FCC Radio Test Report

FCC ID: V7TAC7

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

Project No.	:	1804C050
Equipment	:	AC1200 Smart Dual-Band WiFi Router
Model Name	:	AC7
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Date of Receipt	:	Apr. 11, 2018
Date of Test	:	Apr. 13, 2018 ~ Apr. 26, 2018
Issued Date	:	May 03, 2018
Tested by	:	BTL Inc.

Testing Engineer : Jivey Jiang
(Jivey Jiang)

Technical Manager : Shawn Xiao
(Shawn Xiao)

Authorized Signatory : David Mao
(David Mao)

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NVLAP TESTING
NVLAP LAB CODE 200788-0

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1804C050	Original Issue.	May 03, 2018

1. CERTIFICATION

Equipment	:	AC1200 Smart Dual-Band WiFi Router
Brand Name	:	Tenda
Test Model	:	AC7
Series Model	:	N/A
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Manufacturer	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Test	:	Apr. 13, 2018 ~ Apr. 26, 2018
Test Sample	:	Engineering Sample NO.: D180403014
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1804C050) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Test results included in this report is only for the RLAN 5GHz UNII-1 & UNII-3 part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 854385
BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) k=1.96 or k=2(which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)). Measurement Uncertainty for a Level of Confidence of 95 %, U=2xUc(y).

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1200 Smart Dual-Band WiFi Router	
Brand Name	Tenda	
Model Name	AC7	
Mode Different	NA	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	1200Mbps
	Output Power (Max.)for UNII-1 – Non Beamforming	802.11a: 26.41dBm 802.11n (20M): 27.51dBm 802.11n (40M): 27.54dBm 802.11ac (20M): 27.35dBm 802.11ac (40M): 27.42dBm 802.11ac (80M): 21.55dBm
	Output Power (Max.)for UNII-3 – Non Beamforming	802.11a: 27.53dBm 802.11n (20M): 27.78dBm 802.11n (40M): 27.34dBm 802.11ac (20M): 27.45dBm 802.11ac (40M): 27.69dBm 802.11ac (80M): 26.82dBm
	Output Power (Max.)for UNII-1 – With Beamforming	802.11n (20M): 27.28dBm 802.11n (40M): 27.28dBm 802.11ac (20M): 27.02dBm 802.11ac (40M): 27.19dBm 802.11ac (80M): 21.14dBm
	Output Power (Max.)for UNII-3 – With Beamforming	802.11n (20M): 27.52dBm 802.11n (40M): 27.09dBm 802.11ac (20M): 27.17dBm 802.11ac (40M): 27.38dBm 802.11ac (80M): 26.39dBm
Power Source	DC Voltage supplied from AC/DC adapter. Model:BN052-A09009U	
Power Rating	I/P: 100-240V ~ 50/60Hz 0.3A O/P: 9V ⎓ 1A	

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	SHENZHEN TENDA TECHNOLOGY CO., LTD	N/A	Dipole	N/A	5
2	SHENZHEN TENDA TECHNOLOGY CO., LTD	N/A	Dipole	N/A	5

Note:

(1) Antenna Gain=5 dBi. This EUT supports MIMO 2X2, any transmit signals are correlated with each other, so Directional gain = GANT+10log(N)dBi, that is Directional gain=5+10 log(2)dBi=8.01; So, the UNII-1,UNII-3 output power limit is 30-8.01+6=27.99.
The UNII-1 power density limit is 17-8.01+6=14.99, the UNII-3 power density limit is 30-8.01+6=27.99.

(2) Beamforming Gain: 3 dBi, So Direction gain =3+5=8 >6, the UNII-1,UNII-3 output power limit is 30-2=28.00. The UNII-1 power density limit is 17-2=15.00, the UNII-3 power density limit is 30-2=27.00.

4. The worst case for 1TX/ 2TX as follow:

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 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

Non Beamforming

UNII-1			
Test Software Version	RTL819x3.4		
Frequency (MHz)	5180	5200	5240
A Mode	54	63	63
N20 Mode	53	57	57
AC20 Mode	54	57	57
Frequency (MHz)	5190	5230	
N40 Mode	46	57	
AC40 Mode	46	57	
Frequency (MHz)	5210		
AC80 Mode	45		

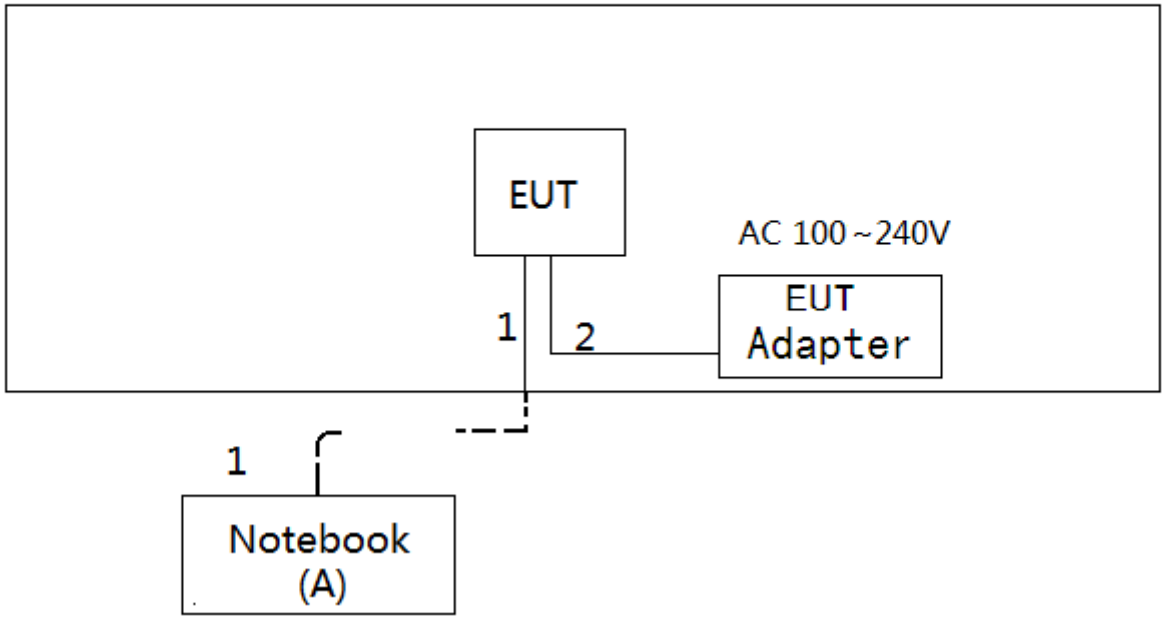
UNII-3			
Test Software Version	RTL819x3.4		
Frequency (MHz)	5745	5785	5825
A Mode	60	63	63
N20 Mode	49	56	53
AC20 Mode	49	56	52
Frequency (MHz)	5755	5795	
N40 Mode	53	53	
AC40 Mode	57	49	
Frequency (MHz)	5775		
AC80 Mode	53		

With Beamforming

UNII-1			
Test Software Version	RTL819x3.4		
Frequency (MHz)	5180	5200	5240
N20 Mode	53	57	57
AC20 Mode	54	57	57
Frequency (MHz)	5190	5230	
N40 Mode	46	57	
AC40 Mode	46	57	
Frequency (MHz)	5210		
AC80 Mode	45		

UNII-3			
Test Software Version	RTL819x3.4		
Frequency (MHz)	5745	5785	5825
N20 Mode	49	56	53
AC20 Mode	49	56	52
Frequency (MHz)	5755	5795	
N40 Mode	53	53	
AC40 Mode	57	49	
Frequency (MHz)	5775		
AC80 Mode	53		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	NOTEBOOK	DELL	INSPIRON 1420	N/A	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	10m	RJ45 Cable
2	NO	NO	1.2m	DC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

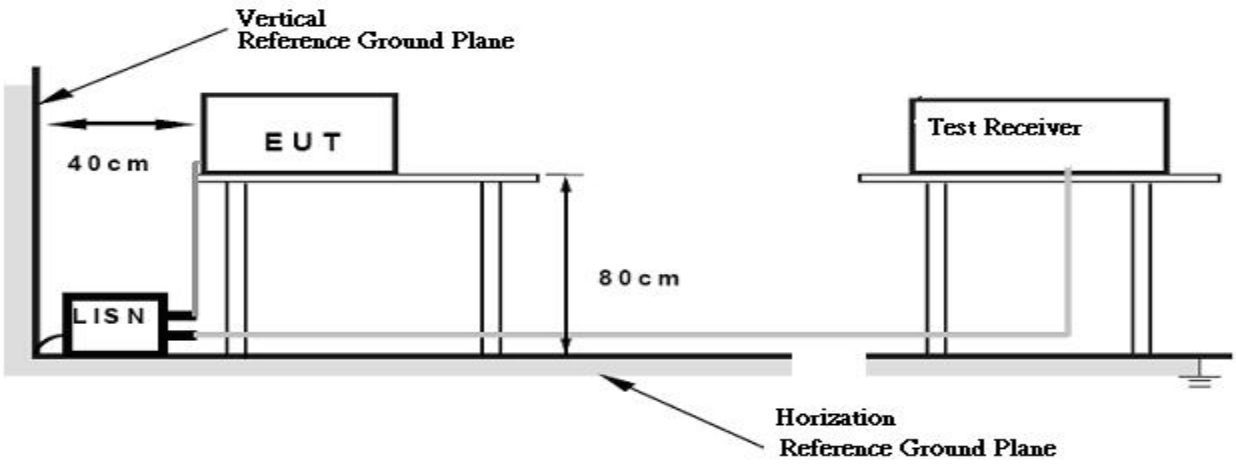
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

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

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

4.2.2 TEST PROCEDURE

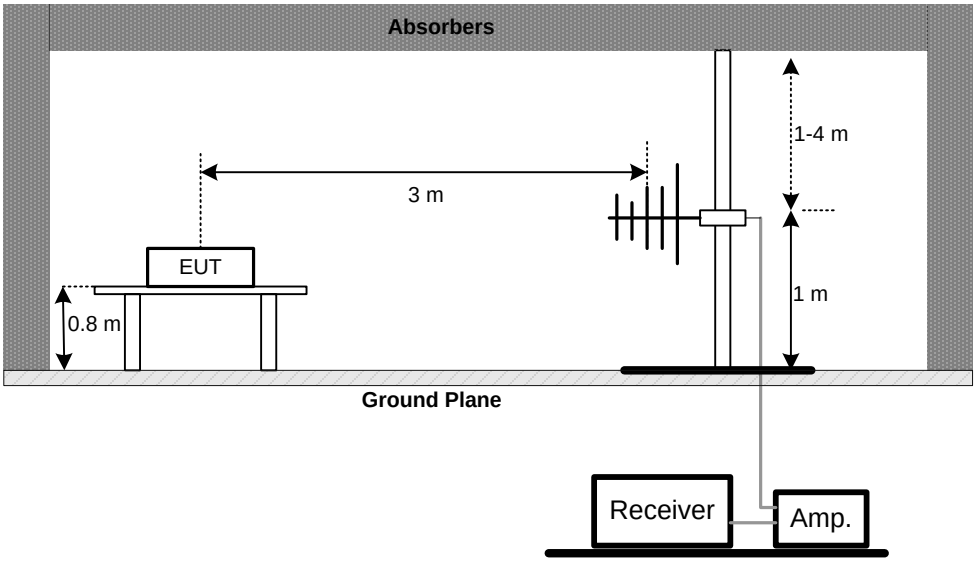
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

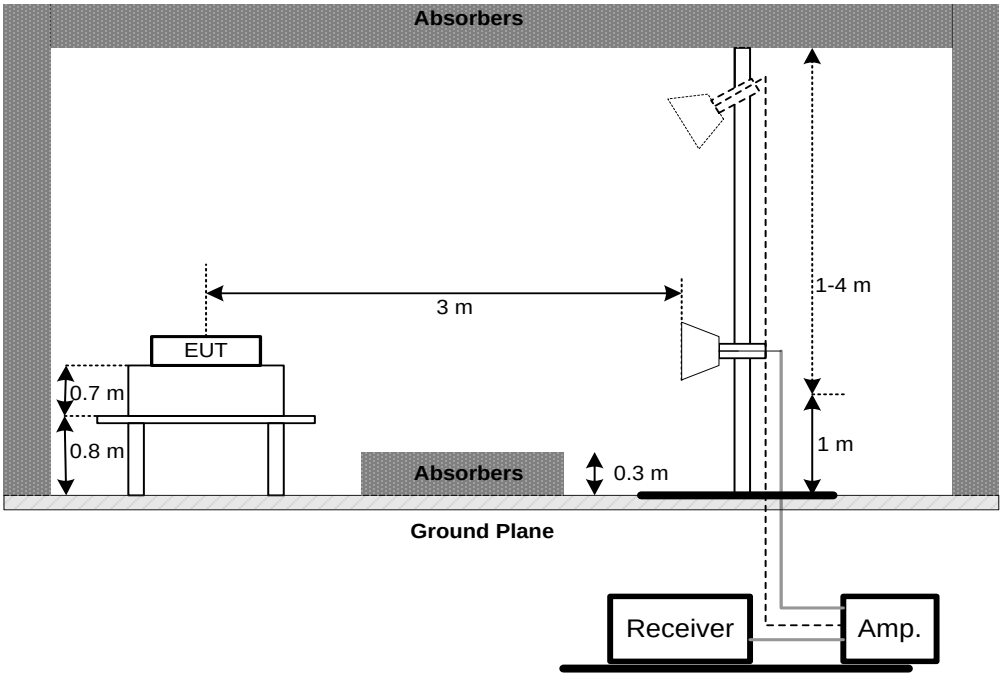
No deviation

4.2.4 TEST SETUP

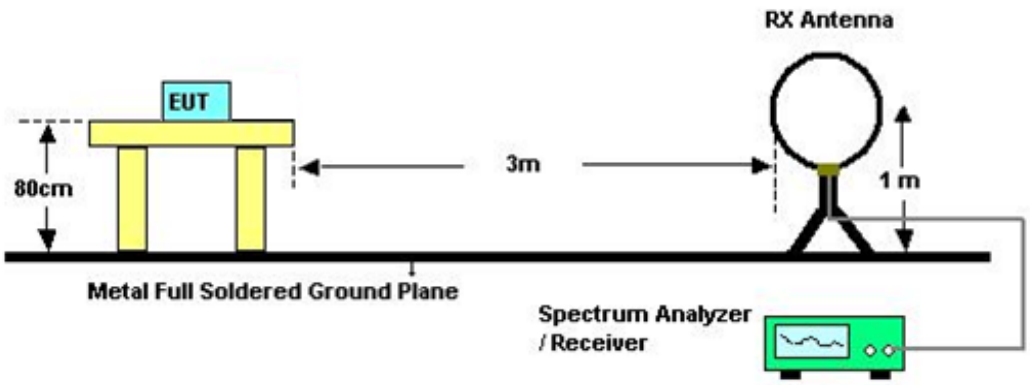
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 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(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP

5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Appendix 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 spectrum analyzer and antenna output port as show in the block diagram below,
b. Used spectrum analyzer band power measurement function.
c.

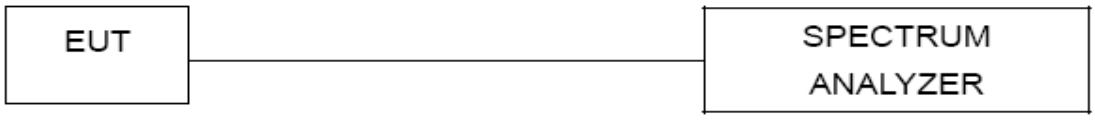
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Sweep points	≥2 x span / RBW
Detector	RMS
Trace	Trace average at least 100 traces in power averaging(rms) mode.
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

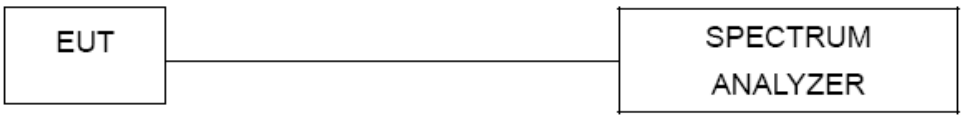
Note:

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

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

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

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

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	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

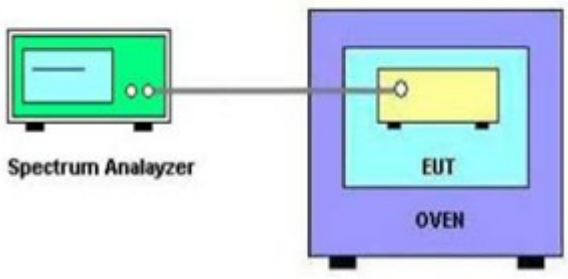
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -5°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
2	LISN	EMCO	3816/2	52765	Mar. 11, 2019
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Oct. 19, 2018

Radiated Emission Measurement - Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	EM	EM-6876-1	230	Feb. 07, 2019

Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
9	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	FSP40	100185	Aug. 20, 2018

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 11, 2019

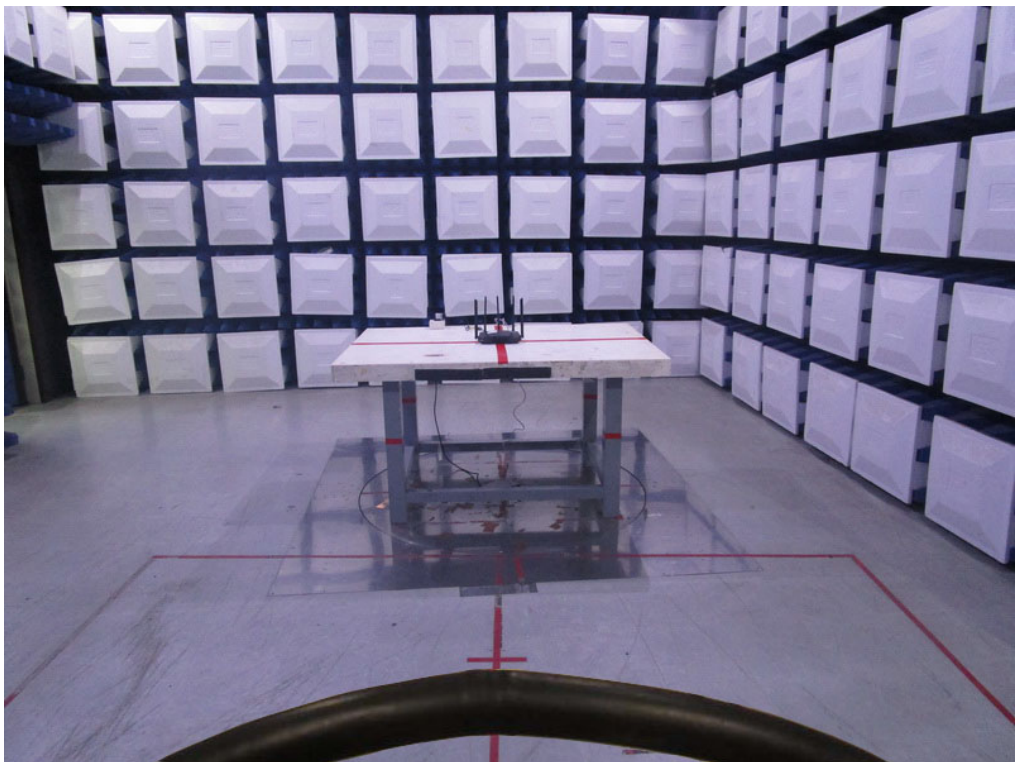
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

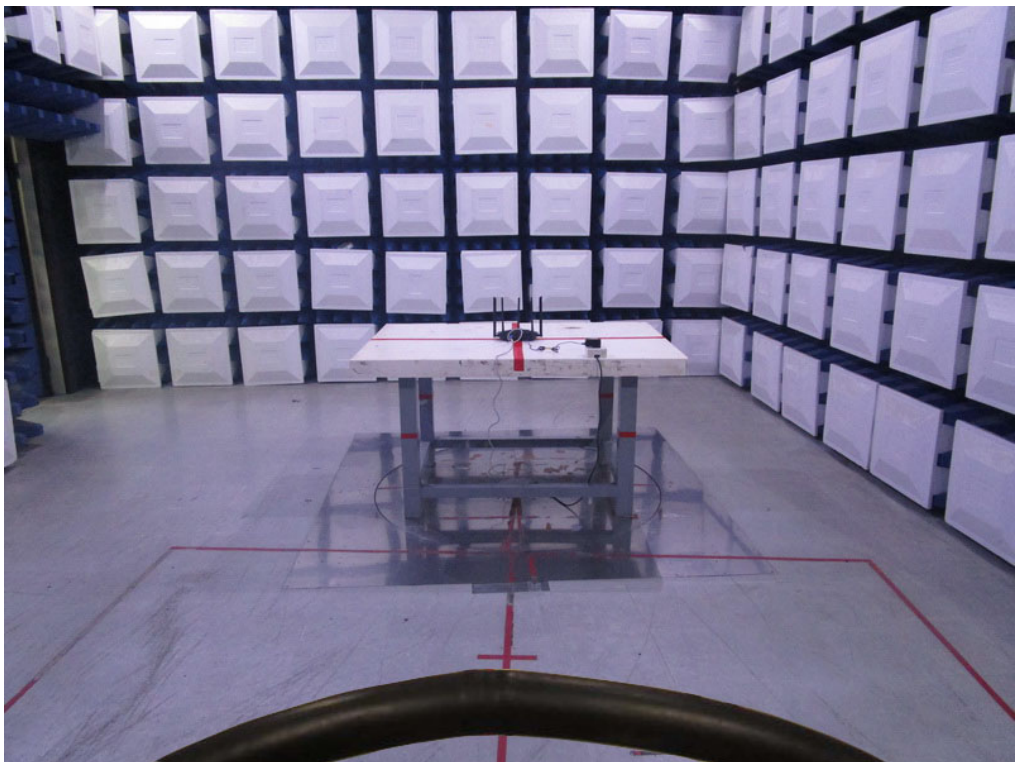
10. EUT TEST PHOTOS

Conducted Measurement Photos

Radiated Measurement Photos

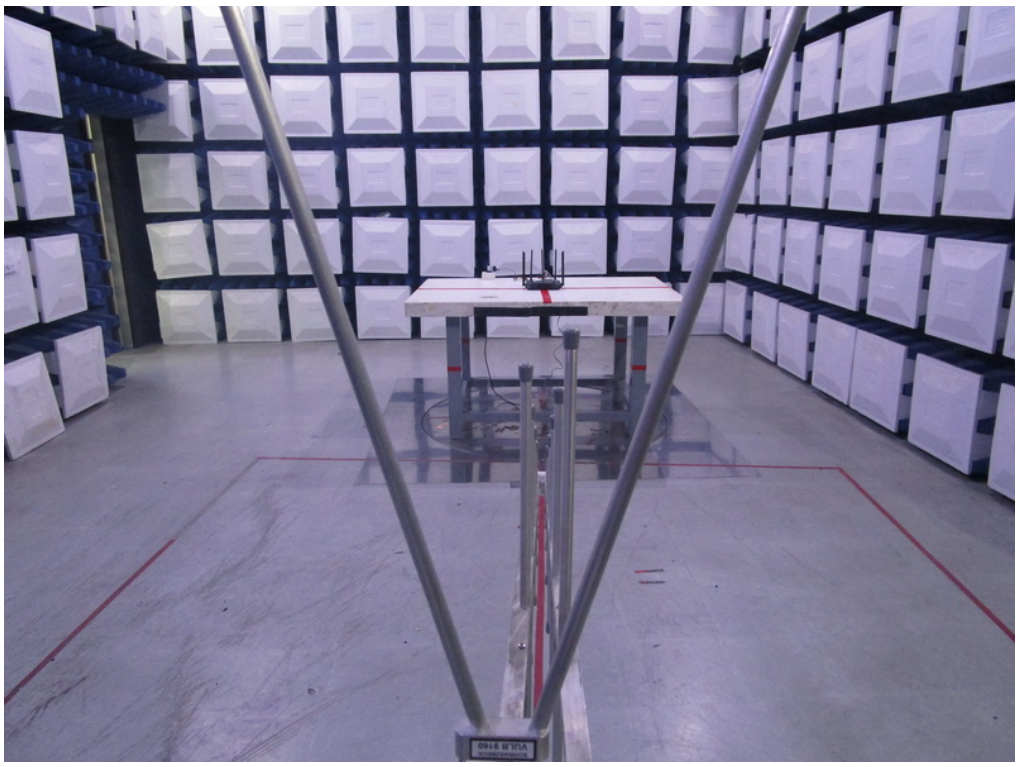
9kHz to 30MHz

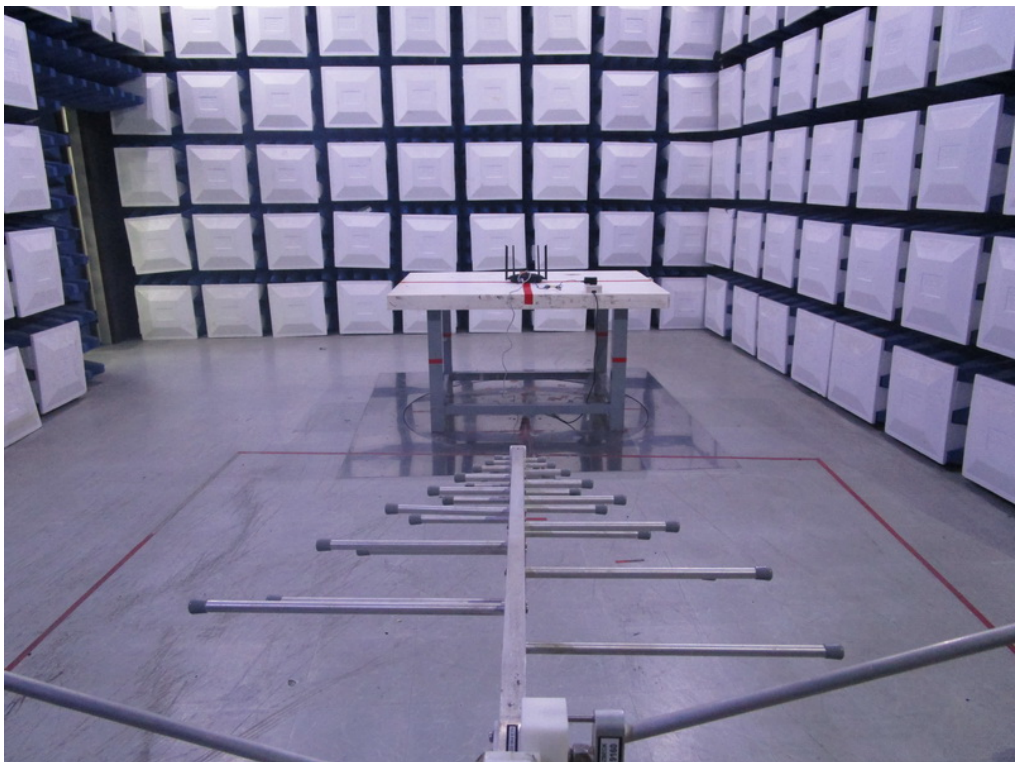




Radiated Measurement Photos

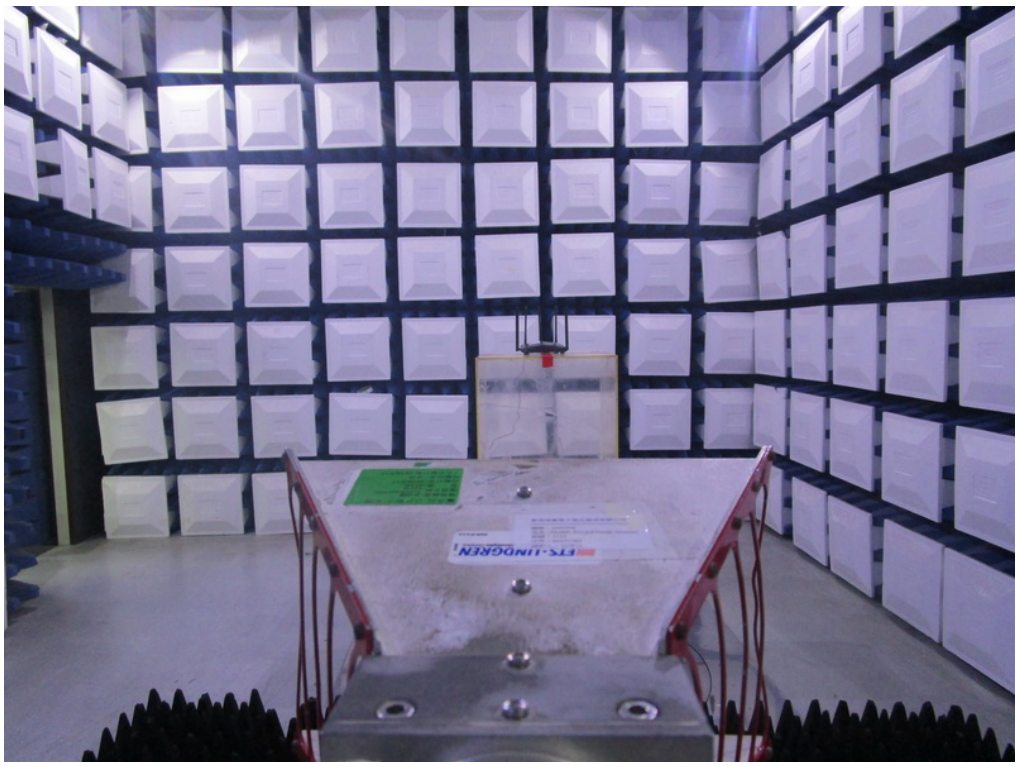
30MHz to 1000MHz

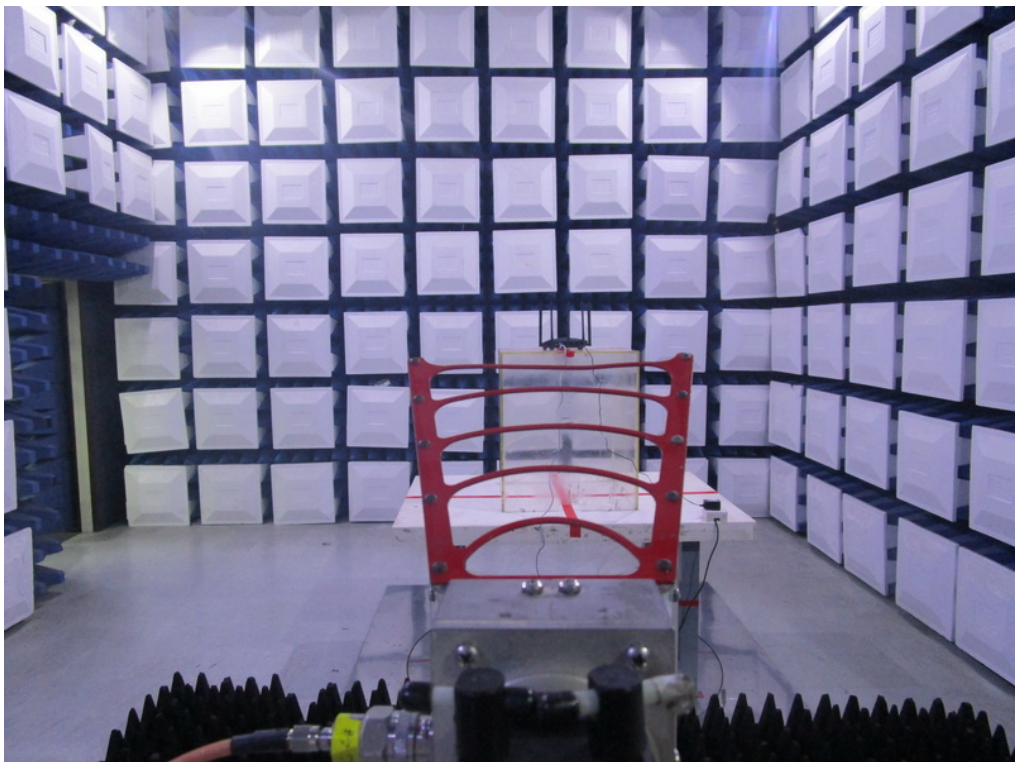




Radiated Measurement Photos

Above 1000MHz

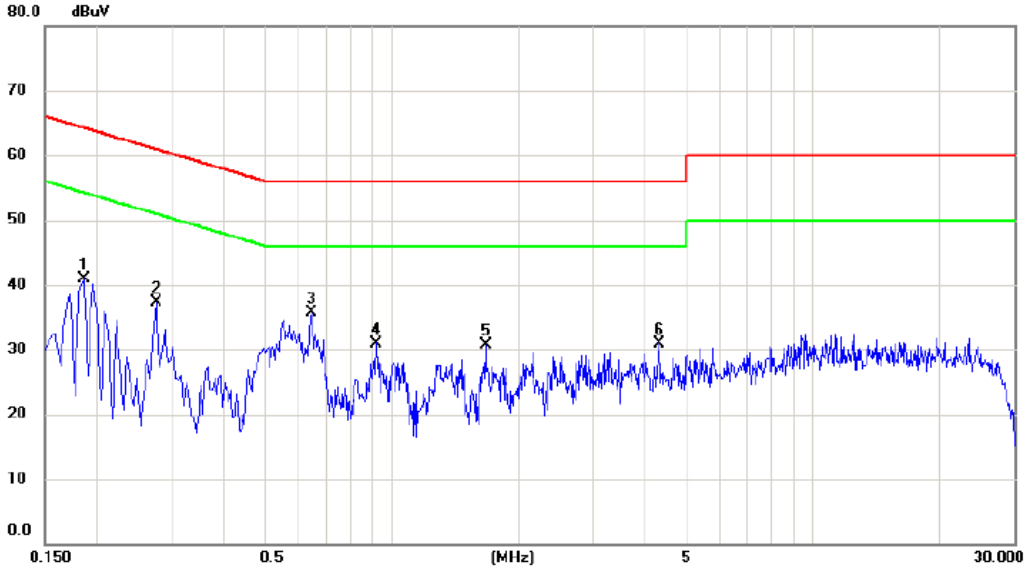




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

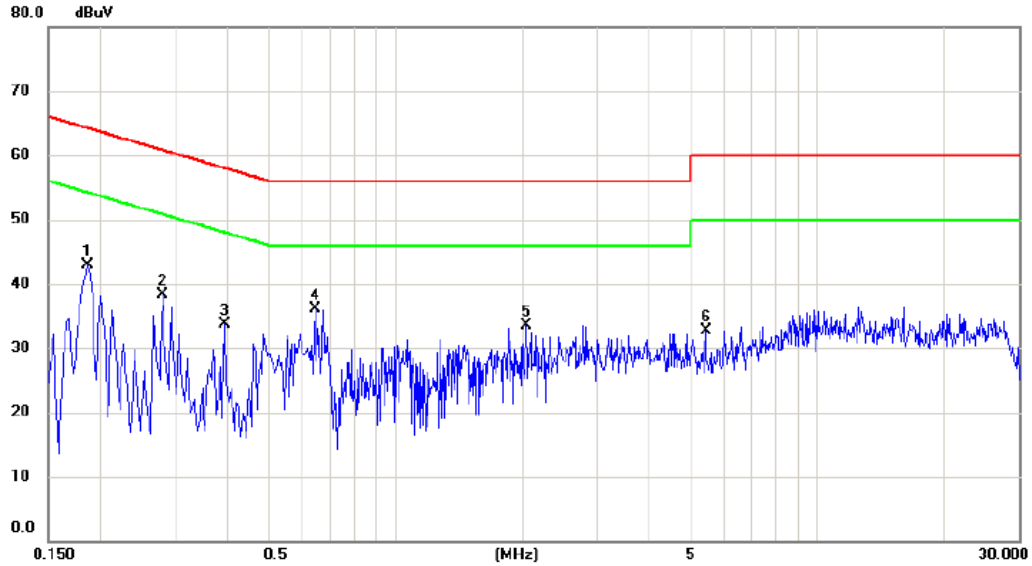


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1860	31.18	9.82	41.00	64.21	-23.21	peak	
2		0.2760	27.55	9.82	37.37	60.94	-23.57	peak	
3	*	0.6450	25.87	9.85	35.72	56.00	-20.28	peak	
4		0.9195	21.08	9.92	31.00	56.00	-25.00	peak	
5		1.6710	20.67	9.97	30.64	56.00	-25.36	peak	
6		4.3034	20.85	10.15	31.00	56.00	-25.00	peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



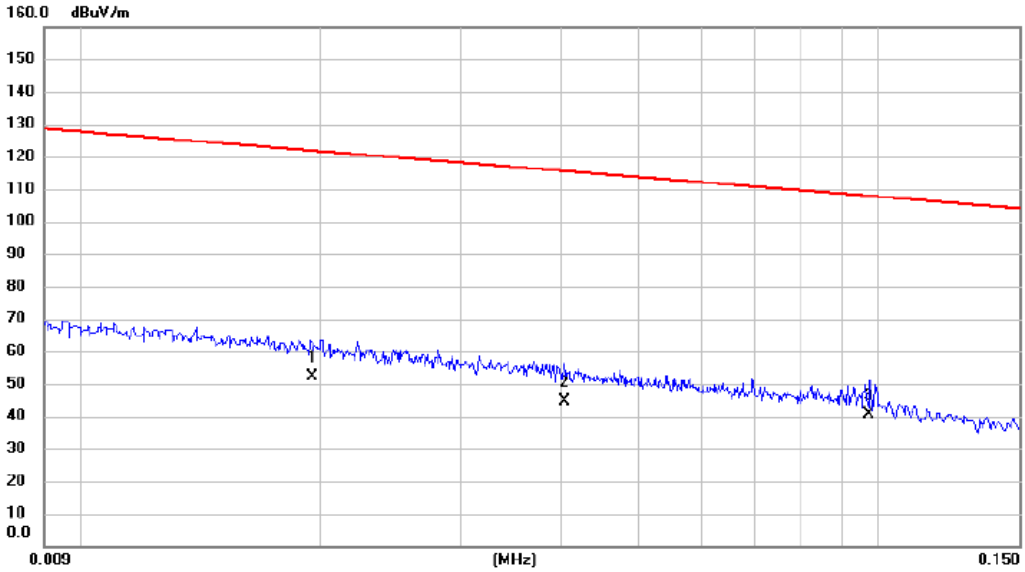
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1860	33.05	9.91	42.96	64.21	-21.25	peak	
2		0.2805	28.38	9.92	38.30	60.80	-22.50	peak	
3		0.3930	23.75	9.95	33.70	58.00	-24.30	peak	
4	*	0.6450	26.02	10.01	36.03	56.00	-19.97	peak	
5		2.0400	23.30	10.19	33.49	56.00	-22.51	peak	
6		5.4465	22.17	10.44	32.61	60.00	-27.39	peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

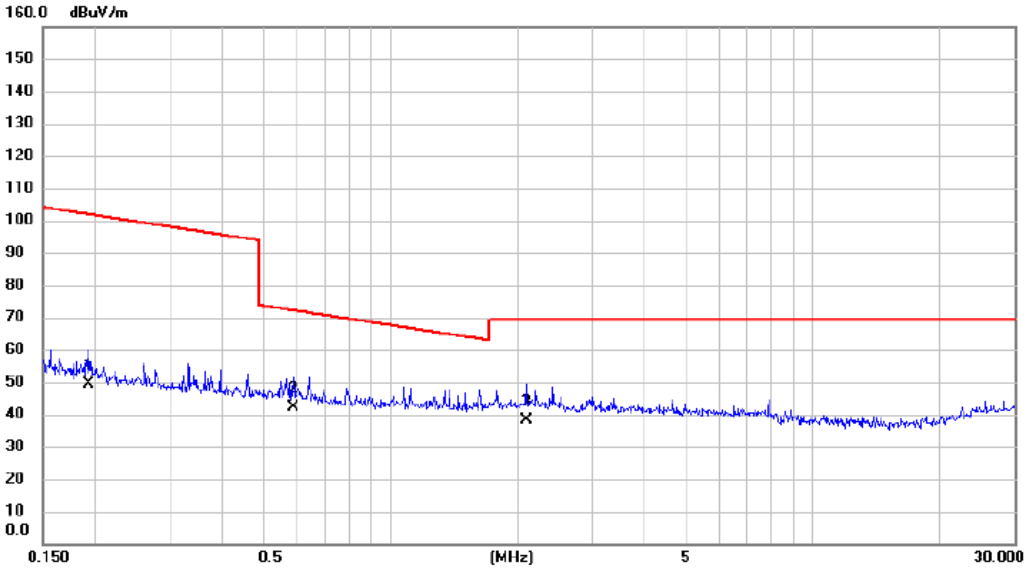
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0195	32.50	19.69	52.19	121.80	-69.61	AVG	
2		0.0404	25.70	19.01	44.71	115.48	-70.77	AVG	
3	*	0.0973	22.80	17.69	40.49	107.84	-67.35	QP	

Test Mode:	TX MODE

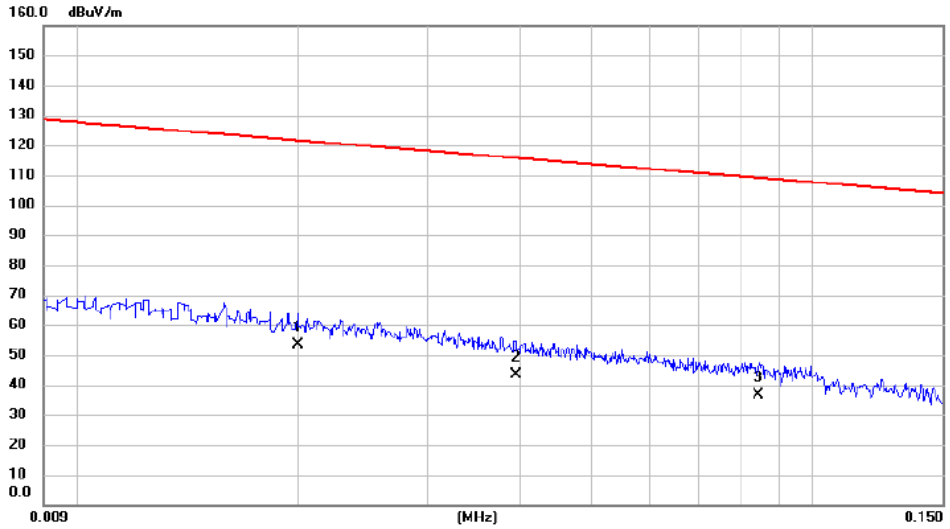
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1924	32.50	16.82	49.32	101.92	-52.60	AVG	
2	*	0.5885	25.78	16.36	42.14	72.21	-30.07	QP	
3		2.0990	22.60	15.48	38.08	69.54	-31.46	QP	

Test Mode:	TX MODE

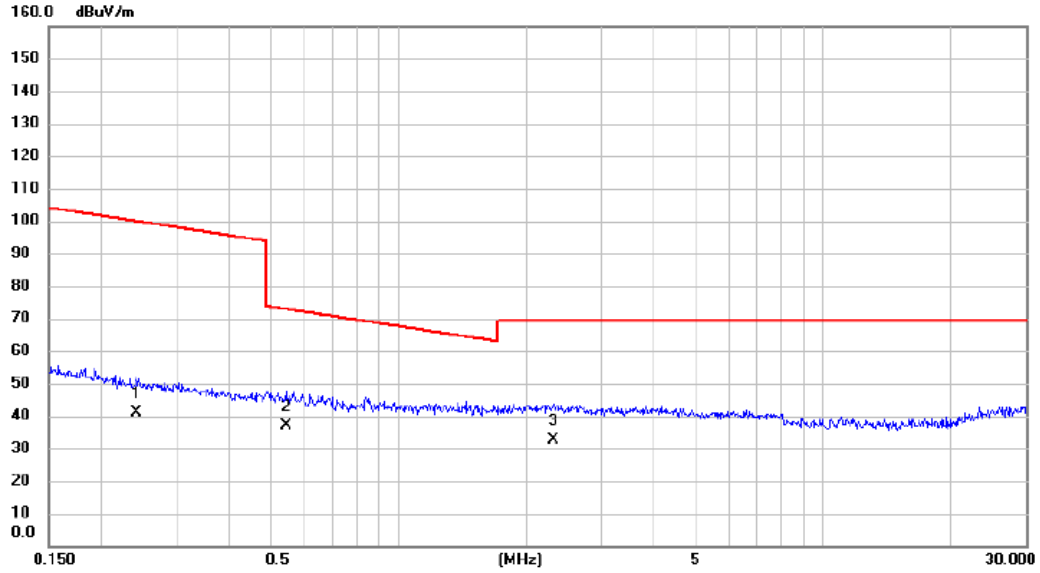
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0200	33.70	19.62	53.32	121.58	-68.26	AVG	
2		0.0395	24.20	19.04	43.24	115.67	-72.43	AVG	
3		0.0844	18.50	18.00	36.50	109.08	-72.58	AVG	

Test Mode:	TX MODE

Ant 90°

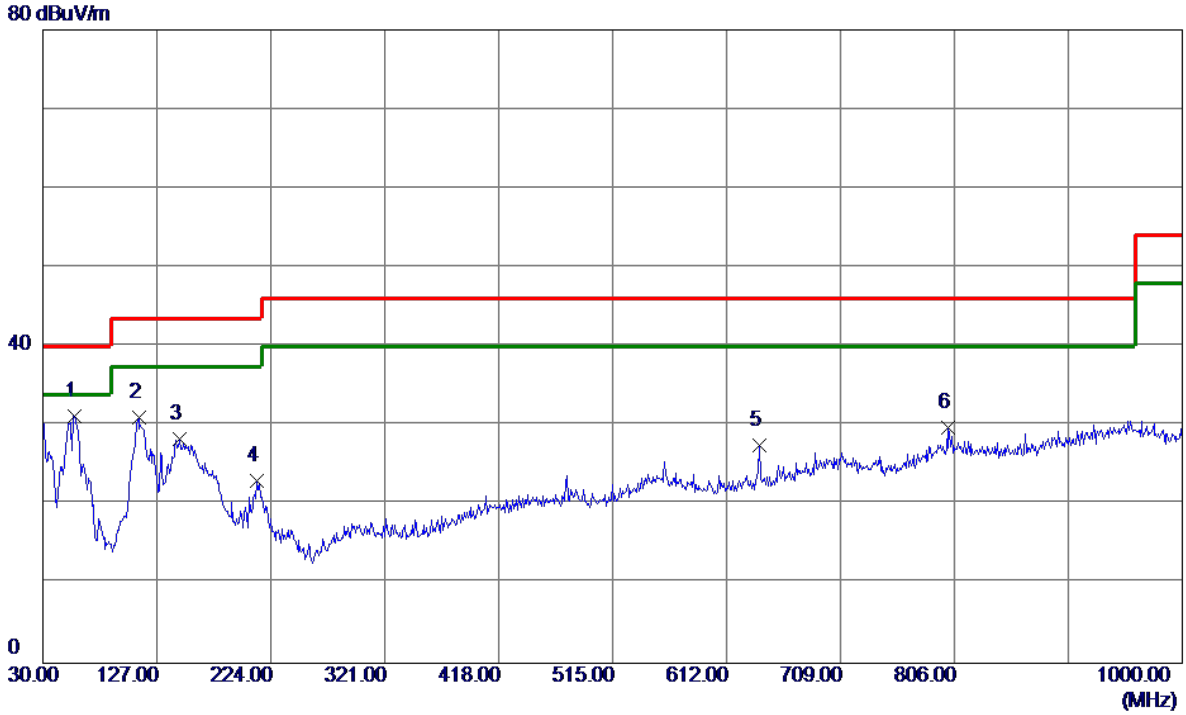


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2416	24.30	16.69	40.99	99.94	-58.95	AVG	
2	*	0.5435	20.60	16.42	37.02	72.90	-35.88	QP	
3		2.3090	17.30	15.43	32.73	69.54	-36.81	QP	

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

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

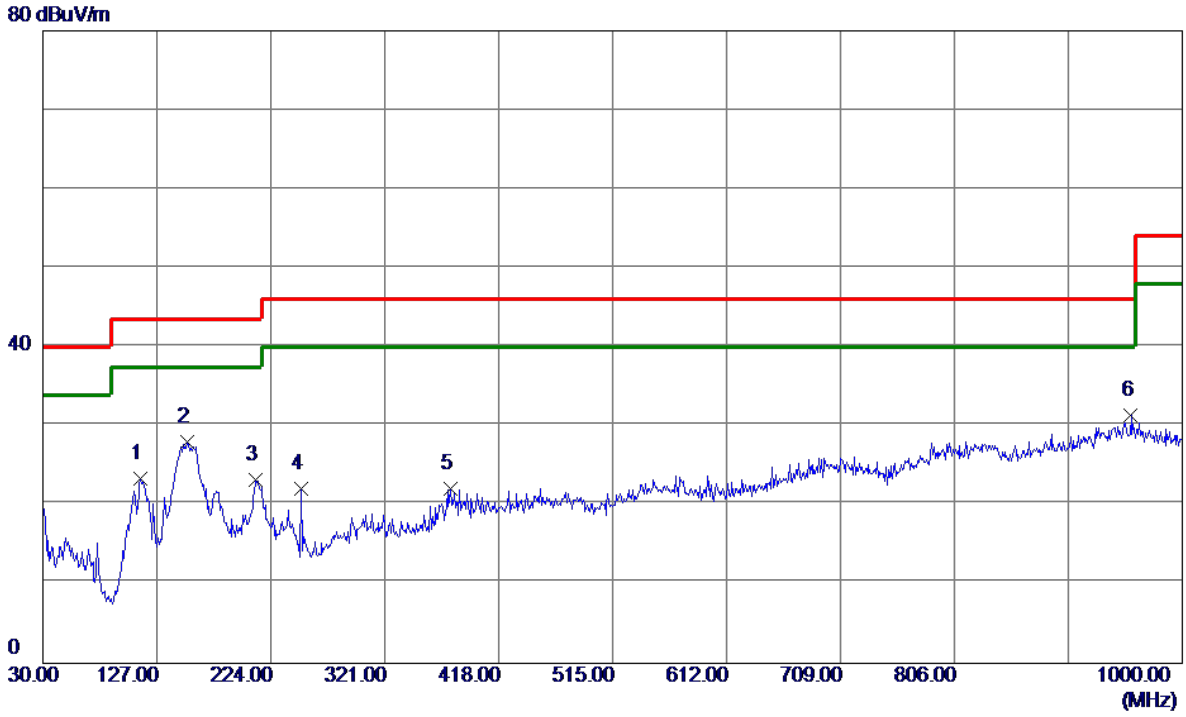
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	57.1600	46.97	-15.73	31.24	40.00	-8.76	Peak	
2	111.4800	47.72	-16.67	31.05	43.50	-12.45	Peak	
3	146.4000	40.73	-12.39	28.34	43.50	-15.16	Peak	
4	212.3600	38.92	-15.88	23.04	43.50	-20.46	Peak	
5	640.1300	33.57	-6.07	27.50	46.00	-18.50	Peak	
6	800.1800	31.35	-1.62	29.73	46.00	-16.27	Peak	

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

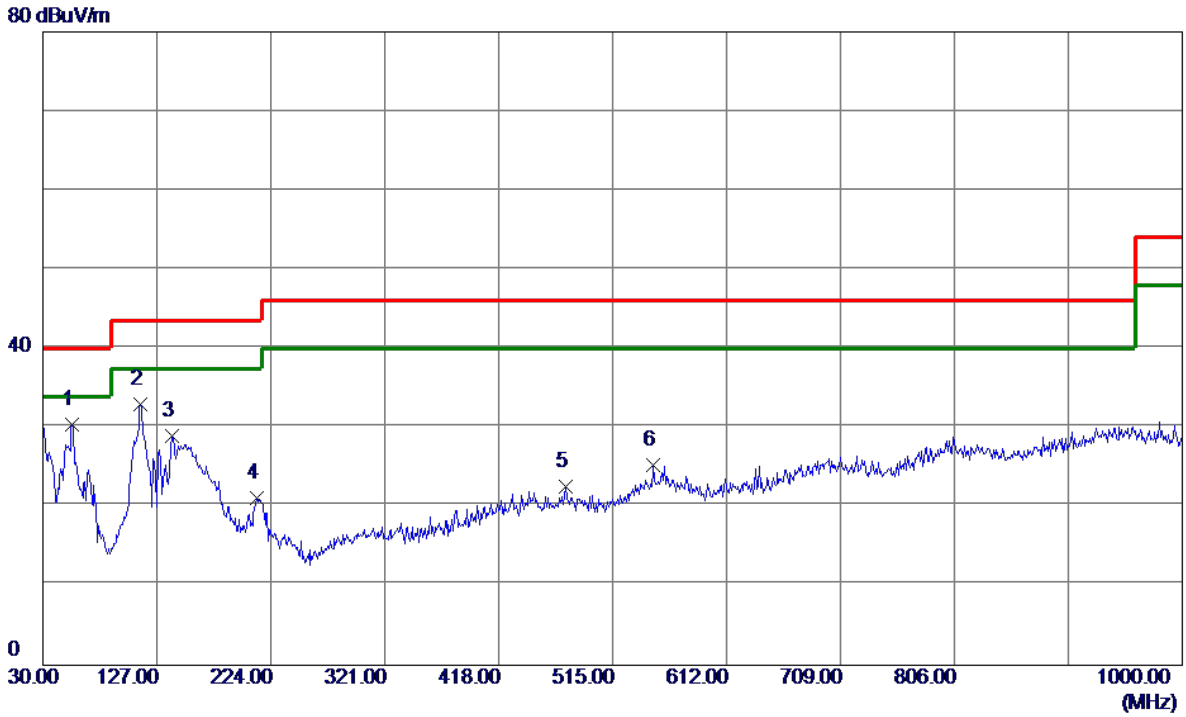
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	113.4200	39.66	-16.37	23.29	43.50	-20.21	Peak	
2	153.1900	39.85	-11.90	27.95	43.50	-15.55	Peak	
3	211.3900	39.11	-15.91	23.20	43.50	-20.30	Peak	
4	250.1900	37.03	-15.02	22.01	46.00	-23.99	Peak	
5	377.2600	33.03	-10.88	22.15	46.00	-23.85	Peak	
6 *	956.3500	30.53	0.78	31.31	46.00	-14.69	Peak	

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

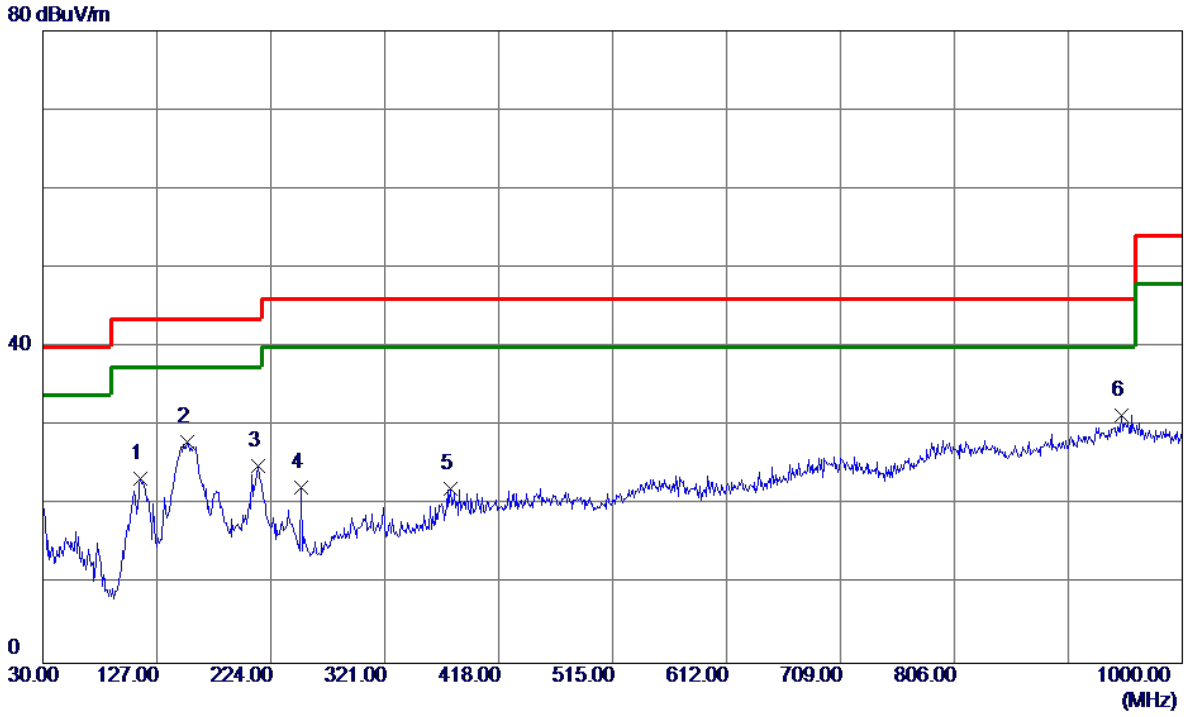
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	55.2200	45.92	-15.47	30.45	40.00	-9.55	Peak	
2	113.4200	49.28	-16.37	32.91	43.50	-10.59	Peak	
3	139.6100	41.73	-12.81	28.92	43.50	-14.58	Peak	
4	212.3600	36.95	-15.88	21.07	43.50	-22.43	Peak	
5	475.2300	31.27	-8.67	22.60	46.00	-23.40	Peak	
6	549.9200	31.47	-6.16	25.31	46.00	-20.69	Peak	

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

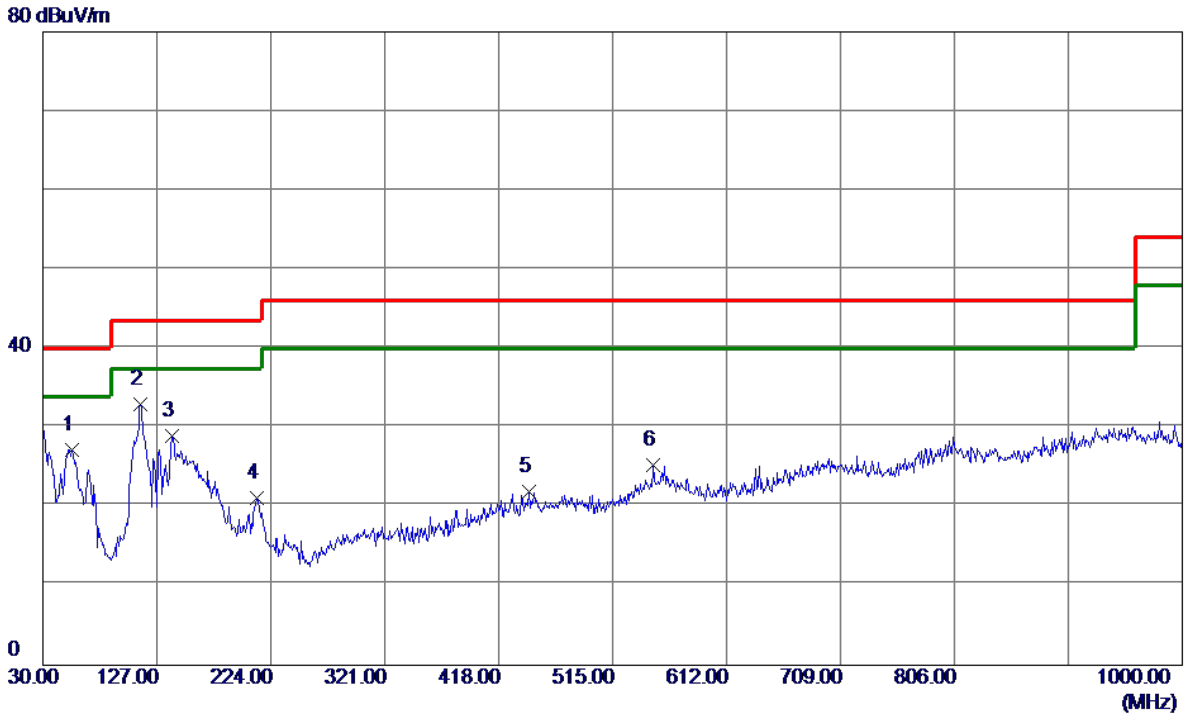
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	113.4200	39.66	-16.37	23.29	43.50	-20.21	Peak	
2	153.1900	39.85	-11.90	27.95	43.50	-15.55	Peak	
3	213.3300	40.77	-15.84	24.93	43.50	-18.57	Peak	
4	250.1900	37.20	-15.02	22.18	46.00	-23.82	Peak	
5	377.2600	33.03	-10.88	22.15	46.00	-23.85	Peak	
6 *	948.5900	30.50	0.87	31.37	46.00	-14.63	Peak	

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

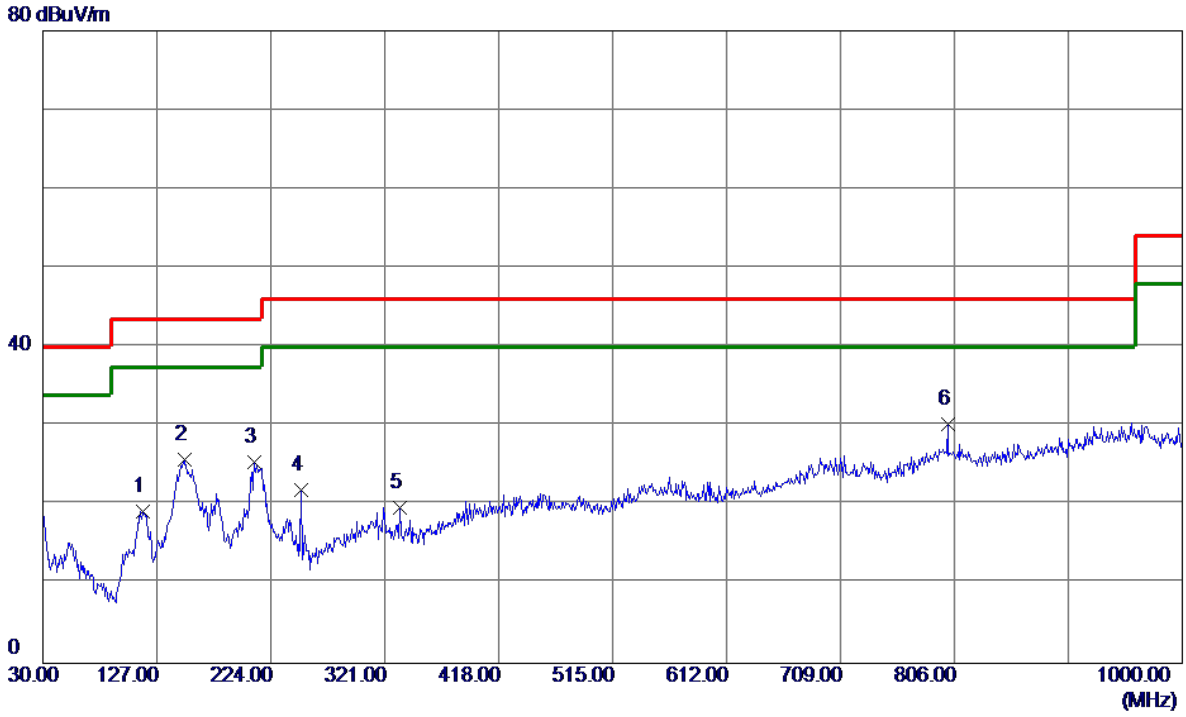
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	55.2200	42.62	-15.47	27.15	40.00	-12.85	Peak	
2 *	113.4200	49.28	-16.37	32.91	43.50	-10.59	Peak	
3	139.6100	41.73	-12.81	28.92	43.50	-14.58	Peak	
4	212.3600	36.95	-15.88	21.07	43.50	-22.43	Peak	
5	444.1900	30.31	-8.34	21.97	46.00	-24.03	Peak	
6	549.9200	31.47	-6.16	25.31	46.00	-20.69	Peak	

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

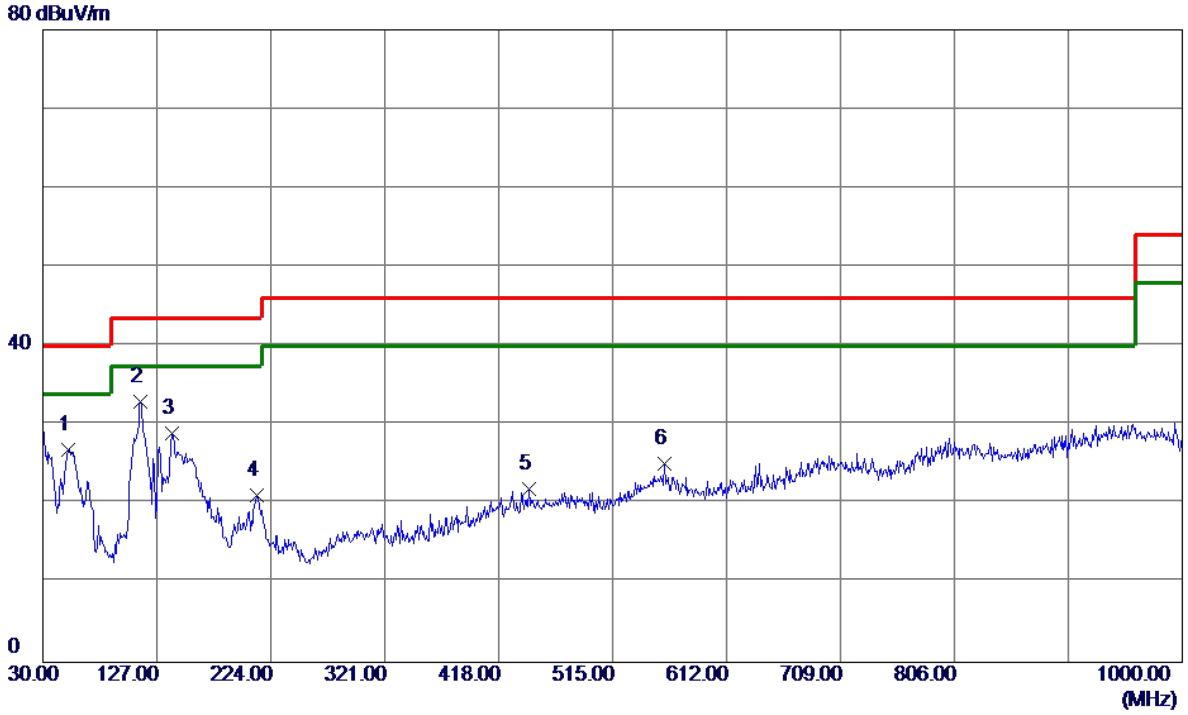
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	115.3600	35.30	-16.06	19.24	43.50	-24.26	Peak	
2	150.2800	37.90	-12.16	25.74	43.50	-17.76	Peak	
3	210.4200	41.38	-15.95	25.43	43.50	-18.07	Peak	
4	250.1900	36.96	-15.02	21.94	46.00	-24.06	Peak	
5	333.6099	31.22	-11.59	19.63	46.00	-26.37	Peak	
6 *	800.1800	31.86	-1.62	30.24	46.00	-15.76	Peak	

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

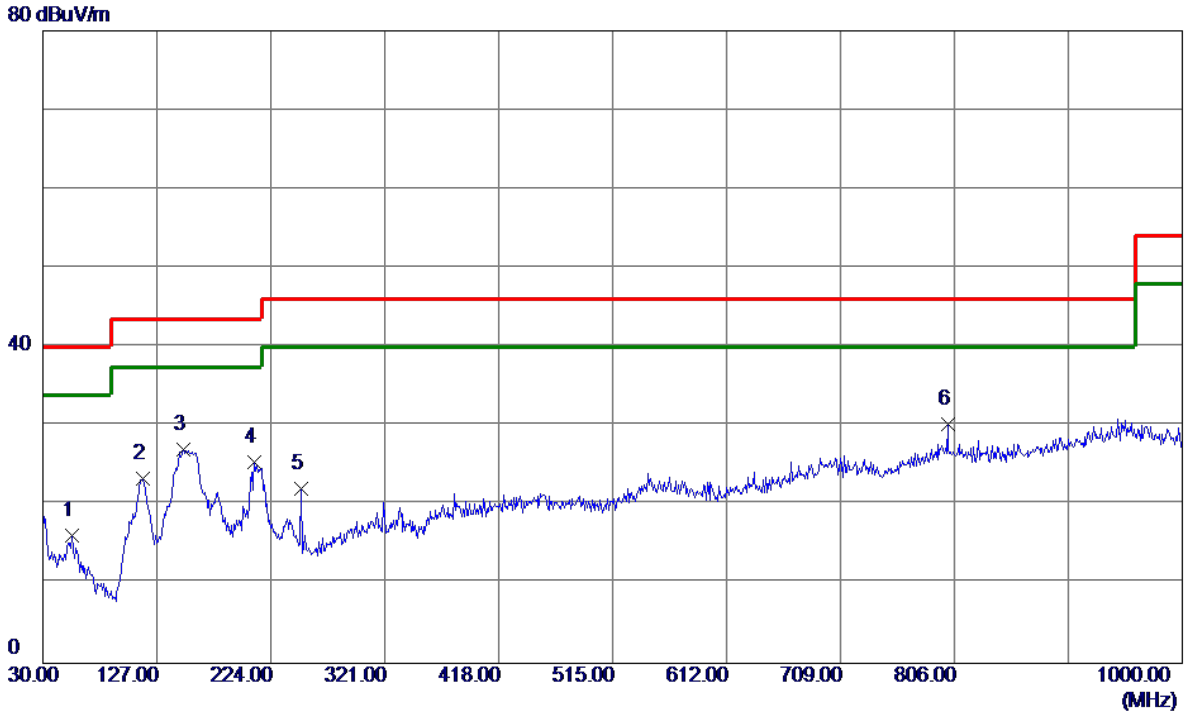
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	51.3400	42.18	-15.31	26.87	40.00	-13.13	Peak	
2 *	113.4200	49.28	-16.37	32.91	43.50	-10.59	Peak	
3	139.6100	41.73	-12.81	28.92	43.50	-14.58	Peak	
4	212.3600	36.95	-15.88	21.07	43.50	-22.43	Peak	
5	444.1900	30.31	-8.34	21.97	46.00	-24.03	Peak	
6	559.6200	31.42	-6.31	25.11	46.00	-20.89	Peak	

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

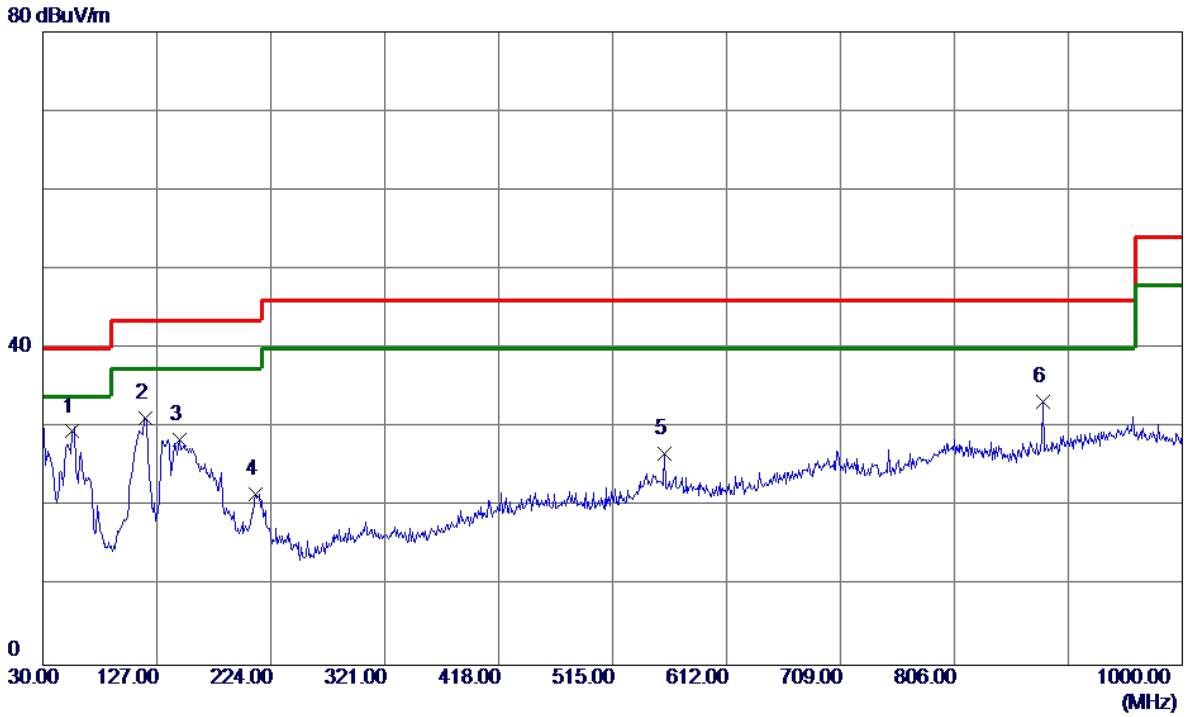
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	55.2200	31.61	-15.47	16.14	40.00	-23.86	Peak	
2	115.3600	39.44	-16.06	23.38	43.50	-20.12	Peak	
3	149.3100	39.26	-12.22	27.04	43.50	-16.46	Peak	
4	210.4200	41.38	-15.95	25.43	43.50	-18.07	Peak	
5	250.1900	37.11	-15.02	22.09	46.00	-23.91	Peak	
6 *	800.1800	31.86	-1.62	30.24	46.00	-15.76	Peak	

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

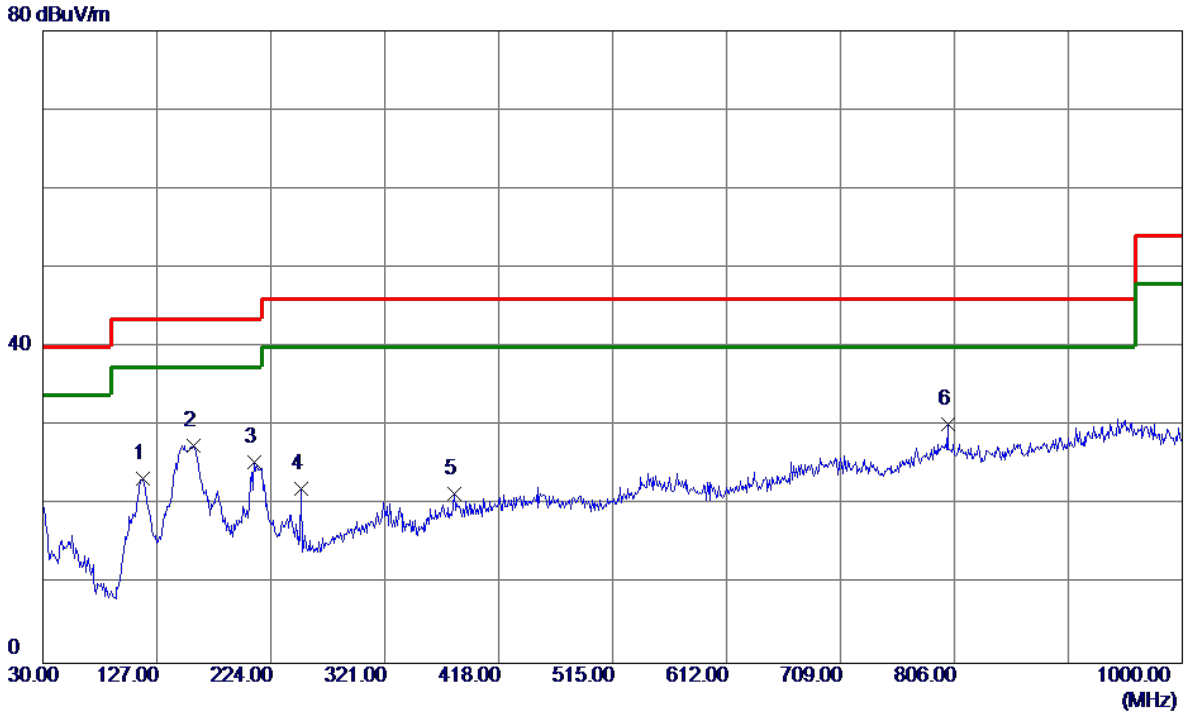
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	55.2200	44.99	-15.47	29.52	40.00	-10.48	Peak	
2	117.3000	47.02	-15.75	31.27	43.50	-12.23	Peak	
3	146.4000	40.87	-12.39	28.48	43.50	-15.02	Peak	
4	211.3900	37.51	-15.91	21.60	43.50	-21.90	Peak	
5	559.6200	33.07	-6.31	26.76	46.00	-19.24	Peak	
6	881.6600	34.79	-1.57	33.22	46.00	-12.78	Peak	

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

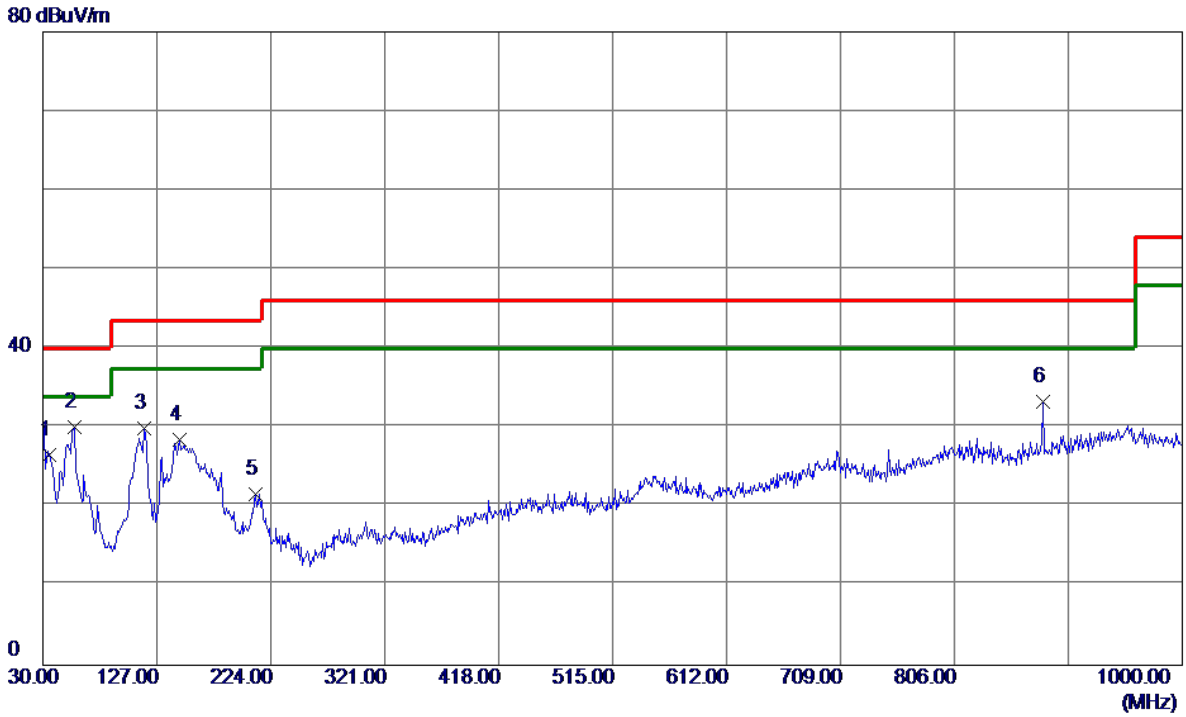
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	115.3600	39.44	-16.06	23.38	43.50	-20.12	Peak	
2	158.0399	39.06	-11.47	27.59	43.50	-15.91	Peak	
3	210.4200	41.38	-15.95	25.43	43.50	-18.07	Peak	
4	250.1900	37.11	-15.02	22.09	46.00	-23.91	Peak	
5	380.1700	32.19	-10.78	21.41	46.00	-24.59	Peak	
6 *	800.1800	31.86	-1.62	30.24	46.00	-15.76	Peak	

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

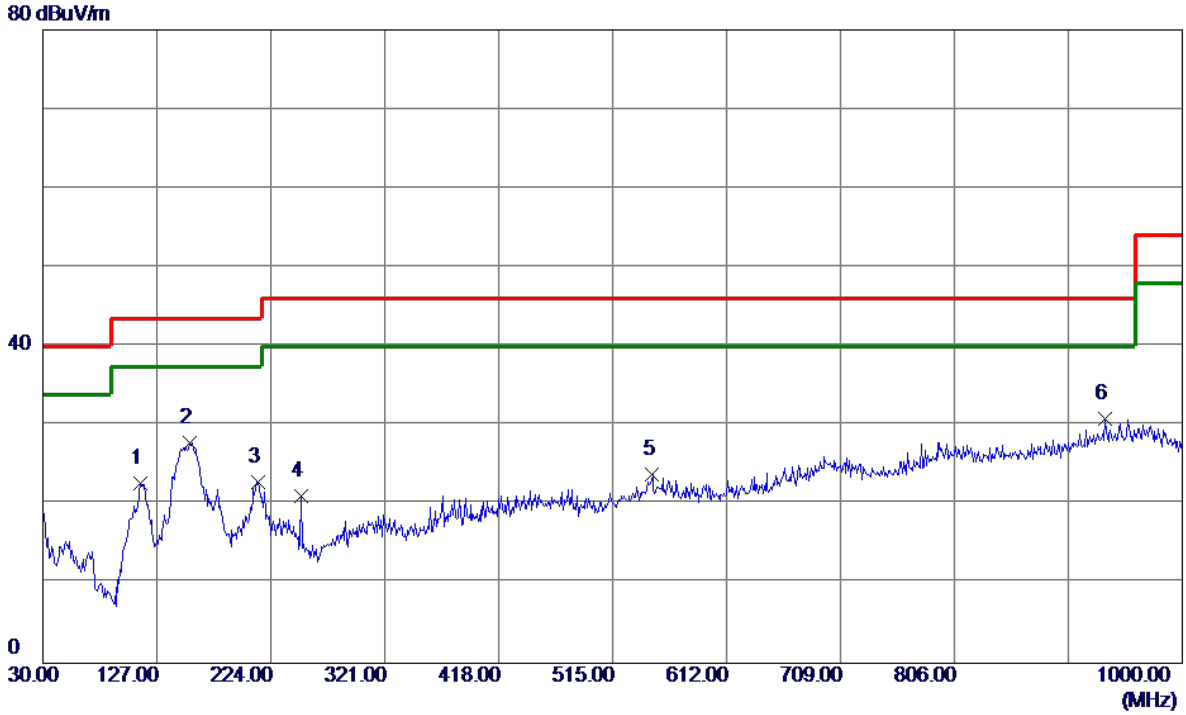
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	41.85	-15.35	26.50	40.00	-13.50	Peak	
2 *	57.1600	45.76	-15.73	30.03	40.00	-9.97	Peak	
3	116.3300	45.78	-15.91	29.87	43.50	-13.63	Peak	
4	146.4000	40.87	-12.39	28.48	43.50	-15.02	Peak	
5	211.3900	37.51	-15.91	21.60	43.50	-21.90	Peak	
6	881.6600	34.79	-1.57	33.22	46.00	-12.78	Peak	

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

Horizontal

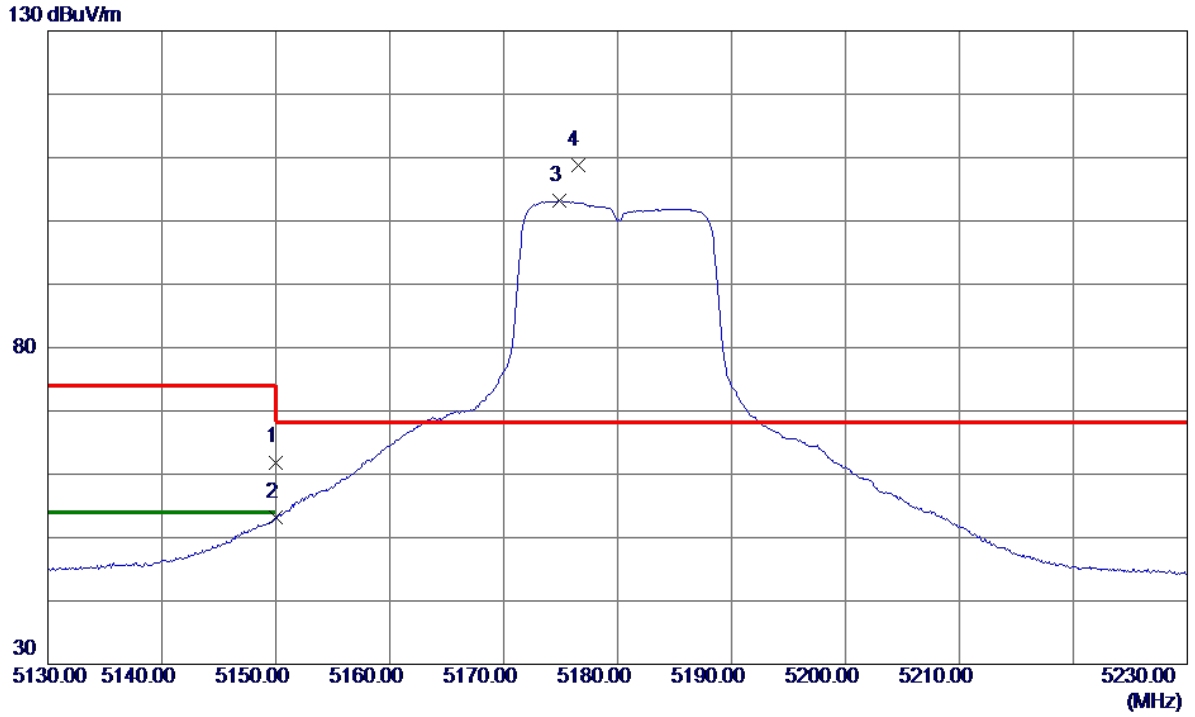


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	113.4200	39.12	-16.37	22.75	43.50	-20.75	Peak	
2	155.1300	39.61	-11.73	27.88	43.50	-15.62	Peak	
3	213.3300	38.77	-15.84	22.93	43.50	-20.57	Peak	
4	250.1900	36.21	-15.02	21.19	46.00	-24.81	Peak	
5	548.9500	30.07	-6.22	23.85	46.00	-22.15	Peak	
6 *	934.0400	30.60	0.27	30.87	46.00	-15.13	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

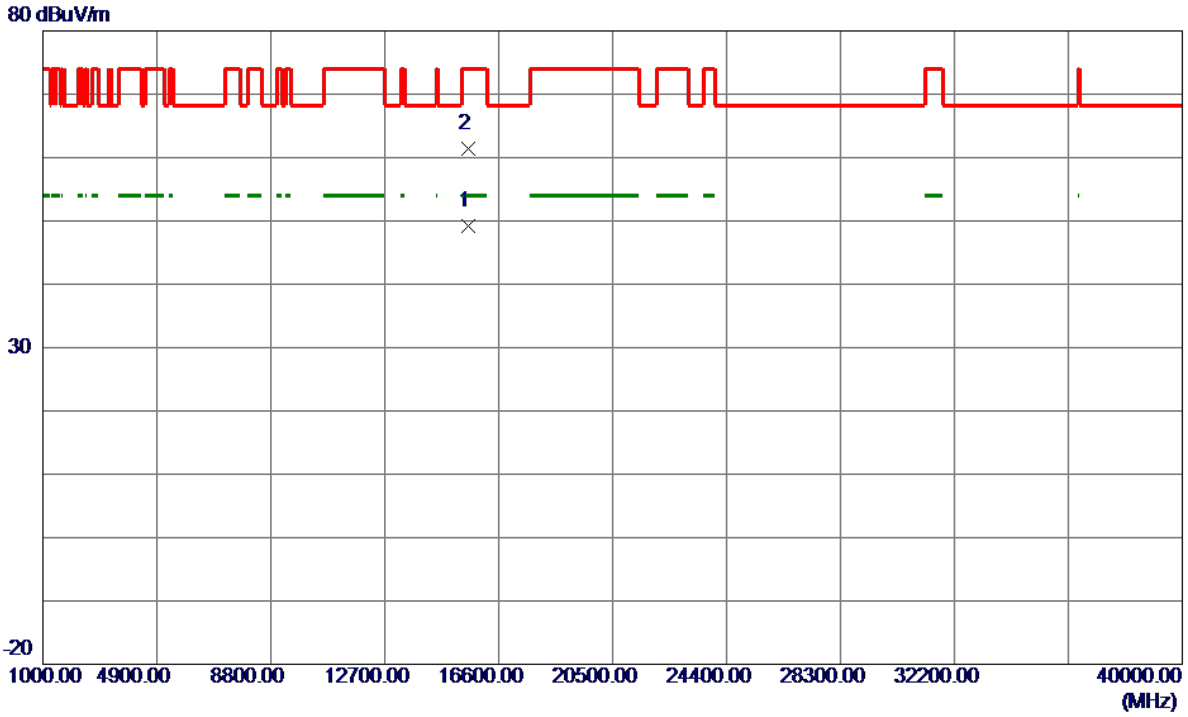
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	45.25	16.65	61.90	74.00	-12.10	Peak	
2	5150.0000	36.49	16.65	53.14	54.00	-0.86	AVG	
3	5174.9000	86.47	16.72	103.19	999.00	-895.81	AVG	No Limit
4 *	5176.5000	92.11	16.72	108.83	68.30	40.53	Peak	No Limit

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

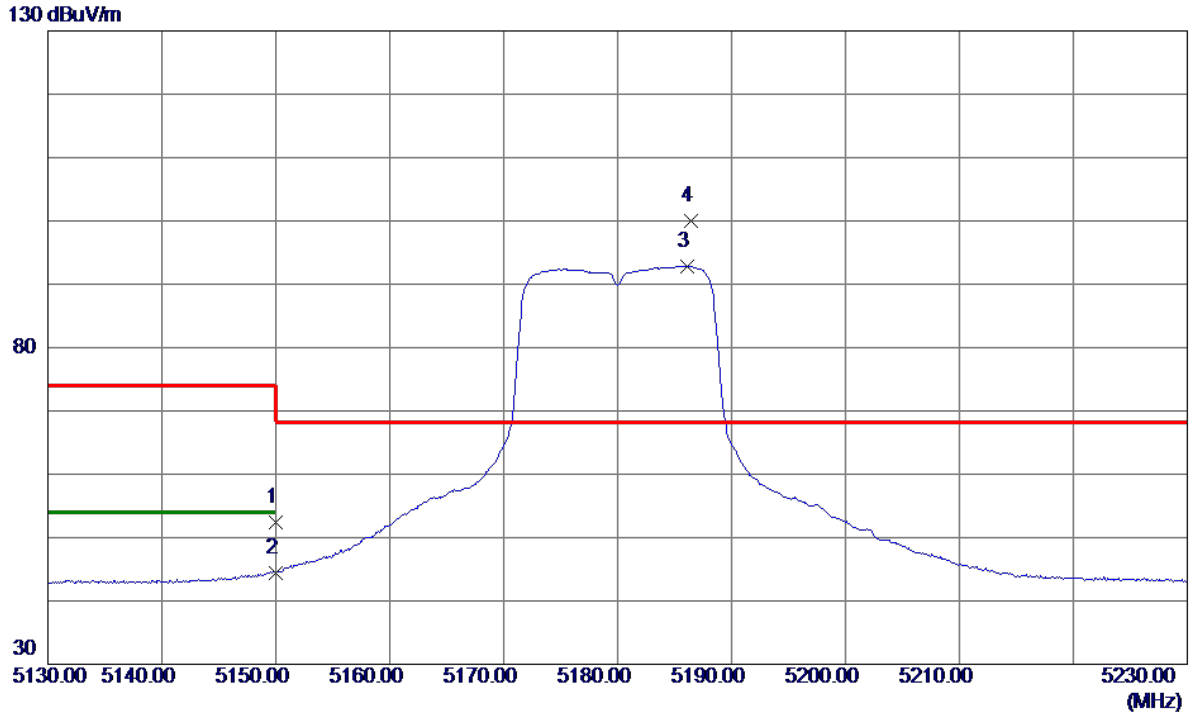
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15539.1000	30.96	18.19	49.15	54.00	-4.85	AVG	
2	15541.6000	43.13	18.18	61.31	74.00	-12.69	Peak	

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

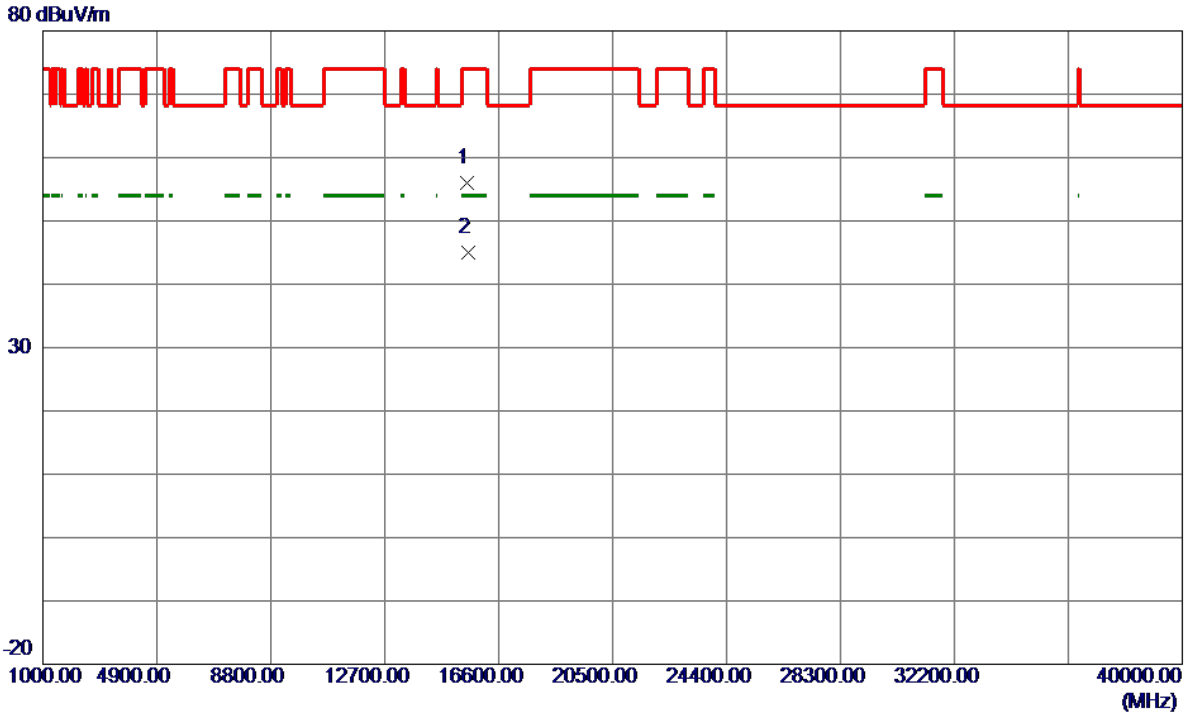
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	35.83	16.65	52.48	74.00	-21.52	Peak	
2	5150.0000	27.79	16.65	44.44	54.00	-9.56	AVG	
3	5186.1000	76.11	16.75	92.86	999.00	-906.14	AVG	No Limit
4 *	5186.4000	83.18	16.75	99.93	68.30	31.63	Peak	No Limit

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

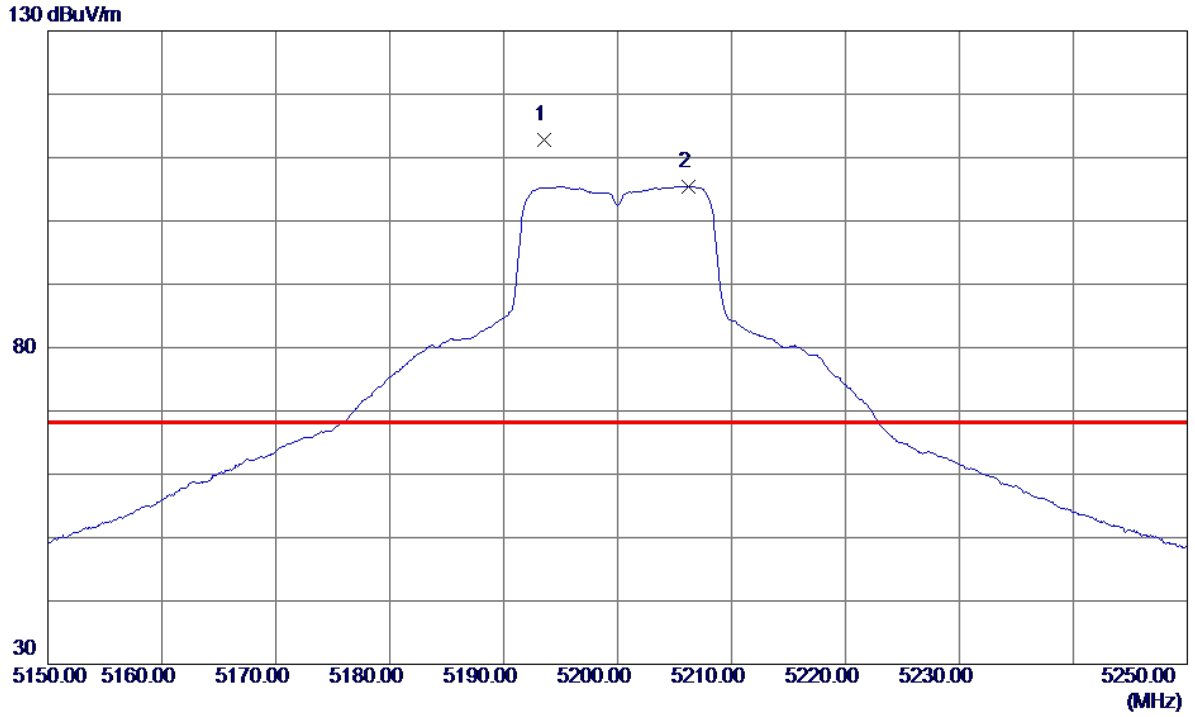
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15536.9000	37.79	18.19	55.98	74.00	-18.02	Peak	
2 *	15539.2000	26.84	18.19	45.03	54.00	-8.97	AVG	

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

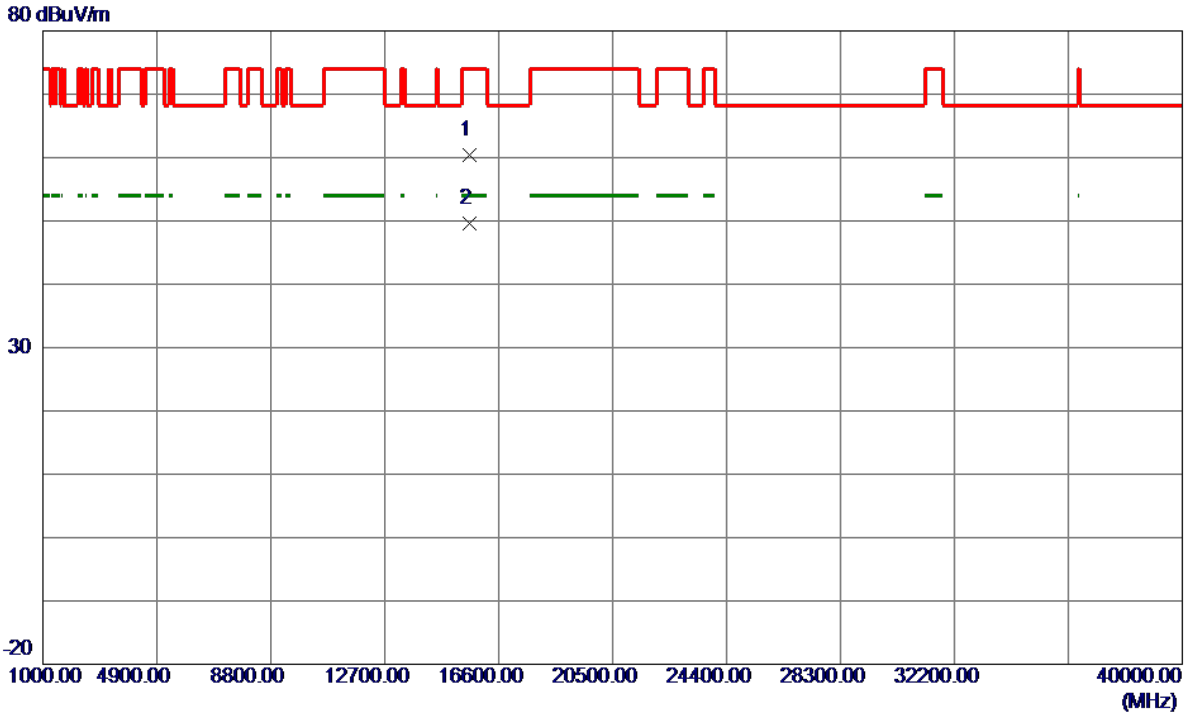
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.6000	95.94	16.77	112.71	68.30	44.41	Peak	No Limit
2	5206.2000	88.65	16.81	105.46	999.00	-893.54	AVG	No Limit

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

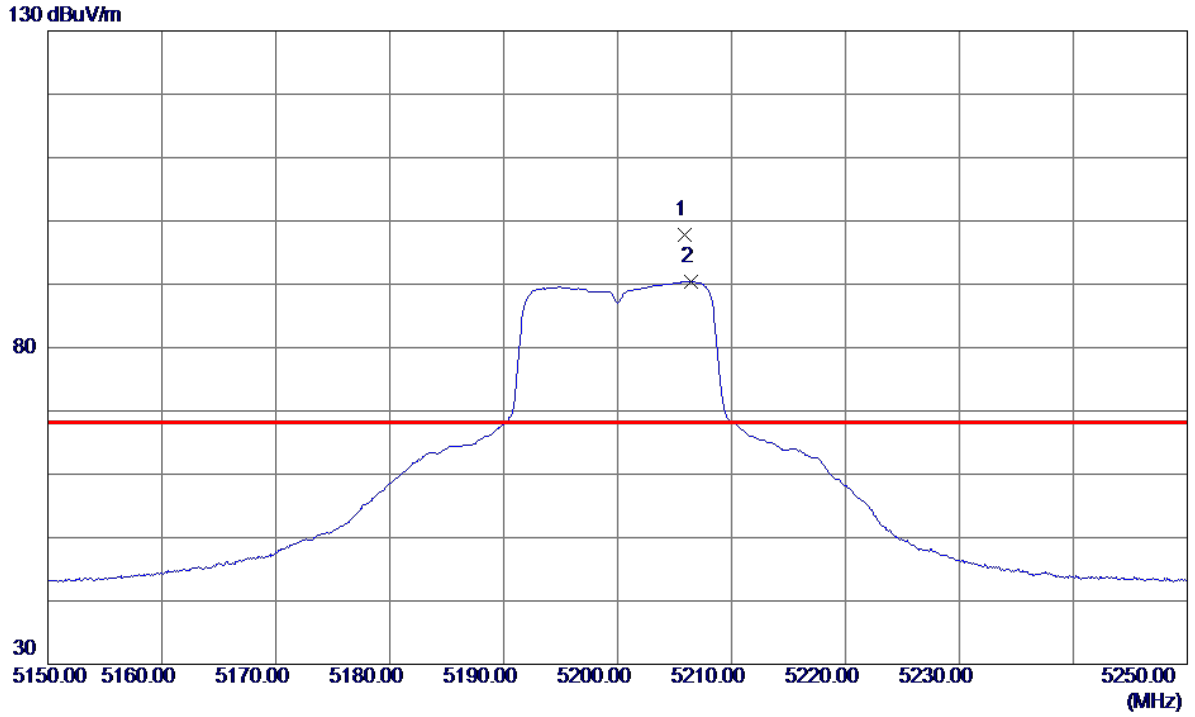
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15601.4000	42.31	18.17	60.48	74.00	-13.52	Peak	
2 *	15603.2500	31.39	18.17	49.56	54.00	-4.44	AVG	

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

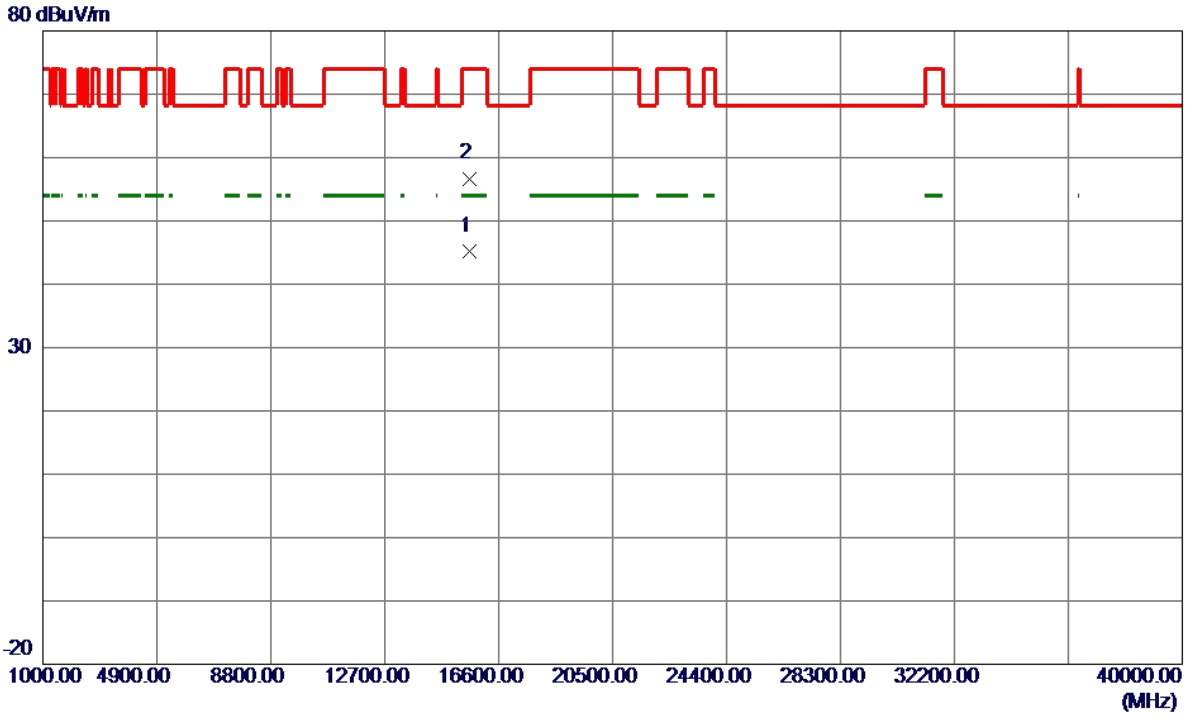
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5205.9000	81.03	16.80	97.83	68.30	29.53	Peak	No Limit
2	5206.4000	73.65	16.81	90.46	999.00	-908.54	AVG	No Limit

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

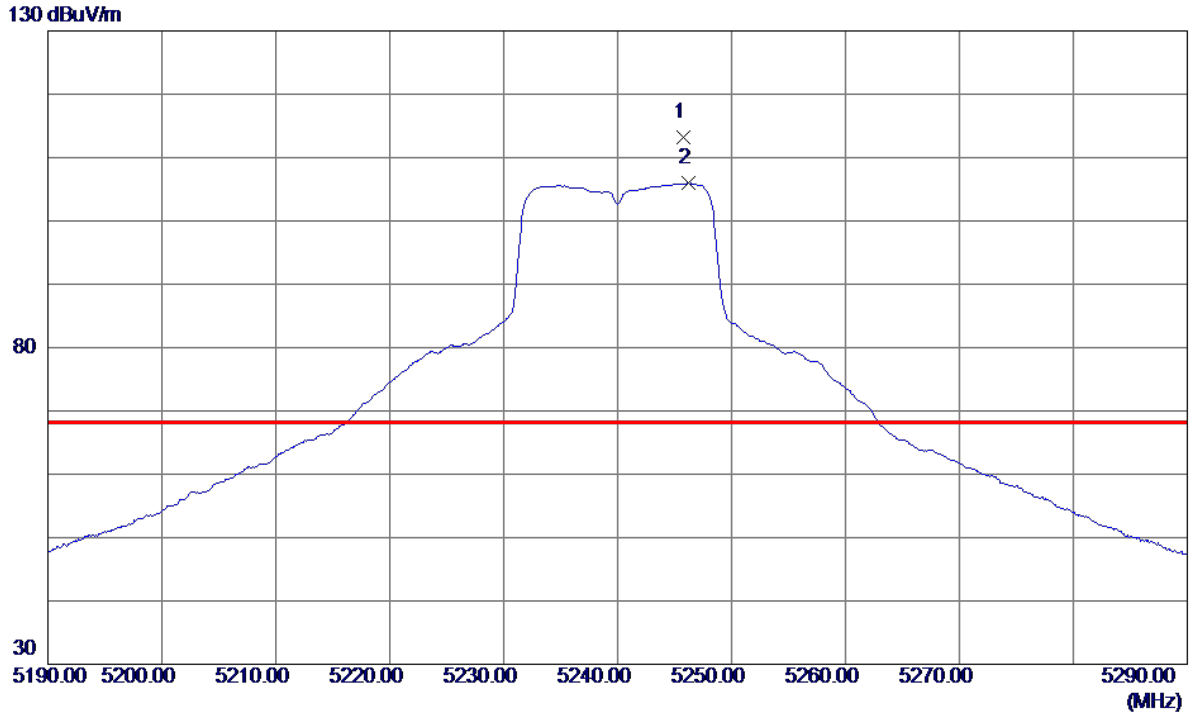
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15599.2500	26.96	18.17	45.13	54.00	-8.87	AVG	
2	15601.6500	38.53	18.17	56.70	74.00	-17.30	Peak	

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

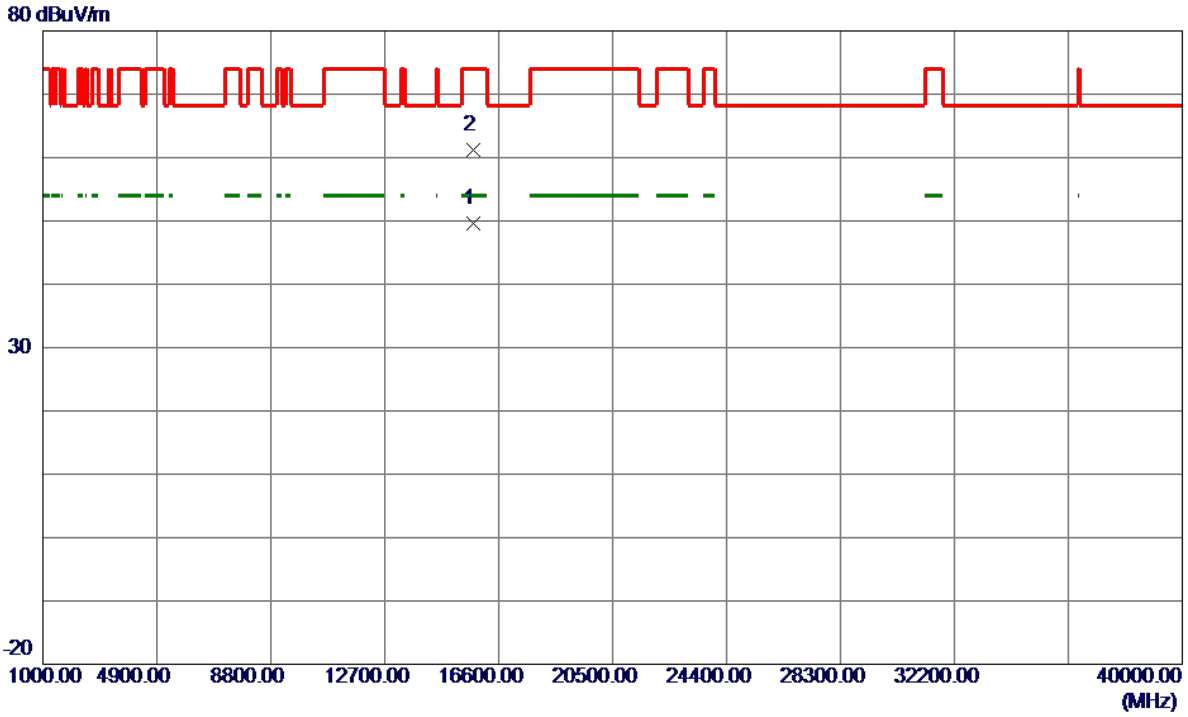
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.8000	96.33	16.92	113.25	68.30	44.95	Peak	No Limit
2	5246.2000	88.99	16.92	105.91	999.00	-893.09	AVG	No Limit

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

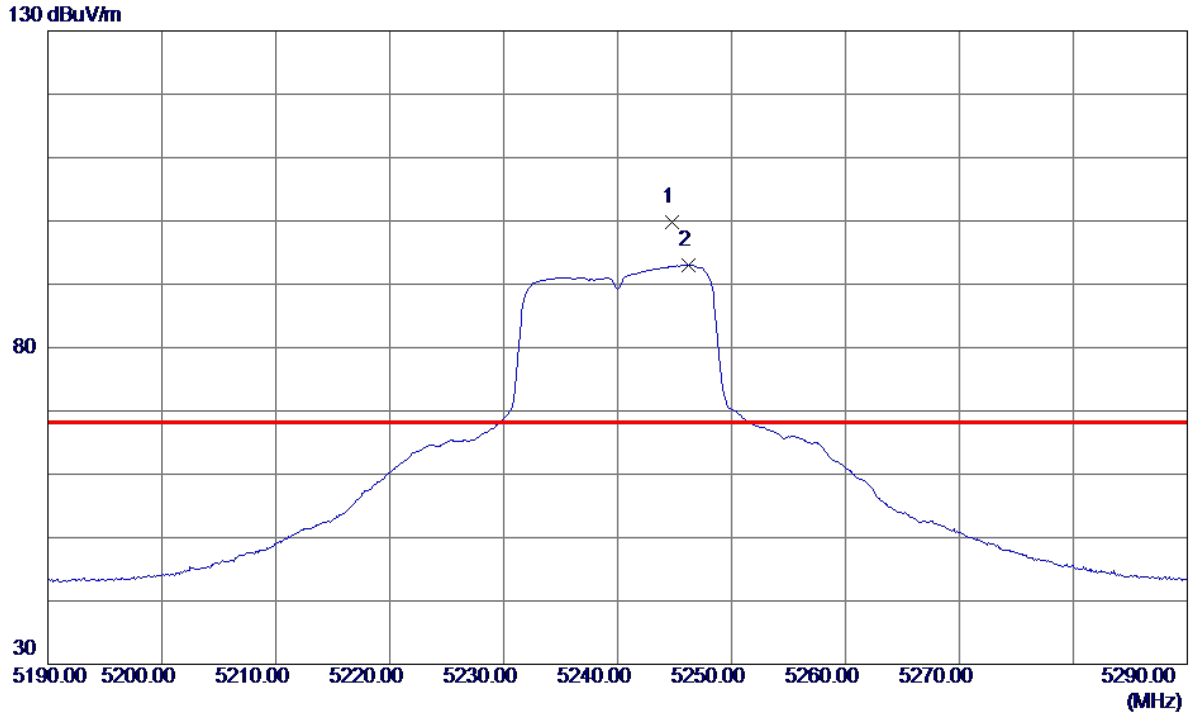
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15716.9500	31.47	18.14	49.61	54.00	-4.39	AVG	
2	15721.6500	43.04	18.14	61.18	74.00	-12.82	Peak	

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

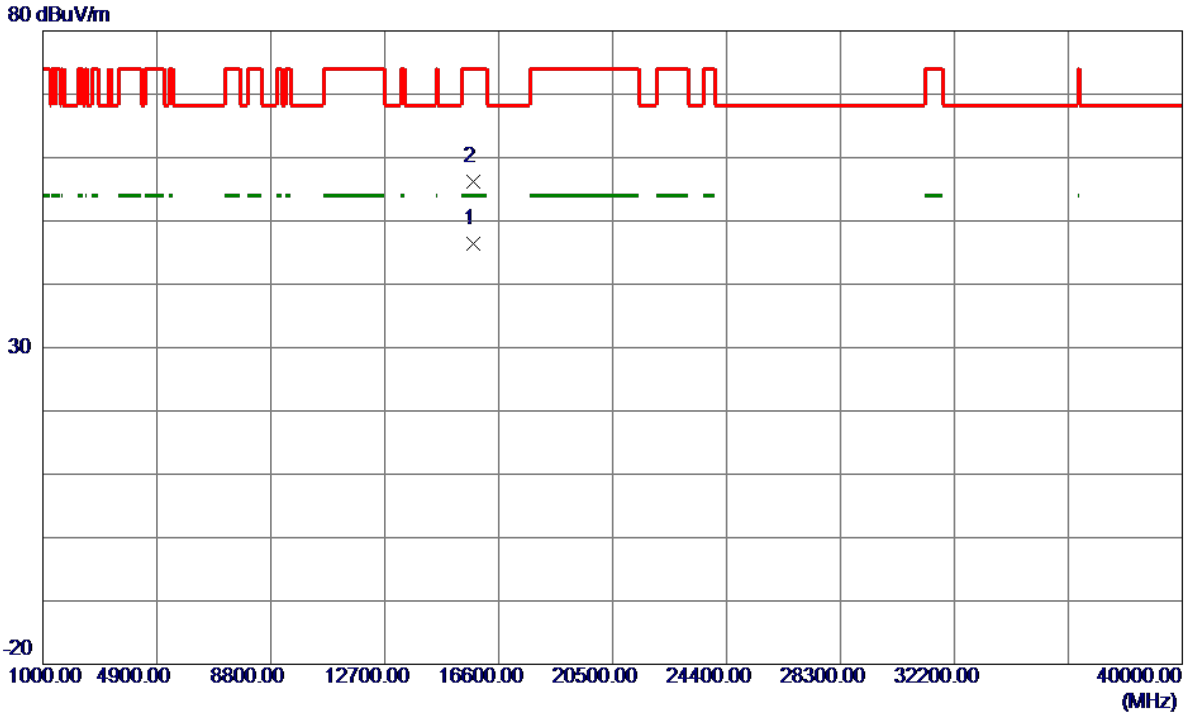
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5244.8000	82.86	16.92	99.78	68.30	31.48	Peak	No Limit
2	5246.2000	76.10	16.92	93.02	999.00	-905.98	AVG	No Limit

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

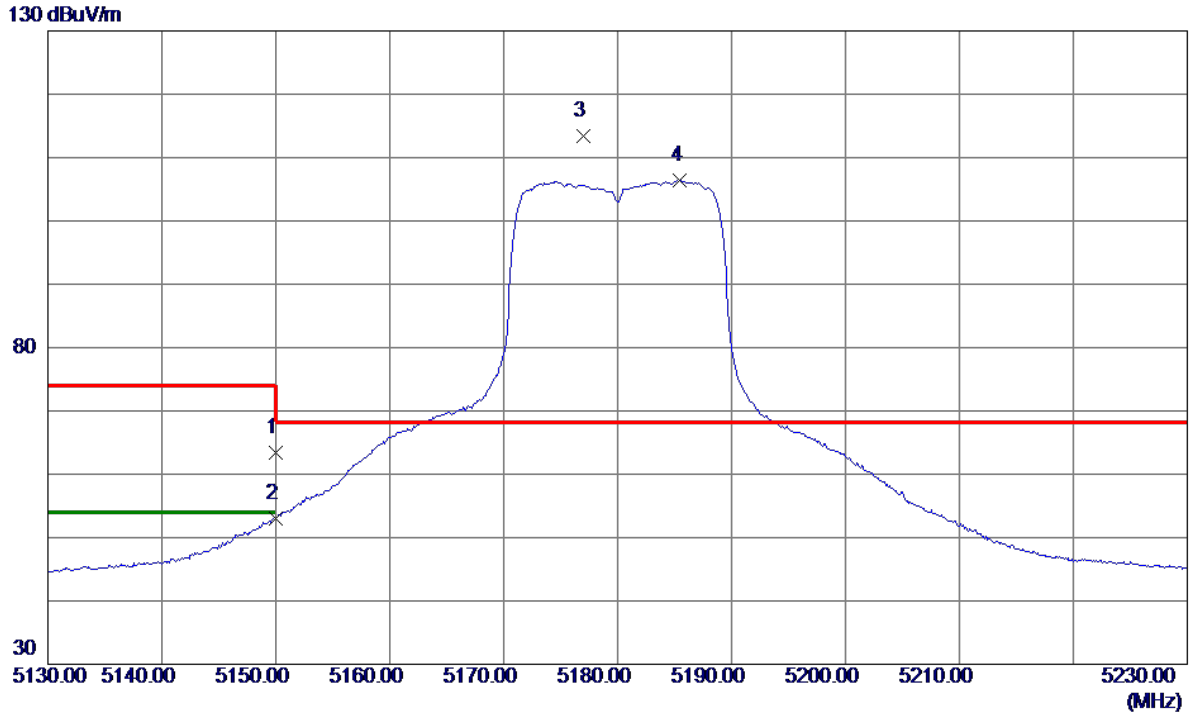
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15719.4500	28.30	18.14	46.44	54.00	-7.56	AVG	
2	15723.5500	38.08	18.14	56.22	74.00	-17.78	Peak	

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

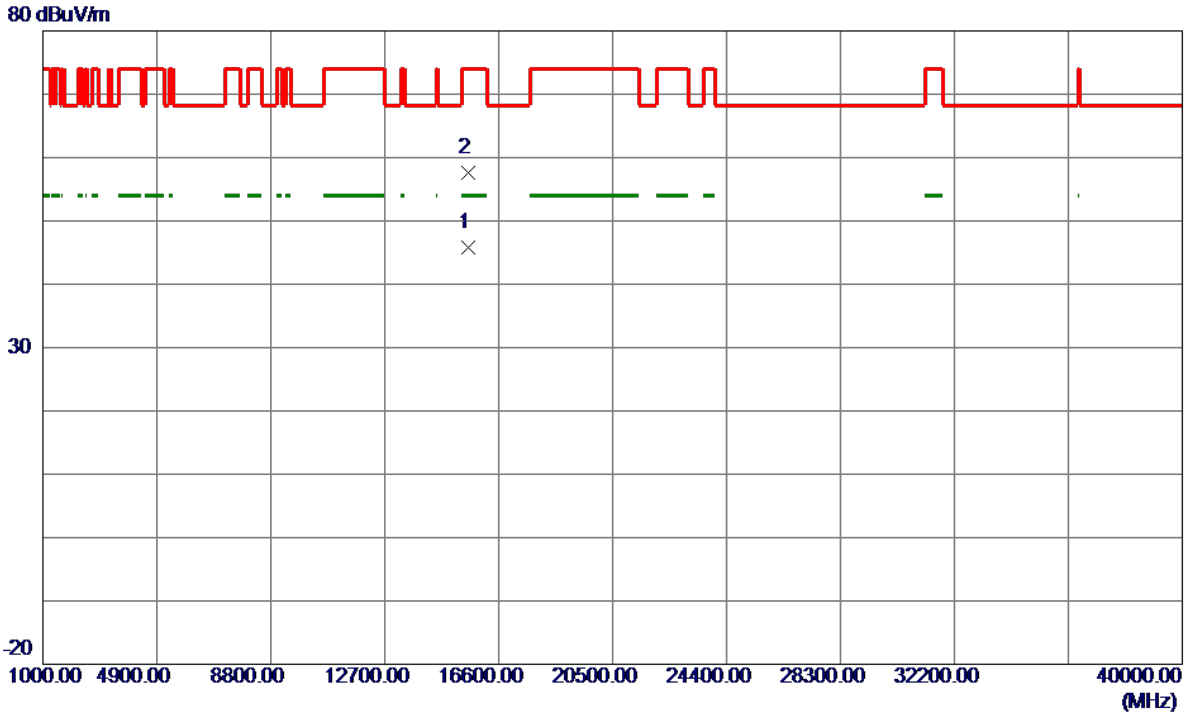
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.69	16.65	63.34	74.00	-10.66	Peak	
2	5150.0000	36.39	16.65	53.04	54.00	-0.96	AVG	
3 *	5177.0000	96.68	16.72	113.40	68.30	45.10	Peak	No Limit
4	5185.5000	89.62	16.75	106.37	999.00	-892.63	AVG	No Limit

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

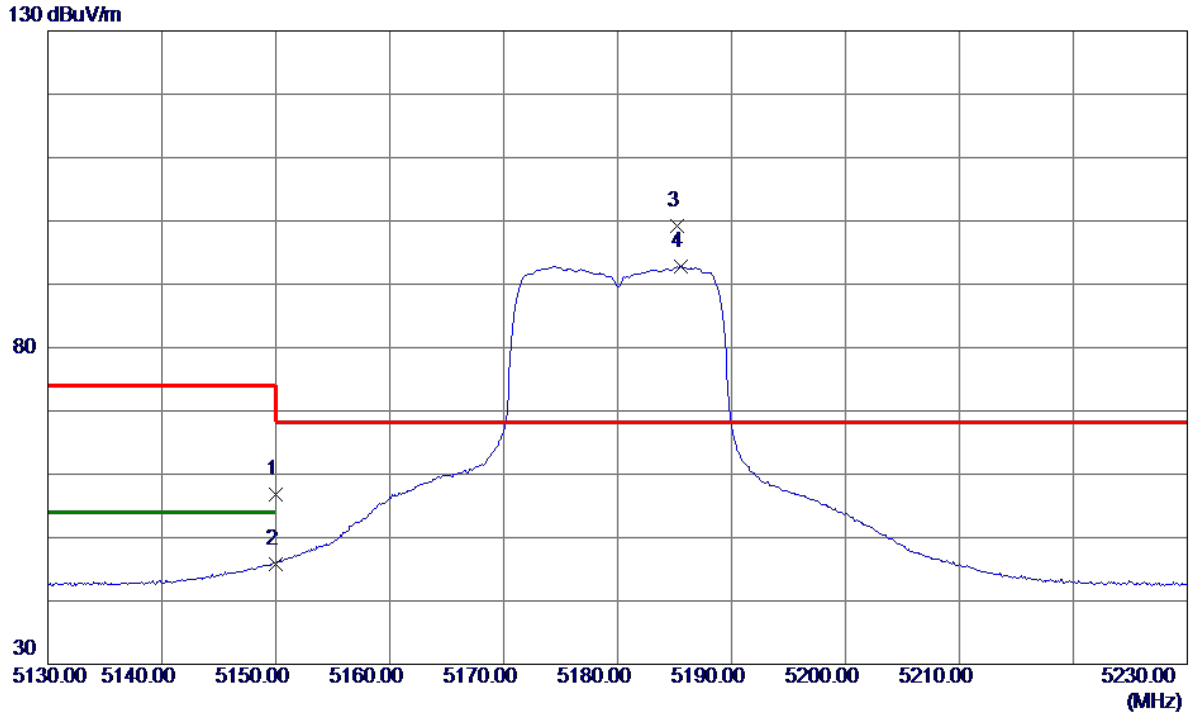
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15539.7000	27.57	18.19	45.76	54.00	-8.24	AVG	
2	15543.6000	39.33	18.18	57.51	74.00	-16.49	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	40.12	16.65	56.77	74.00	-17.23	Peak	
2	5150.0000	29.21	16.65	45.86	54.00	-8.14	AVG	
3 *	5185.2000	82.51	16.75	99.26	68.30	30.96	Peak	No Limit
4	5185.6000	75.99	16.75	92.74	999.00	-906.26	AVG	No Limit

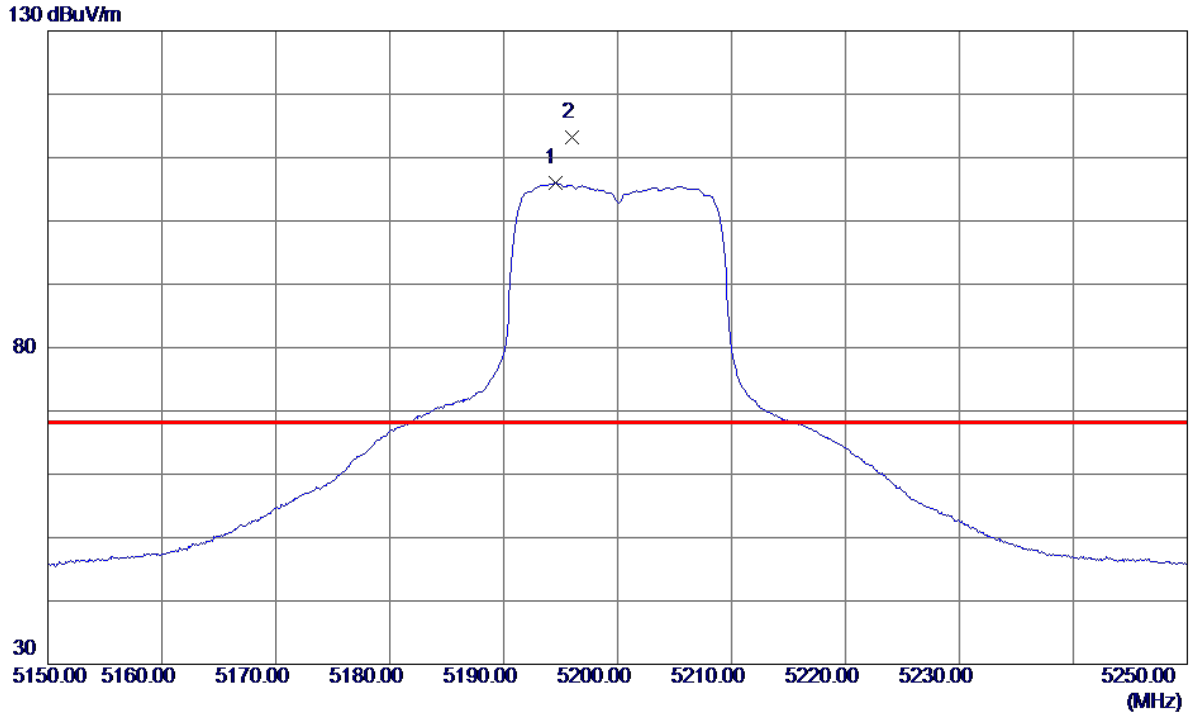
Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15538.7500	33.67	18.19	51.86	74.00	-22.14	Peak	
2 *	15540.6000	23.78	18.18	41.96	54.00	-12.04	AVG	

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

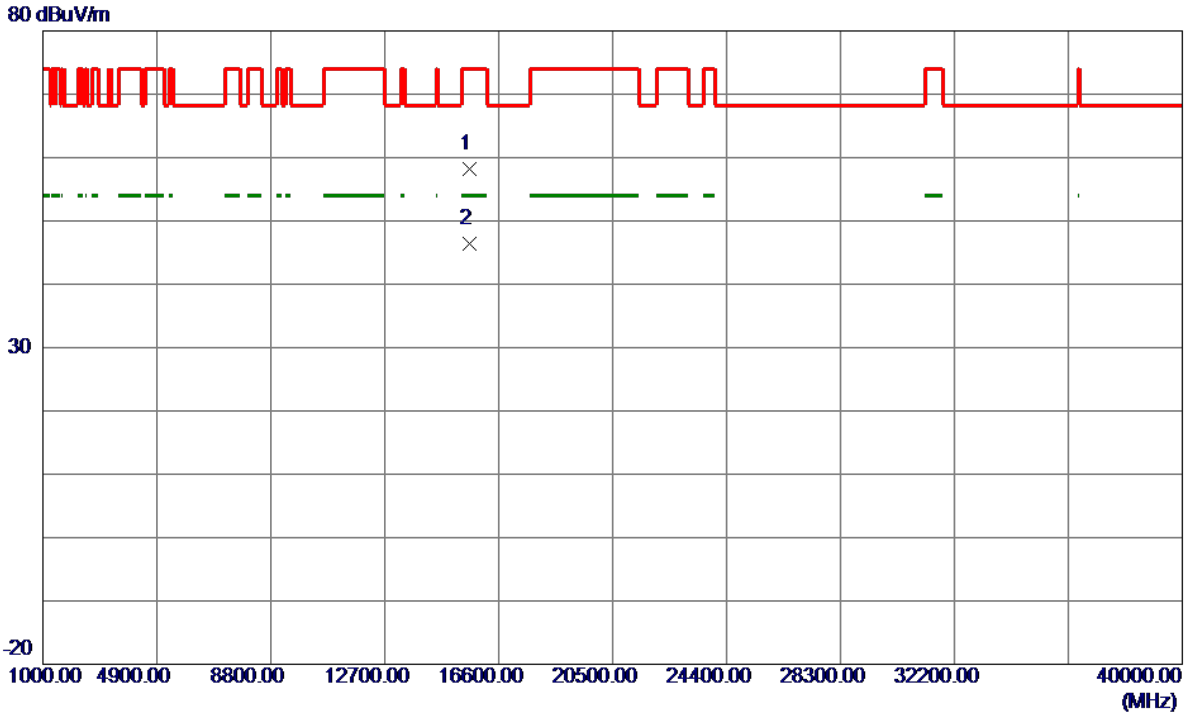
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5194.5000	89.20	16.77	105.97	999.00	-893.03	AVG	No Limit
2 *	5196.0000	96.51	16.78	113.29	68.30	44.99	Peak	No Limit

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

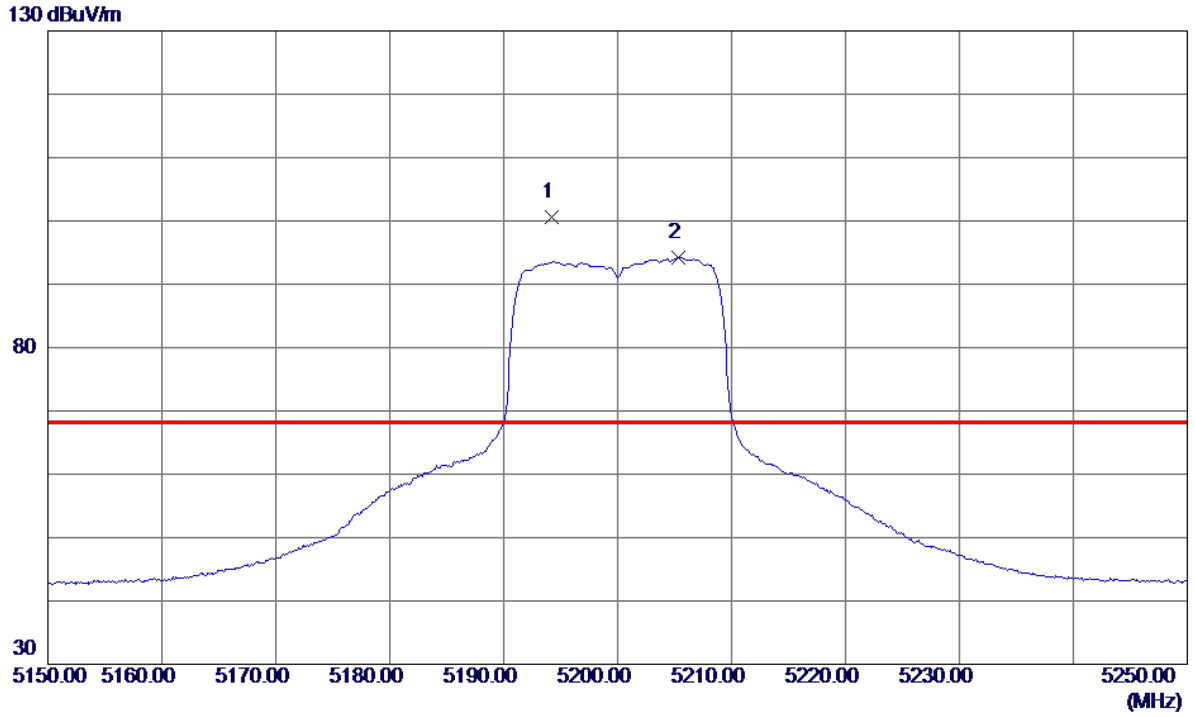
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15601.0000	40.01	18.17	58.18	74.00	-15.82	Peak	
2 *	15603.5500	28.16	18.17	46.33	54.00	-7.67	AVG	

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

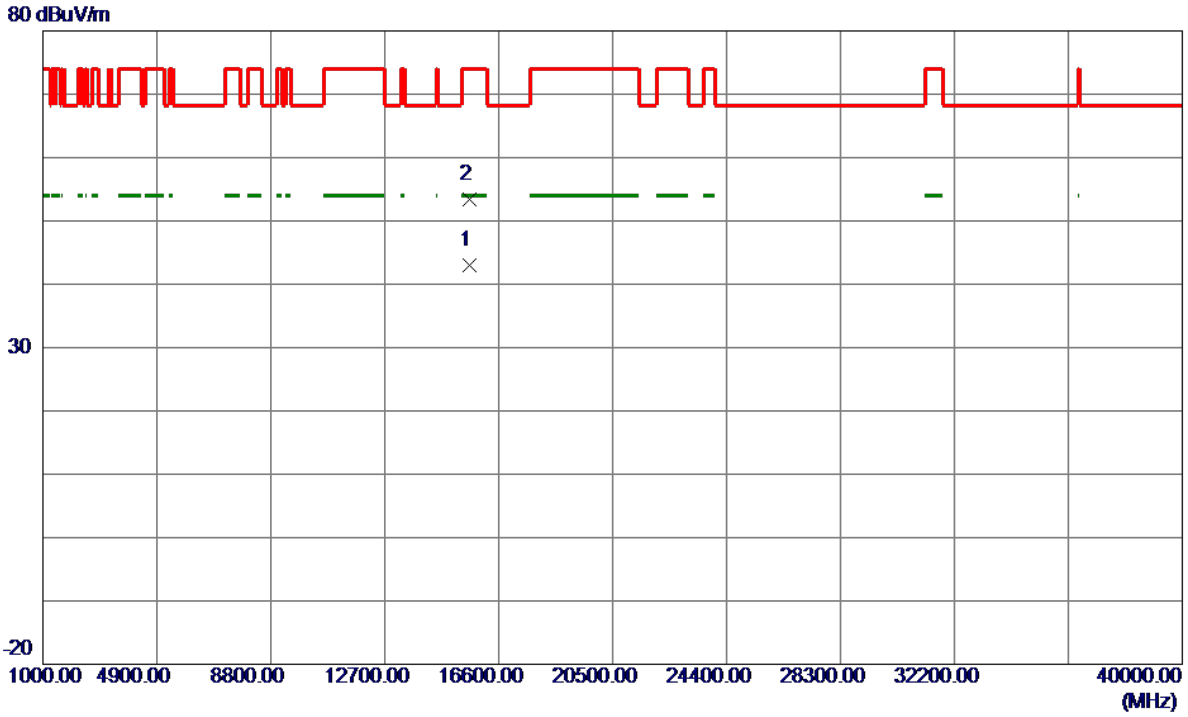
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5194.2000	83.86	16.77	100.63	68.30	32.33	Peak	No Limit
2	5205.3000	77.39	16.80	94.19	999.00	-904.81	AVG	No Limit

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

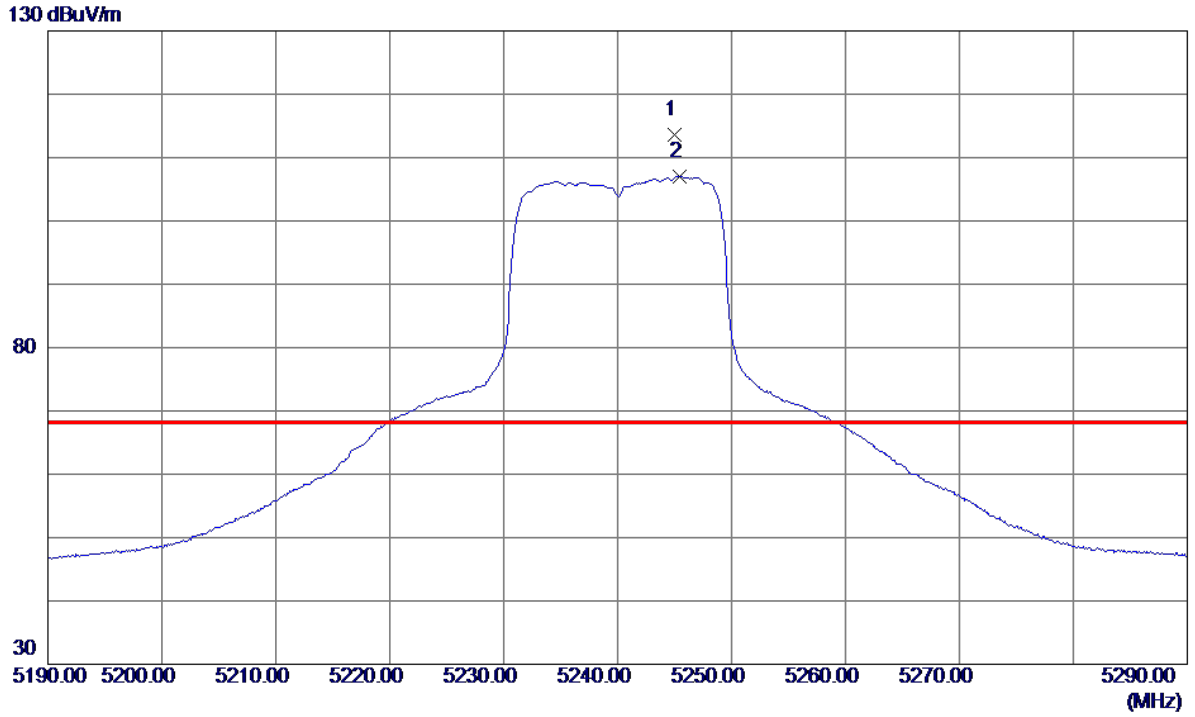
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15601.7000	24.75	18.17	42.92	54.00	-11.08	AVG	
2	15603.8500	35.19	18.17	53.36	74.00	-20.64	Peak	

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

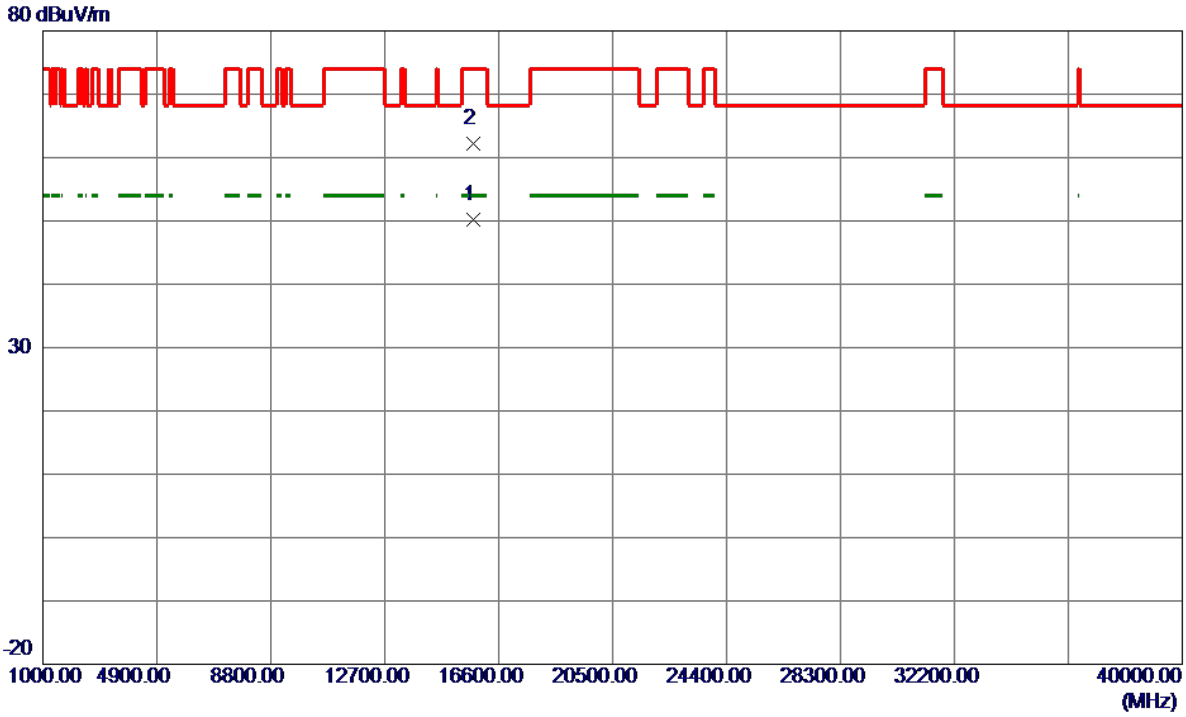
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.0000	96.76	16.92	113.68	68.30	45.38	Peak	No Limit
2	5245.4000	90.13	16.92	107.05	999.00	-891.95	AVG	No Limit

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

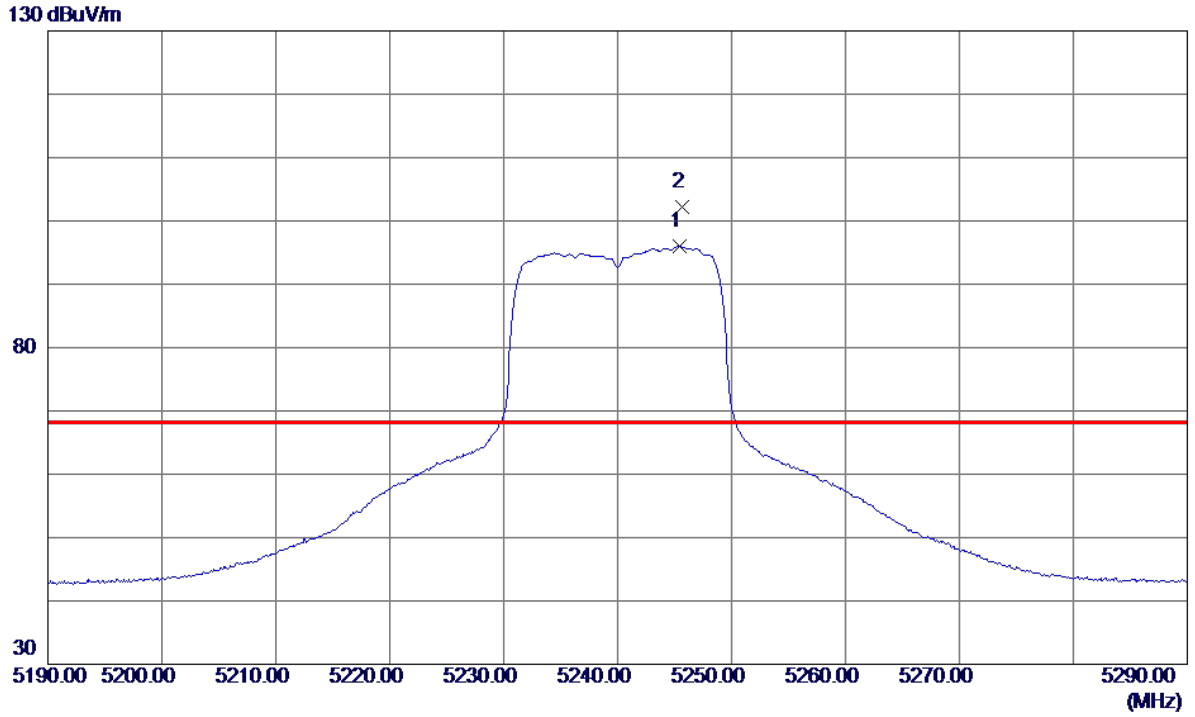
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15723.5000	32.02	18.14	50.16	54.00	-3.84	AVG	
2	15727.2000	44.03	18.14	62.17	74.00	-11.83	Peak	

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

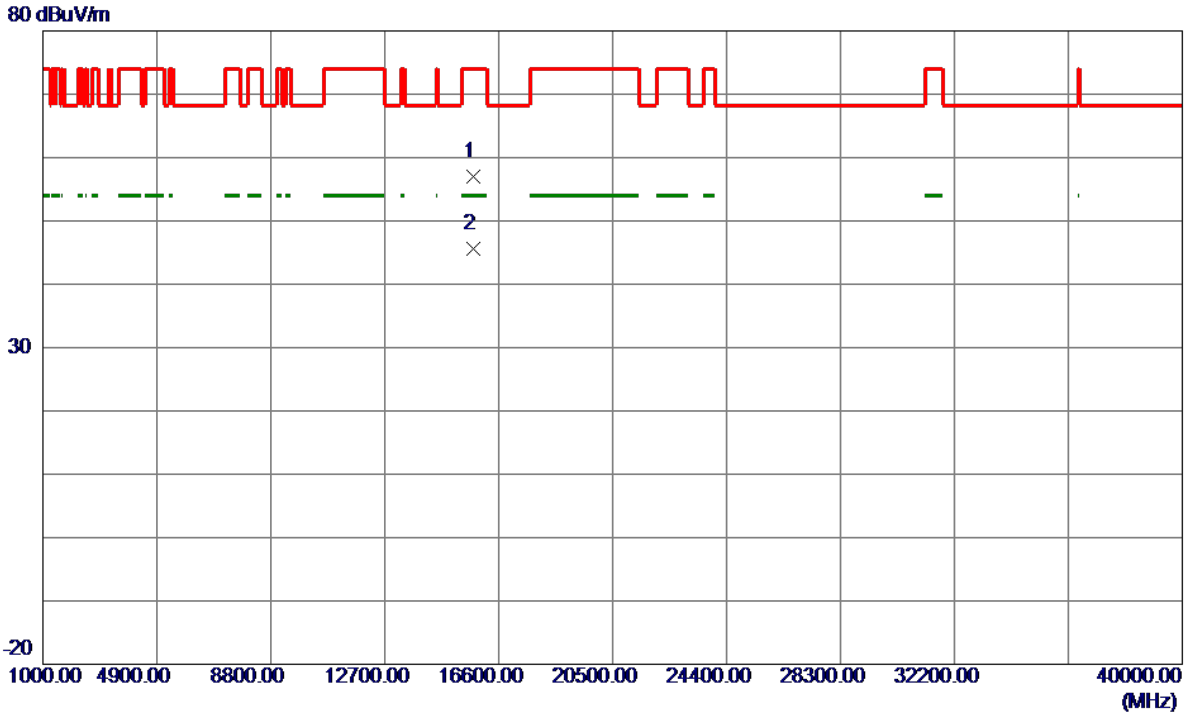
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5245.4000	79.03	16.92	95.95	999.00	-903.05	AVG	No Limit
2 *	5245.7000	85.37	16.92	102.29	68.30	33.99	Peak	No Limit

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

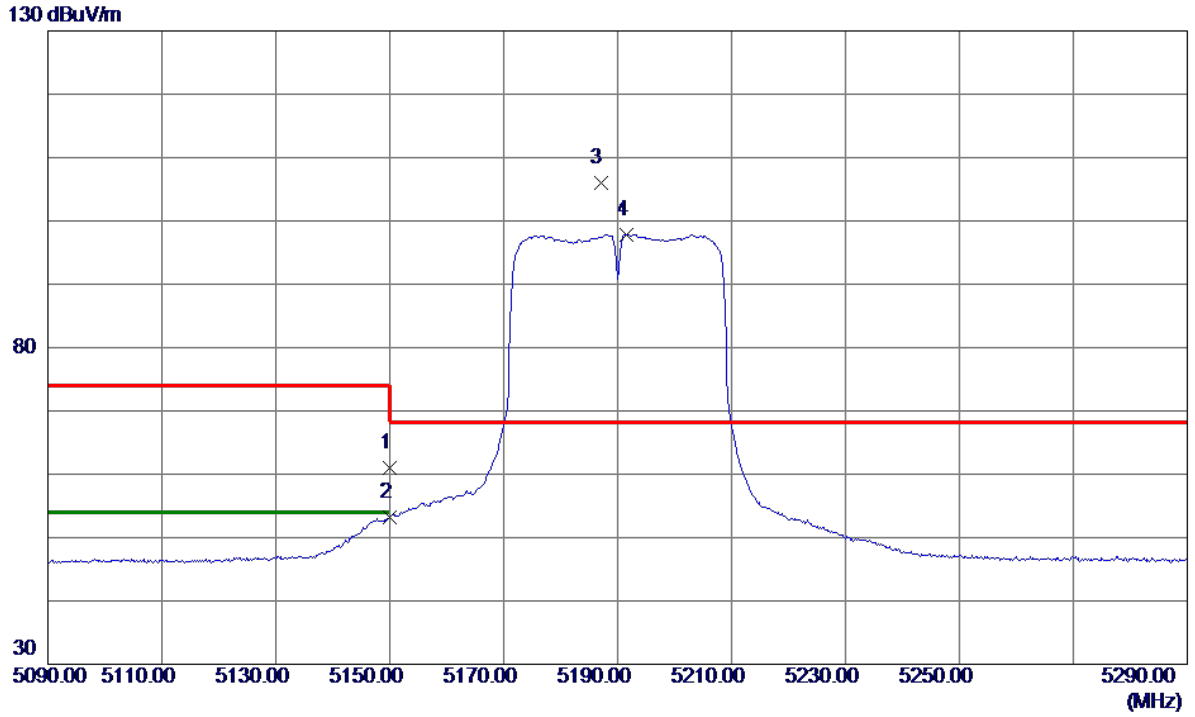
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15712.2000	38.85	18.14	56.99	74.00	-17.01	Peak	
2 *	15719.9000	27.46	18.14	45.60	54.00	-8.40	AVG	

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

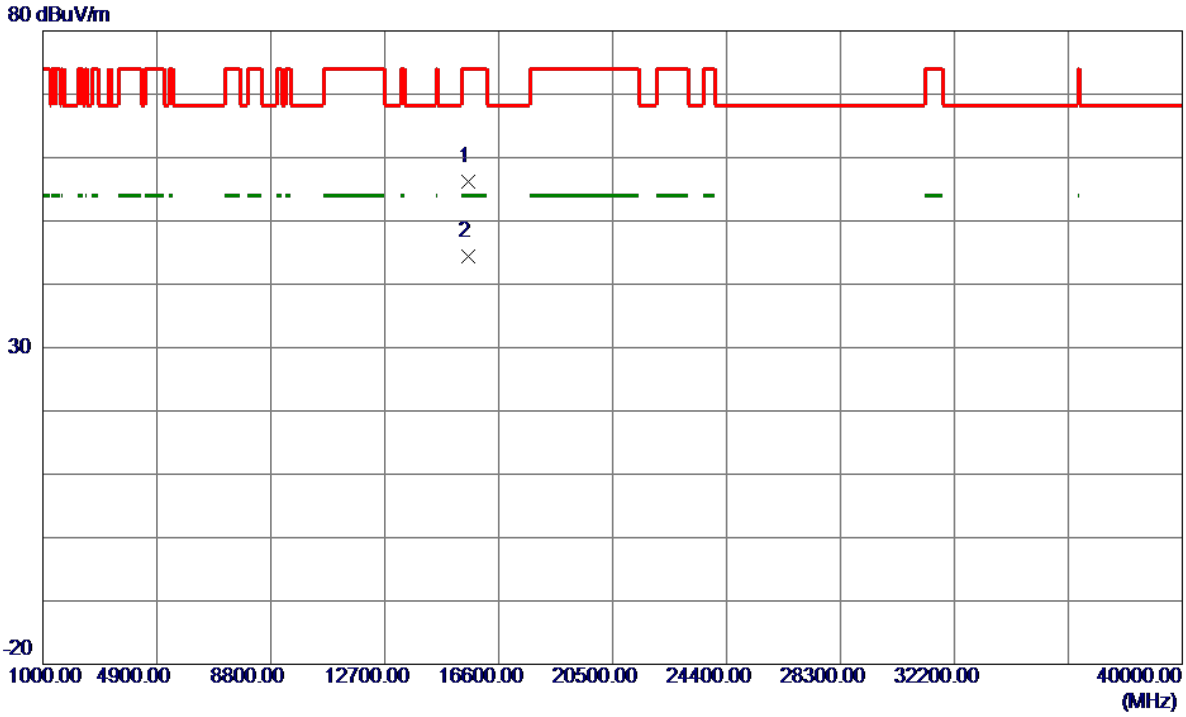
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.30	16.65	60.95	74.00	-13.05	Peak	
2	5150.0000	36.63	16.65	53.28	54.00	-0.72	AVG	
3 *	5187.0000	89.31	16.75	106.06	68.30	37.76	Peak	No Limit
4	5191.6000	81.13	16.76	97.89	999.00	-901.11	AVG	No Limit

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

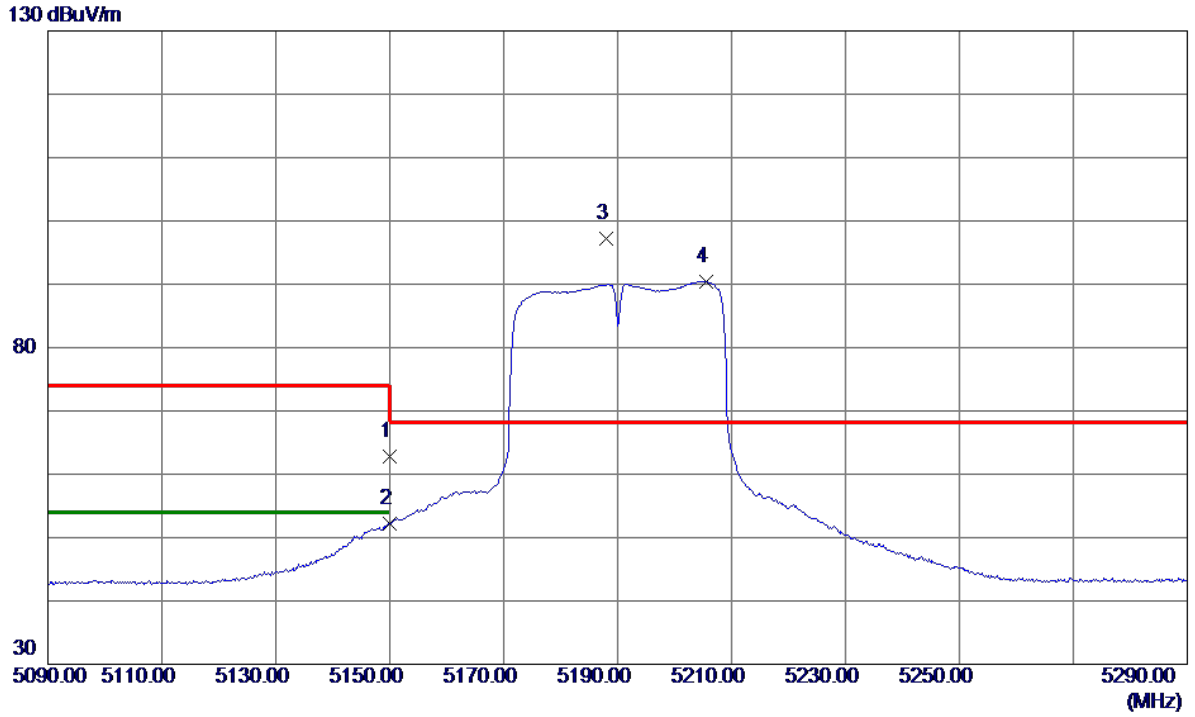
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15558.7000	38.09	18.18	56.27	74.00	-17.73	Peak	
2 *	15561.2500	26.23	18.18	44.41	54.00	-9.59	AVG	

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

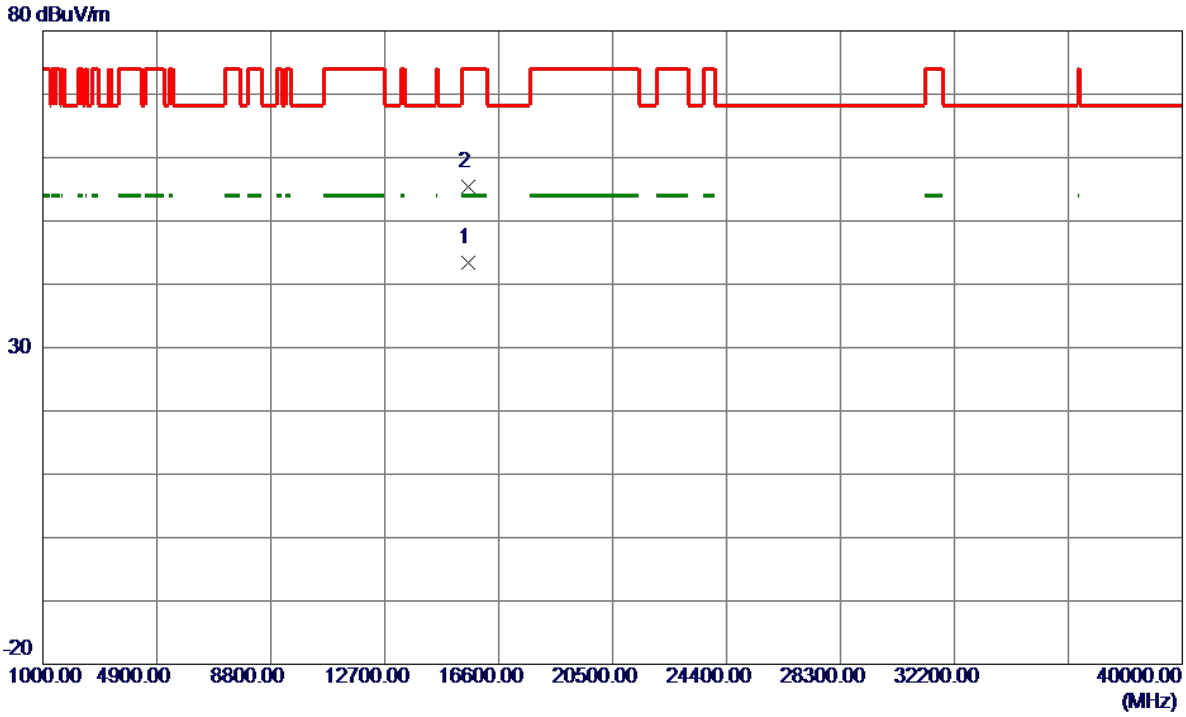
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.12	16.65	62.77	74.00	-11.23	Peak	
2	5150.0000	35.53	16.65	52.18	54.00	-1.82	AVG	
3 *	5188.0000	80.53	16.75	97.28	68.30	28.98	Peak	No Limit
4	5205.6000	73.61	16.80	90.41	999.00	-908.59	AVG	No Limit

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

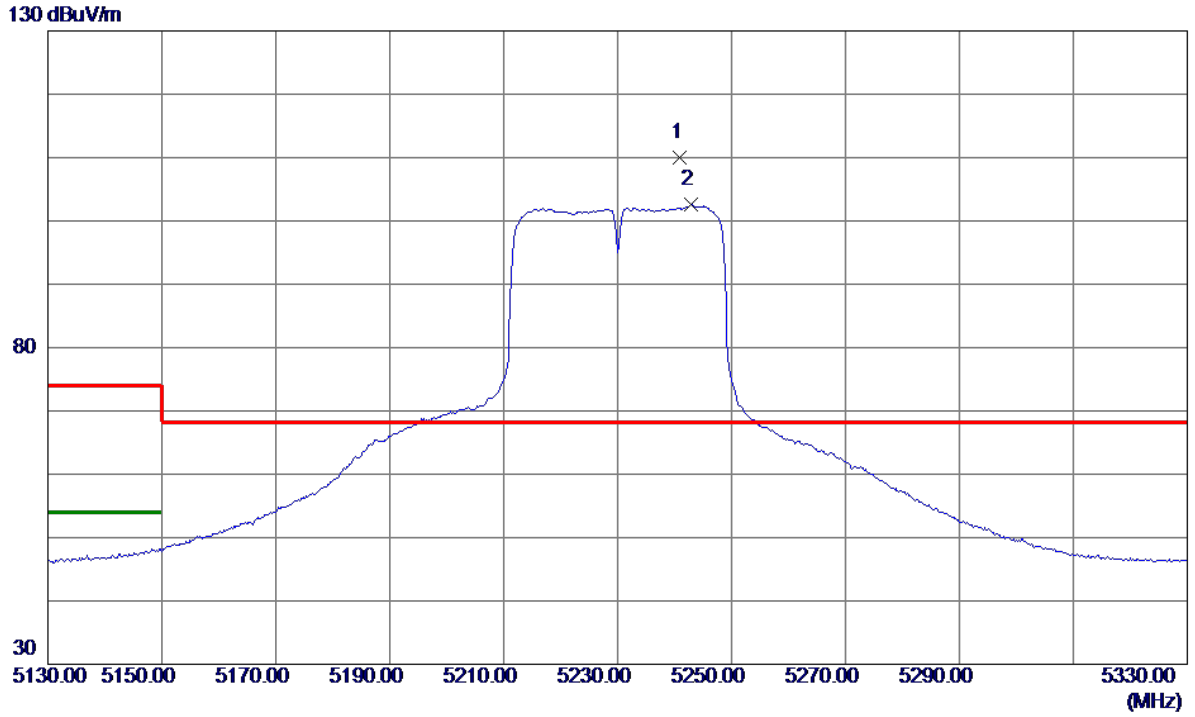
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15561.2000	25.29	18.18	43.47	54.00	-10.53	AVG	
2	15567.6500	37.18	18.18	55.36	74.00	-18.64	Peak	

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

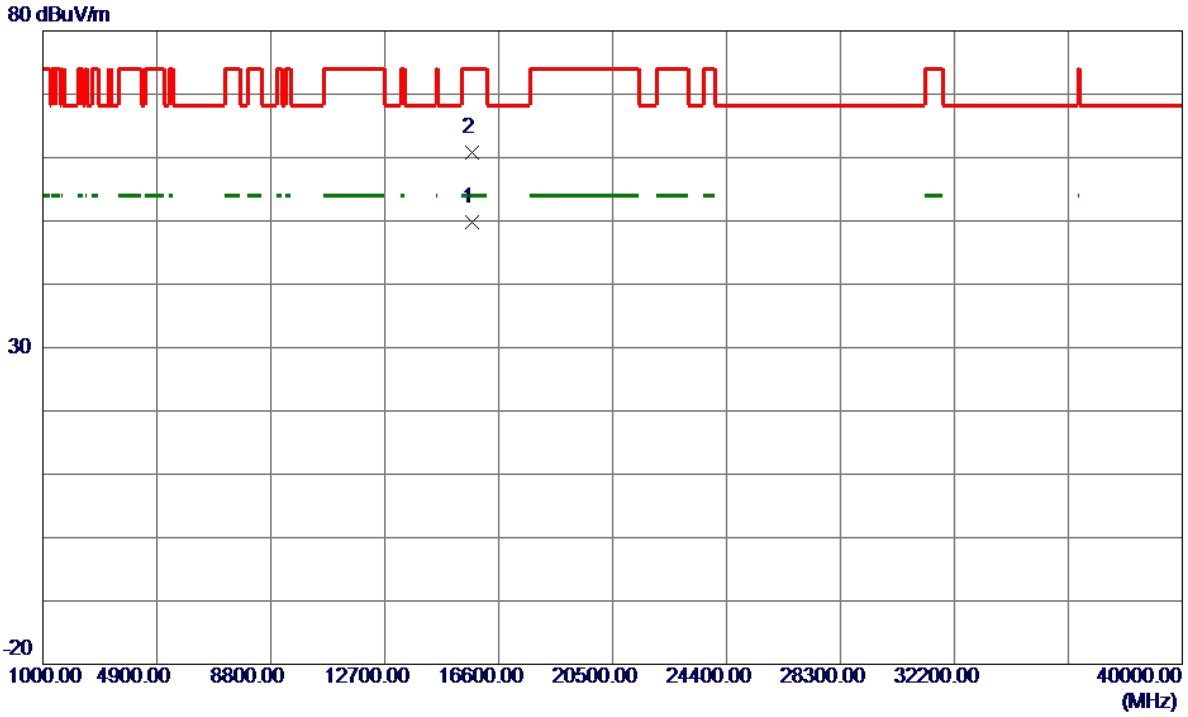
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5241.0000	93.12	16.90	110.02	68.30	41.72	Peak	No Limit
2	5242.8000	85.77	16.91	102.68	999.00	-896.32	AVG	No Limit

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

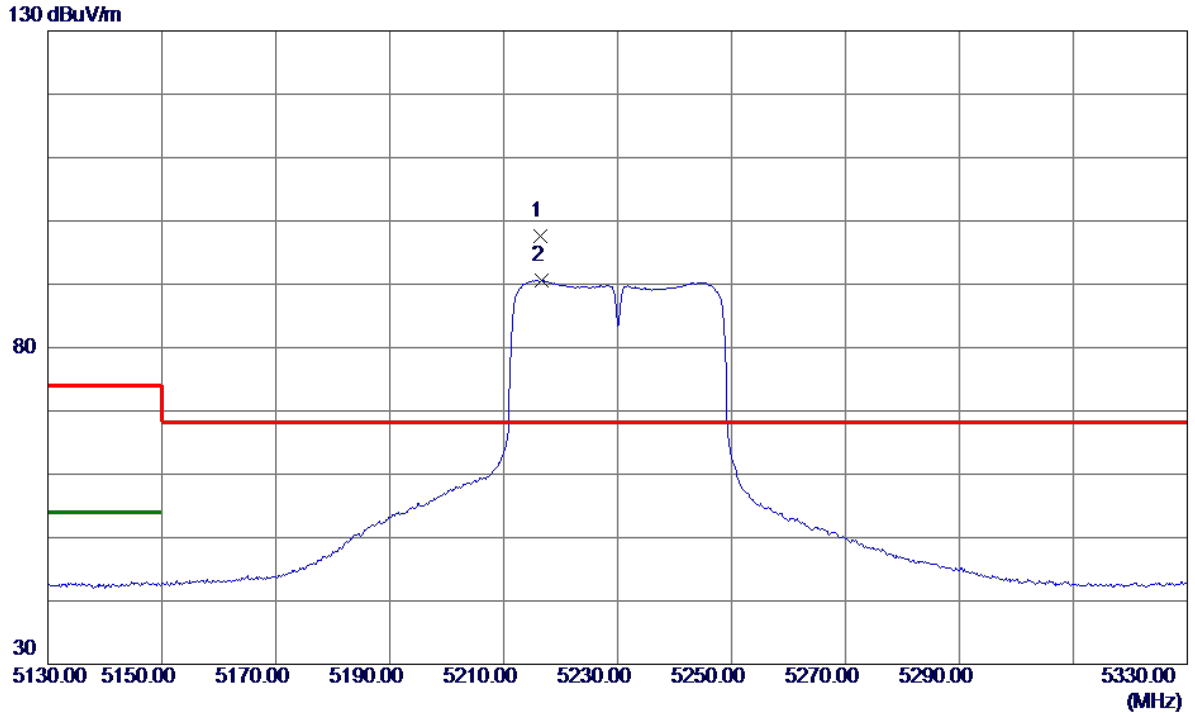
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15692.3500	31.66	18.15	49.81	54.00	-4.19	AVG	
2	15700.4000	42.63	18.14	60.77	74.00	-13.23	Peak	

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

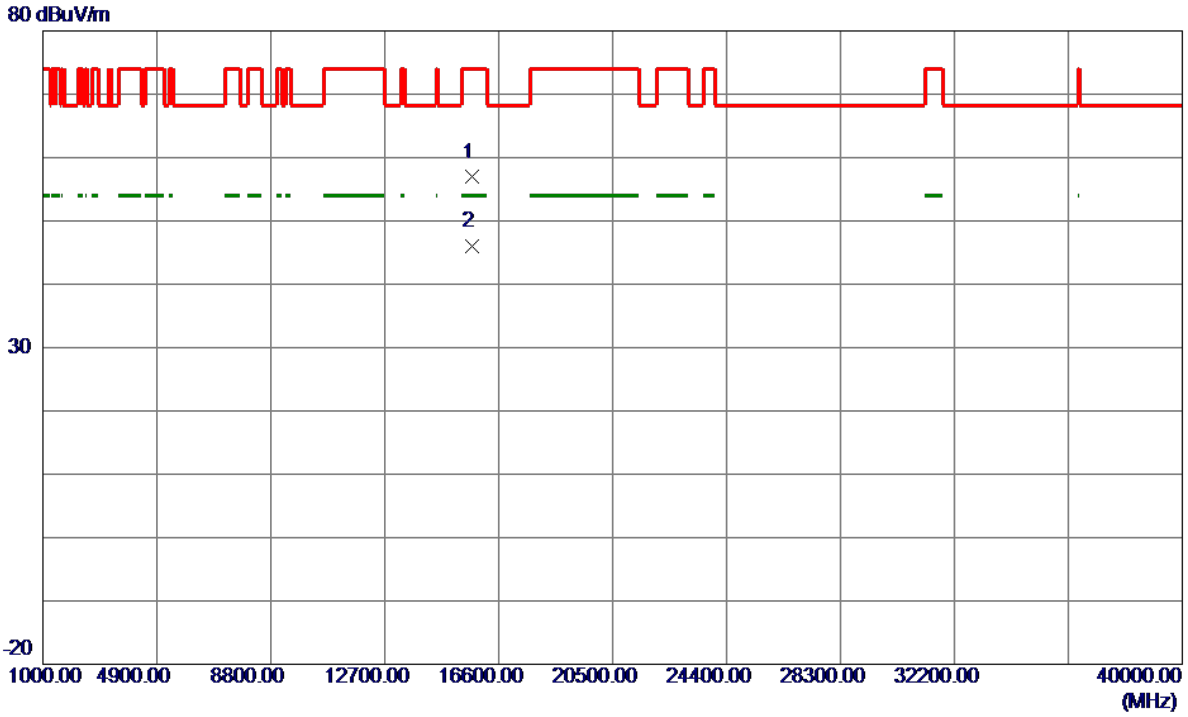
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5216.4000	80.80	16.83	97.63	68.30	29.33	Peak	No Limit
2	5216.6000	73.75	16.83	90.58	999.00	-908.42	AVG	No Limit

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

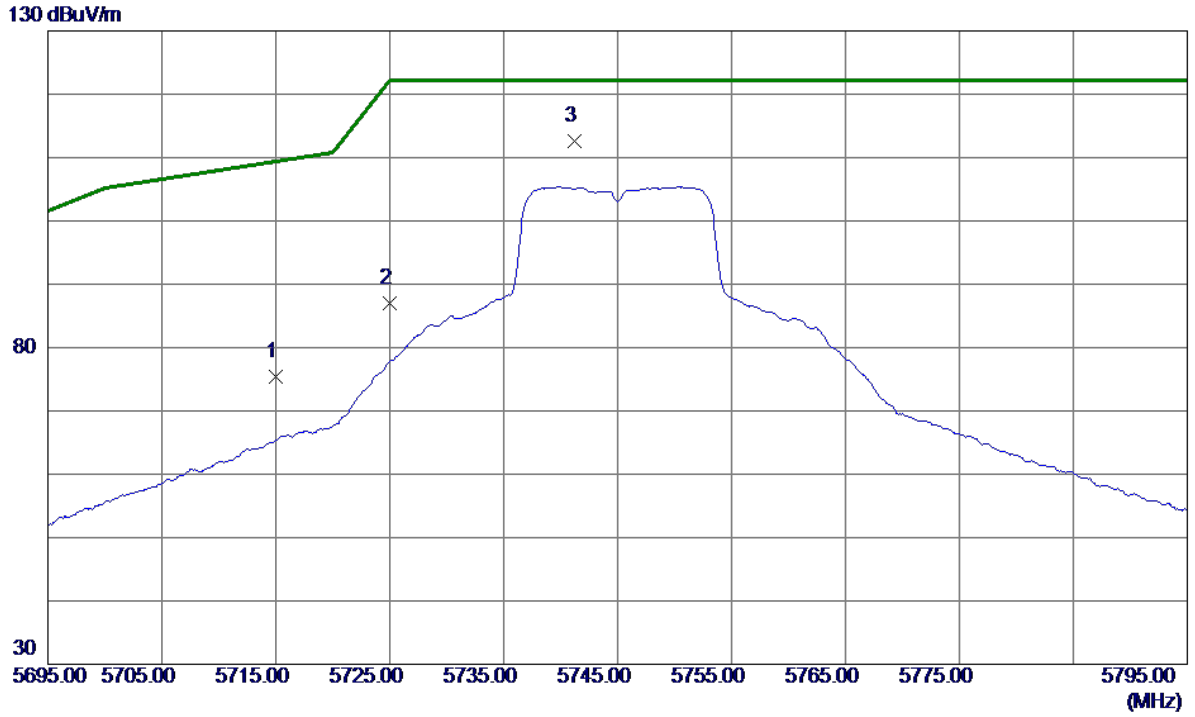
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15685.0000	38.75	18.15	56.90	74.00	-17.10	Peak	
2 *	15693.6500	27.93	18.15	46.08	54.00	-7.92	AVG	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	57.09	18.40	75.49	109.40	-33.91	Peak	
2	5725.0000	68.49	18.44	86.93	122.20	-35.27	Peak	
3 *	5741.2000	94.18	18.49	112.67	122.20	-9.53	Peak	

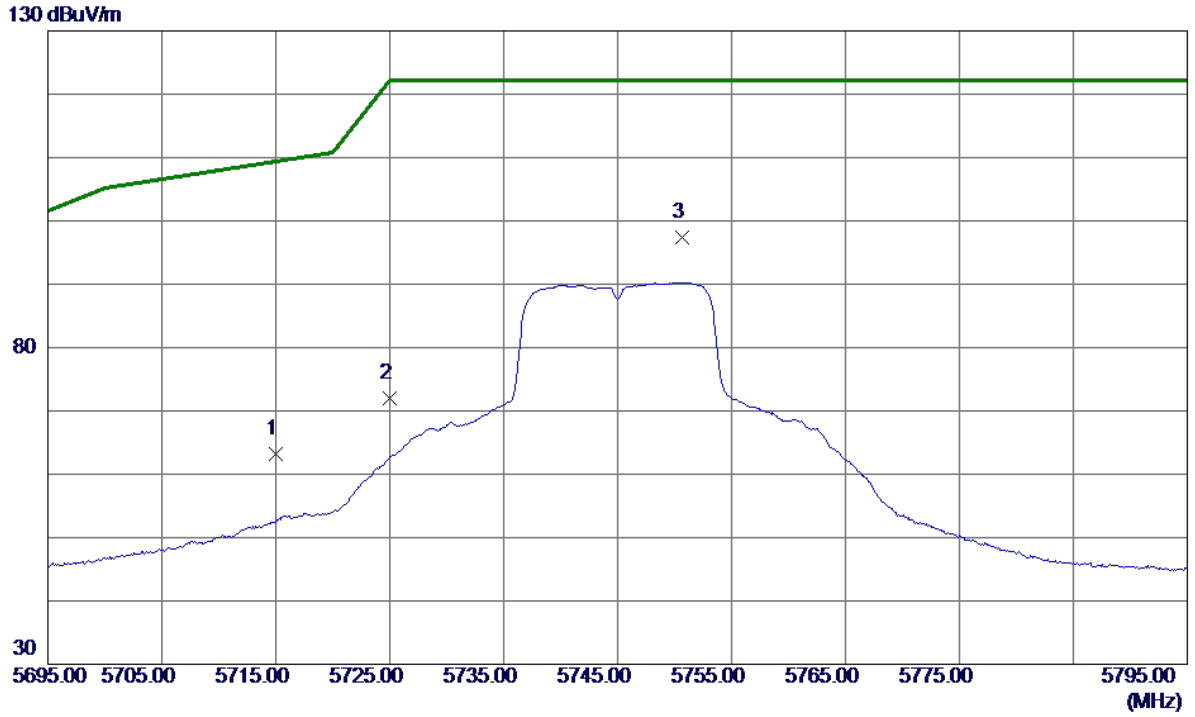
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17229.7500	45.60	21.66	67.26	68.30	-1.04	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	44.79	18.40	63.19	109.40	-46.21	Peak	
2	5725.0000	53.56	18.44	72.00	122.20	-50.20	Peak	
3 *	5750.7000	78.81	18.53	97.34	122.20	-24.86	Peak	

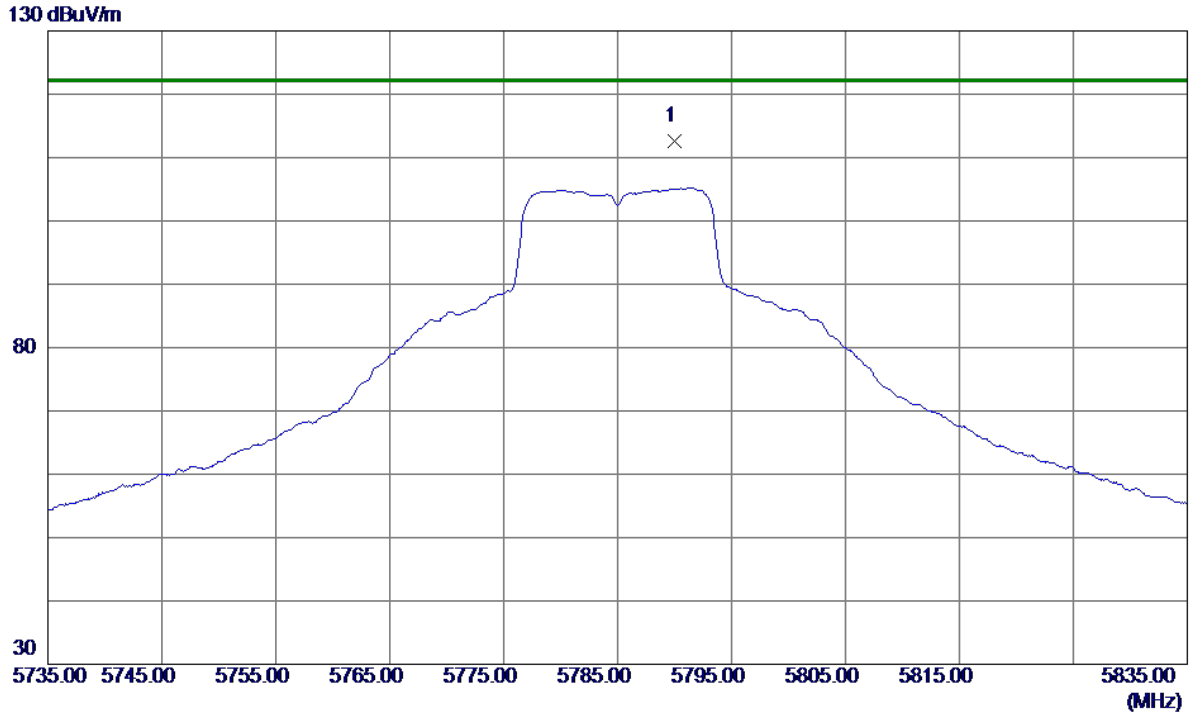
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17230.4500	43.16	21.66	64.82	68.30	-3.48	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5790.0000	93.98	18.67	112.65	122.20	-9.55	Peak	

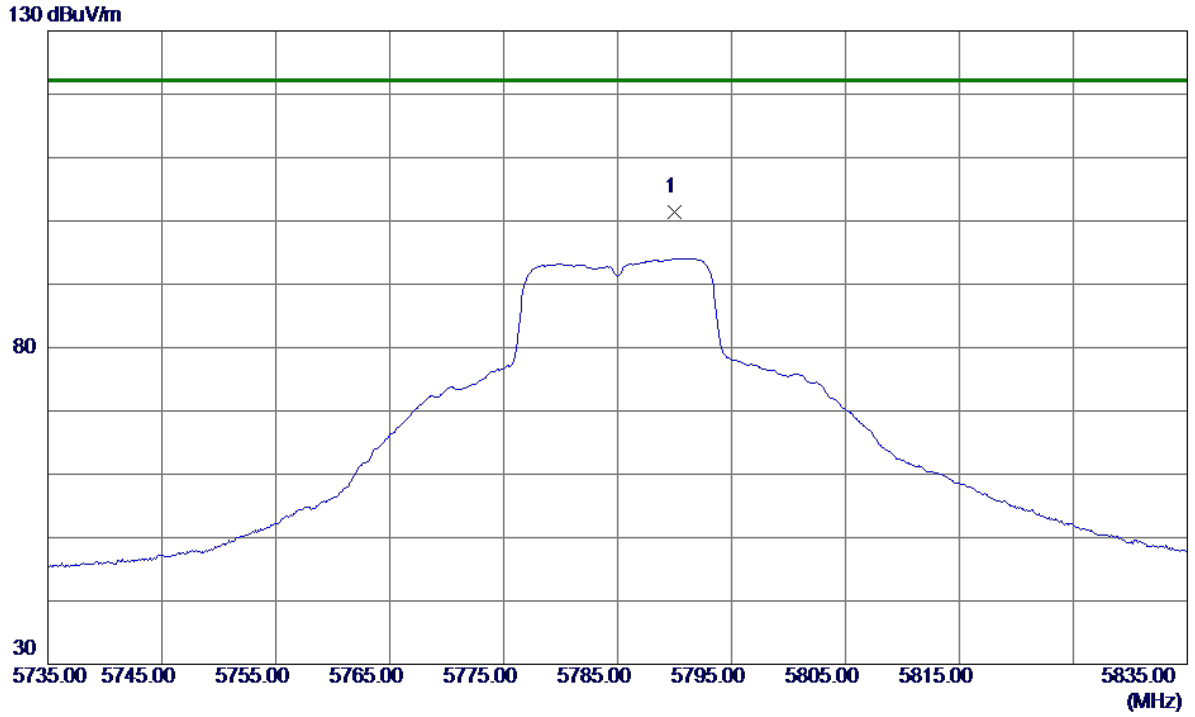
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5785MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17362.7500	44.22	21.89	66.11	68.30	-2.19	Peak	

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

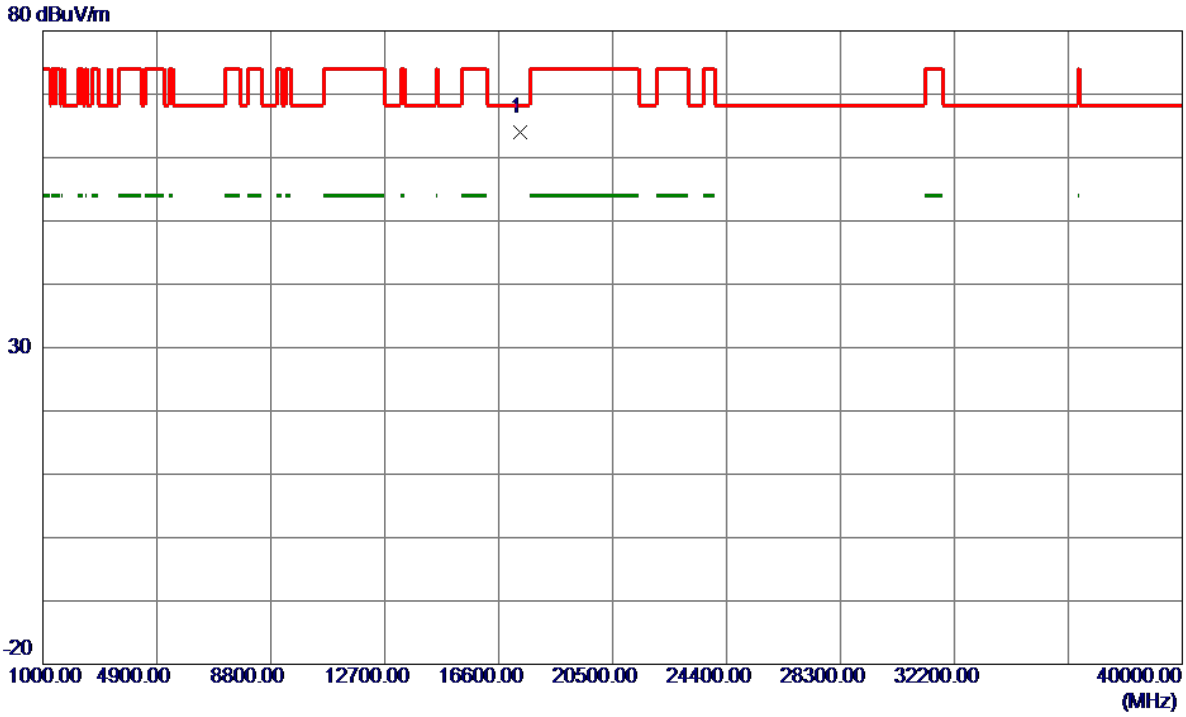
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5790.0000	82.75	18.67	101.42	122.20	-20.78	Peak	

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

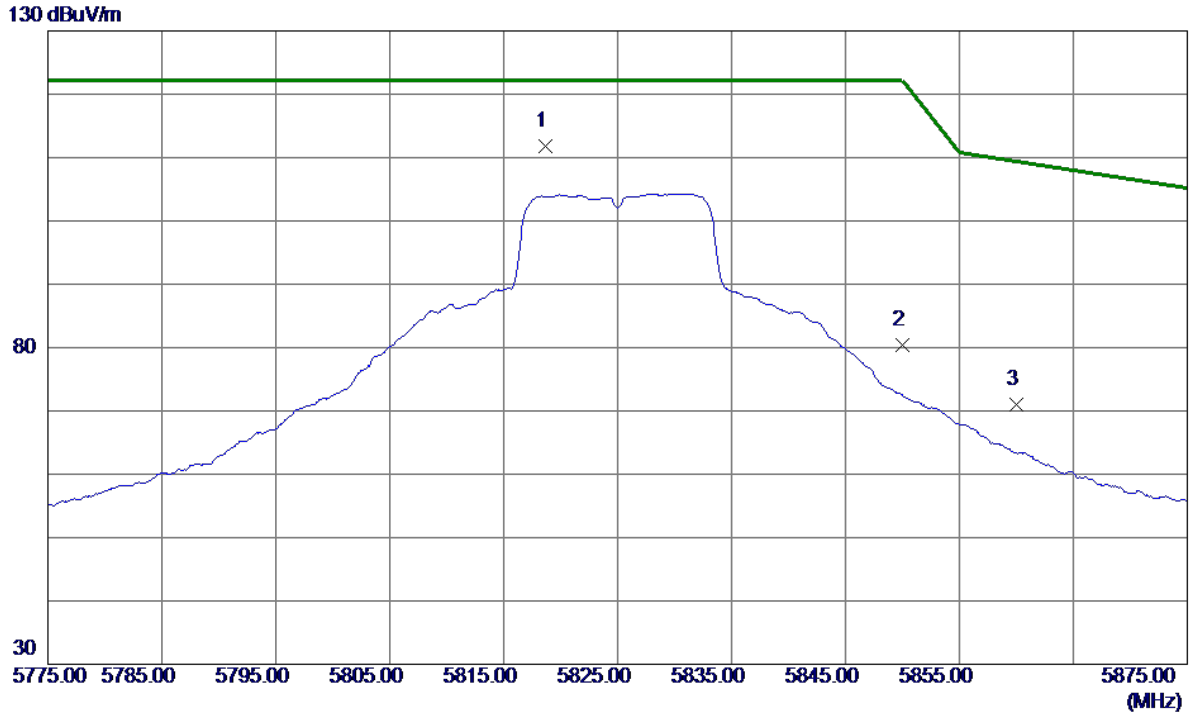
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17349.8500	42.24	21.86	64.10	68.30	-4.20	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.7000	93.02	18.77	111.79	122.20	-10.41	Peak	
2	5850.0000	61.58	18.88	80.46	122.20	-41.74	Peak	
3	5860.0000	52.17	18.91	71.08	109.40	-38.32	Peak	

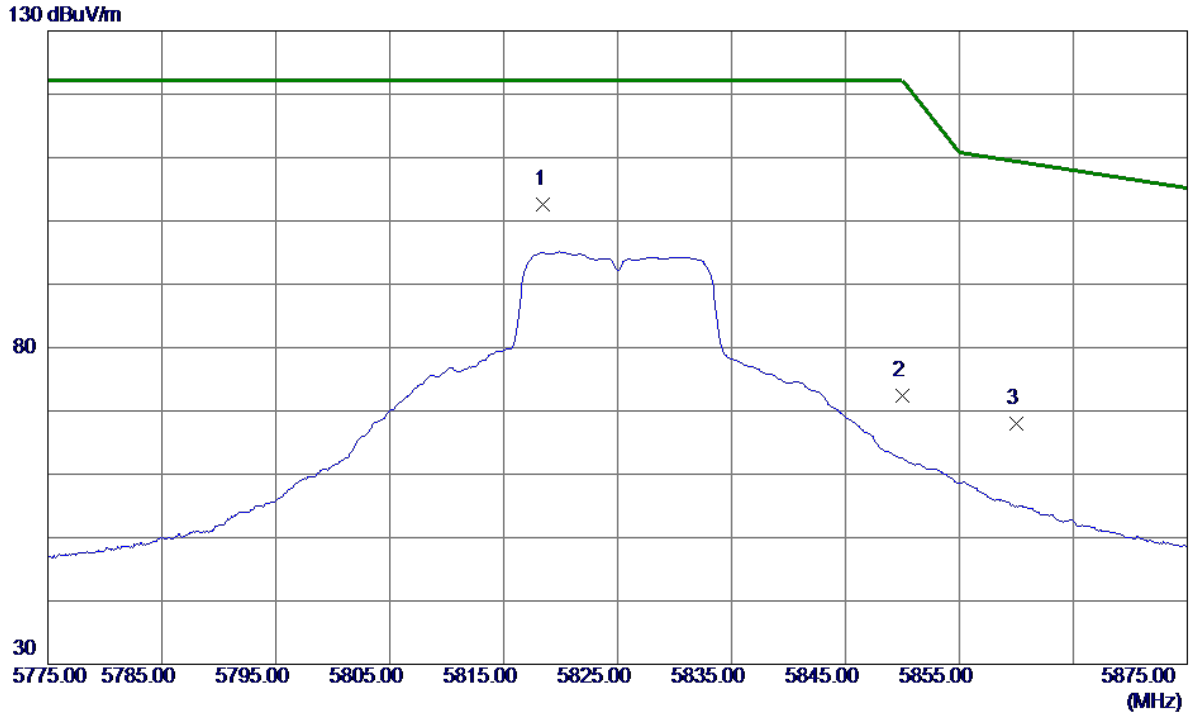
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17469.8500	43.68	22.06	65.74	68.30	-2.56	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.5000	83.86	18.77	102.63	122.20	-19.57	Peak	
2	5850.0000	53.61	18.88	72.49	122.20	-49.71	Peak	
3	5860.0000	49.09	18.91	68.00	109.40	-41.40	Peak	

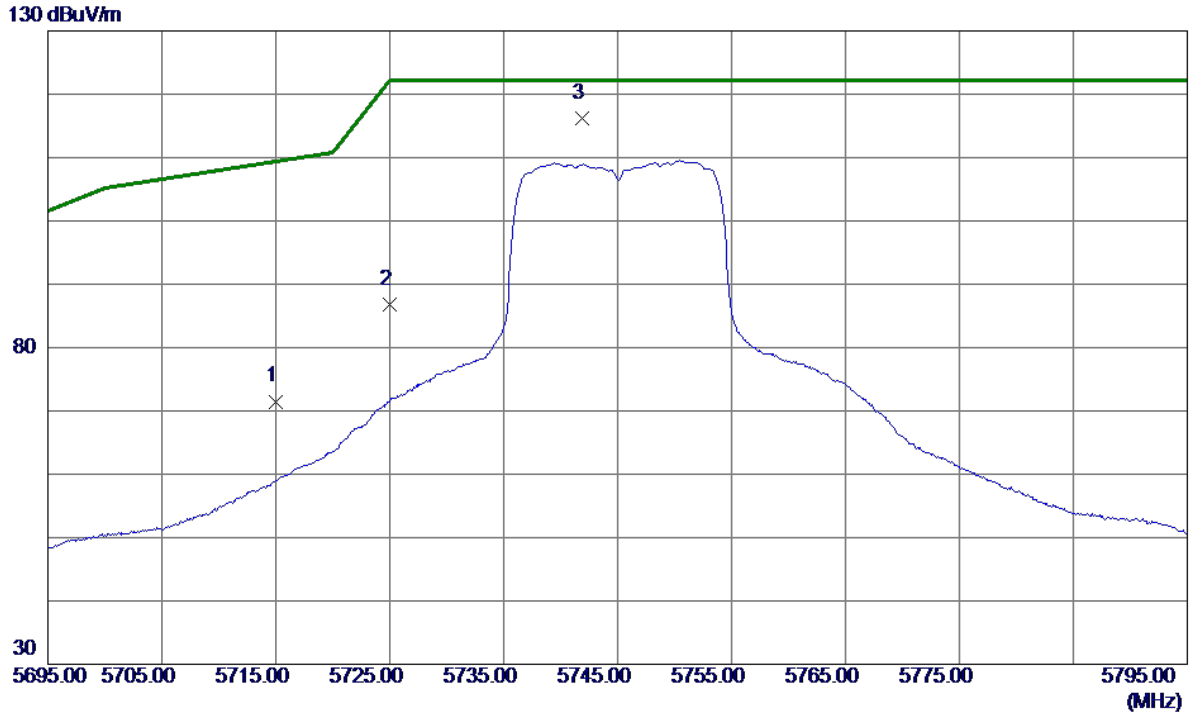
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17476.8500	40.58	22.08	62.66	68.30	-5.64	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	53.10	18.40	71.50	109.40	-37.90	Peak	
2	5725.0000	68.41	18.44	86.85	122.20	-35.35	Peak	
3 *	5741.9000	97.78	18.50	116.28	122.20	-5.92	Peak	

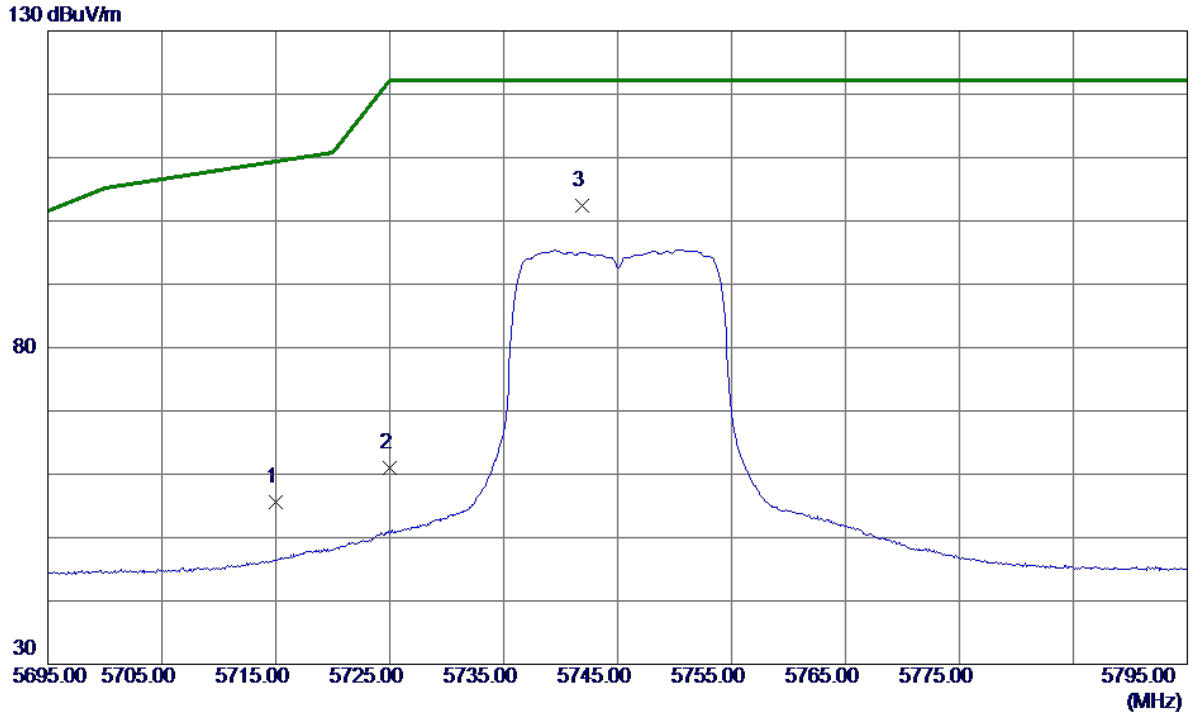
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17224.9500	45.73	21.66	67.39	68.30	-0.91	Peak	

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

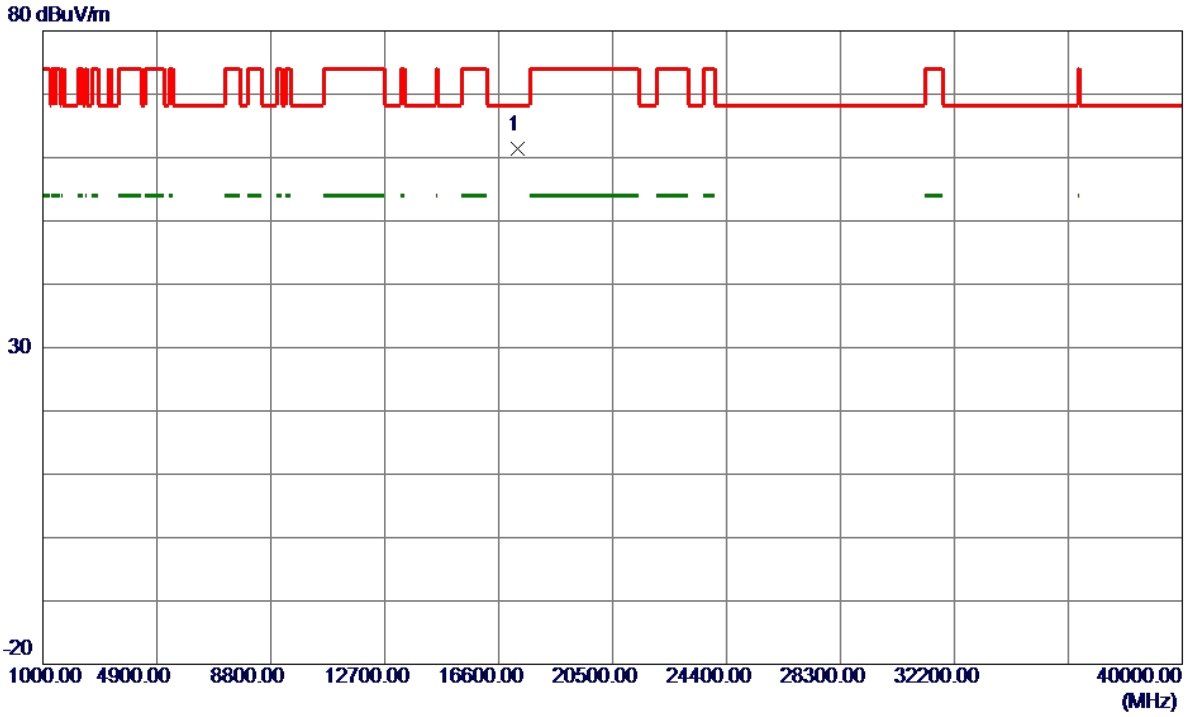
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	37.21	18.40	55.61	109.40	-53.79	Peak	
2	5725.0000	42.54	18.44	60.98	122.20	-61.22	Peak	
3 *	5741.9000	83.99	18.50	102.49	122.20	-19.71	Peak	

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

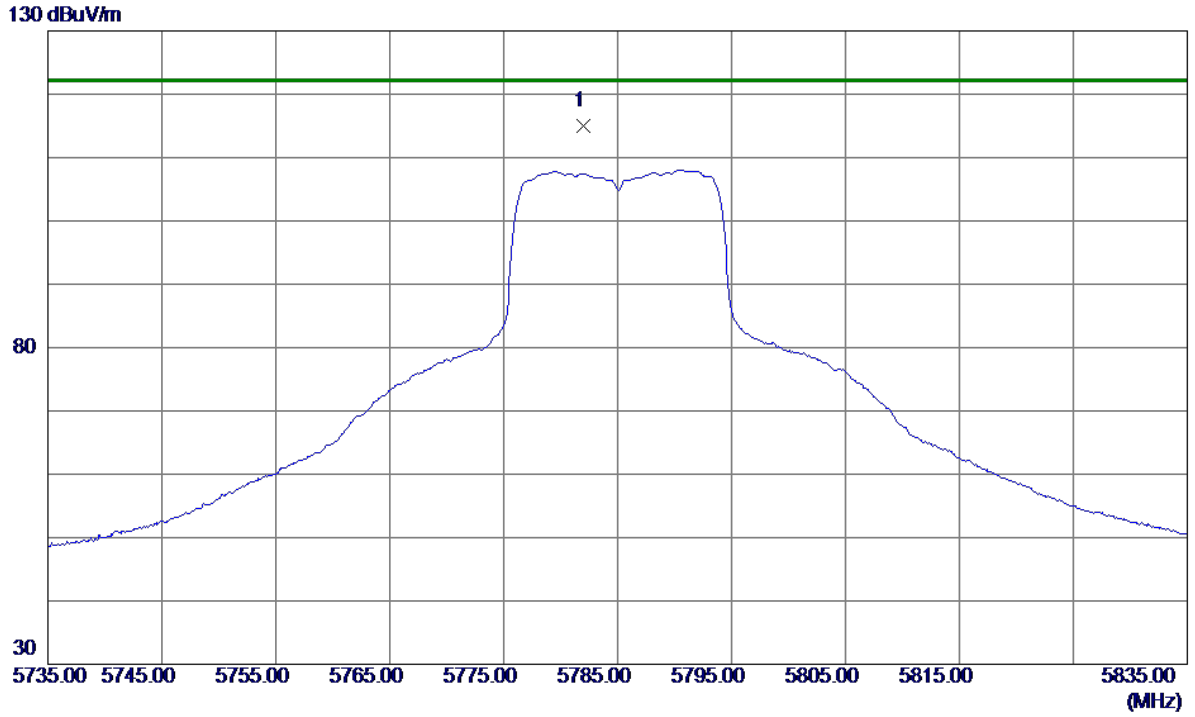
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17231.2000	39.63	21.67	61.30	68.30	-7.00	Peak	

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

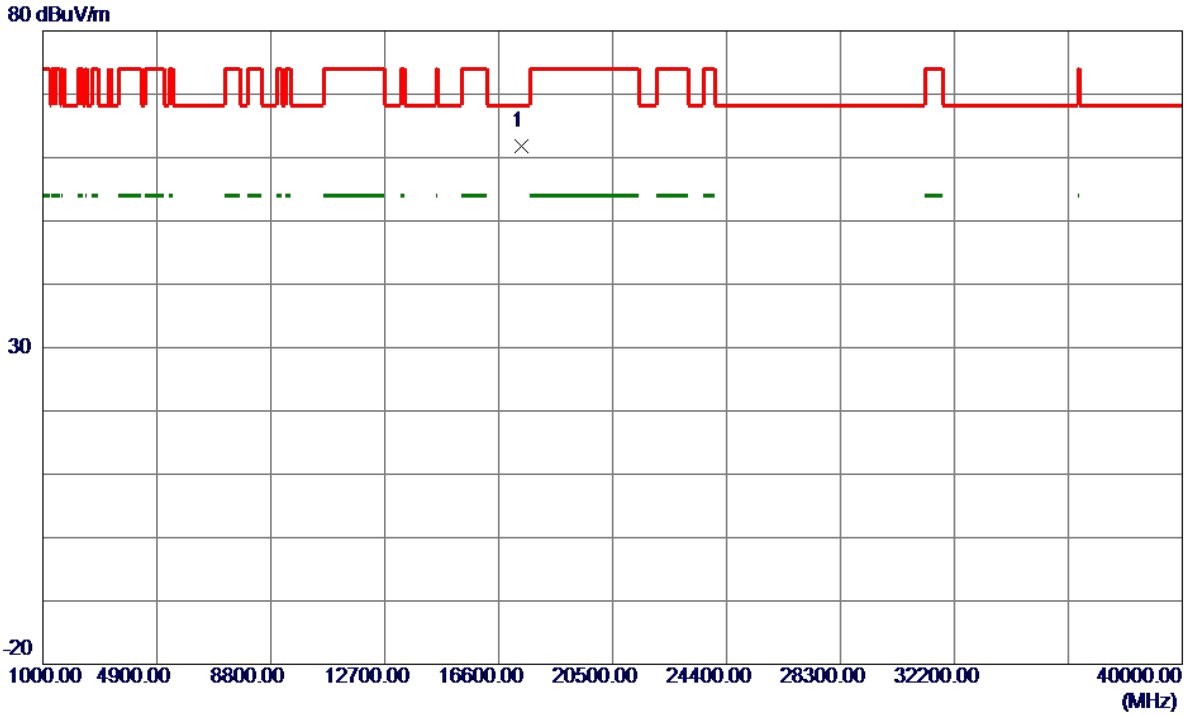
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5782.0000	96.31	18.64	114.95	122.20	-7.25	Peak	

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

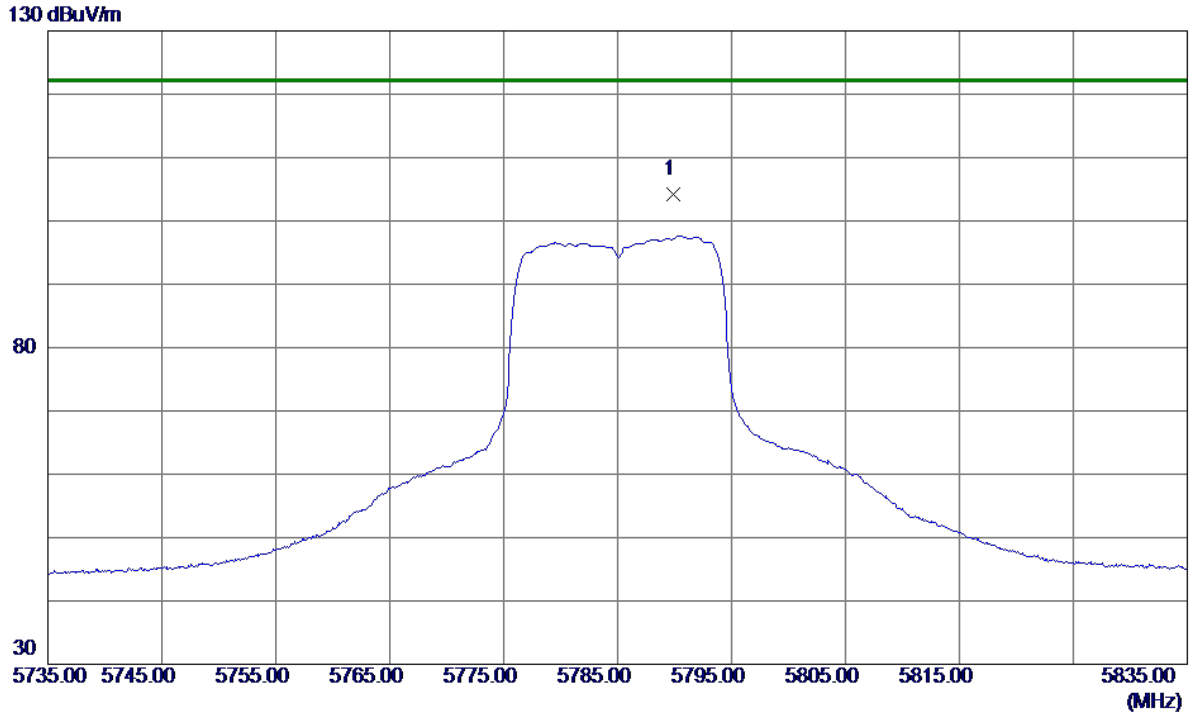
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17361.5000	39.99	21.88	61.87	68.30	-6.43	Peak	

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

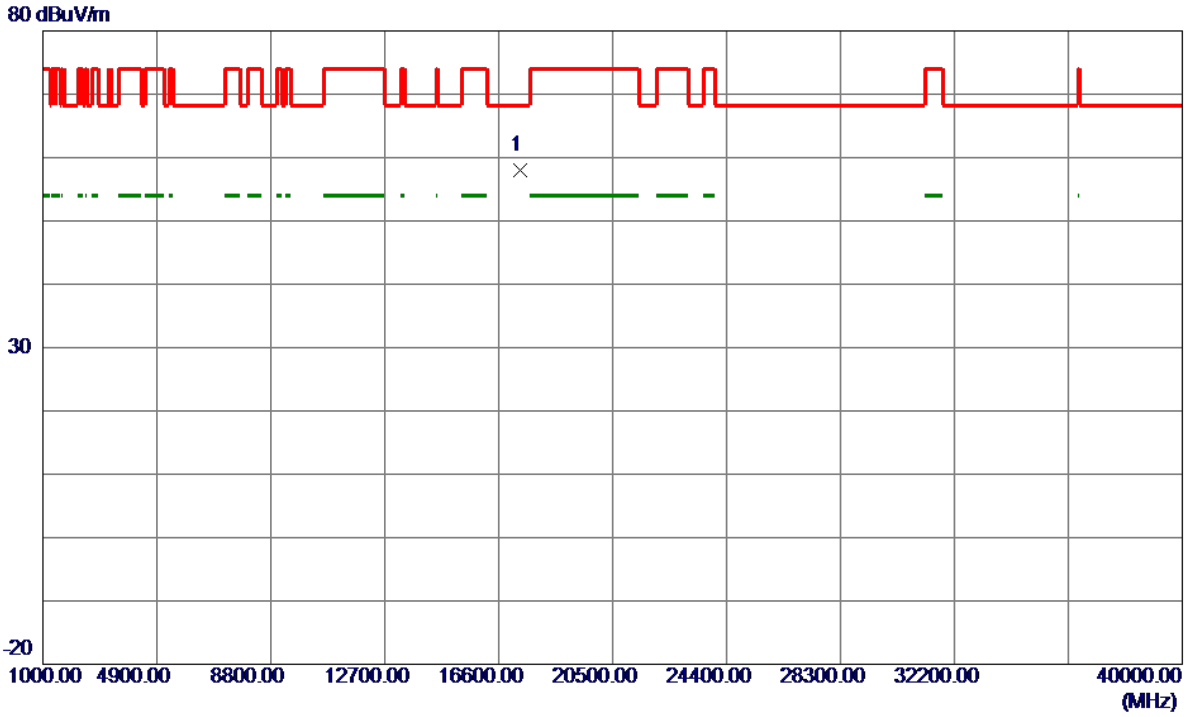
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5789.9000	85.51	18.67	104.18	122.20	-18.02	Peak	

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

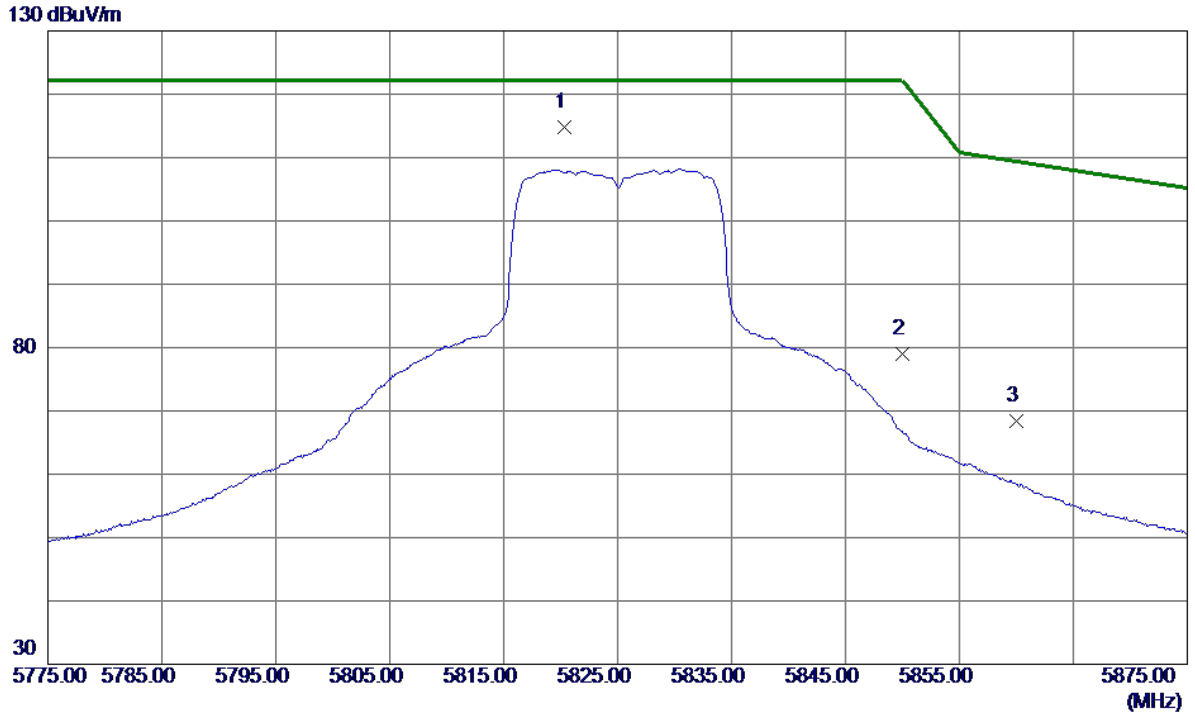
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17356.6000	36.04	21.88	57.92	68.30	-10.38	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.3000	96.10	18.77	114.87	122.20	-7.33	Peak	
2	5850.0000	60.04	18.88	78.92	122.20	-43.28	Peak	
3	5860.0000	49.54	18.91	68.45	109.40	-40.95	Peak	

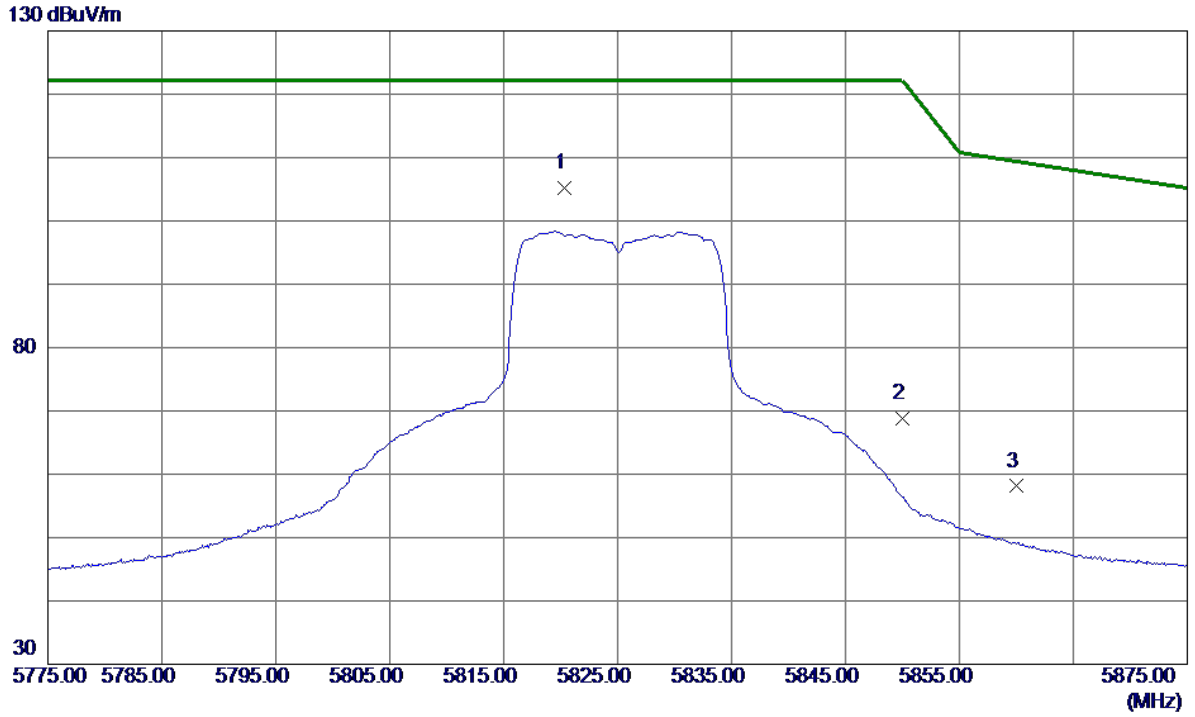
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17471.2000	45.05	22.07	67.12	68.30	-1.18	Peak	

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

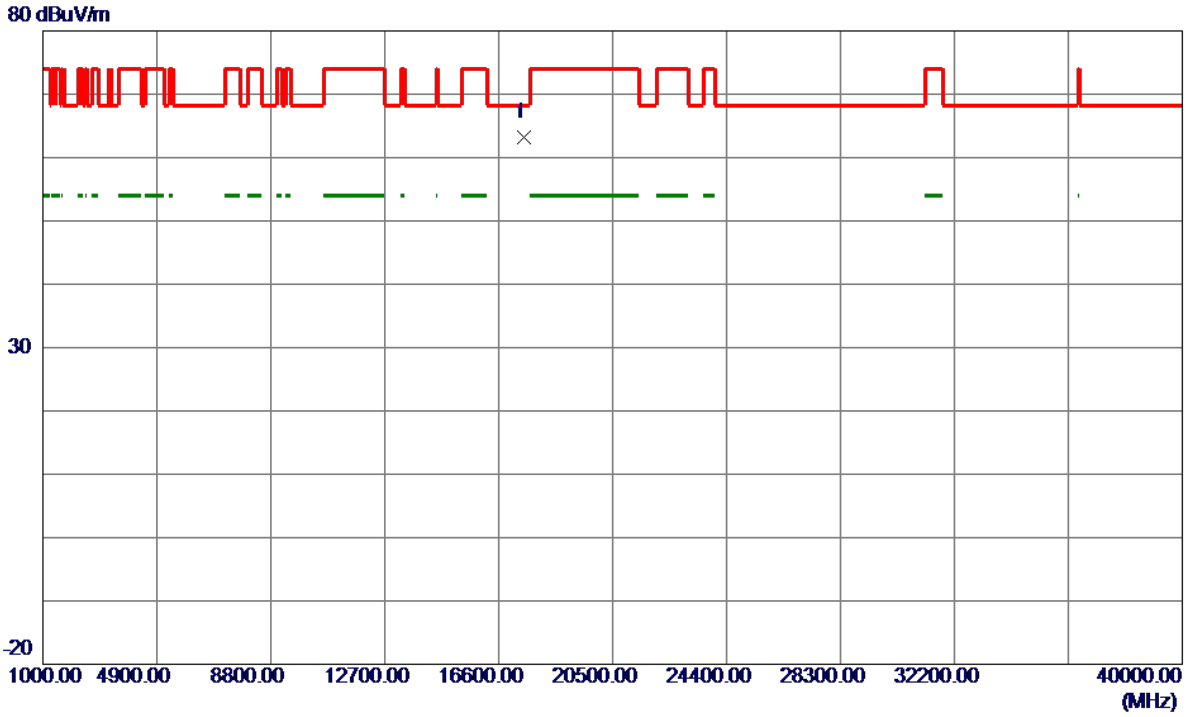
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.3000	86.42	18.77	105.19	122.20	-17.01	Peak	
2	5850.0000	49.94	18.88	68.82	122.20	-53.38	Peak	
3	5860.0000	39.19	18.91	58.10	109.40	-51.30	Peak	

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

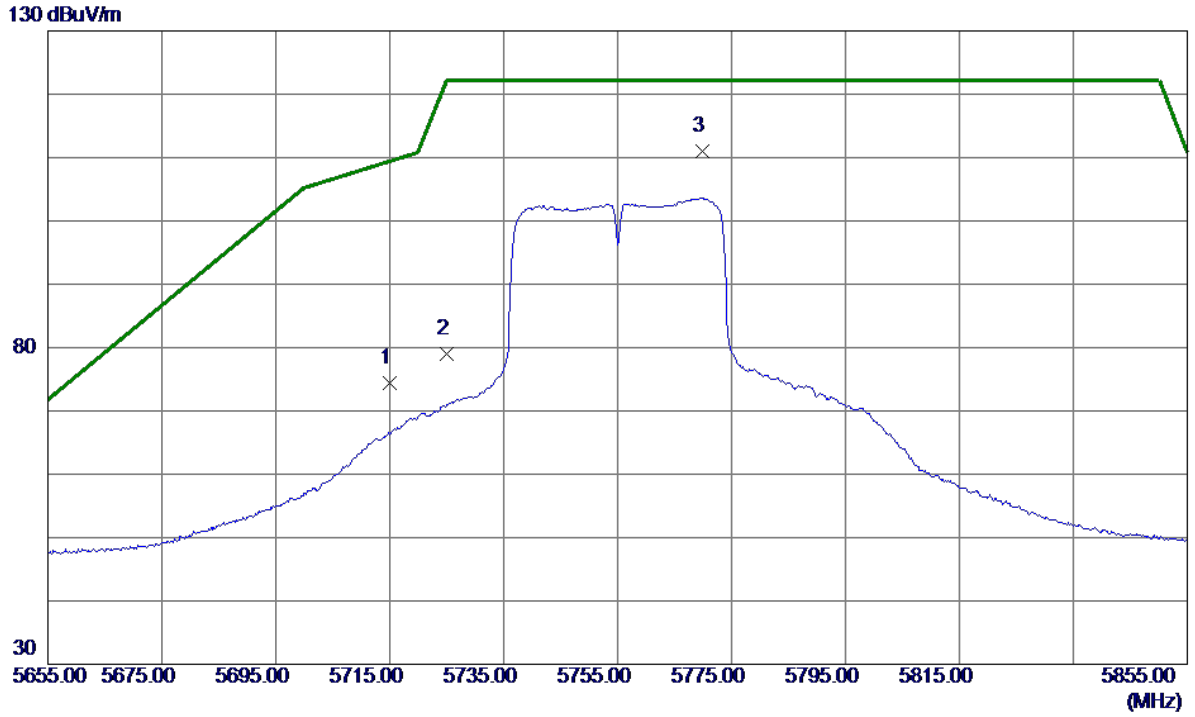
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17470.1000	41.04	22.07	63.11	68.30	-5.19	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	55.99	18.40	74.39	109.40	-35.01	Peak	
2	5725.0000	60.50	18.44	78.94	122.20	-43.26	Peak	
3 *	5769.8000	92.50	18.60	111.10	122.20	-11.10	Peak	

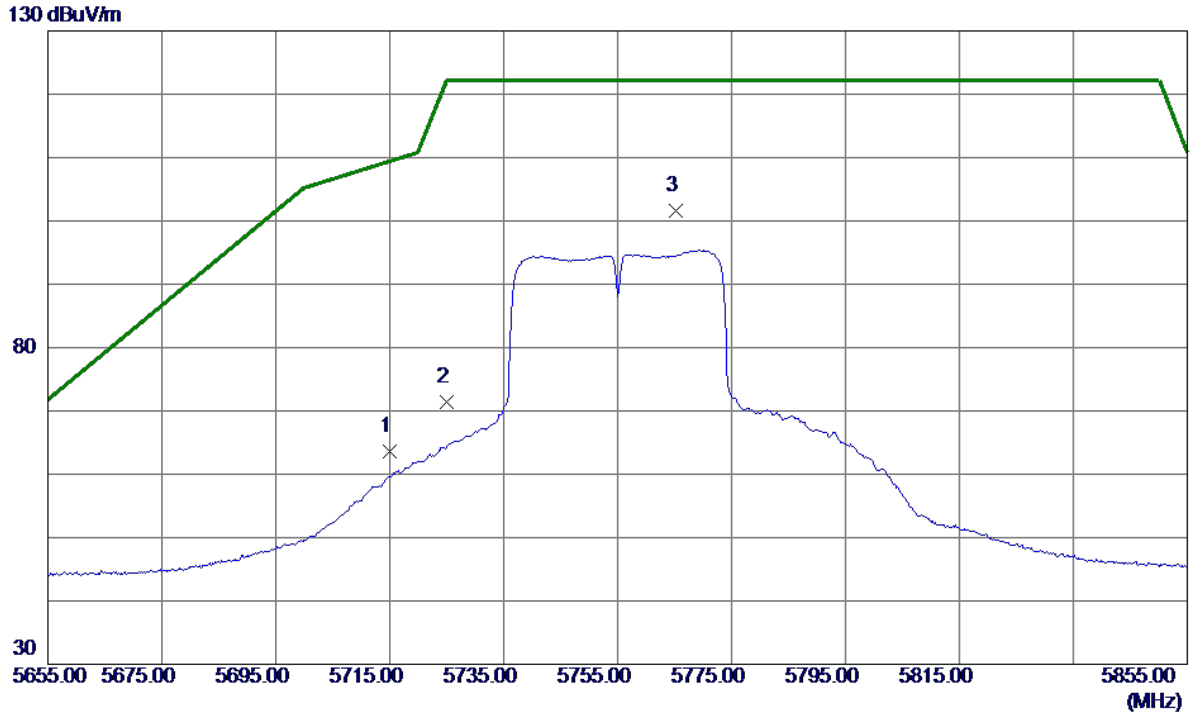
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17272.0000	44.24	21.73	65.97	68.30	-2.33	Peak	

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

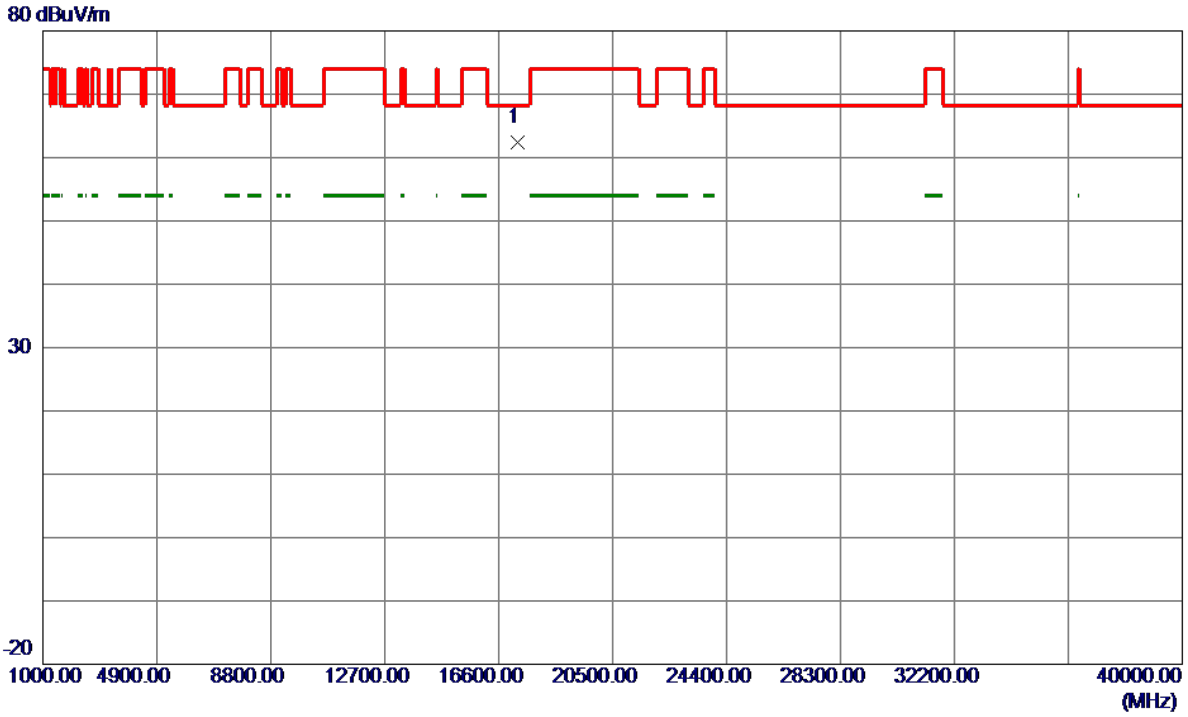
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	45.28	18.40	63.68	109.40	-45.72	Peak	
2	5725.0000	52.96	18.44	71.40	122.20	-50.80	Peak	
3 *	5765.2000	83.10	18.58	101.68	122.20	-20.52	Peak	

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

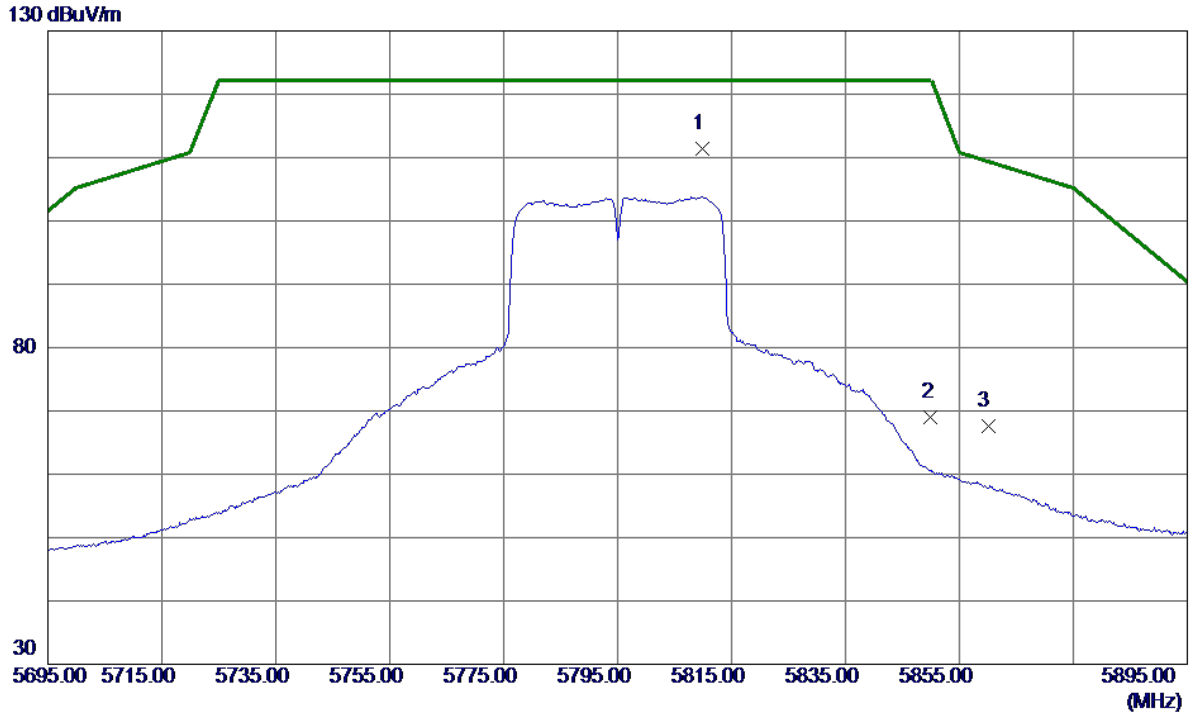
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17262.9000	40.71	21.72	62.43	68.30	-5.87	Peak	

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

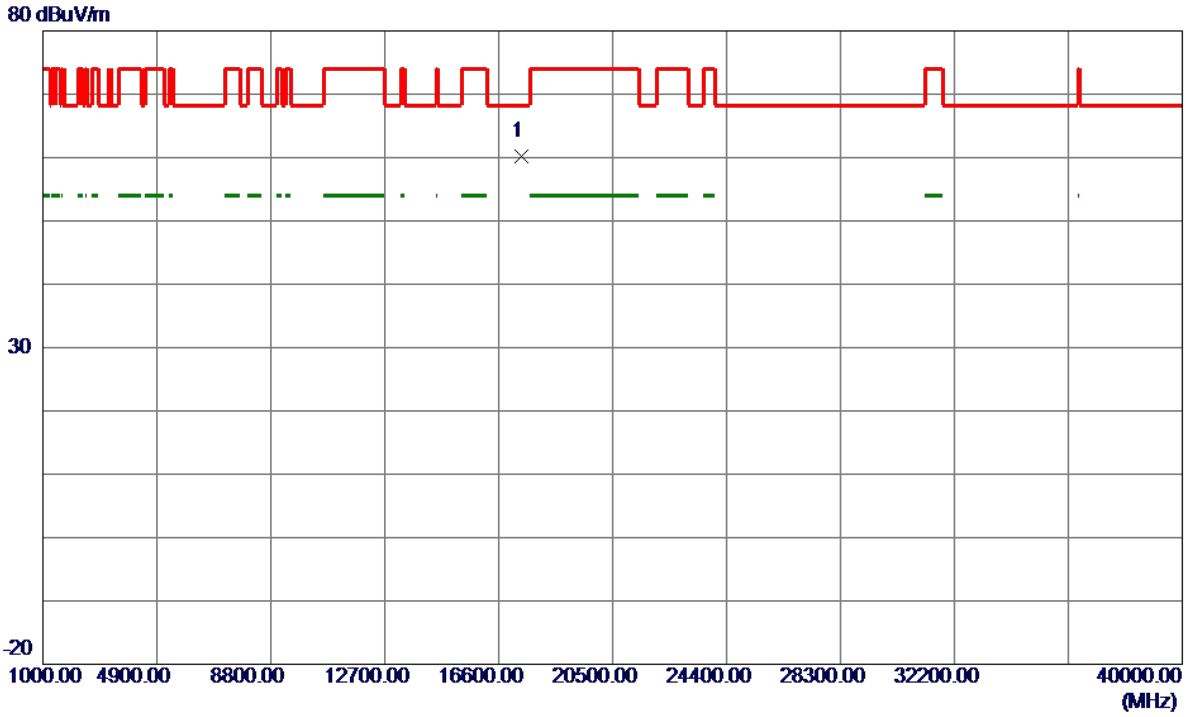
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5809.8000	92.73	18.74	111.47	122.20	-10.73	Peak	
2	5850.0000	50.17	18.88	69.05	122.20	-53.15	Peak	
3	5860.0000	48.63	18.91	67.54	109.40	-41.86	Peak	

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

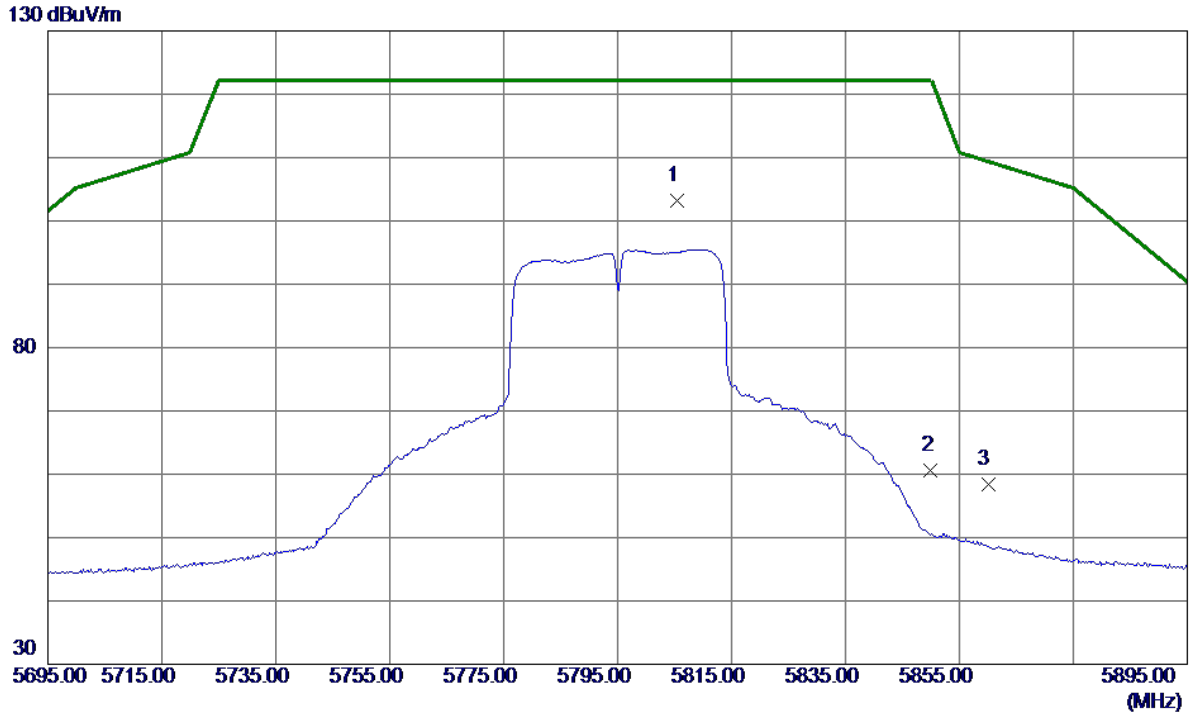
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17386.2000	38.32	21.92	60.24	68.30	-8.06	Peak	

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

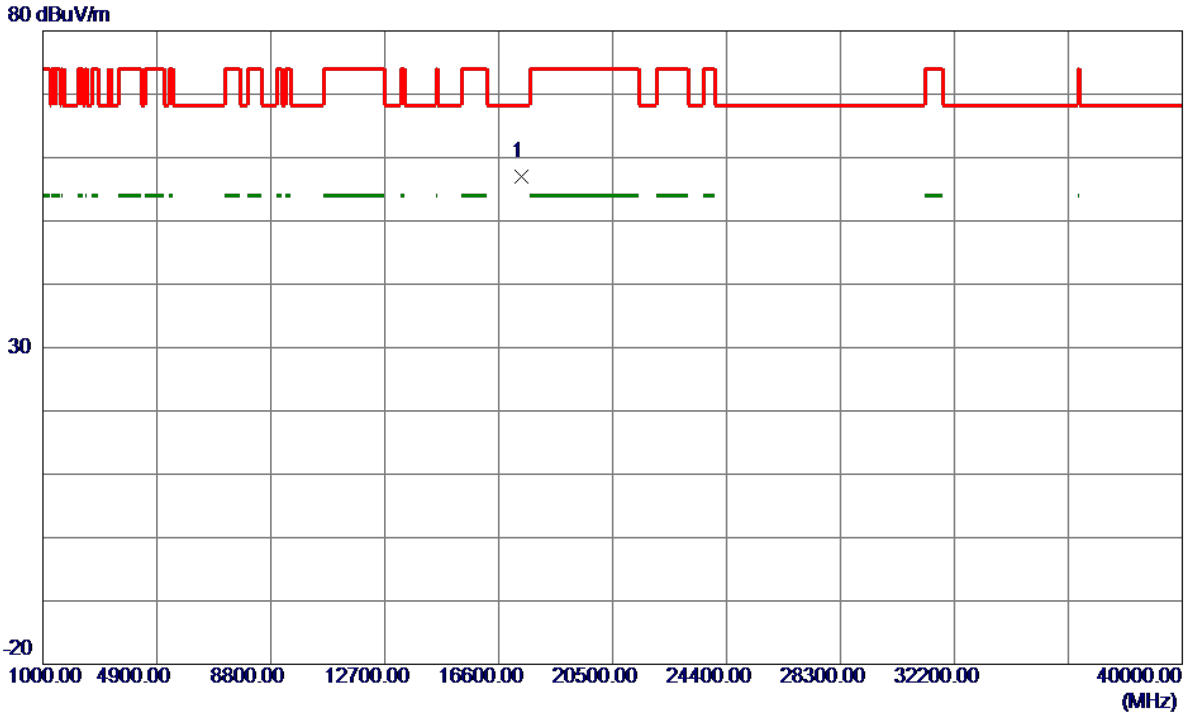
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5805.4000	84.47	18.72	103.19	122.20	-19.01	Peak	
2	5850.0000	41.74	18.88	60.62	122.20	-61.58	Peak	
3	5860.0000	39.56	18.91	58.47	109.40	-50.93	Peak	

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

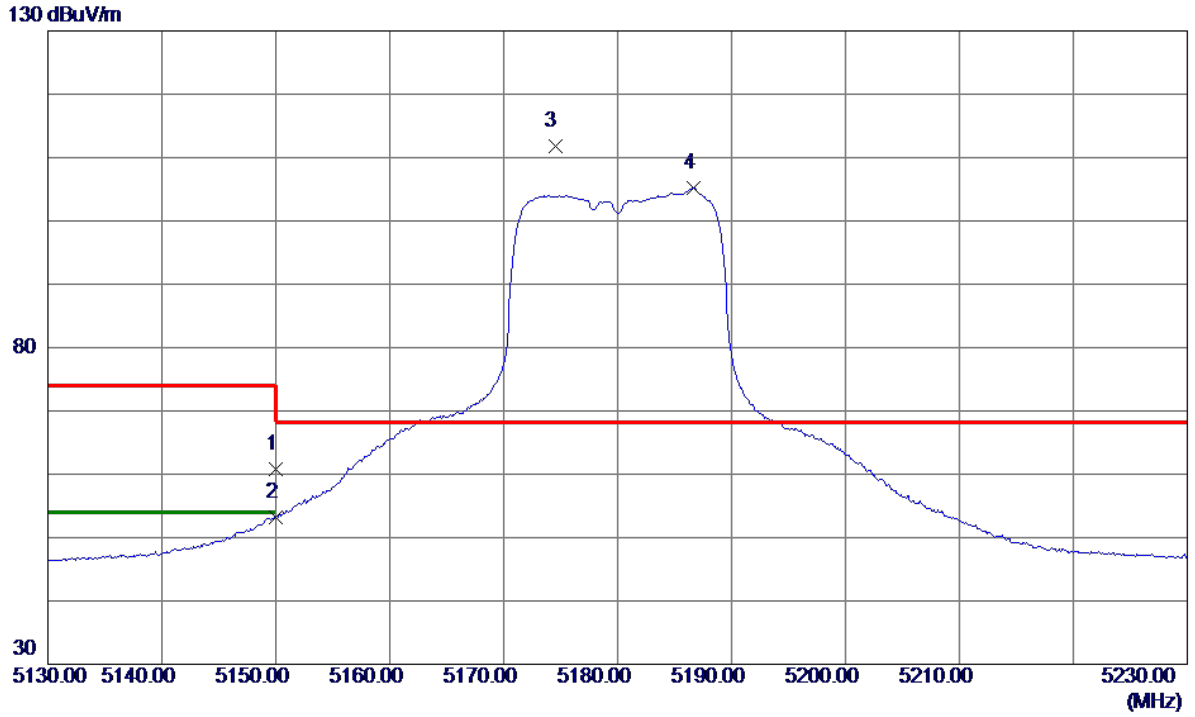
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17398.8000	34.96	21.95	56.91	68.30	-11.39	Peak	

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

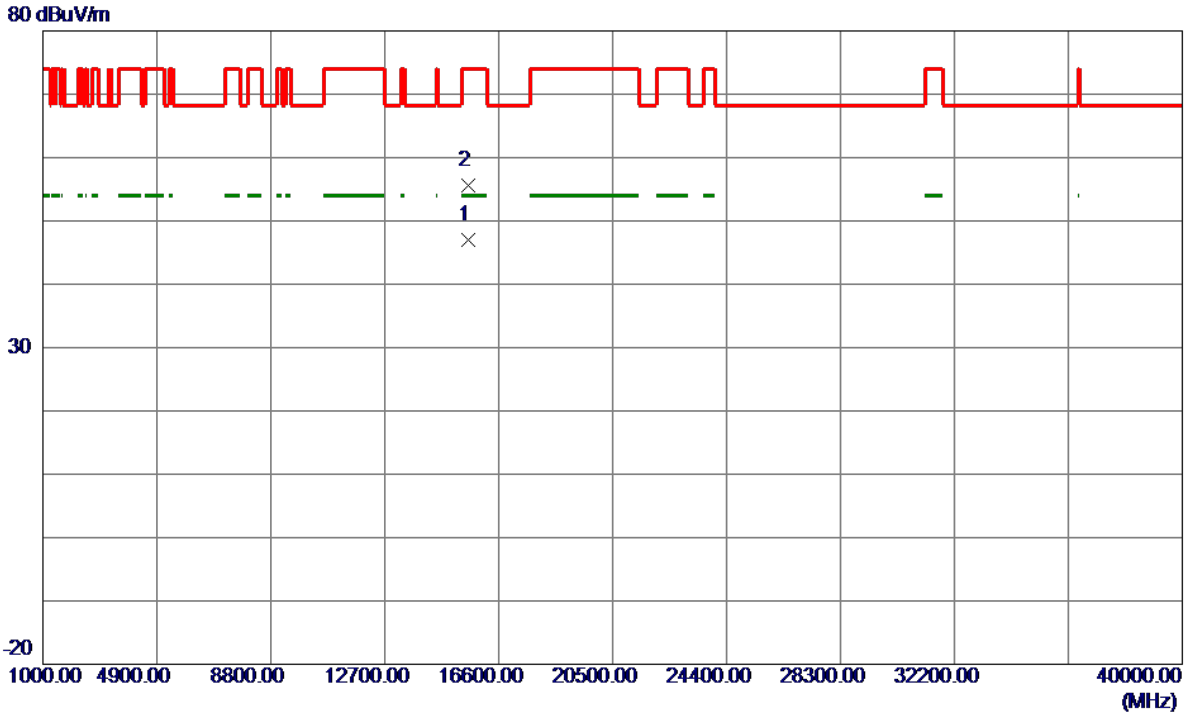
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.08	16.65	60.73	74.00	-13.27	Peak	
2	5150.0000	36.47	16.65	53.12	54.00	-0.88	AVG	
3 *	5174.5000	95.13	16.72	111.85	68.30	43.55	Peak	No Limit
4	5186.7000	88.42	16.75	105.17	999.00	-893.83	AVG	No Limit

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

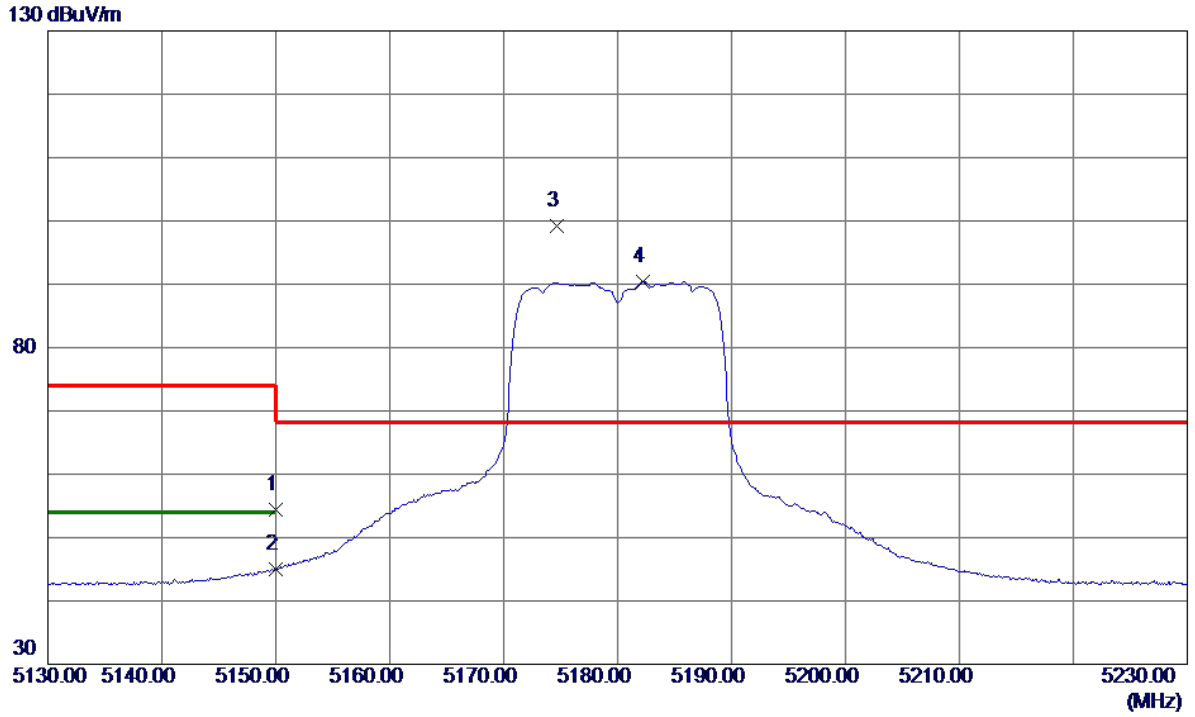
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15542.2500	28.73	18.18	46.91	54.00	-7.09	AVG	
2	15549.5000	37.47	18.18	55.65	74.00	-18.35	Peak	

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

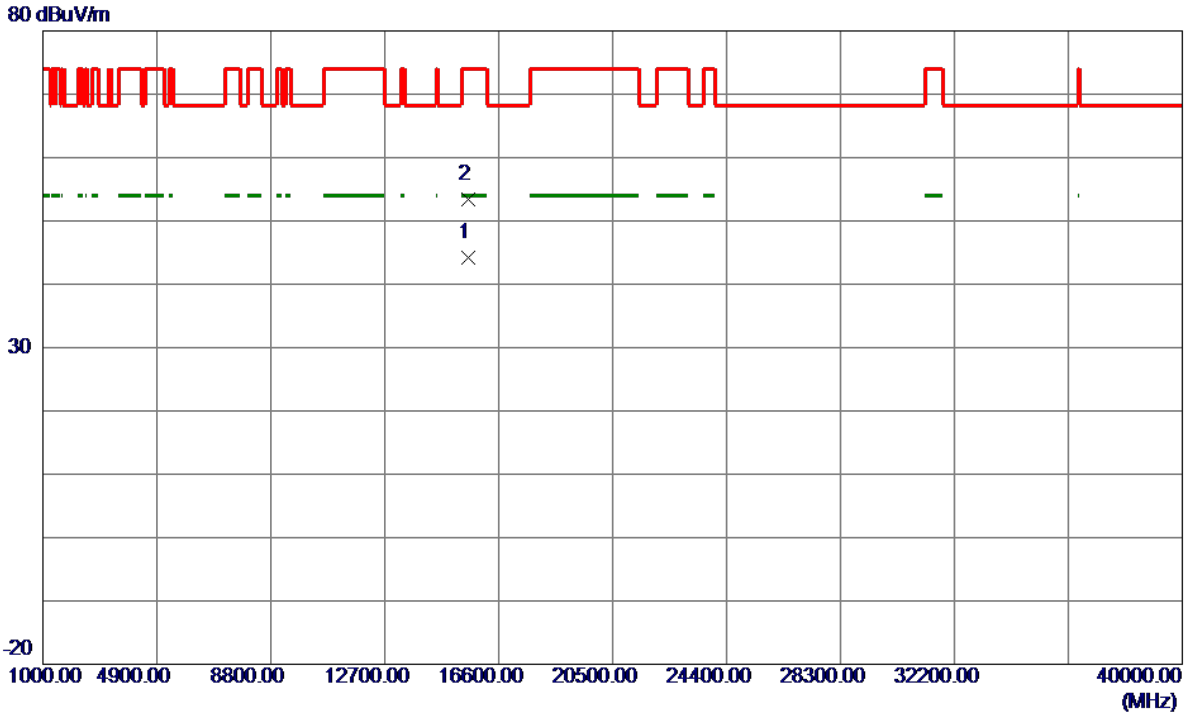
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.71	16.65	54.36	74.00	-19.64	Peak	
2	5150.0000	28.40	16.65	45.05	54.00	-8.95	AVG	
3 *	5174.7000	82.55	16.72	99.27	68.30	30.97	Peak	No Limit
4	5182.2000	73.72	16.74	90.46	999.00	-908.54	AVG	No Limit

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

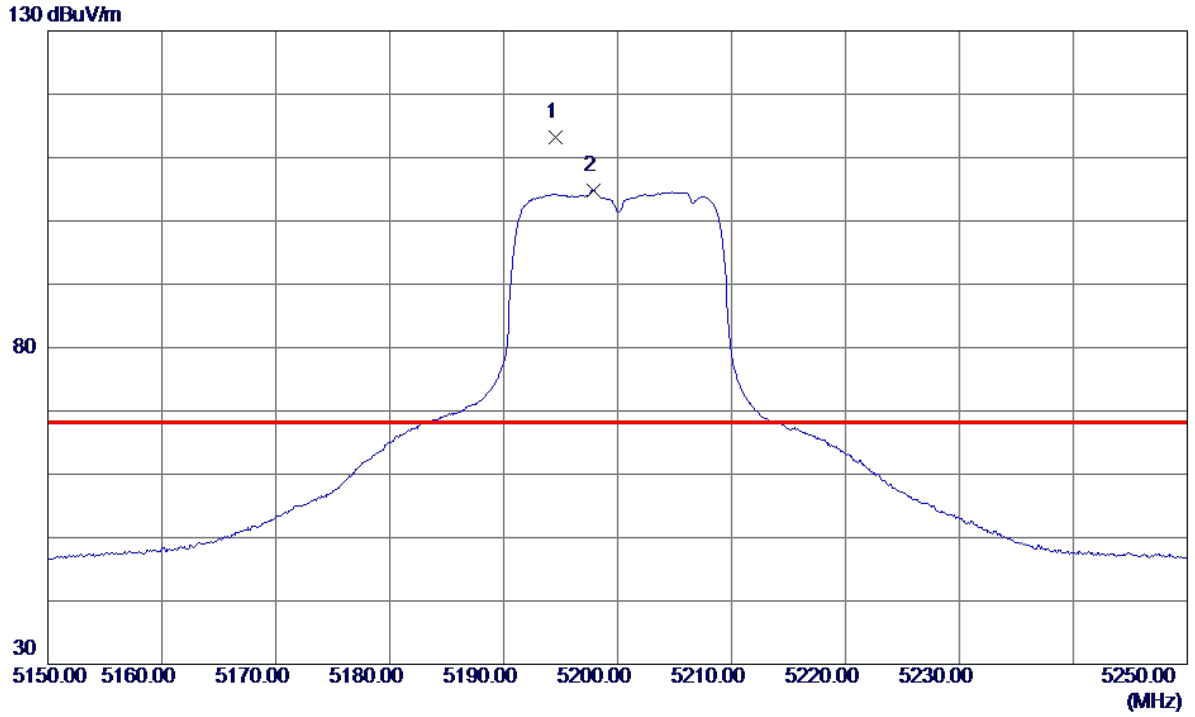
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15538.8000	26.09	18.19	44.28	54.00	-9.72	AVG	
2	15542.5000	35.15	18.18	53.33	74.00	-20.67	Peak	

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

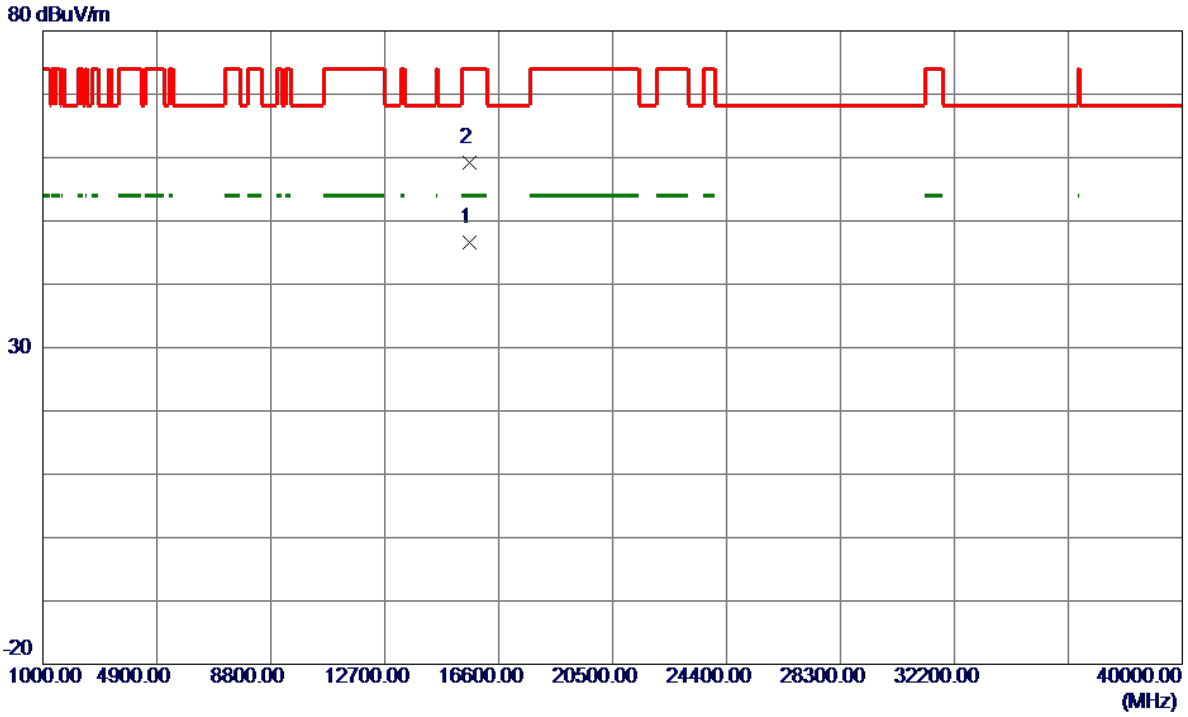
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5194.6000	96.48	16.77	113.25	68.30	44.95	Peak	No Limit
2	5197.9000	88.01	16.78	104.79	999.00	-894.21	AVG	No Limit

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

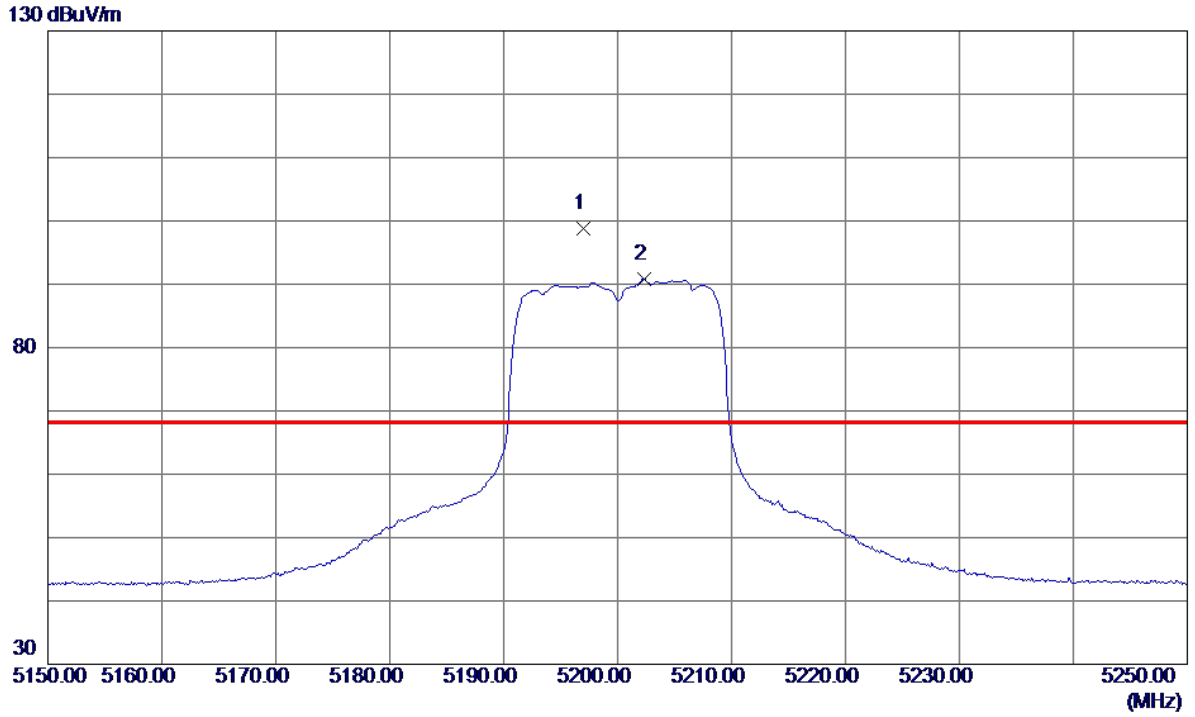
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15602.4000	28.51	18.17	46.68	54.00	-7.32	AVG	
2	15603.2500	41.01	18.17	59.18	74.00	-14.82	Peak	

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

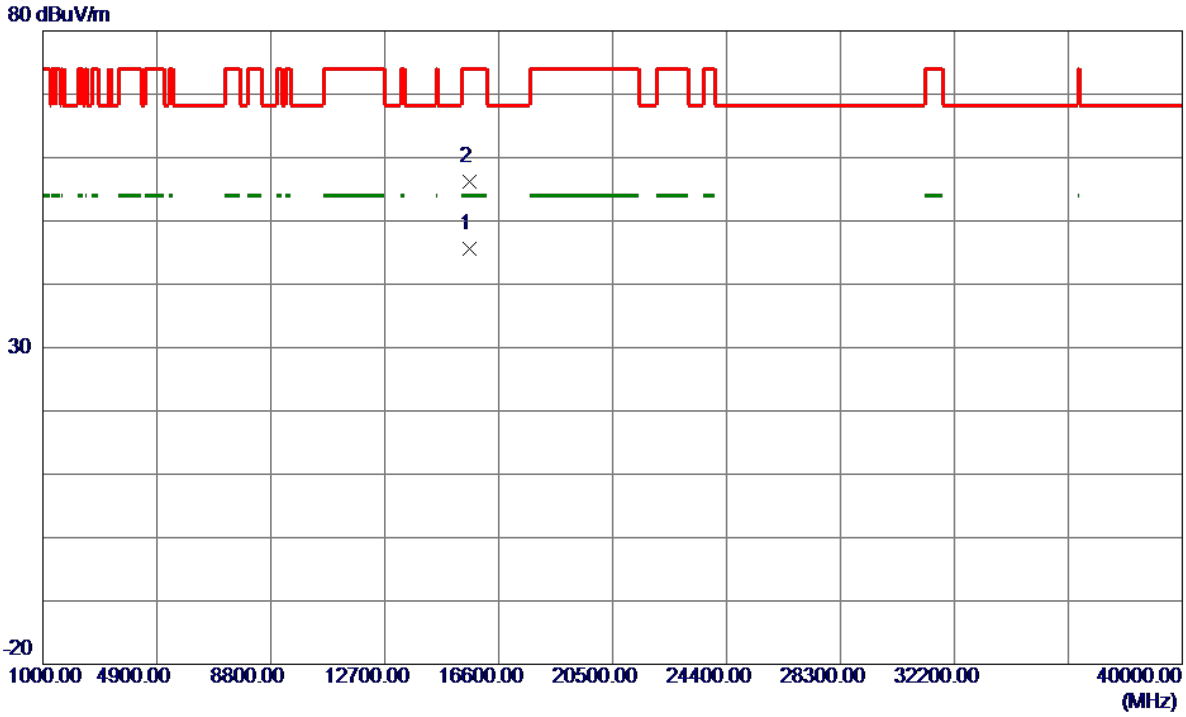
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5197.0000	82.03	16.78	98.81	68.30	30.51	Peak	No Limit
2	5202.3000	74.06	16.79	90.85	999.00	-908.15	AVG	No Limit

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

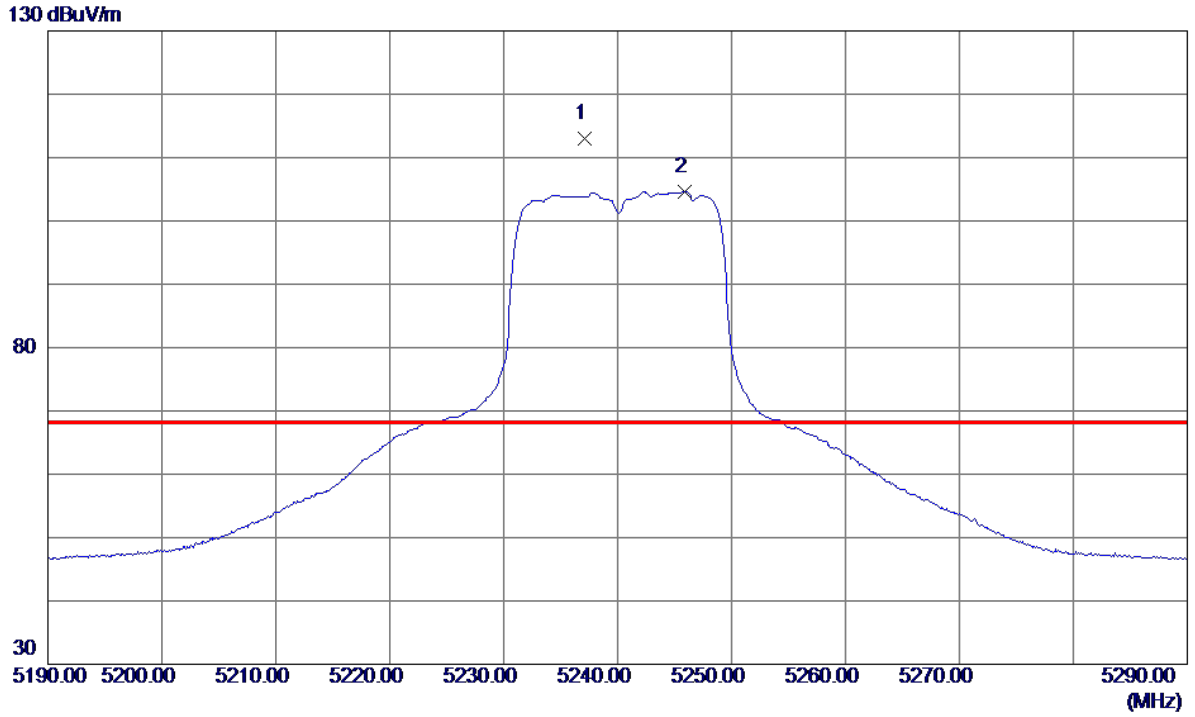
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15602.1000	27.50	18.17	45.67	54.00	-8.33	AVG	
2	15604.6000	38.10	18.17	56.27	74.00	-17.73	Peak	

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

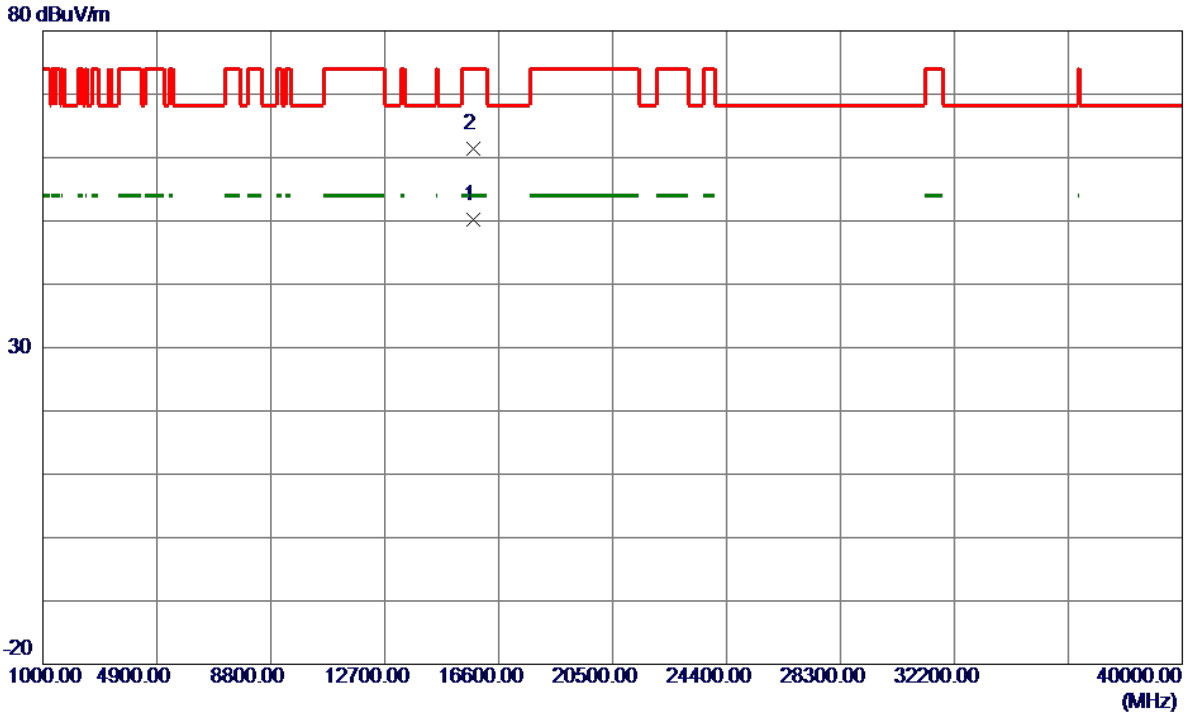
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5237.1000	96.14	16.89	113.03	68.30	44.73	Peak	No Limit
2	5245.9000	87.77	16.92	104.69	999.00	-894.31	AVG	No Limit

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

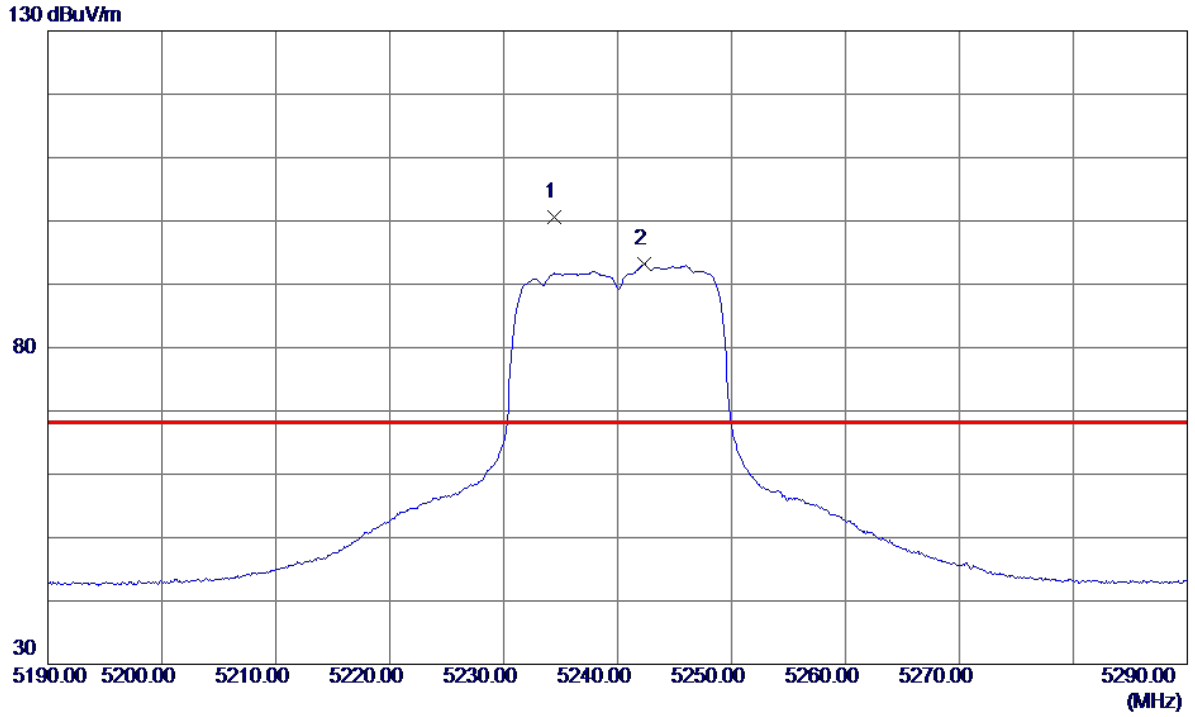
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15721.7500	32.09	18.14	50.23	54.00	-3.77	AVG	
2	15727.8000	43.32	18.14	61.46	74.00	-12.54	Peak	

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

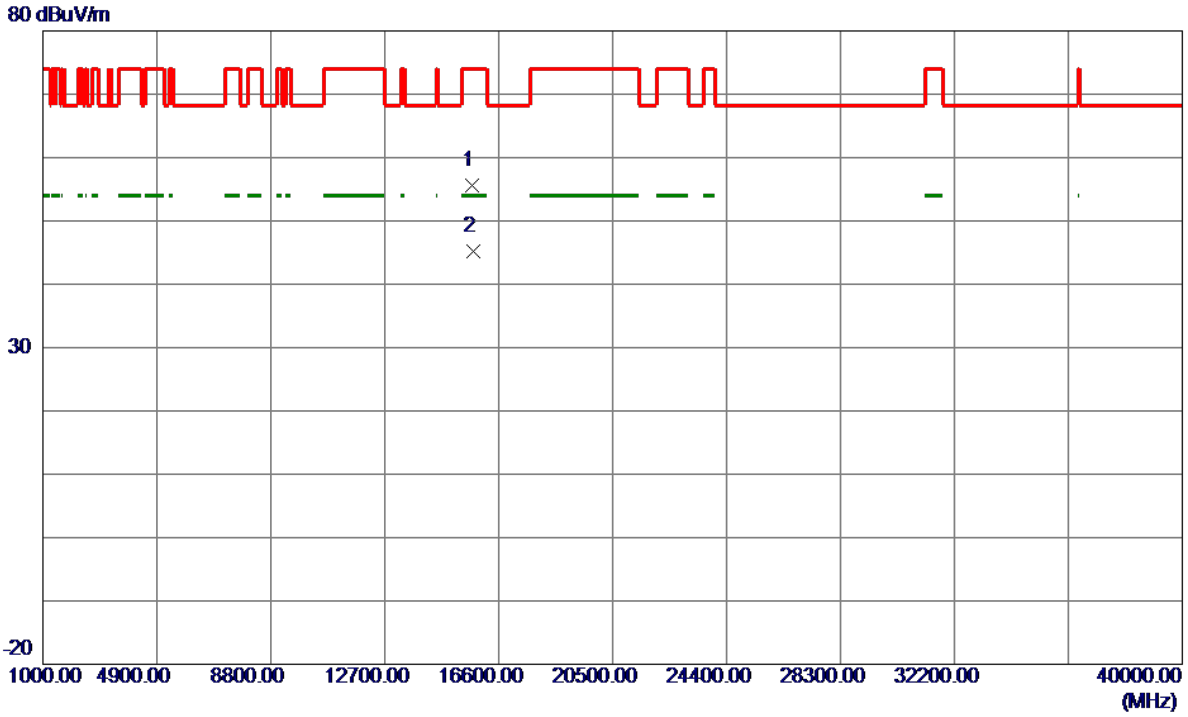
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5234.4000	83.71	16.89	100.60	68.30	32.30	Peak	No Limit
2	5242.3000	76.31	16.91	93.22	999.00	-905.78	AVG	No Limit

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

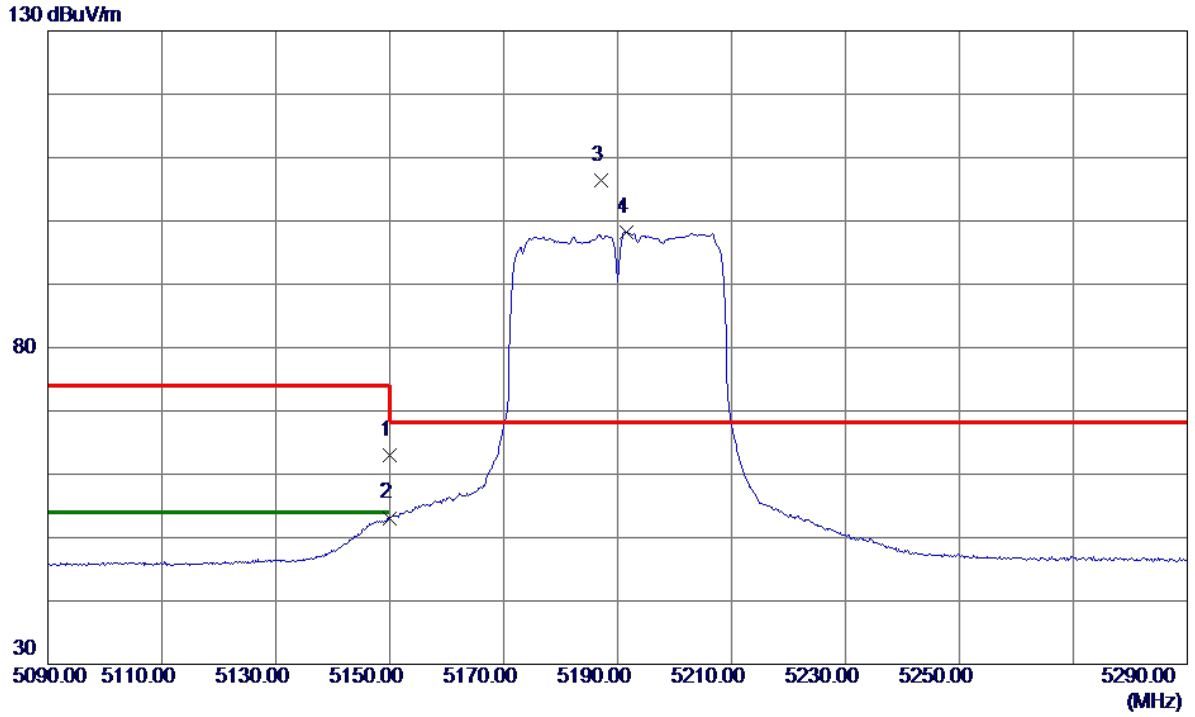
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15711.6500	37.43	18.14	55.57	74.00	-18.43	Peak	
2 *	15724.3500	27.02	18.14	45.16	54.00	-8.84	AVG	

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

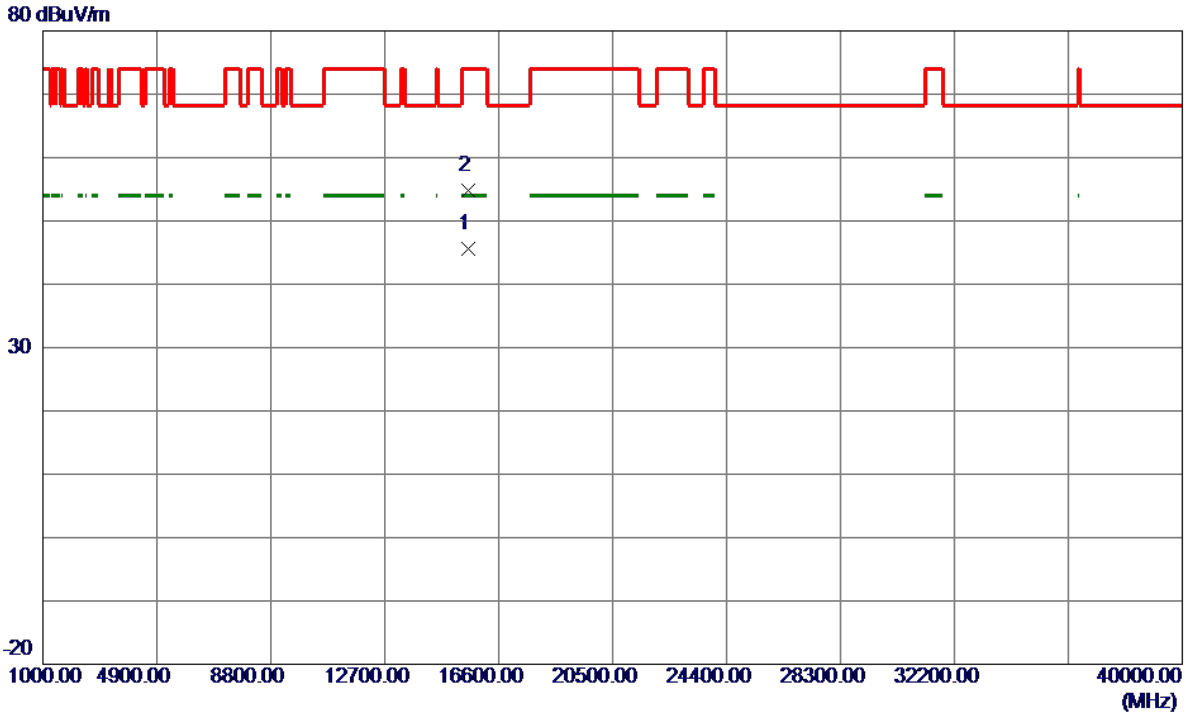
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46.32	16.65	62.97	74.00	-11.03	Peak	
2	5150.0000	36.45	16.65	53.10	54.00	-0.90	AVG	
3 *	5187.2000	89.60	16.75	106.35	68.30	38.05	Peak	No Limit
4	5191.6000	81.43	16.76	98.19	999.00	-900.81	AVG	No Limit

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

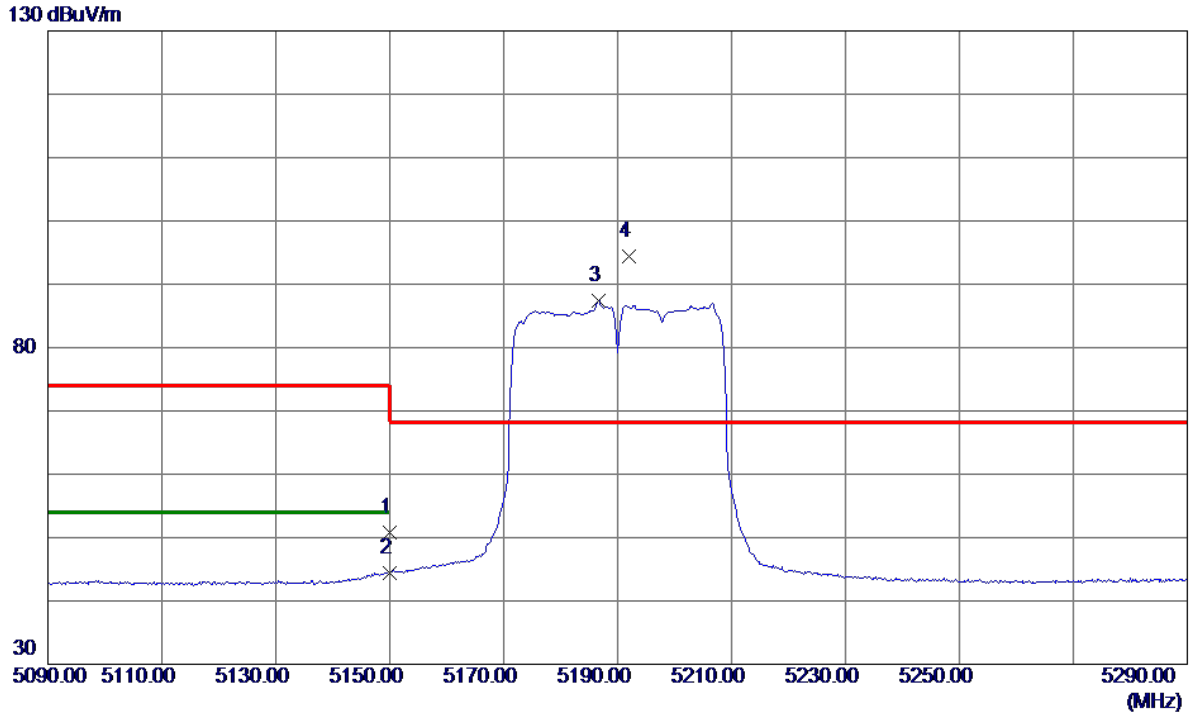
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15569.3500	27.42	18.18	45.60	54.00	-8.40	AVG	
2	15570.4000	36.61	18.18	54.79	74.00	-19.21	Peak	

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

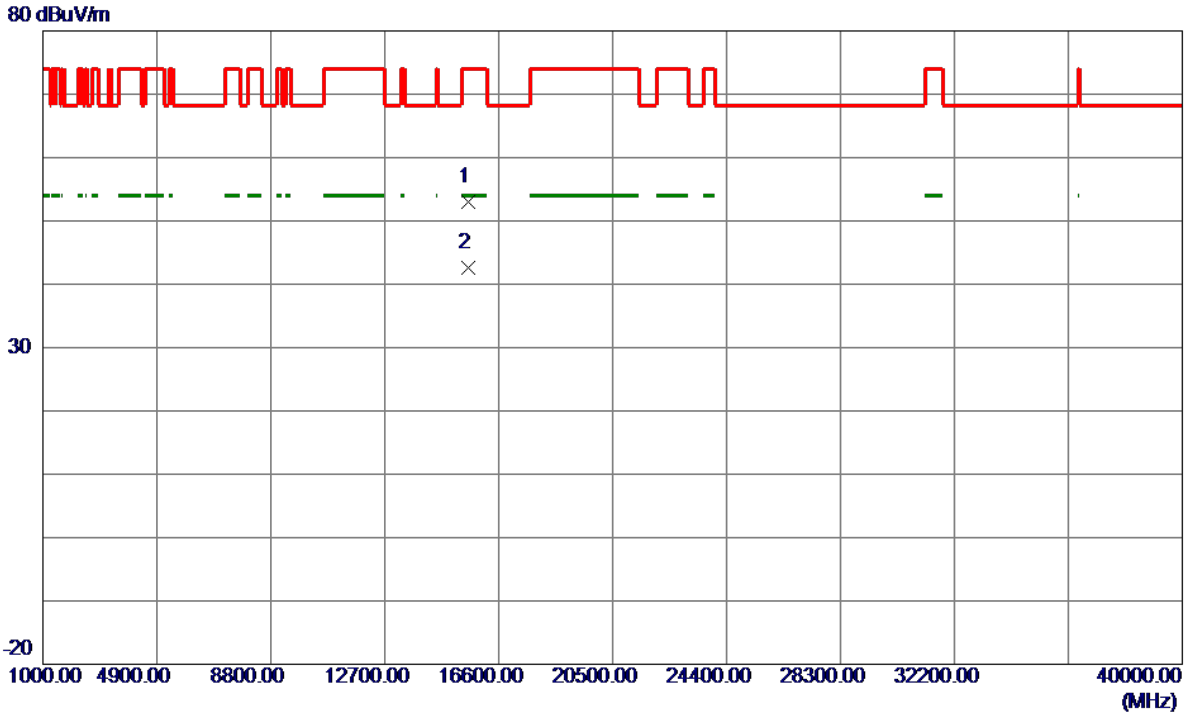
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	34.16	16.65	50.81	74.00	-23.19	Peak	
2	5150.0000	27.67	16.65	44.32	54.00	-9.68	AVG	
3	5186.6000	70.60	16.75	87.35	999.00	-911.65	AVG	No Limit
4 *	5192.0000	77.71	16.77	94.48	68.30	26.18	Peak	No Limit

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

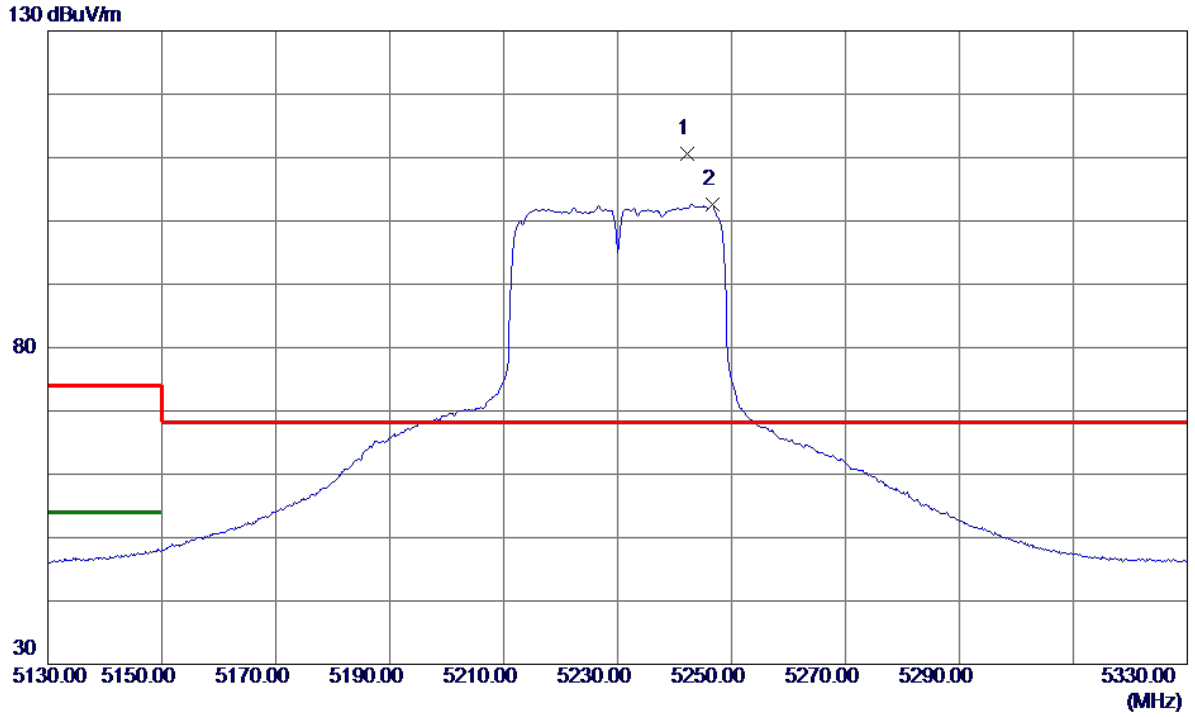
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15560.5000	34.85	18.18	53.03	74.00	-20.97	Peak	
2 *	15579.7500	24.40	18.18	42.58	54.00	-11.42	AVG	

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

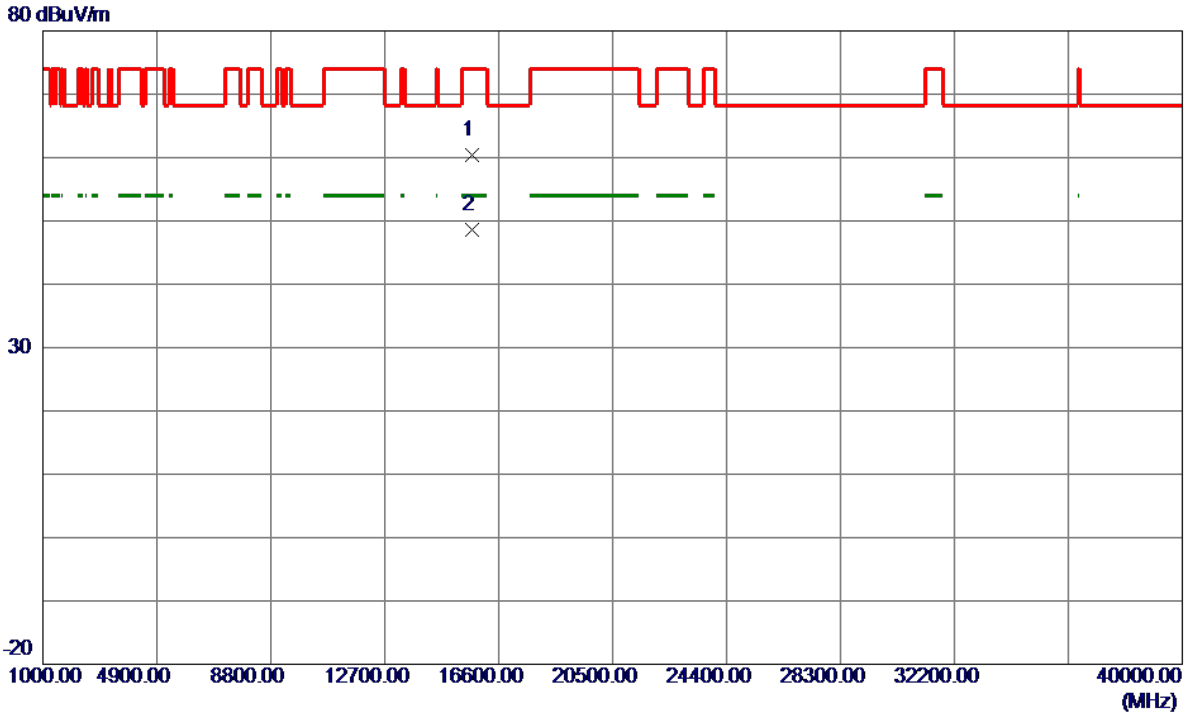
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5242.2000	93.63	16.91	110.54	68.30	42.24	Peak	No Limit
2	5246.6000	85.70	16.92	102.62	999.00	-896.38	AVG	No Limit

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

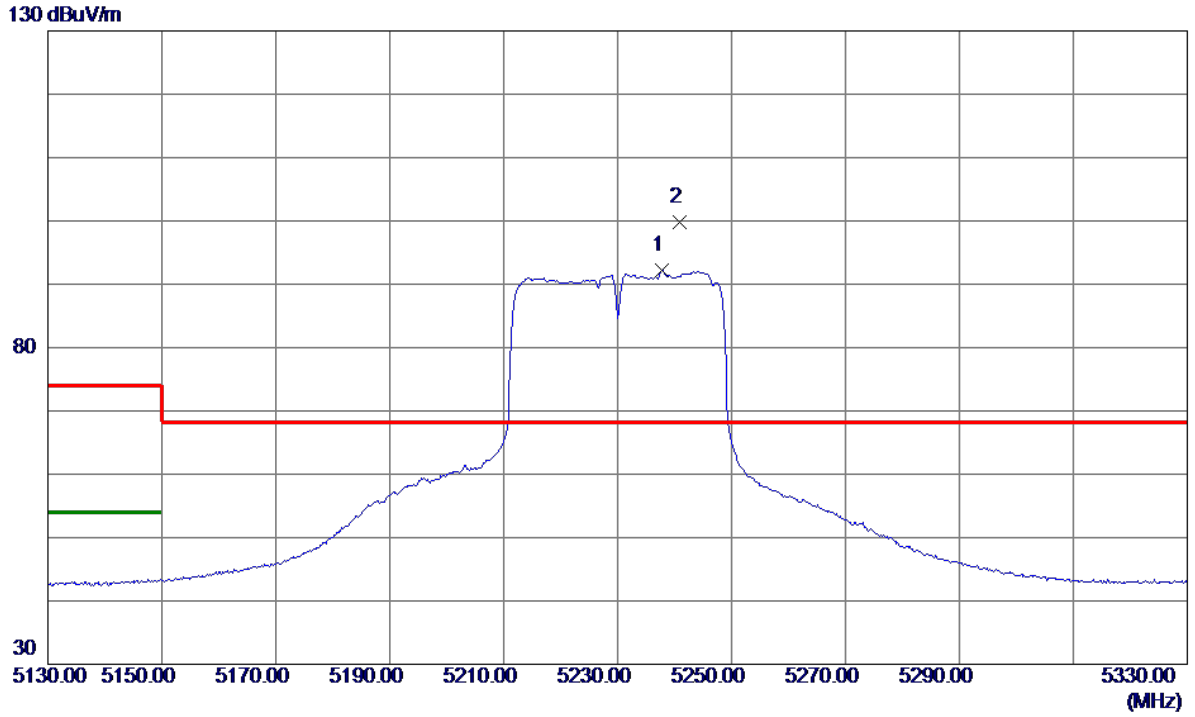
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15675.4000	42.30	18.15	60.45	74.00	-13.55	Peak	
2 *	15700.0500	30.39	18.14	48.53	54.00	-5.47	AVG	

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

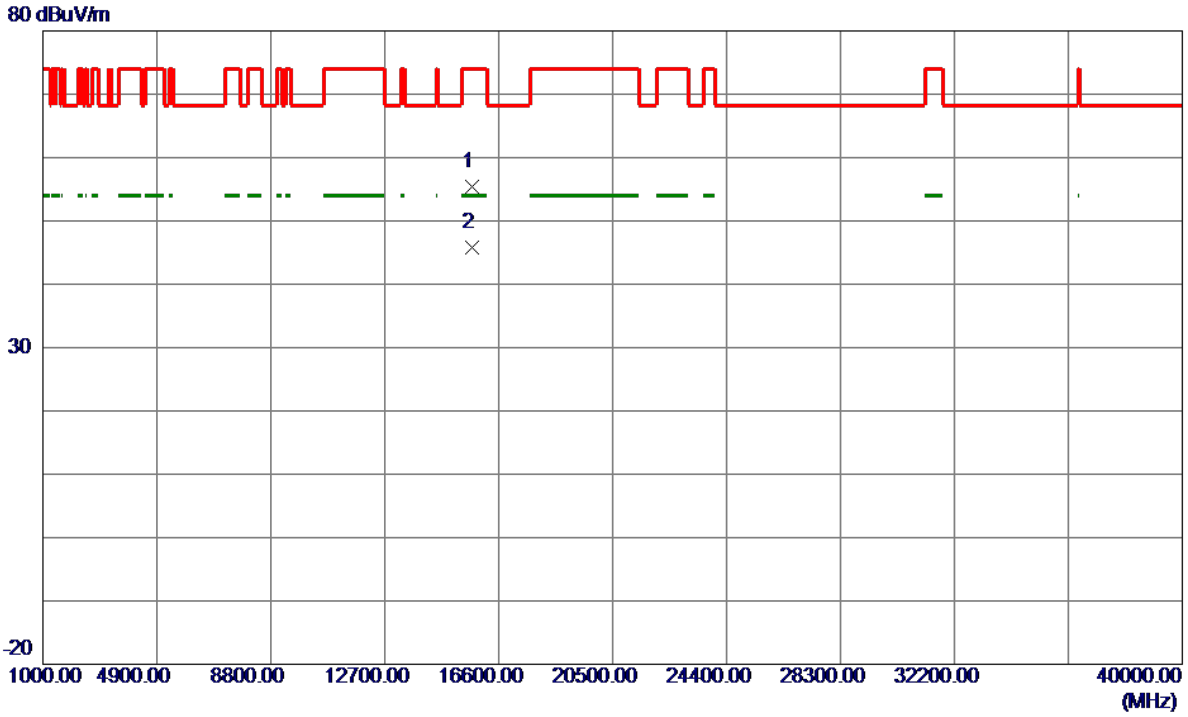
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5237.8000	75.30	16.90	92.20	999.00	-906.80	AVG	No Limit
2 *	5240.8000	82.99	16.90	99.89	68.30	31.59	Peak	No Limit

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

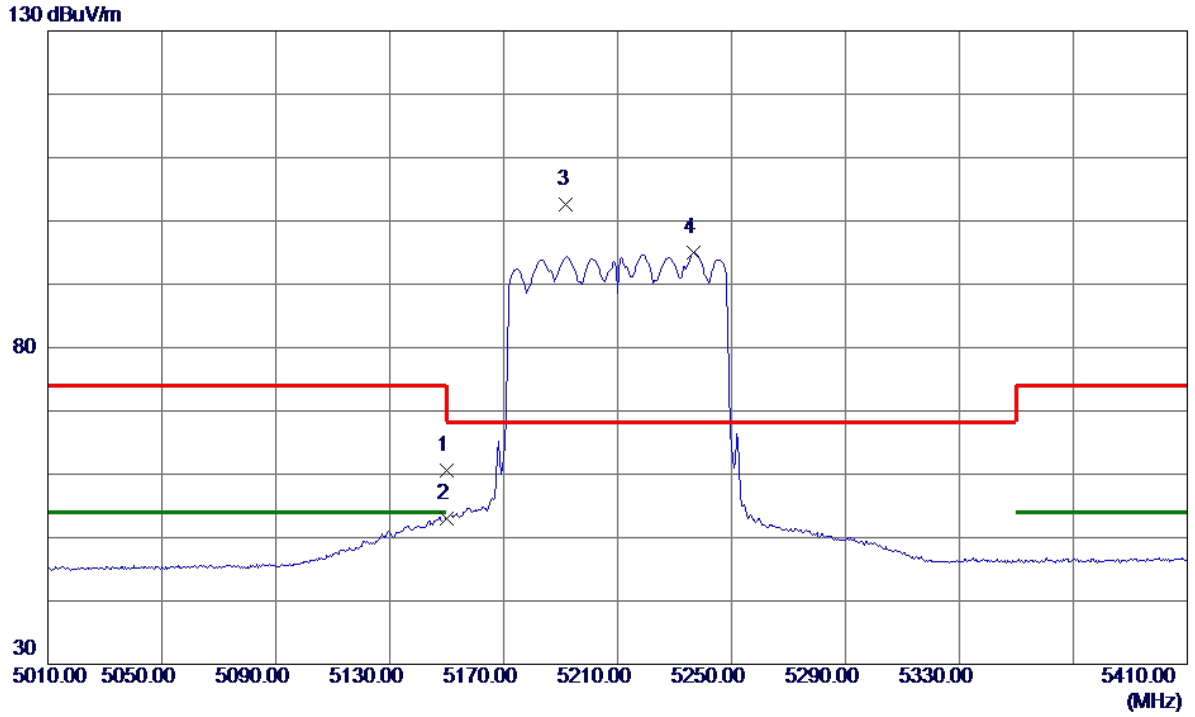
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15684.9500	37.30	18.15	55.45	74.00	-18.55	Peak	
2 *	15690.0000	27.56	18.15	45.71	54.00	-8.29	AVG	

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

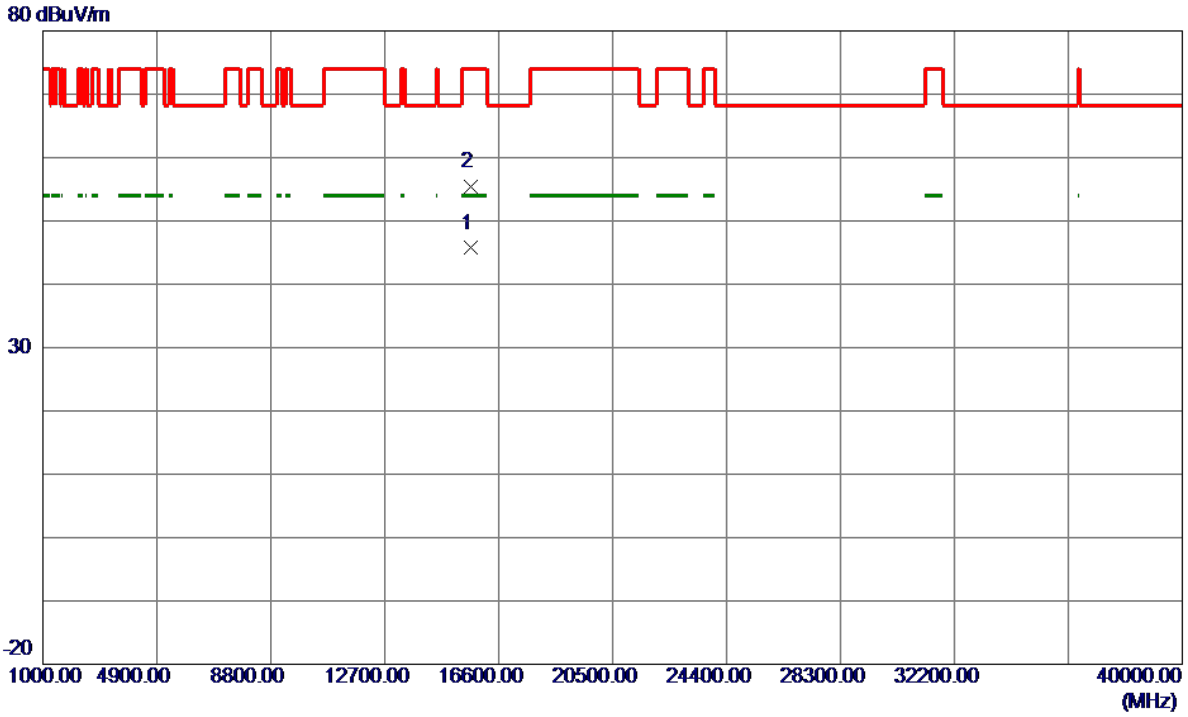
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.02	16.65	60.67	74.00	-13.33	Peak	
2	5150.0000	36.40	16.65	53.05	54.00	-0.95	AVG	
3 *	5192.0000	85.92	16.77	102.69	68.30	34.39	Peak	No Limit
4	5236.8000	78.06	16.89	94.95	999.00	-904.05	AVG	No Limit

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

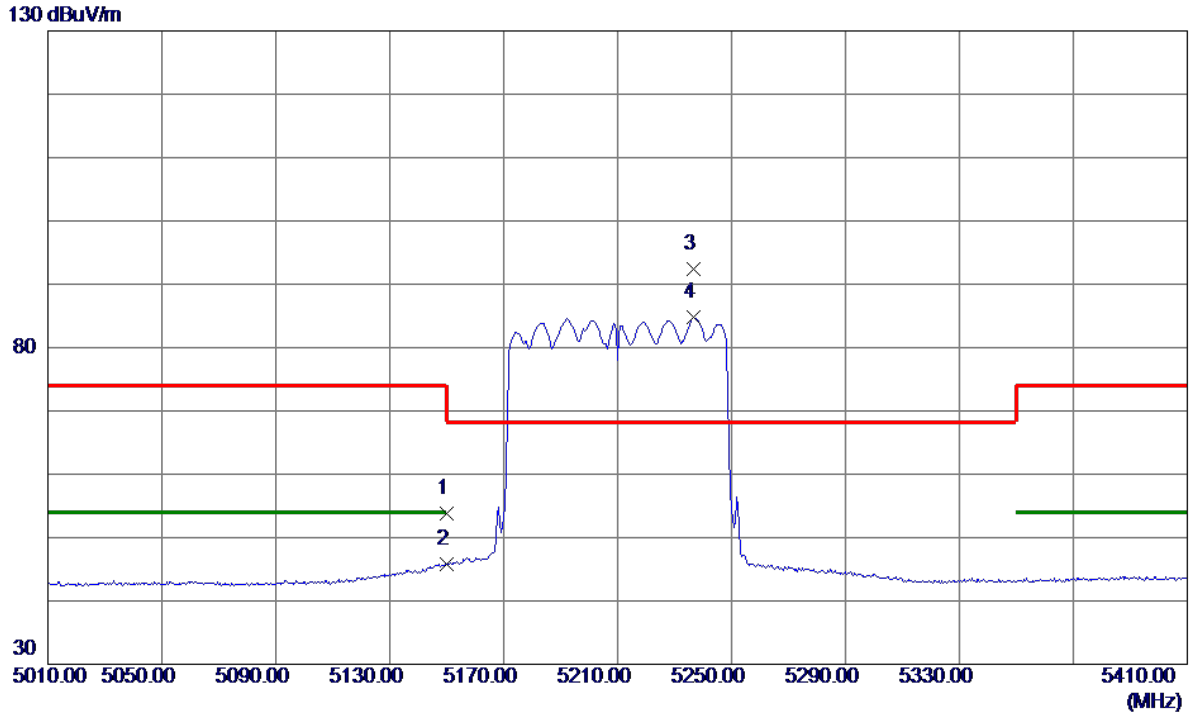
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	15647.6500	27.54	18.16	45.70	54.00	-8.30	AVG	
2	15649.9000	37.15	18.16	55.31	74.00	-18.69	Peak	

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

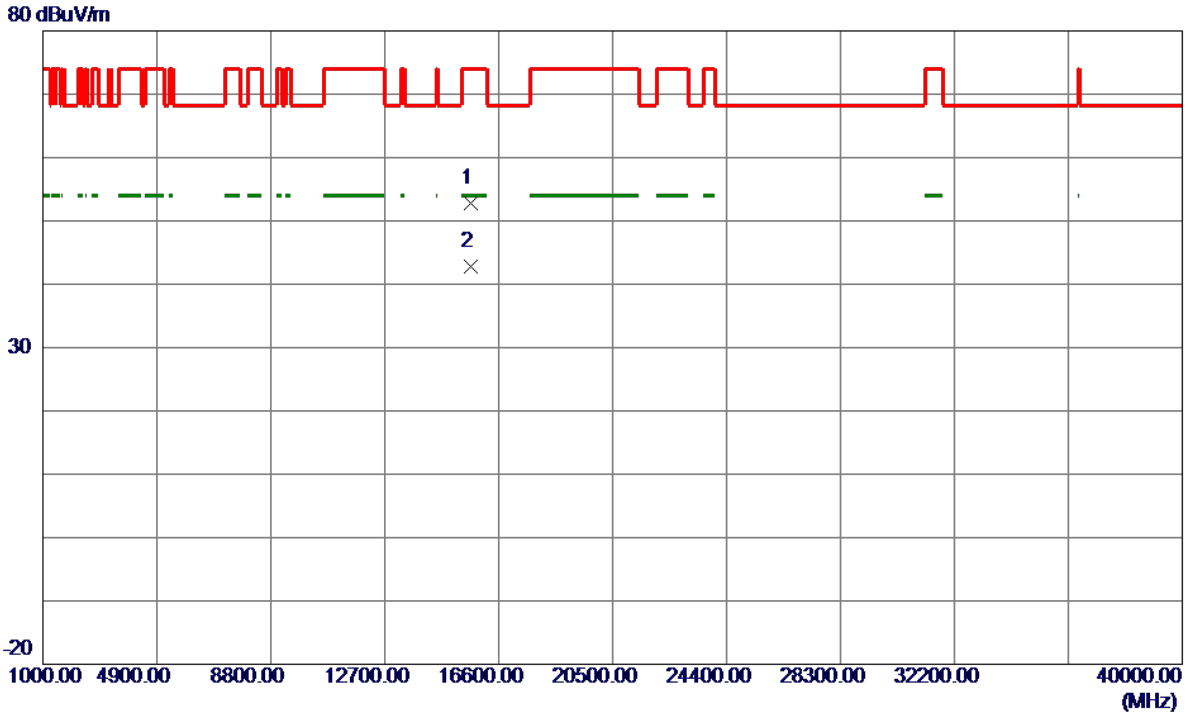
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.23	16.65	53.88	74.00	-20.12	Peak	
2	5150.0000	29.08	16.65	45.73	54.00	-8.27	AVG	
3 *	5236.8000	75.45	16.89	92.34	68.30	24.04	Peak	No Limit
4	5236.8000	67.82	16.89	84.71	999.00	-914.29	AVG	No Limit

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

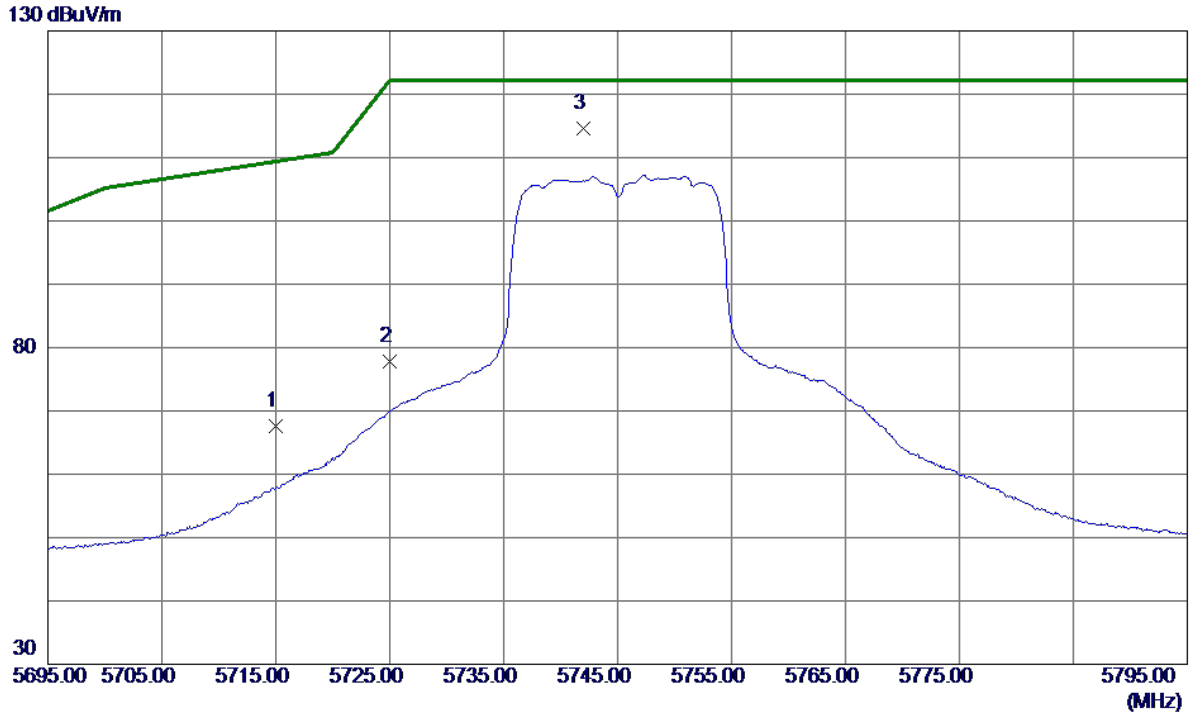
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15628.6500	34.66	18.16	52.82	74.00	-21.18	Peak	
2 *	15637.9500	24.59	18.16	42.75	54.00	-11.25	AVG	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	49.12	18.40	67.52	109.40	-41.88	Peak	
2	5725.0000	59.34	18.44	77.78	122.20	-44.42	Peak	
3 *	5742.0000	96.05	18.50	114.55	122.20	-7.65	Peak	

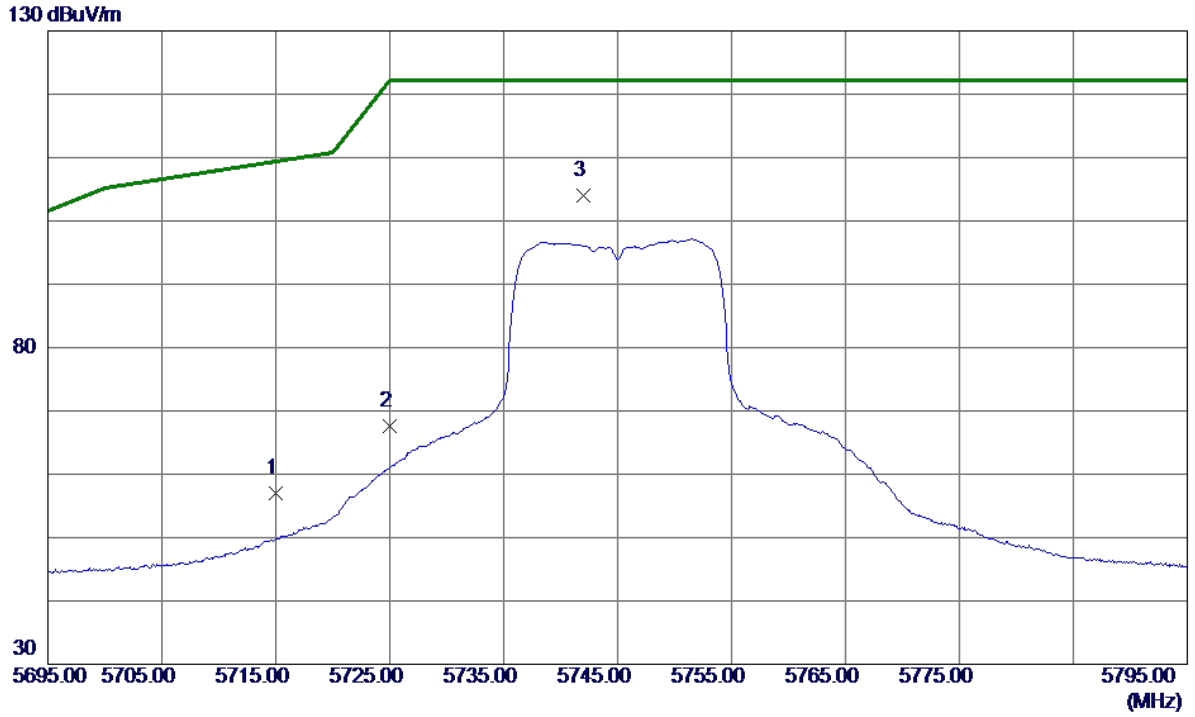
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17239.4000	45.68	21.68	67.36	68.30	-0.94	Peak	

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

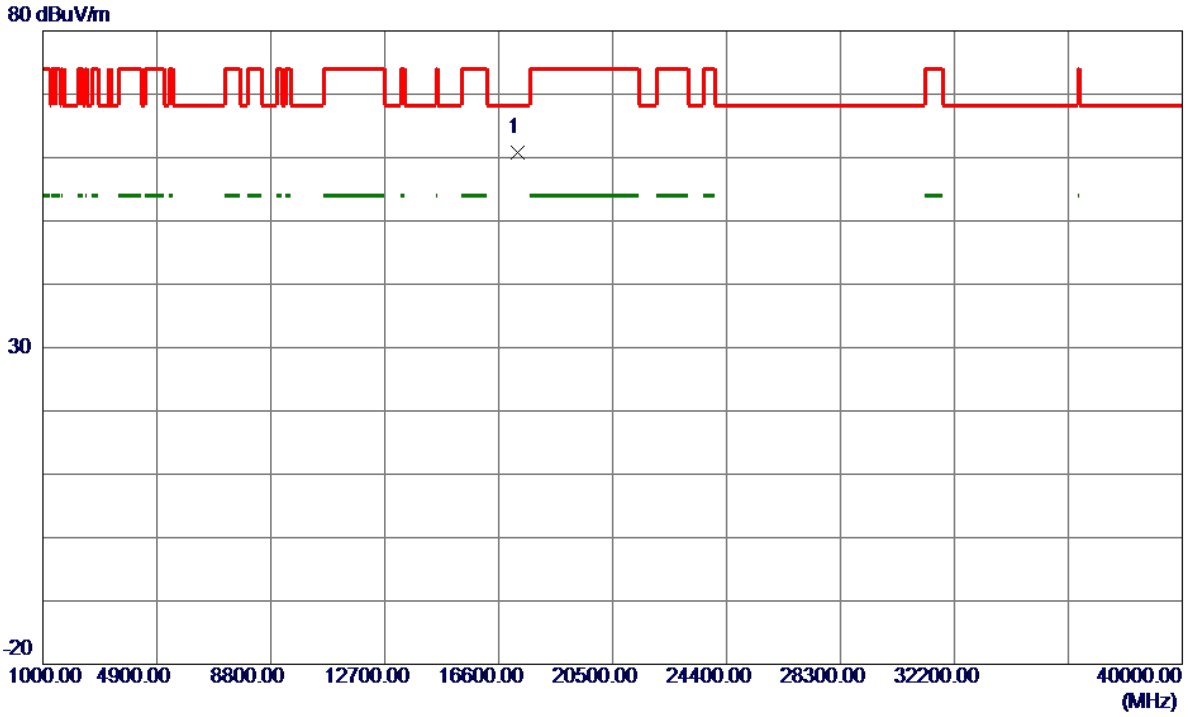
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	38.58	18.40	56.98	109.40	-52.42	Peak	
2	5725.0000	49.15	18.44	67.59	122.20	-54.61	Peak	
3 *	5742.0000	85.59	18.50	104.09	122.20	-18.11	Peak	

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

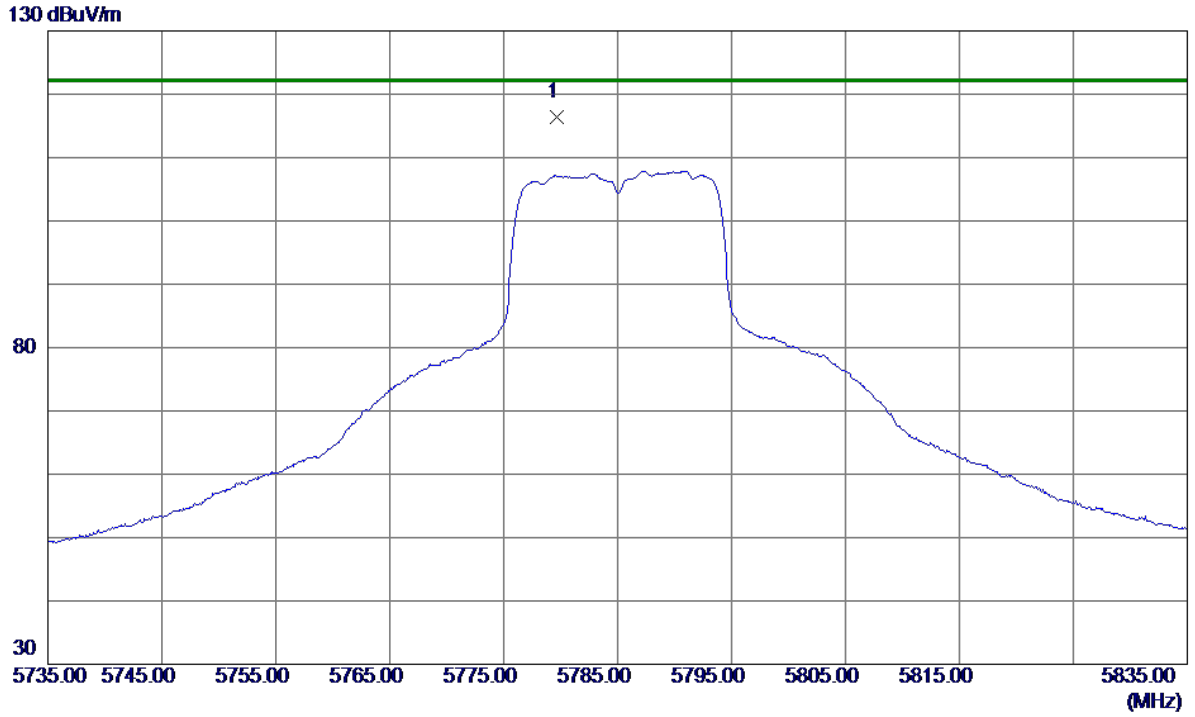
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17234.1000	39.15	21.67	60.82	68.30	-7.48	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5779.7000	97.83	18.63	116.46	122.20	-5.74	Peak	

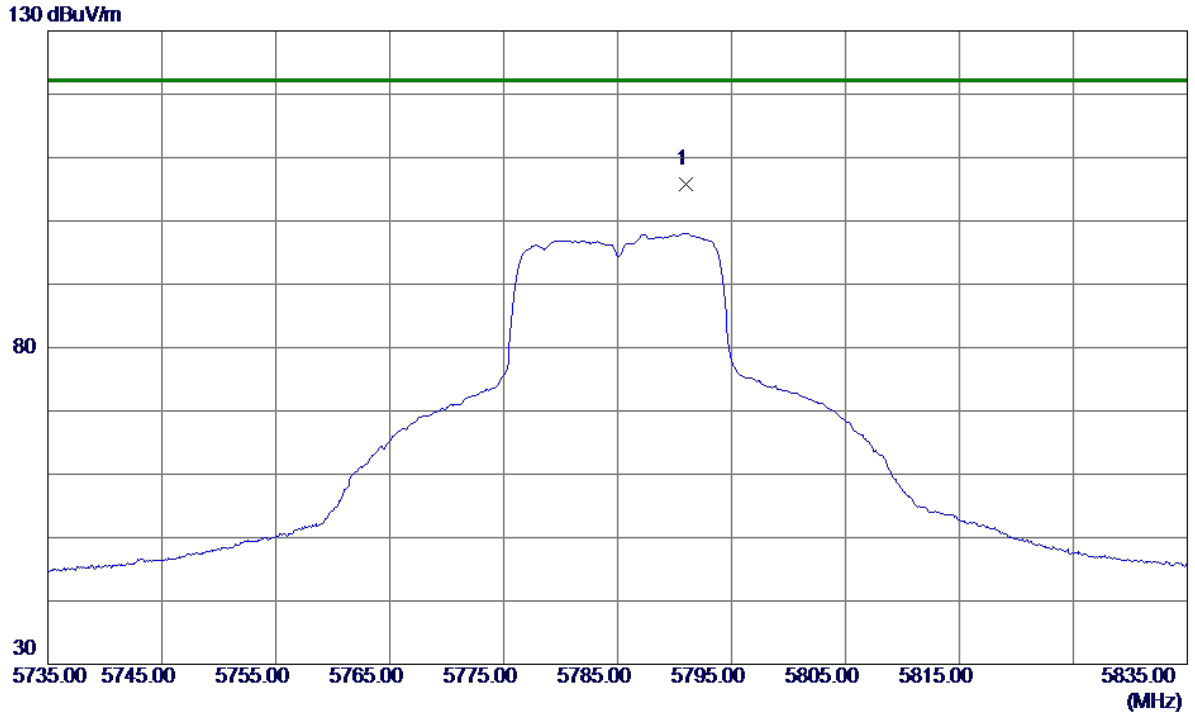
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17363.5500	43.39	21.89	65.28	68.30	-3.02	Peak	

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

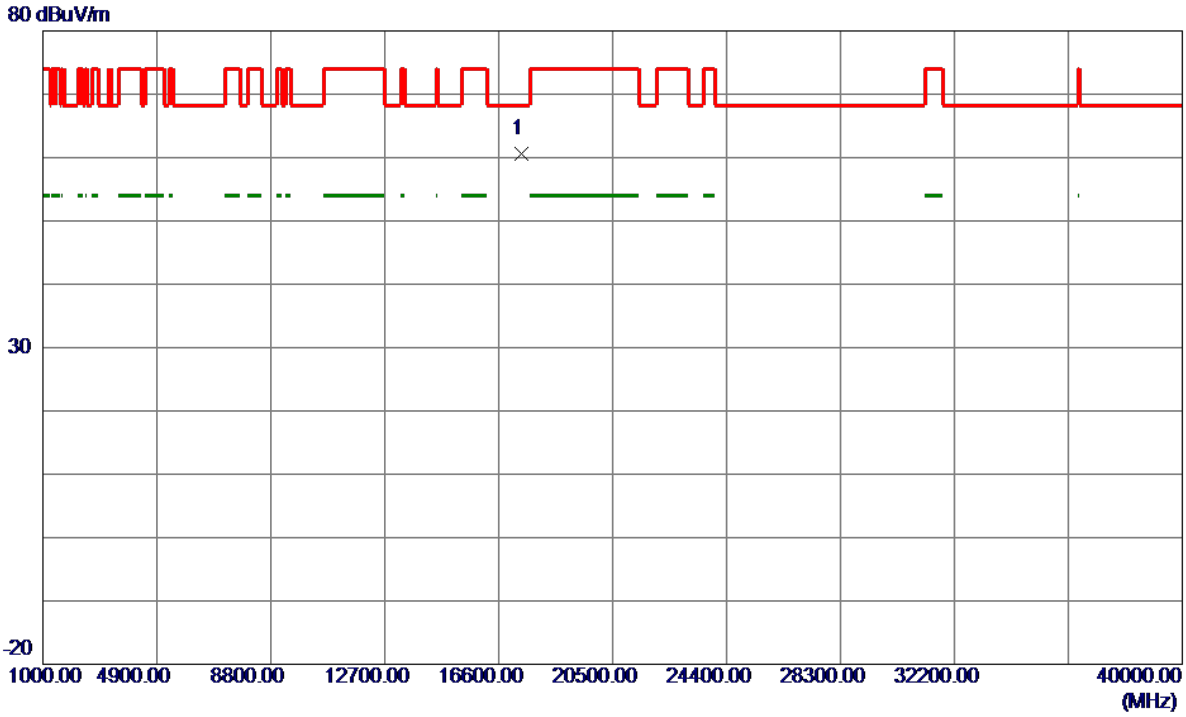
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.0000	87.17	18.67	105.84	122.20	-16.36	Peak	

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

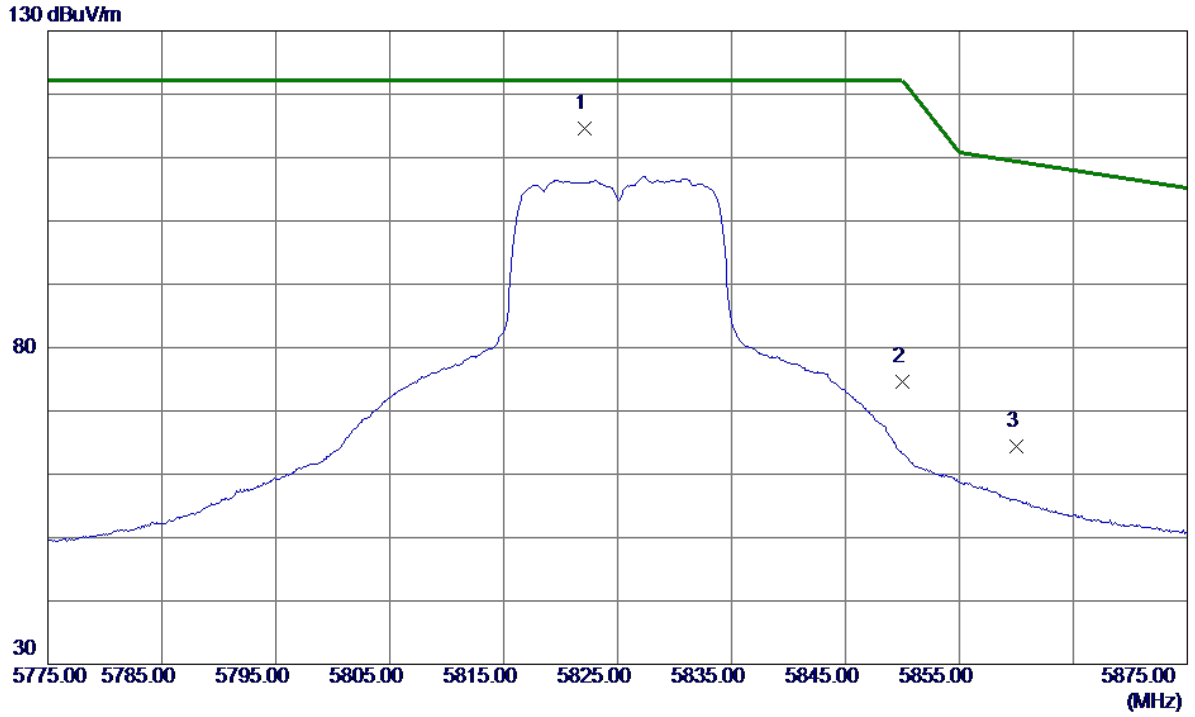
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17368.6000	38.66	21.90	60.56	68.30	-7.74	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5822.1000	95.83	18.78	114.61	122.20	-7.59	Peak	
2	5850.0000	55.63	18.88	74.51	122.20	-47.69	Peak	
3	5860.0000	45.45	18.91	64.36	109.40	-45.04	Peak	

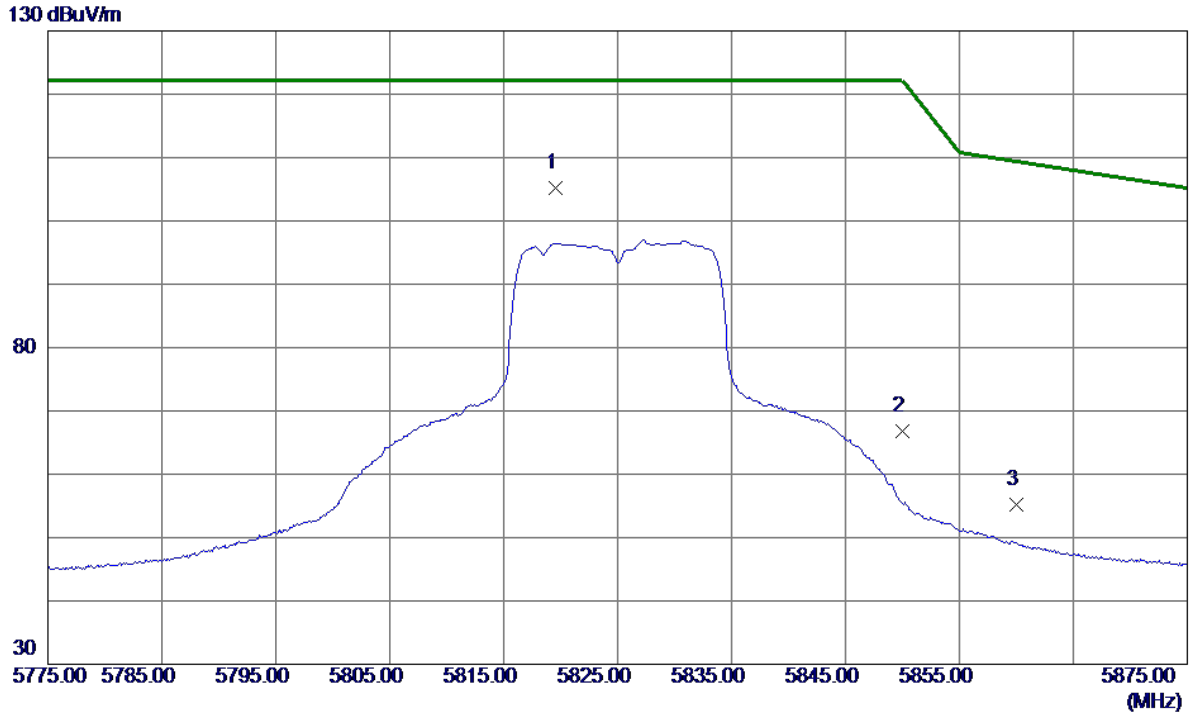
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17478.0000	41.89	22.08	63.97	68.30	-4.33	Peak	

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

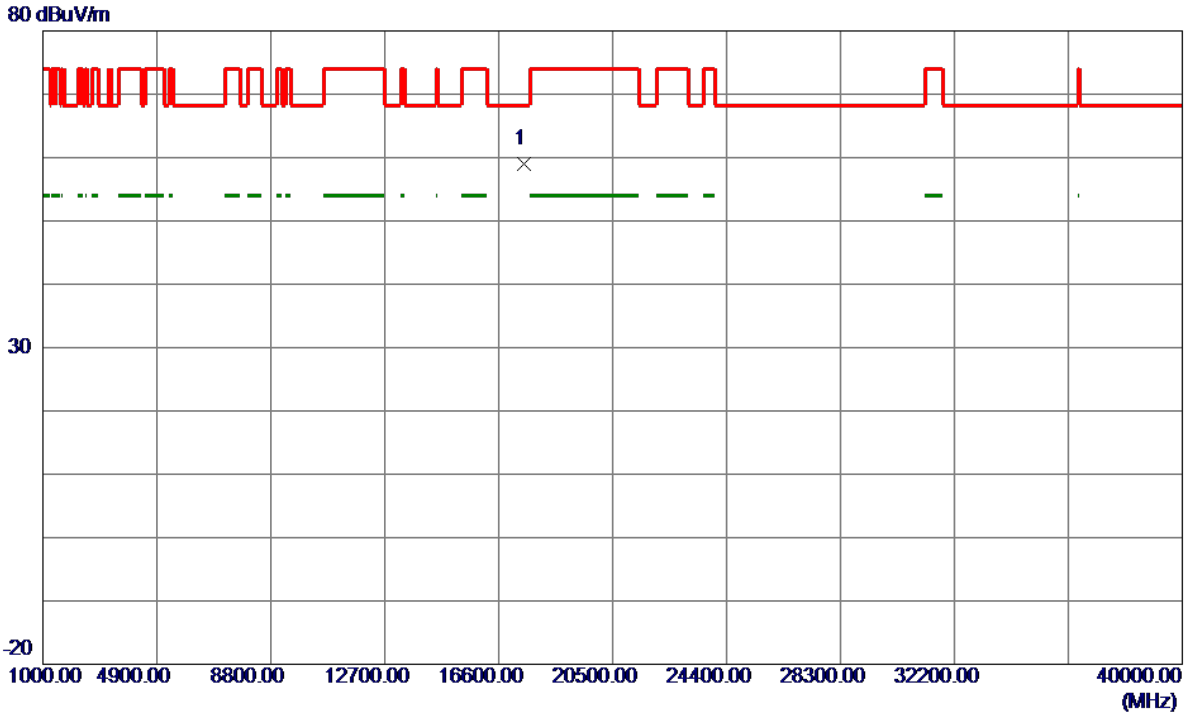
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.6000	86.42	18.77	105.19	122.20	-17.01	Peak	
2	5850.0000	47.88	18.88	66.76	122.20	-55.44	Peak	
3	5860.0000	36.20	18.91	55.11	109.40	-54.29	Peak	

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

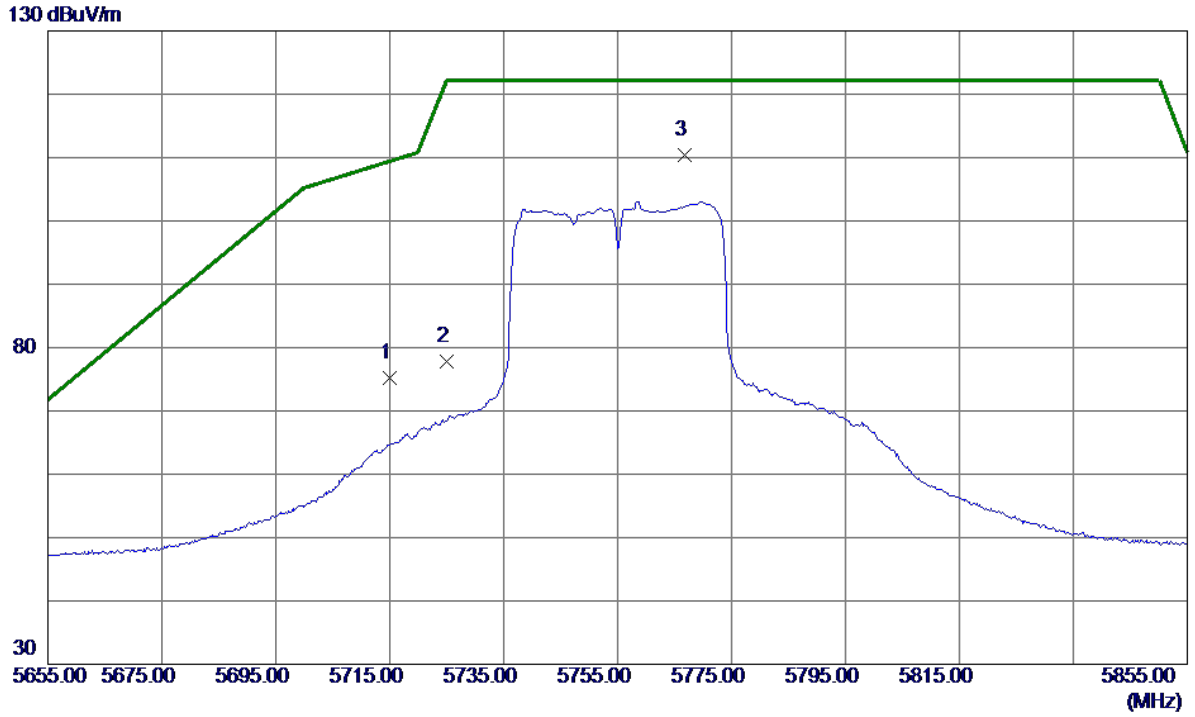
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17476.5500	36.97	22.08	59.05	68.30	-9.25	Peak	

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

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	56.79	18.40	75.19	109.40	-34.21	Peak	
2	5725.0000	59.32	18.44	77.76	122.20	-44.44	Peak	
3 *	5766.8000	91.87	18.58	110.45	122.20	-11.75	Peak	

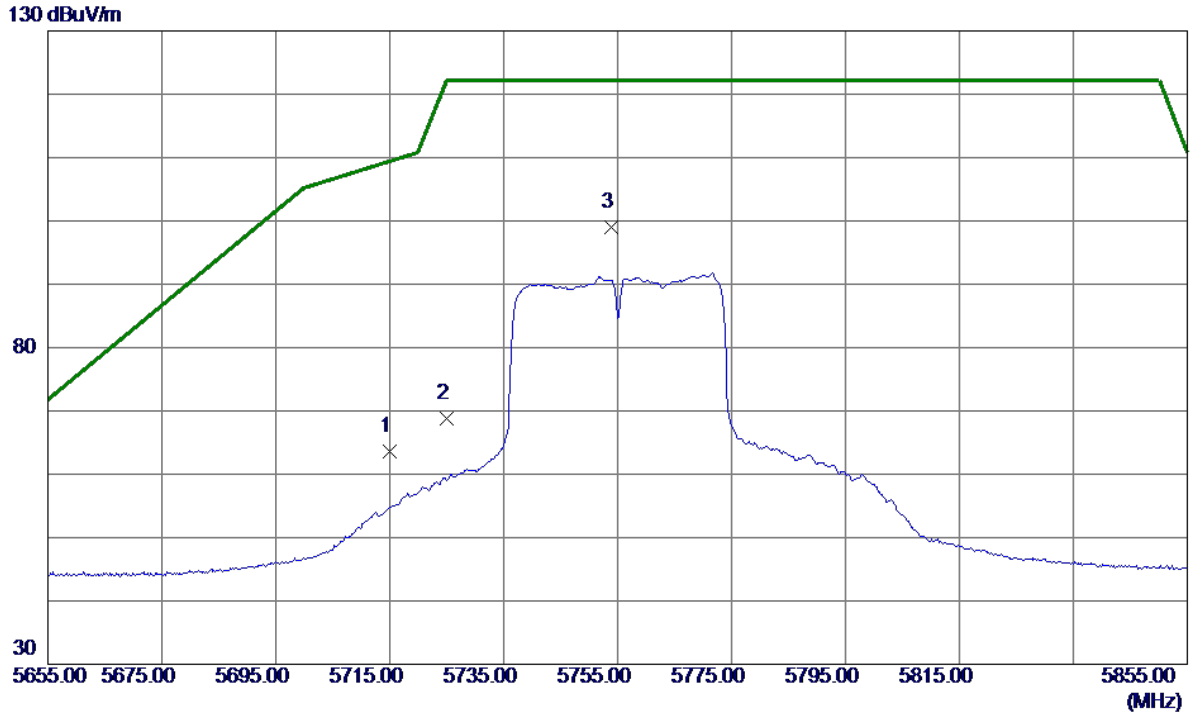
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17275.7000	45.21	21.74	66.95	68.30	-1.35	Peak	

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

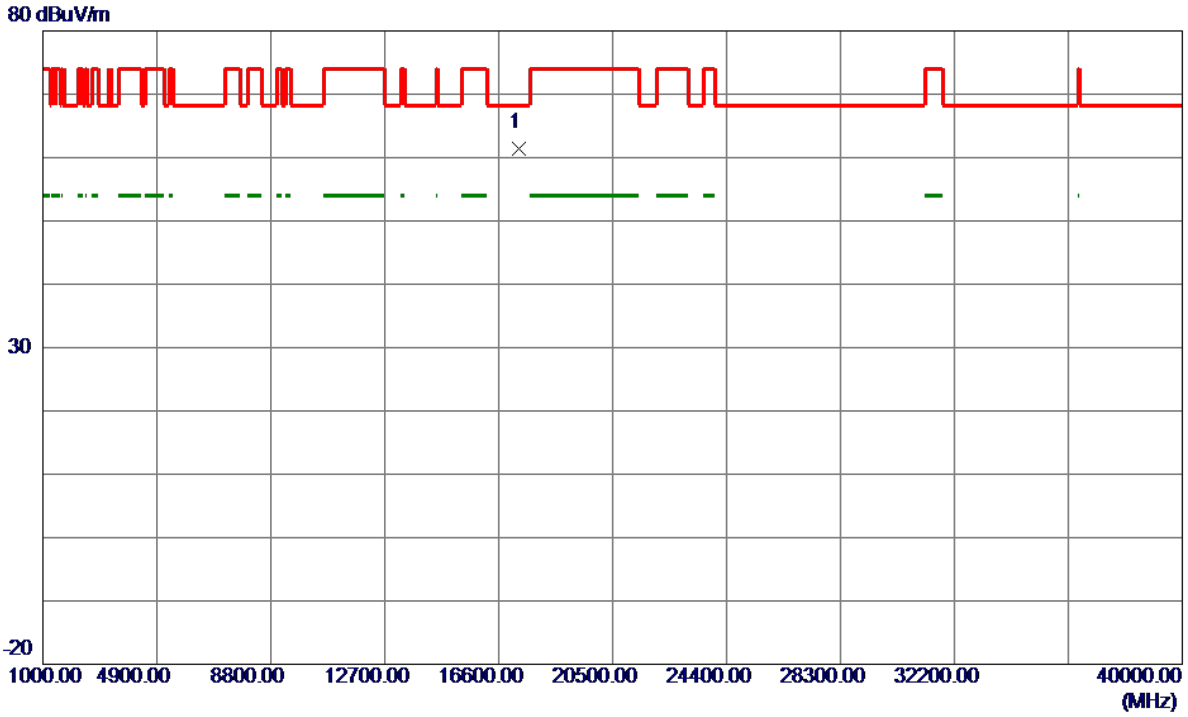
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	45.27	18.40	63.67	109.40	-45.73	Peak	
2	5725.0000	50.39	18.44	68.83	122.20	-53.37	Peak	
3 *	5753.8000	80.36	18.54	98.90	122.20	-23.30	Peak	

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

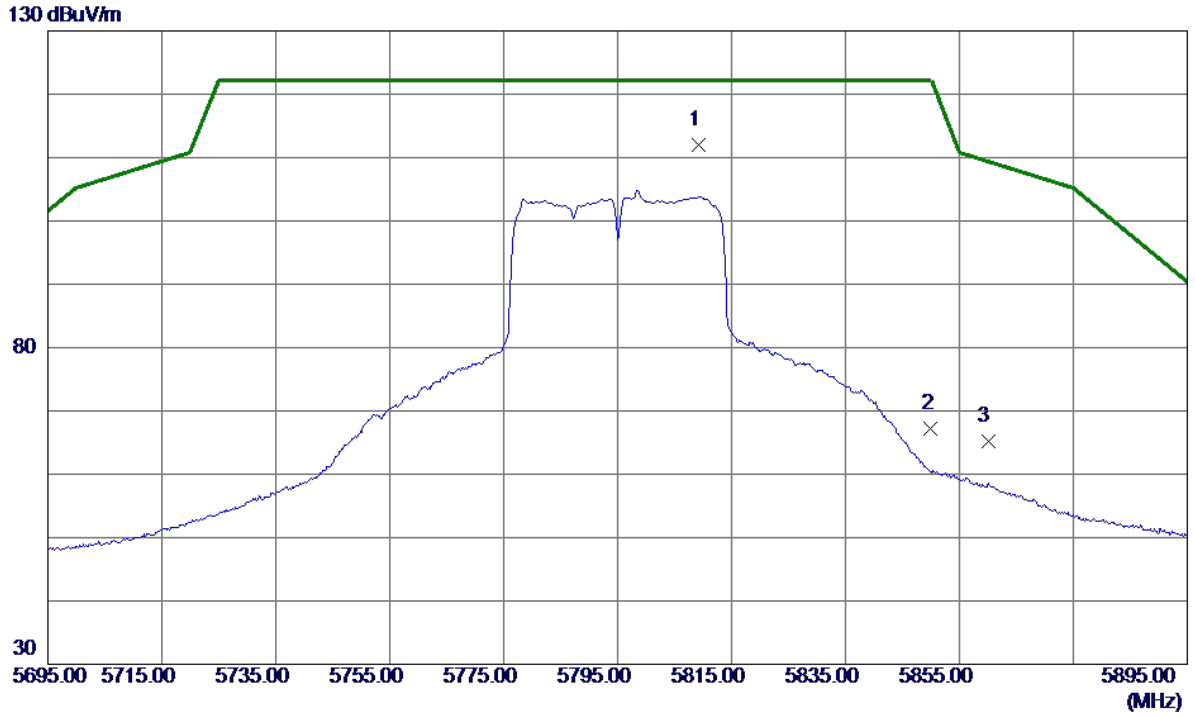
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17275.5000	39.76	21.74	61.50	68.30	-6.80	Peak	

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

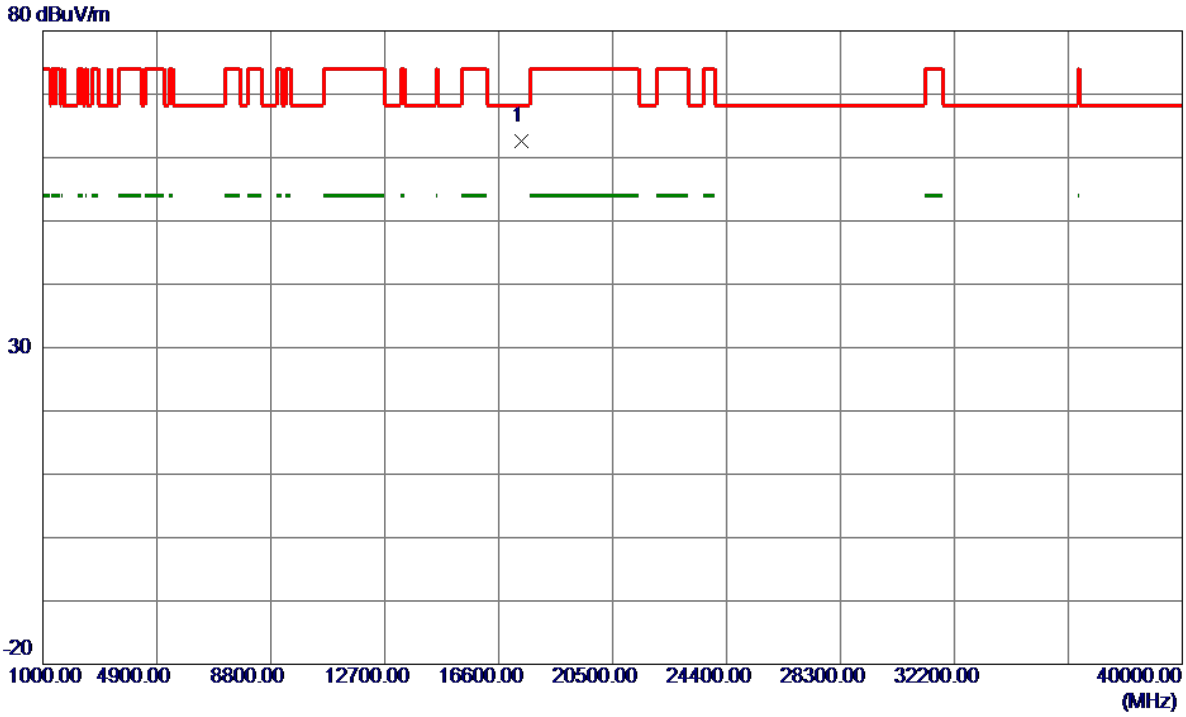
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5809.2000	93.35	18.73	112.08	122.20	-10.12	Peak	
2	5850.0000	48.30	18.88	67.18	122.20	-55.02	Peak	
3	5860.0000	46.22	18.91	65.13	109.40	-44.27	Peak	

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

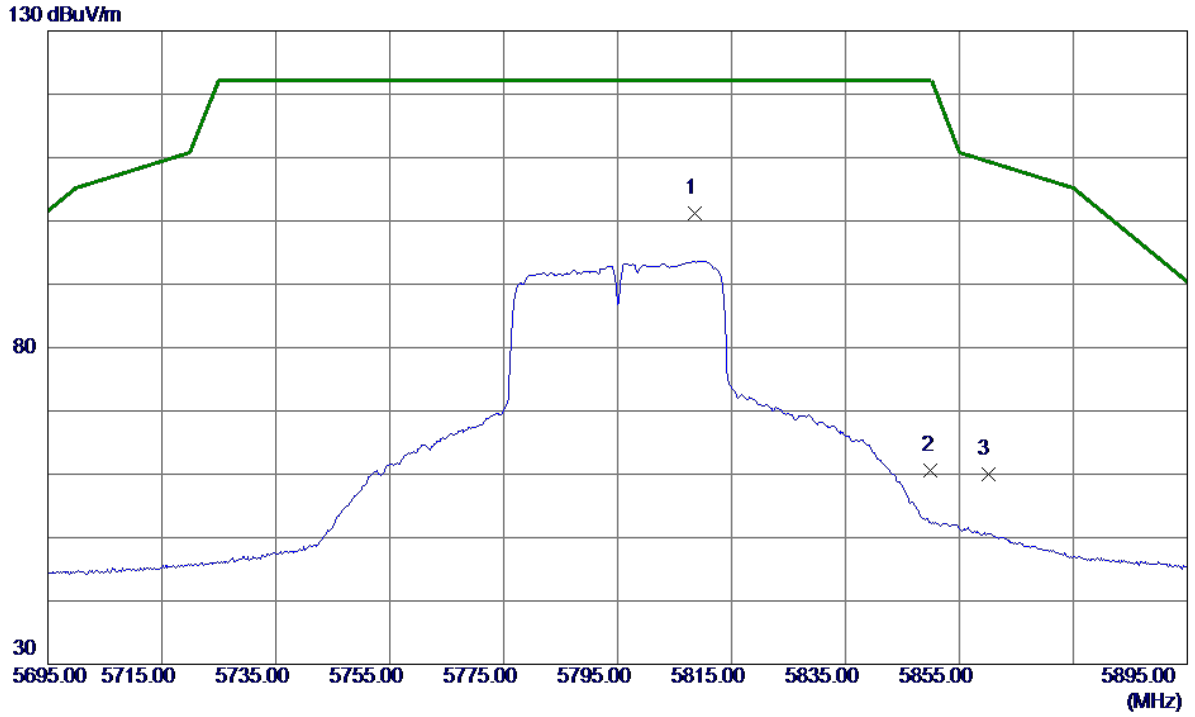
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17382.1000	40.61	21.92	62.53	68.30	-5.77	Peak	

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

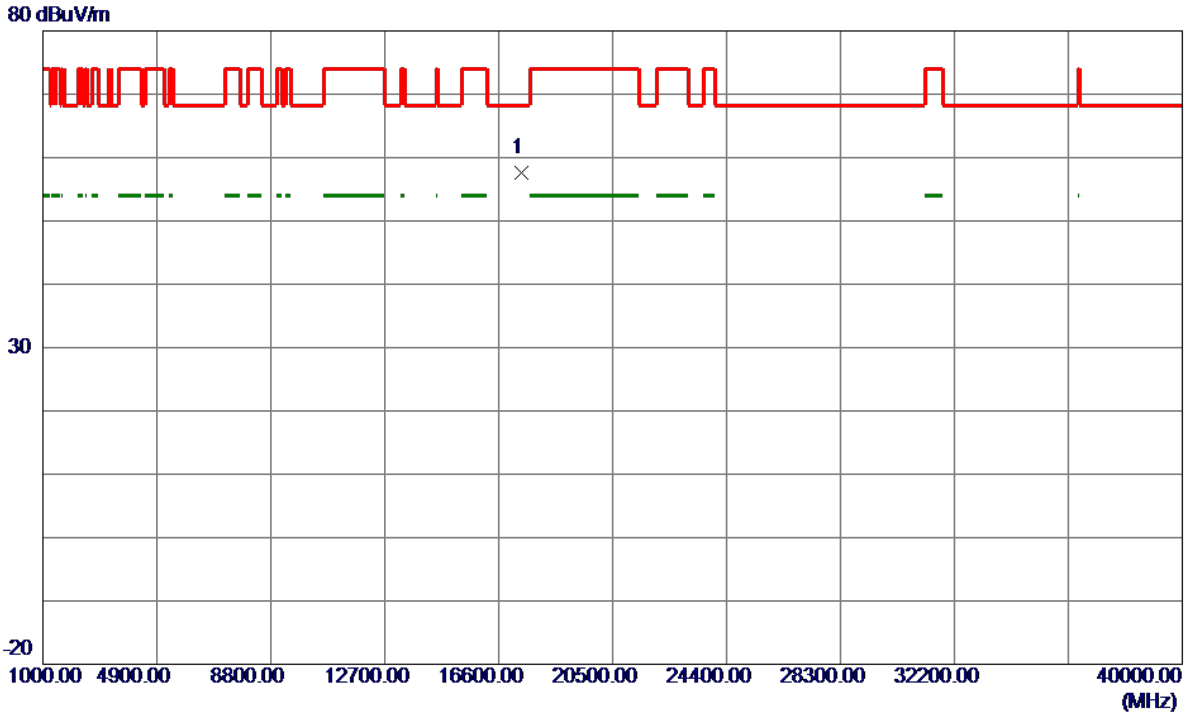
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5808.6000	82.53	18.73	101.26	122.20	-20.94	Peak	
2	5850.0000	41.79	18.88	60.67	122.20	-61.53	Peak	
3	5860.0000	41.03	18.91	59.94	109.40	-49.46	Peak	

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

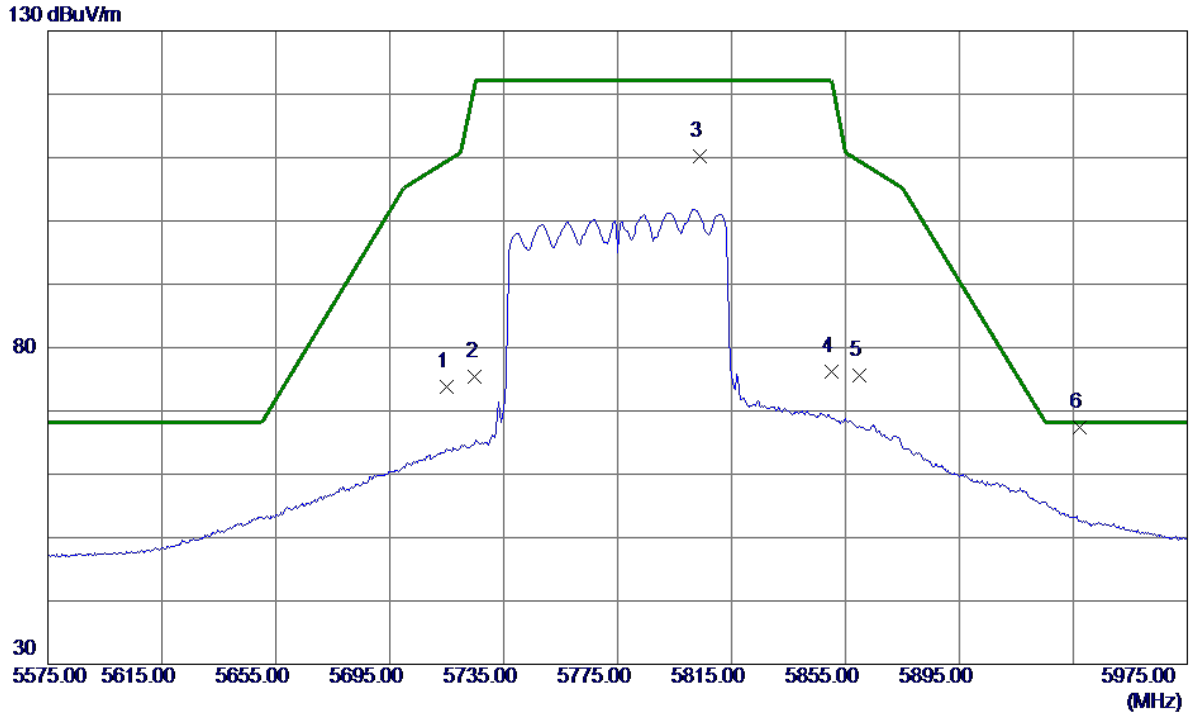
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17392.7000	35.63	21.94	57.57	68.30	-10.73	Peak	

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

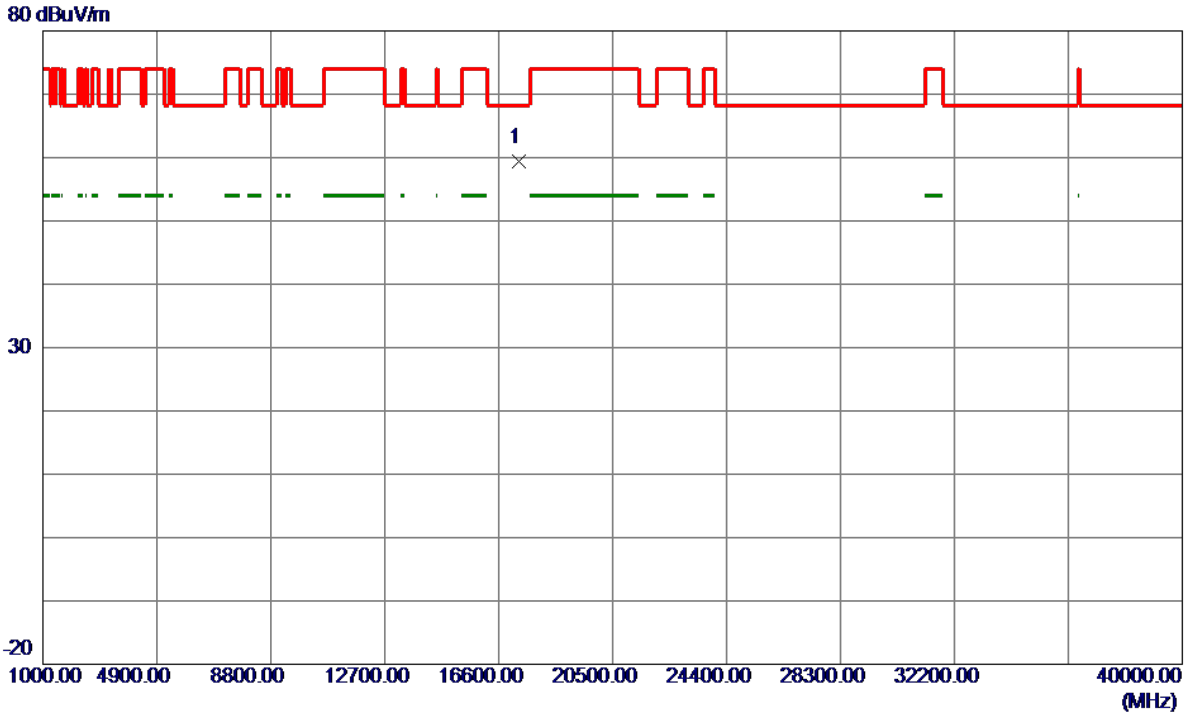
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	55.43	18.40	73.83	109.40	-35.57	Peak	
2	5725.0000	56.93	18.44	75.37	122.20	-46.83	Peak	
3	5803.8000	91.45	18.72	110.17	122.20	-12.03	Peak	
4	5850.0000	57.26	18.88	76.14	122.20	-46.06	Peak	
5	5860.0000	56.73	18.91	75.64	109.40	-33.76	Peak	
6 *	5937.4000	48.12	19.19	67.31	68.20	-0.89	Peak	

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

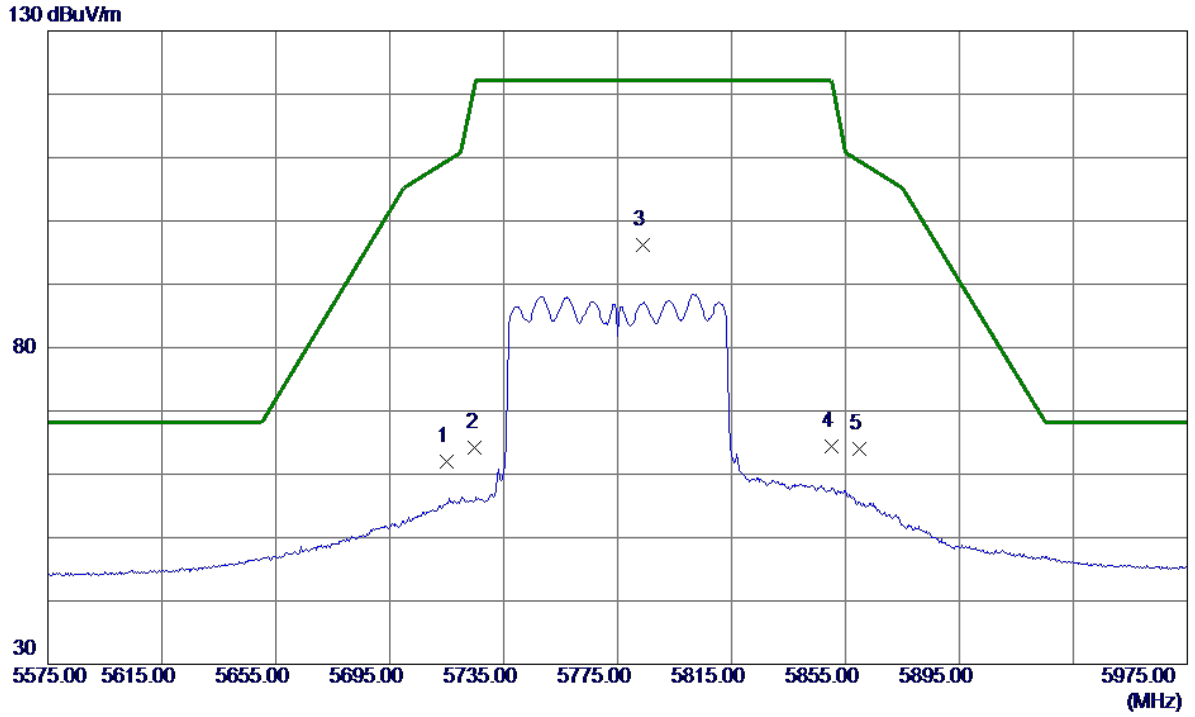
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17293.8000	37.53	21.77	59.30	68.30	-9.00	Peak	

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

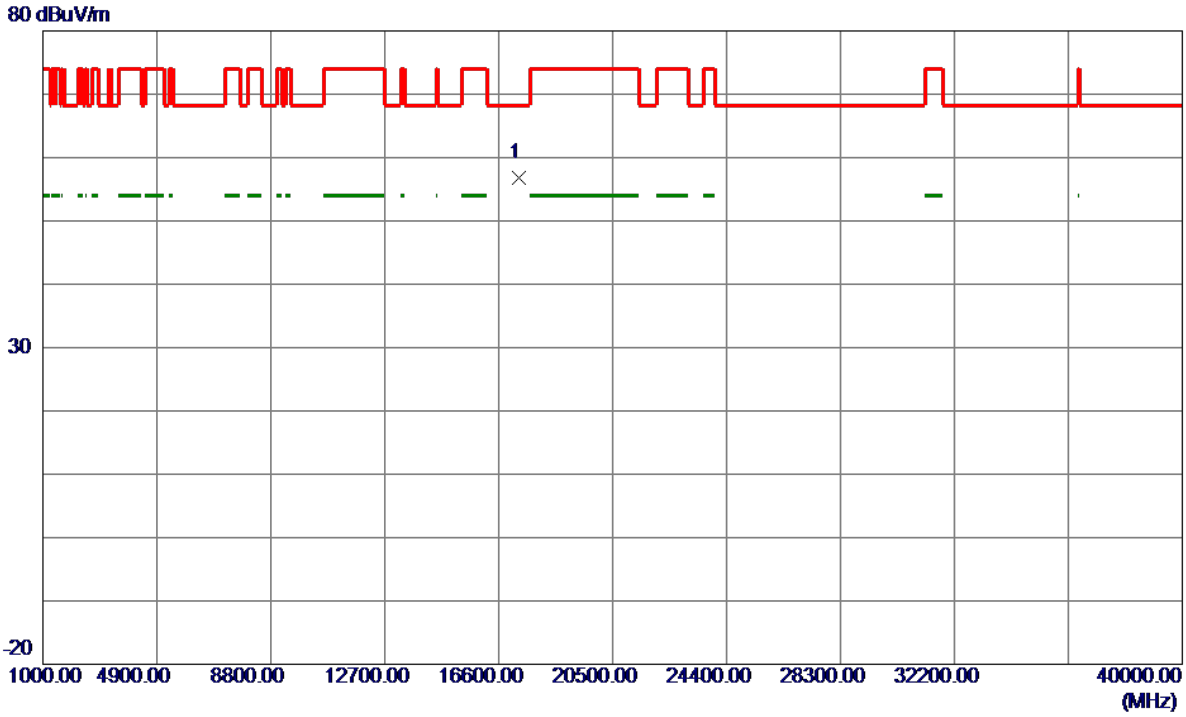
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	43.69	18.40	62.09	109.40	-47.31	Peak	
2	5725.0000	45.69	18.44	64.13	122.20	-58.07	Peak	
3 *	5783.8000	77.49	18.64	96.13	122.20	-26.07	Peak	
4	5850.0000	45.47	18.88	64.35	122.20	-57.85	Peak	
5	5860.0000	45.04	18.91	63.95	109.40	-45.45	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17281.2000	35.12	21.75	56.87	68.30	-11.43	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

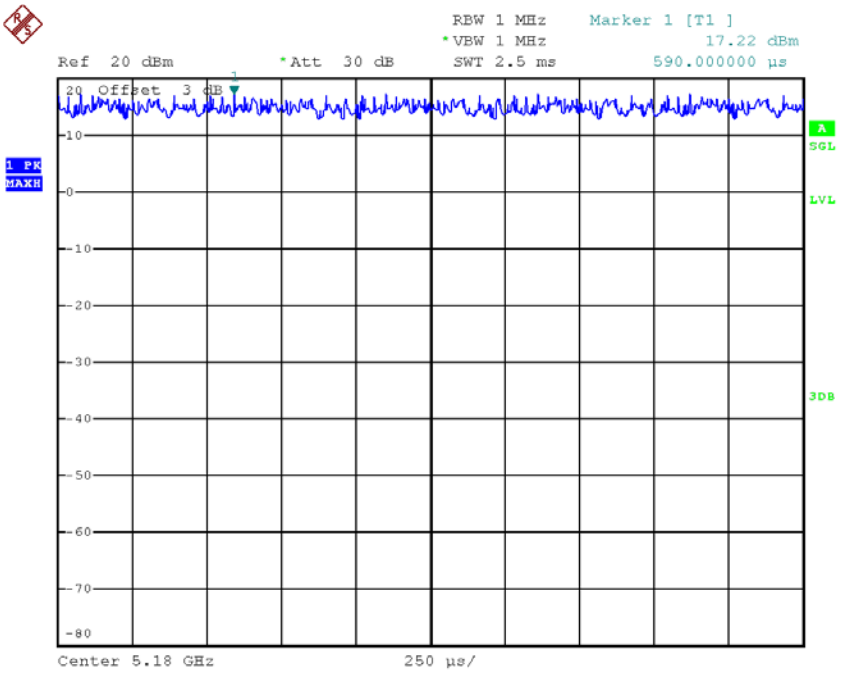
T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

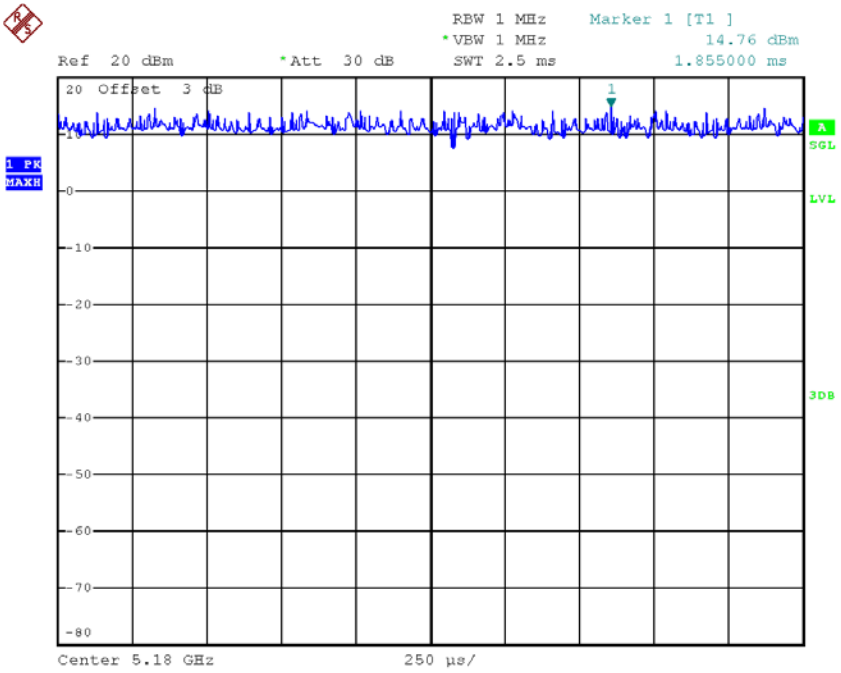
T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

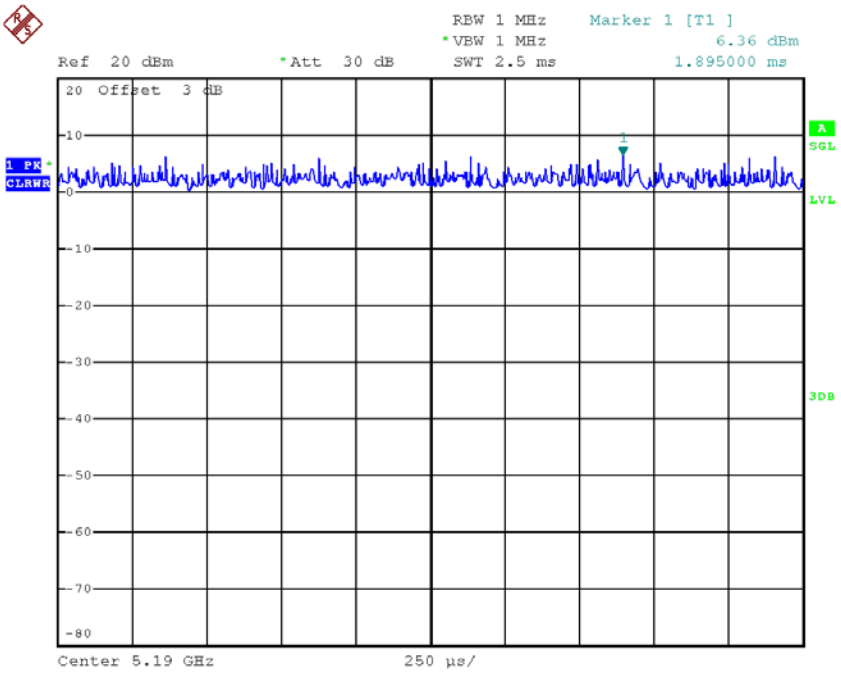
T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

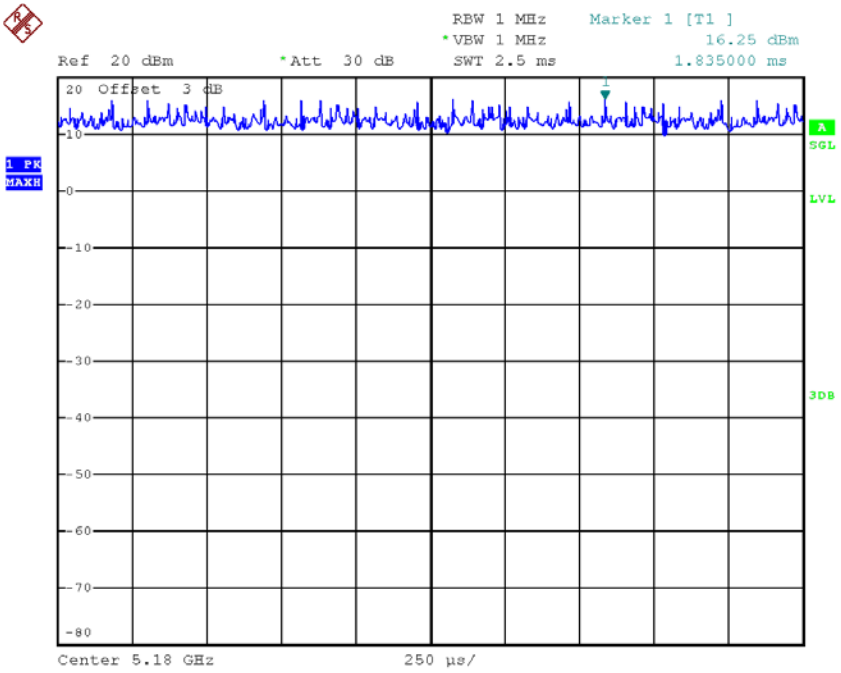
T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

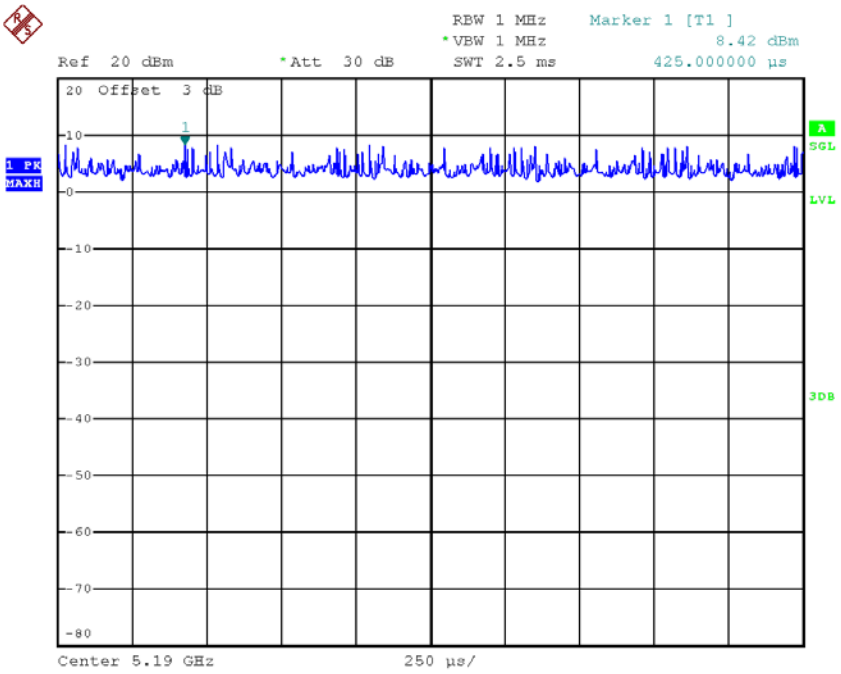
T_{ON}: 100000.000 msec

T_{Total}: 100000.000 msec

Duty cycle: 100.000%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



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