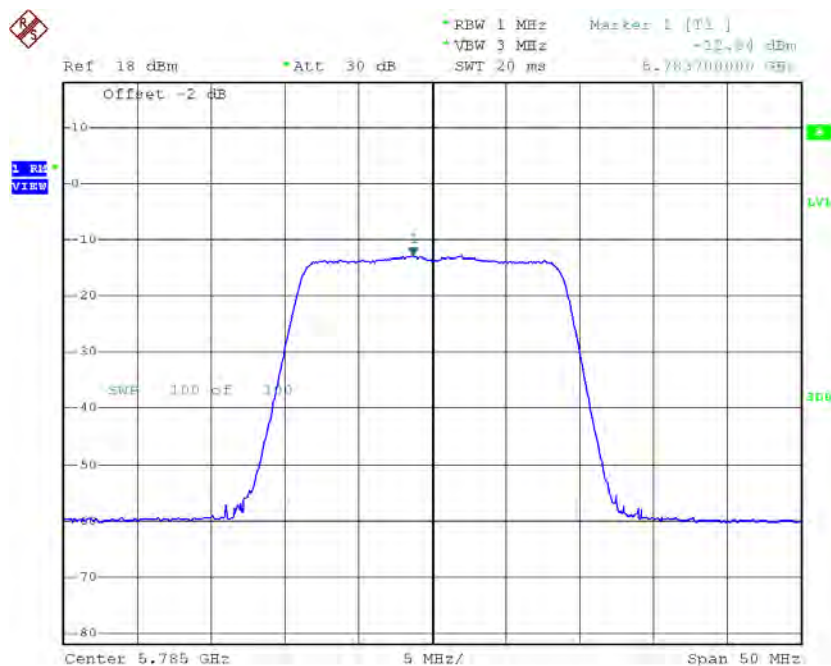
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-12.99	0.12	-12.87	30.00
CH157	5785	-12.84	0.12	-12.72	30.00
CH165	5825	-13.42	0.12	-13.30	30.00

TX CH149



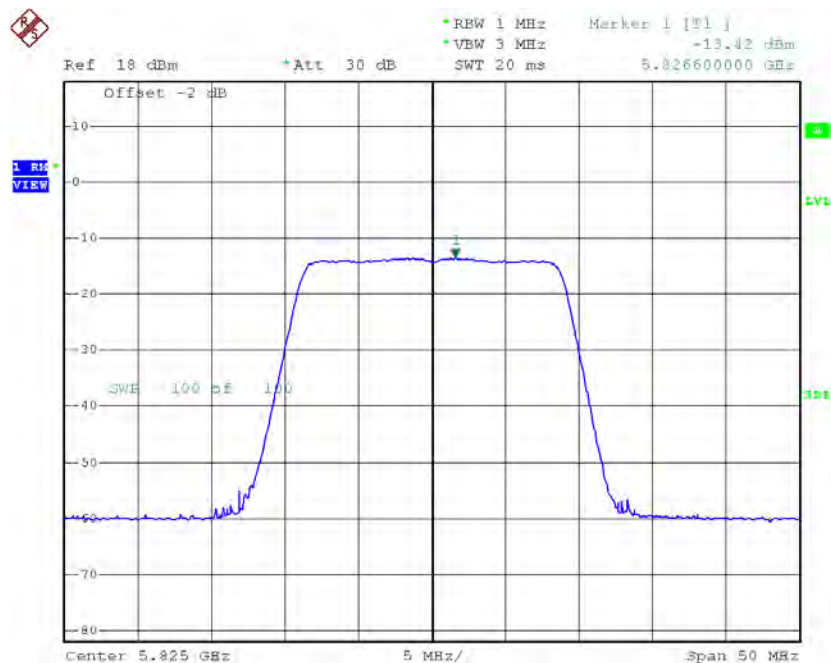
Date: 19.JUL.2015 12:17:02

TX CH157



Date: 19.JUL.2015 12:18:11

TX CH165

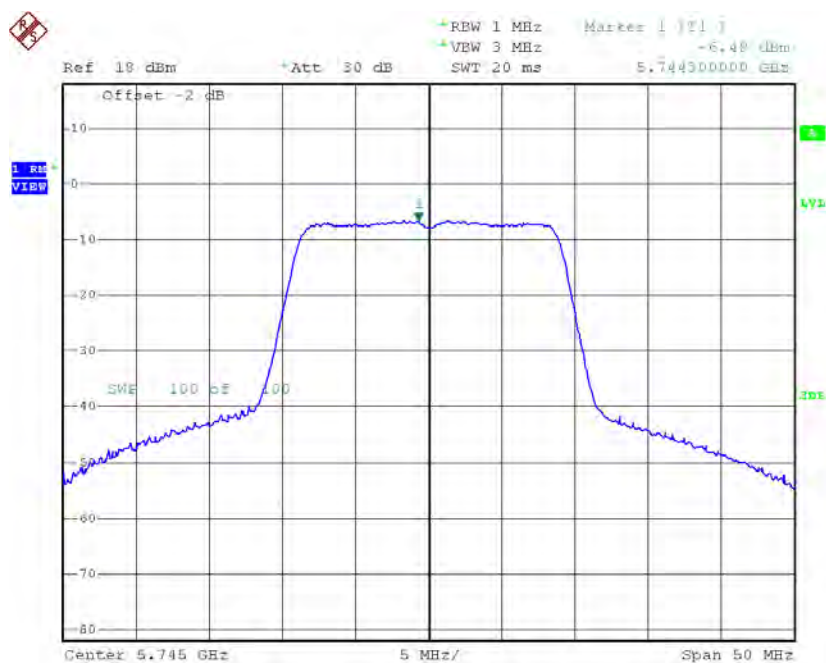


Date: 19.JUL.2015 12:19:18

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 2

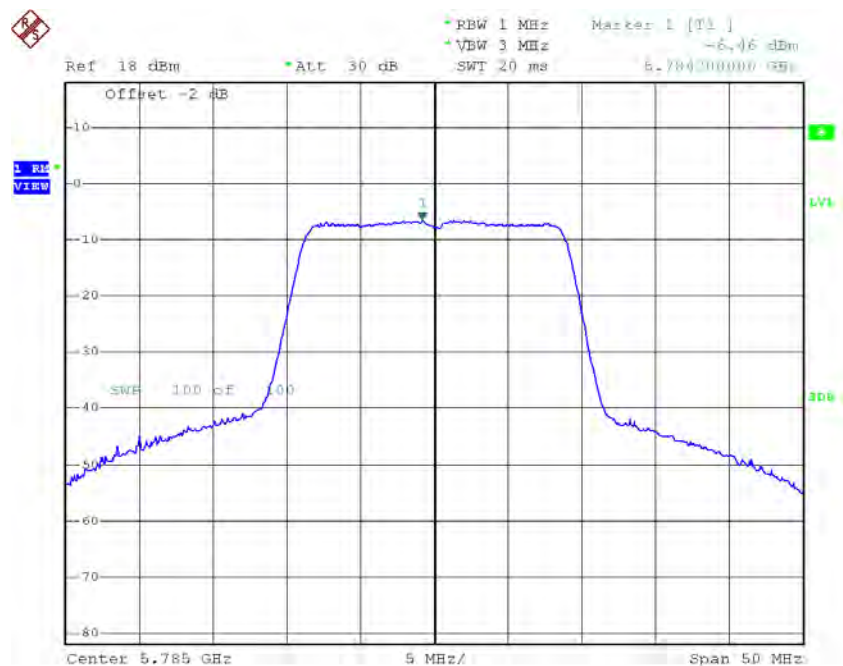
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-6.48	0.12	-6.36	30.00
CH157	5785	-6.46	0.12	-6.34	30.00
CH165	5825	-6.63	0.12	-6.51	30.00

TX CH149



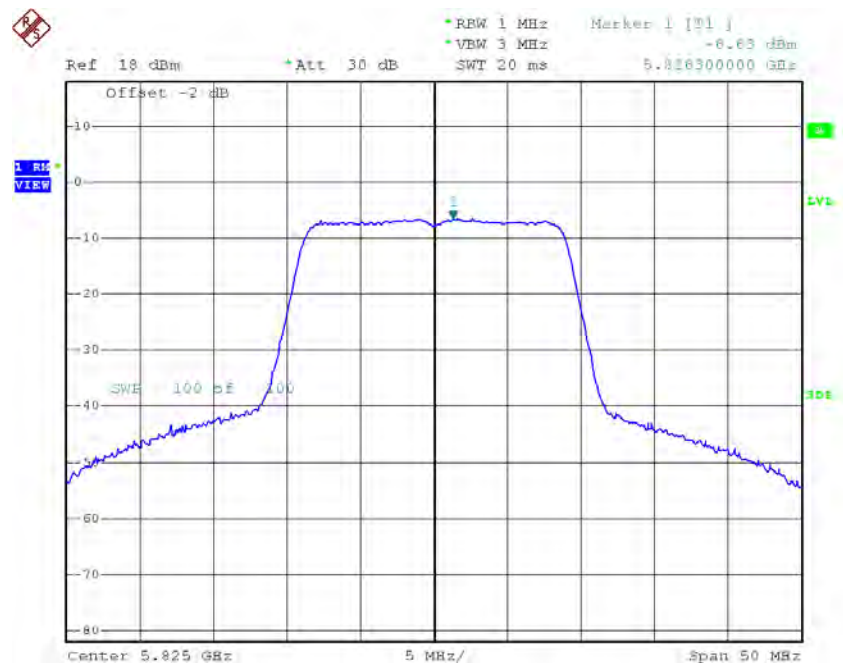
Date: 19.JUL.2015 15:29:44

TX CH157



Date: 19.JUL.2015 15:31:09

TX CH165



Date: 19.JUL.2015 15:32:17

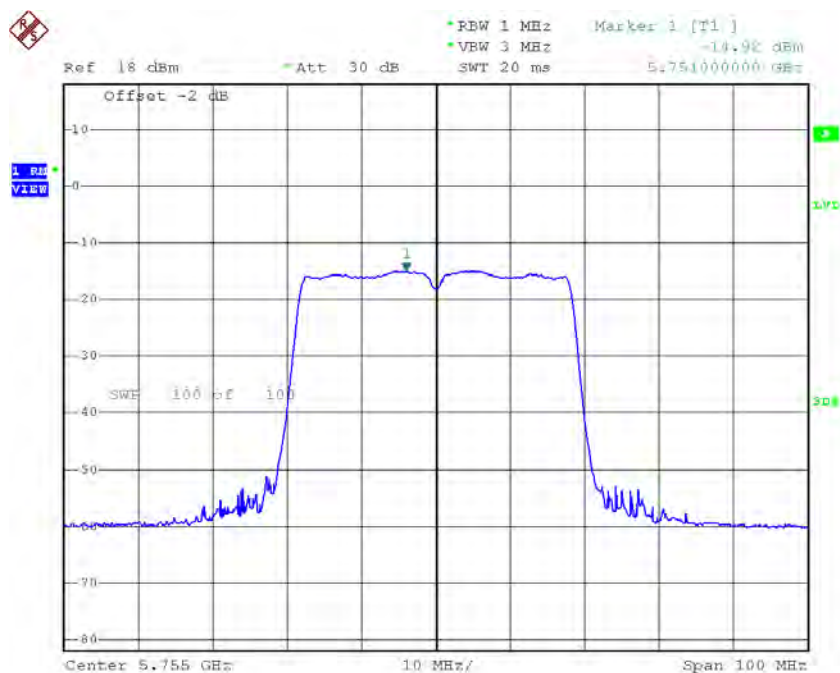
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-5.48	0.12	-5.48	30.00
CH157	5785	-5.44	0.12	-5.44	30.00
CH165	5825	-5.68	0.12	-5.68	30.00

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 1

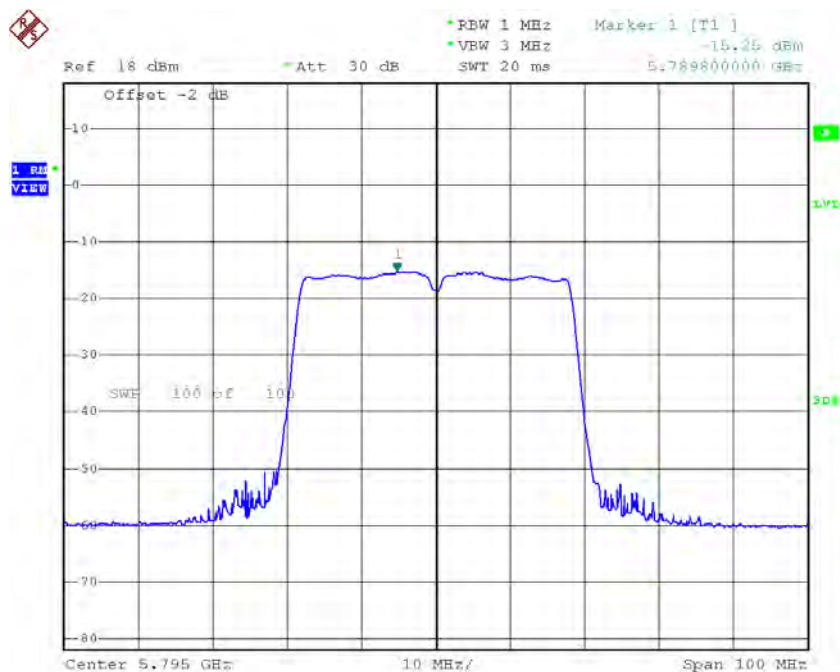
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-14.92	0.63	-14.29	30.00
CH159	5795	-15.25	0.63	-14.62	30.00

TX CH151



Date: 19.JUL.2015 13:01:27

TX CH159

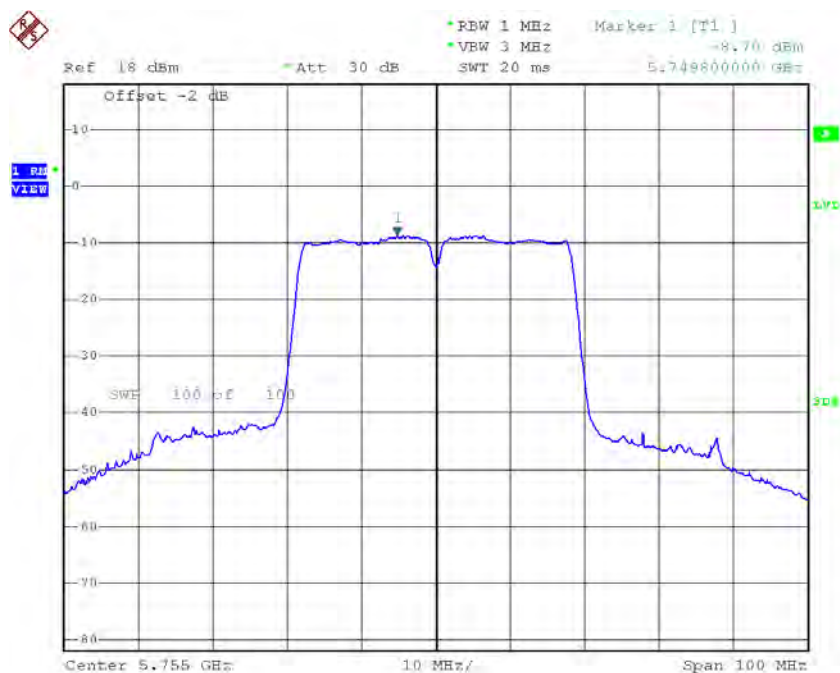


Date: 19.JUL.2015 13:02:50

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 2

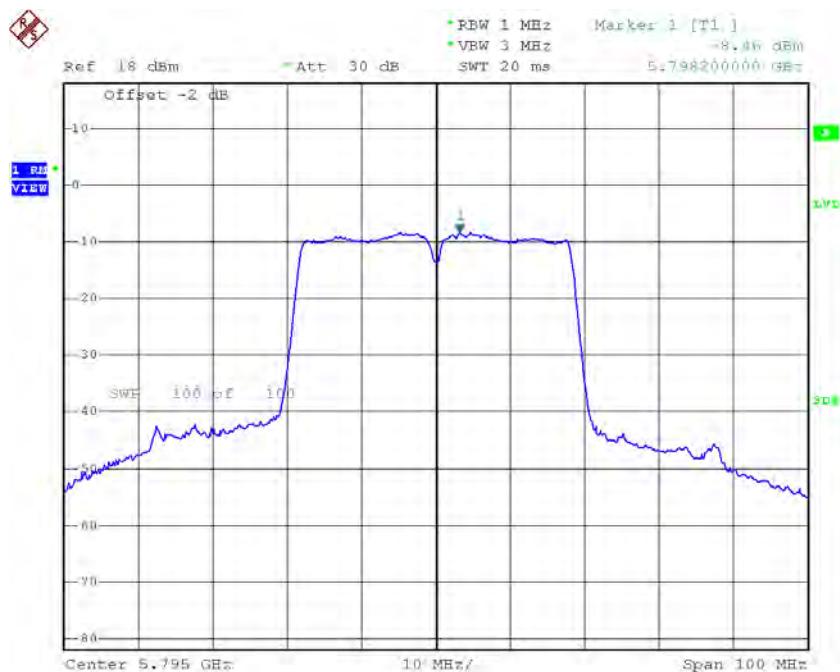
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-8.70	0.63	-8.07	30.00
CH159	5795	-8.46	0.63	-7.83	30.00

TX CH151



Date: 19.JUL.2015 15:49:01

TX CH159



Date: 19.JUL.2015 15:53:31

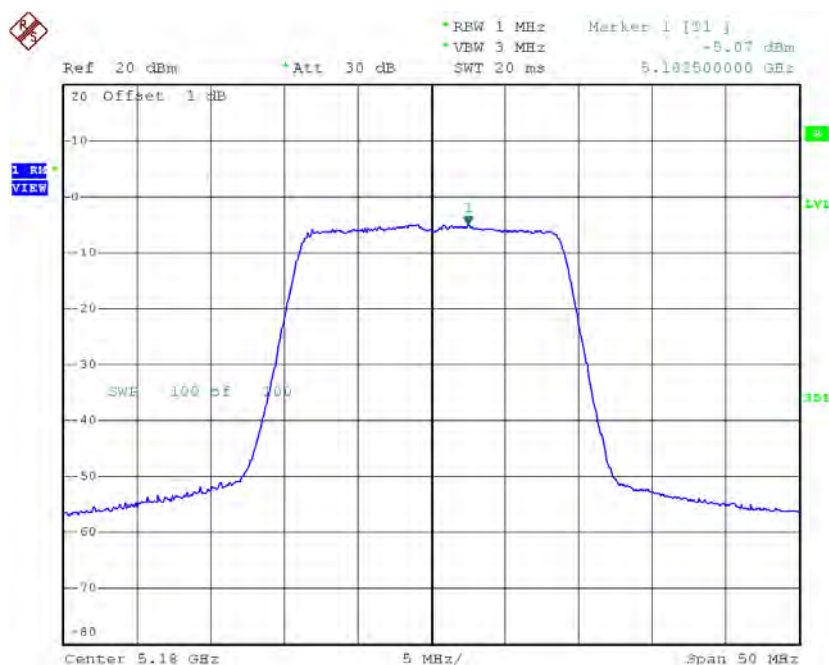
Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-7.14	0.63	-7.14	30.00
CH159	5795	-7.00	0.63	-7.00	30.00

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

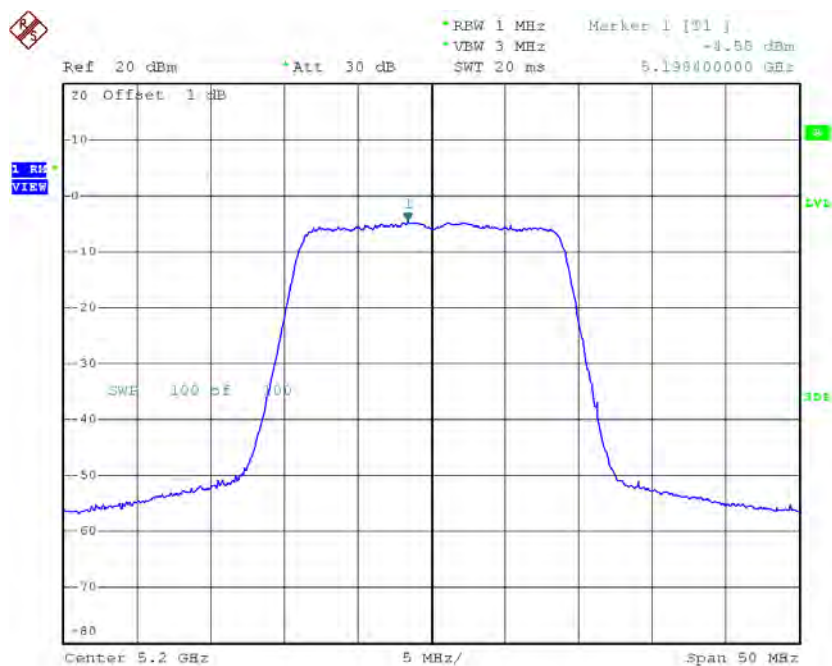
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-5.07	0.28	-4.79	11.00
CH40	5200	-4.55	0.28	-4.27	11.00
CH48	5240	-4.81	0.28	-4.53	11.00

CH36



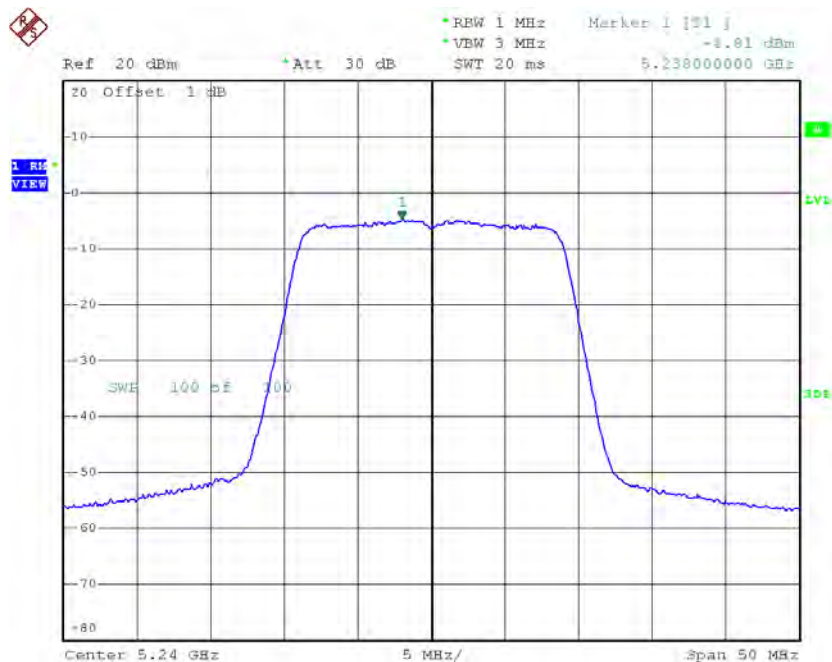
Date: 19.JUL.2015 12:21:53

CH40



Date: 19.JUL.2015 12:50:45

CH48

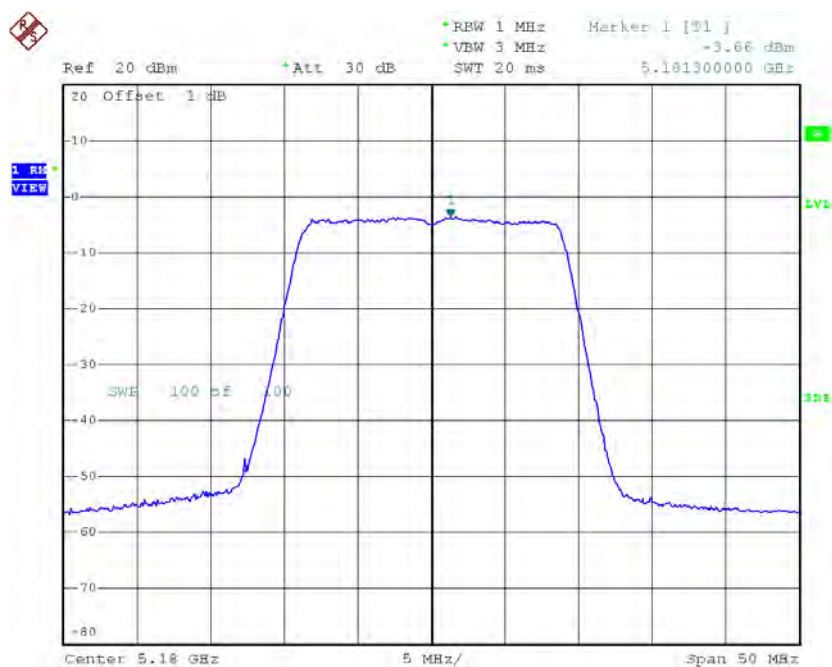


Date: 19.JUL.2015 12:51:44

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

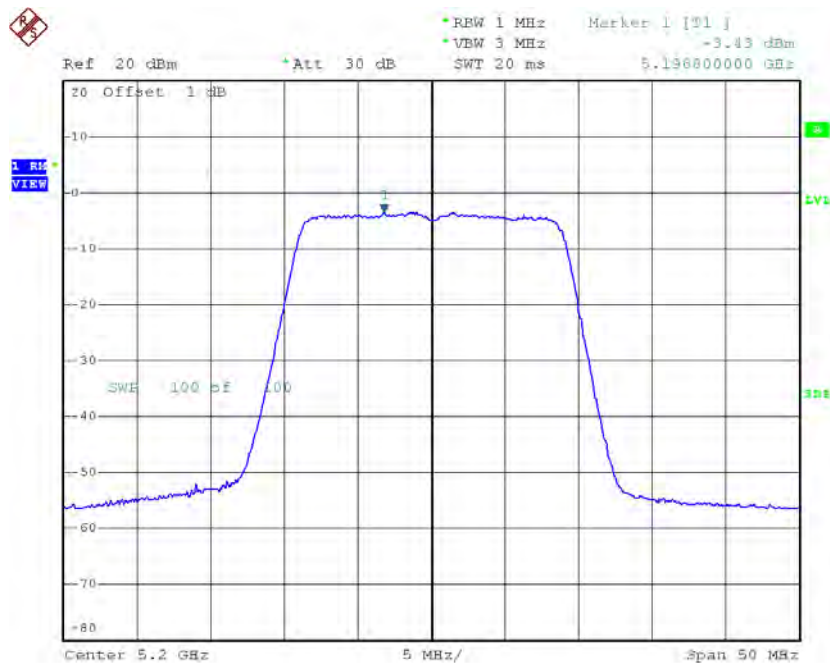
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-3.66	0.28	-3.38	11.00
CH40	5200	-3.43	0.28	-3.15	11.00
CH48	5240	-4.34	0.28	-4.06	11.00

CH36



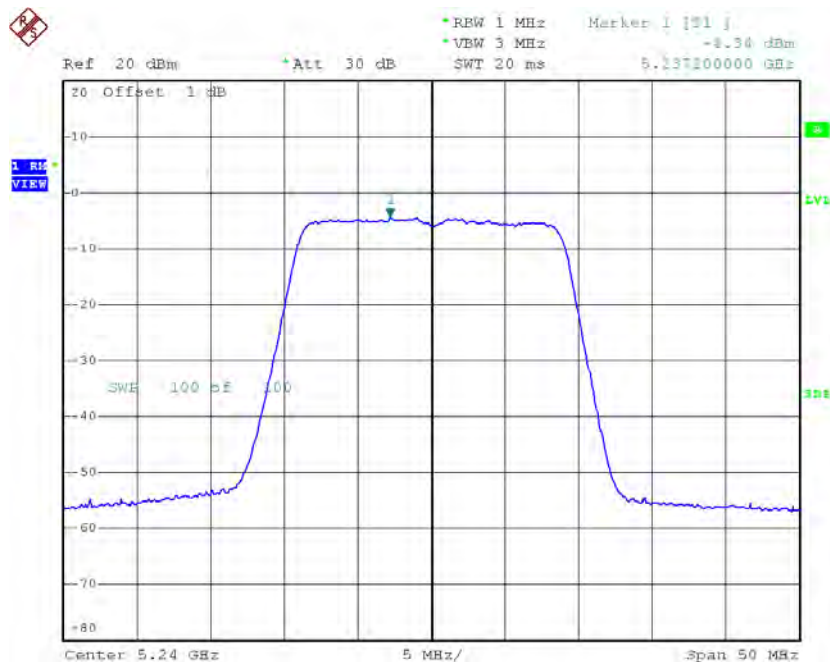
Date: 19.JUL.2015 15:34:47

CH40



Date: 19.JUL.2015 15:36:50

CH48



Date: 19.JUL.2015 15:37:49

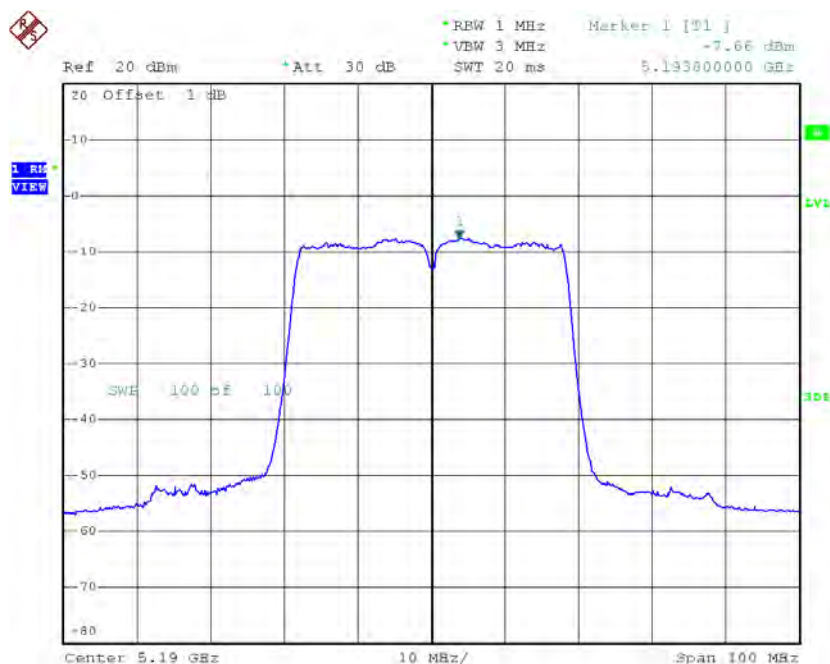
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-1.02	0.28	-1.02	11.00
CH40	5200	-0.66	0.28	-0.66	11.00
CH48	5240	-1.28	0.28	-1.28	11.00

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 1

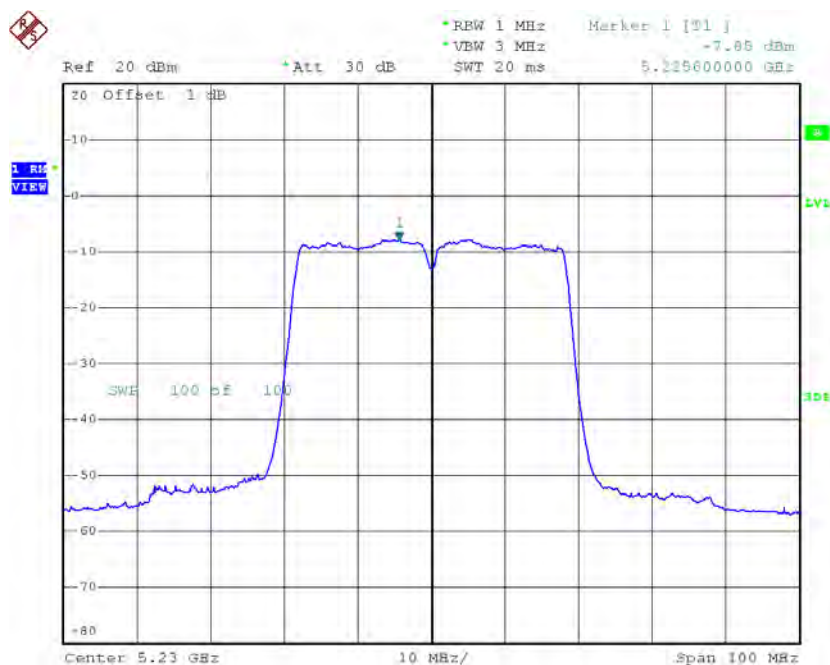
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-7.66	0.38	-7.28	11.00
CH46	5230	-7.85	0.38	-7.47	11.00

CH38



Date: 19.JUL.2015 13:06:08

CH46

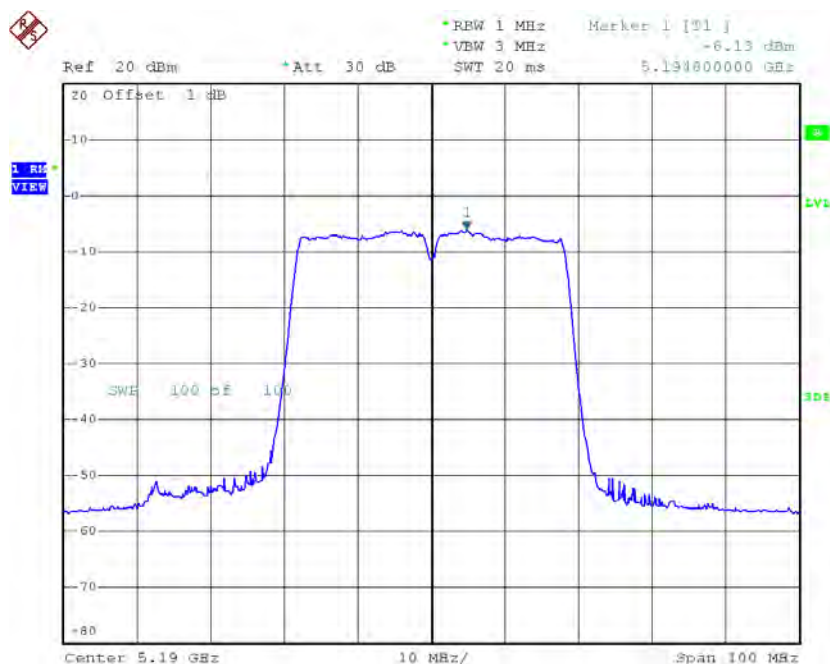


Date: 19.JUL.2015 13:08:00

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 2

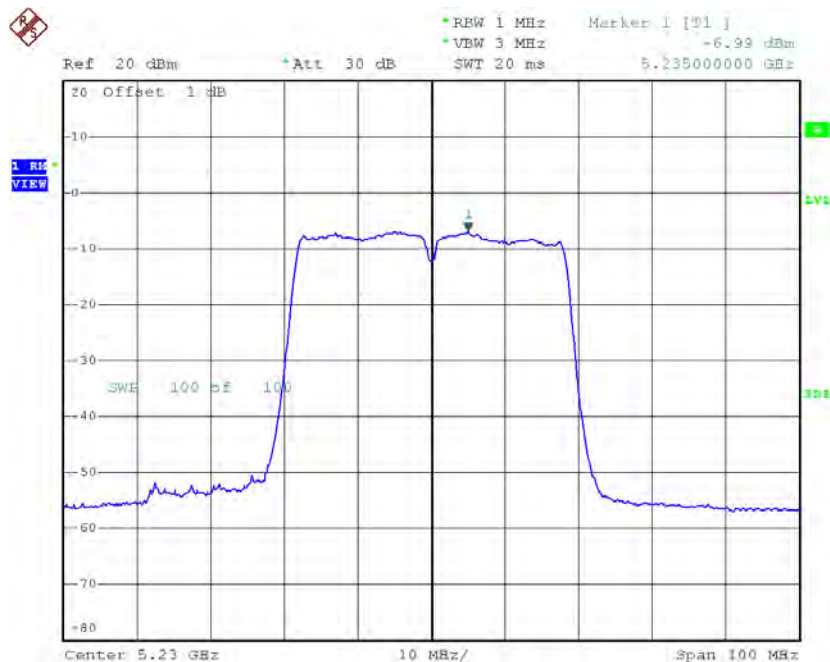
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-6.13	0.38	-5.75	11.00
CH46	5230	-6.99	0.38	-6.61	11.00

CH38



Date: 19.JUL.2015 15:58:29

CH46



Date: 19.JUL.2015 15:59:44

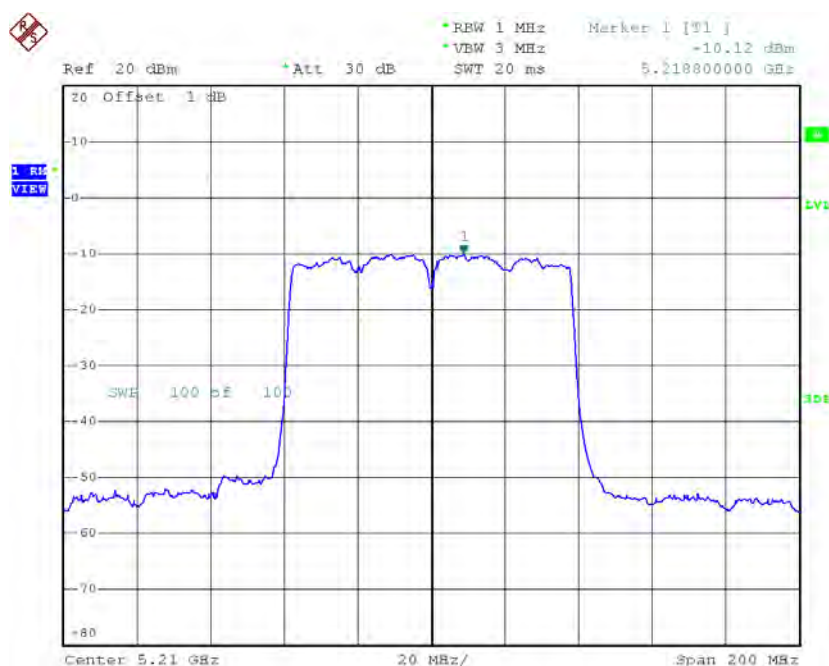
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-3.44	0.38	-3.44	11.00
CH46	5230	-4.01	0.38	-4.01	11.00

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-10.12	0.41	-9.71	11.00

CH42

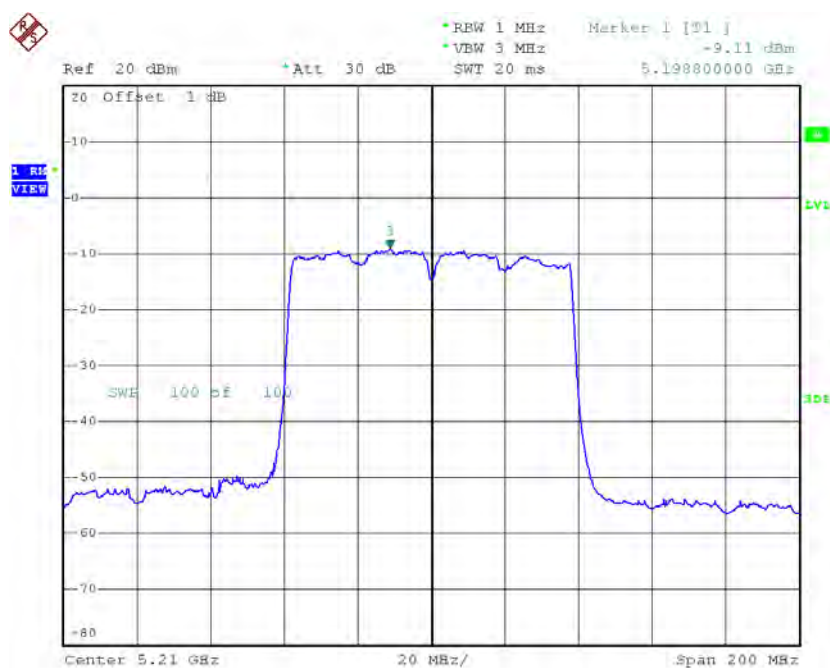


Date: 19.JUL.2015 13:17:00

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-9.11	0.41	-8.70	11.00

CH42



Date: 19.JUL.2015 16:11:16

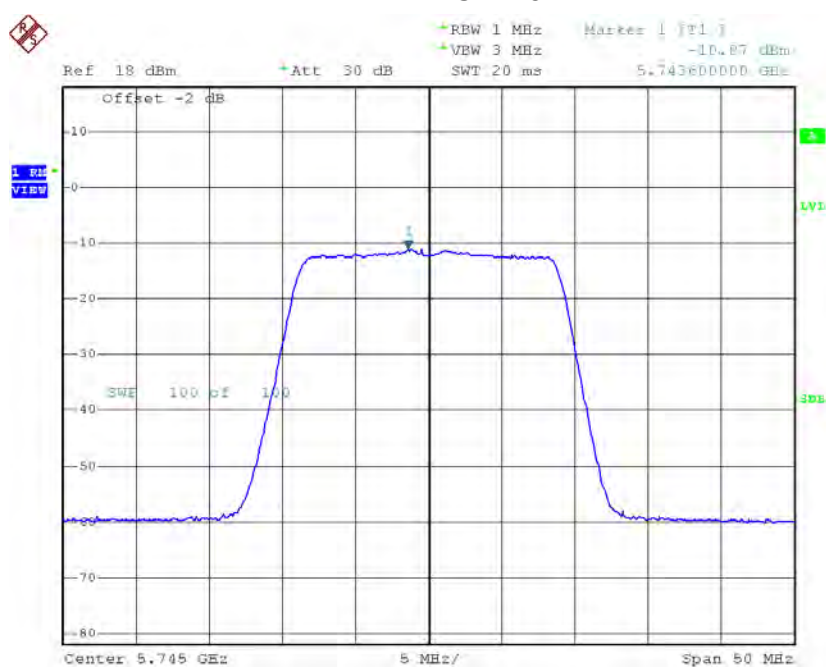
Test Mode: UNII-1/TX AC80 Mode_CH42_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-6.17	0.41	-6.17	11.00

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 1

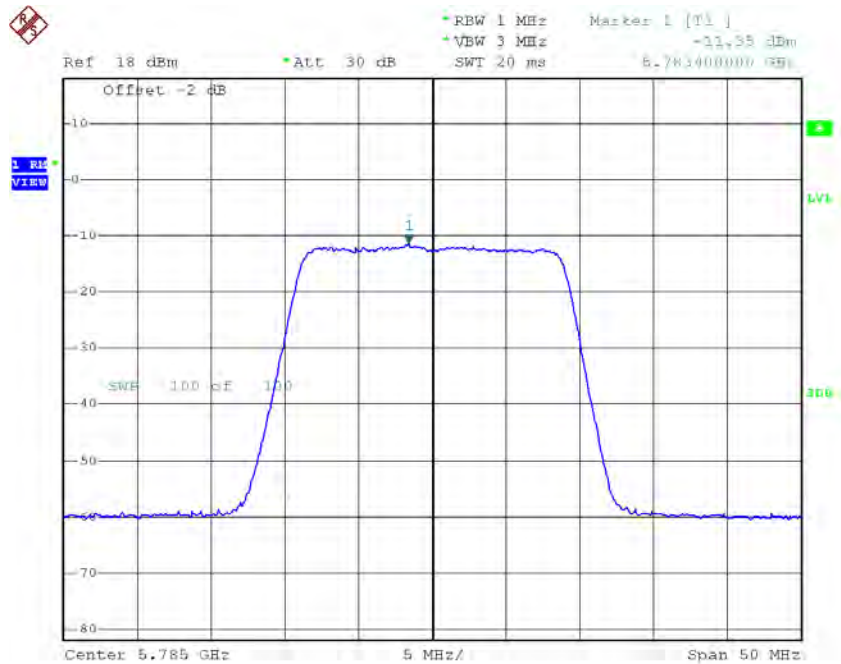
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-10.87	0.28	-10.59	30.00
CH157	5785	-11.35	0.28	-11.07	30.00
CH165	5825	-11.69	0.28	-11.41	30.00

TX CH149



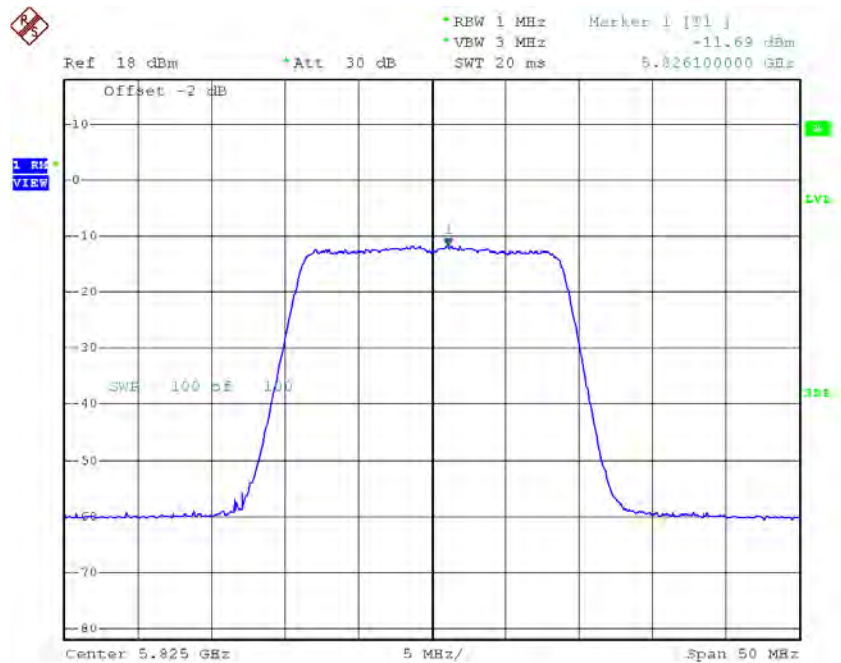
Date: 19.JUL.2015 12:52:56

TX CH157



Date: 19.JUL.2015 12:54:30

TX CH165

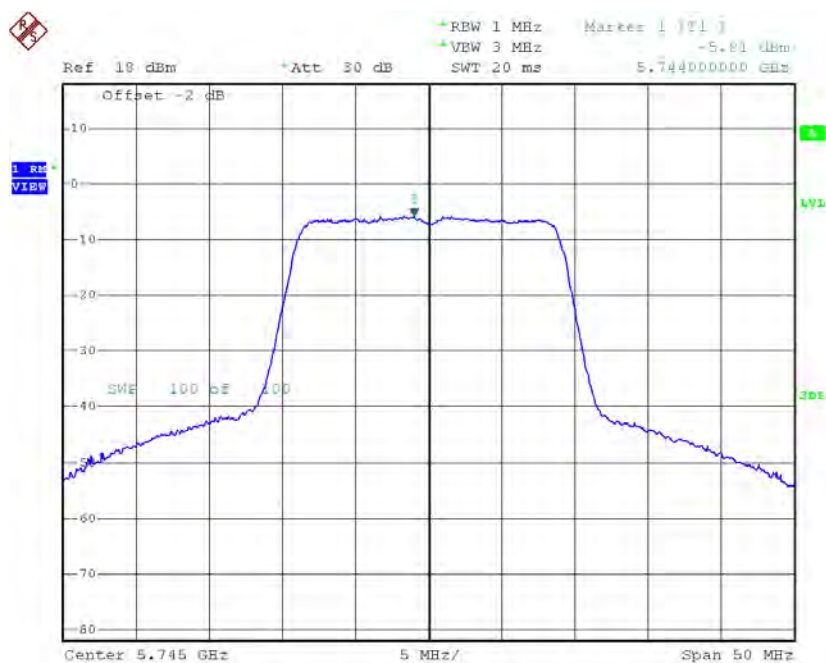


Date: 19.JUL.2015 12:55:30

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 2

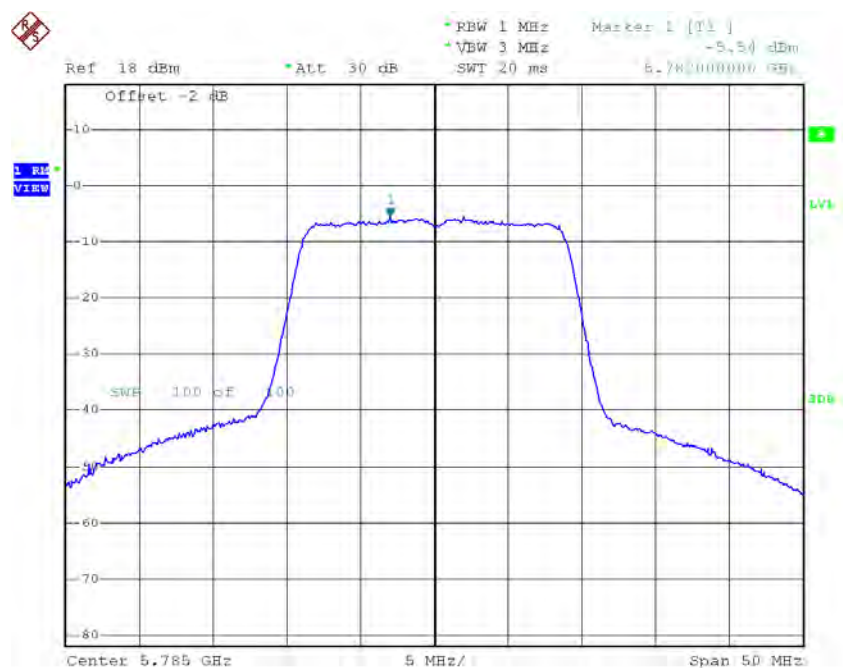
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-5.81	0.28	-5.53	30.00
CH157	5785	-5.54	0.28	-5.26	30.00
CH165	5825	-5.95	0.28	-5.67	30.00

TX CH149



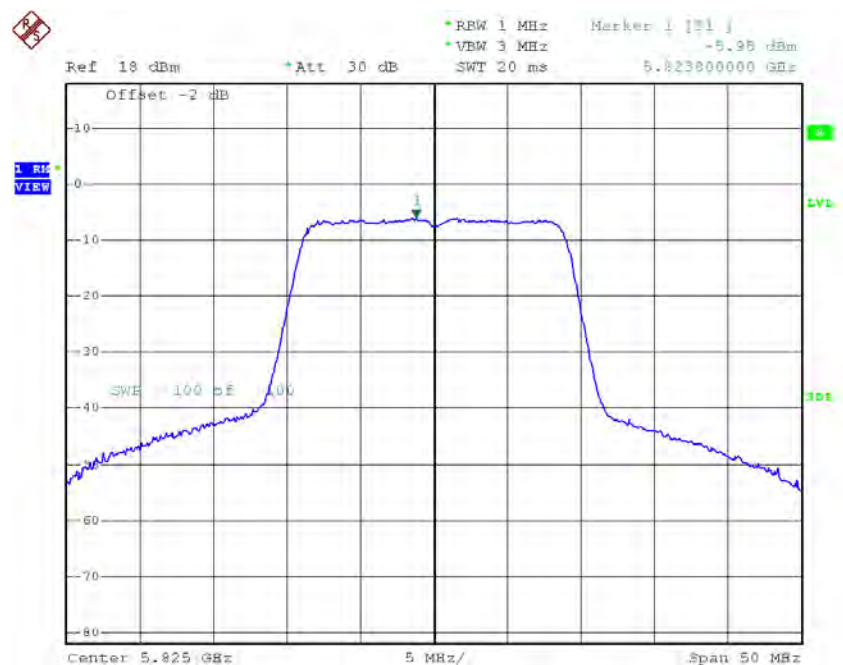
Date: 19.JUL.2015 15:39:48

TX CH157



Date: 19.JUL.2015 15:41:20

TX CH165



Date: 19.JUL.2015 15:42:31

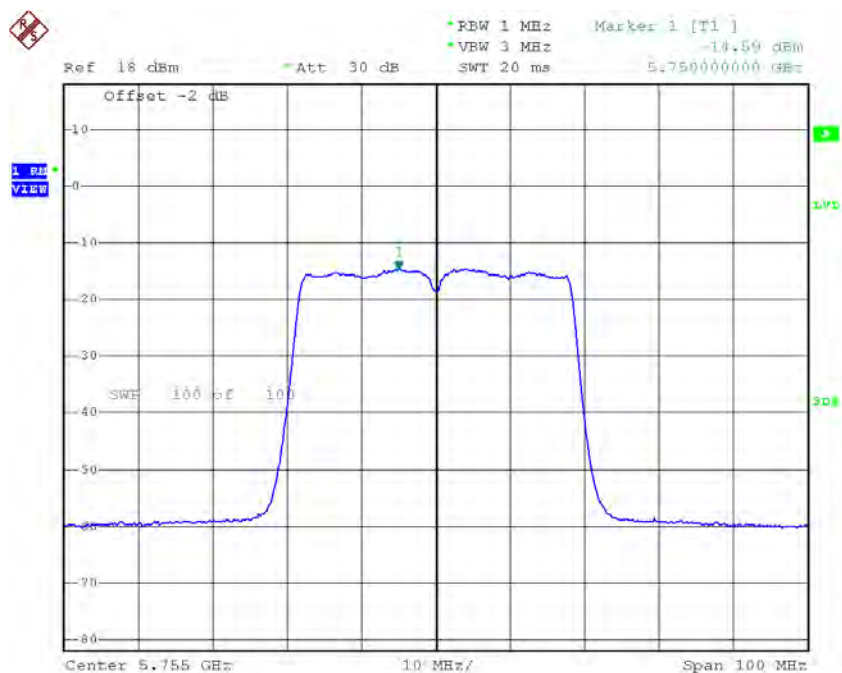
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH149	5745	-4.35	0.28	-4.35	30.00
CH157	5785	-4.25	0.28	-4.25	30.00
CH165	5825	-4.64	0.28	-4.64	30.00

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 1

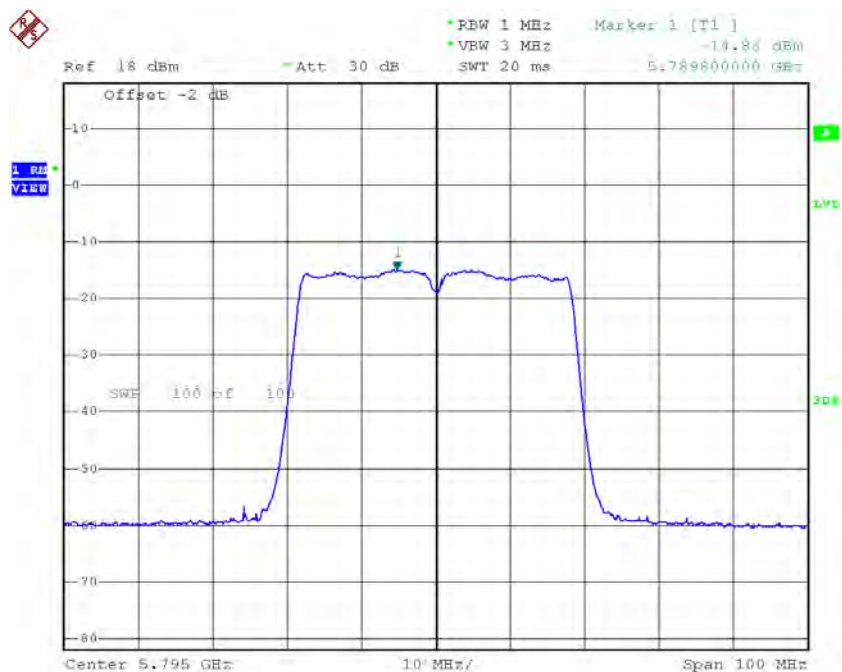
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-14.59	0.38	-14.21	30.00
CH159	5795	-14.83	0.38	-14.45	30.00

TX CH151



Date: 19.JUL.2015 13:09:37

TX CH159

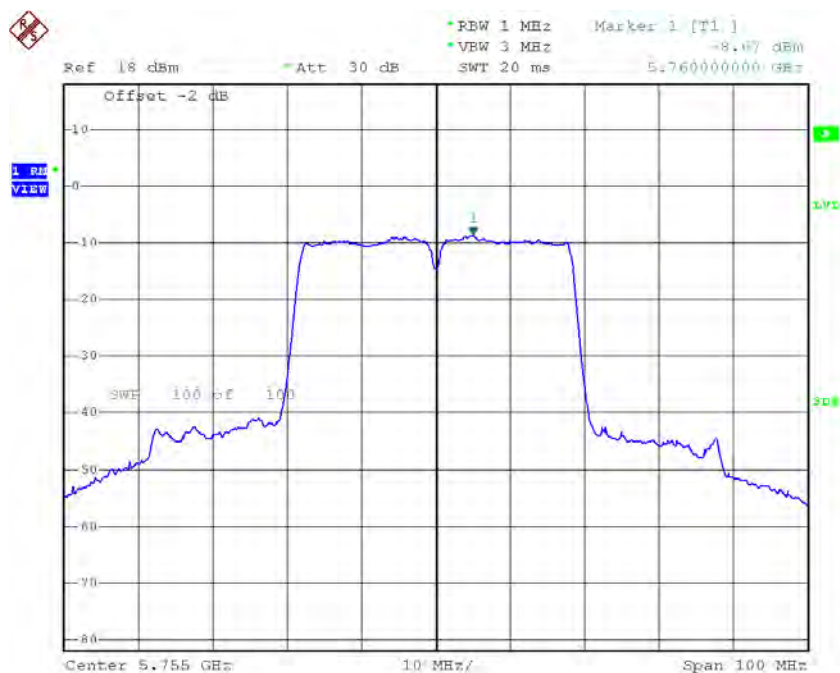


Date: 19.JUL.2015 13:10:47

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 2

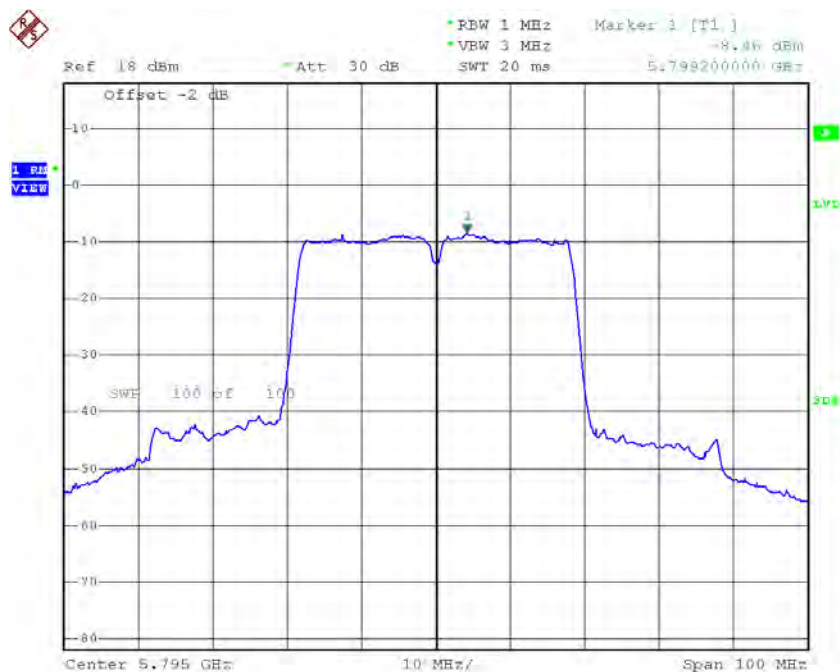
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-8.67	0.38	-8.29	30.00
CH159	5795	-8.46	0.38	-8.08	30.00

TX CH151



Date: 19.JUL.2015 16:01:01

TX CH159



Date: 19.JUL.2015 16:04:51

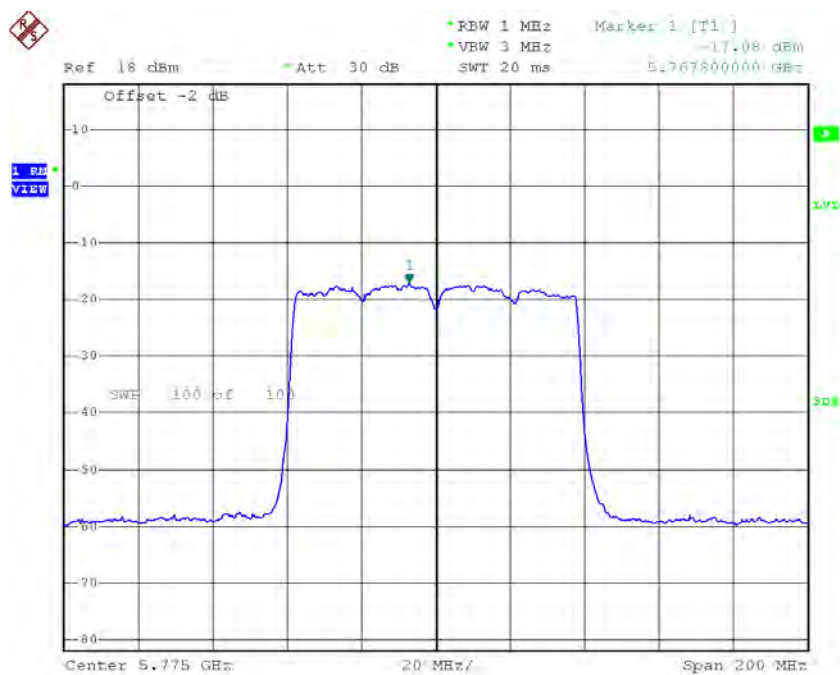
Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH151	5755	-7.30	0.38	-7.30	30.00
CH159	5795	-7.18	0.38	-7.18	30.00

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH155	5775	-17.08	0.41	-16.67	30.00

TX CH155

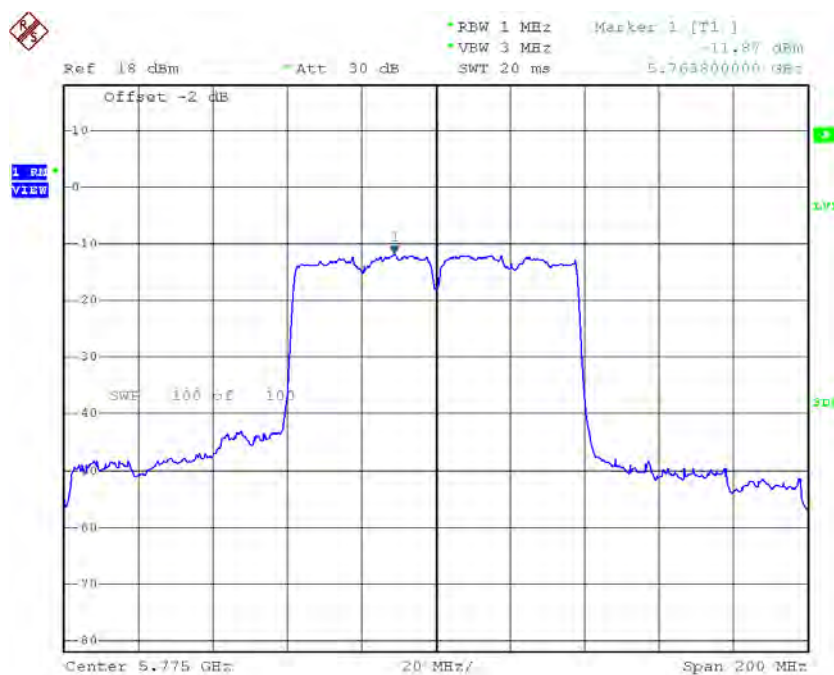


Date: 19.JUL.2015 13:18:51

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH155	5775	-11.87	0.41	-11.46	30.00

TX CH155



Date: 19.JUL.2015 16:13:03

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density + Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH155	5775	-10.32	0.41	-10.32	30.00

ATTACHMENT I - FREQUENCY STABILITY

Test Mode:	UNII-1
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0490
132	5180.0400
120	5180.0370
108	5180.0490
Max. Deviation (MHz)	0.0490
Max. Deviation (ppm)	9.4595

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(°C)	5180.0000
0	5180.0330
5	5180.0460
15	5180.0350
25	5180.0400
35	5180.0490
40	5180.0410
Max. Deviation (MHz)	0.0490
Max. Deviation (ppm)	9.4595

Test Mode:	UNII-3
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0370
120	5745.0400
108	5745.0490
Max. Deviation (MHz)	0.0490
Max. Deviation (ppm)	8.5292

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0440
5	5745.0290
15	5745.0330
25	5745.0400
35	5745.0380
40	5745.0430
Max. Deviation (MHz)	0.0450
Max. Deviation (ppm)	7.8329