FCC Radio Test Report

FCC ID: KA2IR1210A1

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

Project No.	:	1712C148
Equipment	:	AC1200 Wi-Fi Router
Test Model	:	DIR-1210
Series Model	:	DIR-822
Applicant	:	D-LINK Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California, United States 92708

Date of Receipt	:	Dec. 19, 2017
Date of Test	:	Dec. 19, 2017 ~ Jan. 23, 2018
Issued Date	:	Mar. 30, 2018
Tested by	:	BTL Inc.

Testing Engineer : Shawn Xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

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NVLAP TESTING
NVLAP LAB CODE 200788-0

Declaration

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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-2-1712C148	Original Issue.	Mar. 30, 2018

1. CERTIFICATION

Equipment	:	AC1200 Wi-Fi Router
Brand Name	:	D-Link
Test Model	:	DIR-1210
Series Model	:	DIR-822
Applicant	:	D-LINK Corporation
Manufacturer	:	D-LINK Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California, United States 92708
Factory	:	Huizhou MTN WEIYE Technology Development Co.,Ltd
Address	:	No.2 Huitai Road,Huinan High-tech Industrial Park,Huiao Avenue,Huizhou City,Guangdong Province,China.
Date of Test	:	Dec. 19, 2017 ~ Jan. 23, 2018
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1712C148) 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 RLAN UNII-1 and 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 Wi-Fi Router	
Brand Name	D-Link	
Test Model	DIR-1210	
Series Model	DIR-822	
Model Difference	Only differ in model name due to marketing purpose.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	866Mbps
Power Source	DC Voltage supplied from AC/DC adapter. Model: S012BEU1200100	
Power Rating	I/P: 100-240V~ 50/60Hz 500mA O/P: 12V⎓1000mA	
Output Power	Output Power (Max.)for UNII-1- Non-Beamforming	802.11a: 27.13dBm 802.11n (20M): 27.42dBm 802.11n (40M): 29.71dBm 802.11ac (20M): 27.43dBm 802.11ac (40M): 29.63dBm 802.11ac (80M): 26.94dBm
	Output Power (Max.)for UNII-3- Non-Beamforming	802.11a: 26.12dBm 802.11n (20M): 28.21dBm 802.11n (40M): 29.89dBm 802.11ac (20M): 26.72dBm 802.11ac (40M): 27.35dBm 802.11ac (80M): 29.72dBm
	Output Power (Max.)for UNII-1- Beamforming	802.11a: 23.72dBm 802.11n (20M): 23.51dBm 802.11n (40M): 25.77dBm 802.11ac (20M): 23.97dBm 802.11ac (40M): 25.76dBm 802.11ac (80M): 25.82dBm
	Output Power (Max.)for UNII-3- Beamforming	802.11a: 25.34dBm 802.11n (20M): 25.79dBm 802.11n (40M): 25.71dBm 802.11ac (20M): 25.90dBm 802.11ac (40M): 25.64dBm 802.11ac (80M): 25.67dBm

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's ,anual.
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	N/A	N/A	Dipole	N/A	5
2	N/A	N/A	Dipole	N/A	5

Note:

1. Beamforming function , Directional gain = G_{ANT}+ Beamforming Gain, that is Directional gain =5+5=10; So, the UNII-1, UNII-3 output power limit is 30-10+6=26.00. The UNII-1 power density limit is 17-10+6=13, the UNII-3 power density limit is 30-10+6=26.00.
2. Non Beamforming function, this EUT supports MIMO 2X2, so Directional gain=Gant, that is Direction Gain=G_{Ant}+10log(N_{Ant}/Nss) NSS=2, Direction Gain=5+10log(2/2)=5

4.

Operating Mode / TX Mode	2TX
802.11a	V (ANT 1+ANT 2)
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

UNII-1- Non-Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5180	5200	5240
A Mode	39,39	39,39	39,38
Frequency (MHz)	5180	5200	5240
N20 Mode	40,40	39,39	37,36
Frequency (MHz)	5190	5230	
N40 Mode	41.41	46,46	

UNII-3- Non-Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5745	5785	5825
A Mode	30,24	27,20	29,21
Frequency (MHz)	5745	5785	5825
N20 Mode	34,28	24,18	37,29
Frequency (MHz)	5755	5795	
N40 Mode	46,40	35,27	

UNII-1 - Non-Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5180	5200	5240
AC20 Mode	40,40	39,39	37,37
Frequency (MHz)	5190	5230	
AC40 Mode	41,41	46,46	
Frequency (MHz)	5210		
AC80 Mode	39.39		

UNII-3- Non-Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5745	5785	5825
AC20 Mode	34,28	24,18	29,21
Frequency (MHz)	5755	5795	
AC40 Mode	36,30	34,26	
Frequency (MHz)	5775		
AC80 Mode	46,39		

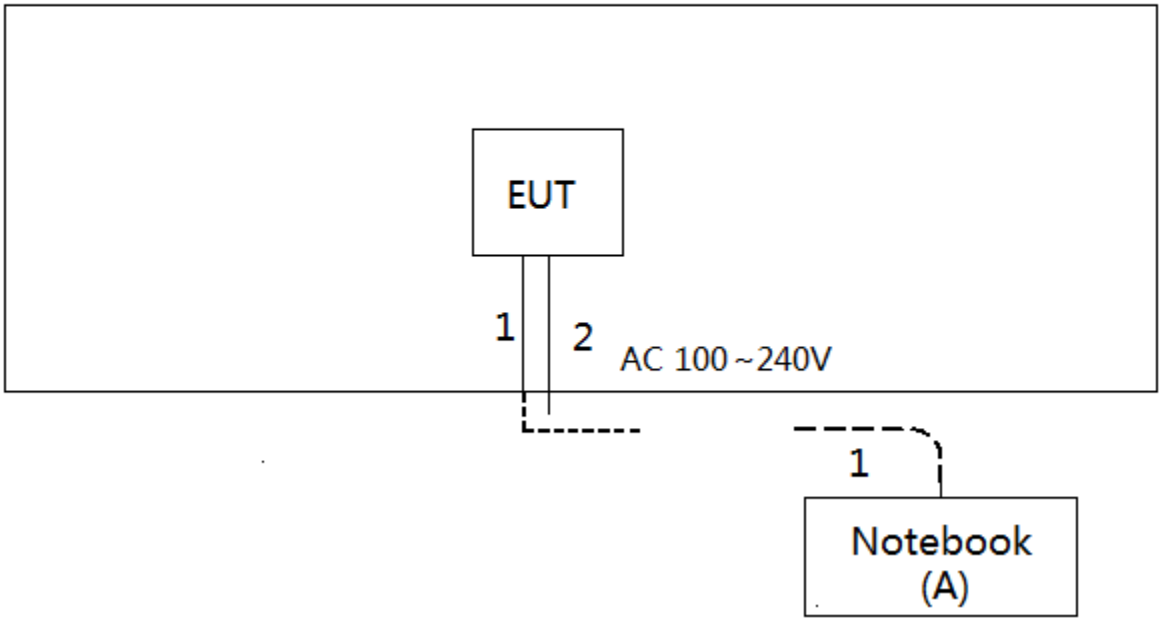
UNII-1- Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5180	5200	5240
A Mode	29,28	29,28	28,28
Frequency (MHz)	5180	5200	5240
N20 Mode	29,28	29,28	29,28
Frequency (MHz)	5190	5230	
N40 Mode	33,31	33,31	

UNII-3- Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5745	5785	5825
A Mode	30,24	27,20	29,21
Frequency (MHz)	5745	5785	5825
N20 Mode	34,28	24,18	24,22
Frequency (MHz)	5755	5795	
N40 Mode	29,27	26,22	

UNII-1- Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5180	5200	5240
AC20 Mode	29,28	29,28	29,28
Frequency (MHz)	5190	5230	
AC40 Mode	33,31	33,31	
Frequency (MHz)	5210		
AC80 Mode	34,33		

UNII-3- Beamforming			
Test Software Version	MP-Tool		
Frequency (MHz)	5745	5785	5825
AC20 Mode	28,26	24,18	29,21
Frequency (MHz)	5755	5795	
AC40 Mode	29,28	26,26	
Frequency (MHz)	5775		
AC80 Mode	28,26		

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	Lenovo	E46L	DOC	EB22953770

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	10m	RJ45 Cable
2	NO	NO	1.5m	Power 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.

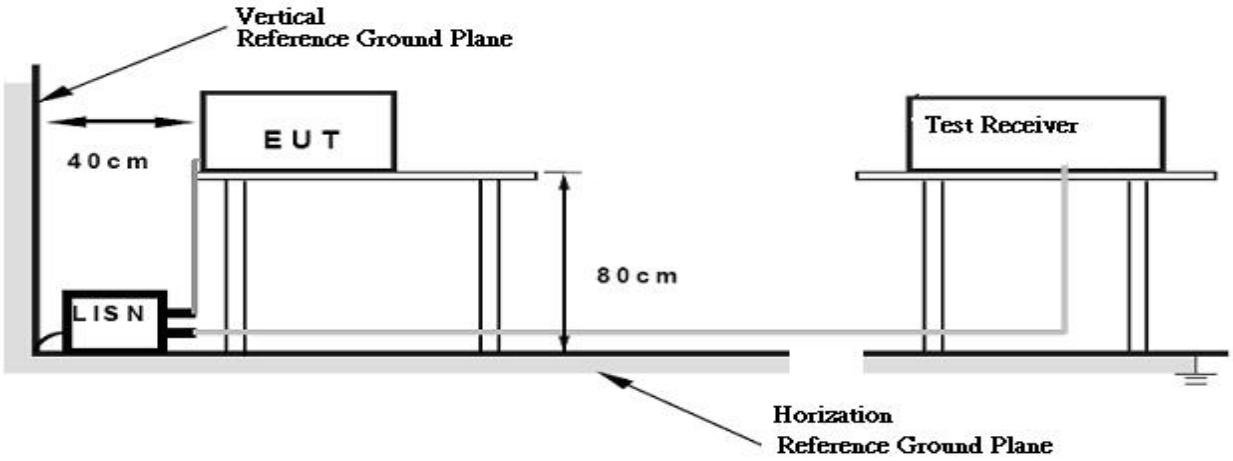
d. LISN at least 80 cm from nearest part of EUT chassis.

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
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

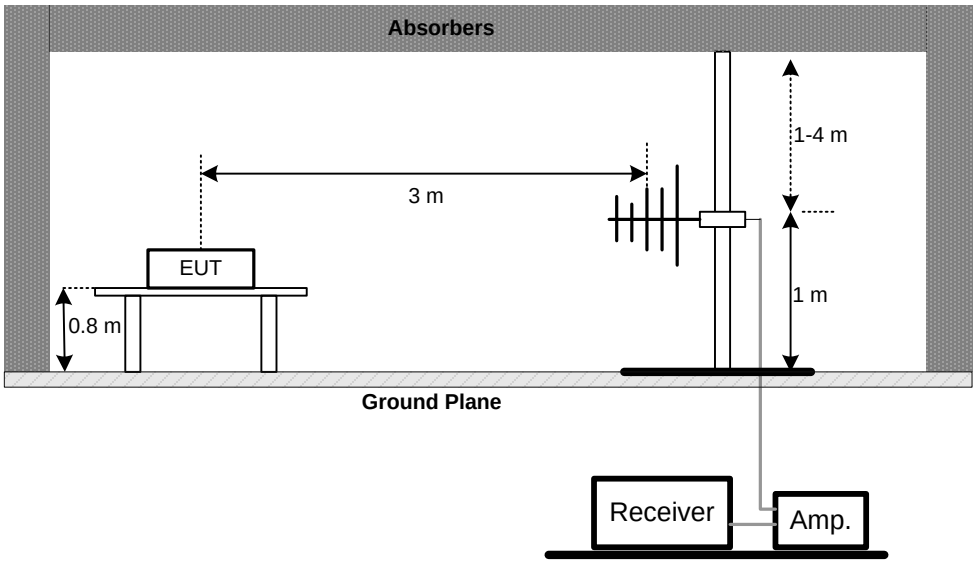
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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

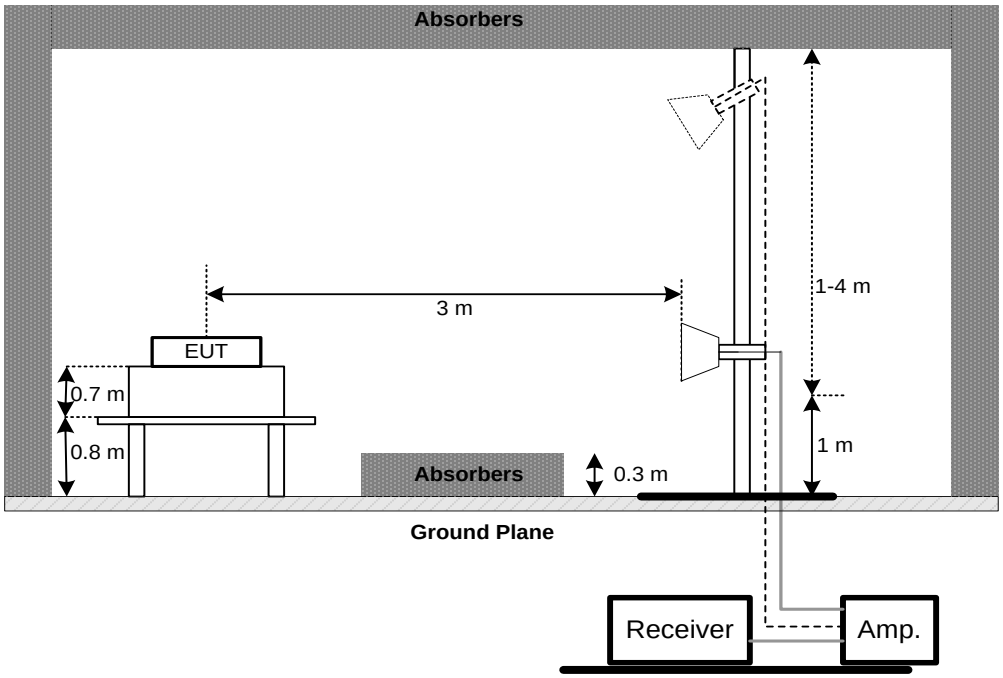
No deviation

4.2.4 TEST SETUP

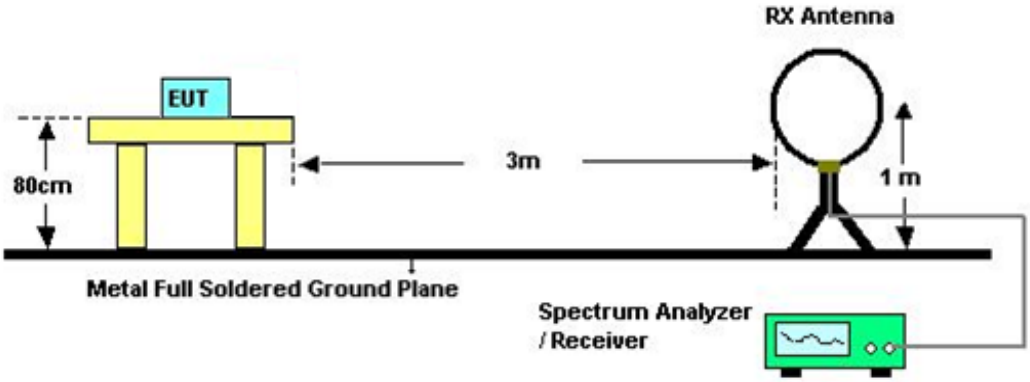
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(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 power meter and antenna output port as show in the block diagram below,

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the 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

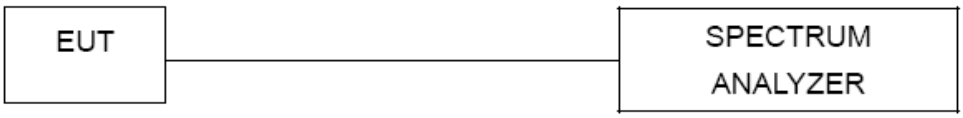
Note:

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

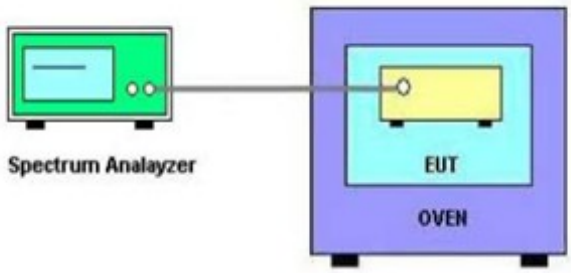
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°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					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
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 Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
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	Mar. 06, 2018

Radiated Emission Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Antenna	EM	EM-6876-1	230	Mar. 06, 2018
7	Controller	CT	SC100	N/A	N/A
8	Controller	MF	MF-7802	MF780208416	N/A
9	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
10	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	Power Meter	ANRITSU	ML2495A	1128009	Mar. 26, 2018
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 26, 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. 26, 2018

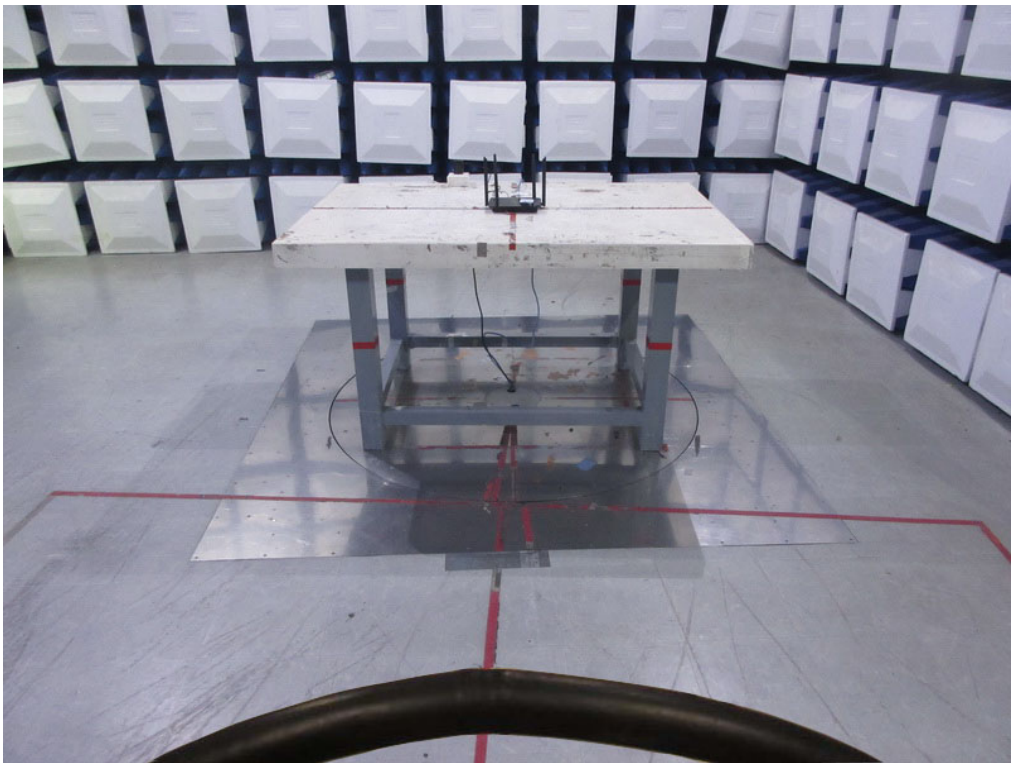
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

10. EUT TEST PHOTOS

Conducted Measurement Photos

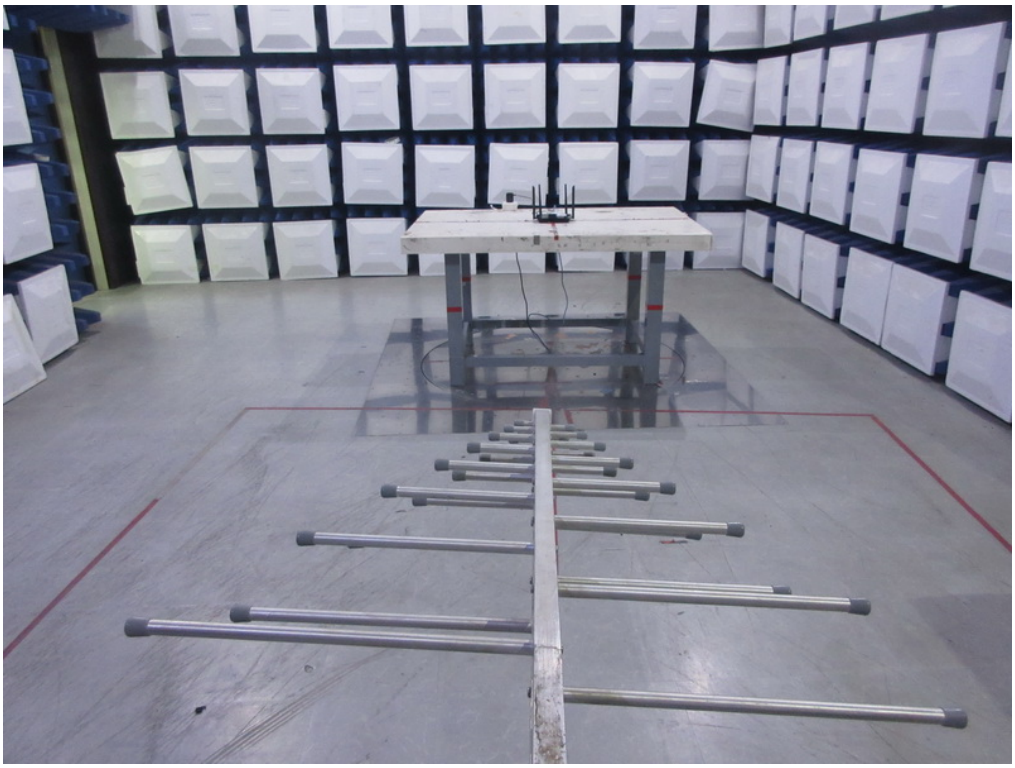
Radiated Measurement Photos

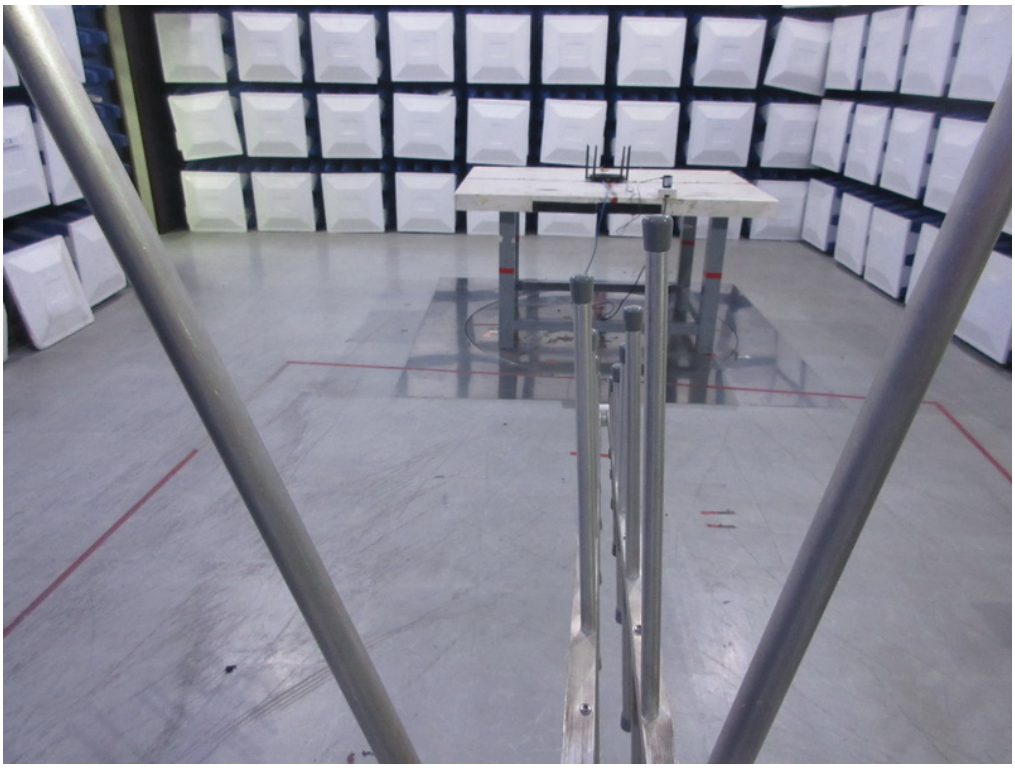
9KHz to 30MHz



Radiated Measurement Photos

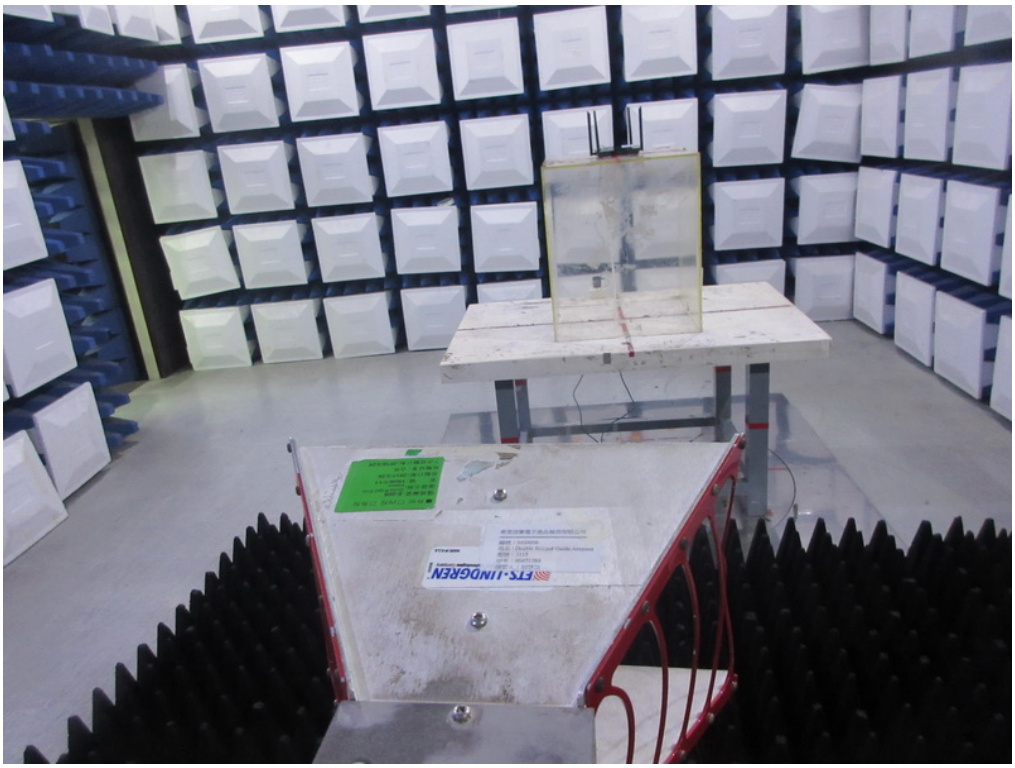
30MHz to 1000MHz

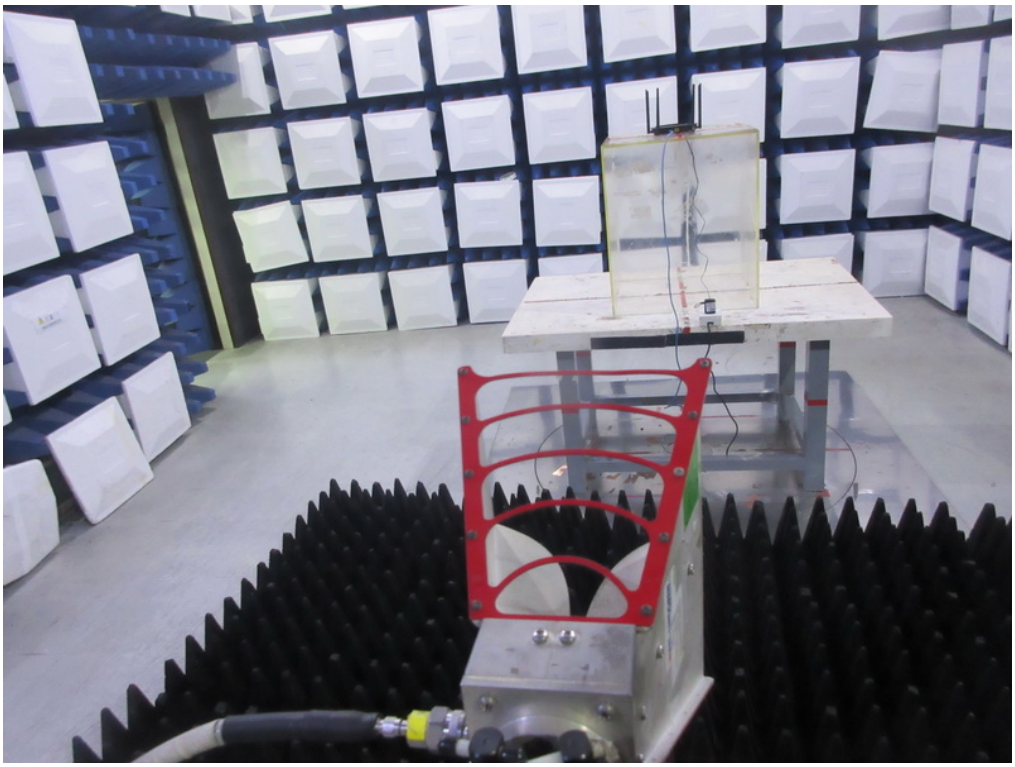




Radiated Measurement Photos

Above 1000MHz

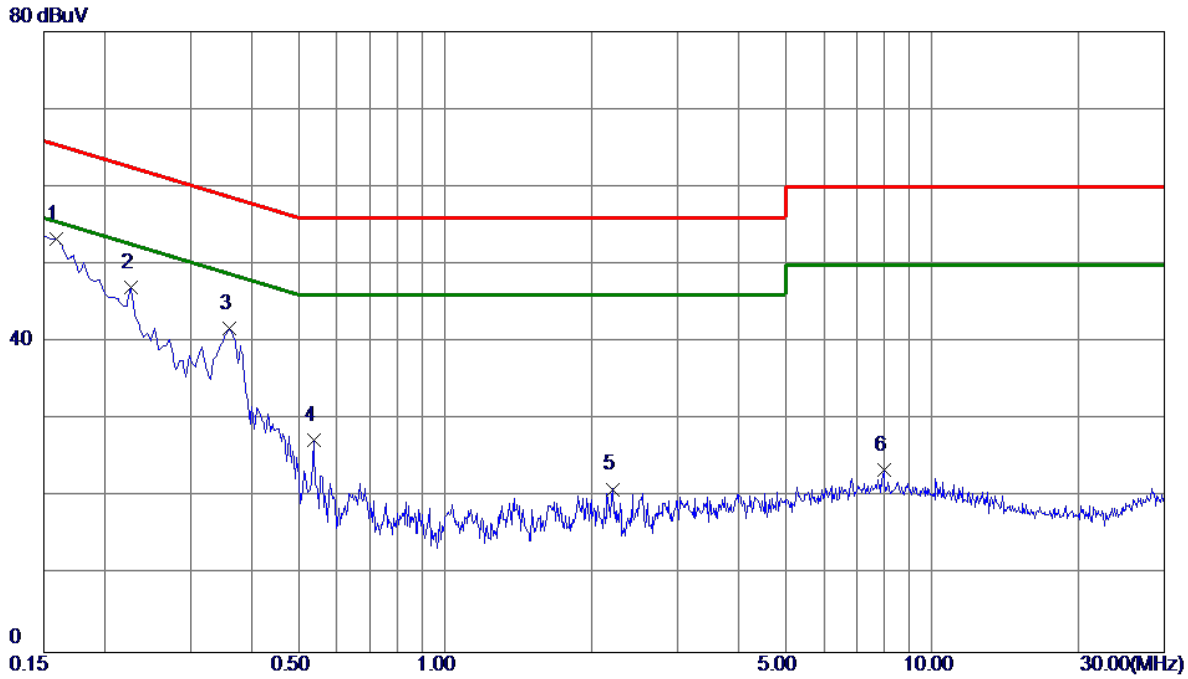




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

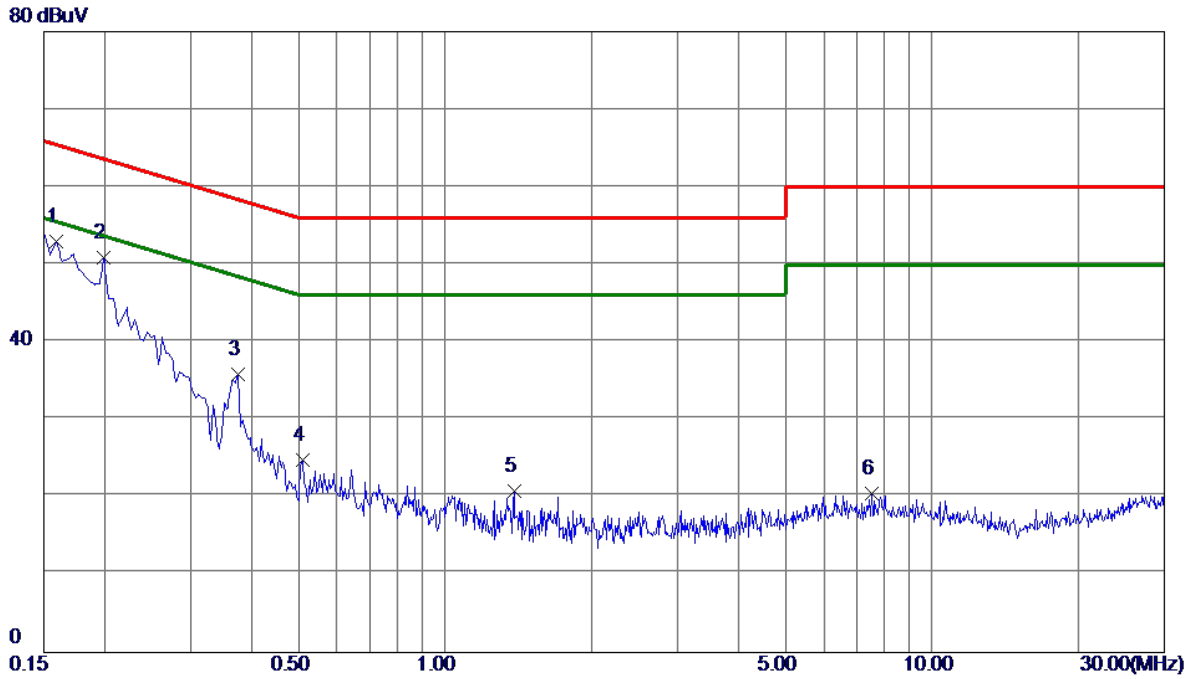


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1590	43.53	9.79	53.32	65.52	-12.20	Peak	
2	0.2265	37.26	9.76	47.02	62.58	-15.56	Peak	
3	0.3615	31.92	9.79	41.71	58.69	-16.98	Peak	
4	0.5370	17.52	9.80	27.32	56.00	-28.68	Peak	
5	2.2065	11.10	9.94	21.04	56.00	-34.96	Peak	
6	7.9620	13.30	10.23	23.53	60.00	-36.47	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



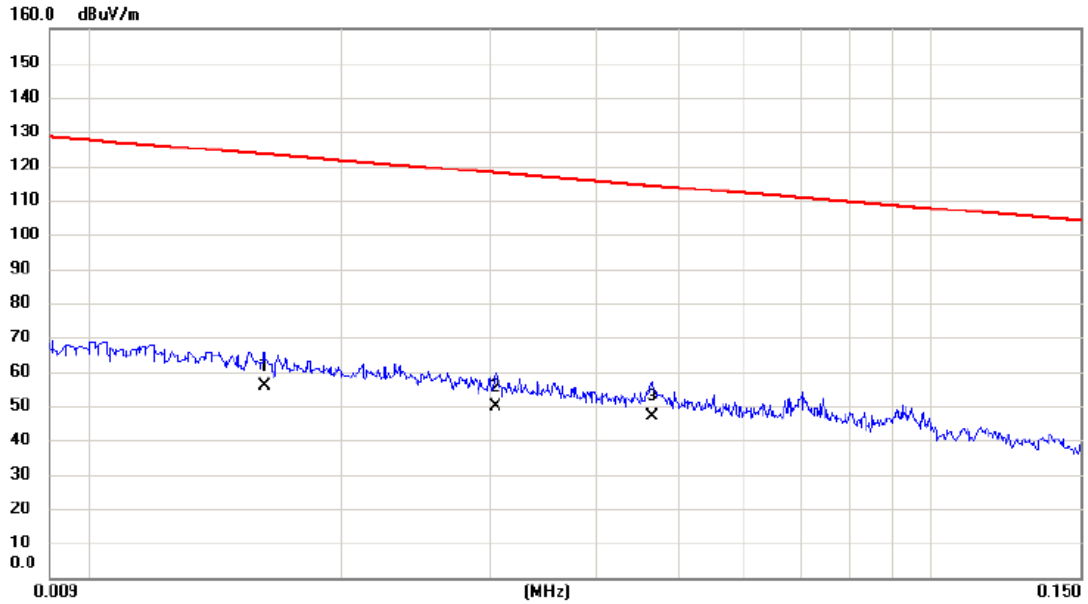
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1590	43.34	9.68	53.02	65.52	-12.50	Peak	
2	0.1995	41.16	9.69	50.85	63.63	-12.78	Peak	
3	0.3750	26.08	9.69	35.77	58.39	-22.62	Peak	
4	0.5100	15.10	9.70	24.80	56.00	-31.20	Peak	
5	1.3875	11.01	9.77	20.78	56.00	-35.22	Peak	
6	7.5075	10.39	10.13	20.52	60.00	-39.48	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

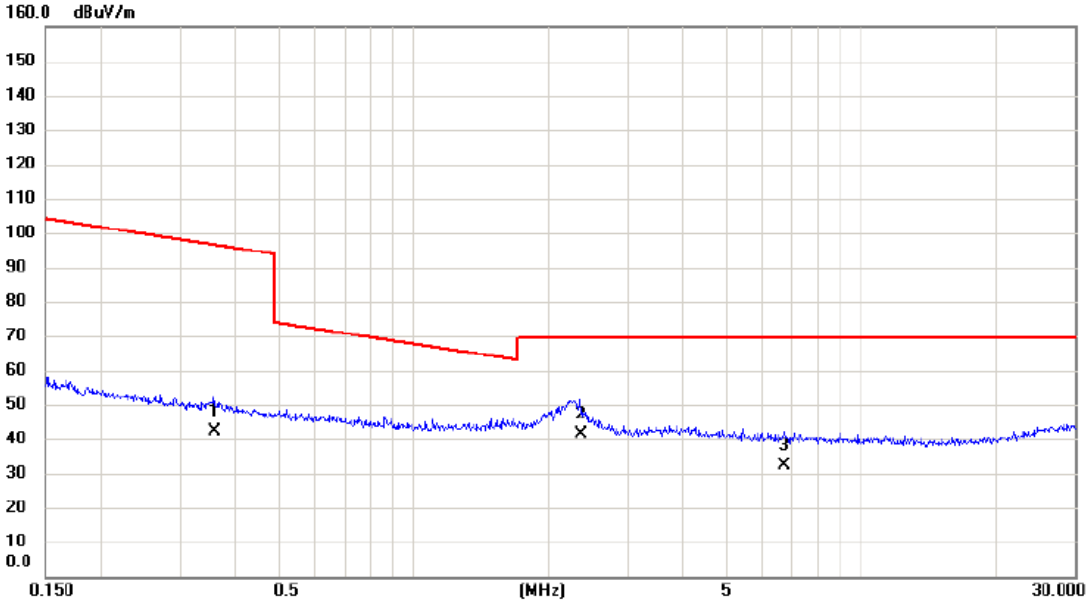
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0162	35.72	20.11	55.83	123.41	-67.58	AVG	
2		0.0304	30.53	19.31	49.84	117.95	-68.11	AVG	
3	*	0.0466	28.35	18.82	47.17	114.24	-67.07	AVG	

Test Mode:	TX MODE

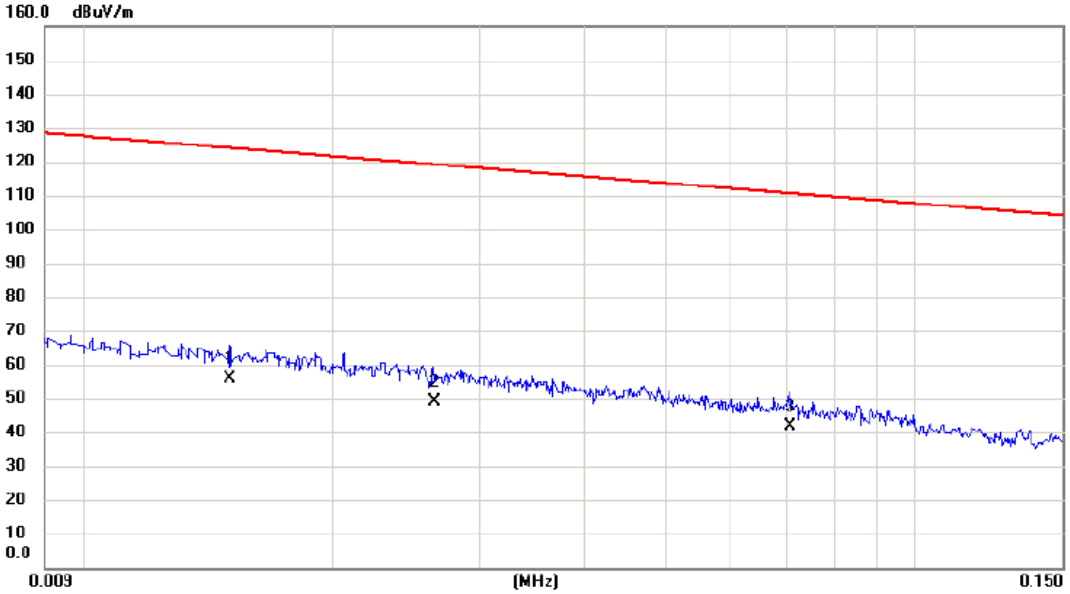
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3577	25.55	16.57	42.12	96.53	-54.41	AVG	
2	*	2.3585	25.88	15.41	41.29	69.54	-28.25	QP	
3		6.7333	17.85	14.16	32.01	69.54	-37.53	QP	

Test Mode:	TX MODE

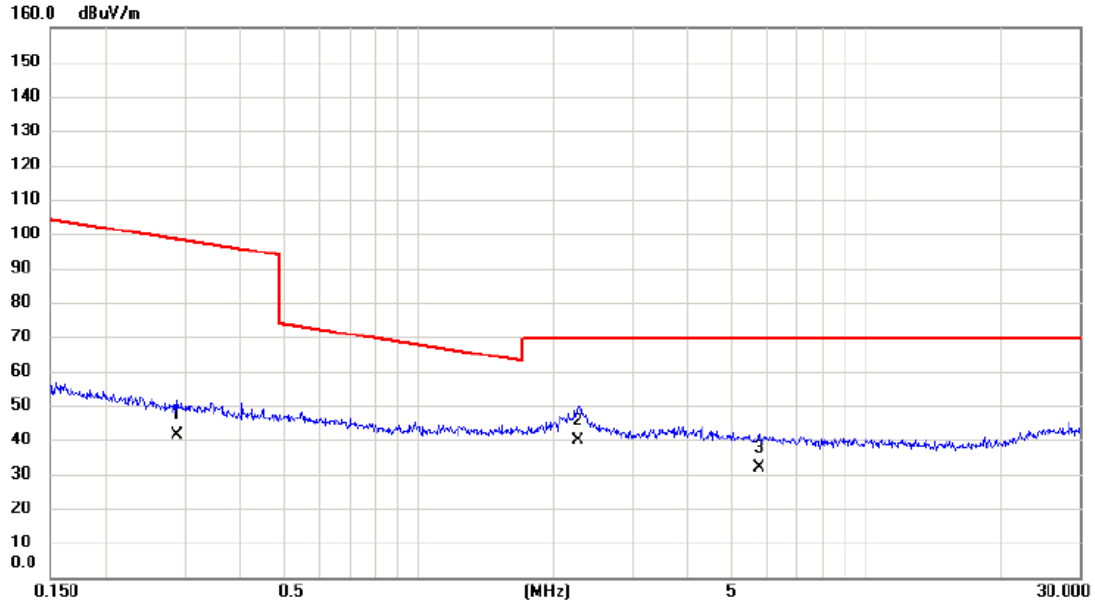
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0150	35.57	20.27	55.84	124.08	-68.24	AVG	
2		0.0265	29.77	19.43	49.20	119.14	-69.94	AVG	
3		0.0706	23.38	18.32	41.70	110.63	-68.93	AVG	

Test Mode:	TX MODE

Ant 90°

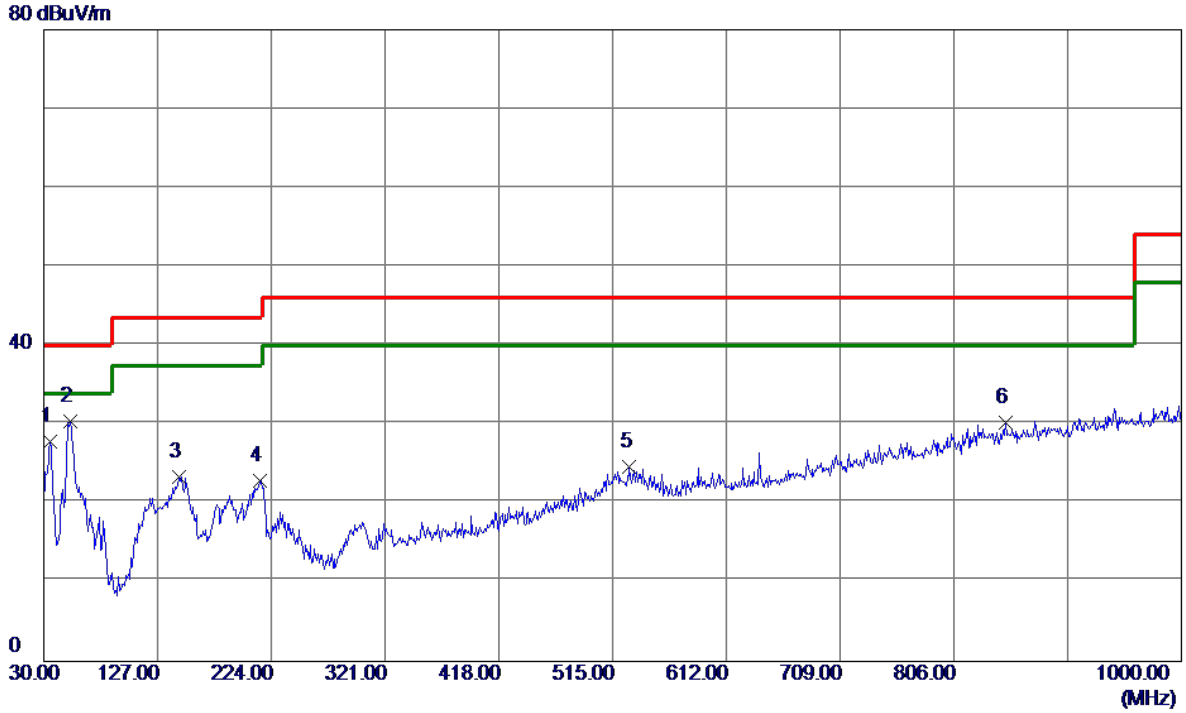


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2893	24.87	16.63	41.50	98.38	-56.88	AVG	
2	*	2.2726	24.41	15.44	39.85	69.54	-29.69	QP	
3		5.7743	17.44	14.27	31.71	69.54	-37.83	QP	

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

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

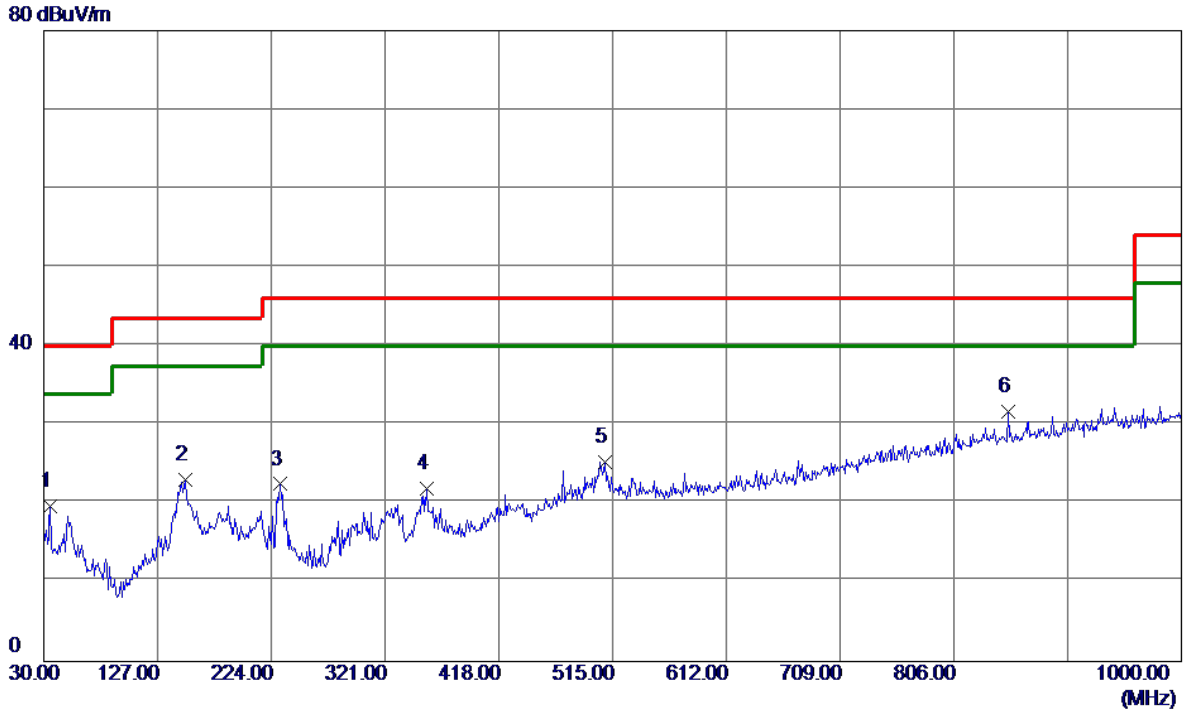
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	42.29	-14.51	27.78	40.00	-12.22	Peak	
2 *	52.3100	44.24	-13.79	30.45	40.00	-9.55	Peak	
3	145.4299	37.23	-13.84	23.39	43.50	-20.11	Peak	
4	214.3000	36.90	-13.95	22.95	43.50	-20.55	Peak	
5	529.5500	32.75	-8.13	24.62	46.00	-21.38	Peak	
6	850.6200	30.16	0.01	30.17	46.00	-15.83	Peak	

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

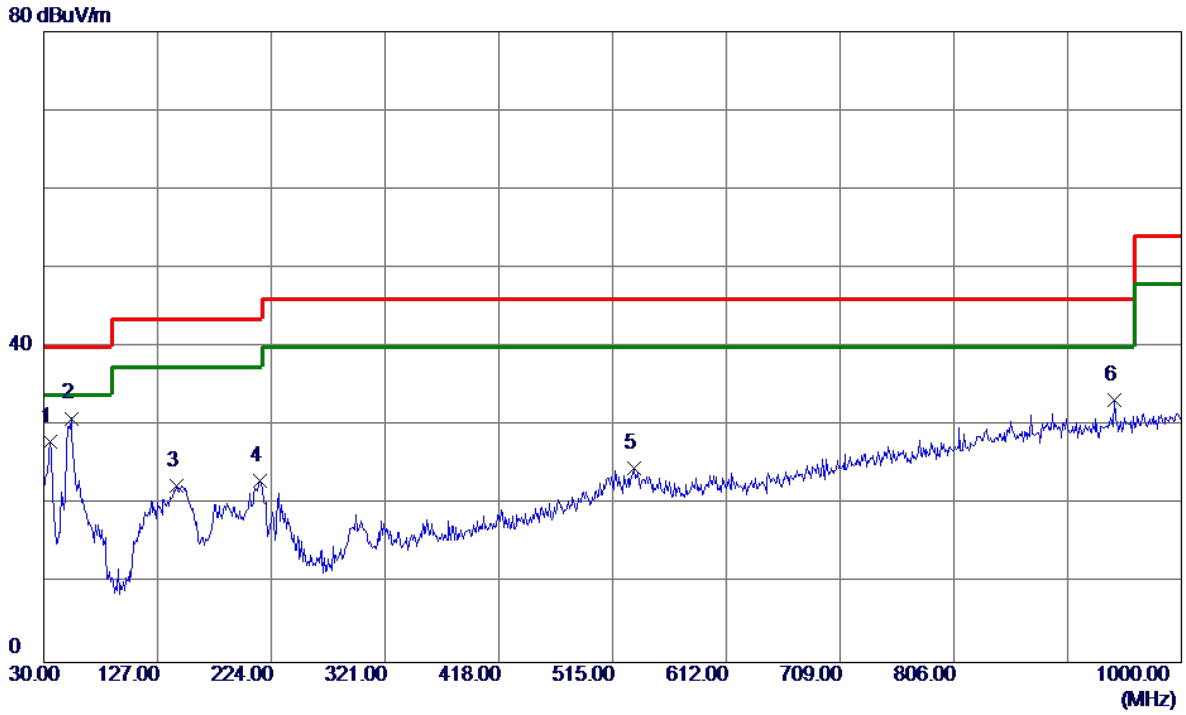
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	34.16	-14.51	19.65	40.00	-20.35	Peak	
2	150.2800	36.55	-13.51	23.04	43.50	-20.46	Peak	
3	231.7600	36.65	-14.17	22.48	46.00	-23.52	Peak	
4	356.8900	33.73	-11.87	21.86	46.00	-24.14	Peak	
5	508.2100	33.81	-8.56	25.25	46.00	-20.75	Peak	
6 *	852.5600	31.64	0.05	31.69	46.00	-14.31	Peak	

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

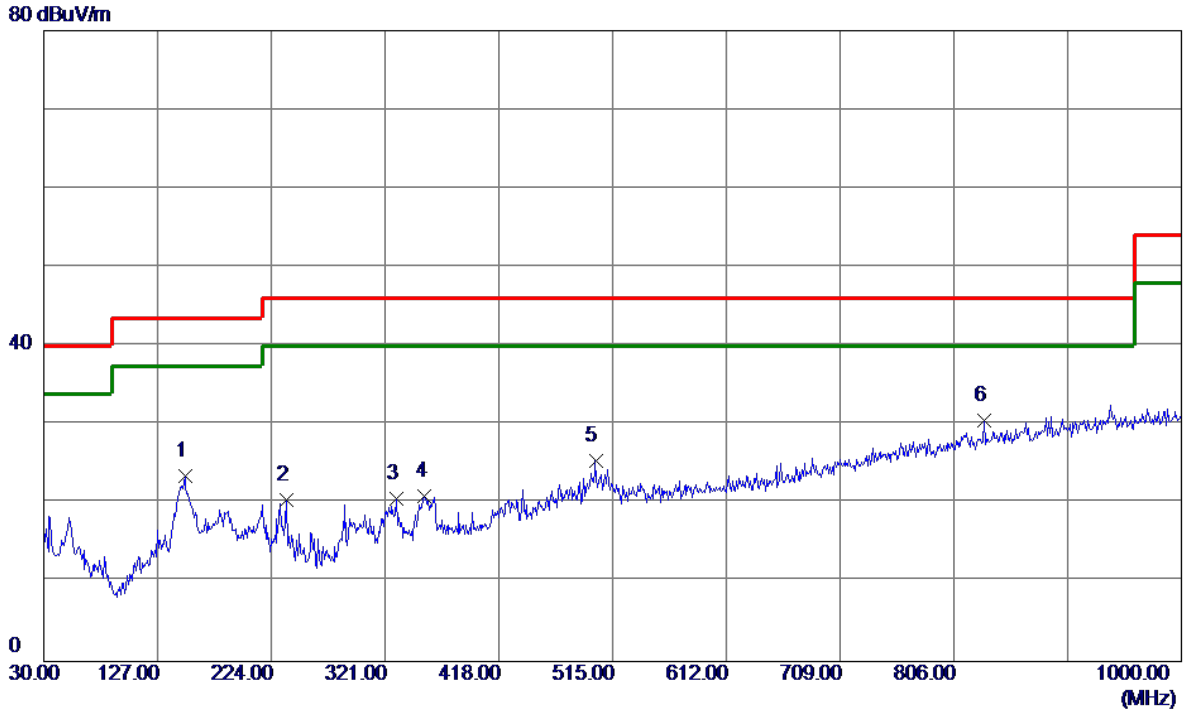
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	42.54	-14.51	28.03	40.00	-11.97	Peak	
2 *	53.2800	44.84	-13.88	30.96	40.00	-9.04	Peak	
3	143.4900	36.38	-13.97	22.41	43.50	-21.09	Peak	
4	214.3000	36.93	-13.95	22.98	43.50	-20.52	Peak	
5	533.4300	32.64	-8.05	24.59	46.00	-21.41	Peak	
6	942.7700	31.38	1.86	33.24	46.00	-12.76	Peak	

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

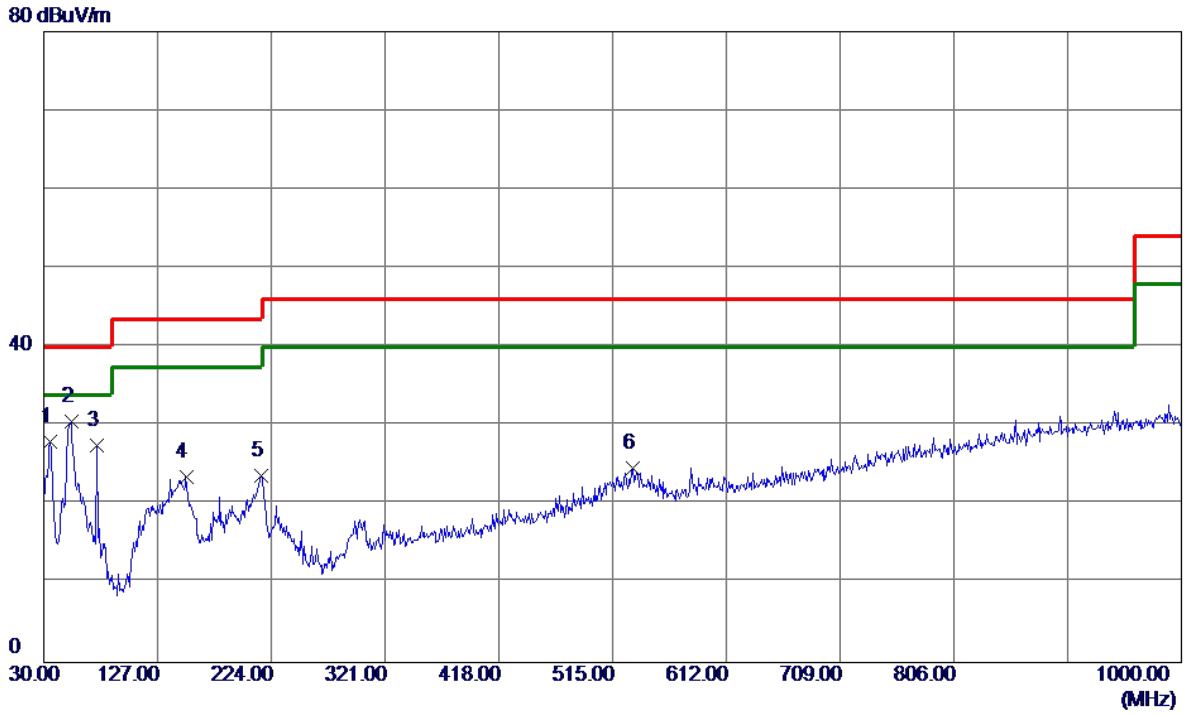
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	150.2800	37.02	-13.51	23.51	43.50	-19.99	Peak	
2	236.6100	34.71	-14.28	20.43	46.00	-25.57	Peak	
3	330.7000	32.97	-12.29	20.68	46.00	-25.32	Peak	
4	354.9500	32.85	-11.90	20.95	46.00	-25.05	Peak	
5	500.4500	34.21	-8.71	25.50	46.00	-20.50	Peak	
6 *	832.1900	31.10	-0.48	30.62	46.00	-15.38	Peak	

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

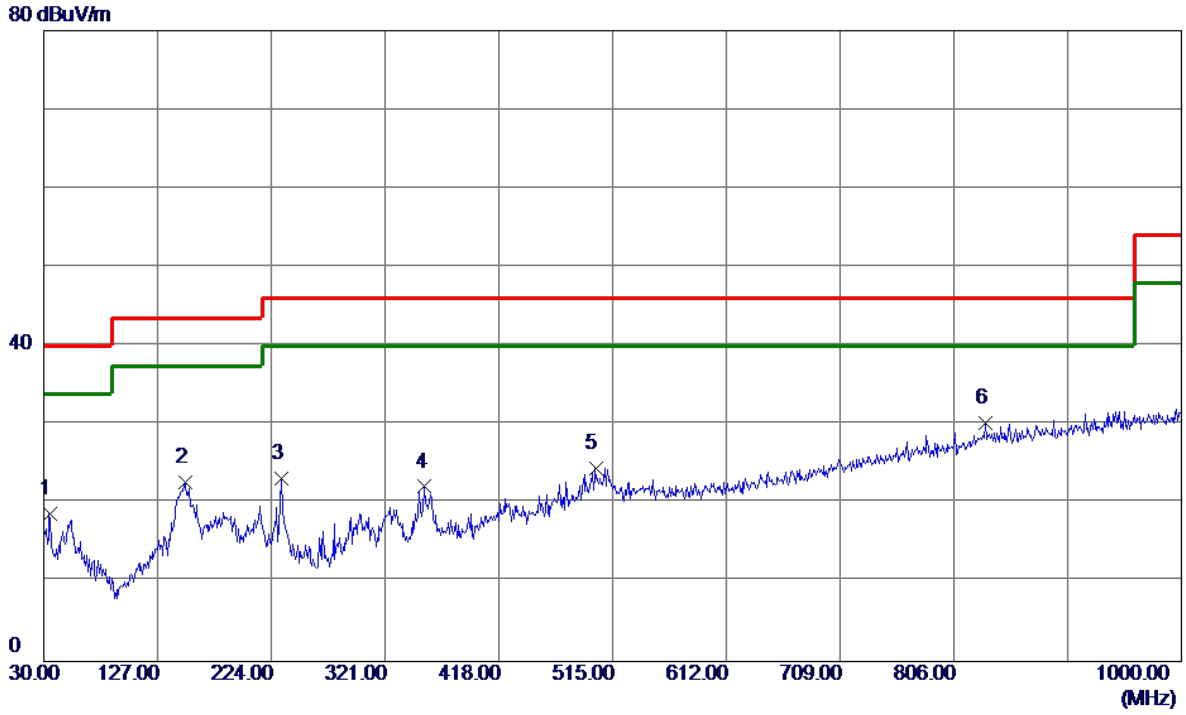
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	42.50	-14.51	27.99	40.00	-12.01	Peak	
2 *	53.2800	44.41	-13.88	30.53	40.00	-9.47	Peak	
3	75.5899	44.81	-17.22	27.59	40.00	-12.41	Peak	
4	151.2500	36.97	-13.45	23.52	43.50	-19.98	Peak	
5	215.2700	37.57	-13.94	23.63	43.50	-19.87	Peak	
6	532.4600	32.76	-8.07	24.69	46.00	-21.31	Peak	

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

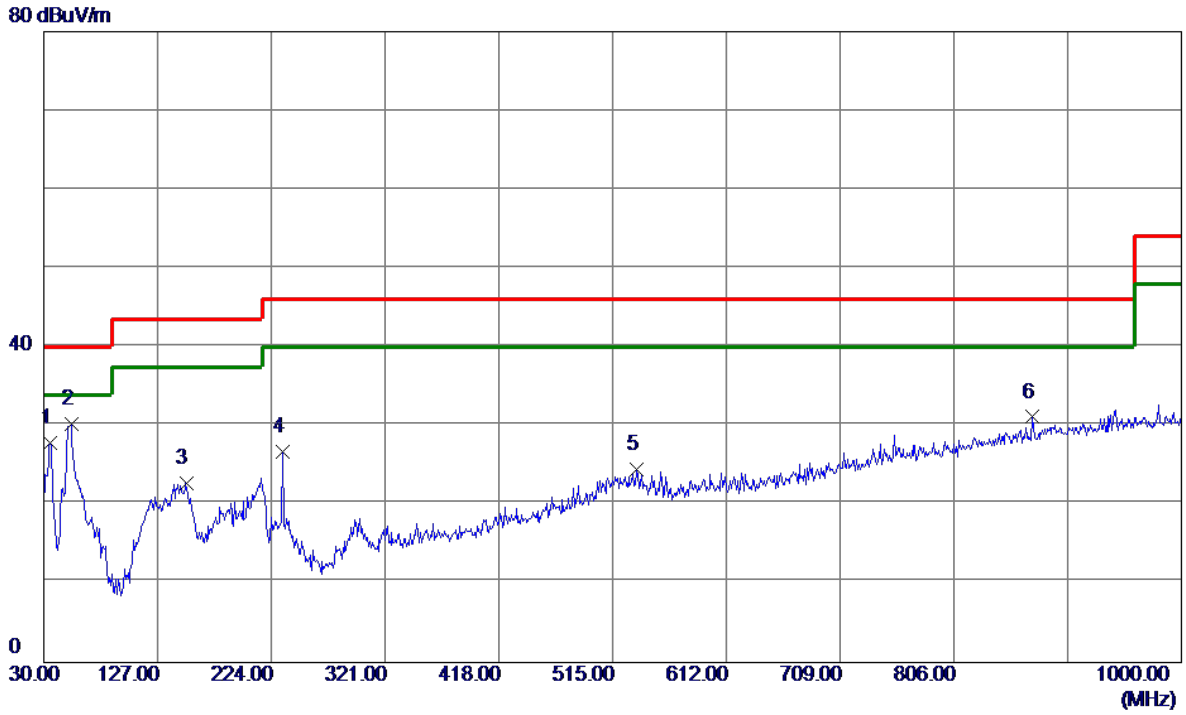
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	34.8500	33.32	-14.62	18.70	40.00	-21.30	Peak	
2	150.2800	36.30	-13.51	22.79	43.50	-20.71	Peak	
3	232.7300	37.41	-14.19	23.22	46.00	-22.78	Peak	
4	354.9500	34.06	-11.90	22.16	46.00	-23.84	Peak	
5	500.4500	33.15	-8.71	24.44	46.00	-21.56	Peak	
6 *	833.1599	30.68	-0.46	30.22	46.00	-15.78	Peak	

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

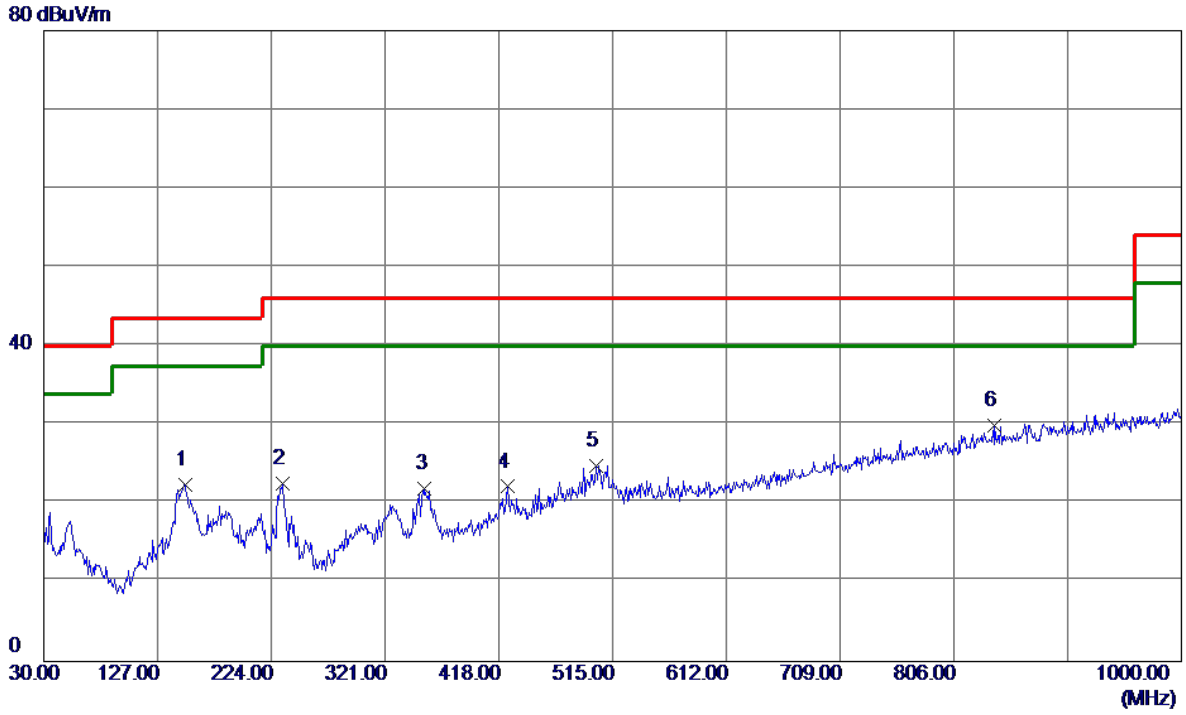
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	42.28	-14.51	27.77	40.00	-12.23	Peak	
2 *	53.2800	44.17	-13.88	30.29	40.00	-9.71	Peak	
3	151.2500	36.22	-13.45	22.77	43.50	-20.73	Peak	
4	233.7000	40.98	-14.22	26.76	46.00	-19.24	Peak	
5	535.3700	32.45	-8.01	24.44	46.00	-21.56	Peak	
6	872.9300	30.65	0.47	31.12	46.00	-14.88	Peak	

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

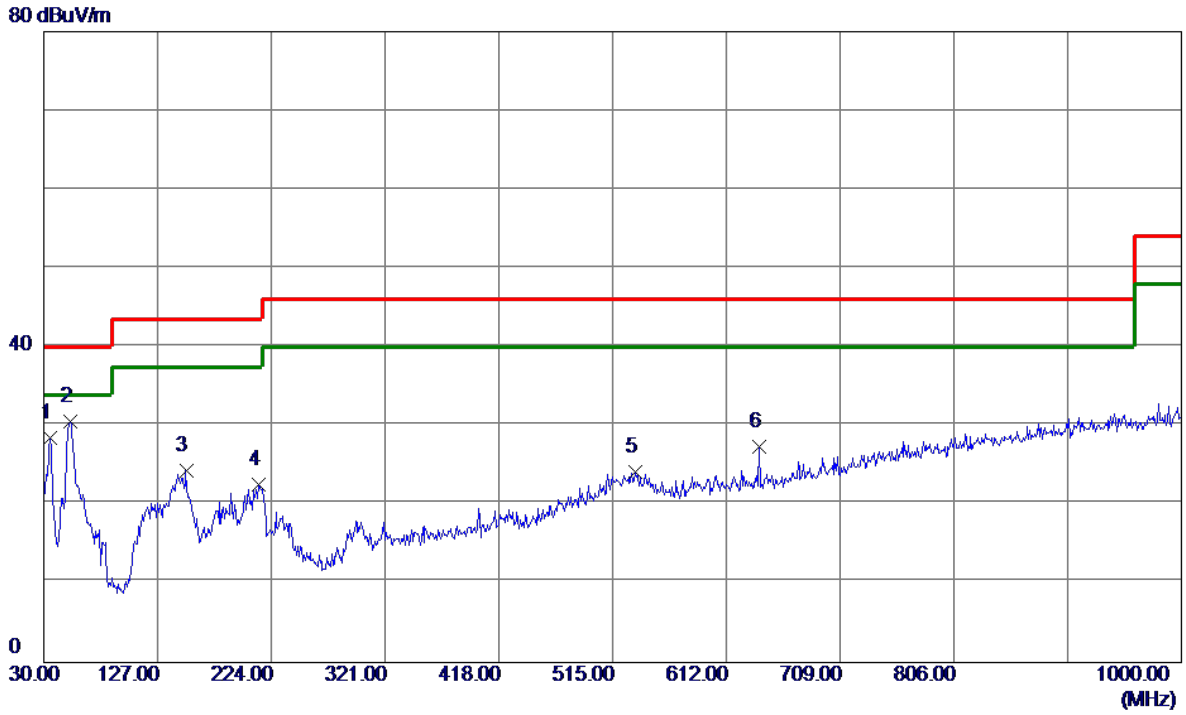
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	150.2800	35.92	-13.51	22.41	43.50	-21.09	Peak	
2	233.7000	36.81	-14.22	22.59	46.00	-23.41	Peak	
3	354.9500	33.84	-11.90	21.94	46.00	-24.06	Peak	
4	425.7600	32.79	-10.63	22.16	46.00	-23.84	Peak	
5	501.4200	33.56	-8.69	24.87	46.00	-21.13	Peak	
6 *	840.9200	30.10	-0.25	29.85	46.00	-16.15	Peak	

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

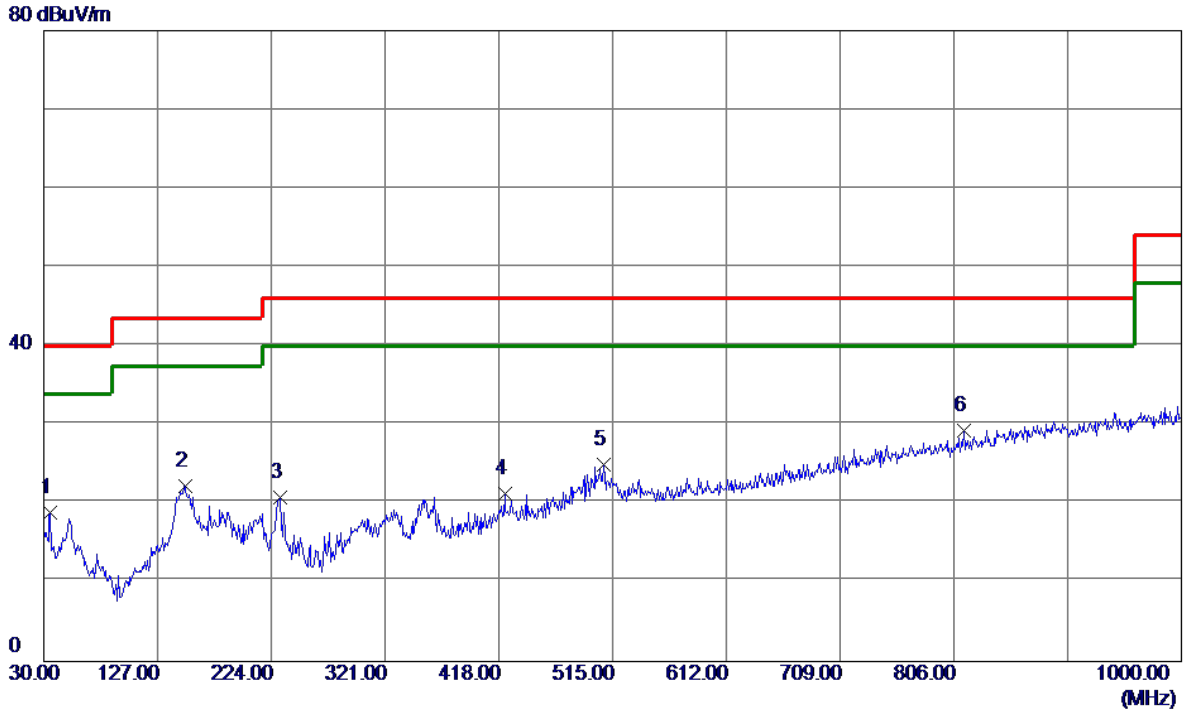
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	42.98	-14.51	28.47	40.00	-11.53	Peak	
2 *	52.3100	44.33	-13.79	30.54	40.00	-9.46	Peak	
3	151.2500	37.75	-13.45	24.30	43.50	-19.20	Peak	
4	213.3300	36.48	-13.95	22.53	43.50	-20.97	Peak	
5	534.4000	32.13	-8.03	24.10	46.00	-21.90	Peak	
6	640.1300	33.02	-5.66	27.36	46.00	-18.64	Peak	

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

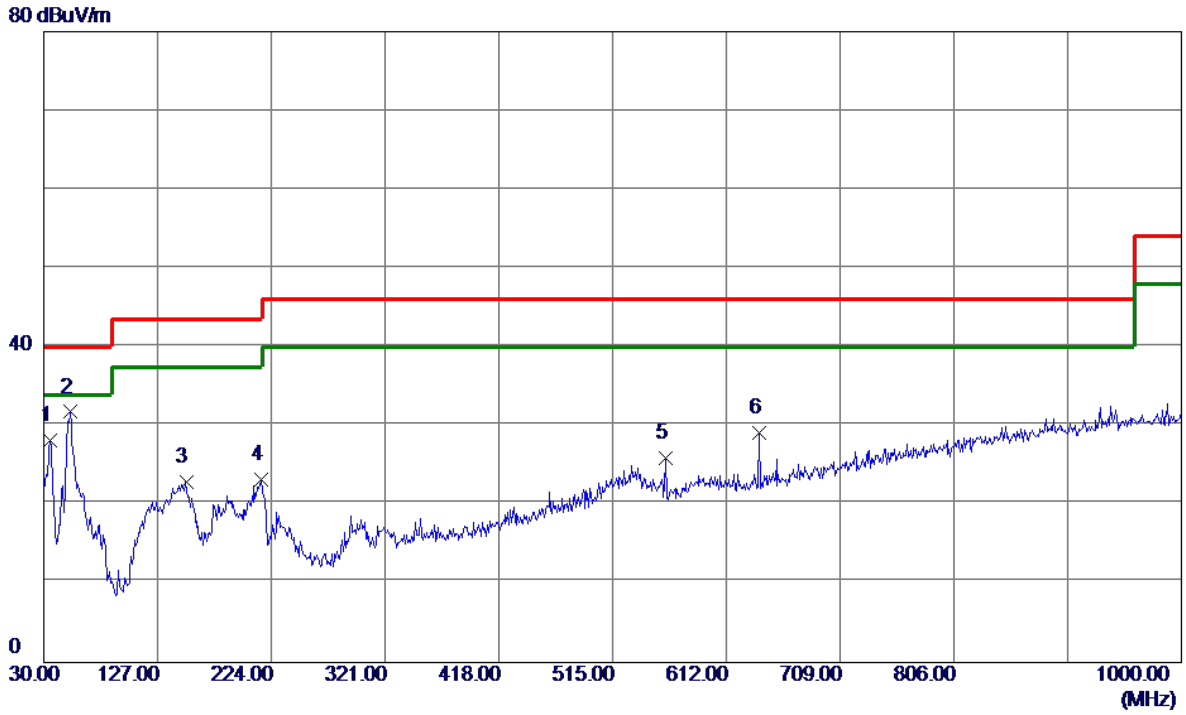
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	33.33	-14.51	18.82	40.00	-21.18	Peak	
2	150.2800	35.80	-13.51	22.29	43.50	-21.21	Peak	
3	231.7600	34.96	-14.17	20.79	46.00	-25.21	Peak	
4	422.8500	32.03	-10.71	21.32	46.00	-24.68	Peak	
5	507.2400	33.52	-8.57	24.95	46.00	-21.05	Peak	
6 *	814.7300	30.25	-0.96	29.29	46.00	-16.71	Peak	

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

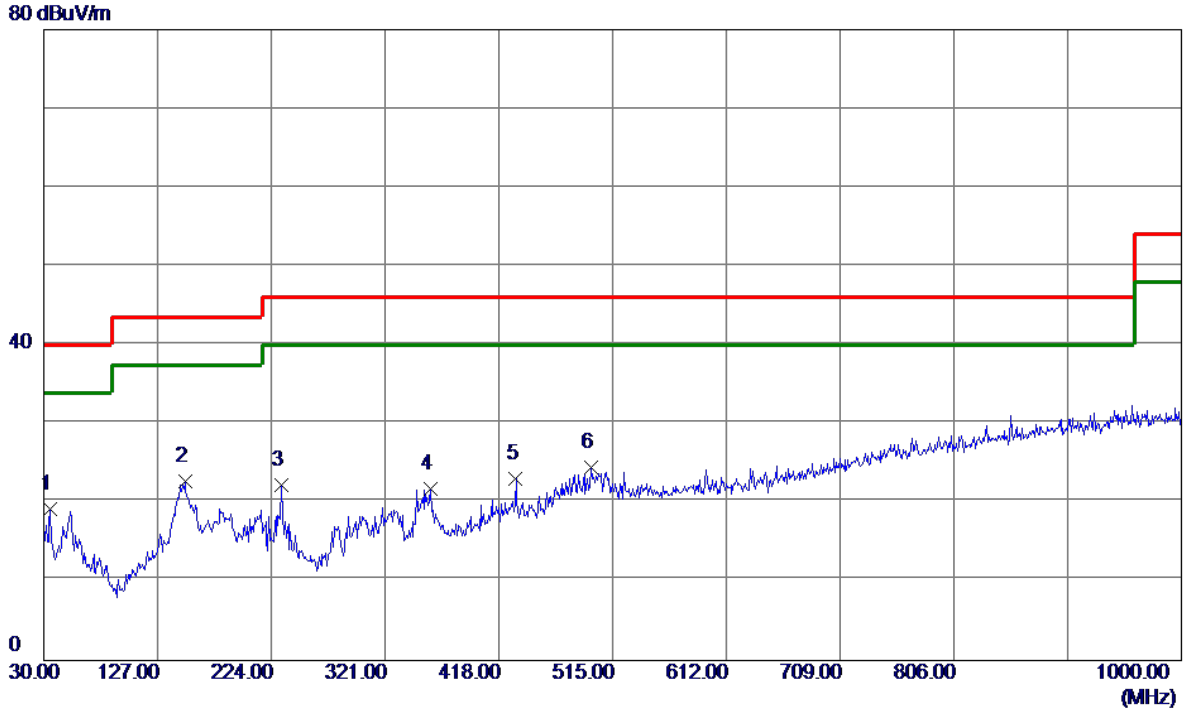
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	35.8200	42.70	-14.51	28.19	40.00	-11.81	Peak	
2 *	52.3100	45.55	-13.79	31.76	40.00	-8.24	Peak	
3	151.2500	36.28	-13.45	22.83	43.50	-20.67	Peak	
4	215.2700	37.08	-13.94	23.14	43.50	-20.36	Peak	
5	560.5900	33.40	-7.44	25.96	46.00	-20.04	Peak	
6	640.1300	34.74	-5.66	29.08	46.00	-16.92	Peak	

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

Horizontal

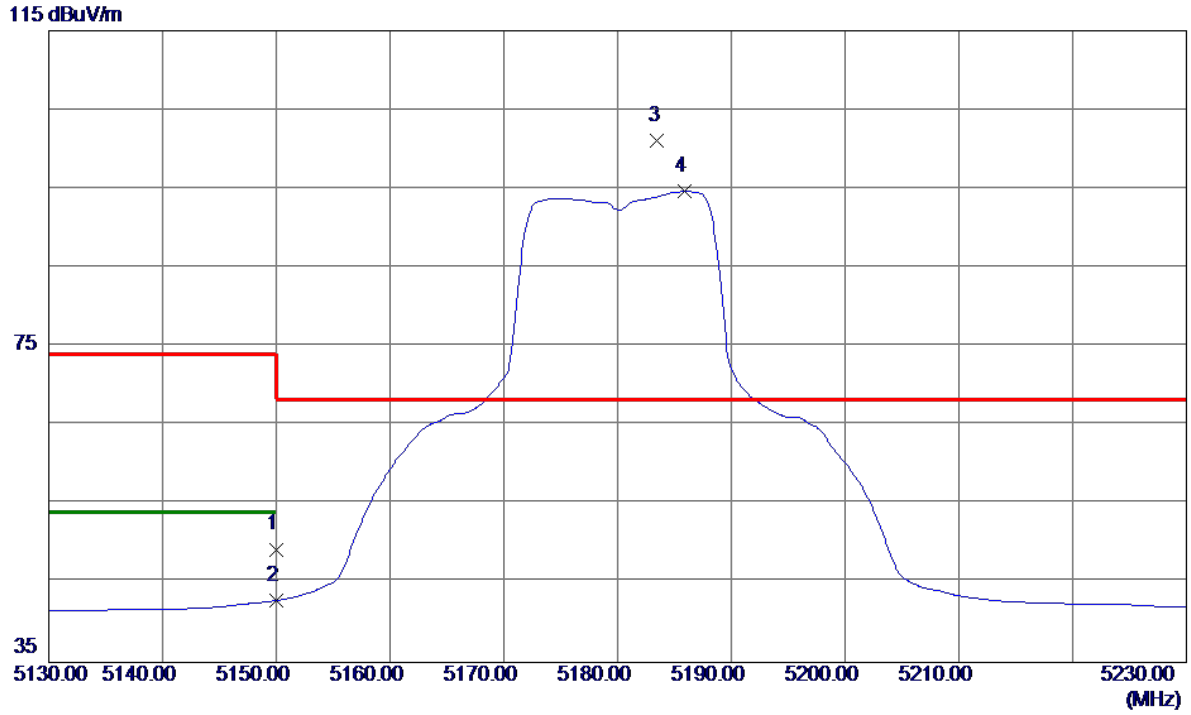


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	35.8200	33.69	-14.51	19.18	40.00	-20.82	Peak	
2	150.2800	36.19	-13.51	22.68	43.50	-20.82	Peak	
3	232.7300	36.46	-14.19	22.27	46.00	-23.73	Peak	
4	359.8000	33.59	-11.84	21.75	46.00	-24.25	Peak	
5	432.5500	33.55	-10.44	23.11	46.00	-22.89	Peak	
6	496.5700	33.24	-8.80	24.44	46.00	-21.56	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

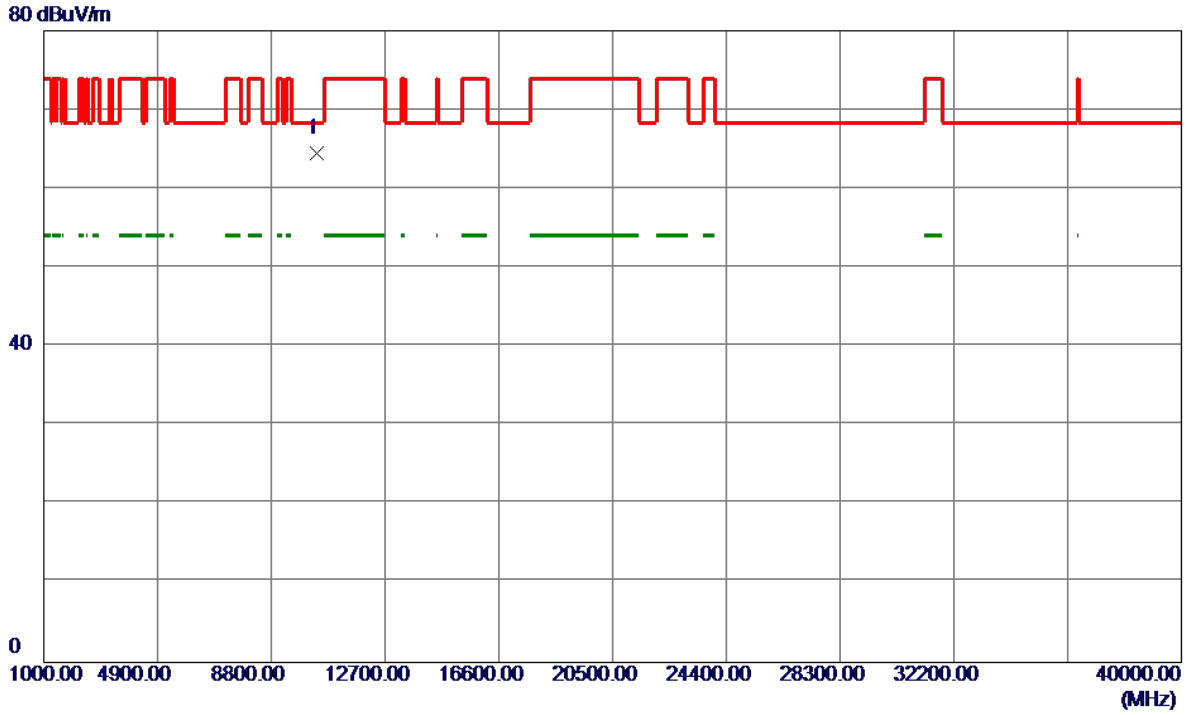
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.42	39.90	49.32	74.00	-24.68	Peak	
2	5150.0000	2.96	39.90	42.86	54.00	-11.14	AVG	
3 *	5183.5000	61.11	39.99	101.10	68.30	32.80	Peak	No Limit
4	5185.9000	54.63	40.00	94.63	999.00	-904.37	AVG	No Limit

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

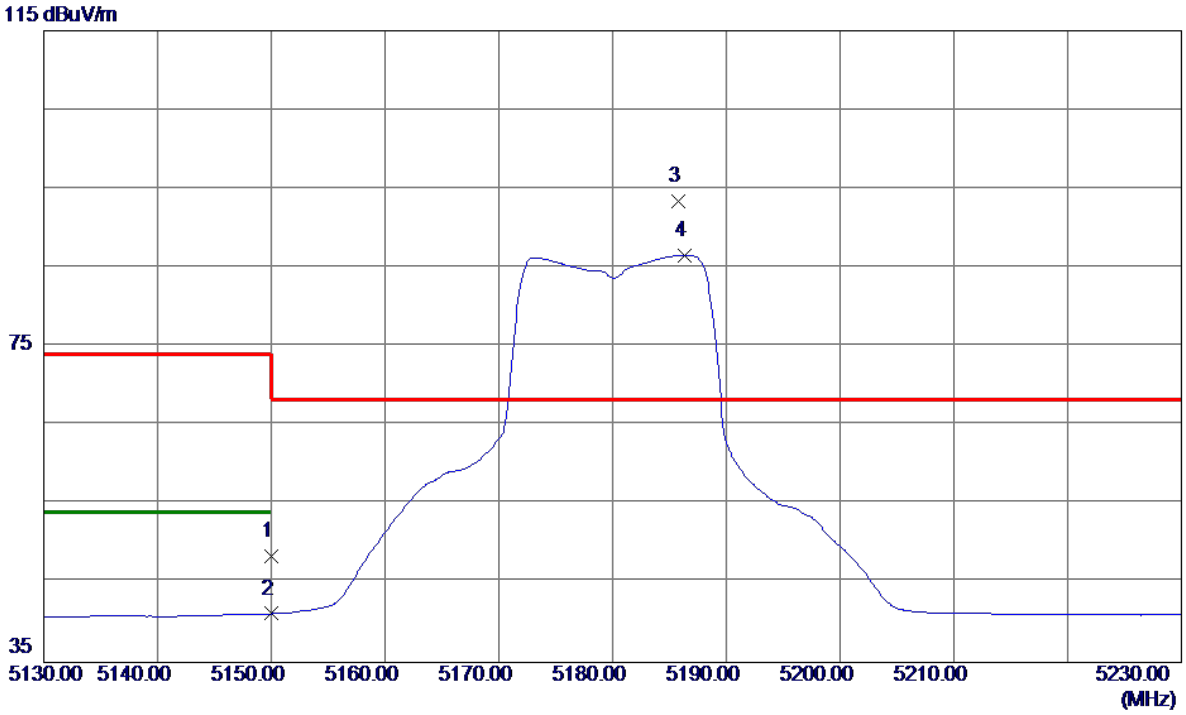
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10362.2000	49.96	14.58	64.54	68.30	-3.76	Peak	

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

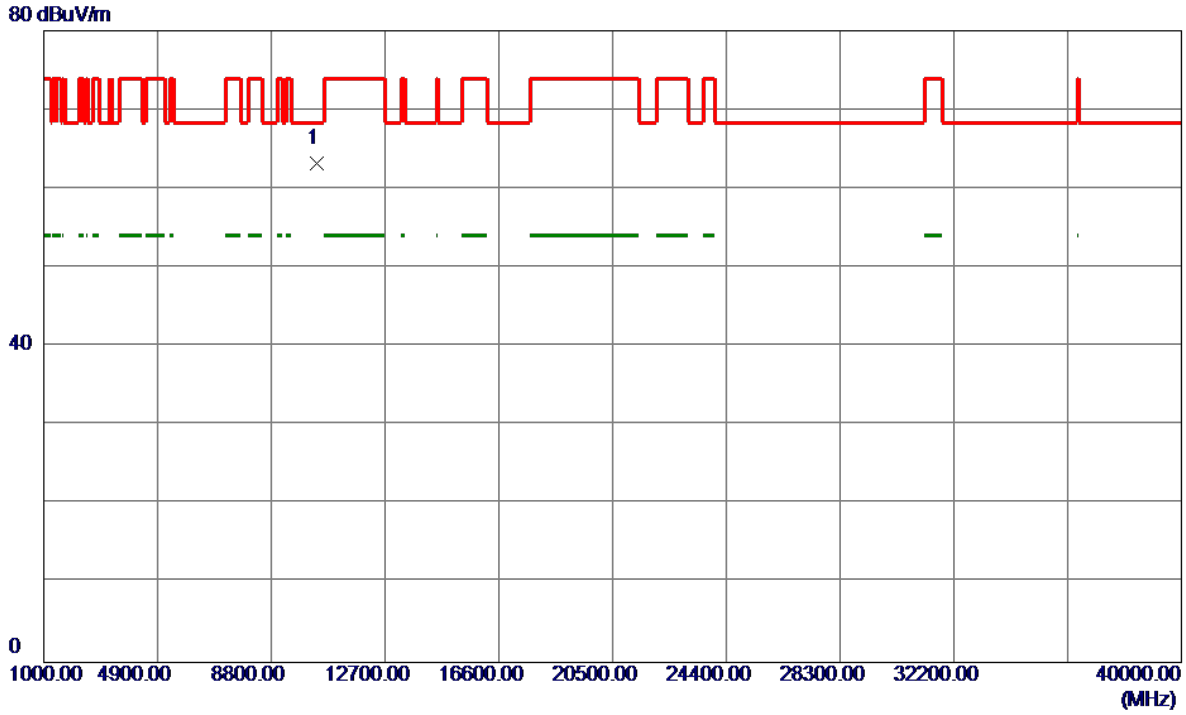
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.58	39.90	48.48	74.00	-25.52	Peak	
2	5150.0000	1.26	39.90	41.16	54.00	-12.84	AVG	
3 *	5185.8000	53.37	40.00	93.37	68.30	25.07	Peak	No Limit
4	5186.3000	46.55	40.00	86.55	999.00	-912.45	AVG	No Limit

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

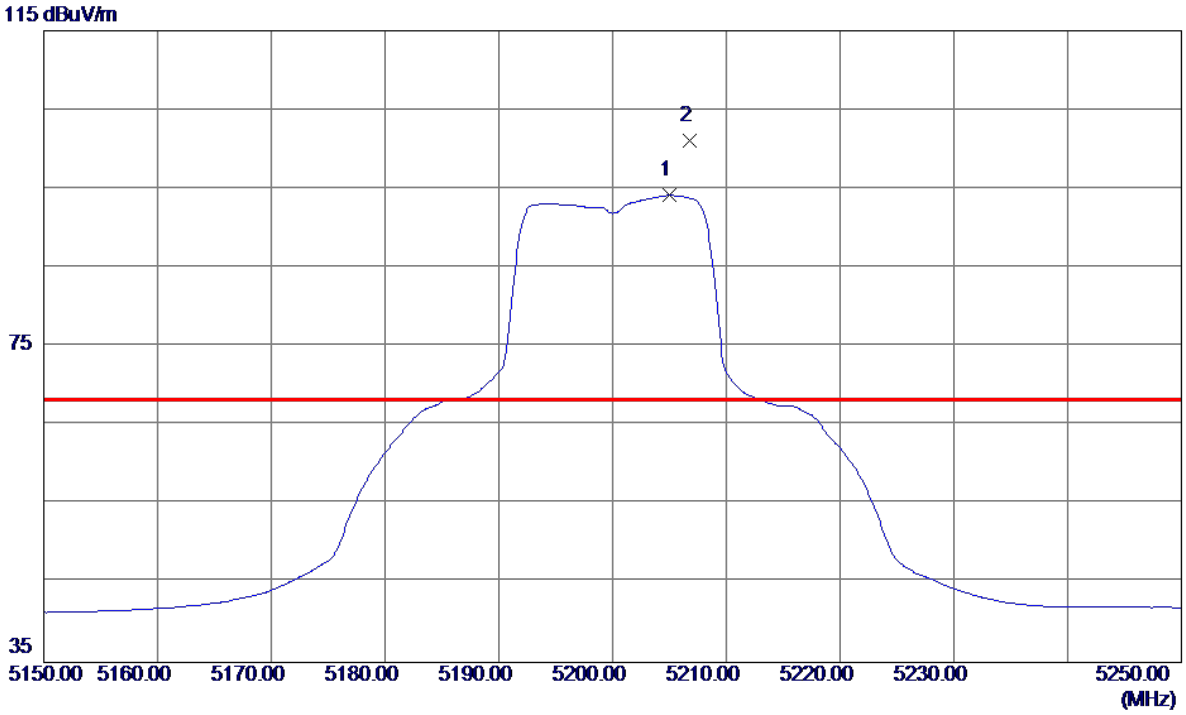
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10361.5599	48.63	14.58	63.21	68.30	-5.09	Peak	

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

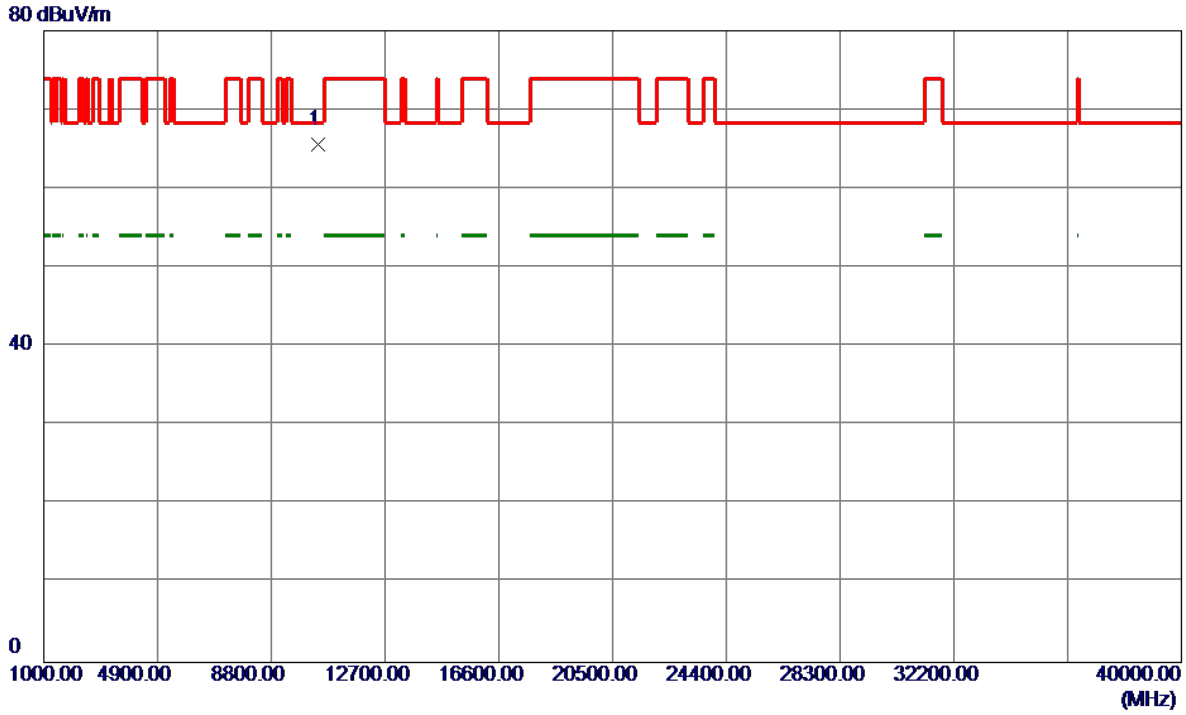
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.0000	54.09	40.05	94.14	999.00	-904.86	AVG	No Limit
2 *	5206.8000	61.01	40.05	101.06	68.30	32.76	Peak	No Limit

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

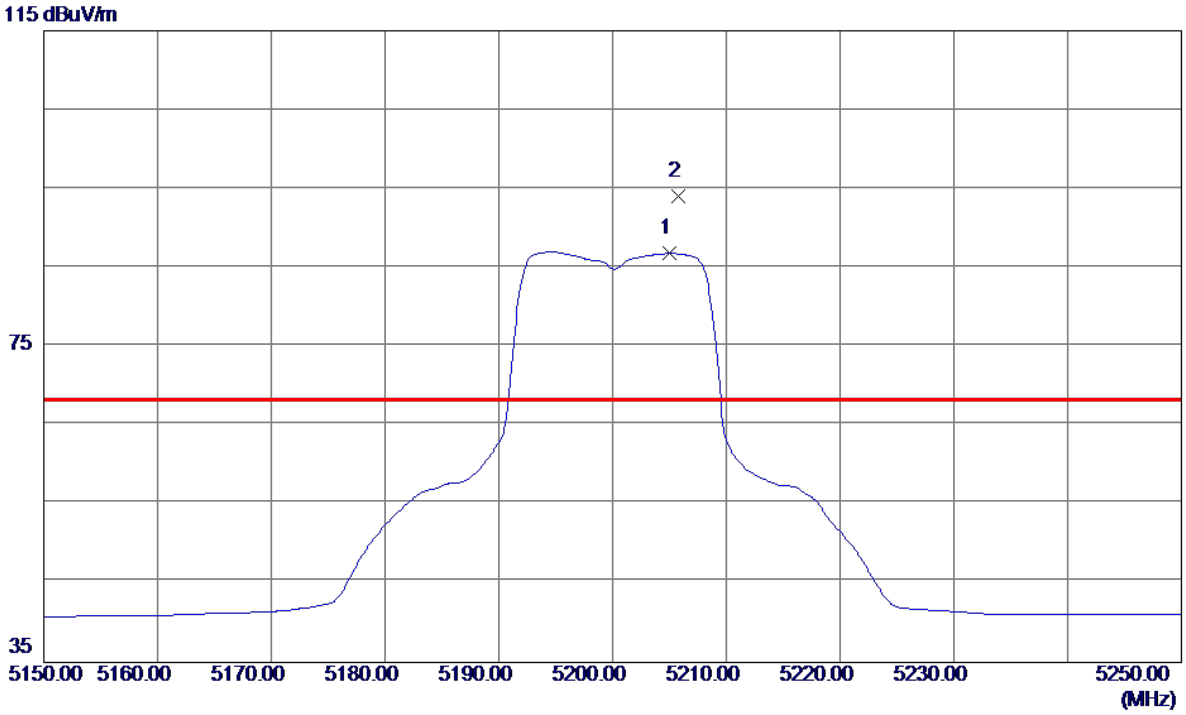
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10402.0400	50.90	14.64	65.54	68.30	-2.76	Peak	

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

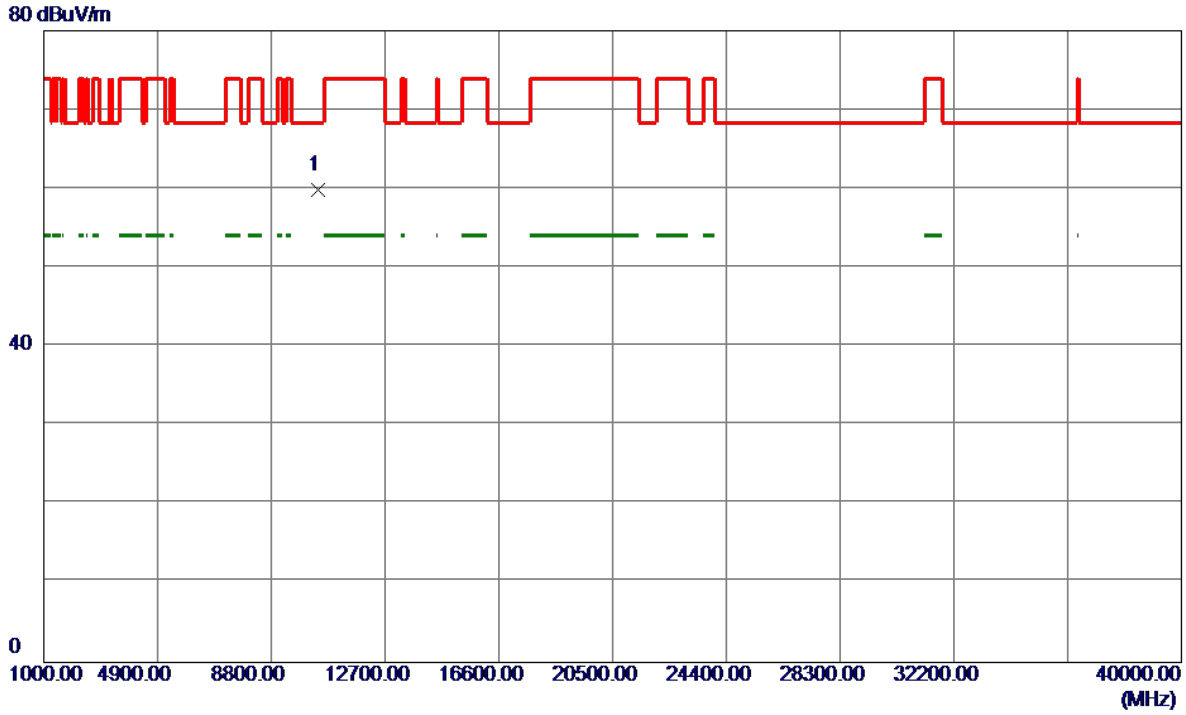
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.0000	46.74	40.05	86.79	999.00	-912.21	AVG	No Limit
2 *	5205.8000	54.03	40.05	94.08	68.30	25.78	Peak	No Limit

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

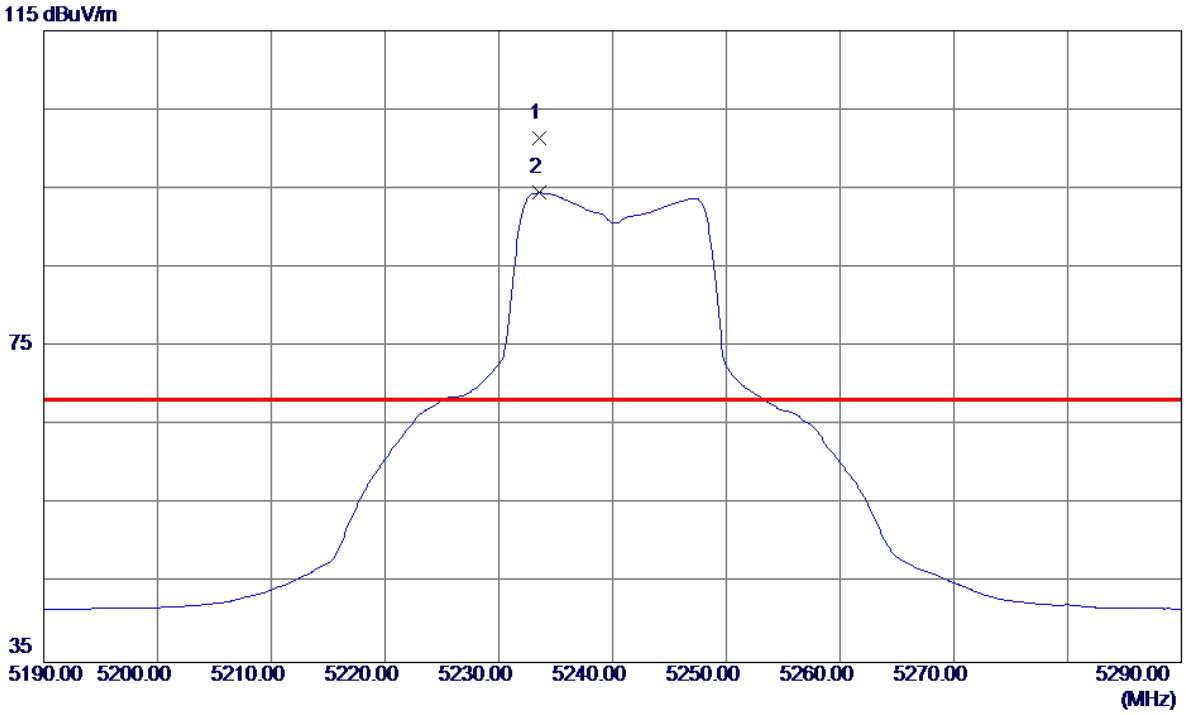
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401.9400	45.15	14.64	59.79	68.30	-8.51	Peak	

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

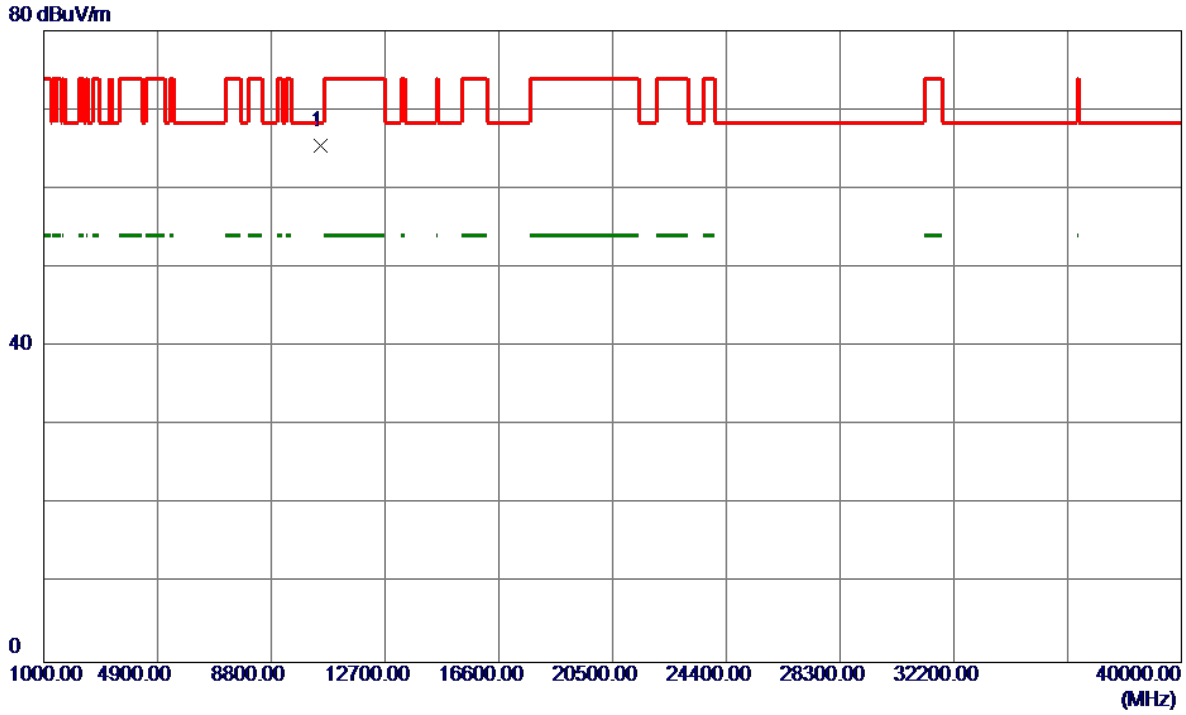
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233.6000	61.34	40.13	101.47	68.30	33.17	Peak	No Limit
2	5233.6000	54.32	40.13	94.45	999.00	-904.55	AVG	No Limit

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

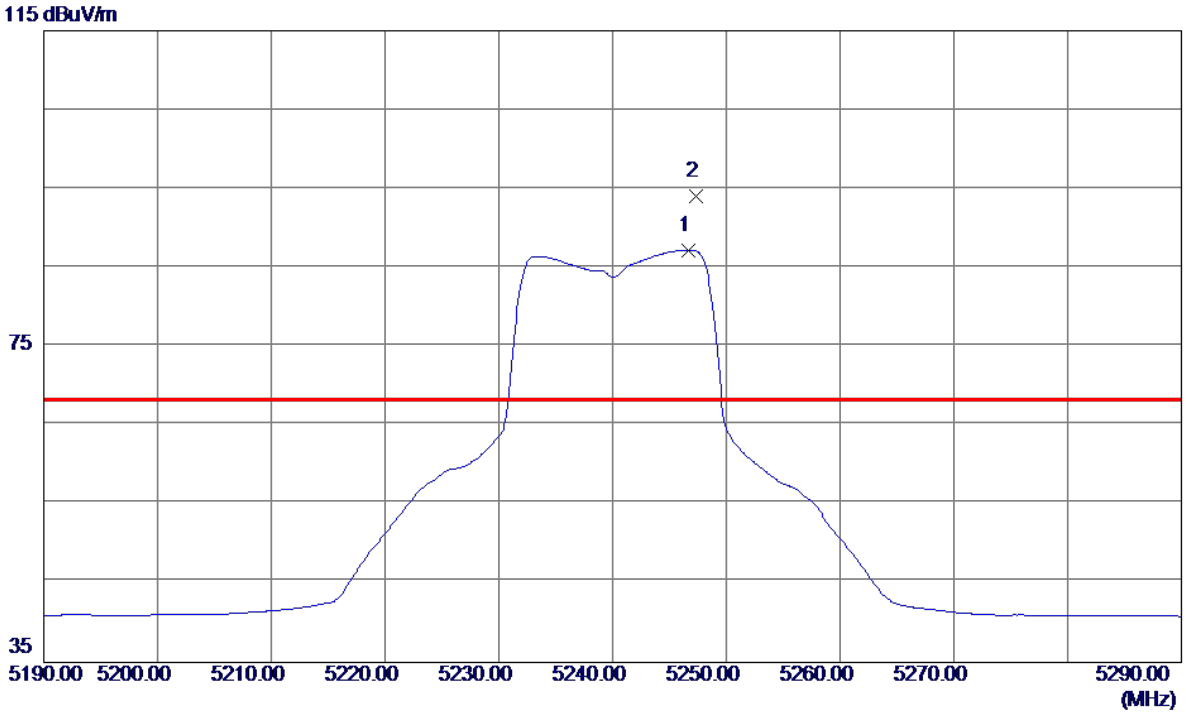
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10474.6600	50.75	14.74	65.49	68.30	-2.81	Peak	

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

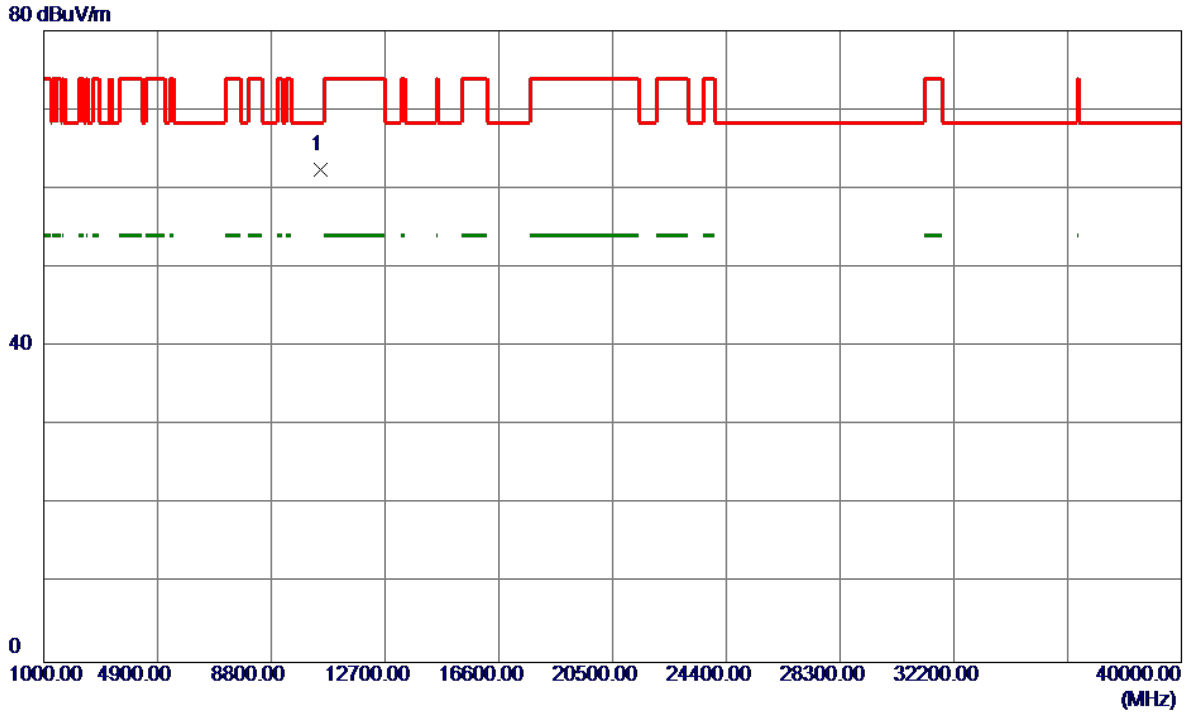
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5246.7000	47.05	40.17	87.22	999.00	-911.78	AVG	No Limit
2 *	5247.3000	53.88	40.17	94.05	68.30	25.75	Peak	No Limit

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

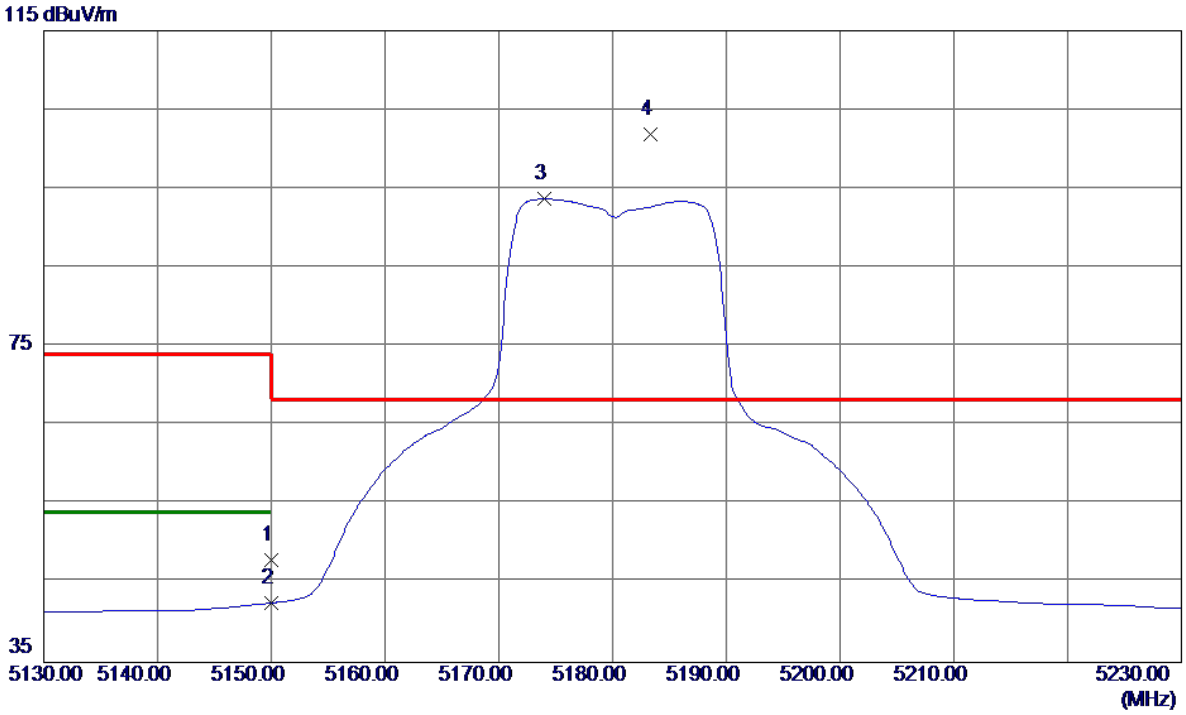
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10482.3600	47.59	14.75	62.34	68.30	-5.96	Peak	

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

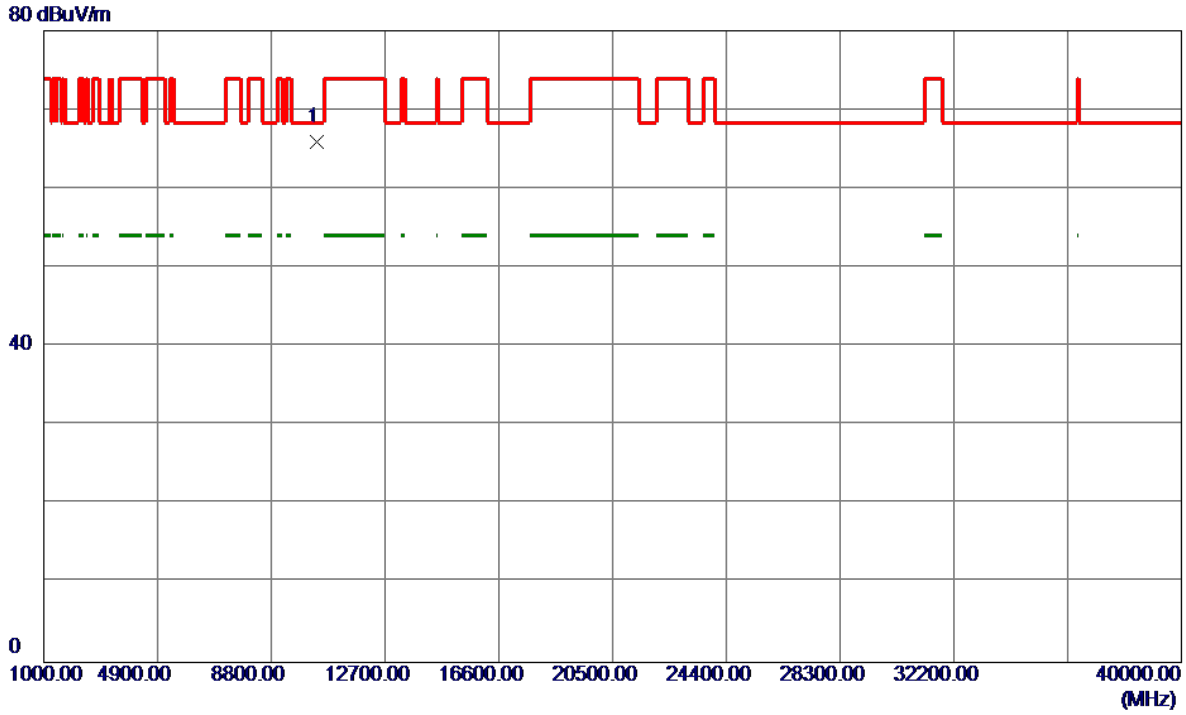
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.11	39.90	48.01	74.00	-25.99	Peak	
2	5150.0000	2.62	39.90	42.52	54.00	-11.48	AVG	
3	5174.0000	53.73	39.96	93.69	999.00	-905.31	AVG	No Limit
4 *	5183.3000	61.91	39.99	101.90	68.30	33.60	Peak	No Limit

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

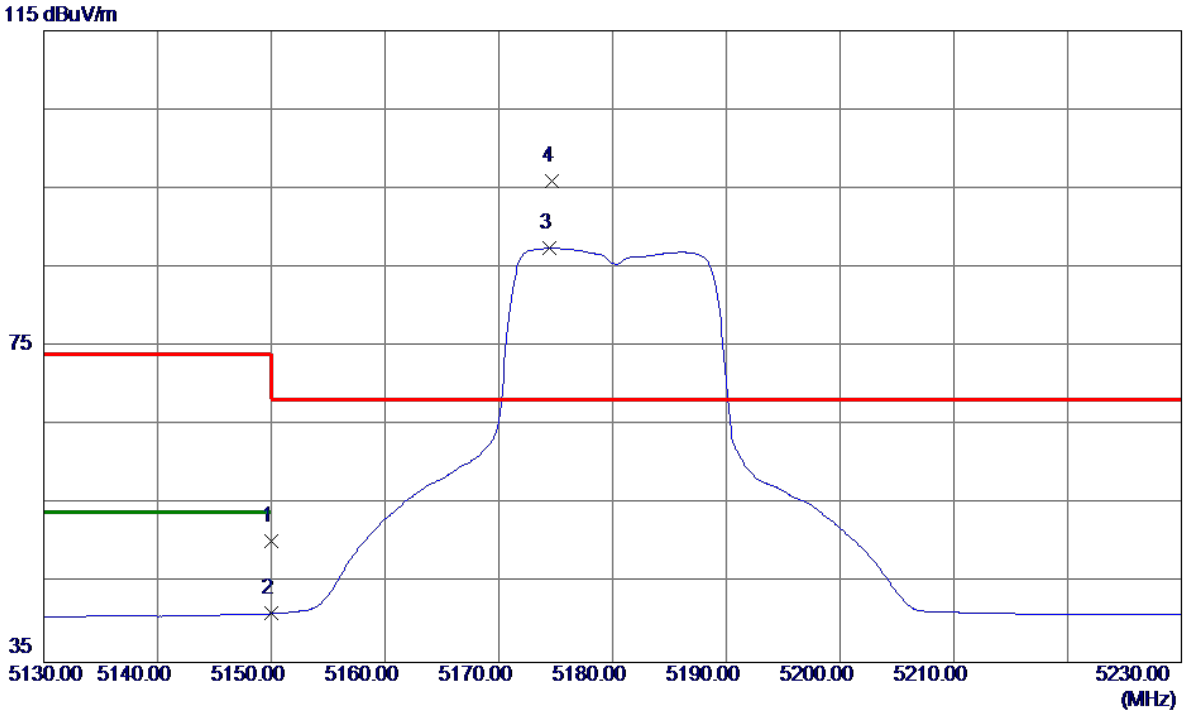
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.9200	51.31	14.58	65.89	68.30	-2.41	Peak	

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

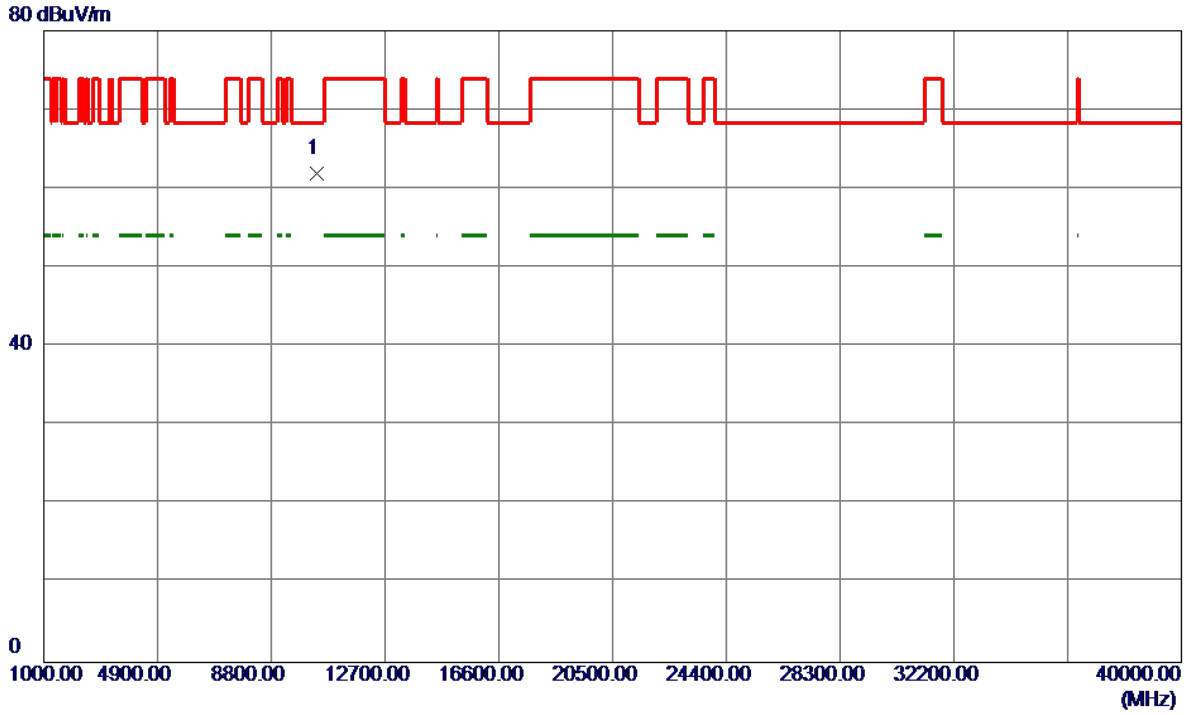
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	10.46	39.90	50.36	74.00	-23.64	Peak	
2	5150.0000	1.27	39.90	41.17	54.00	-12.83	AVG	
3	5174.4000	47.47	39.96	87.43	999.00	-911.57	AVG	No Limit
4 *	5174.7000	55.96	39.97	95.93	68.30	27.63	Peak	No Limit

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

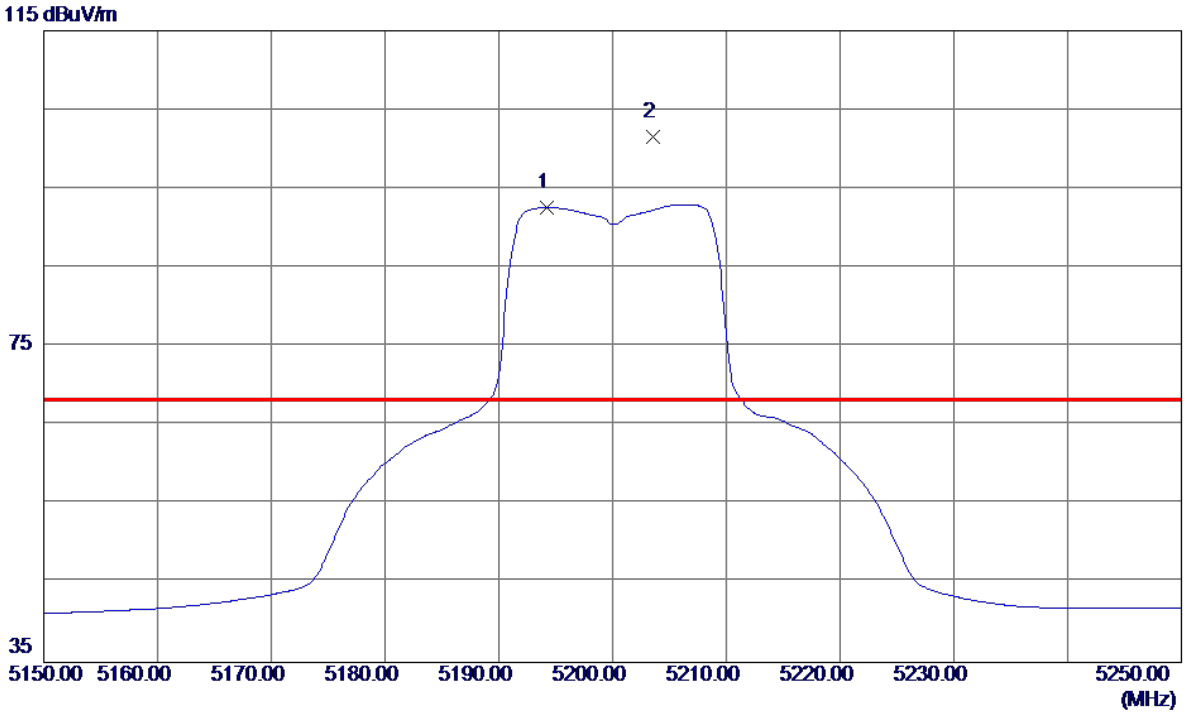
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.8600	47.30	14.58	61.88	68.30	-6.42	Peak	

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

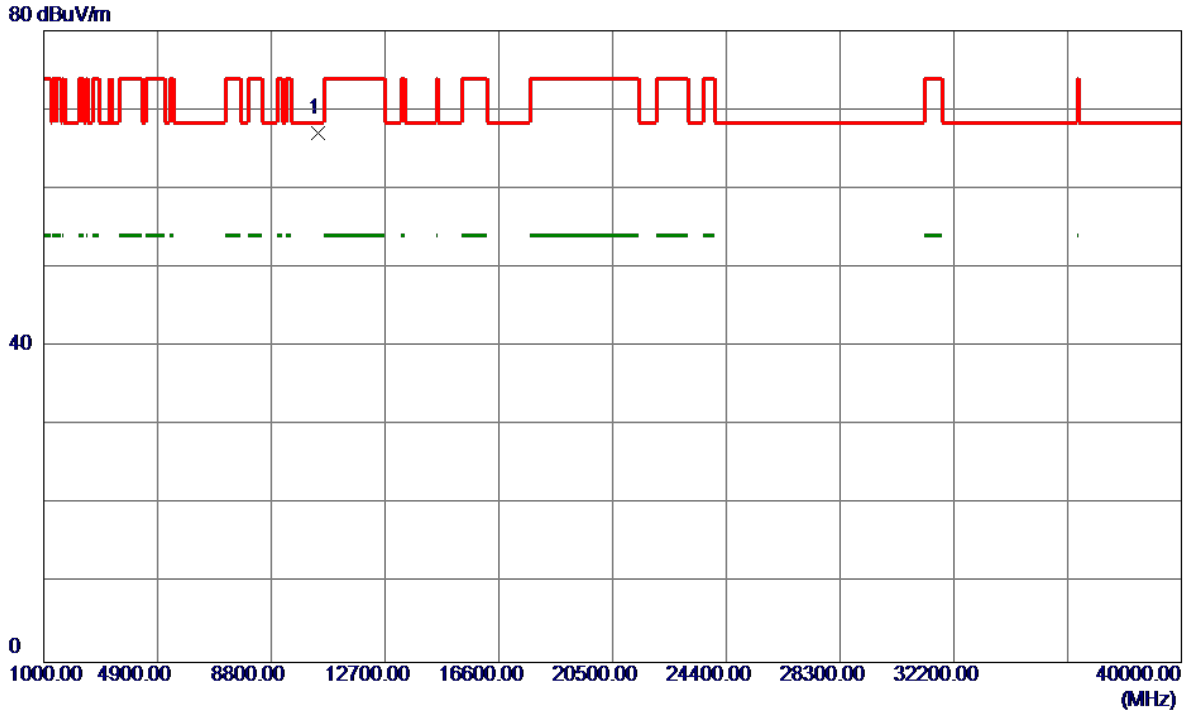
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5194.2000	52.59	40.02	92.61	999.00	-906.39	AVG	No Limit
2 *	5203.6000	61.51	40.05	101.56	68.30	33.26	Peak	No Limit

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

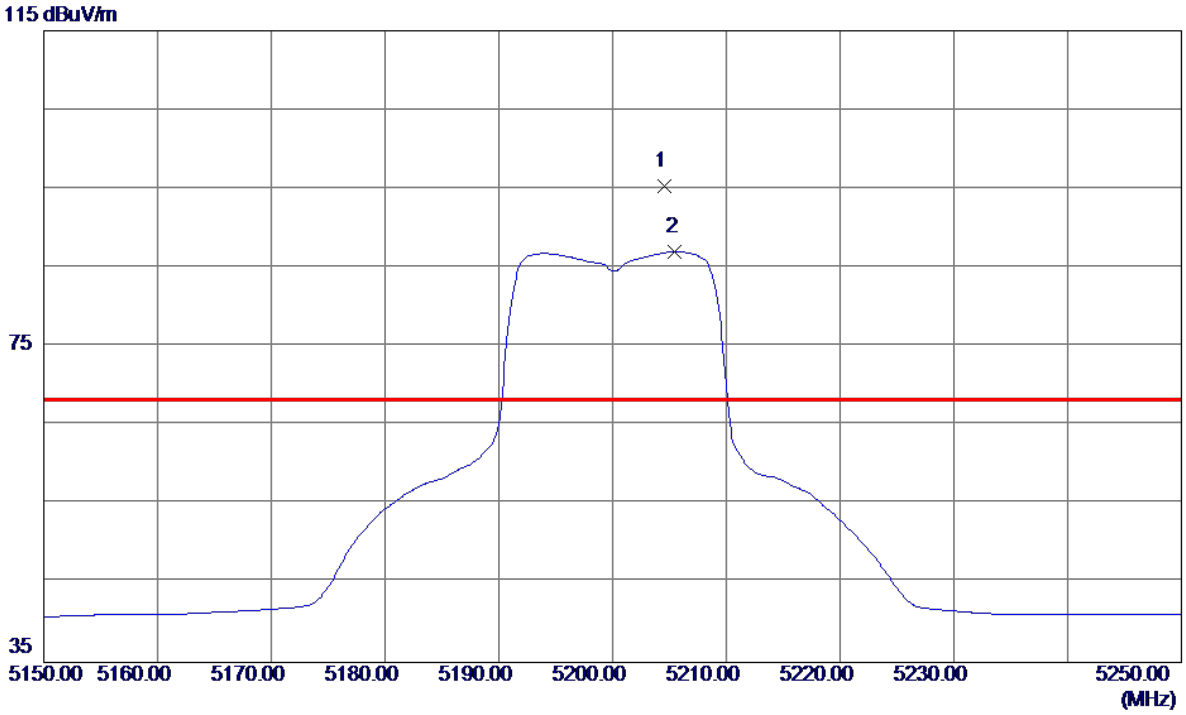
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.8400	52.36	14.64	67.00	68.30	-1.30	Peak	

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

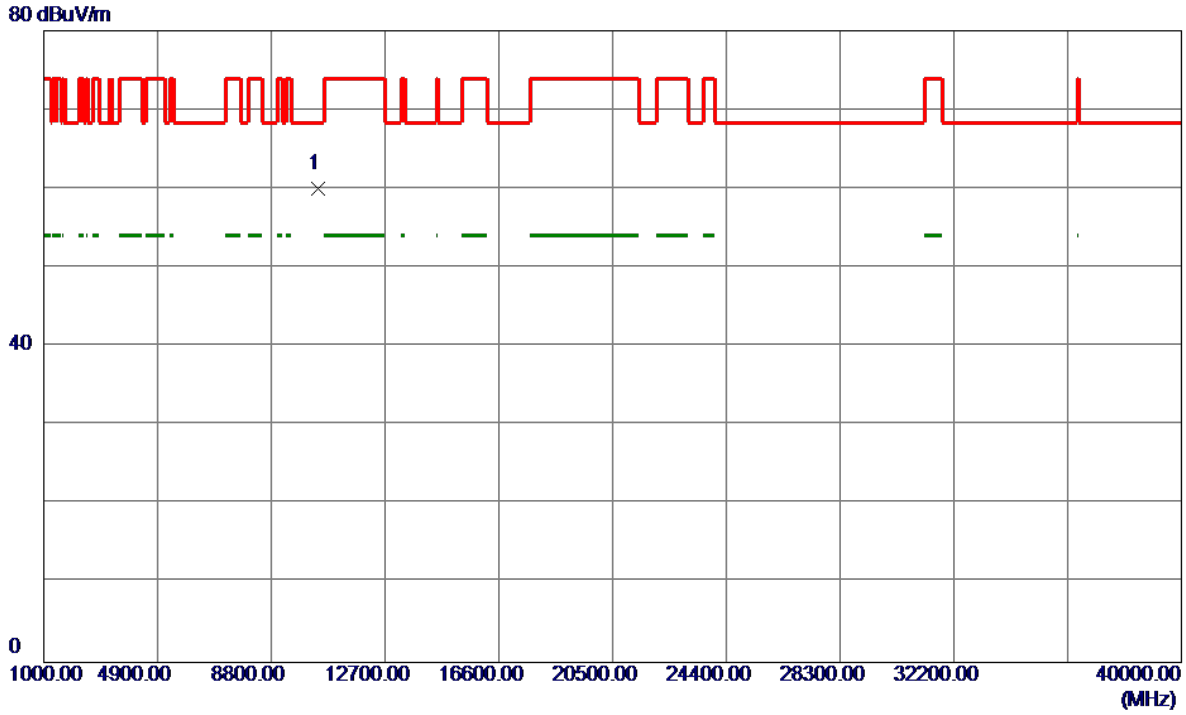
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5204.6000	55.25	40.05	95.30	68.30	27.00	Peak	No Limit
2	5205.5000	46.95	40.05	87.00	999.00	-912.00	AVG	No Limit

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

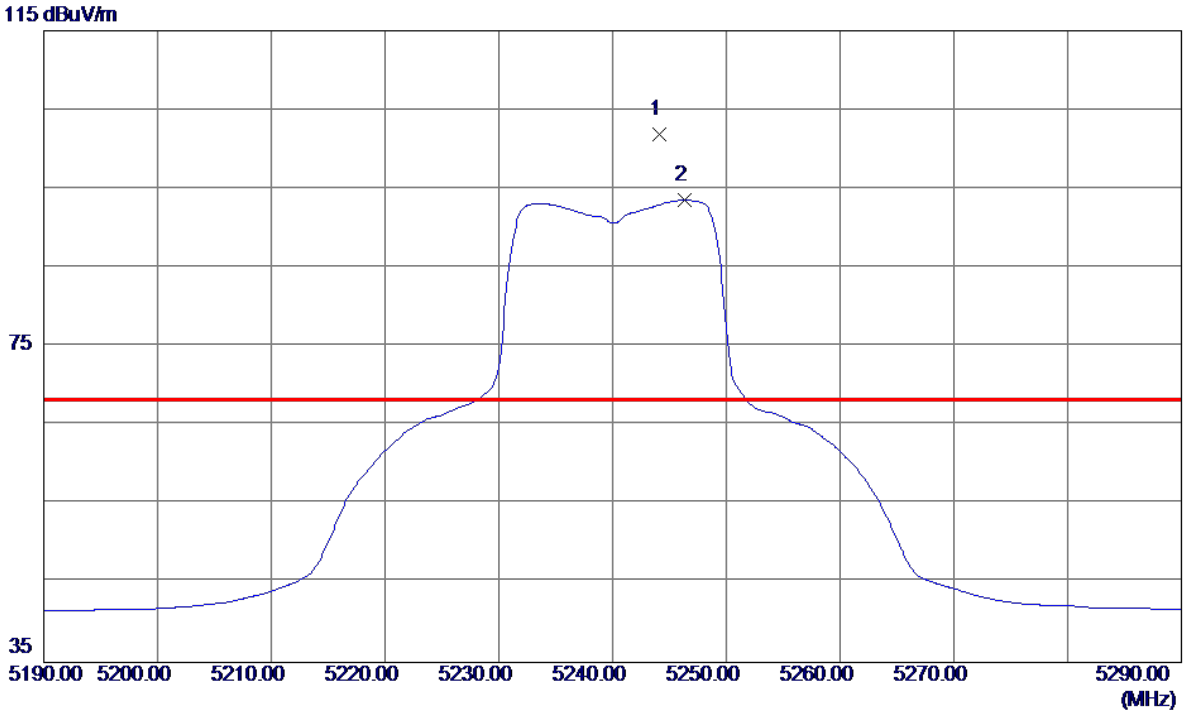
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401.7600	45.31	14.64	59.95	68.30	-8.35	Peak	

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

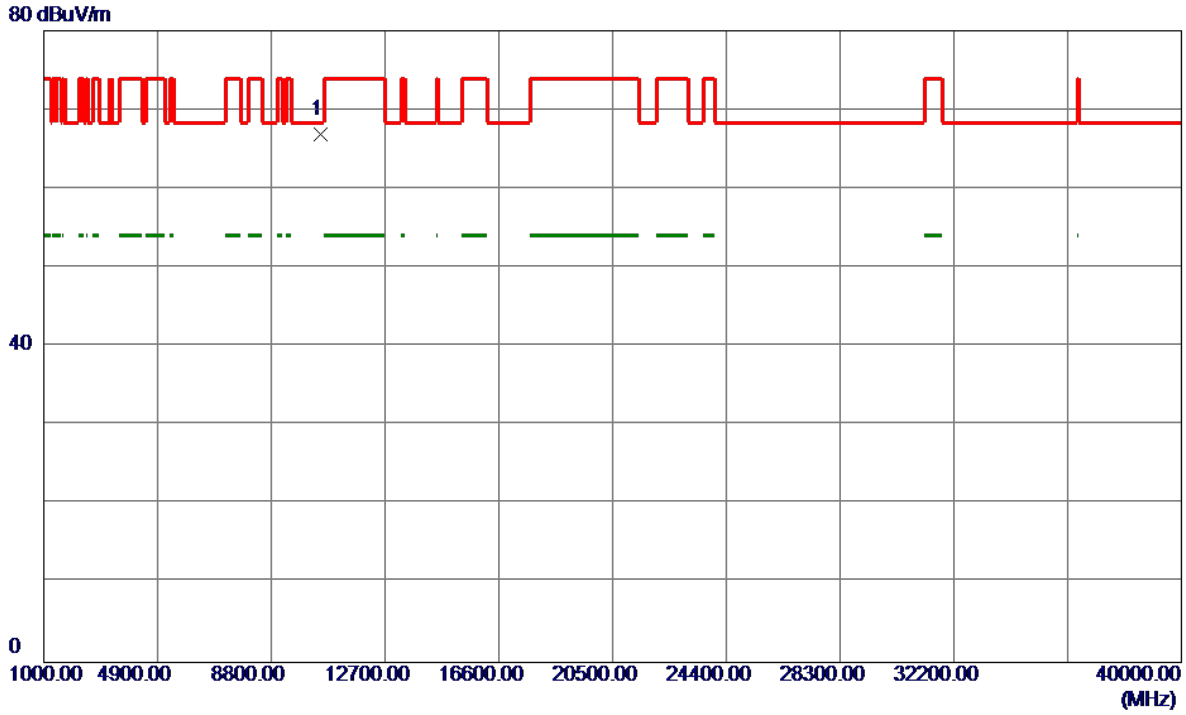
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5244.1000	61.65	40.16	101.81	68.30	33.51	Peak	No Limit
2	5246.3000	53.35	40.16	93.51	999.00	-905.49	AVG	No Limit

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

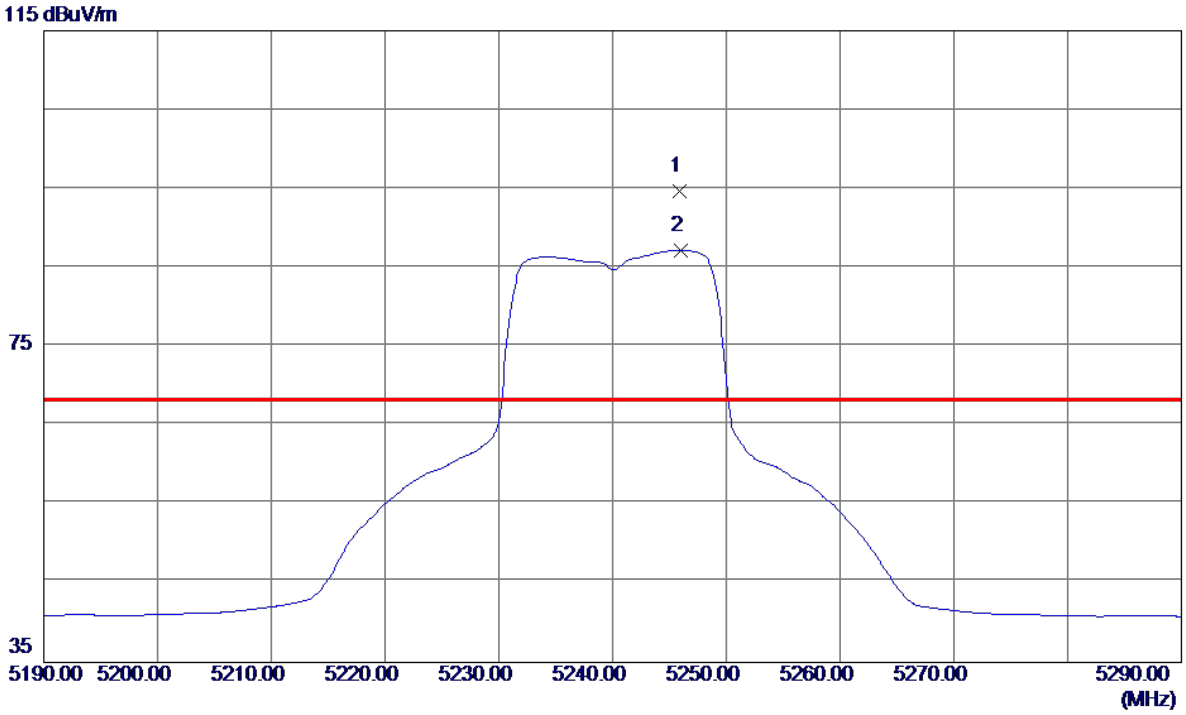
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.8400	52.09	14.75	66.84	68.30	-1.46	Peak	

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

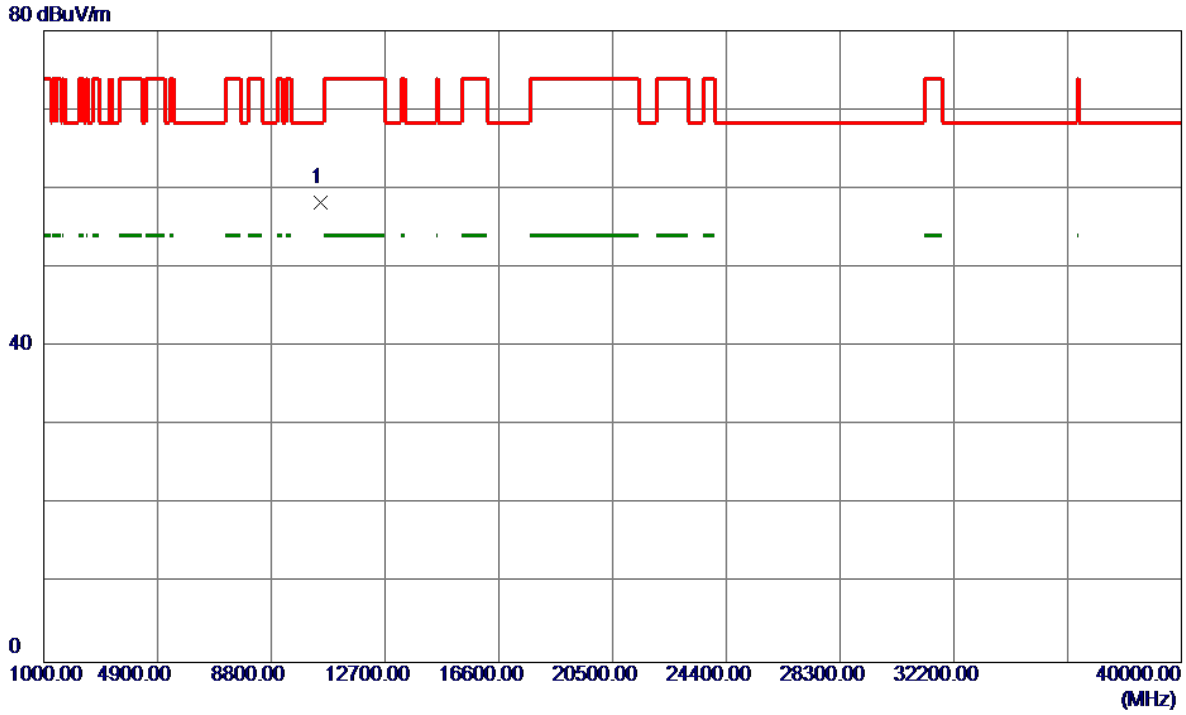
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.9000	54.57	40.16	94.73	68.30	26.43	Peak	No Limit
2	5246.0000	47.04	40.16	87.20	999.00	-911.80	AVG	No Limit

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

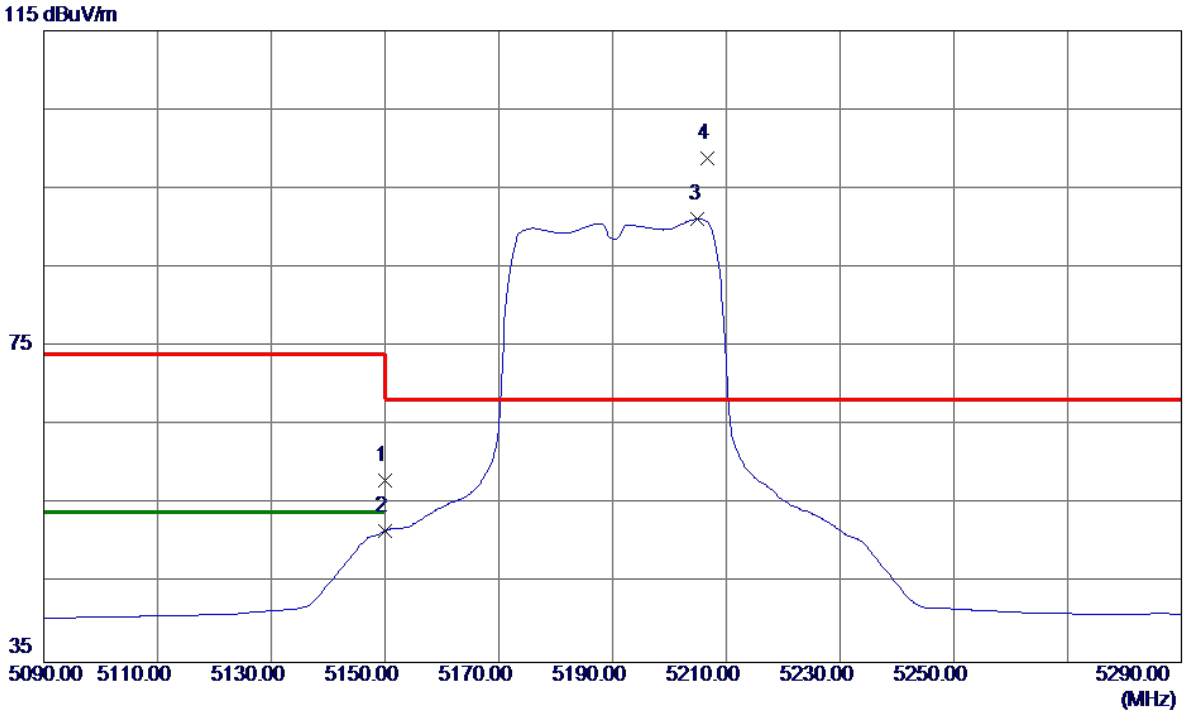
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10481.9400	43.50	14.75	58.25	68.30	-10.05	Peak	

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

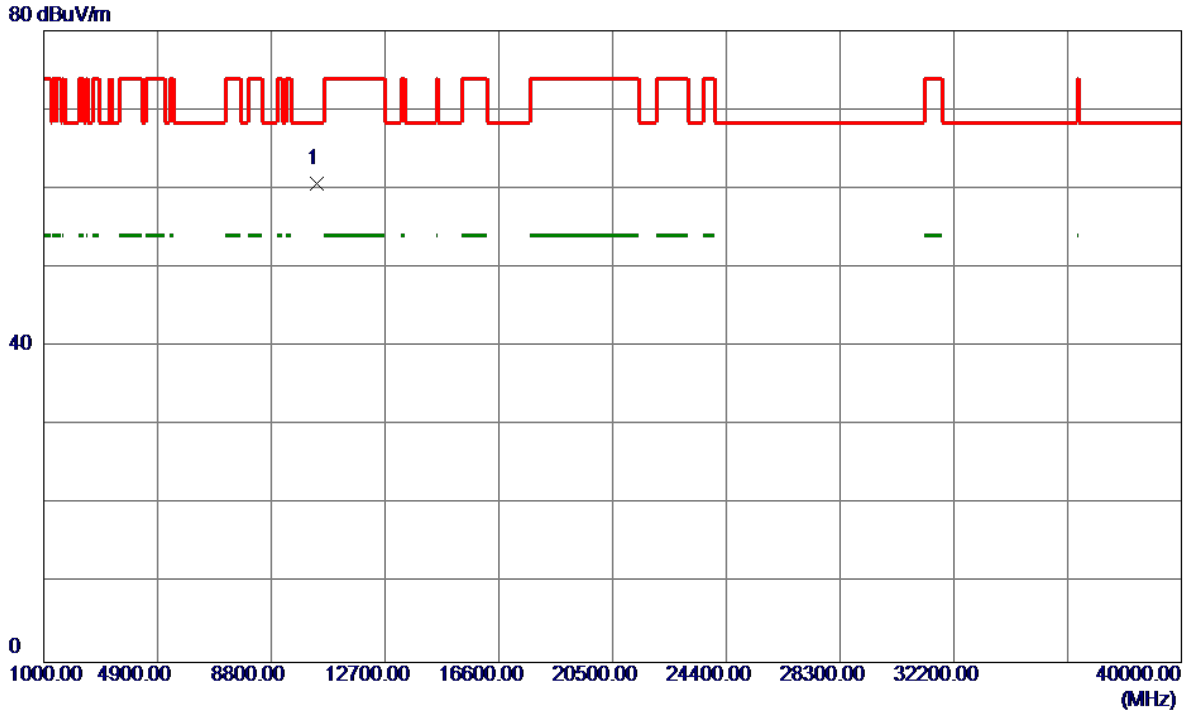
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.18	39.90	58.08	74.00	-15.92	Peak	
2	5150.0000	11.76	39.90	51.66	54.00	-2.34	AVG	
3	5205.0000	51.10	40.05	91.15	999.00	-907.85	AVG	No Limit
4 *	5206.6000	58.71	40.05	98.76	68.30	30.46	Peak	No Limit

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

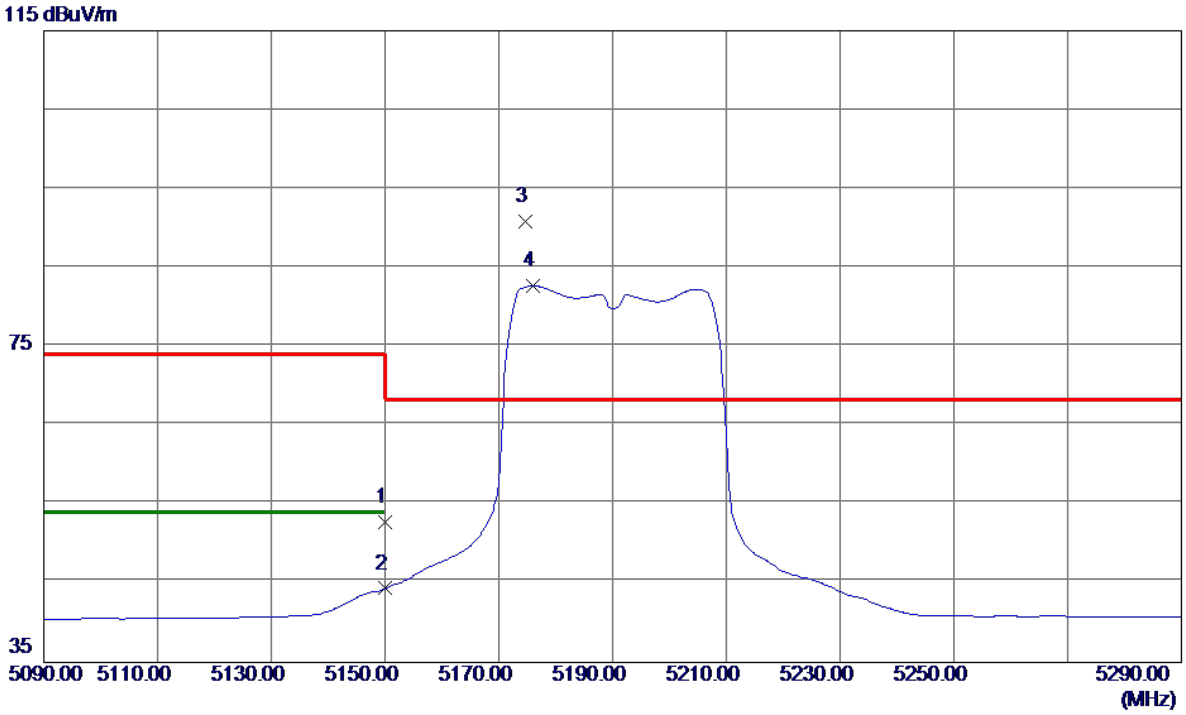
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.6500	46.02	14.61	60.63	68.30	-7.67	Peak	

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

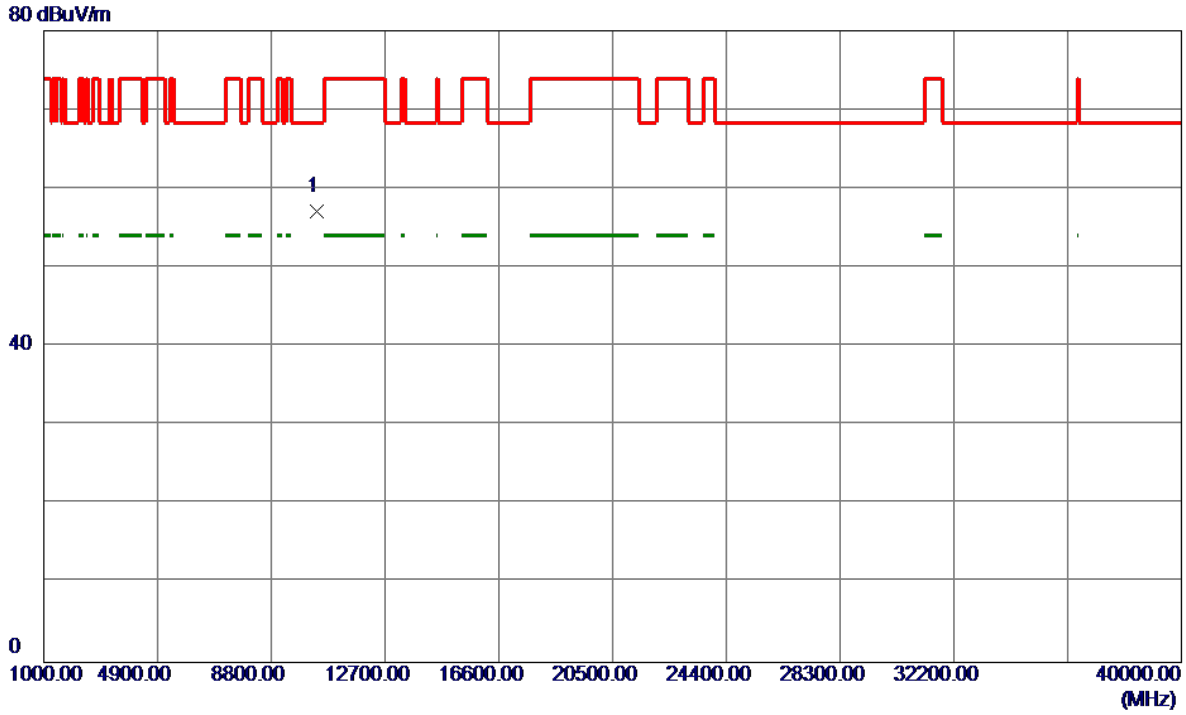
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	12.84	39.90	52.74	74.00	-21.26	Peak	
2	5150.0000	4.46	39.90	44.36	54.00	-9.64	AVG	
3 *	5174.6000	50.85	39.97	90.82	68.30	22.52	Peak	No Limit
4	5176.0000	42.72	39.97	82.69	999.00	-916.31	AVG	No Limit

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

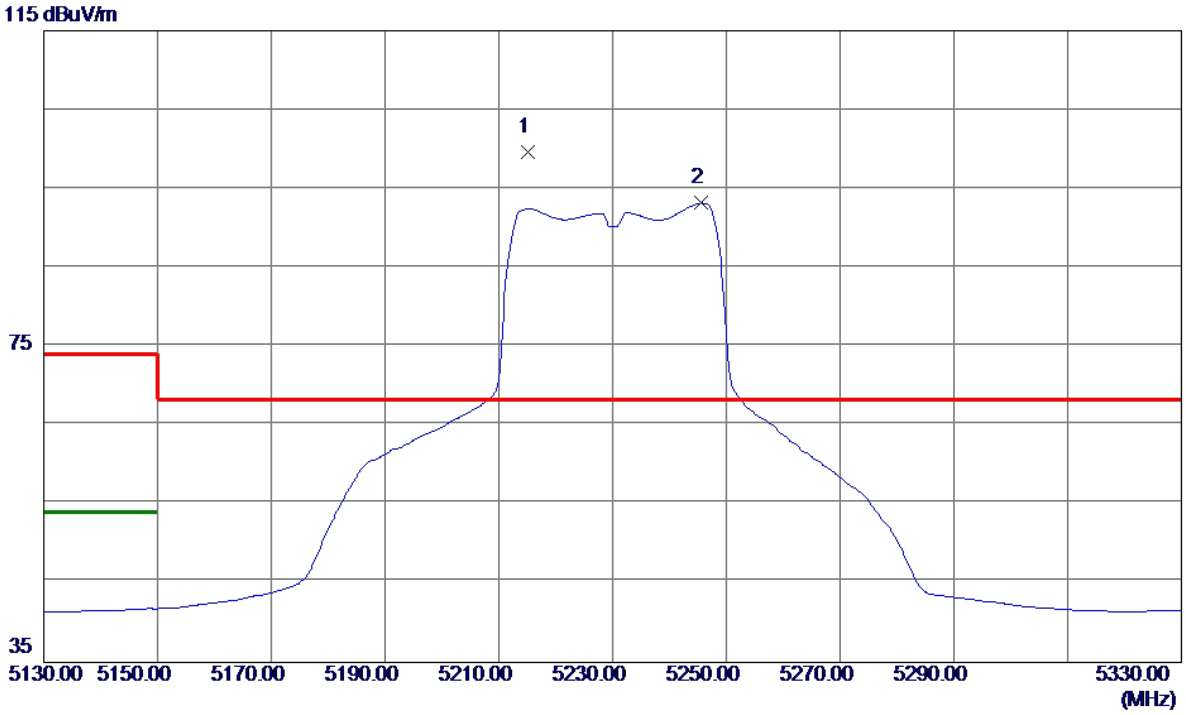
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10373.2500	42.58	14.60	57.18	68.30	-11.12	Peak	

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

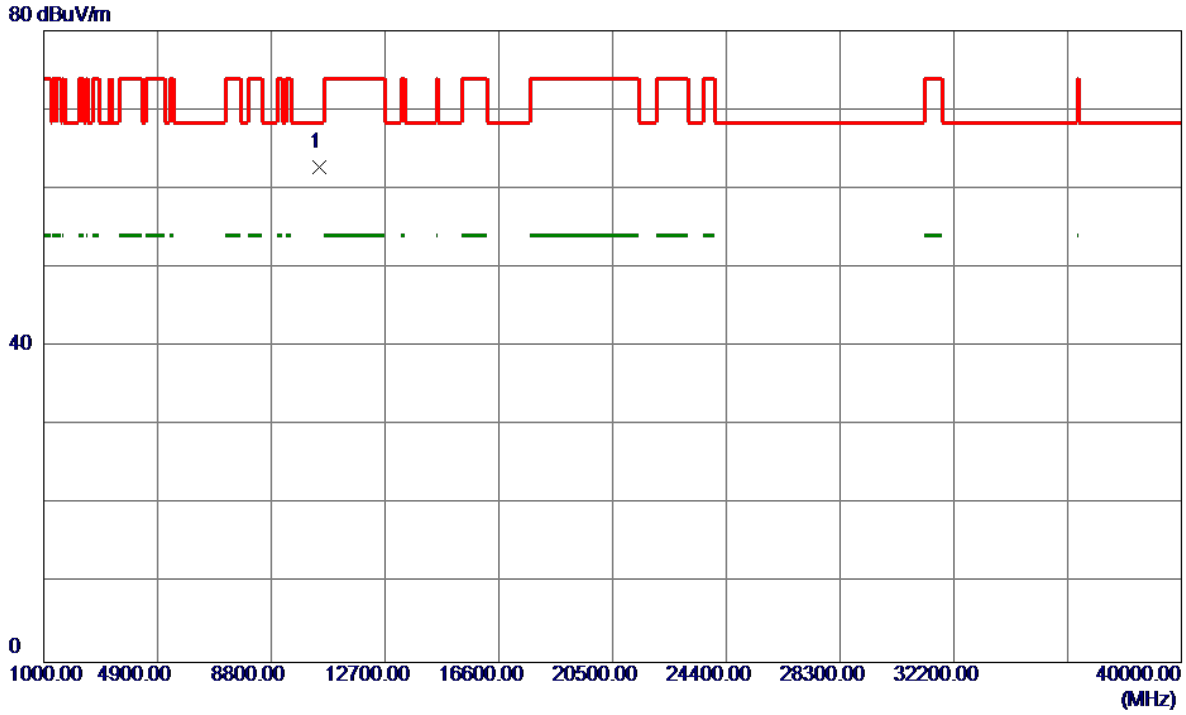
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5215.2000	59.62	40.08	99.70	68.30	31.40	Peak	No Limit
2	5245.6000	53.01	40.16	93.17	999.00	-905.83	AVG	No Limit

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

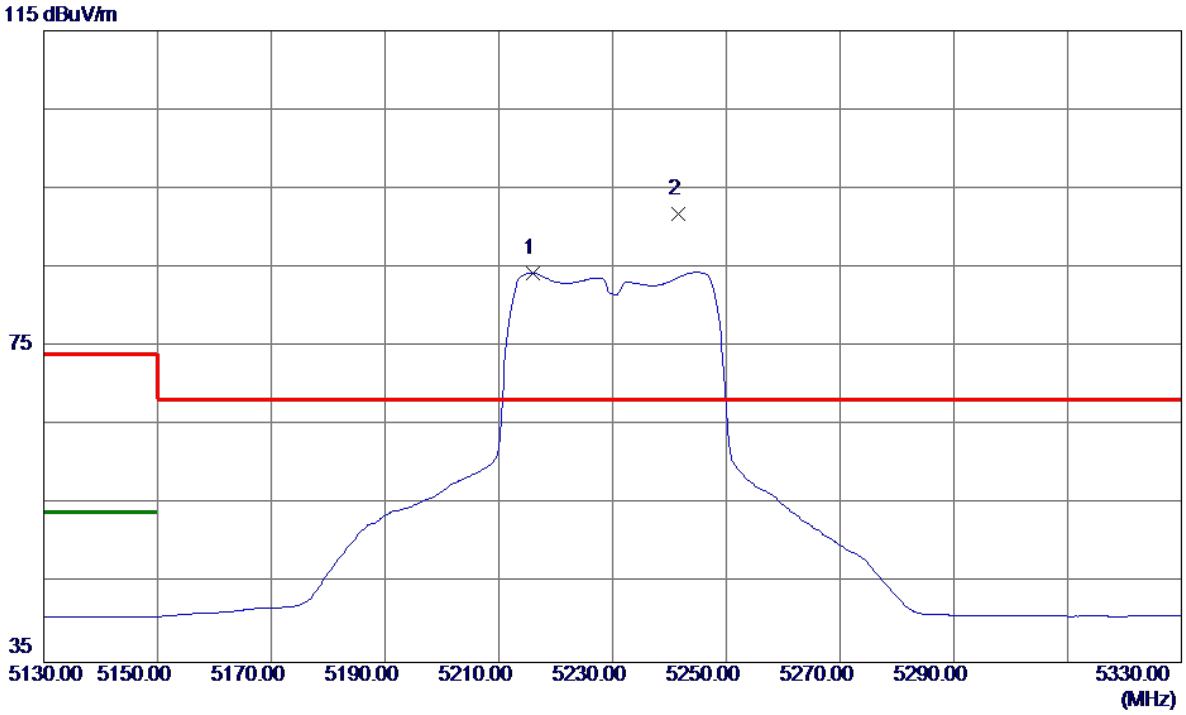
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.1000	47.93	14.72	62.65	68.30	-5.65	Peak	

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

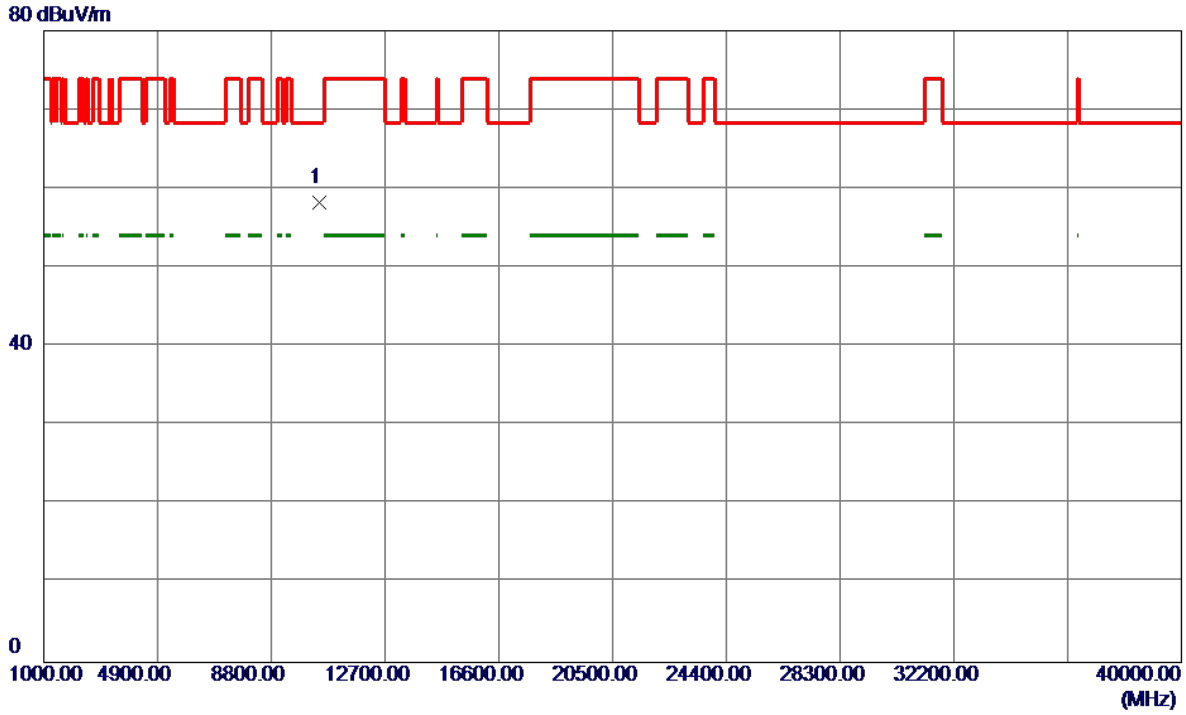
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5216.0000	44.23	40.08	84.31	999.00	-914.69	AVG	No Limit
2 *	5241.6000	51.69	40.15	91.84	68.30	23.54	Peak	No Limit

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

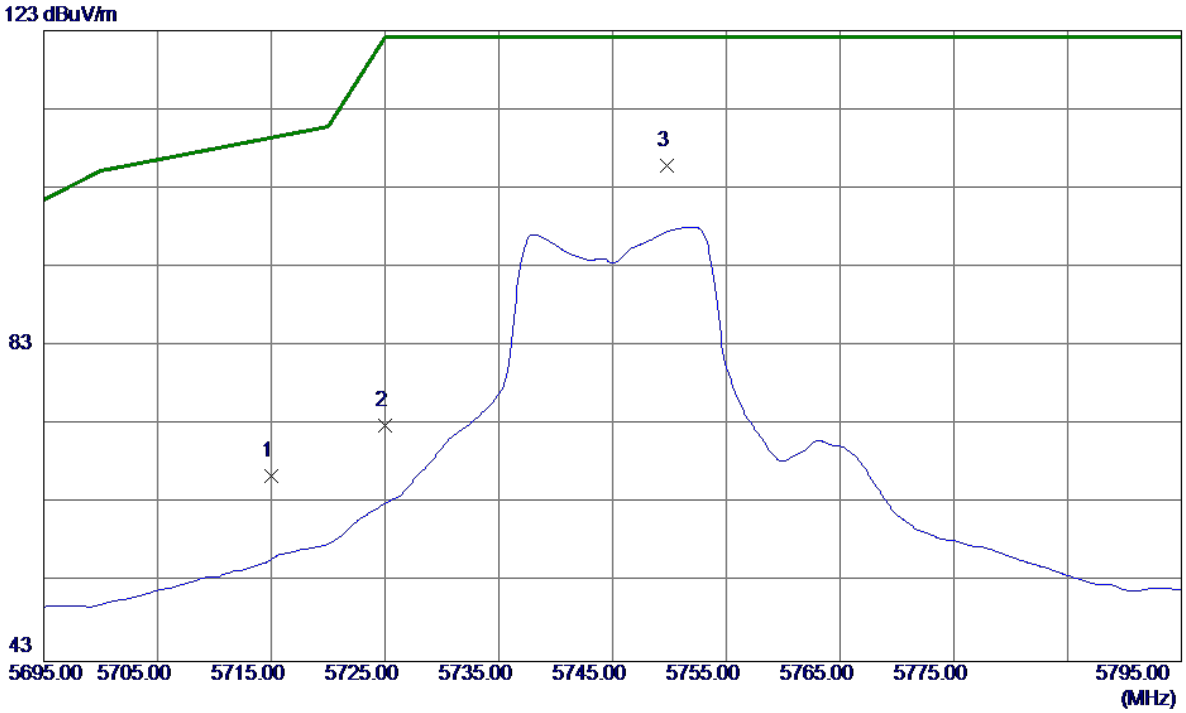
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10458.8000	43.48	14.72	58.20	68.30	-10.10	Peak	

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

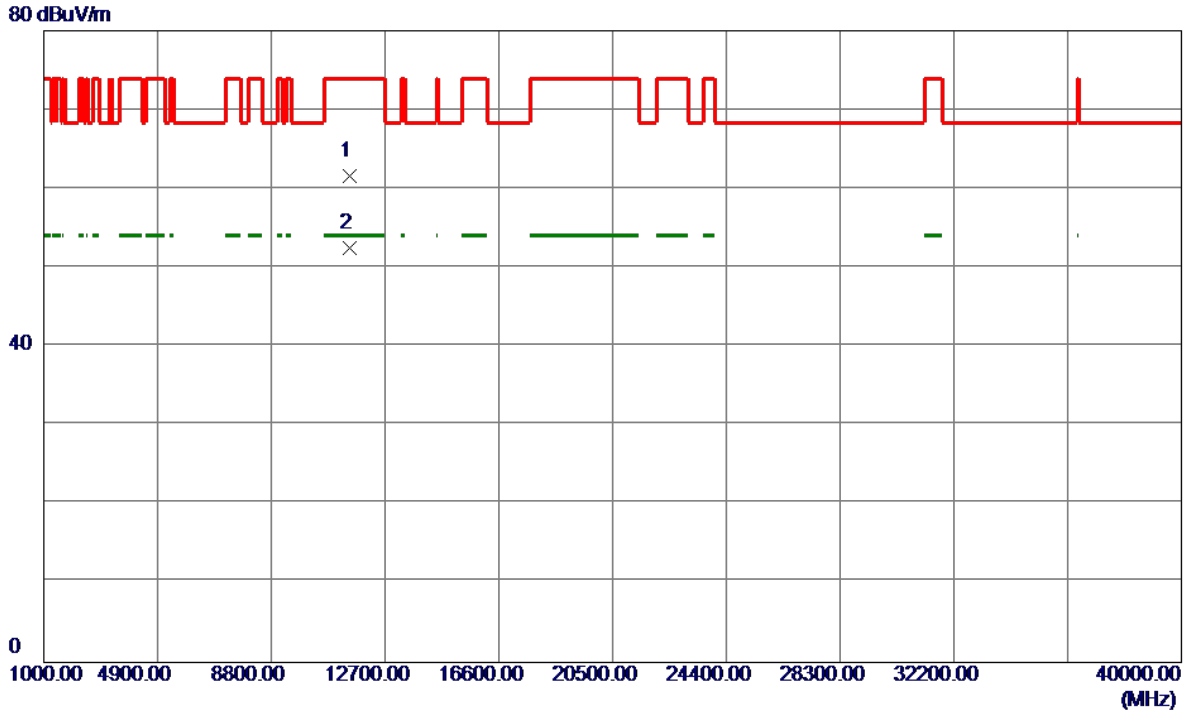
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.82	41.66	66.48	109.40	-42.92	Peak	
2	5725.0000	31.18	41.70	72.88	122.20	-49.32	Peak	
3 *	5749.8000	64.05	41.79	105.84	122.20	-16.36	Peak	

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

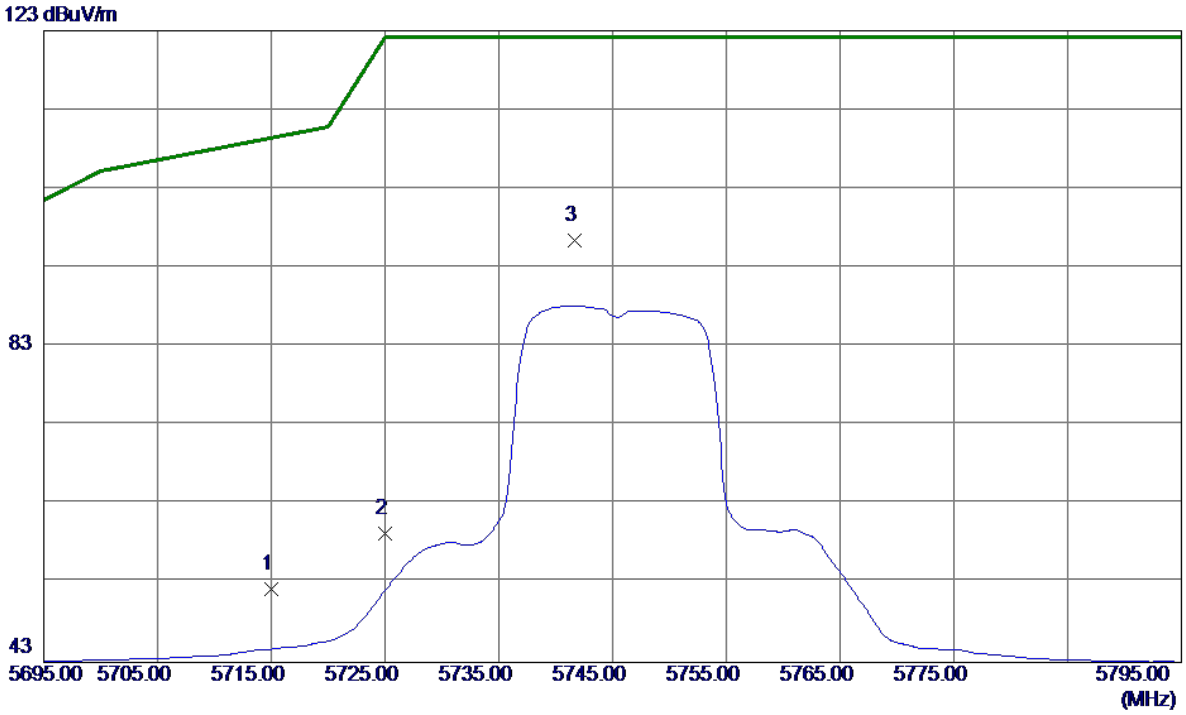
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11492.0000	44.55	16.99	61.54	74.00	-12.46	Peak	
2 *	11496.2500	35.54	17.00	52.54	54.00	-1.46	AVG	

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

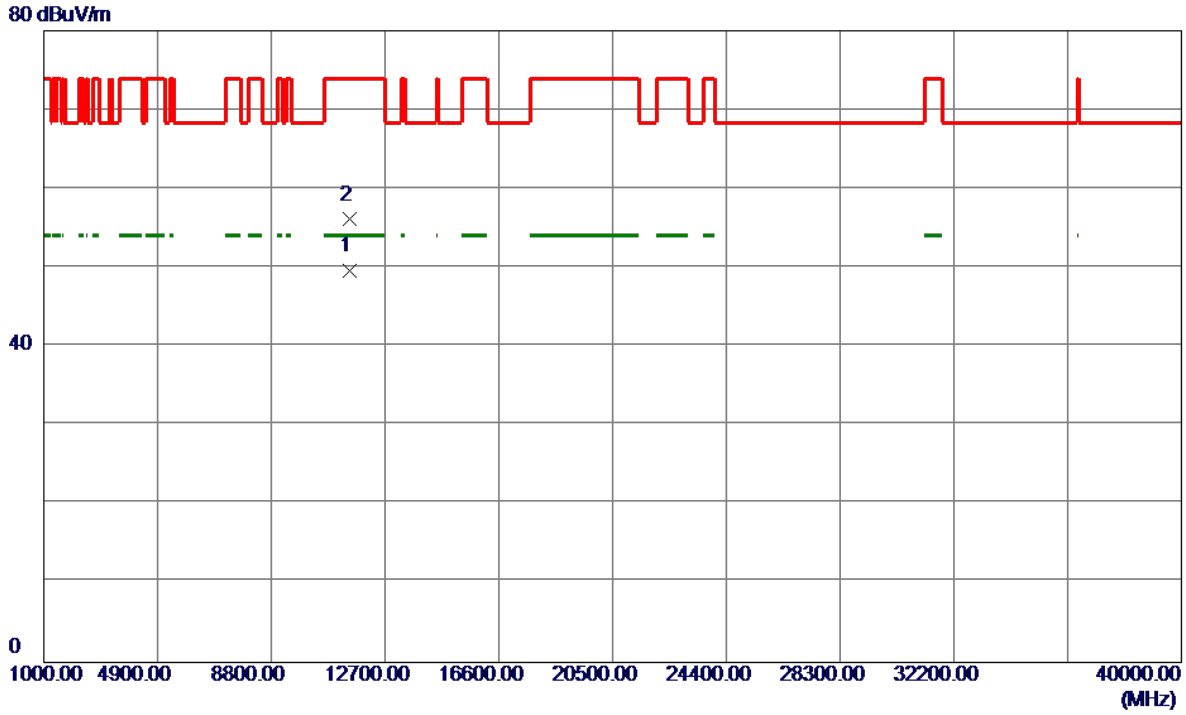
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.58	41.66	52.24	109.40	-57.16	Peak	
2	5725.0000	17.69	41.70	59.39	122.20	-62.81	Peak	
3 *	5741.7000	54.66	41.76	96.42	122.20	-25.78	Peak	

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

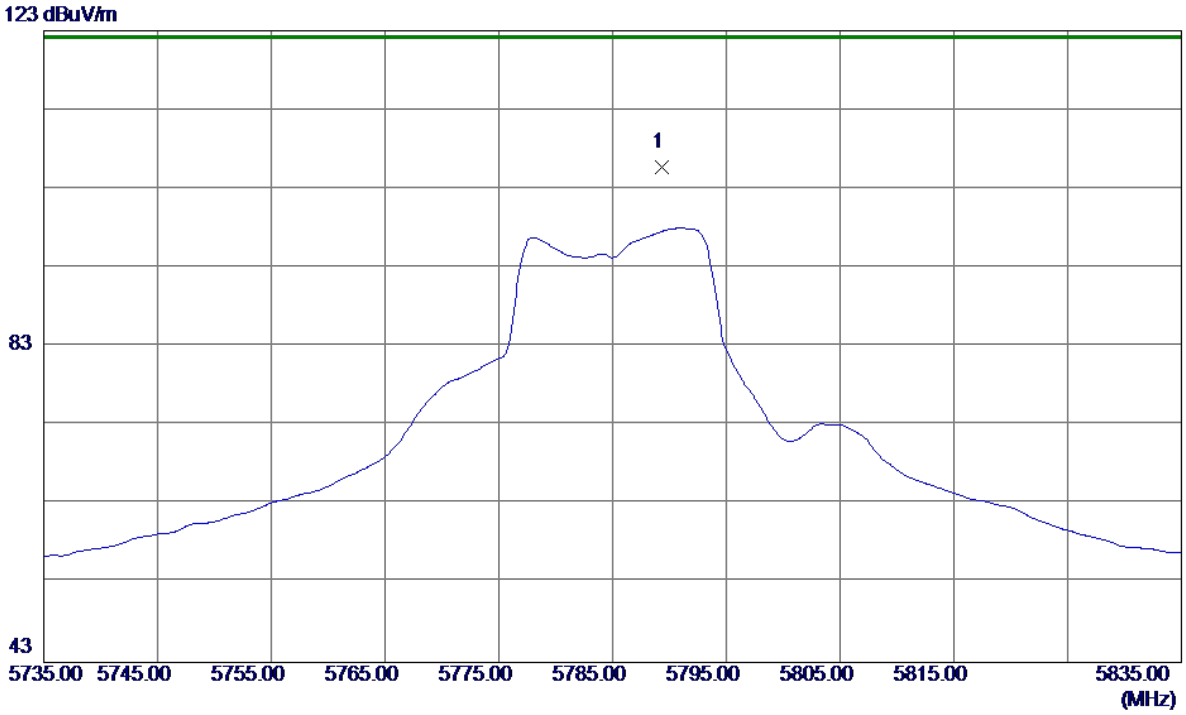
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11492.4000	32.64	16.99	49.63	54.00	-4.37	AVG	
2	11497.9000	39.07	17.01	56.08	74.00	-17.92	Peak	

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

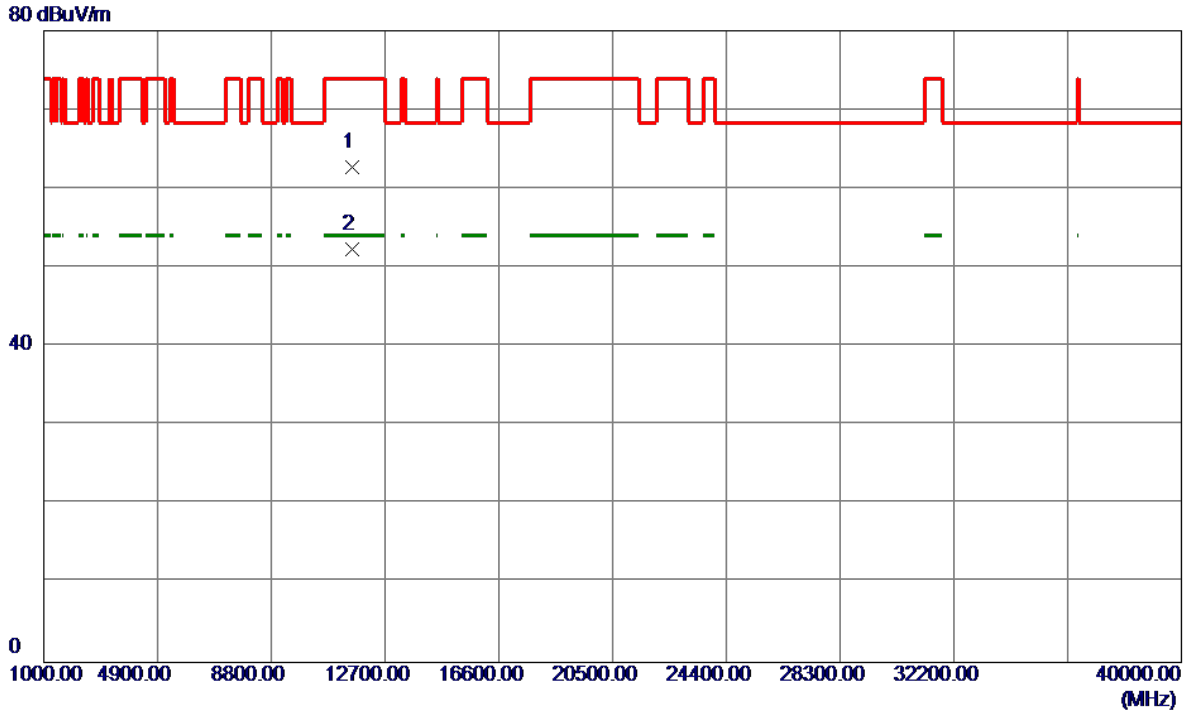
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5789.3000	63.85	41.93	105.78	122.20	-16.42	Peak	

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

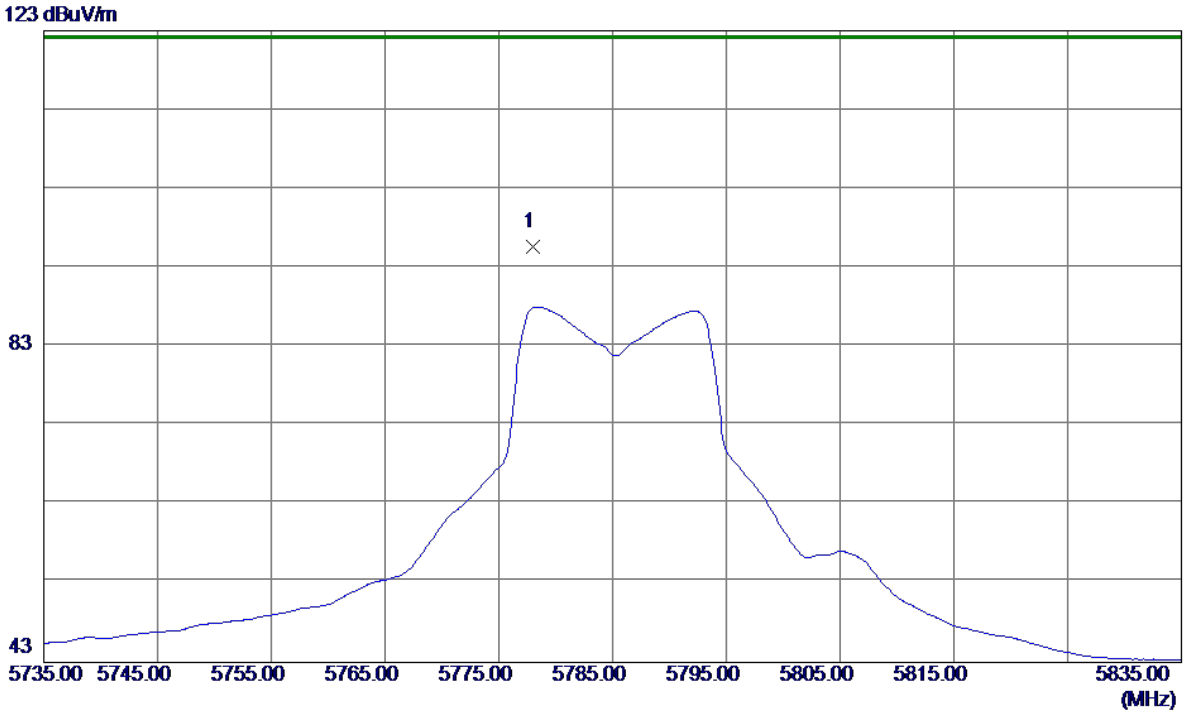
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11579.4500	45.56	17.14	62.70	74.00	-11.30	Peak	
2 *	11580.3500	35.21	17.14	52.35	54.00	-1.65	AVG	

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

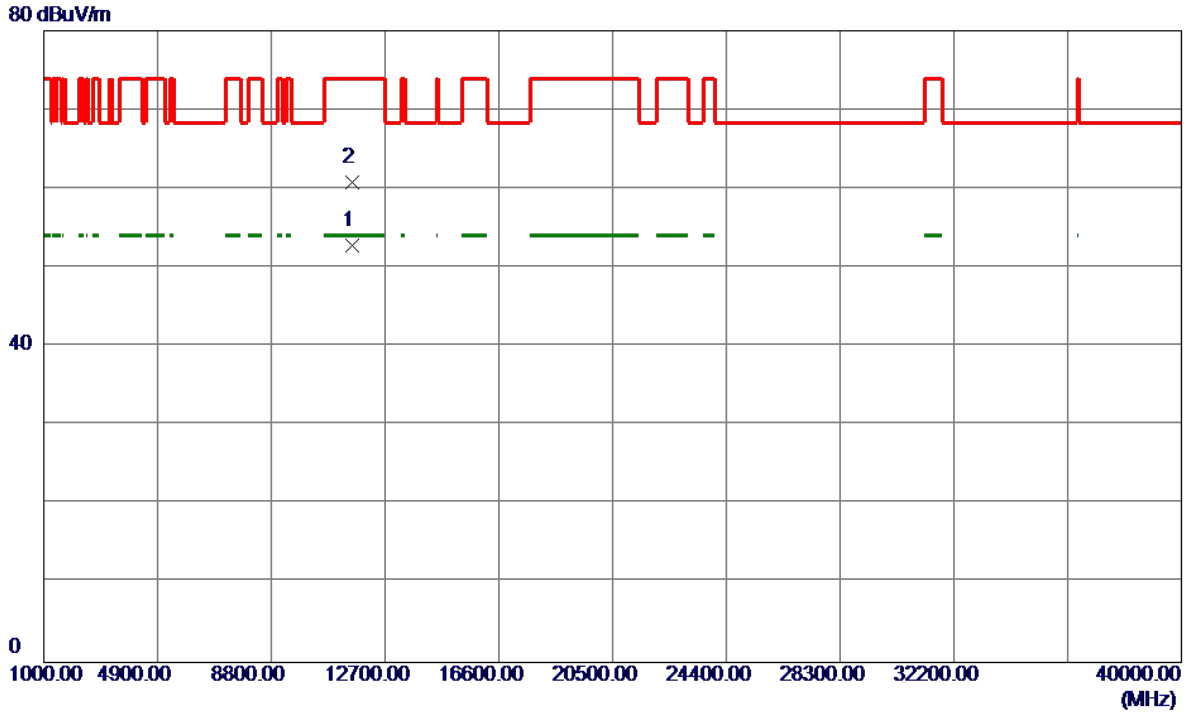
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5778.0000	53.69	41.89	95.58	122.20	-26.62	Peak	

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

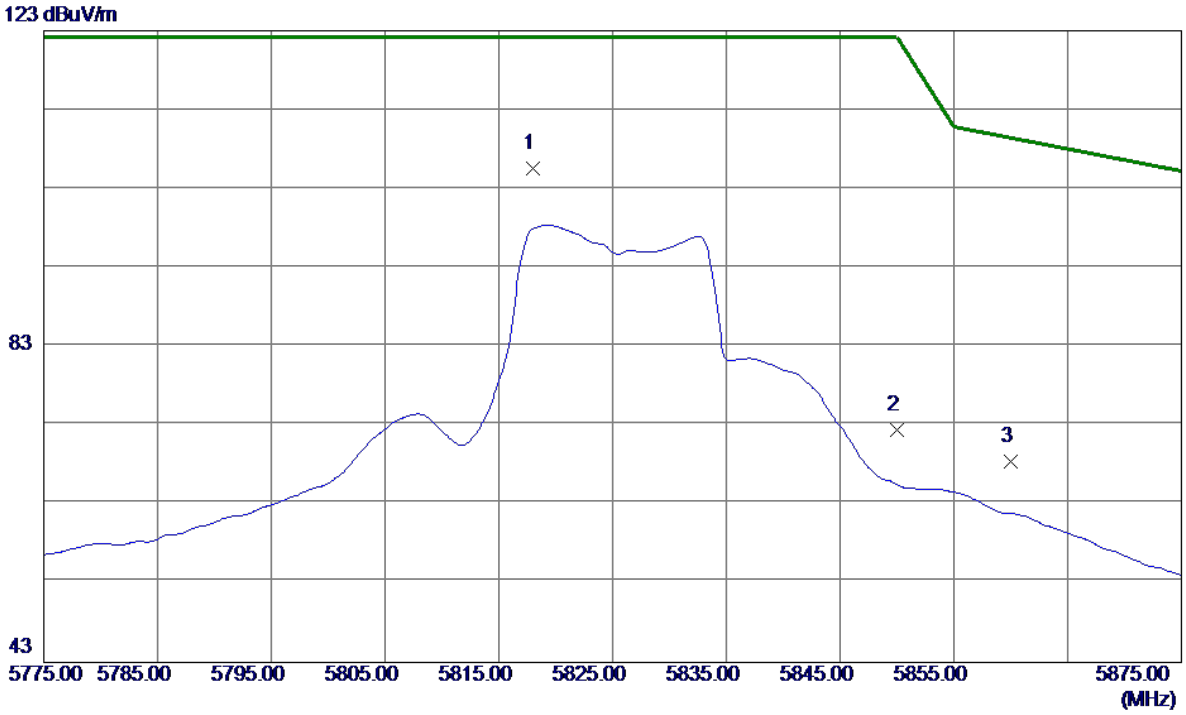
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.1000	35.63	17.12	52.75	54.00	-1.25	AVG	
2	11573.1500	43.70	17.13	60.83	74.00	-13.17	Peak	

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

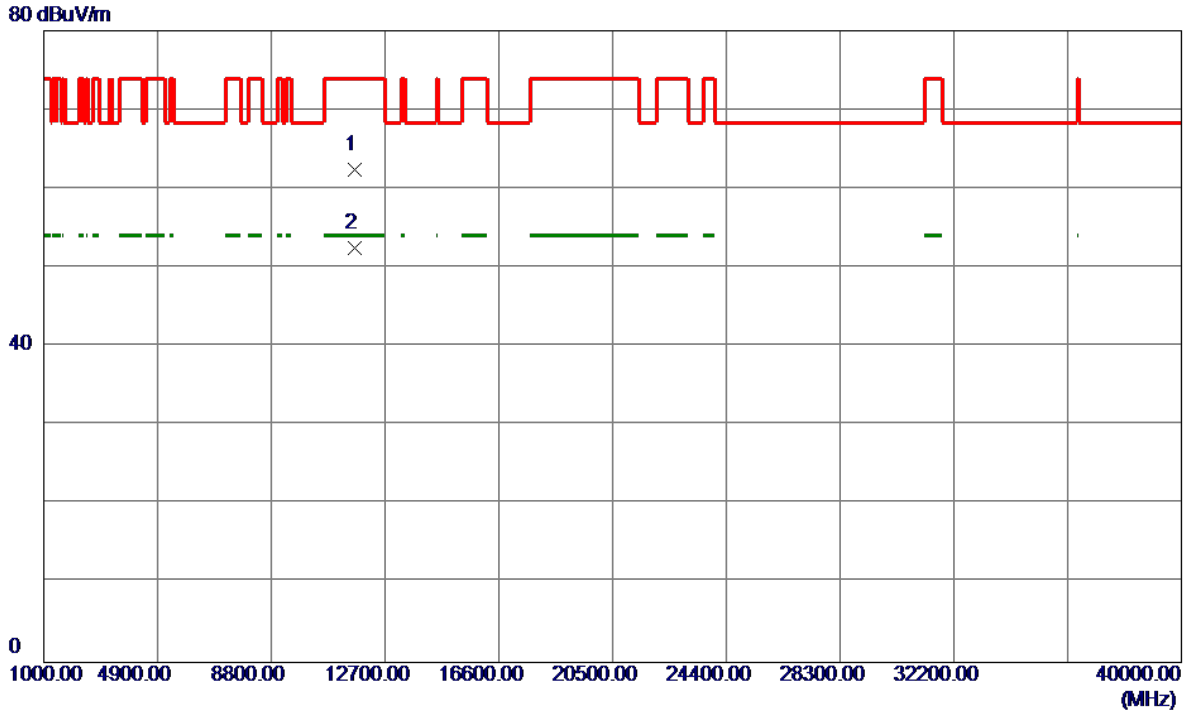
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.0000	63.52	42.04	105.56	122.20	-16.64	Peak	
2	5850.0000	30.30	42.16	72.46	122.20	-49.74	Peak	
3	5860.0000	26.32	42.19	68.51	109.40	-40.89	Peak	

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

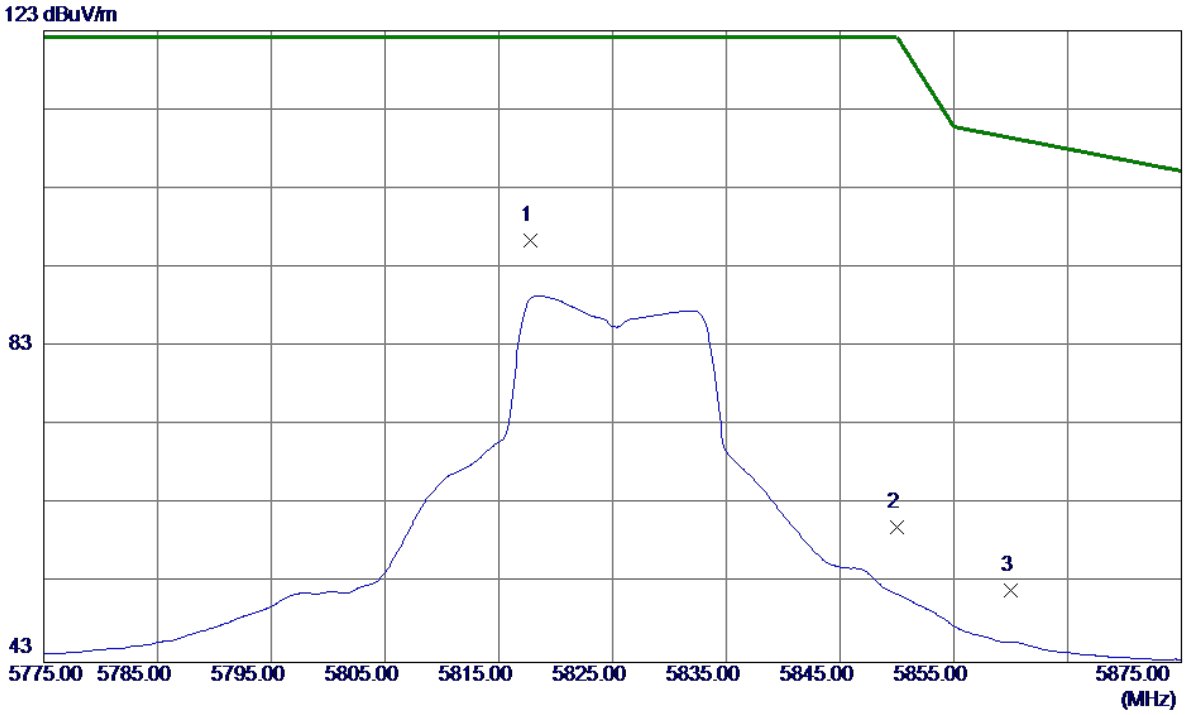
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11647.2000	45.13	17.25	62.38	74.00	-11.62	Peak	
2 *	11650.1500	35.17	17.25	52.42	54.00	-1.58	AVG	

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

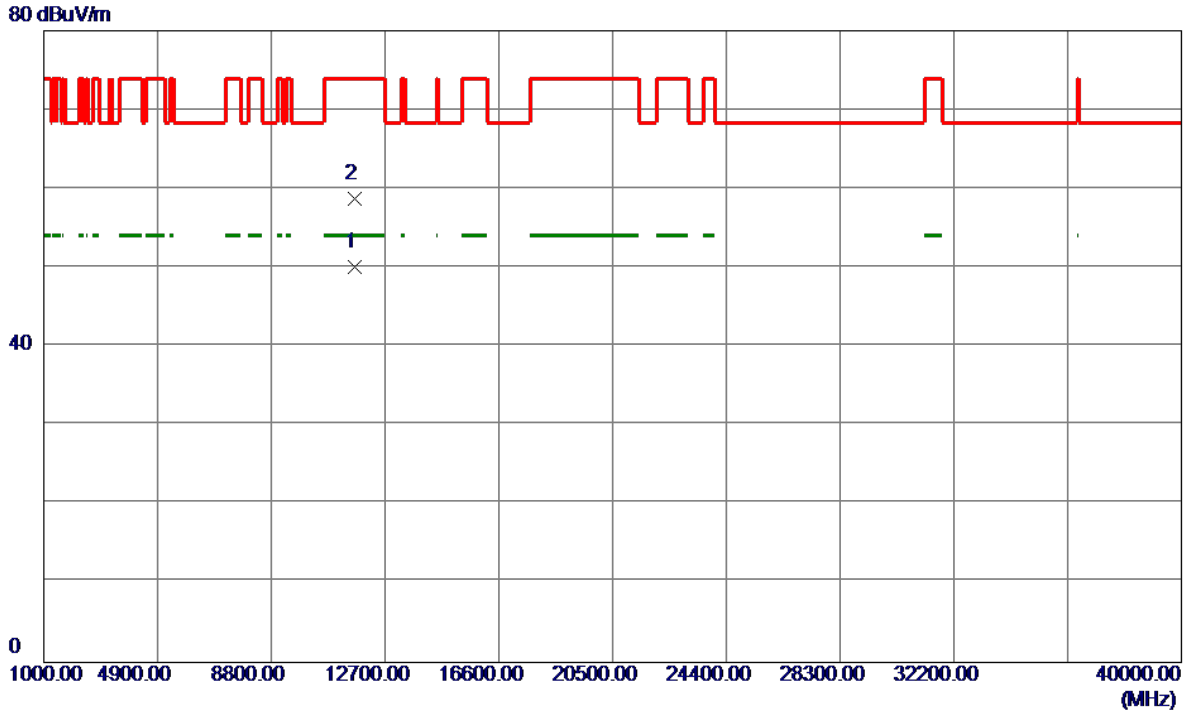
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5817.8000	54.38	42.04	96.42	122.20	-25.78	Peak	
2	5850.0000	17.93	42.16	60.09	122.20	-62.11	Peak	
3	5860.0000	9.95	42.19	52.14	109.40	-57.26	Peak	

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

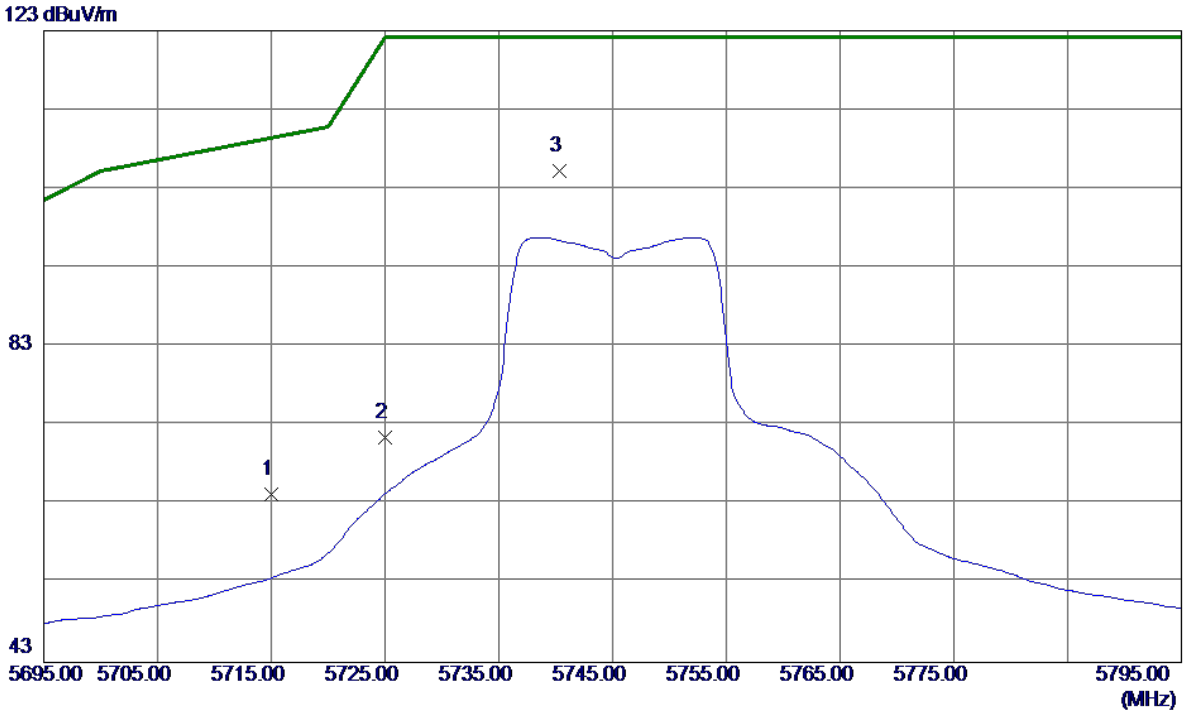
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11652.5000	32.81	17.26	50.07	54.00	-3.93	AVG	
2	11653.8500	41.54	17.26	58.80	74.00	-15.20	Peak	

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

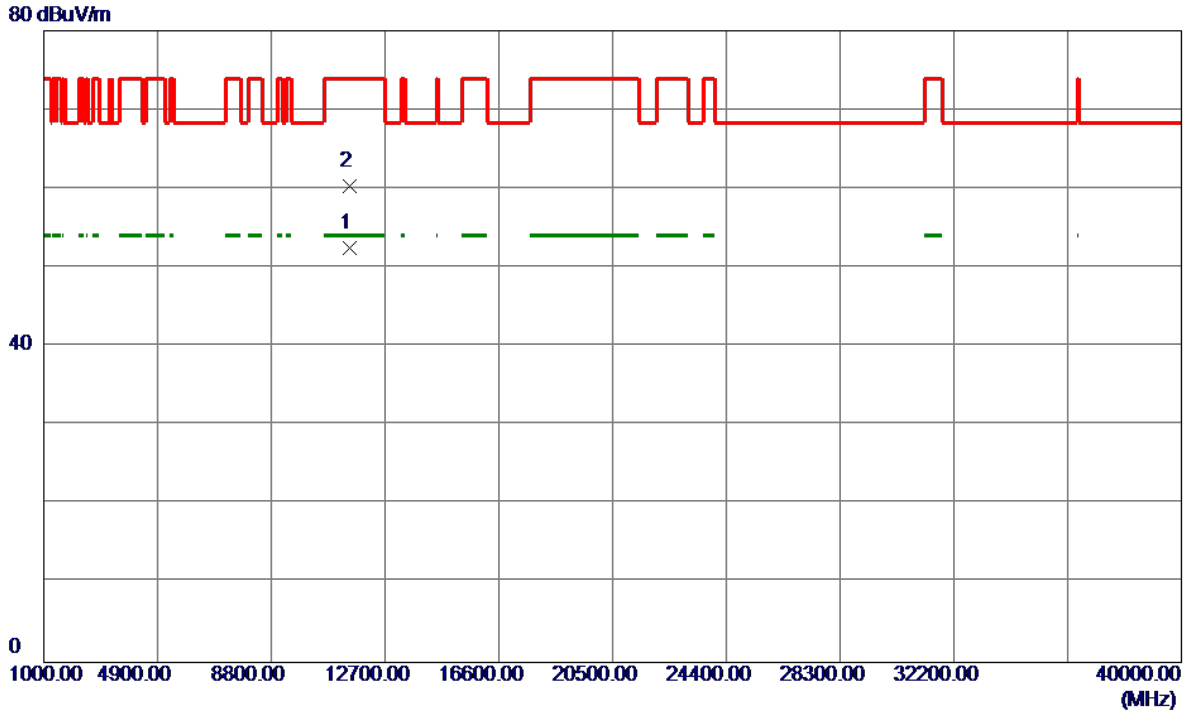
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.69	41.66	64.35	109.40	-45.05	Peak	
2	5725.0000	29.71	41.70	71.41	122.20	-50.79	Peak	
3 *	5740.3000	63.43	41.75	105.18	122.20	-17.02	Peak	

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

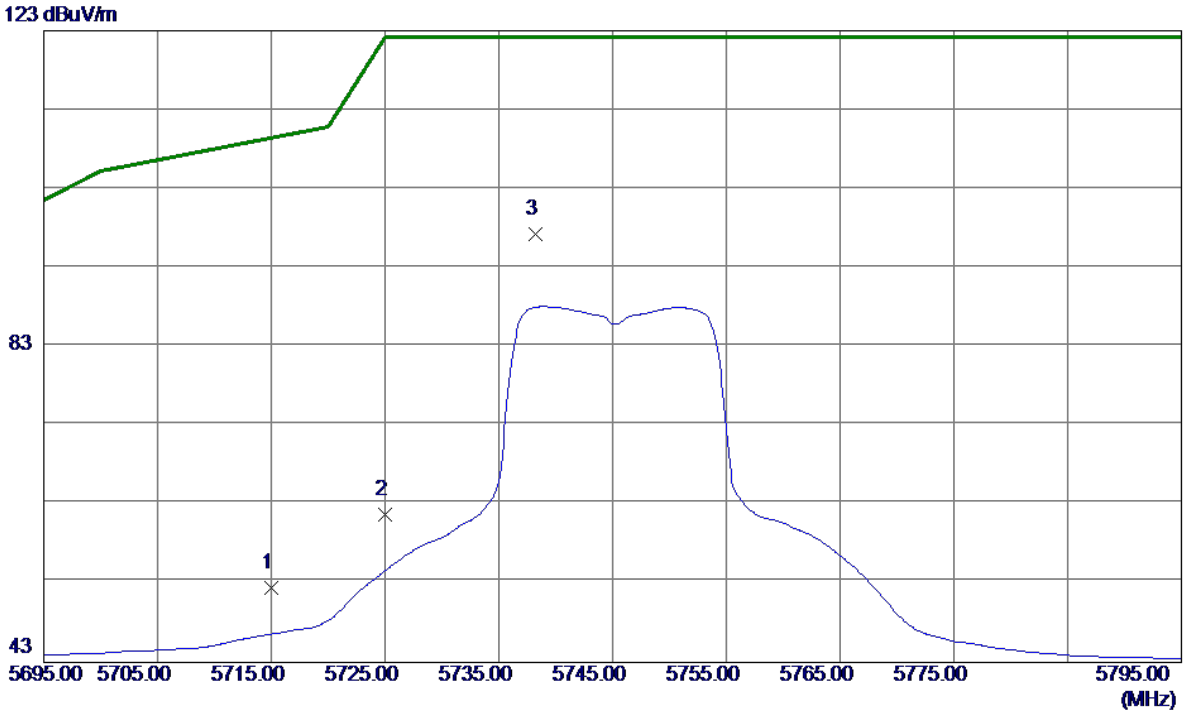
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11489.3500	35.43	16.98	52.41	54.00	-1.59	AVG	
2	11490.2500	43.34	16.99	60.33	74.00	-13.67	Peak	

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

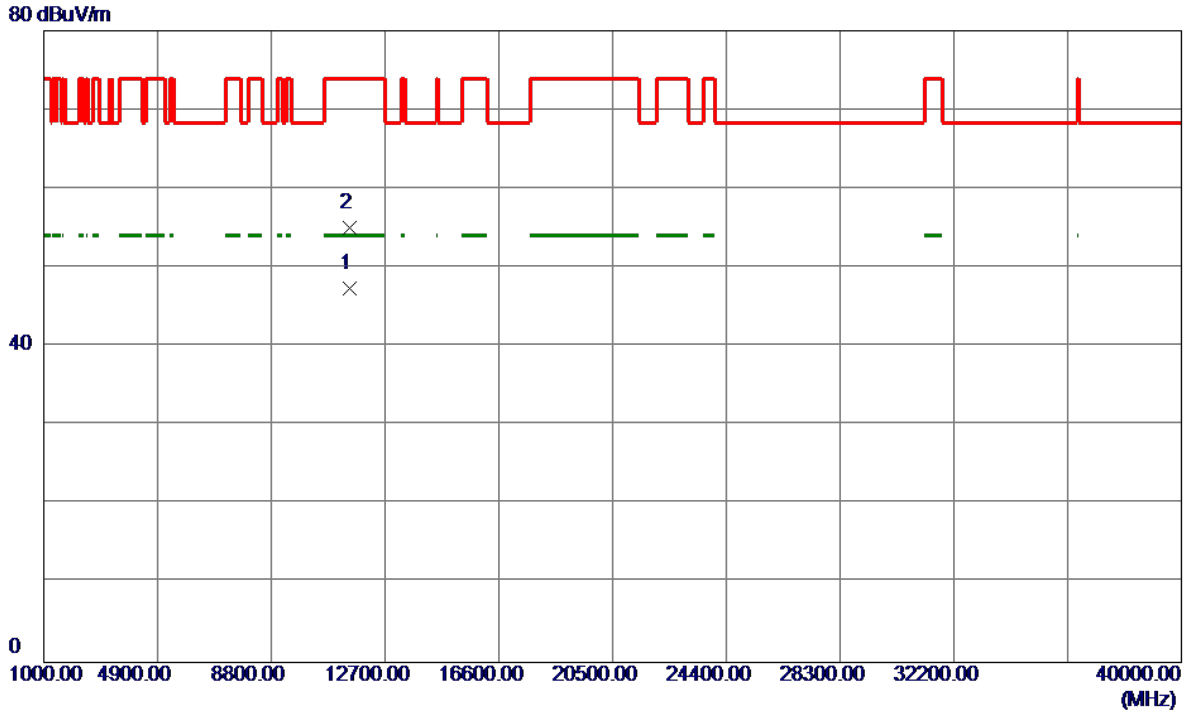
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.82	41.66	52.48	109.40	-56.92	Peak	
2	5725.0000	20.06	41.70	61.76	122.20	-60.44	Peak	
3 *	5738.2000	55.51	41.75	97.26	122.20	-24.94	Peak	

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

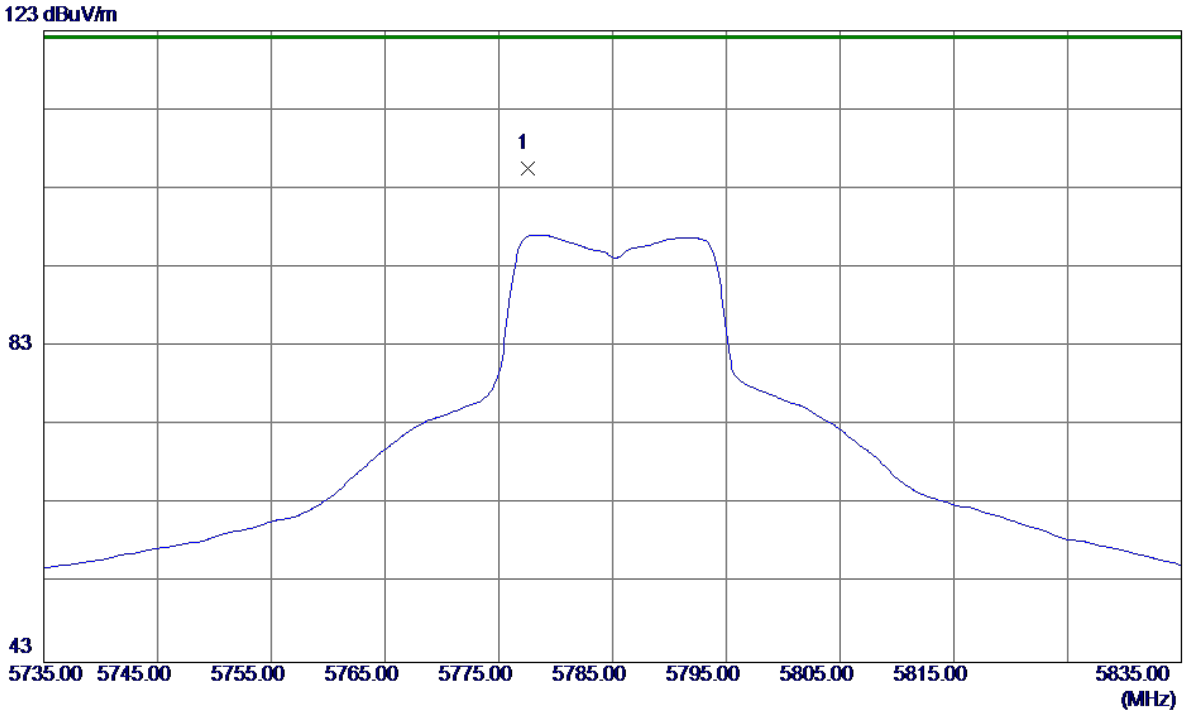
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11491.4500	30.32	16.99	47.31	54.00	-6.69	AVG	
2	11493.1000	38.07	16.99	55.06	74.00	-18.94	Peak	

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

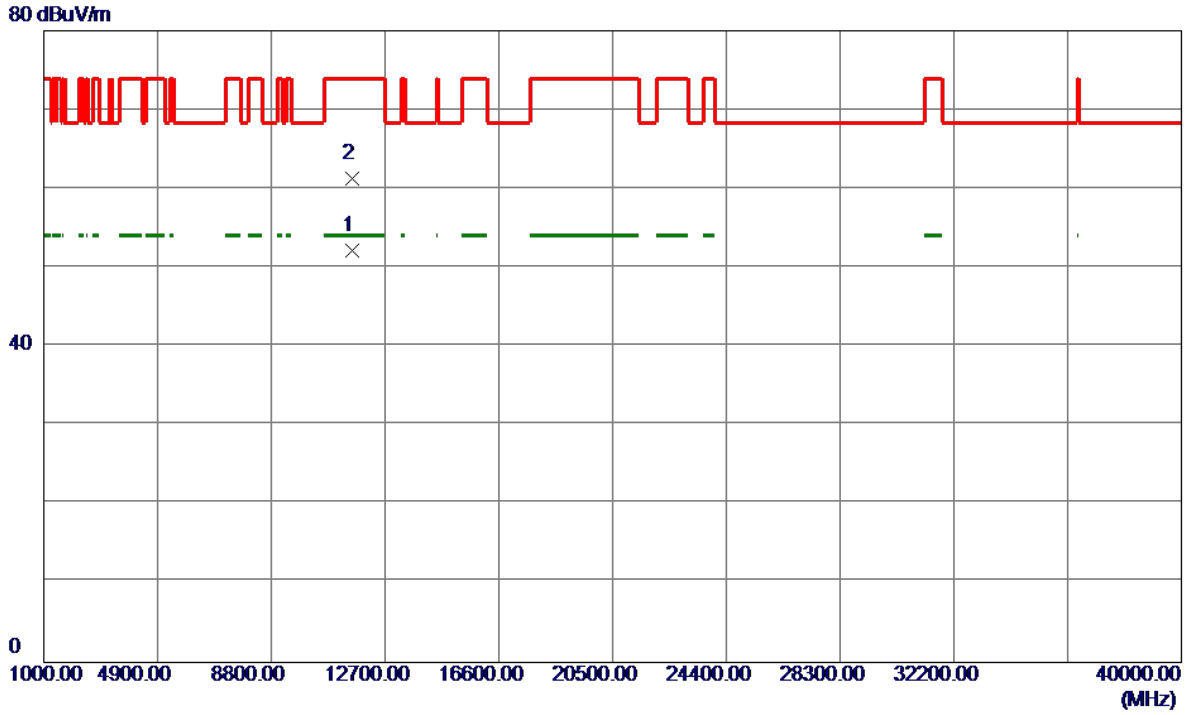
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5777.5000	63.67	41.89	105.56	122.20	-16.64	Peak	

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

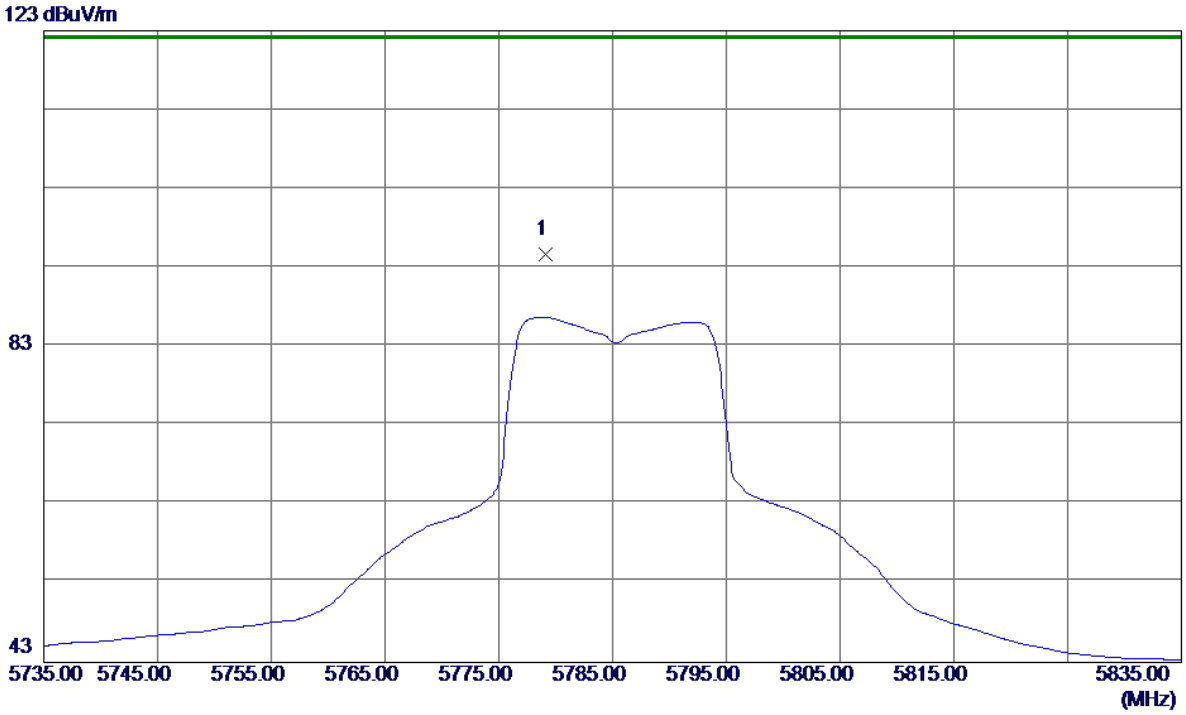
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.1000	35.07	17.12	52.19	54.00	-1.81	AVG	
2	11571.7500	44.15	17.13	61.28	74.00	-12.72	Peak	

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

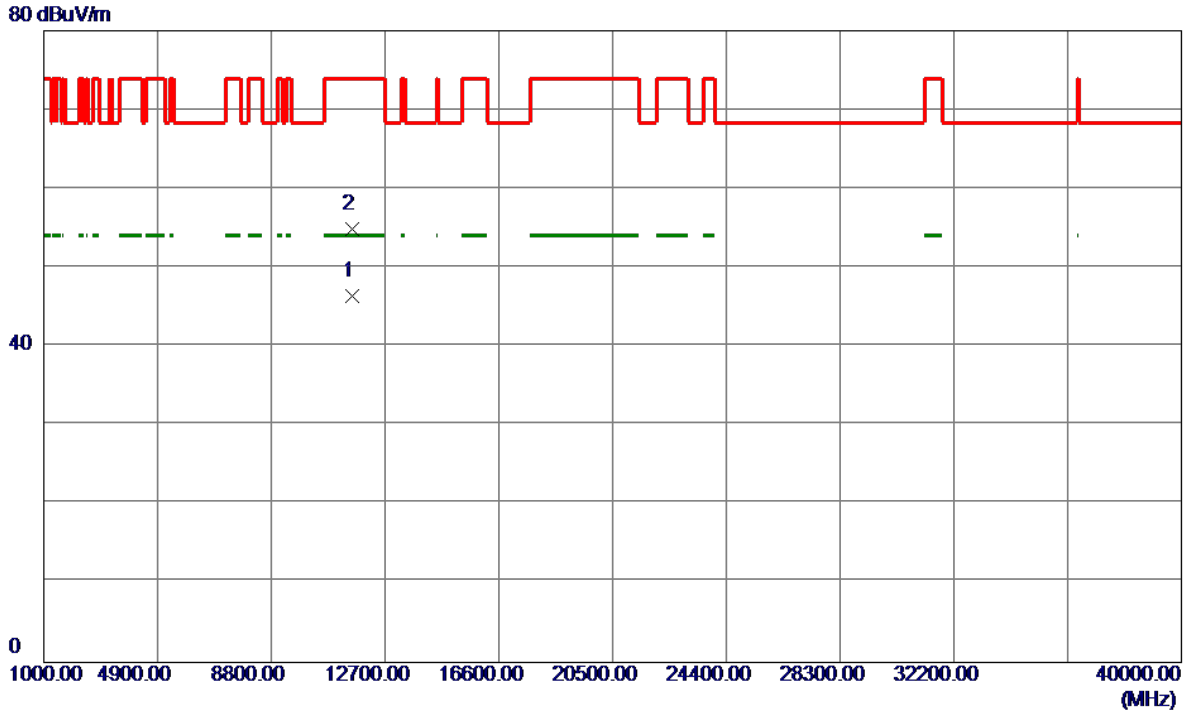
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5779.1000	52.82	41.90	94.72	122.20	-27.48	Peak	

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

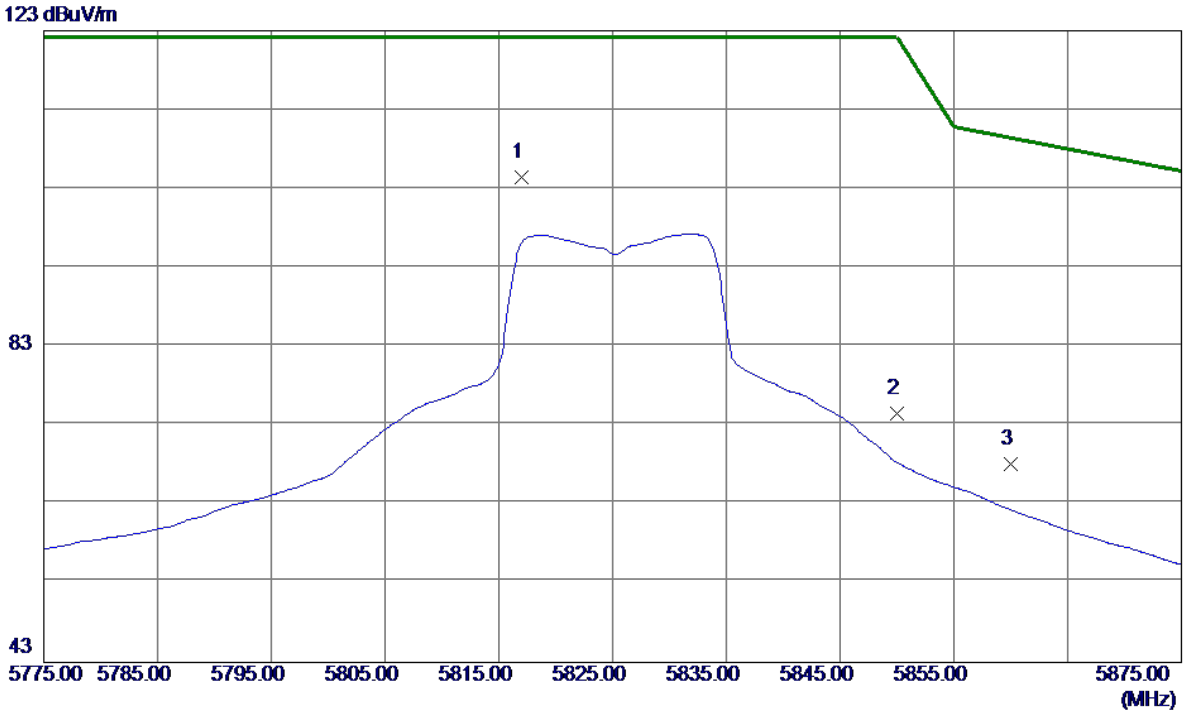
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.9500	29.28	17.13	46.41	54.00	-7.59	AVG	
2	11571.3500	37.75	17.13	54.88	74.00	-19.12	Peak	

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

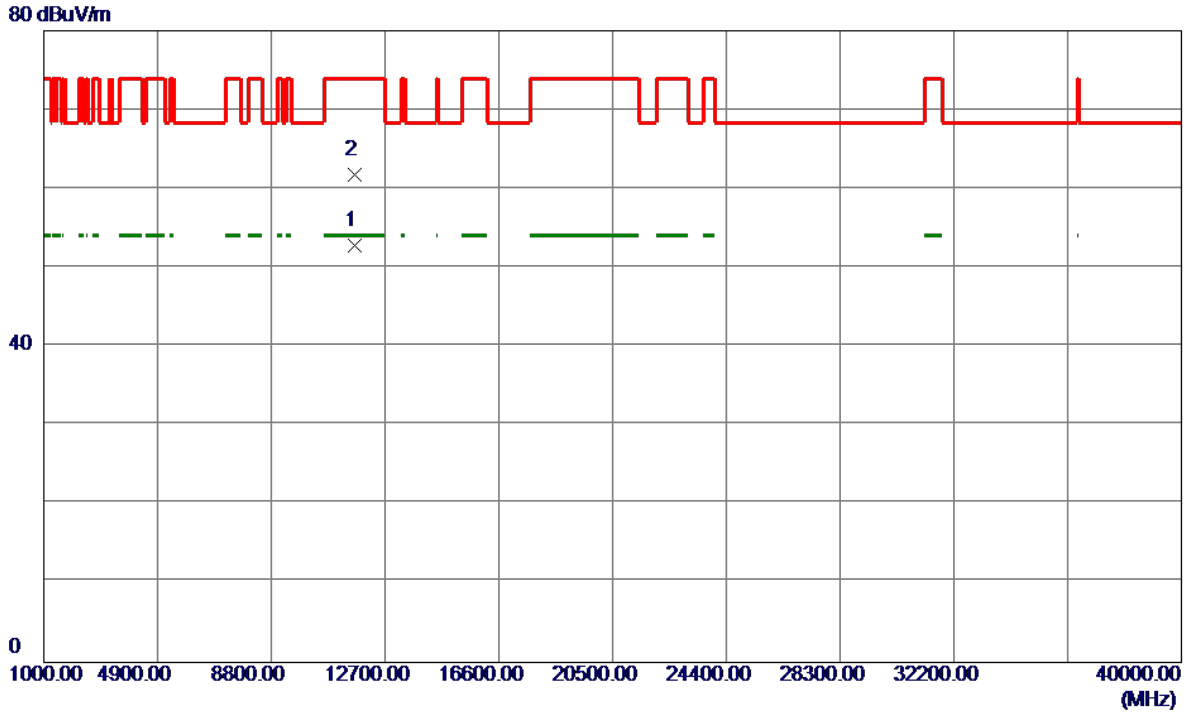
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5817.0000	62.48	42.04	104.52	122.20	-17.68	Peak	
2	5850.0000	32.31	42.16	74.47	122.20	-47.73	Peak	
3	5860.0000	25.95	42.19	68.14	109.40	-41.26	Peak	

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

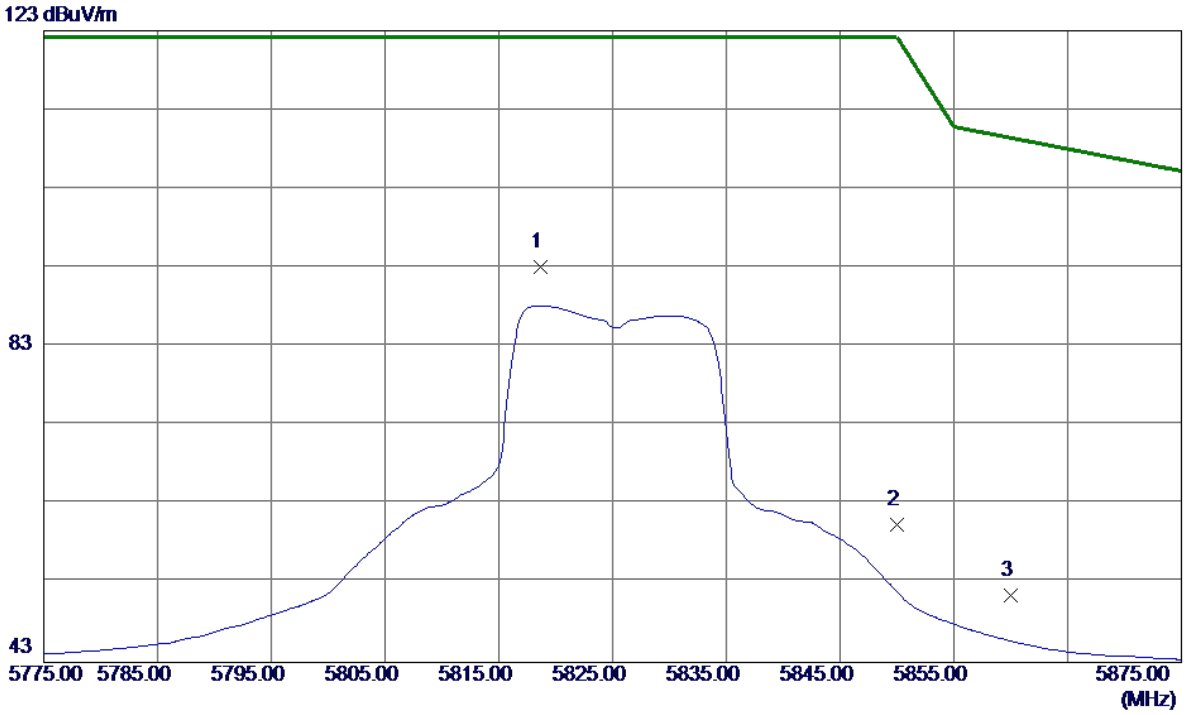
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.3000	35.48	17.25	52.73	54.00	-1.27	AVG	
2	11651.2500	44.47	17.26	61.73	74.00	-12.27	Peak	

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

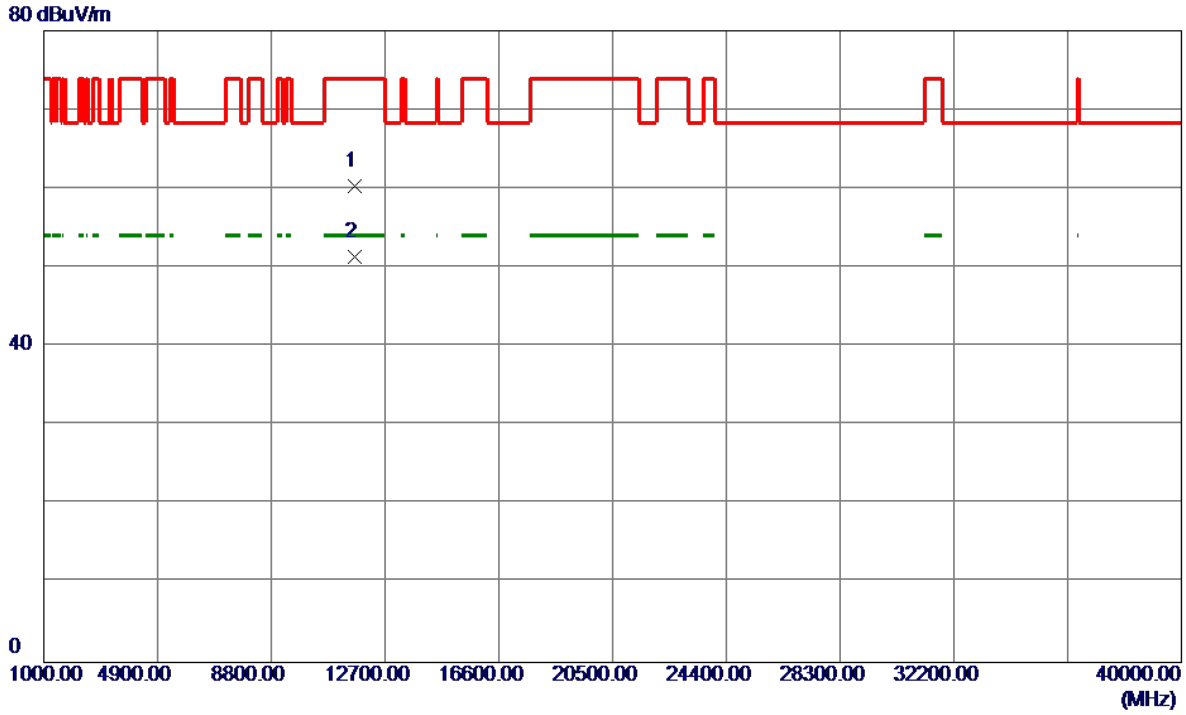
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5818.7000	51.04	42.04	93.08	122.20	-29.12	Peak	
2	5850.0000	18.25	42.16	60.41	122.20	-61.79	Peak	
3	5860.0000	9.29	42.19	51.48	109.40	-57.92	Peak	

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

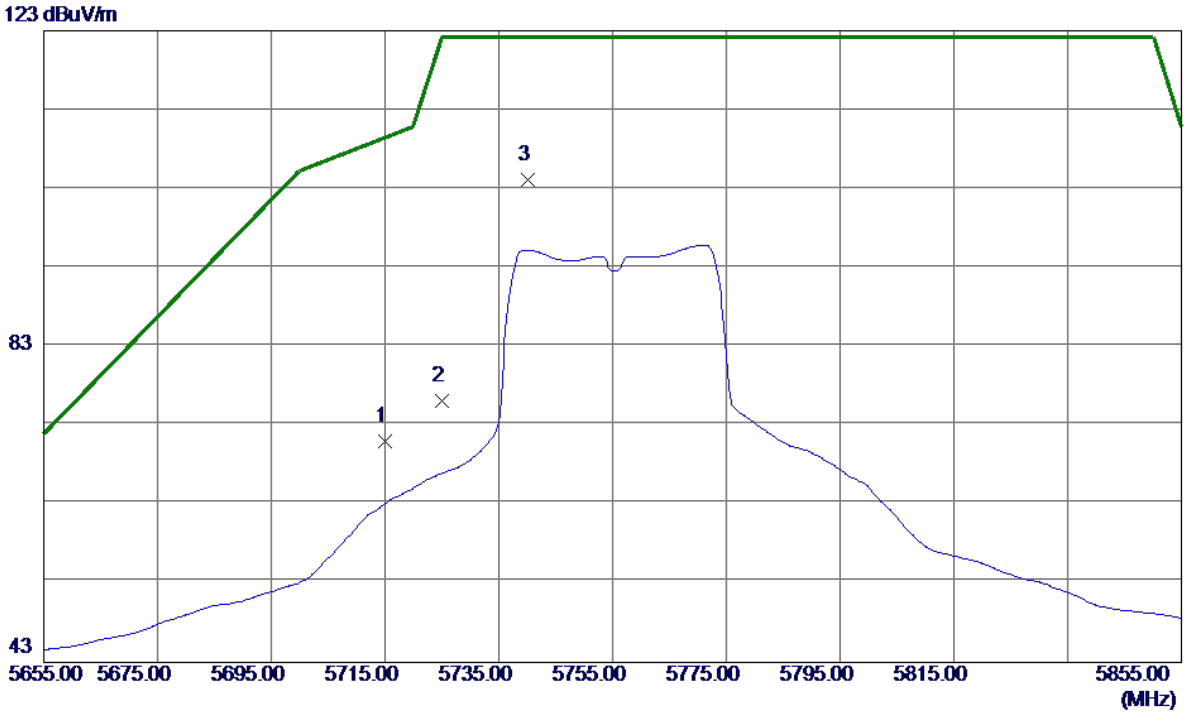
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11645.6500	43.11	17.25	60.36	74.00	-13.64	Peak	
2 *	11646.4500	34.04	17.25	51.29	54.00	-2.71	AVG	

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

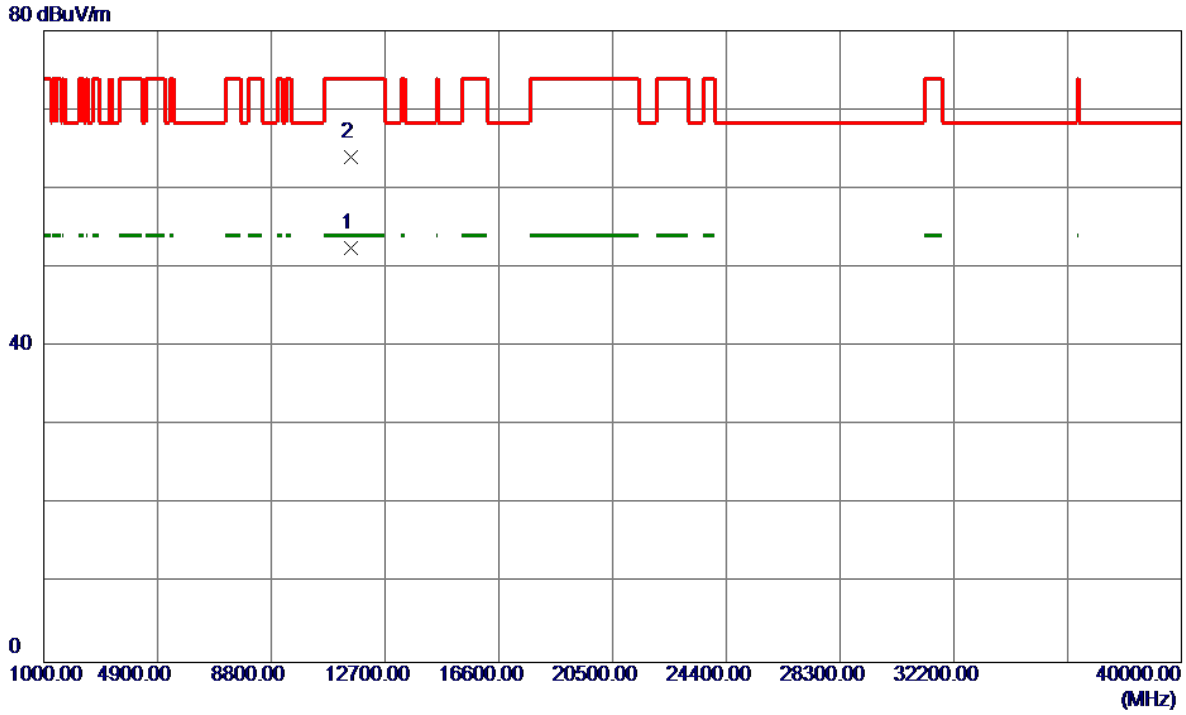
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	29.31	41.66	70.97	109.40	-38.43	Peak	
2	5725.0000	34.36	41.70	76.06	122.20	-46.14	Peak	
3 *	5740.2000	62.41	41.75	104.16	122.20	-18.04	Peak	

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

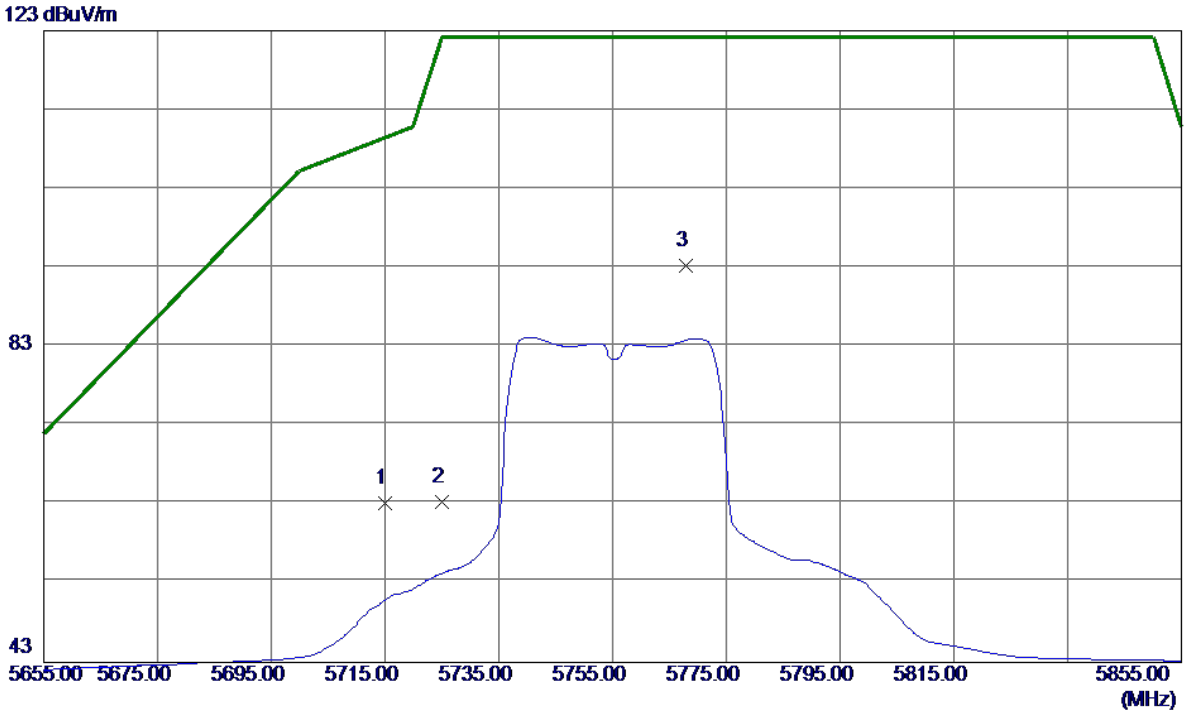
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11511.1000	35.47	17.03	52.50	54.00	-1.50	AVG	
2	11511.3600	46.92	17.03	63.95	74.00	-10.05	Peak	

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

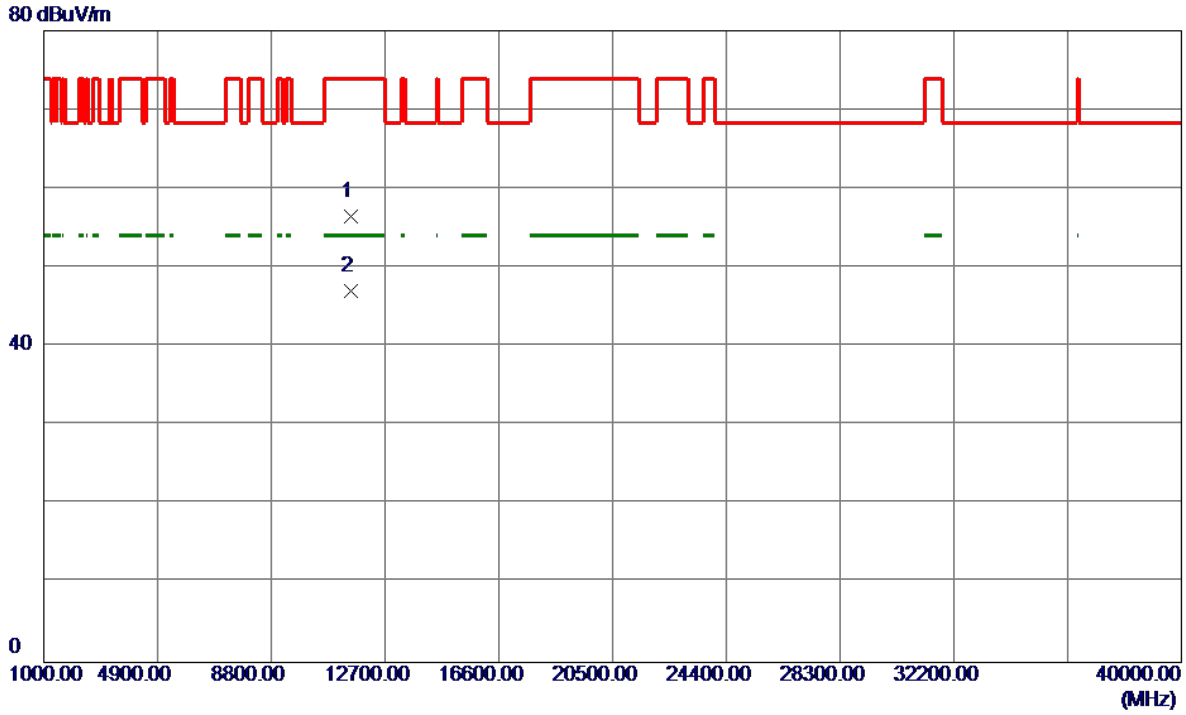
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.55	41.66	63.21	109.40	-46.19	Peak	
2	5725.0000	21.64	41.70	63.34	122.20	-58.86	Peak	
3 *	5767.8000	51.36	41.86	93.22	122.20	-28.98	Peak	

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

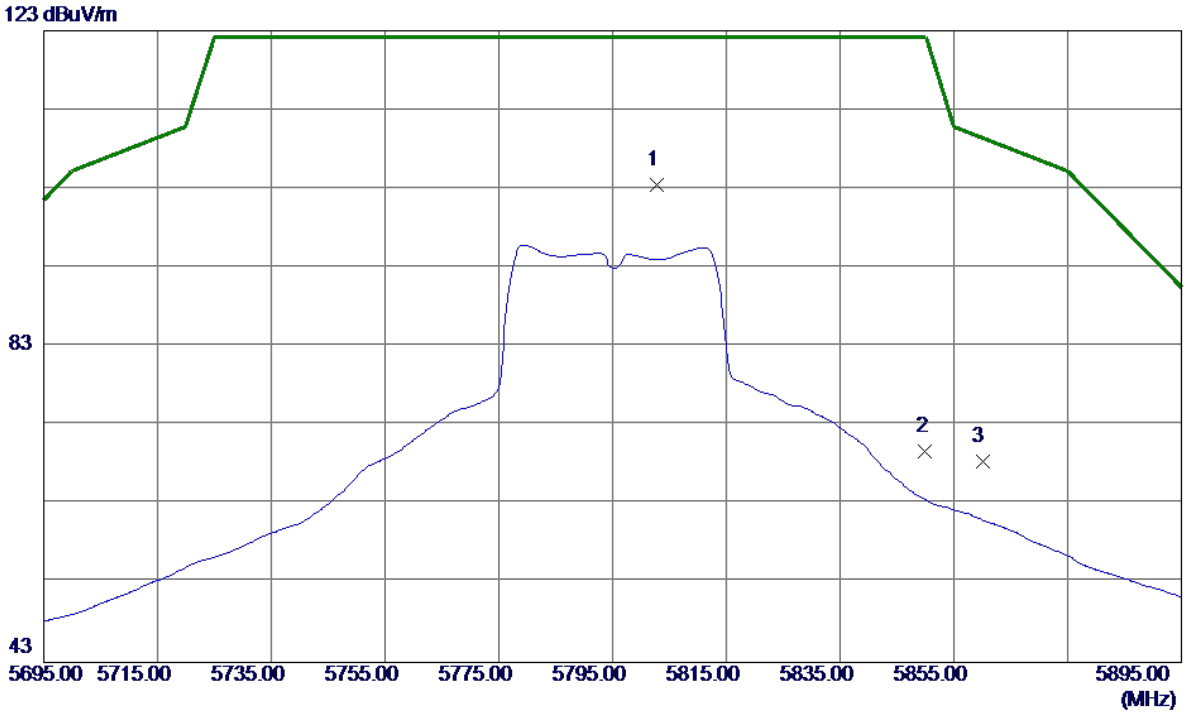
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11508.3500	39.45	17.02	56.47	74.00	-17.53	Peak	
2 *	11517.6000	30.02	17.04	47.06	54.00	-6.94	AVG	

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

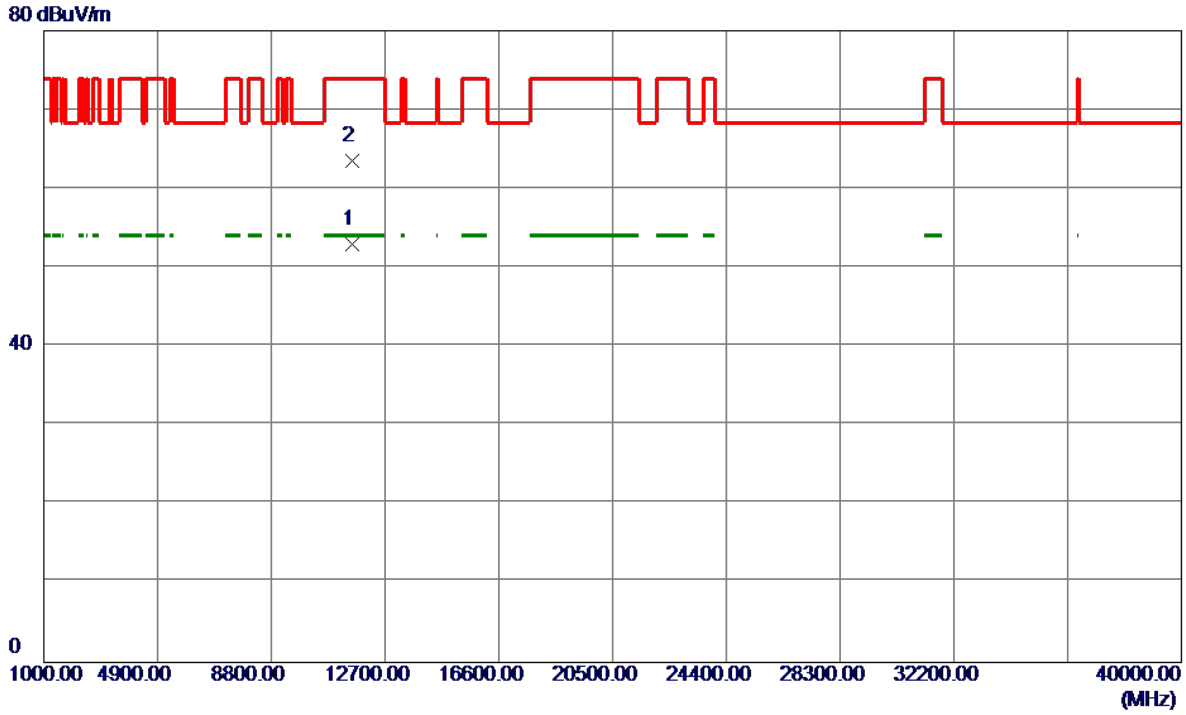
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5802.8000	61.55	41.98	103.53	122.20	-18.67	Peak	
2	5850.0000	27.50	42.16	69.66	122.20	-52.54	Peak	
3	5860.0000	26.30	42.19	68.49	109.40	-40.91	Peak	

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

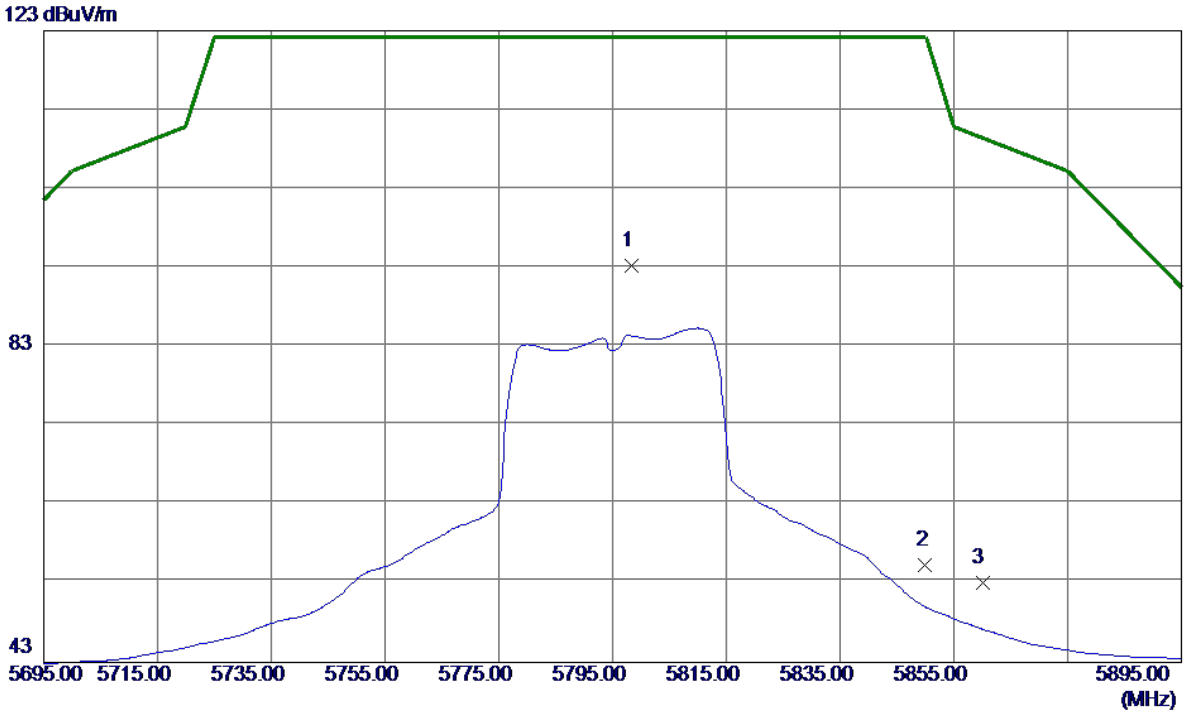
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590.9500	35.75	17.16	52.91	54.00	-1.09	AVG	
2	11591.1500	46.29	17.16	63.45	74.00	-10.55	Peak	

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

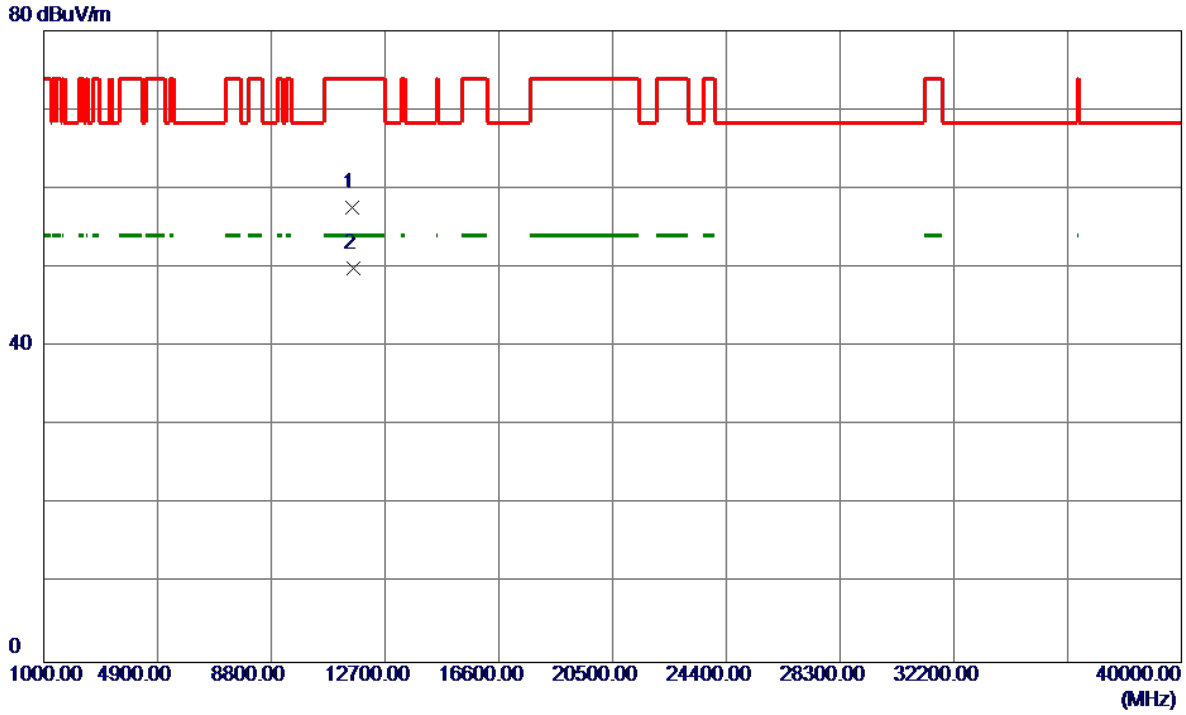
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5798.4000	51.27	41.97	93.24	122.20	-28.96	Peak	
2	5850.0000	13.22	42.16	55.38	122.20	-66.82	Peak	
3	5860.0000	10.92	42.19	53.11	109.40	-56.29	Peak	

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

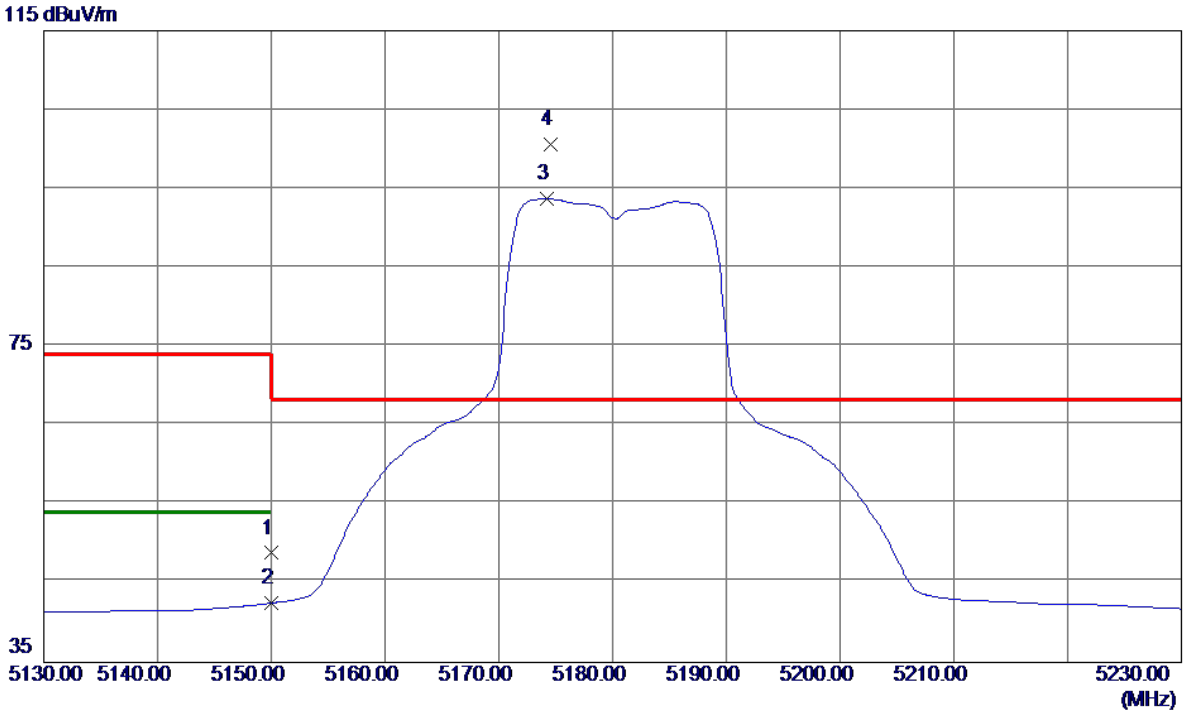
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11593.0500	40.37	17.16	57.53	74.00	-16.47	Peak	
2 *	11596.5000	32.70	17.17	49.87	54.00	-4.13	AVG	

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

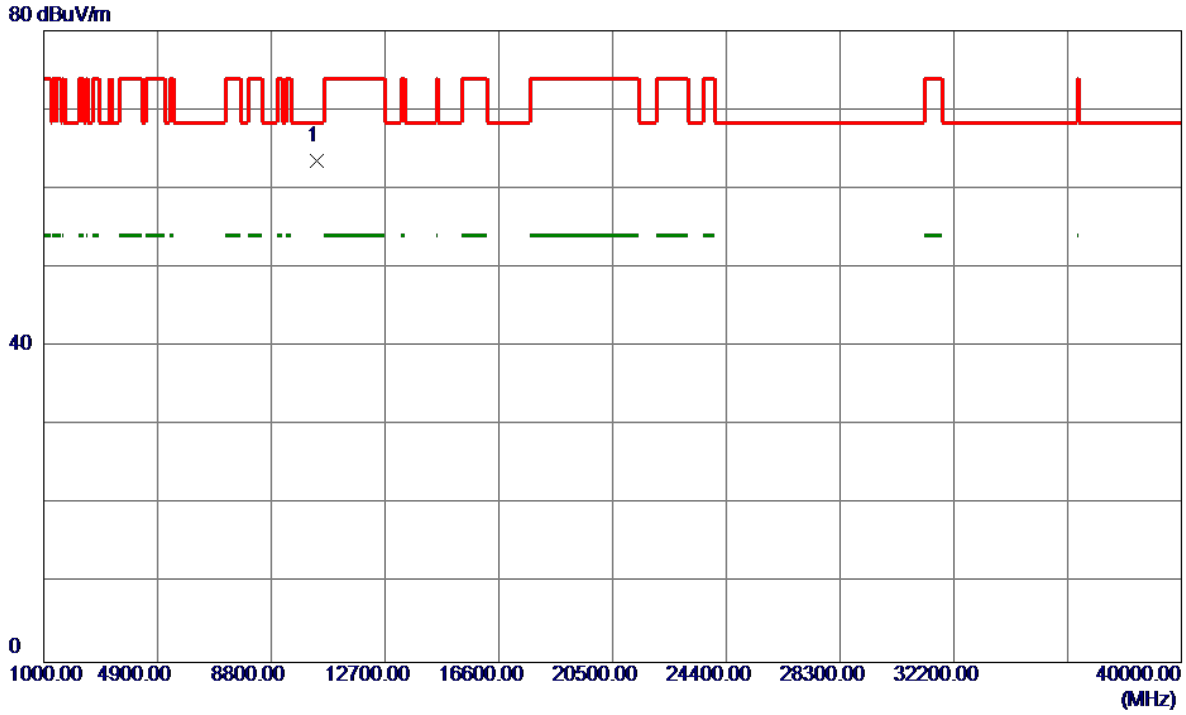
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.94	39.90	48.84	74.00	-25.16	Peak	
2	5150.0000	2.60	39.90	42.50	54.00	-11.50	AVG	
3	5174.2000	53.73	39.96	93.69	999.00	-905.31	AVG	No Limit
4 *	5174.6000	60.65	39.97	100.62	68.30	32.32	Peak	No Limit

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

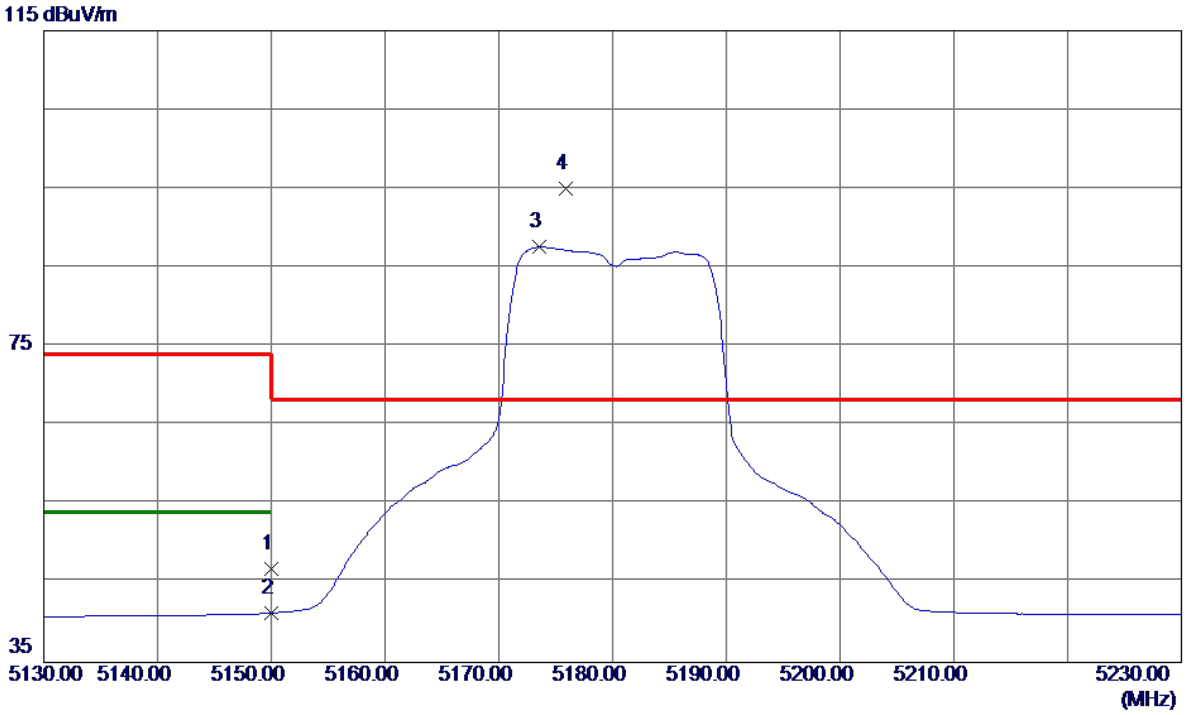
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10355.5599	49.02	14.57	63.59	68.30	-4.71	Peak	

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

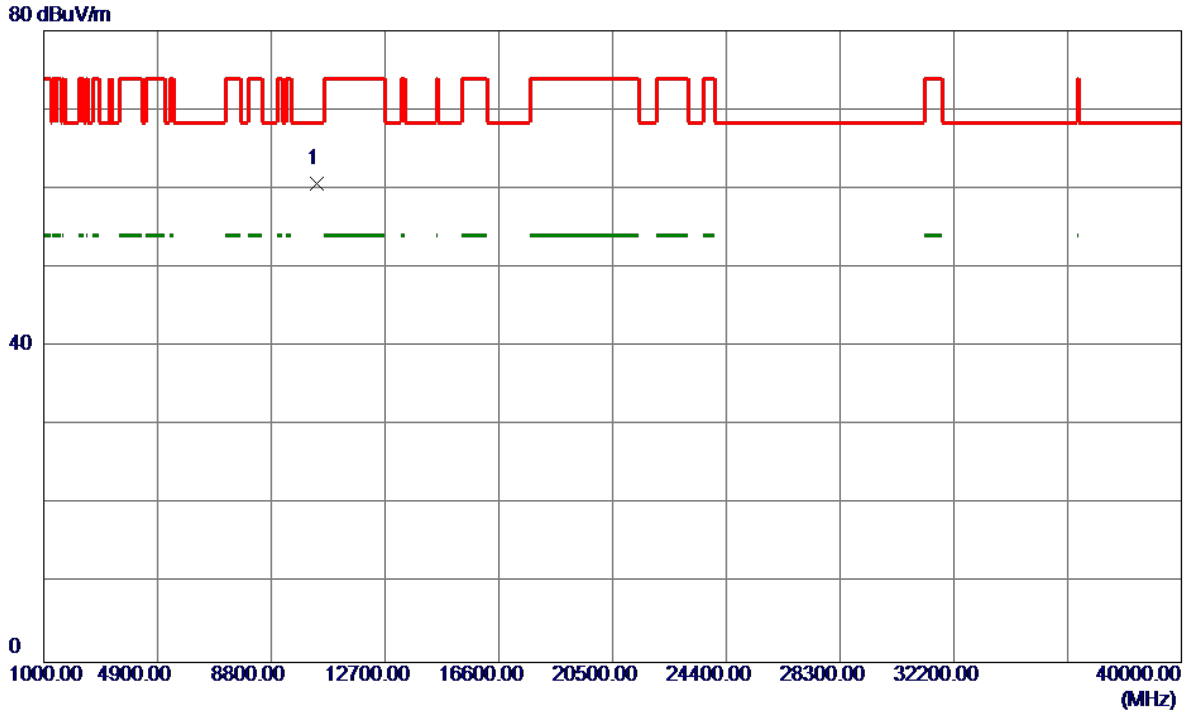
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	7.02	39.90	46.92	74.00	-27.08	Peak	
2	5150.0000	1.34	39.90	41.24	54.00	-12.76	AVG	
3	5173.6000	47.64	39.96	87.60	999.00	-911.40	AVG	No Limit
4 *	5175.9000	55.04	39.97	95.01	68.30	26.71	Peak	No Limit

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

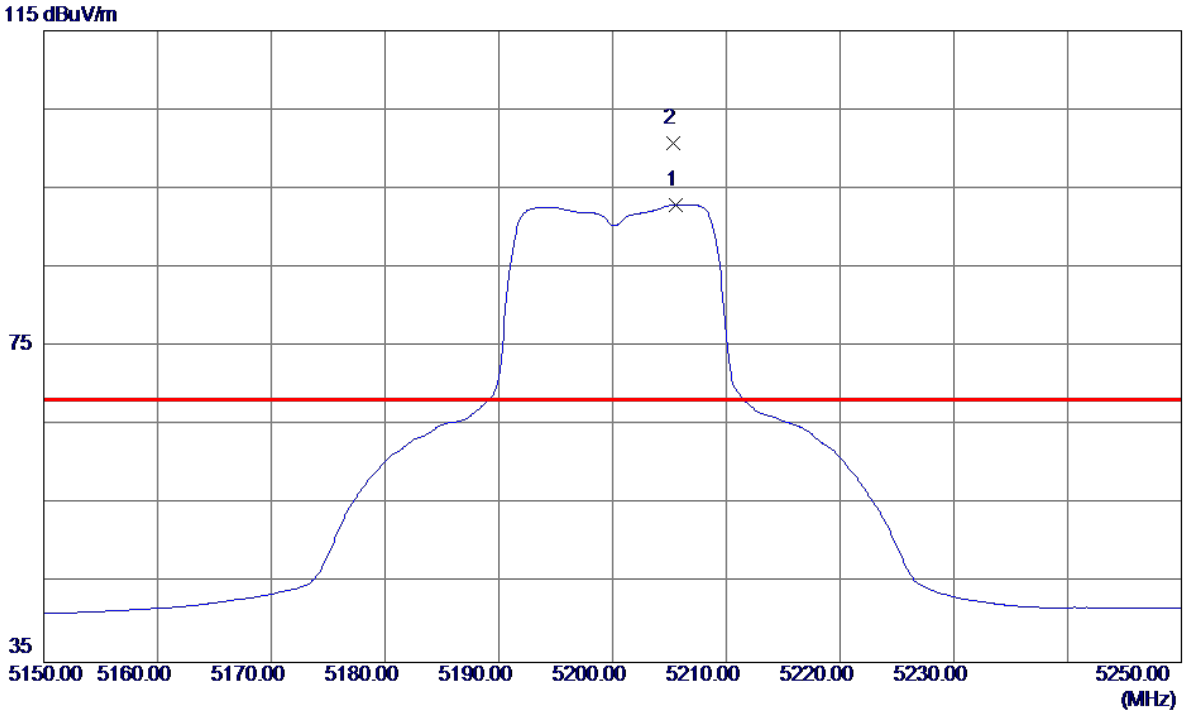
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10362.1200	46.08	14.58	60.66	68.30	-7.64	Peak	

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

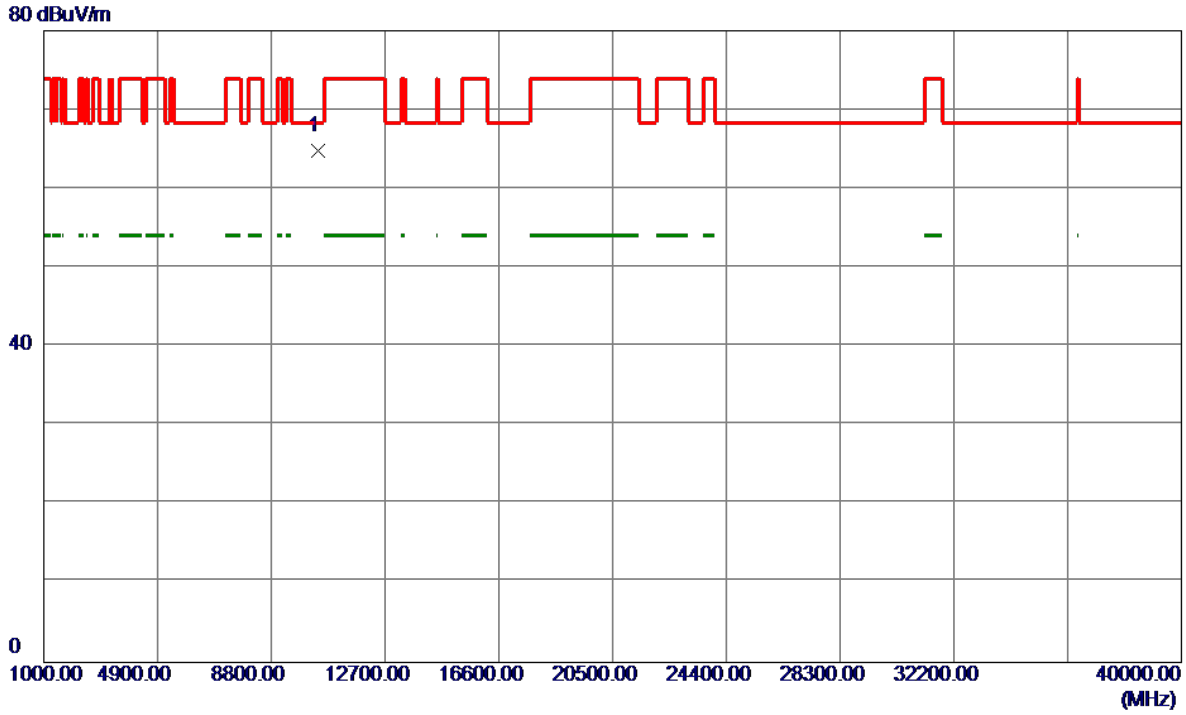
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.6000	52.94	40.05	92.99	999.00	-906.01	AVG	No Limit
2 *	5205.3000	60.64	40.05	100.69	68.30	32.39	Peak	No Limit

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

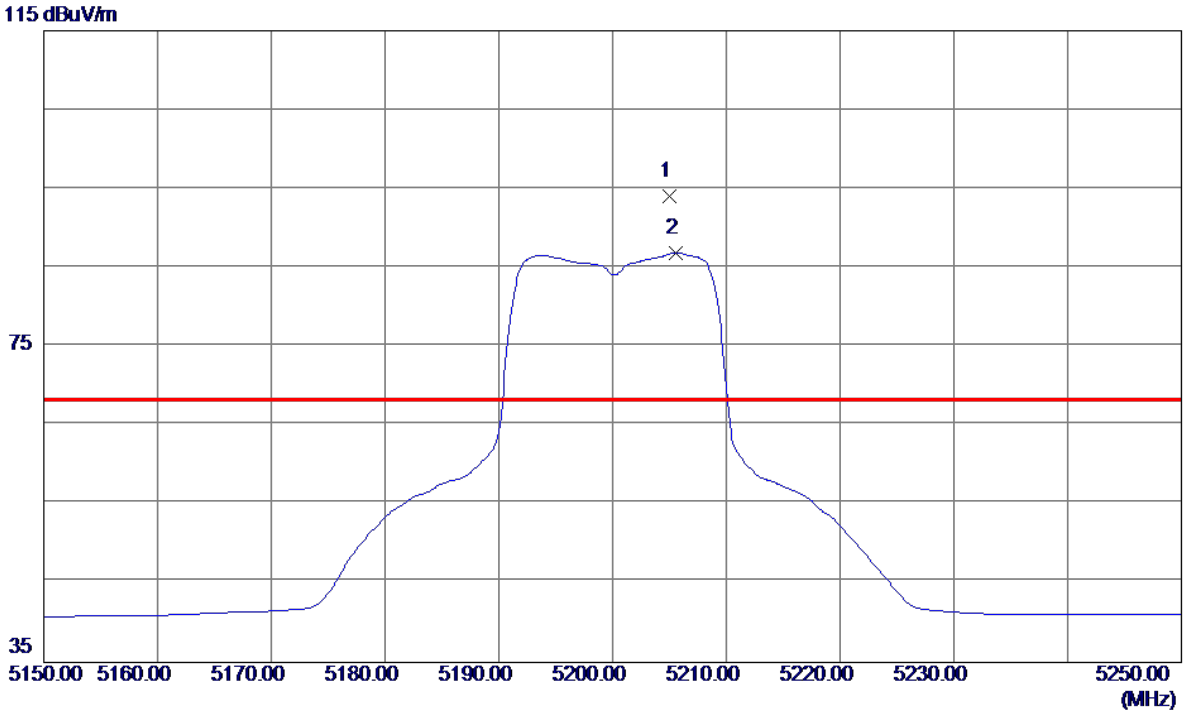
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10402.4800	50.15	14.64	64.79	68.30	-3.51	Peak	

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

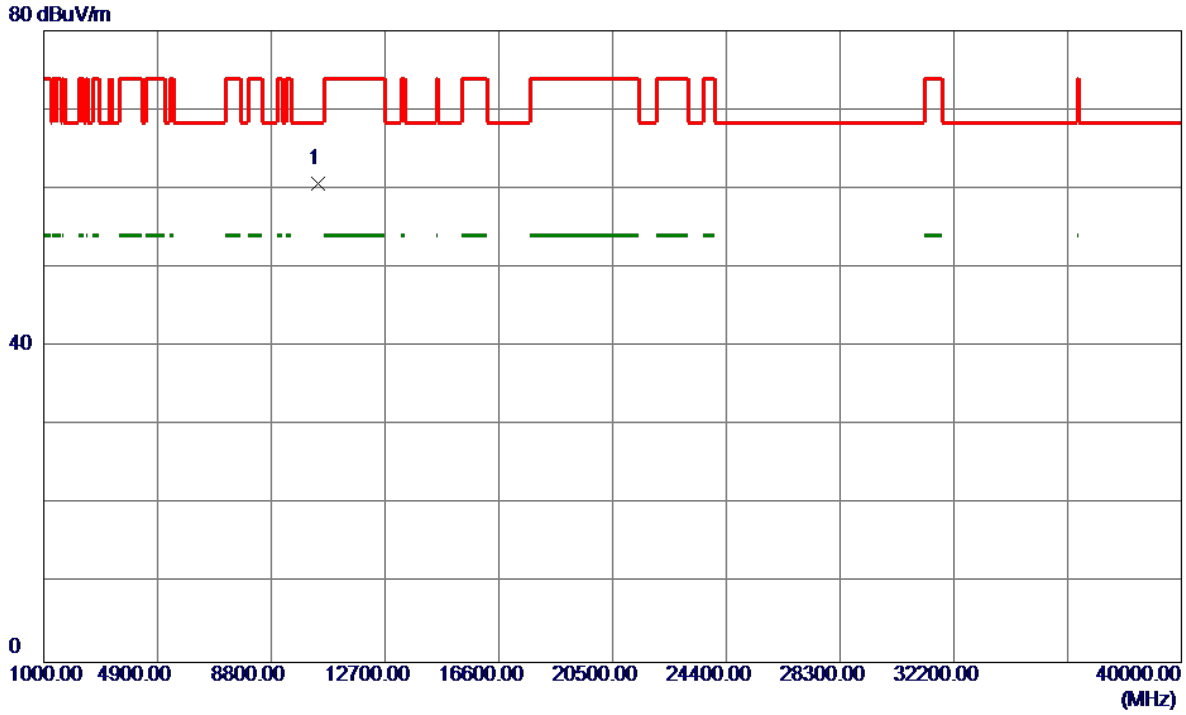
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5205.0000	54.02	40.05	94.07	68.30	25.77	Peak	No Limit
2	5205.6000	46.80	40.05	86.85	999.00	-912.15	AVG	No Limit

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

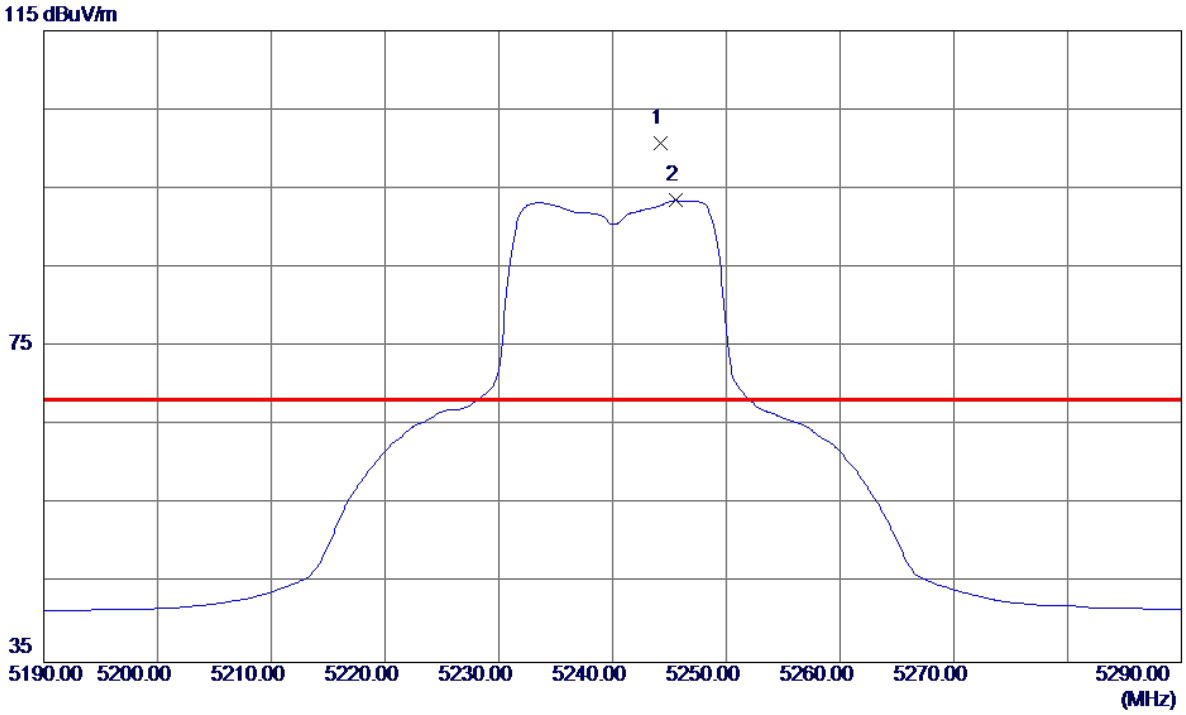
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.7200	45.94	14.64	60.58	68.30	-7.72	Peak	

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

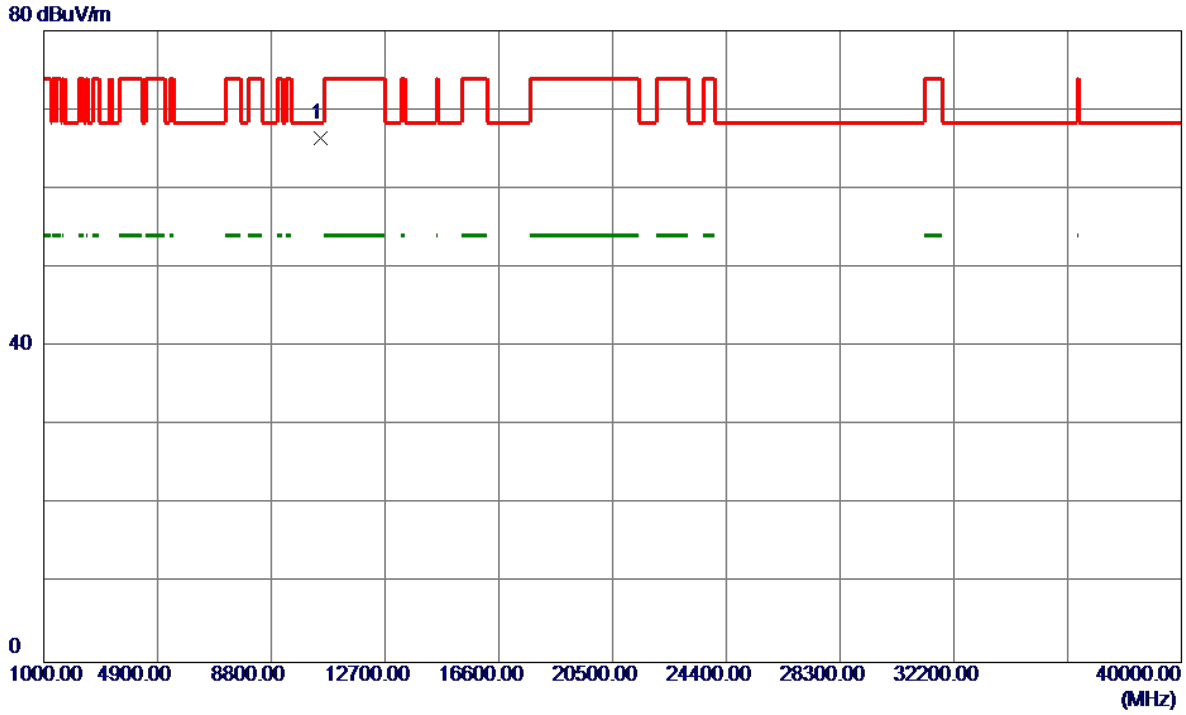
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5244.2000	60.61	40.16	100.77	68.30	32.47	Peak	No Limit
2	5245.6000	53.34	40.16	93.50	999.00	-905.50	AVG	No Limit

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

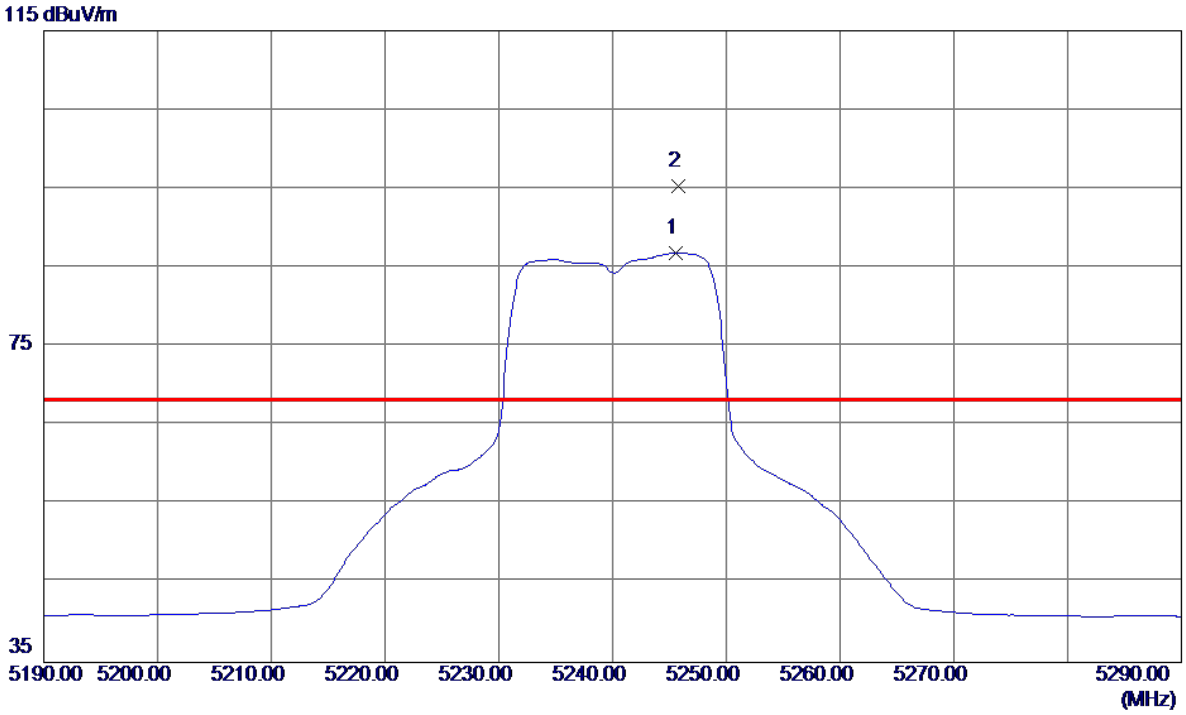
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10482.5599	51.65	14.76	66.41	68.30	-1.89	Peak	

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

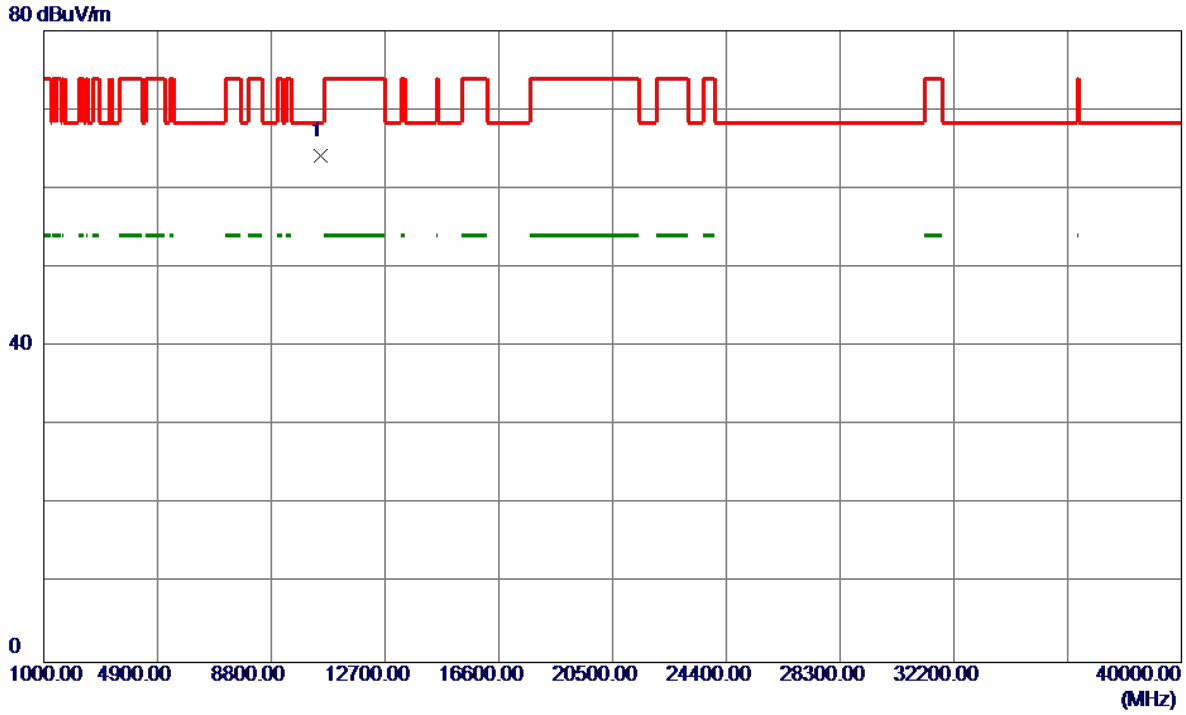
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5245.6000	46.68	40.16	86.84	999.00	-912.16	AVG	No Limit
2 *	5245.8000	55.19	40.16	95.35	68.30	27.05	Peak	No Limit

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

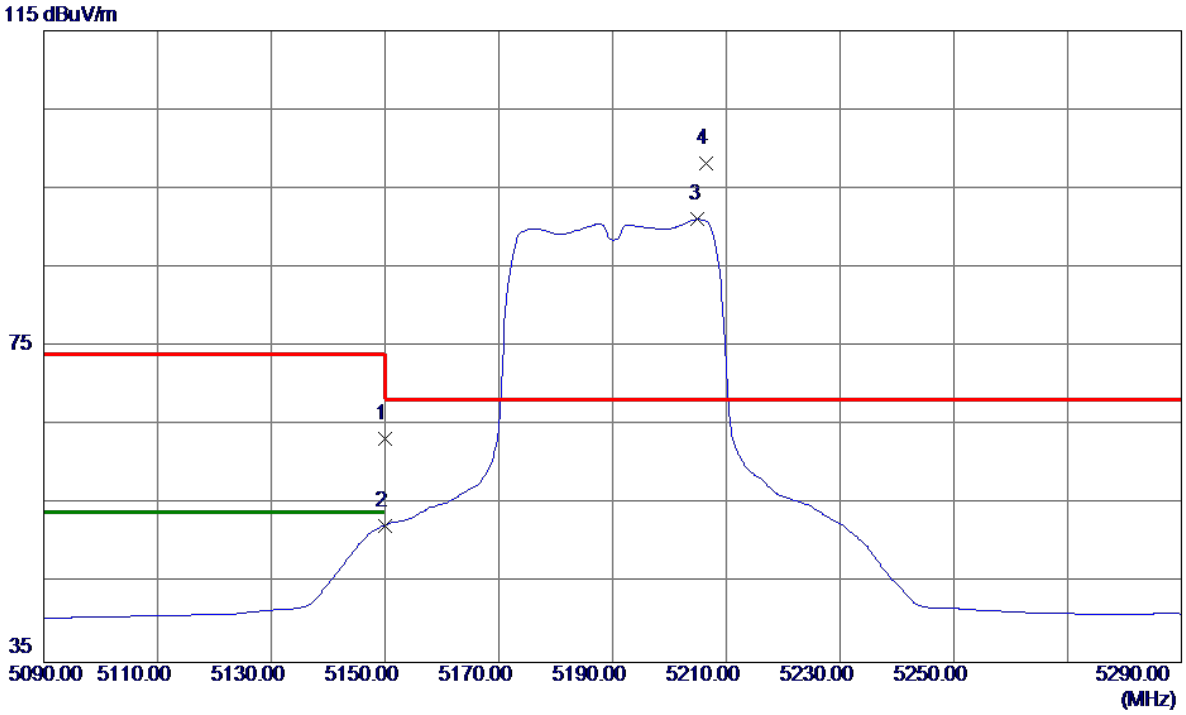
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10483.8000	49.47	14.76	64.23	68.30	-4.07	Peak	

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

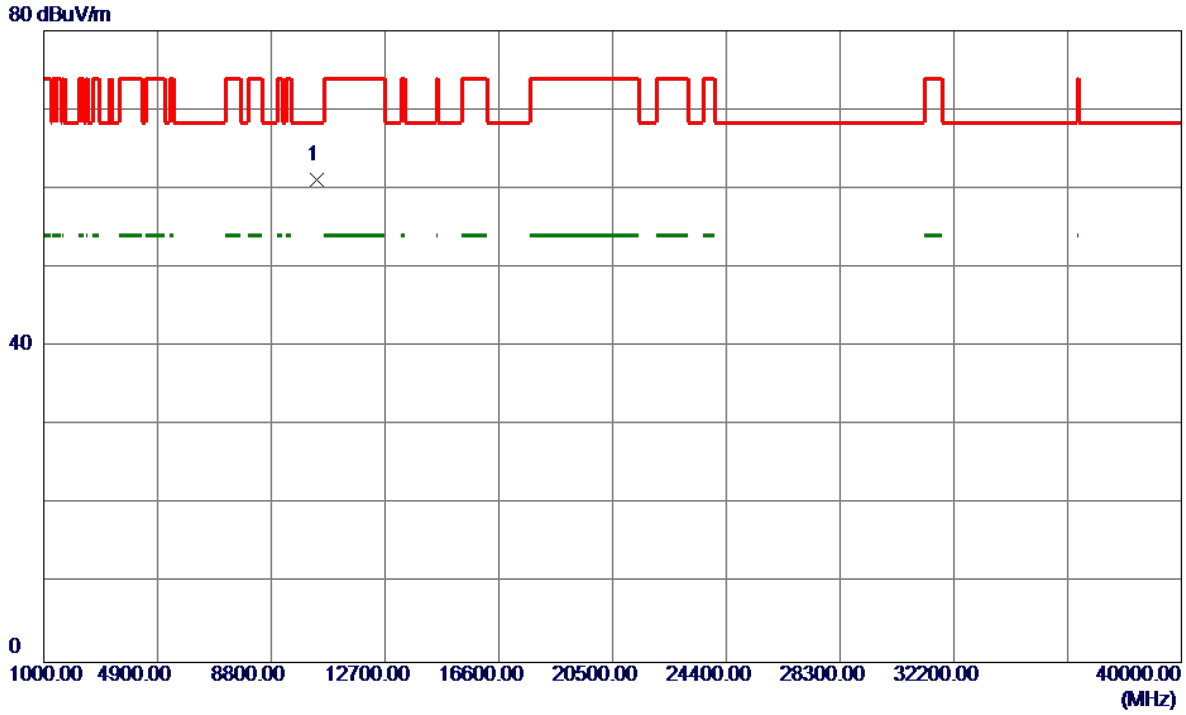
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.35	39.90	63.25	74.00	-10.75	Peak	
2	5150.0000	12.45	39.90	52.35	54.00	-1.65	AVG	
3	5205.0000	51.07	40.05	91.12	999.00	-907.88	AVG	No Limit
4 *	5206.4000	58.22	40.05	98.27	68.30	29.97	Peak	No Limit

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

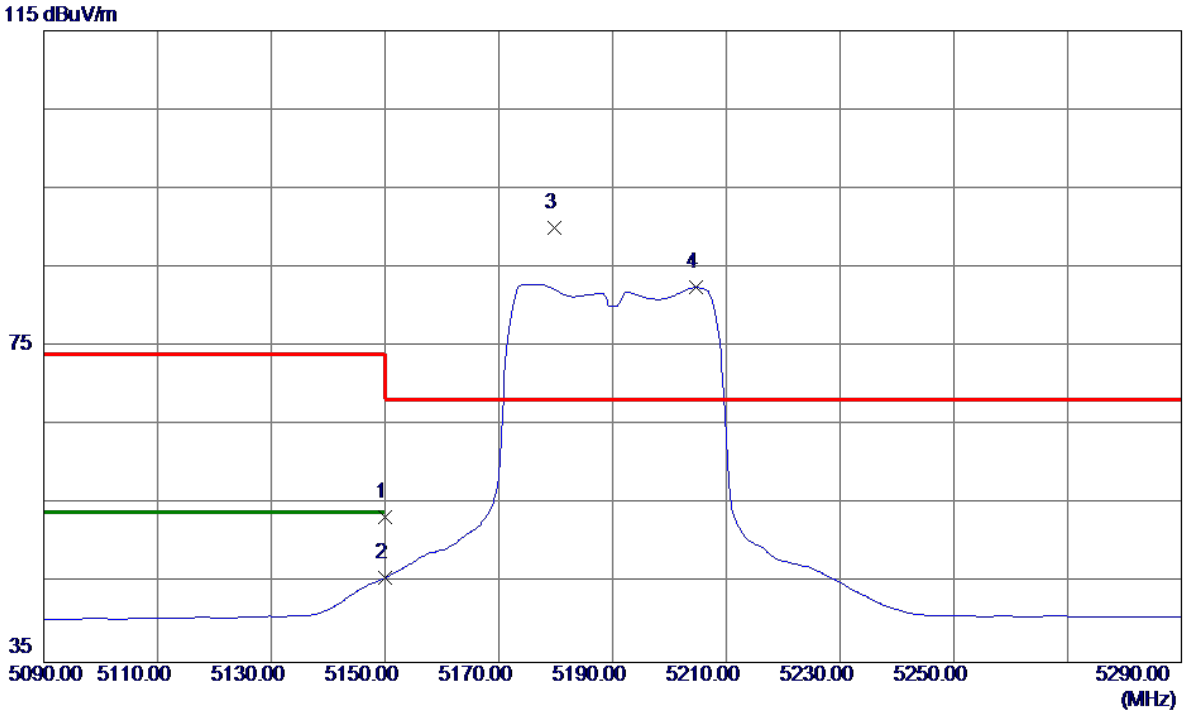
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.1000	46.48	14.61	61.09	68.30	-7.21	Peak	

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

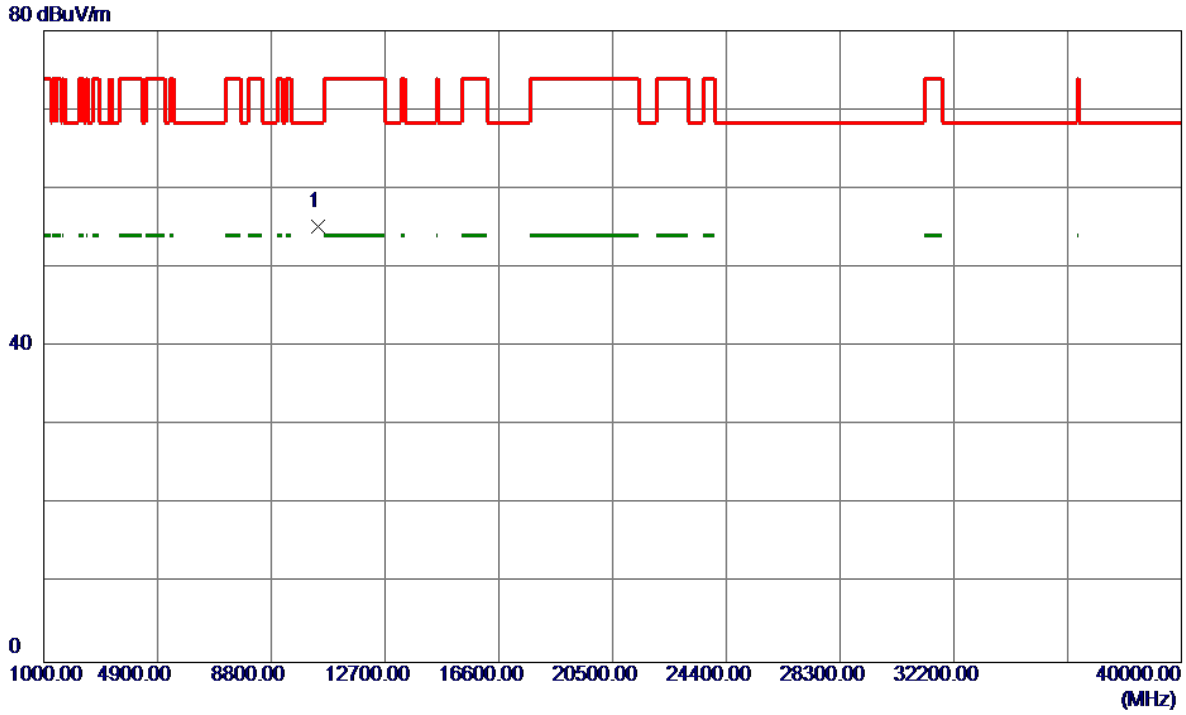
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.48	39.90	53.38	74.00	-20.62	Peak	
2	5150.0000	5.78	39.90	45.68	54.00	-8.32	AVG	
3 *	5179.8000	50.11	39.98	90.09	68.30	21.79	Peak	No Limit
4	5204.6000	42.43	40.05	82.48	999.00	-916.52	AVG	No Limit

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

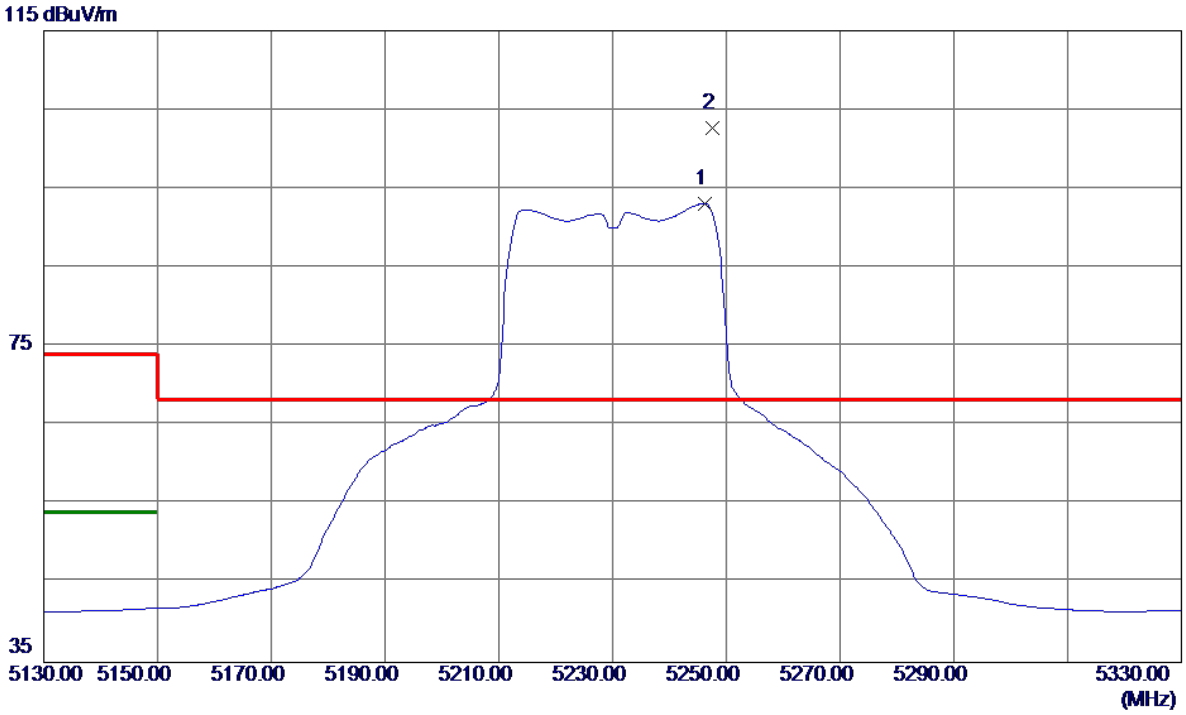
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10382.2000	40.57	14.61	55.18	68.30	-13.12	Peak	

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

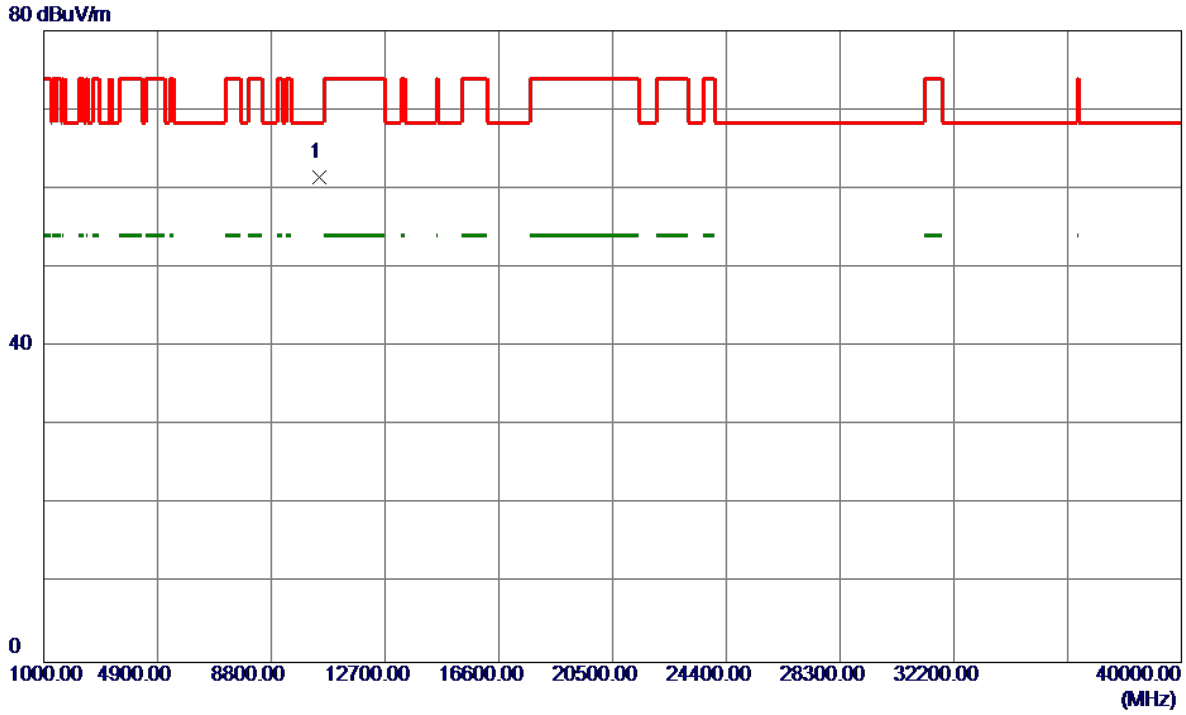
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5246.2000	52.92	40.16	93.08	999.00	-905.92	AVG	No Limit
2 *	5247.6000	62.48	40.17	102.65	68.30	34.35	Peak	No Limit

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

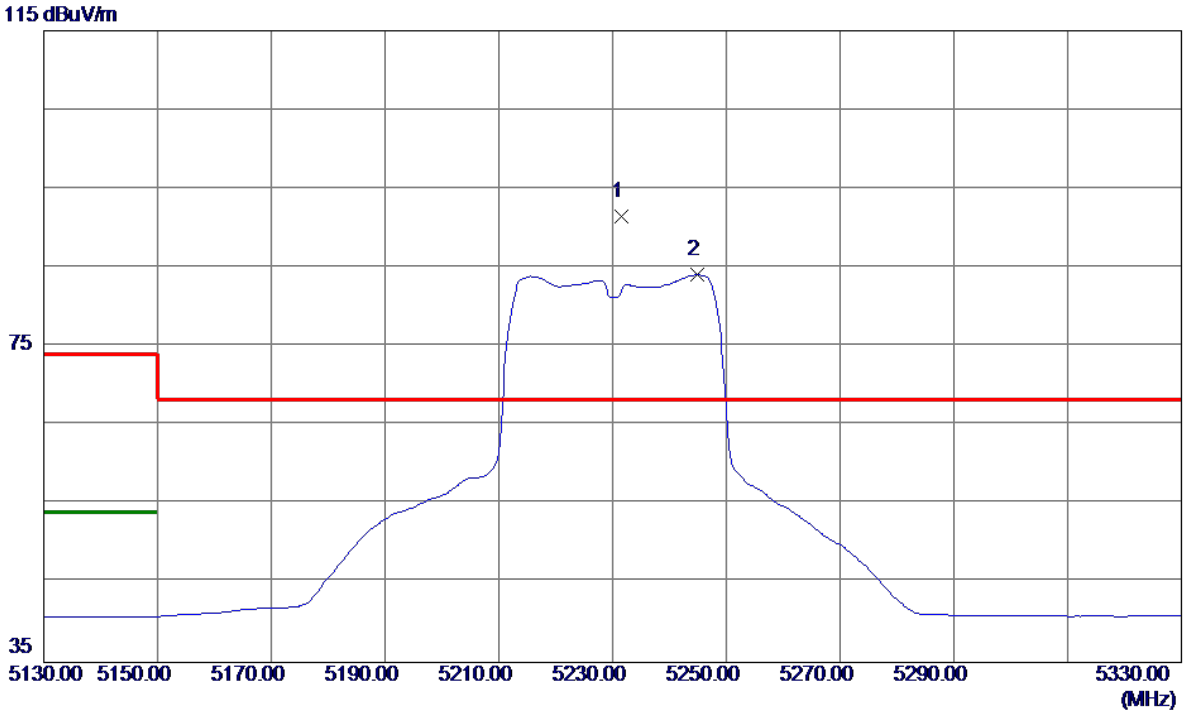
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.9500	46.77	14.72	61.49	68.30	-6.81	Peak	

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

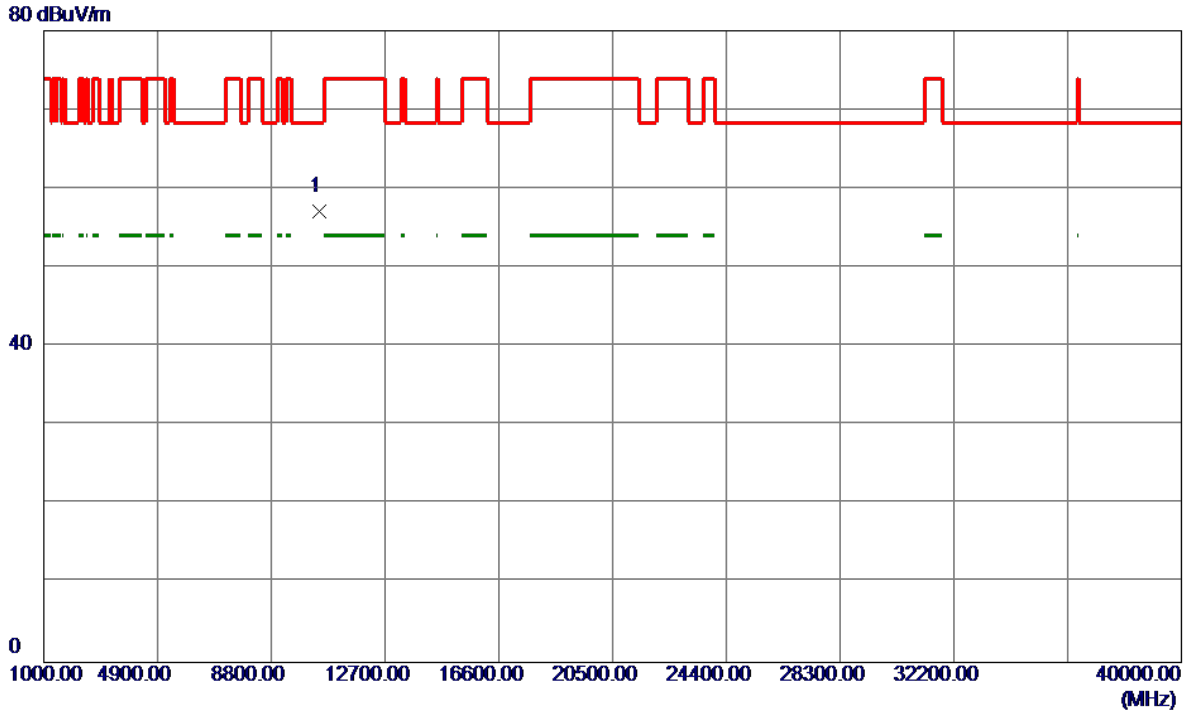
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5231.6000	51.32	40.12	91.44	68.30	23.14	Peak	No Limit
2	5244.8000	43.94	40.16	84.10	999.00	-914.90	AVG	No Limit

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

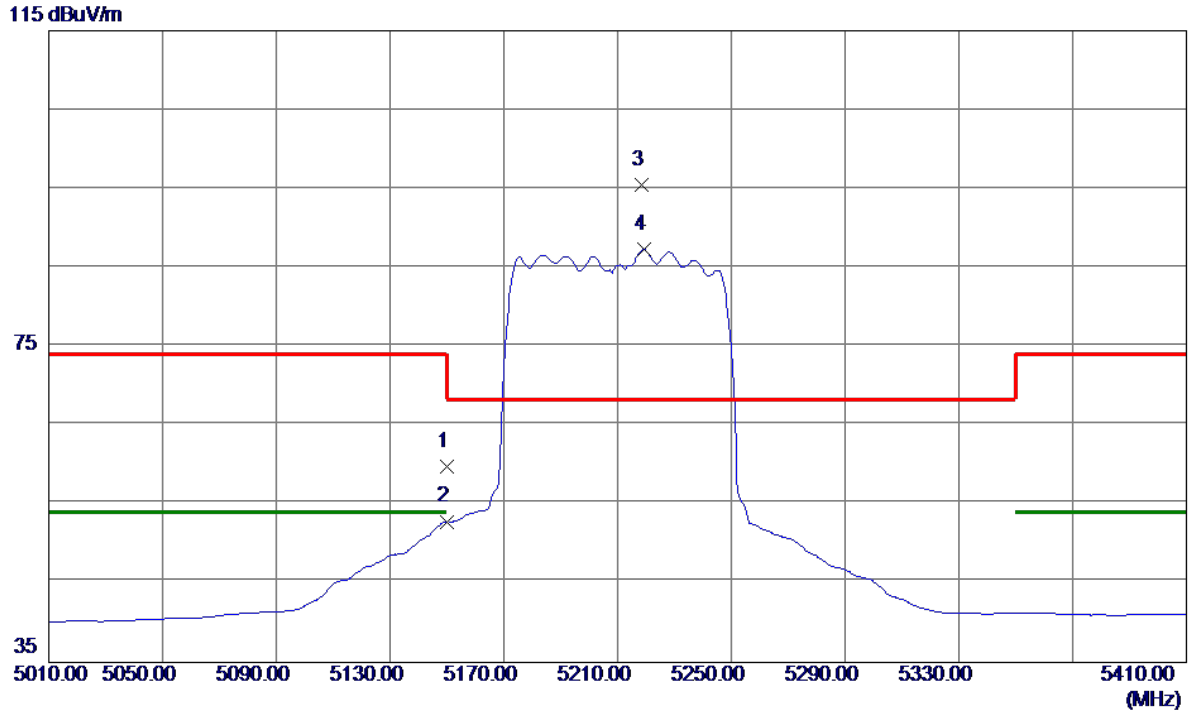
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.4000	42.33	14.72	57.05	68.30	-11.25	Peak	

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

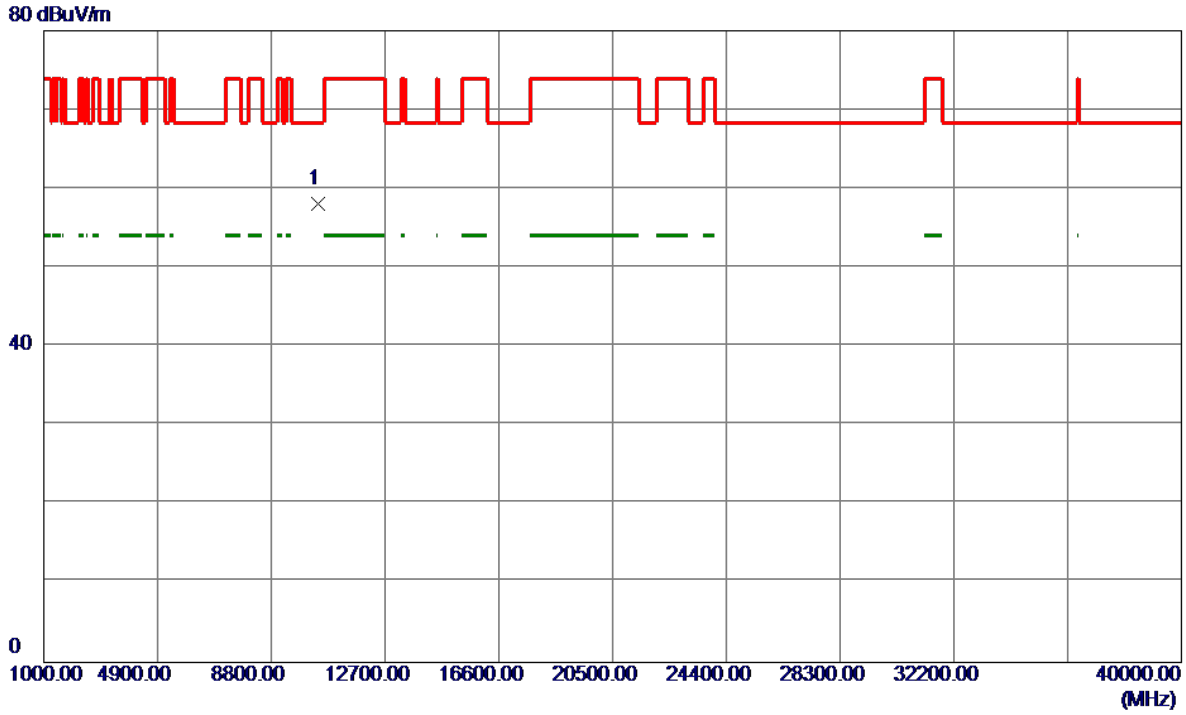
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	19.93	39.90	59.83	74.00	-14.17	Peak	
2	5150.0000	12.94	39.90	52.84	54.00	-1.16	AVG	
3 *	5218.4000	55.33	40.09	95.42	68.30	27.12	Peak	No Limit
4	5219.2000	47.20	40.09	87.29	999.00	-911.71	AVG	No Limit

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

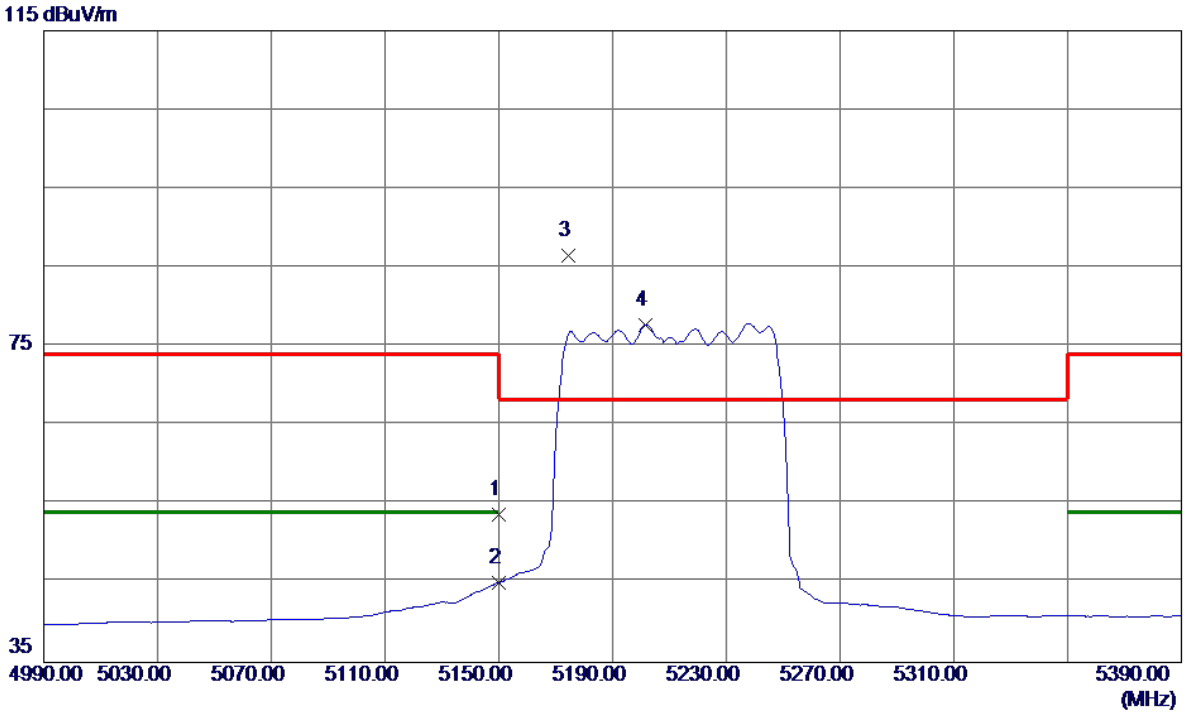
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10419.2000	43.41	14.67	58.08	68.30	-10.22	Peak	

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

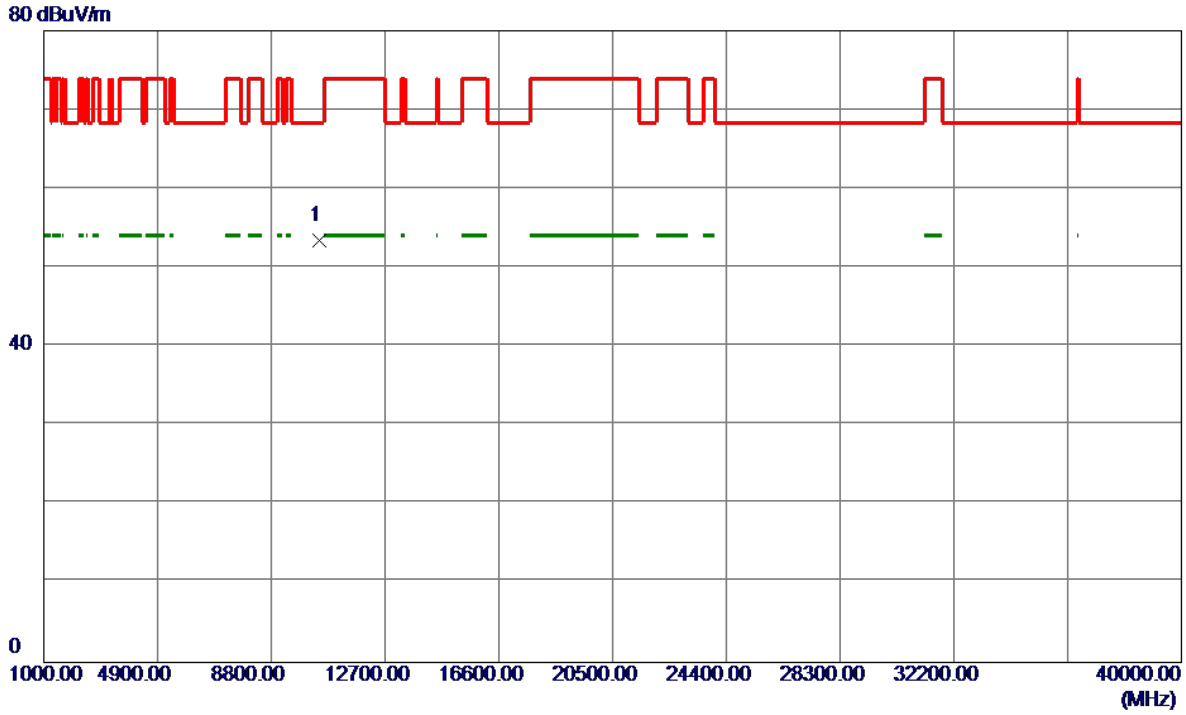
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	13.84	39.90	53.74	74.00	-20.26	Peak	
2	5150.0000	5.20	39.90	45.10	54.00	-8.90	AVG	
3 *	5174.4000	46.64	39.96	86.60	68.30	18.30	Peak	No Limit
4	5201.6000	37.67	40.04	77.71	999.00	-921.29	AVG	No Limit

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

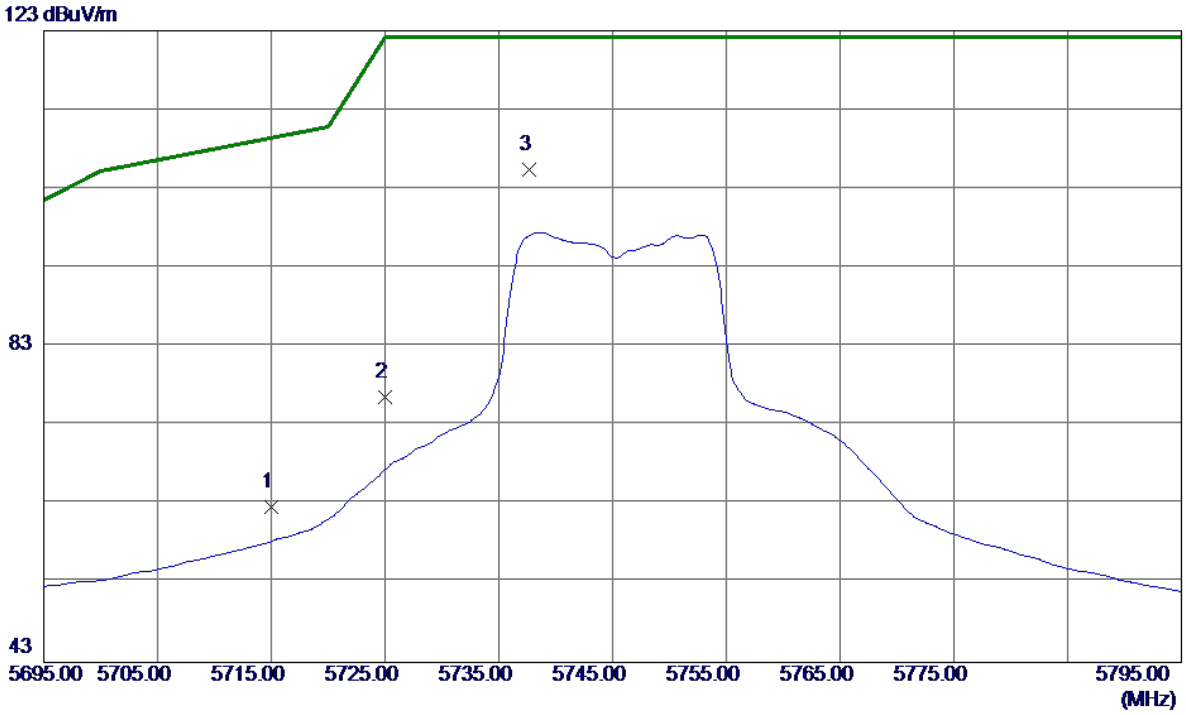
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10437.4000	38.72	14.69	53.41	68.30	-14.89	Peak	

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

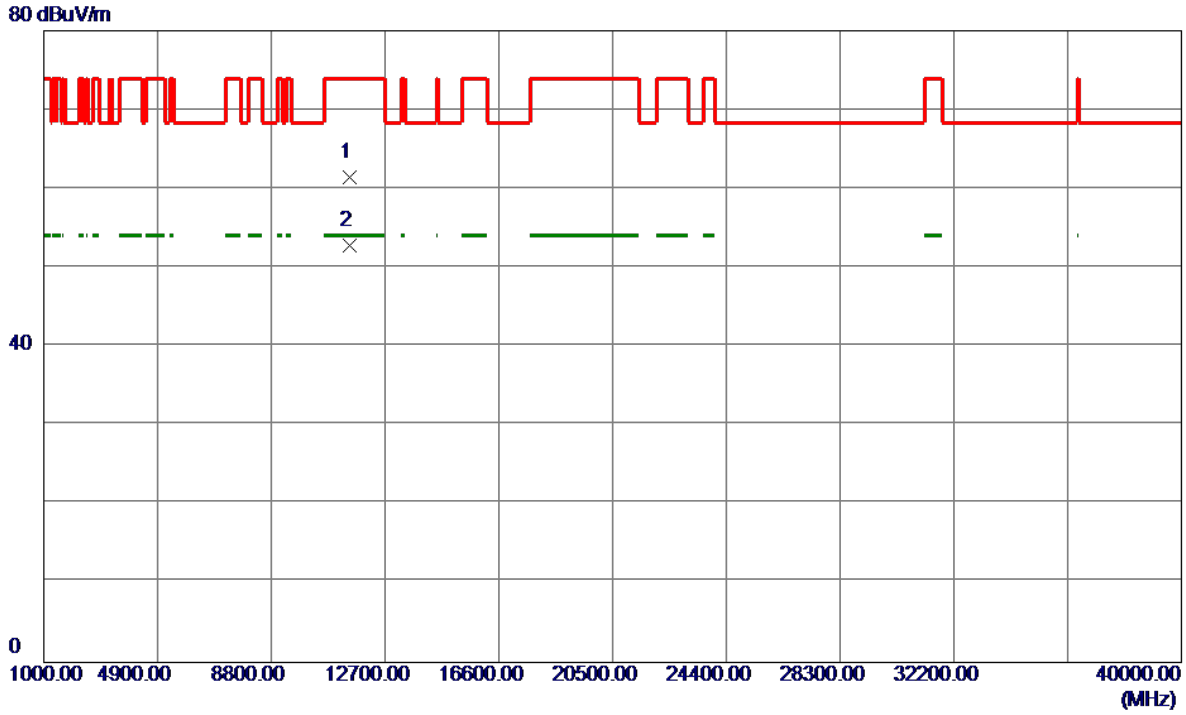
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.96	41.66	62.62	109.40	-46.78	Peak	
2	5725.0000	34.91	41.70	76.61	122.20	-45.59	Peak	
3 *	5737.7000	63.69	41.74	105.43	122.20	-16.77	Peak	

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

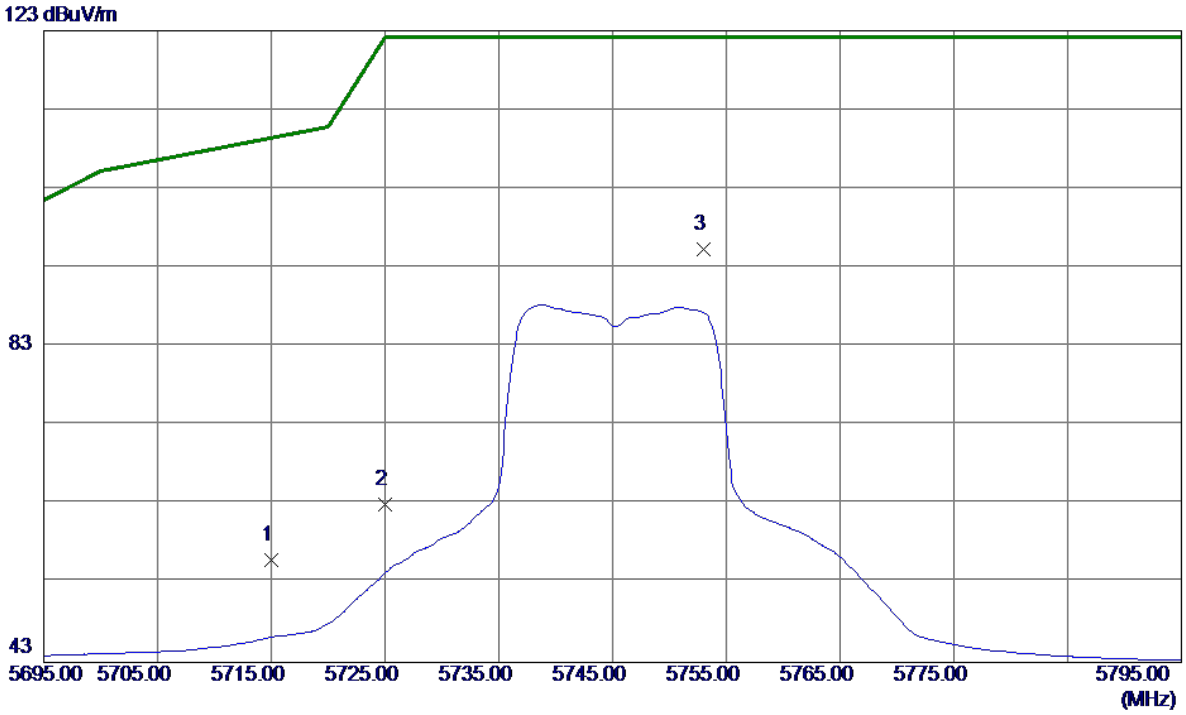
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11487.4000	44.52	16.98	61.50	74.00	-12.50	Peak	
2 *	11489.7000	35.83	16.99	52.82	54.00	-1.18	AVG	

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

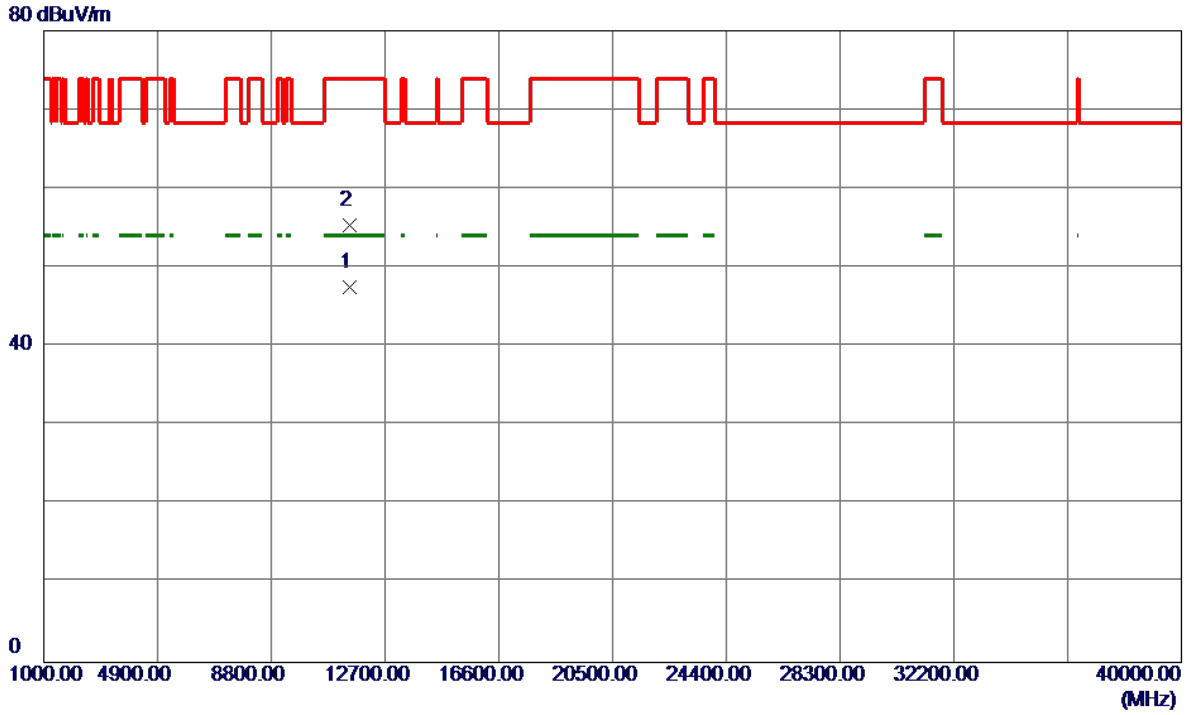
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	14.32	41.66	55.98	109.40	-53.42	Peak	
2	5725.0000	21.28	41.70	62.98	122.20	-59.22	Peak	
3 *	5753.0000	53.57	41.80	95.37	122.20	-26.83	Peak	

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

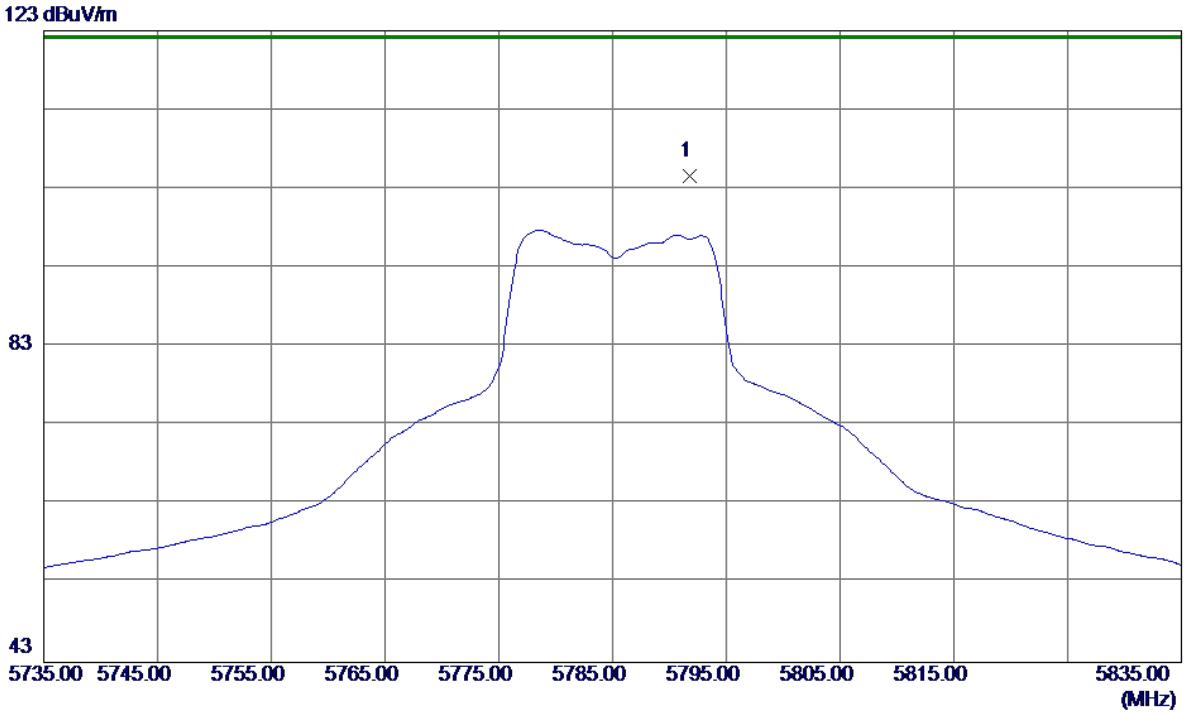
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11491.1500	30.58	16.99	47.57	54.00	-6.43	AVG	
2	11492.5000	38.39	16.99	55.38	74.00	-18.62	Peak	

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

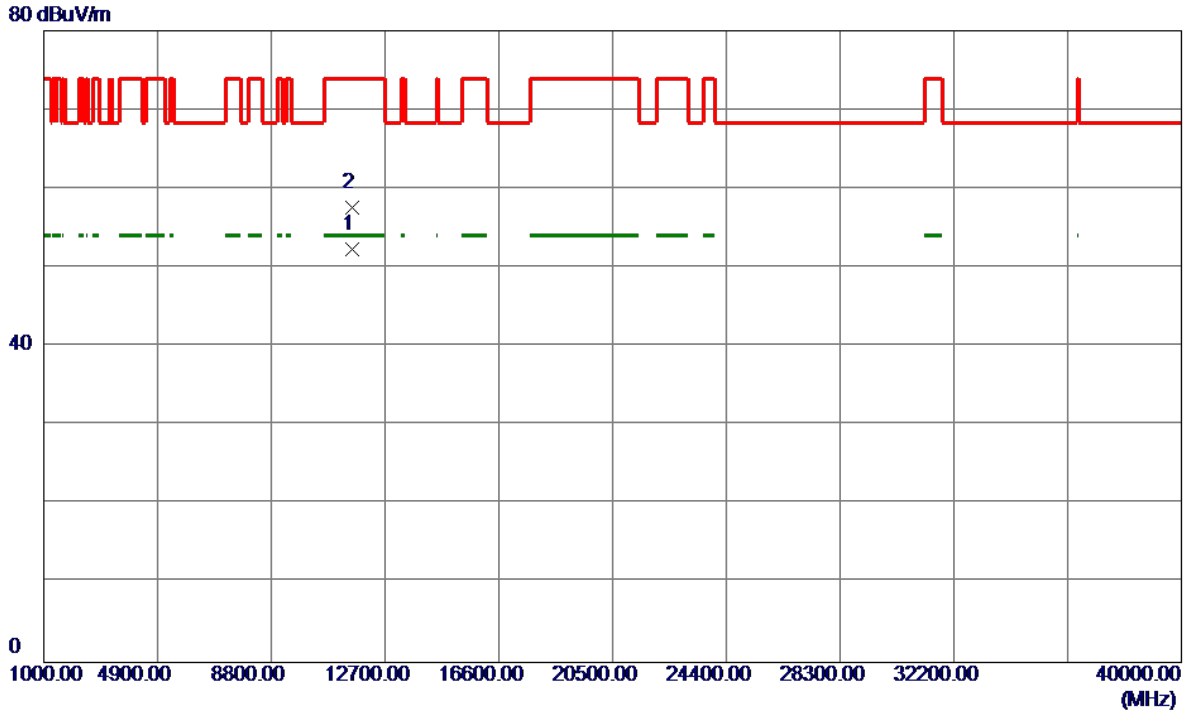
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.8000	62.68	41.94	104.62	122.20	-17.58	Peak	

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

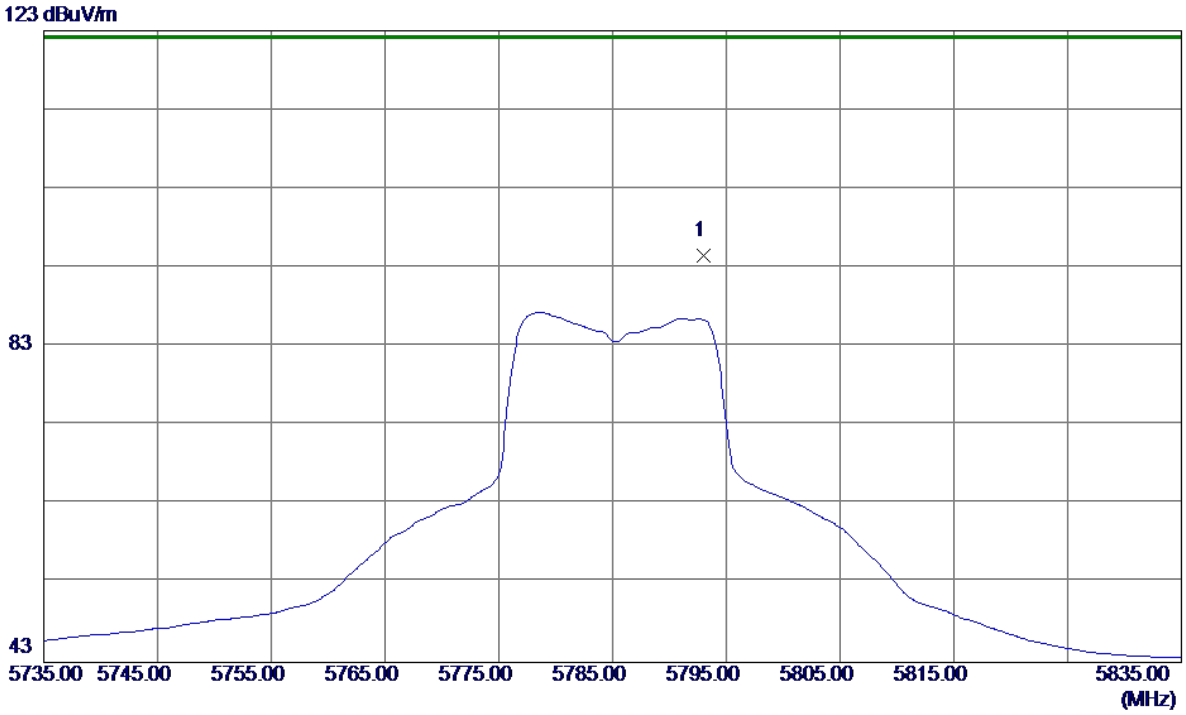
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11571.0500	35.18	17.13	52.31	54.00	-1.69	AVG	
2	11577.3500	40.39	17.14	57.53	74.00	-16.47	Peak	

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

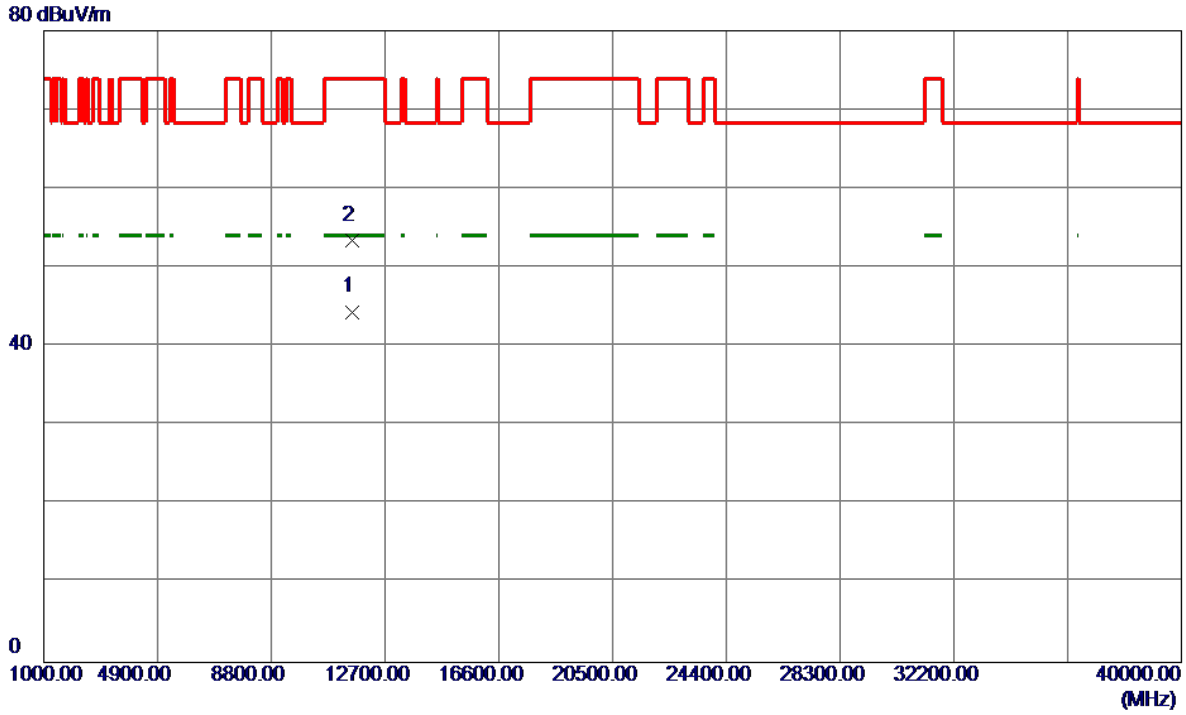
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5793.0000	52.61	41.95	94.56	122.20	-27.64	Peak	

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

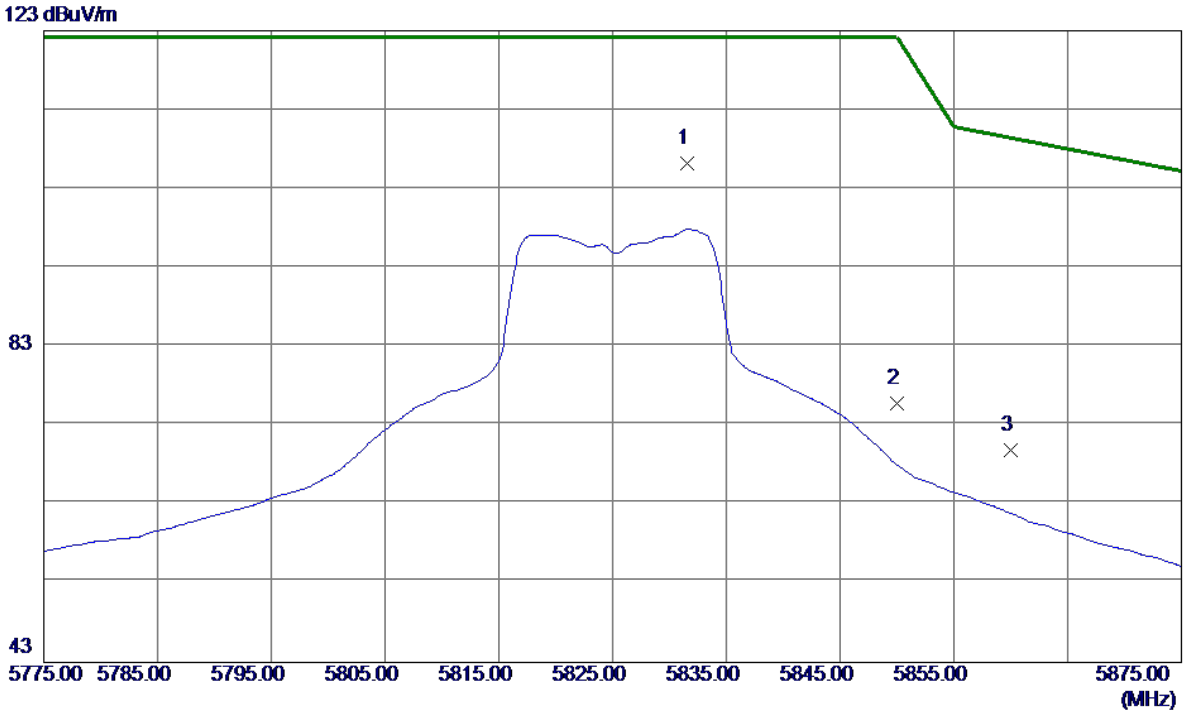
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11571.2000	27.27	17.13	44.40	54.00	-9.60	AVG	
2	11572.4500	36.26	17.13	53.39	74.00	-20.61	Peak	

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

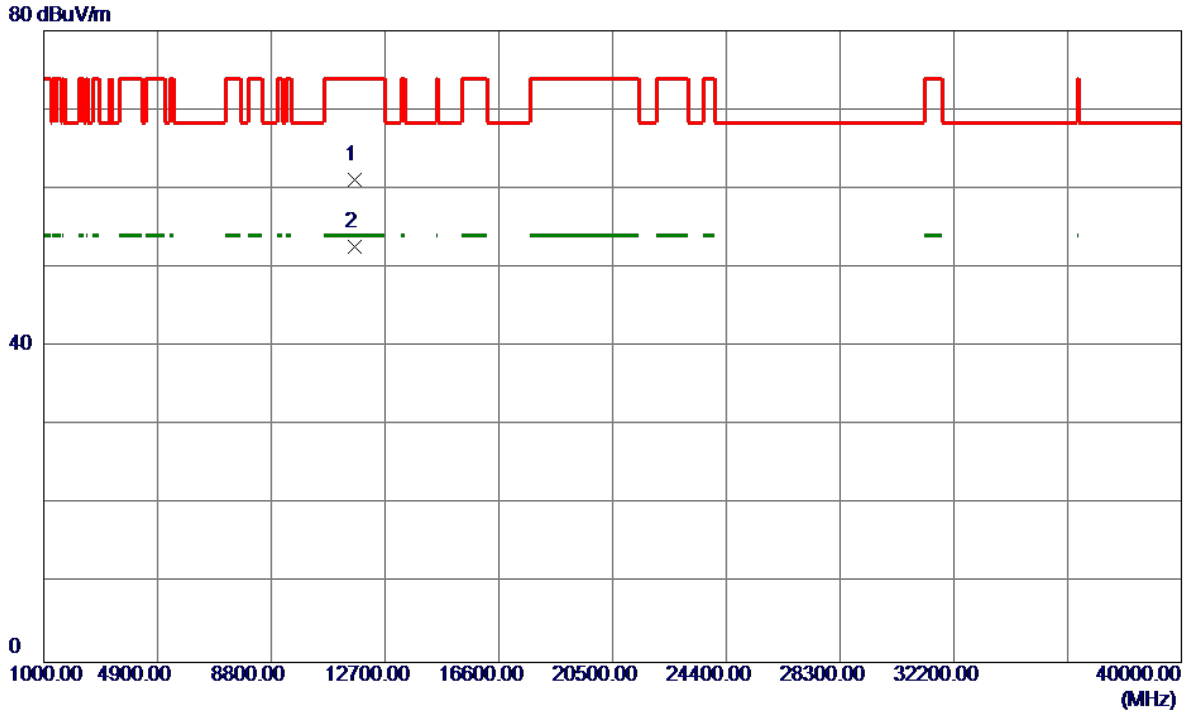
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5831.6000	64.13	42.09	106.22	122.20	-15.98	Peak	
2	5850.0000	33.70	42.16	75.86	122.20	-46.34	Peak	
3	5860.0000	27.71	42.19	69.90	109.40	-39.50	Peak	

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

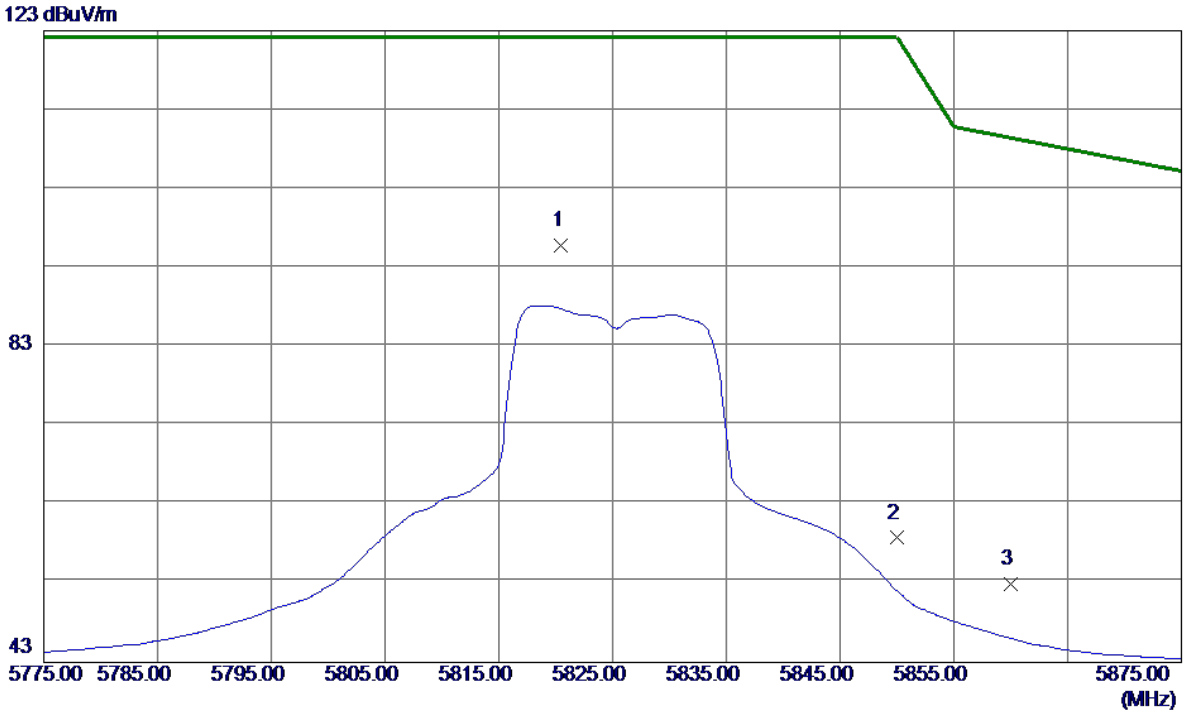
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11648.3000	43.82	17.25	61.07	74.00	-12.93	Peak	
2 *	11648.6500	35.34	17.25	52.59	54.00	-1.41	AVG	

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

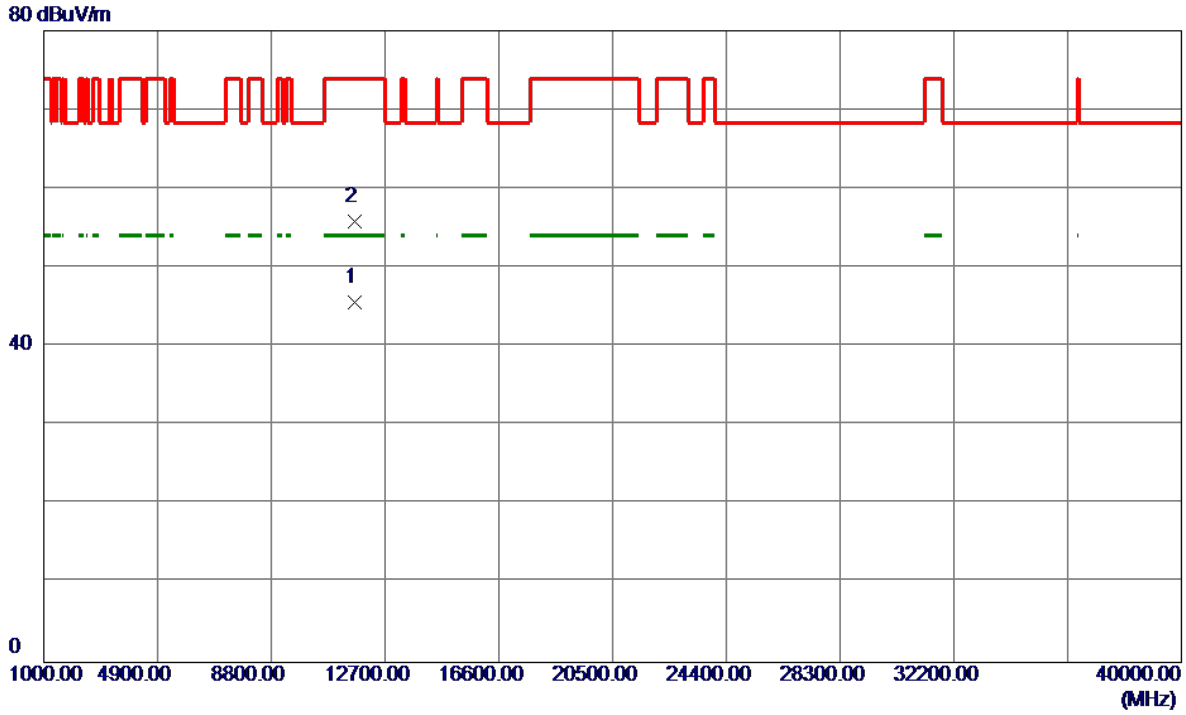
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.5000	53.68	42.05	95.73	122.20	-26.47	Peak	
2	5850.0000	16.60	42.16	58.76	122.20	-63.44	Peak	
3	5860.0000	10.66	42.19	52.85	109.40	-56.55	Peak	

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

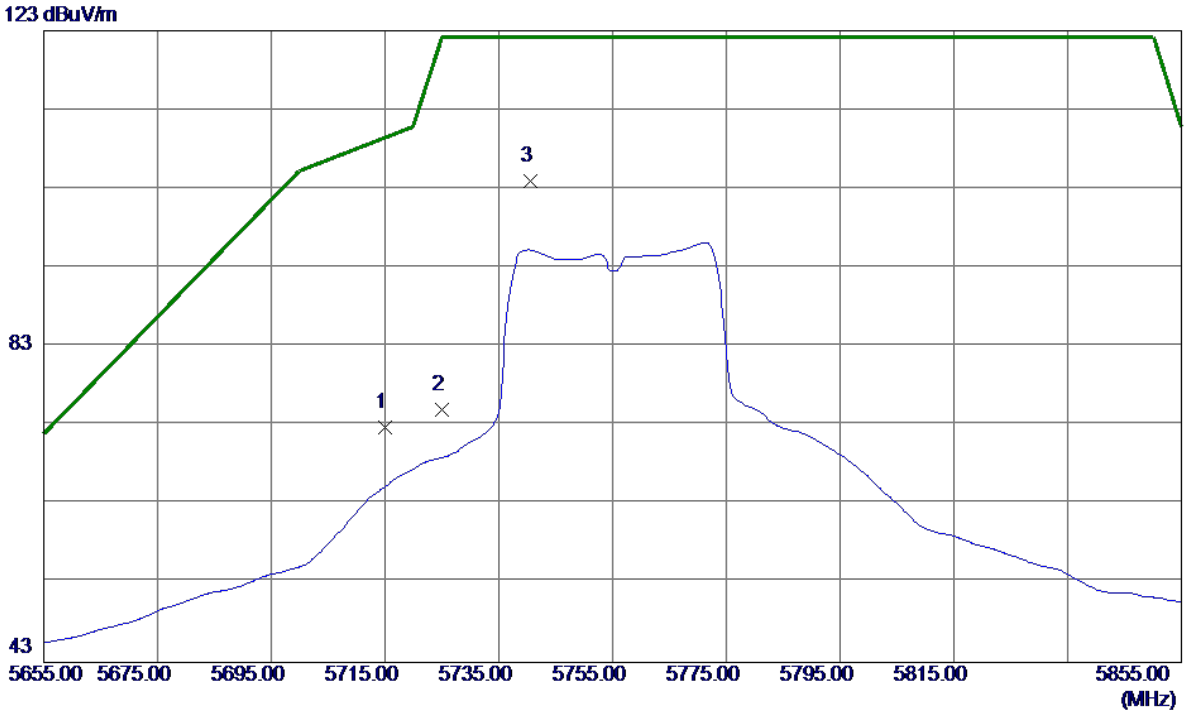
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.9000	28.28	17.25	45.53	54.00	-8.47	AVG	
2	11654.0500	38.61	17.26	55.87	74.00	-18.13	Peak	

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

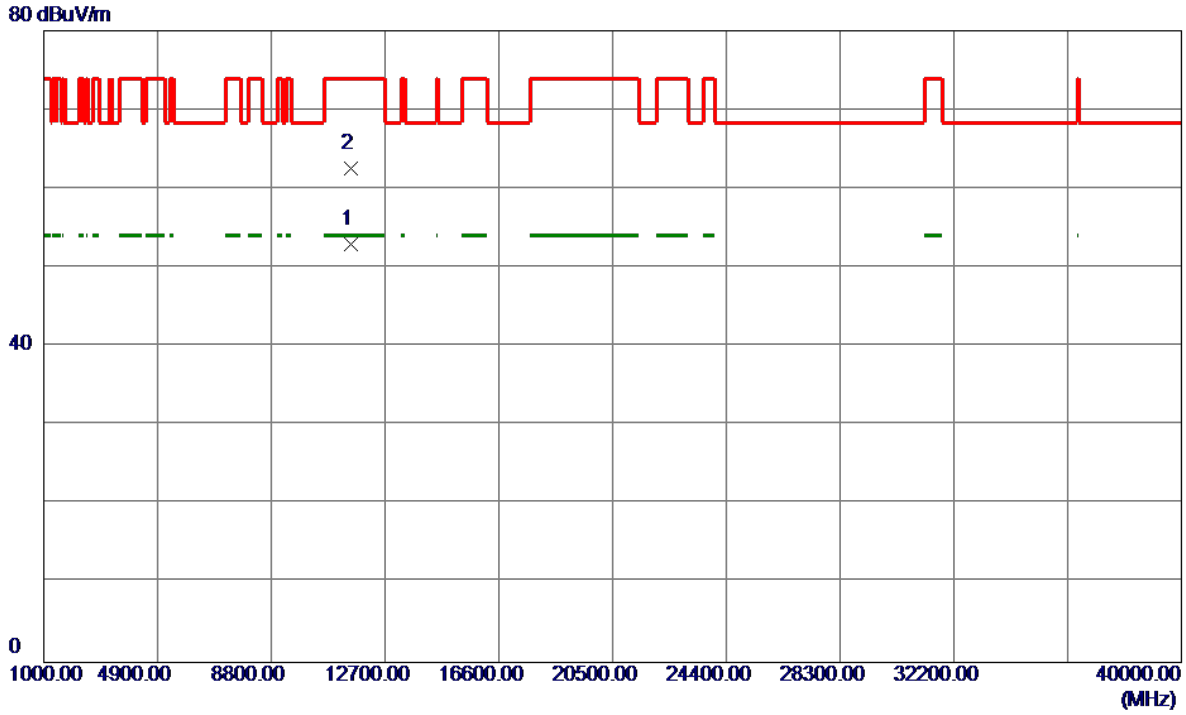
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	31.11	41.66	72.77	109.40	-36.63	Peak	
2	5725.0000	33.37	41.70	75.07	122.20	-47.13	Peak	
3 *	5740.6000	62.15	41.76	103.91	122.20	-18.29	Peak	

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

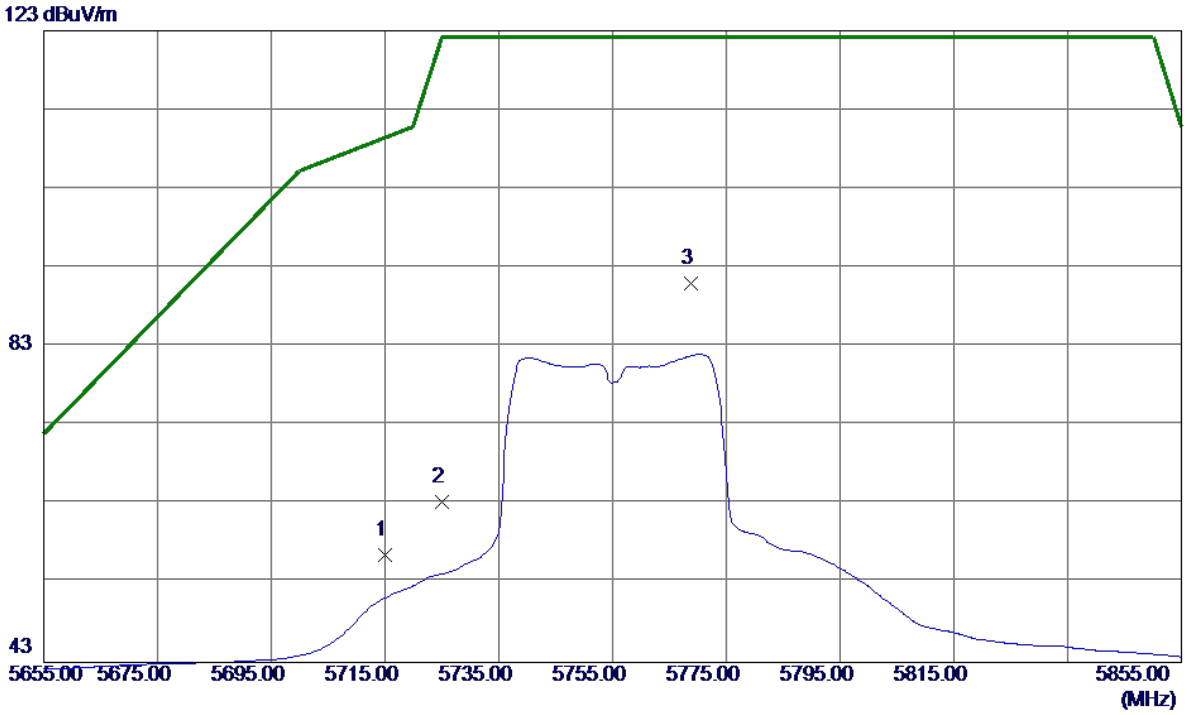
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11513.3500	35.86	17.03	52.89	54.00	-1.11	AVG	
2	11525.0000	45.44	17.05	62.49	74.00	-11.51	Peak	

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

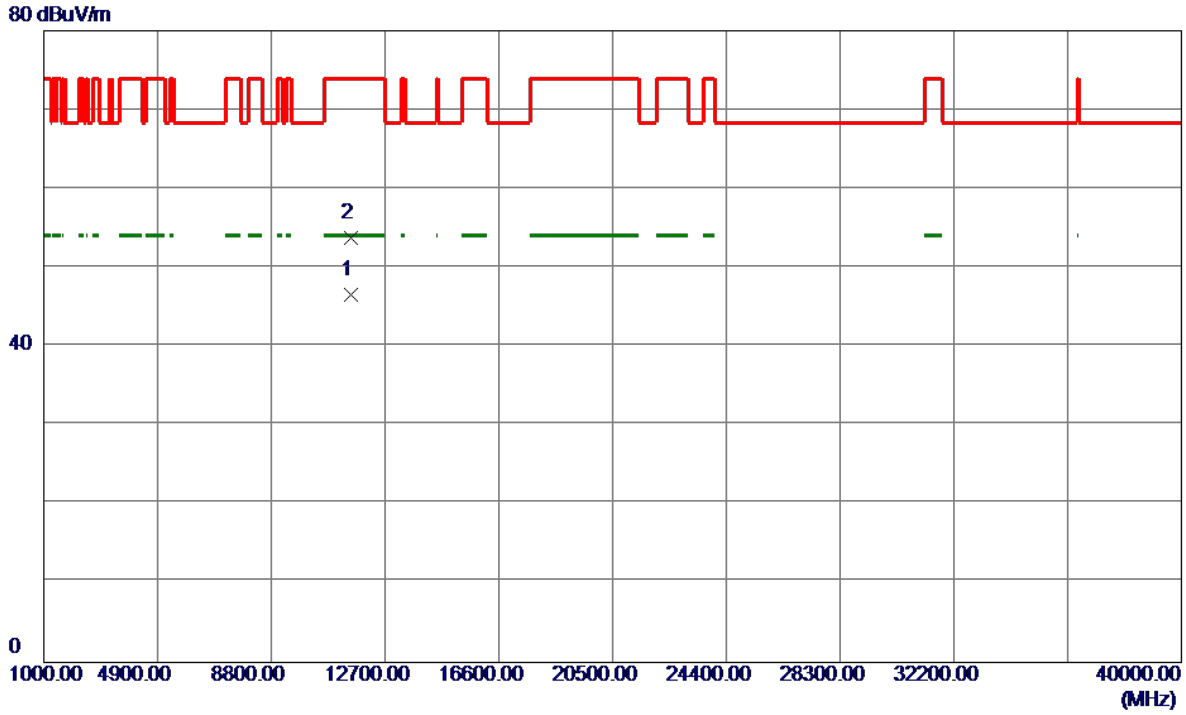
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	14.98	41.66	56.64	109.40	-52.76	Peak	
2	5725.0000	21.63	41.70	63.33	122.20	-58.87	Peak	
3 *	5768.8000	49.13	41.86	90.99	122.20	-31.21	Peak	

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

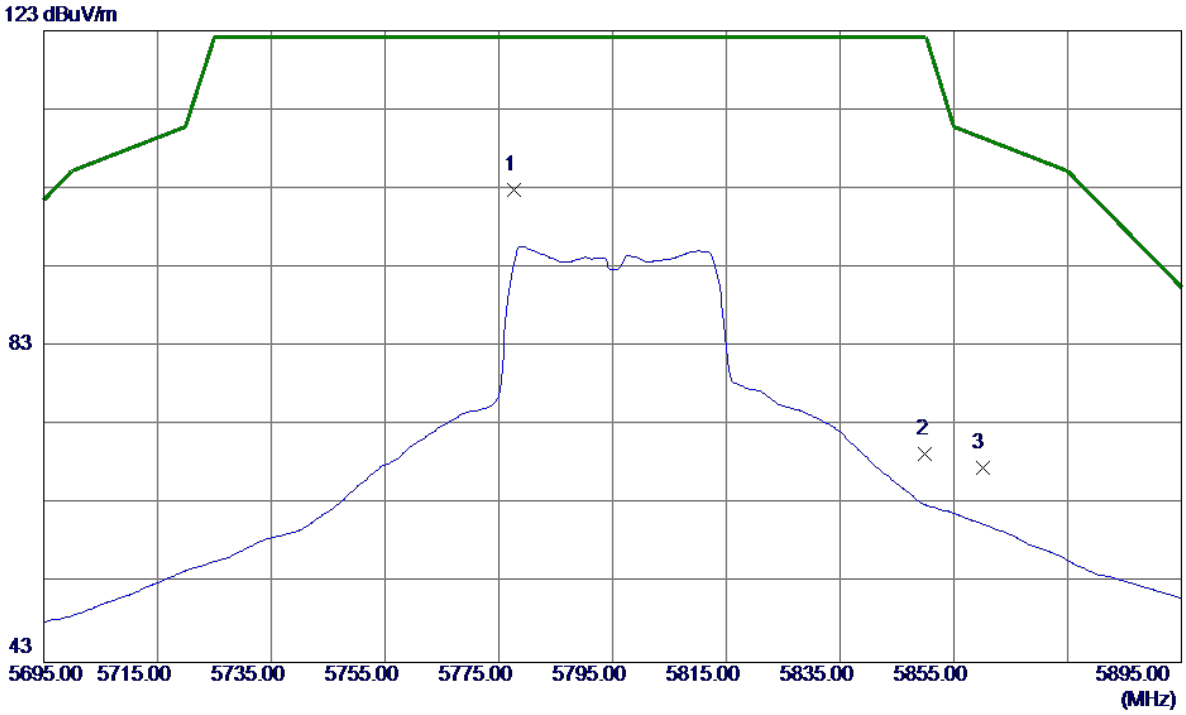
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11509.6000	29.52	17.03	46.55	54.00	-7.45	AVG	
2	11511.5500	36.79	17.03	53.82	74.00	-20.18	Peak	

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

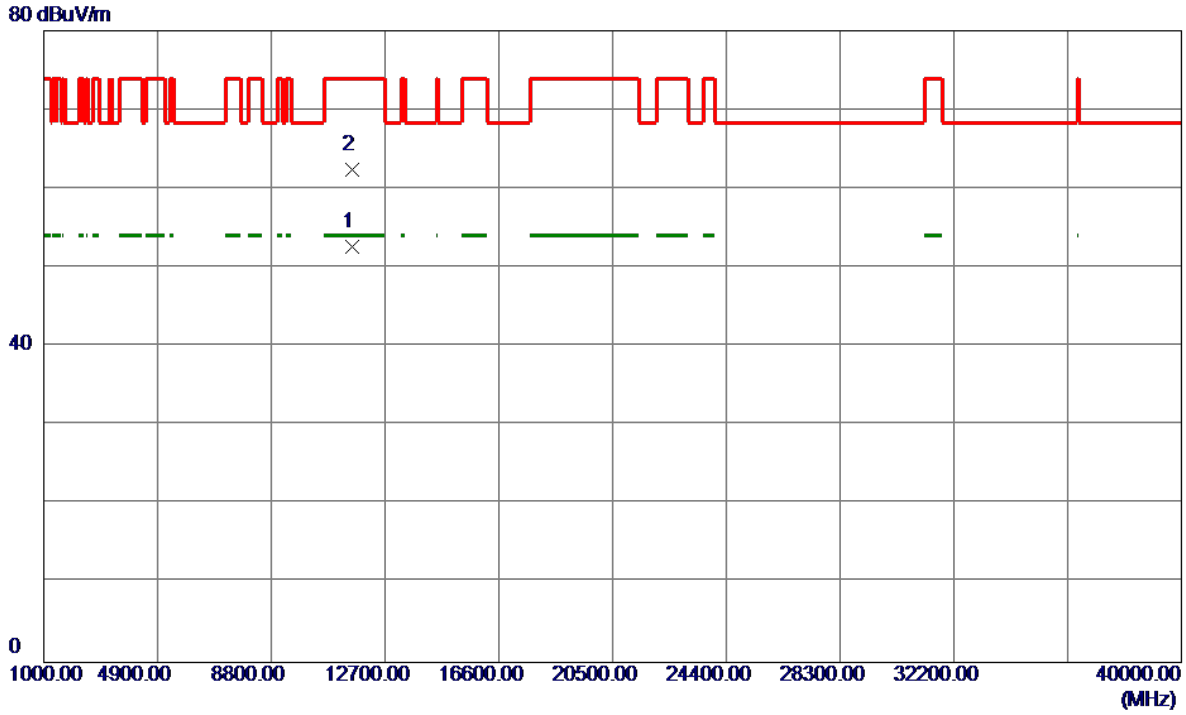
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5777.6000	60.99	41.89	102.88	122.20	-19.32	Peak	
2	5850.0000	27.24	42.16	69.40	122.20	-52.80	Peak	
3	5860.0000	25.44	42.19	67.63	109.40	-41.77	Peak	

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

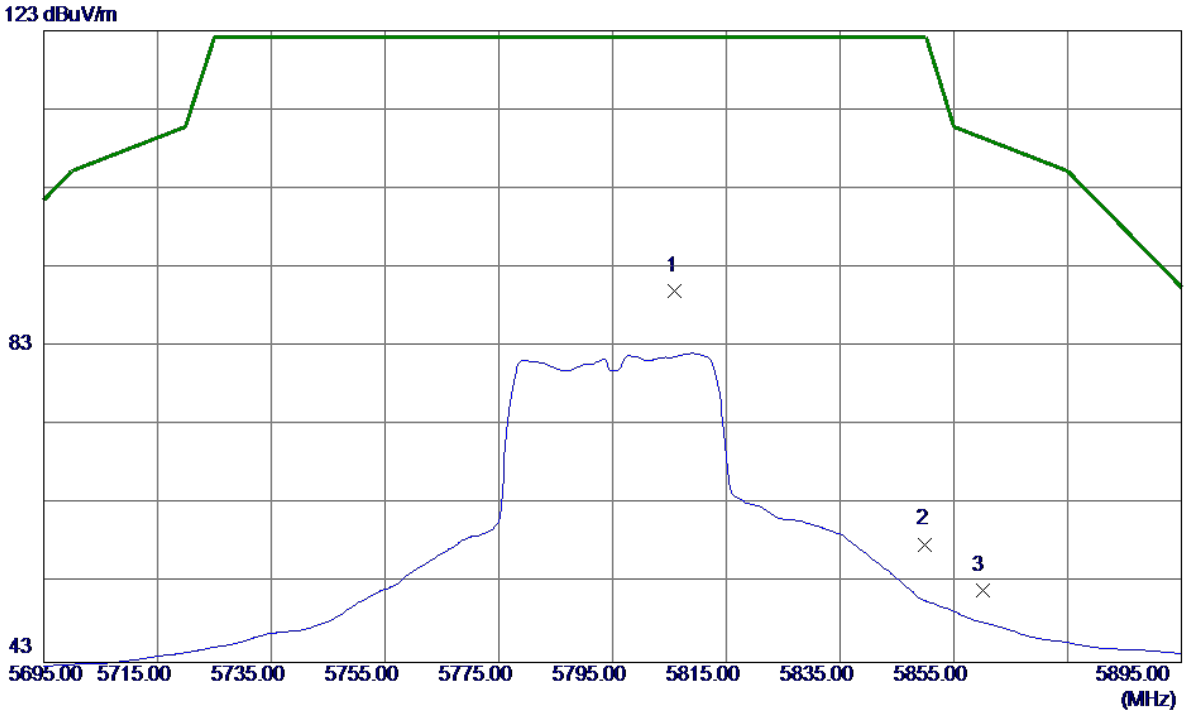
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11588.1000	35.55	17.15	52.70	54.00	-1.30	AVG	
2	11589.0500	45.29	17.15	62.44	74.00	-11.56	Peak	

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

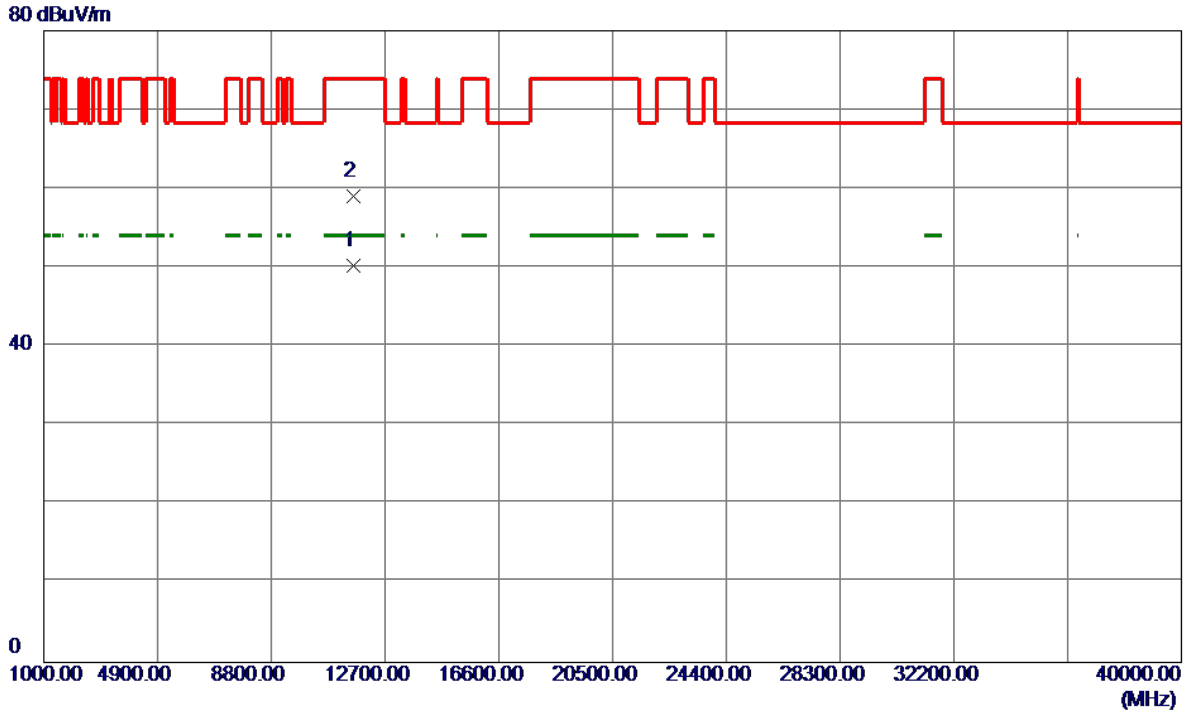
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5806.0000	48.06	42.00	90.06	122.20	-32.14	Peak	
2	5850.0000	15.80	42.16	57.96	122.20	-64.24	Peak	
3	5860.0000	9.95	42.19	52.14	109.40	-57.26	Peak	

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

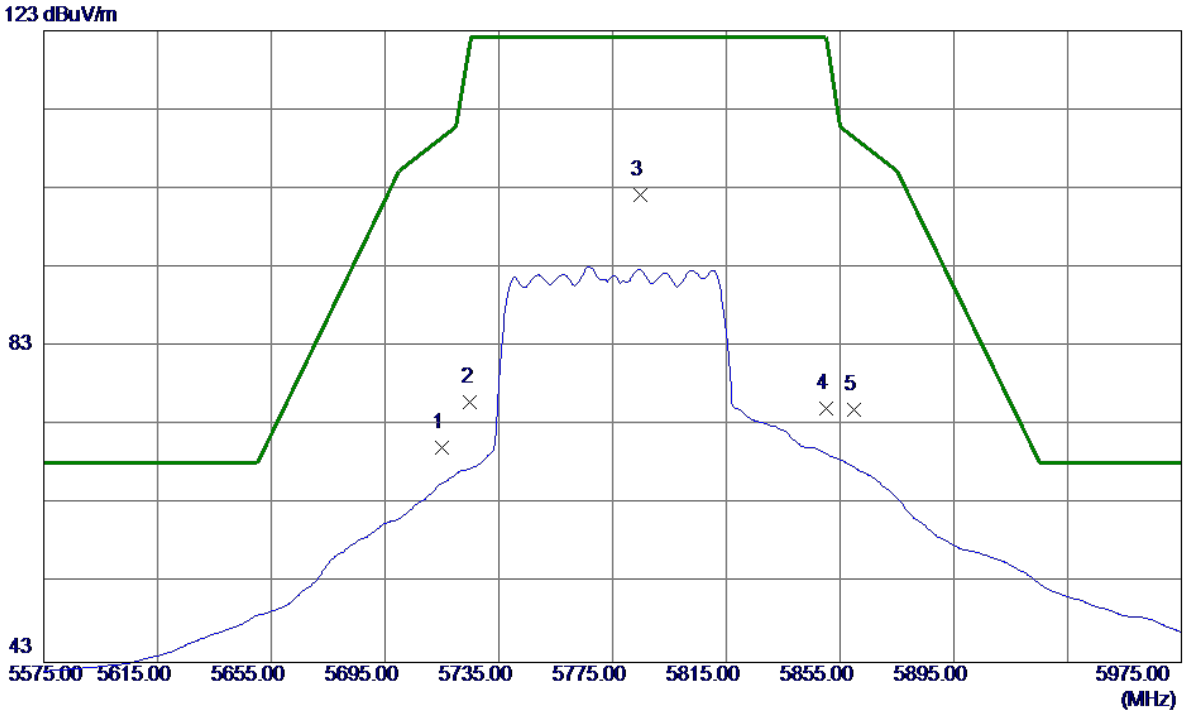
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11596.9500	33.02	17.17	50.19	54.00	-3.81	AVG	
2	11598.5000	41.87	17.17	59.04	74.00	-14.96	Peak	

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

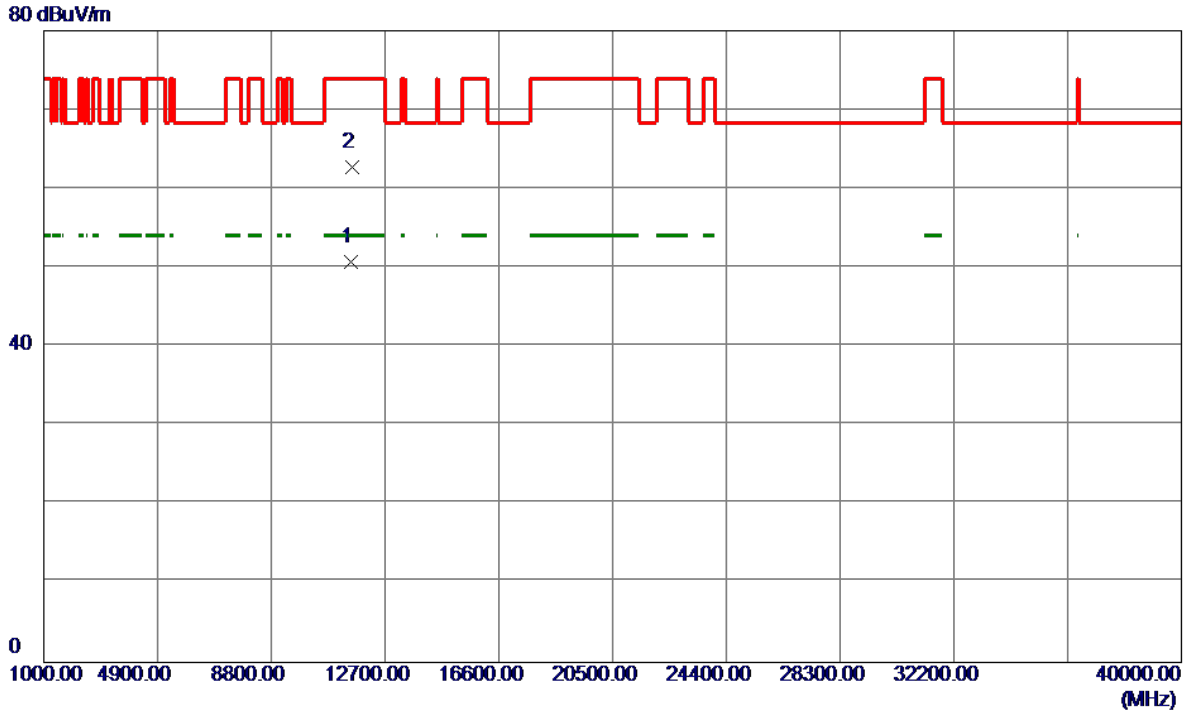
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	28.53	41.66	70.19	109.40	-39.21	Peak	
2	5725.0000	34.30	41.70	76.00	122.20	-46.20	Peak	
3 *	5784.6000	60.24	41.92	102.16	122.20	-20.04	Peak	
4	5850.0000	33.00	42.16	75.16	122.20	-47.04	Peak	
5	5860.0000	32.77	42.19	74.96	109.40	-34.44	Peak	

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

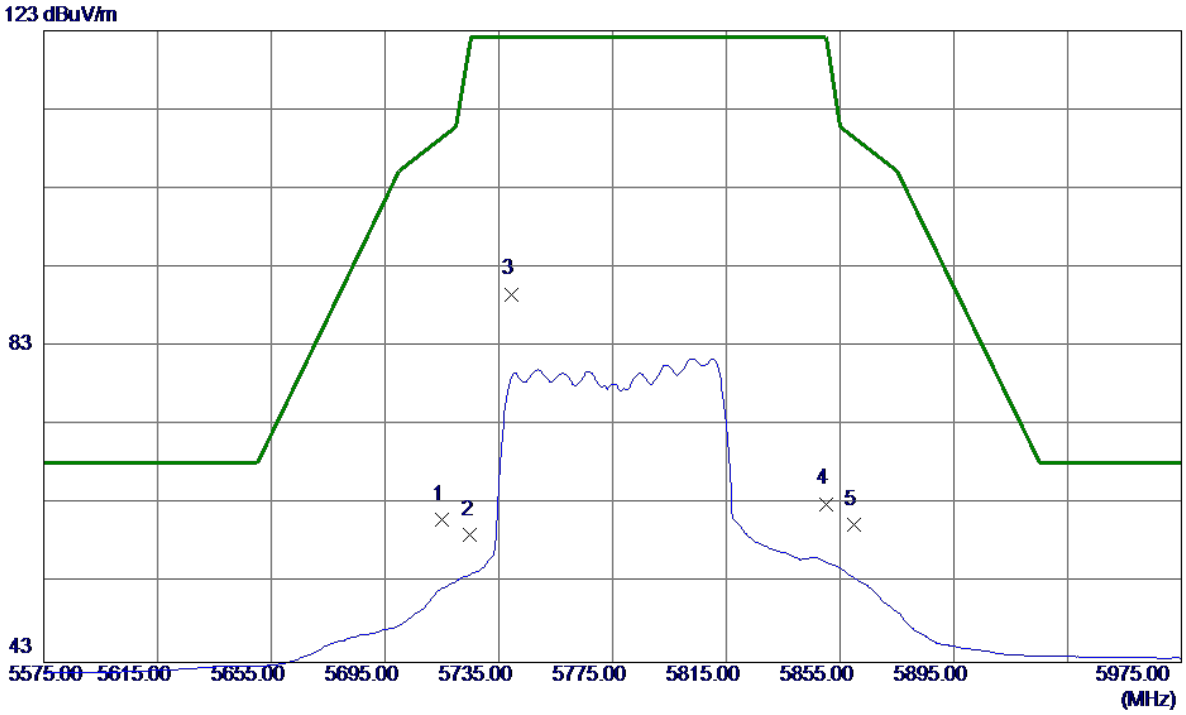
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11550.2200	33.60	17.09	50.69	54.00	-3.31	AVG	
2	11556.9800	45.60	17.10	62.70	74.00	-11.30	Peak	

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

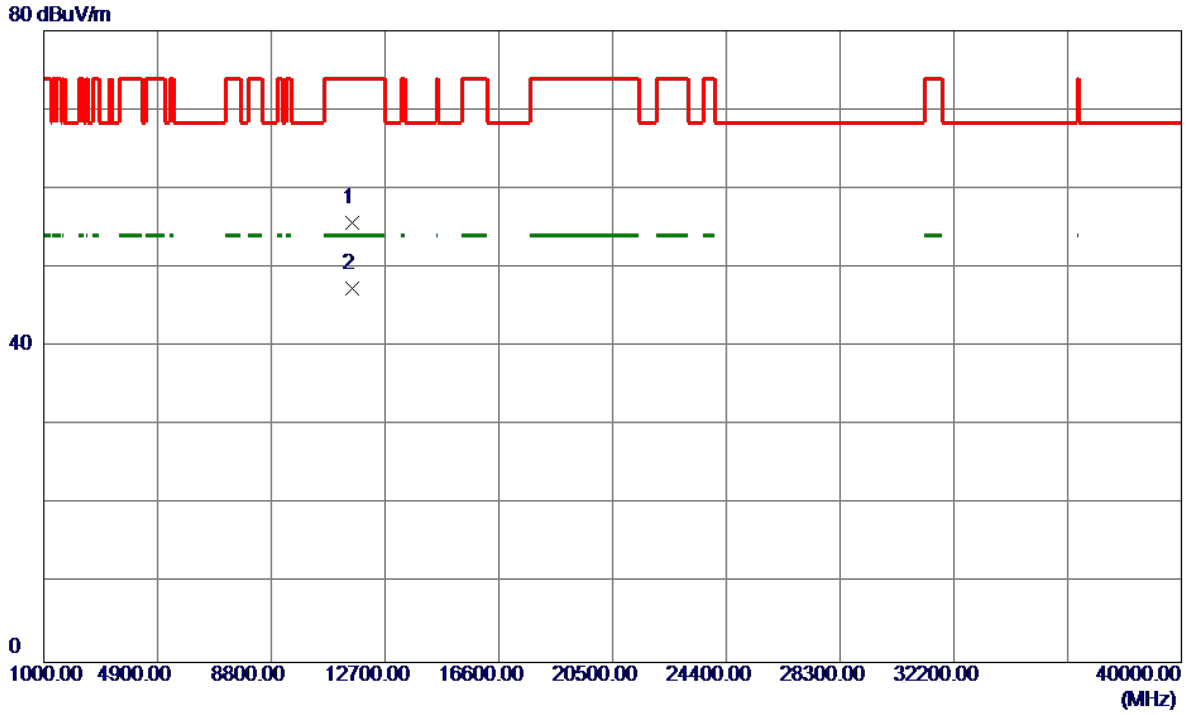
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	19.47	41.66	61.13	109.40	-48.27	Peak	
2	5725.0000	17.50	41.70	59.20	122.20	-63.00	Peak	
3 *	5739.4000	47.89	41.75	89.64	122.20	-32.56	Peak	
4	5850.0000	20.92	42.16	63.08	122.20	-59.12	Peak	
5	5860.0000	18.25	42.19	60.44	109.40	-48.96	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	11554.7000	38.57	17.10	55.67	74.00	-18.33	Peak	
2 *	11558.8500	30.31	17.11	47.42	54.00	-6.58	AVG	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

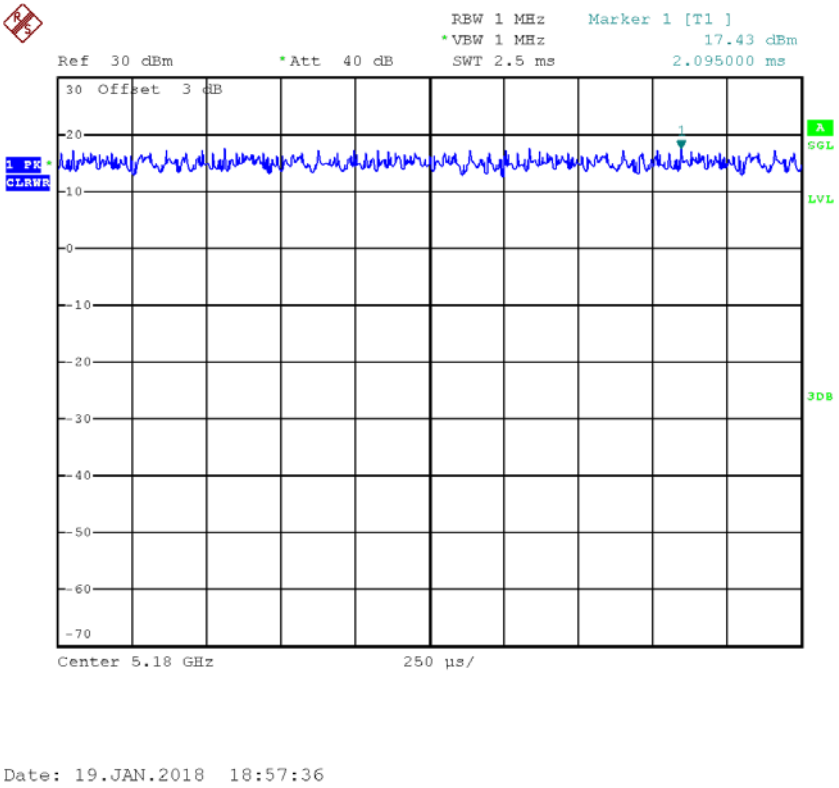
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

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}

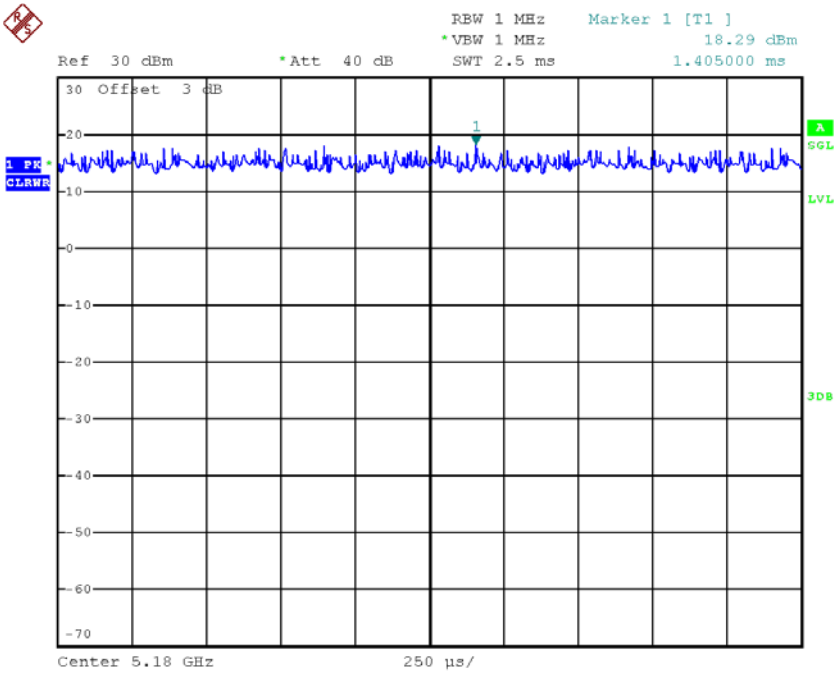
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



Date: 19.JAN.2018 18:57:51

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}

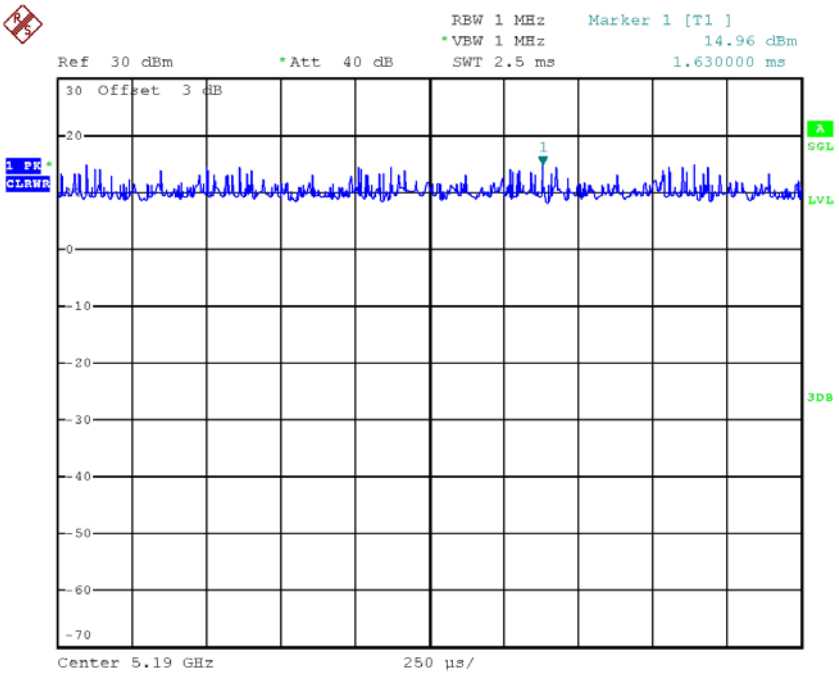
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

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}

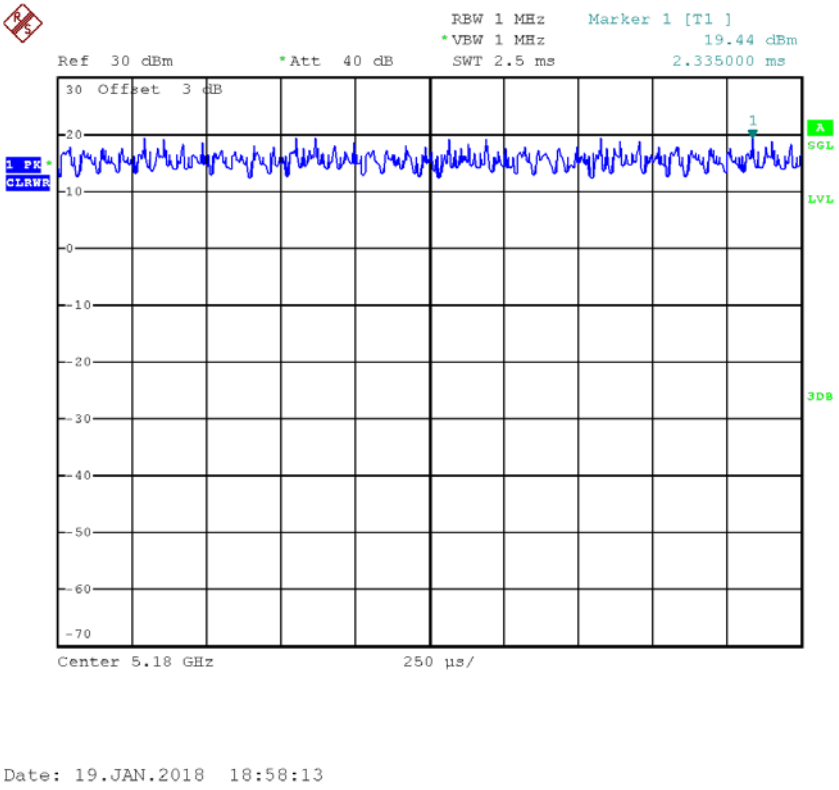
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

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}

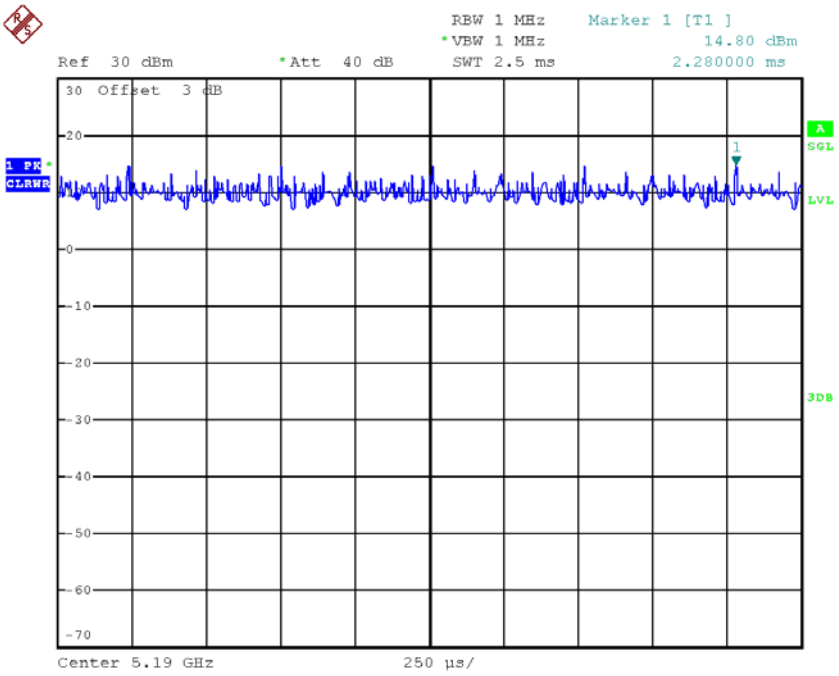
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.00



Date: 19.JAN.2018 18:59:01

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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

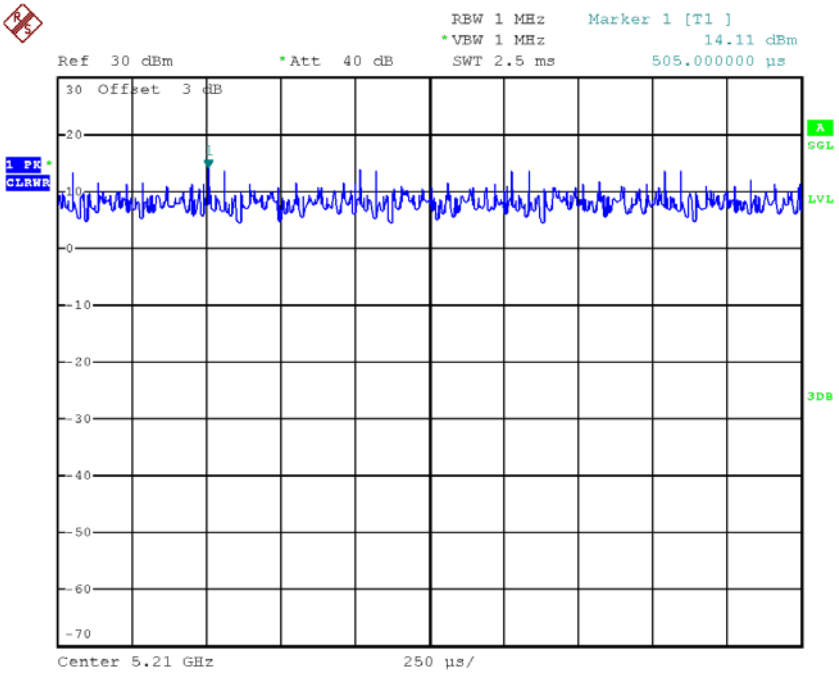
T_{ON}: 100000.00 msec

T_{Total}: 100000.00 msec

Duty cycle: 100.00%

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

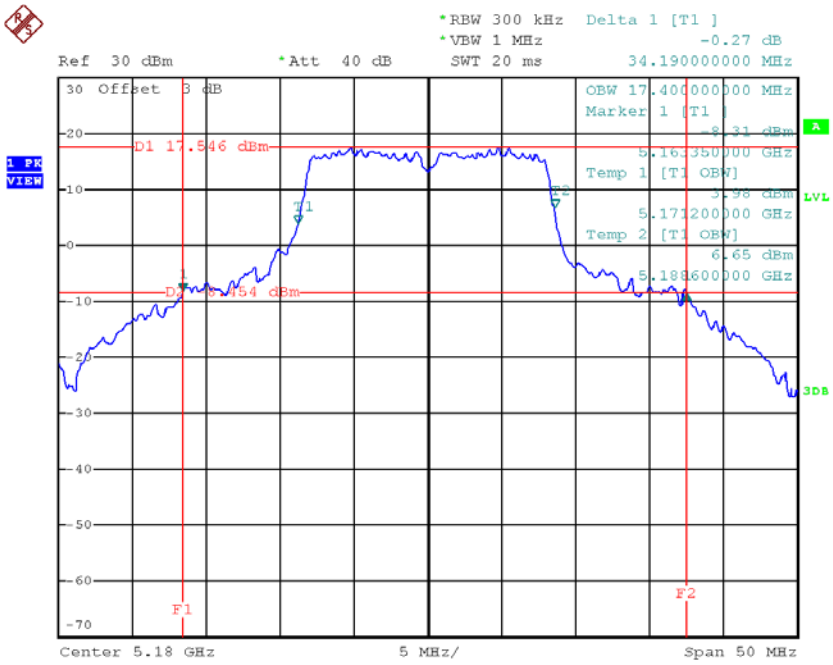
APPENDIX E - BANDWIDTH

Non-Beamforming

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

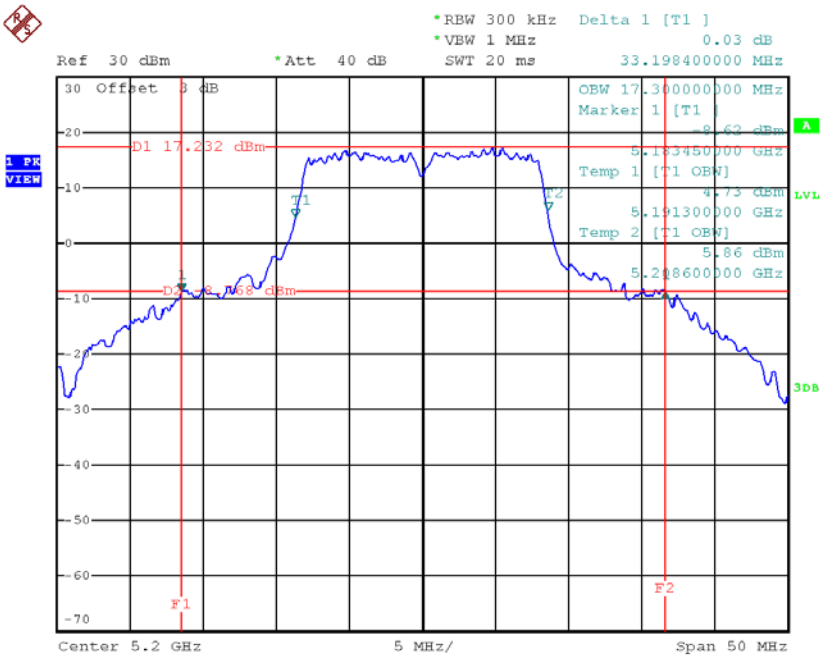
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	34.19	17.40
CH40	5200	33.20	17.30
CH48	5240	33.50	17.40

TX CH36



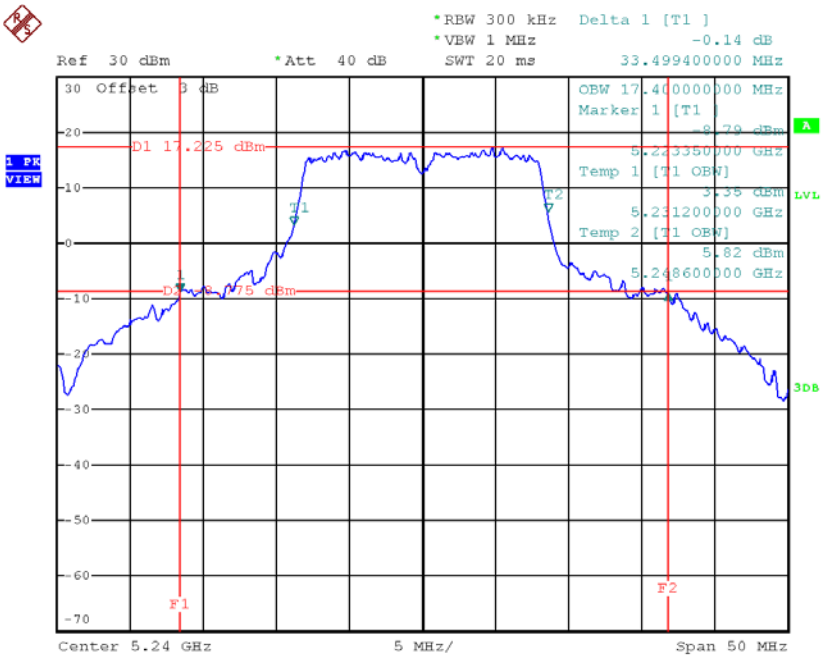
Date: 19.JAN.2018 16:49:03

TX CH40



Date: 19.JAN.2018 16:49:30

TX CH48

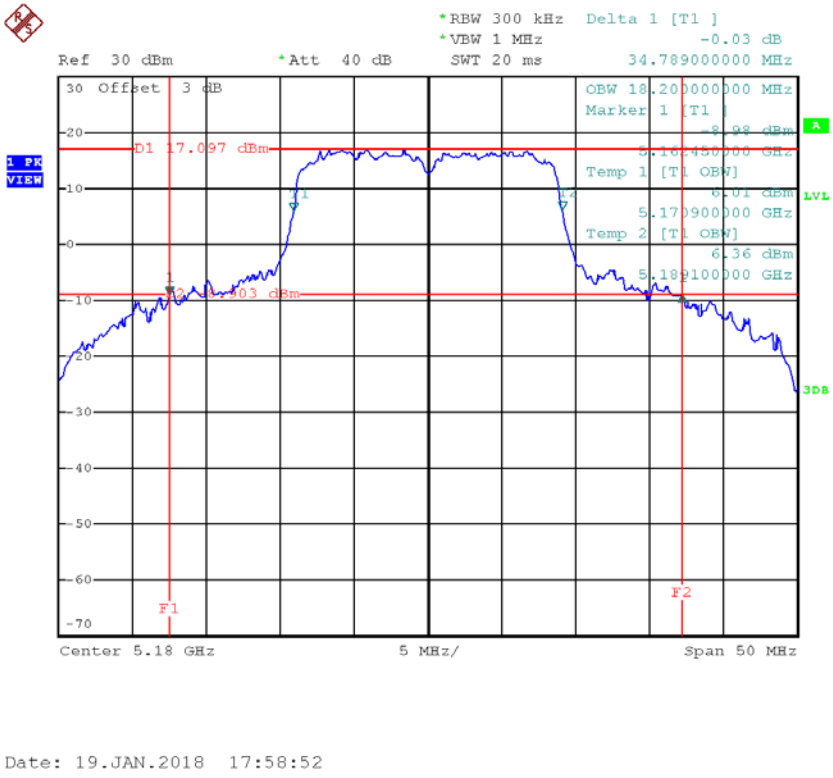


Date: 19.JAN.2018 16:49:58

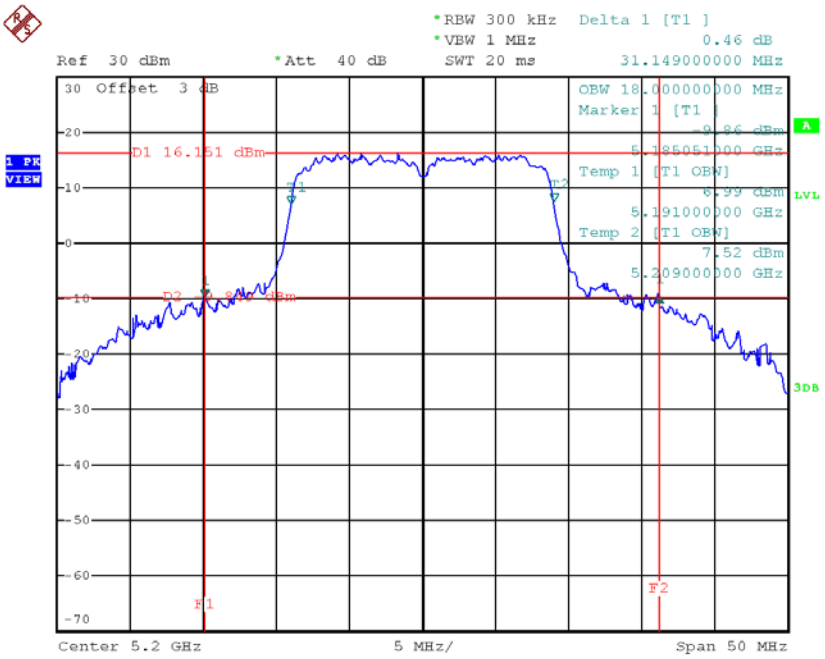
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	34.79	18.20
CH40	5200	31.15	18.00
CH48	5240	31.30	18.00

TX CH36

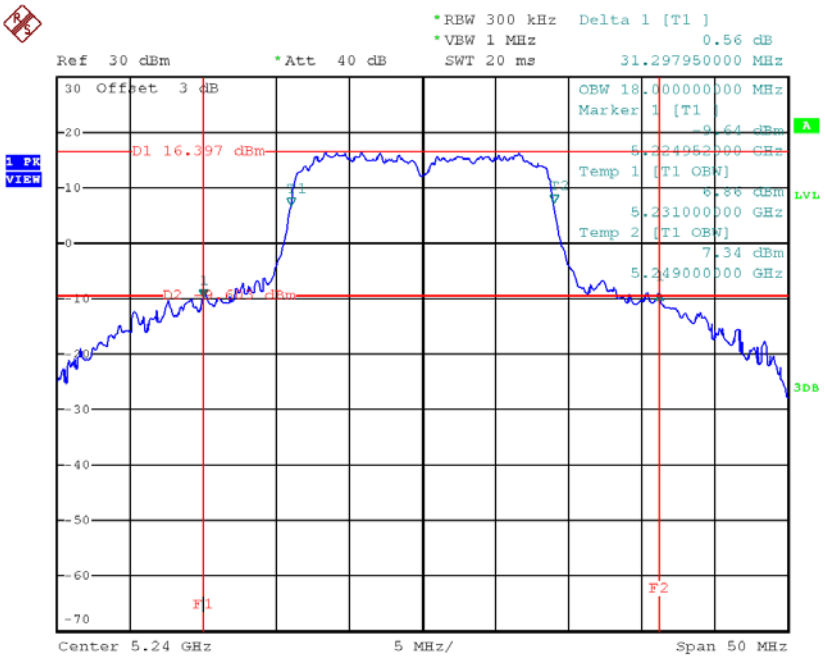


TX CH40



Date: 19.JAN.2018 18:00:47

TX CH48



Date: 19.JAN.2018 18:01:53

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

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	69.80	37.40
CH46	5230	91.20	48.80