FCC Radio Test Report

FCC ID: RRK-WMCAC15

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

Project No.	:	1805H003A
Equipment	:	Wifi Card
Test Model	:	WMC-AC15
Series Model	:	N/A
Applicant	:	Alpha
Address	:	No. 8, Li-shing 7th Road, Science-based Industrial Park, Hsinchu, Taiwan, R.O.C.

Date of Receipt	:	Aug. 29, 2018
Date of Test	:	Oct. 19, 2018~Oct. 31, 2018
Issued Date	:	NOV. 19,2018
Tested by	:	BTL Inc.

Testing Engineer : Roy Cai
(Roy Cai)

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(James Chiu)

Authorized Signatory : Vic Chiu
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Certificate # 5123.03

Declaration

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

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

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

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

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

Limitation

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

Table of Contents Page

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	

1. CERTIFICATION

Equipment	:	Wifi Card
Brand Name	:	Alpha
Test Model	:	WMC-AC15
Series Model	:	N/A
Applicant	:	Alpha
Date of Test	:	Oct. 19, 2018~Oct. 31, 2018
Test Sample	:	Engineering Sample No.: B180800106
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-2-1805H003A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO-17025 quality assessment standard and technical standard(s).

Test results included in this report is only for the WIFI 5GHz UNII-1, UNII-3 part Beamforming 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)	Spectrum Bandwidth	PASS	
15.407(a)	Maximum 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. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210,China
BTL's test firm number for FCC: 598276
BTL's designation number for FCC: CN5032

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)
SH-C01	CISPR	150 kHz ~ 30 MHz	2.70

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
SH-CB01	CISPR	9 kHz~30 MHz	V	3.79
		9 kHz~30 MHz	H	3.57
		30 MHz~200 MHz	V	4.04
		30 MHz~200 MHz	H	3.76
		200 MHz~1,000 MHz	V	4.24
		200 MHz~1,000 MHz	H	3.84
		1 GHz~18 GHz	V	4.46
		1 GHz~18 GHz	H	4.40
		18 GHz~40 GHz	V	3.95
		18 GHz~40 GHz	H	3.95

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	Wifi Card	
Brand Name	Alpha	
Test Model	WMC-AC15	
Series Model	N/A	
Model Difference(s)	N/A	
Product Description	Operation Frequency	UNII-1: 5150 MHz~5250 MHz UNII-3: 5725 MHz~5850 MHz
	Modulation Type	OFDM,BPSK,QPSK,16-QAM,64-QAM,256-QAM
	Bit Rate of Transmitter	802.11a:54/48/36/24/18/12/9/6 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 867 Mbps
Output Power	Output Power (Max.)for UNII-1 Beamforming	802.11a: 25.43dBm 802.11n (20M): 25.44dBm 802.11n (40M): 22.00dBm 802.11ac (20M): 25.92dBm 802.11ac (40M): 22.04dBm 802.11ac (80M): 15.80dBm
	Output Power (Max.)for UNII-3 Beamforming	802.11a: 26.18dBm 802.11n (20M): 25.56dBm 802.11n (40M): 25.78dBm 802.11ac (20M): 26.72dBm 802.11ac (40M): 25.58dBm 802.11ac (80M): 22.03dBm
Power Source	DC voltage supplied from AC Adapter(Support unit).	
Power Rating	I/P: 100-240V~50/60Hz 0.5A O/P: 5 V⎓2A	

Note:

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

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	CIU ANTENNE WIFI DUAL A01	296242441	PCB	N/A	-2	N/A
2	CIU ANTENNE WIFI DUAL A01	296242441	PCB	N/A	-2	N/A

Note:

(1) This EUT supports MIMO 2X2, any transmit signals are correlated with each other and the Beamforming Gain is 3.0dBi,so Directional gain = 3+(-2)=1.

4.

Operating Mode / TX Mode	2TX
802.11a	V (ANT 1+ANT 2)
802.11n (20 MHz)	V (ANT 1+ANT 2)
802.11n (40 MHz)	V (ANT 1+ANT 2)
802.11ac (20 MHz)	V (ANT 1+ANT 2)
802.11ac (40 MHz)	V (ANT 1+ANT 2)
802.11ac (80 MHz)	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 30 MHz to 1000 MHz test, the 802.11a mode is found to be the worst case and recorded.

(2) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%..

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

Beamforming

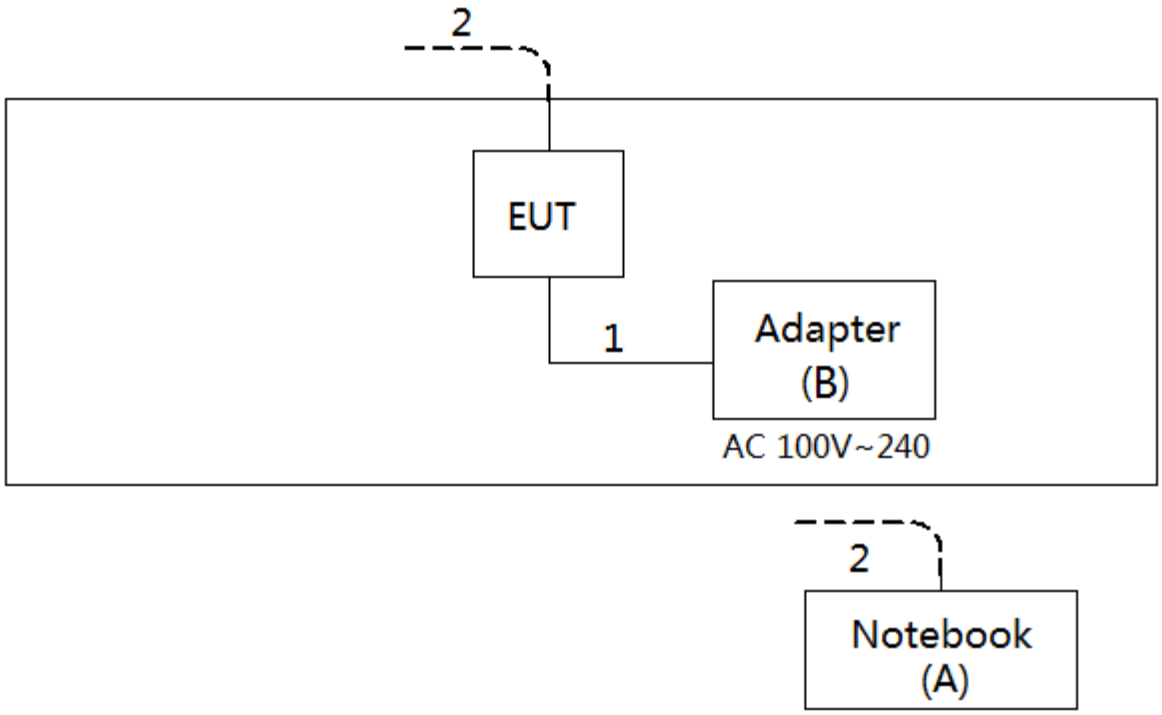
UNII-1			
Test Software Version	MP_TEST		
Frequency (MHz)	5180	5200	5240
A Mode	30/29	39/38	63/63
Frequency (MHz)	5180	5200	5240
N20 Mode	28/27	37/36	63/63
Frequency (MHz)	5190	5230	
N40 Mode	21/19	32/30	

UNII-3			
Test Software Version	MP_TEST		
Frequency (MHz)	5745	5785	5825
A Mode	63/63	63/63	63/63
Frequency (MHz)	5745	5785	5825
N20 Mode	63/63	63/63	63/63
Frequency (MHz)	5755	5795	
N40 Mode	38/38	45/45	

UNII-1			
Test Software Version	MP_TEST		
Frequency (MHz)	5180	5200	5240
AC20 Mode	29/27	38/36	63/63
Frequency (MHz)	5190	5230	
AC40 Mode	24/22	32/30	
Frequency (MHz)	5210		
AC80 Mode	19/17		

UNII-3			
Test Software Version	MP_TEST		
Frequency (MHz)	5745	5785	5825
AC20 Mode	63/63	63/63	63/63
Frequency (MHz)	5755	5795	
AC40 Mode	38/38	45/45	
Frequency (MHz)	5775		
AC80 Mode	27/26		

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	ThinkPad	20H3-A00VCD	DOC	PF-0S8287
B	Adapter	D-Link	AMS135-0502000FU	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	0.4m	DC Cable
2	NO	NO	10m	RJ45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.50	66to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

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

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

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

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 equipment 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.

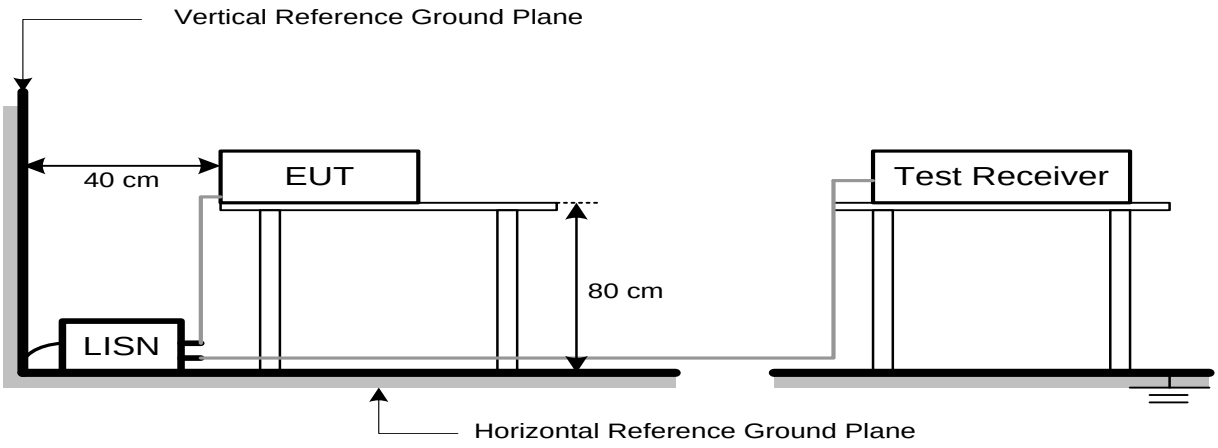
d. LISN at least 80 cm from nearest part of EUT chassis.

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: 23°C Relative Humidity: 50% 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 150 kHz to 30 MHz。

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

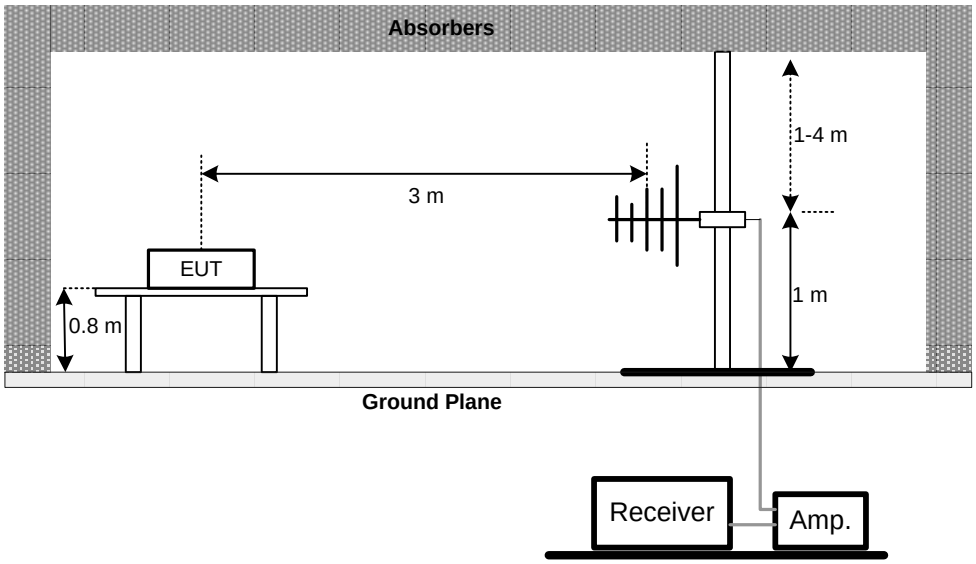
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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 1 GHz.
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 1 GHz)
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 1 GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

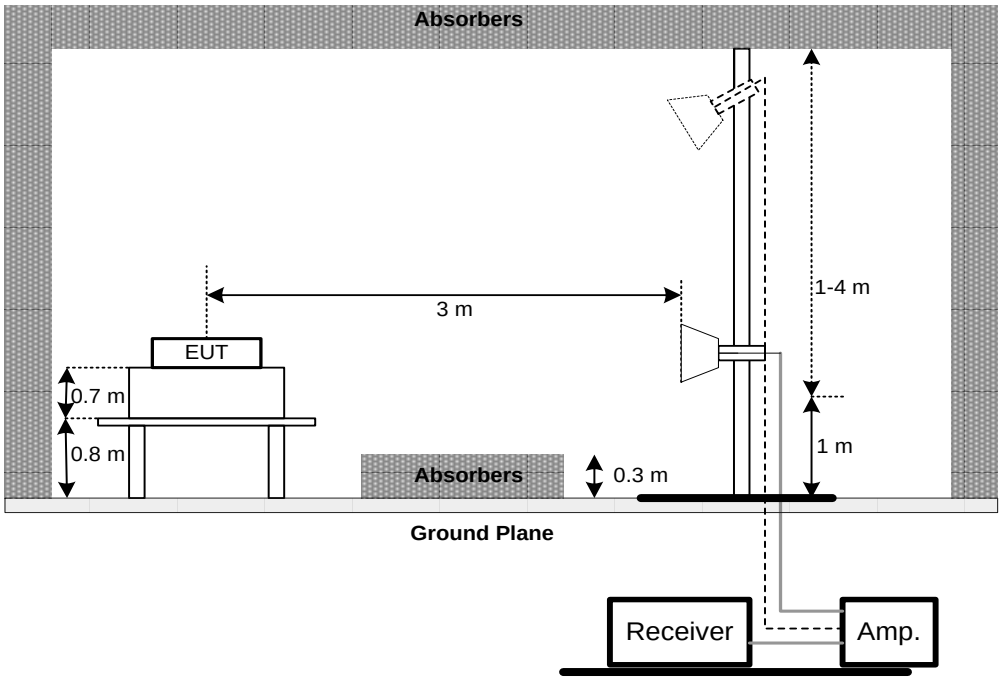
No deviation

4.2.4 TEST SETUP

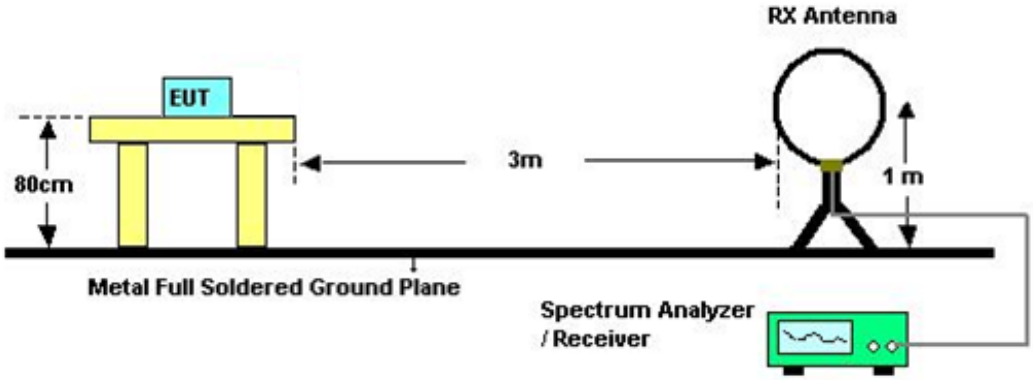
(A)Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



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



(C) Radiated emissions below 30 MHz



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: 20.8°C Relative Humidity: 43% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9 kHz TO 30 MHz)

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 (30 MHz 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. 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 6 dB 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.

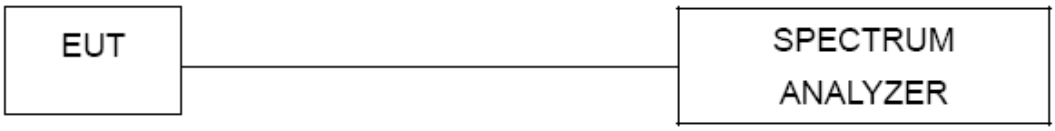
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26 dB Bandwidth
RBW	300 kHz(Bandwidth 20 MHz) 1 MHz(Bandwidth 40 MHz and 80 MHz)
VBW	1 MHz(Bandwidth 20 MHz) 3 MHz(Bandwidth 40 MHz and 80 MHz)
Span Frequency	6 dB Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26 dB 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: 22°C Relative Humidity: 43.5% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Maximum Output Power	Fixed:1 Watt (30 dBm)	5150-5250	PASS
	Mobile and portable: 250 mW (24 dBm)	5150-5250	PASS
	1 Watt (30 dBm)	5725-5850	PASS
Note: For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).			

6.1.1 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Used spectrum analyzer band power measurement function.
c.

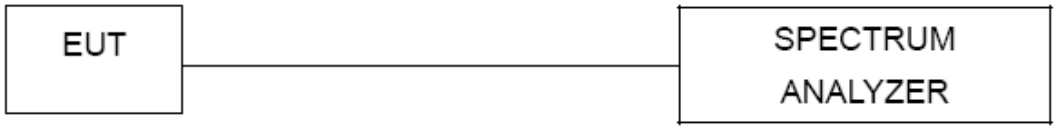
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz.
VBW	≥ 3 MHz.
Sweep points	≥ 2 x span / RBW
Detector	RMS
Trace	Trace average at least 100 traces in power averaging(rms) mode.
Sweep Time	auto

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: 22.5°C Relative Humidity: 46% 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: 17 dBm/MHz	5150-5250	PASS
	Mobile and portable:11 dBm/MHz	5150-5250	PASS
	30 dBm/500kHz	5725-5850	PASS

7.1.1 TEST PROCEDURE

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

b.

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

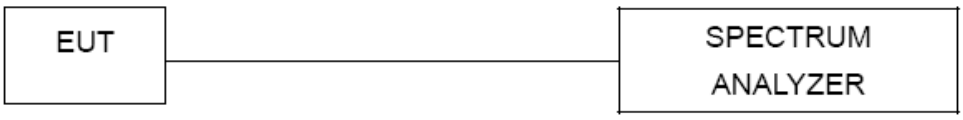
Note:

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 1 MHz and VBW at 3 MHz if the spectrum analyzer does not have 500 kHz RBW.
2. The value measured with RBW=1 MHz is to be added with 10log(500 kHz/1 MHz) which is -3 dB. For example, if the measured value is +10dBm using RBW=1 MHz (that is +10 dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

Temperature: 23.6°C Relative Humidity: 44.5% Test Voltage: AC 120V/60Hz

7.1.6 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

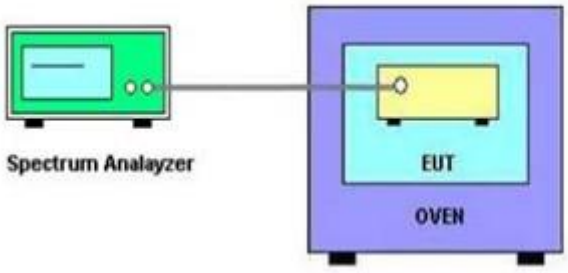
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -10°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

Temperature: 23.7°C Relative Humidity: 53.2% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Line Impedance Stabilisation Network	Schwarzbeck	NNLK 8121	8121-822	Mar. 30, 2019
2	TWO-LINE V-NETWORK	R&S	ENV216	101340	Jan. 17, 2019
3	EMI Test Receiver	R&S	ESCI	100082	Mar. 30, 2019
4	50Ω coaxial switch	Anritsu	MP59B	6201750902	Jul. 17, 2019
5	Cable	10m	EMCRG400-BM-NM-10000	170628	Jun. 10, 2019
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement - 9KHZ TO 30MHZ					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EMCI	EMCI LPA600	275	Mar. 31, 2019
2	Cable	N/A	EMCRG400-BM-NM-10000	170628	Jun. 10, 2019
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 30, 2019
4	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	N/A	N/A

Radiated Emission Measurement - 30MHZ TO 1000MHZ					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	719	Mar. 30, 2019
2	Pre-Amplifier	emci	EMC9135	980400	Mar. 30, 2019
3	MXE EMI Receiver	Keysight	N9038A	MY57150106	Mar. 30, 2019
4	Attenuator	emci	EMCI-N-6-06	AT-N0644	Mar. 30, 2019
5	Cable	7m	EMC104-SM-SM-7000	170330	Jun. 10, 2019
6	Cable	1m	EMC104-SM-SM-1000	170331	Jun. 10, 2019
7	Cable	3.5m	EMC104-SM-NM-3500	170621	Jun. 10, 2019
8	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	N/A	N/A

Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double-Ridged Waveguide Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1787	Mar. 30, 2019
2	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3116C	00203919	Mar. 30, 2019
3	Pre-Amplifier	emci	EMC012645SE	980421	Mar. 30, 2019
4	Pre-Amplifier	emci	EMC184045SE	980409	Mar. 30, 2019
5	EXA Spectrum Analyzer	Keysight	N9010A	MY56480559	Mar. 30, 2019
6	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 30, 2019
7	Cable	7m	EMC104-SM-SM-7000	170330	Jun. 10, 2019
8	Cable	1m	EMC104-SM-SM-1000	170331	Jun. 10, 2019
9	Cable	3.5m	EMC104-SM-NM-3500	170621	Jun. 10, 2019
10	Cable	0.8m	EMC102-SM-SM-800	170335	Jun. 10, 2019
11	Cable	6m	EMC102-SM-SM-6000	170336	Jun. 10, 2019
12	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	100626	Mar. 31, 2019

Maximum Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 31, 2019

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 31, 2019

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100626	Mar. 31, 2019
2	Temperature And Humidity Box	Blue pand	BPHS-120B	170616454	Nov. 10, 2019

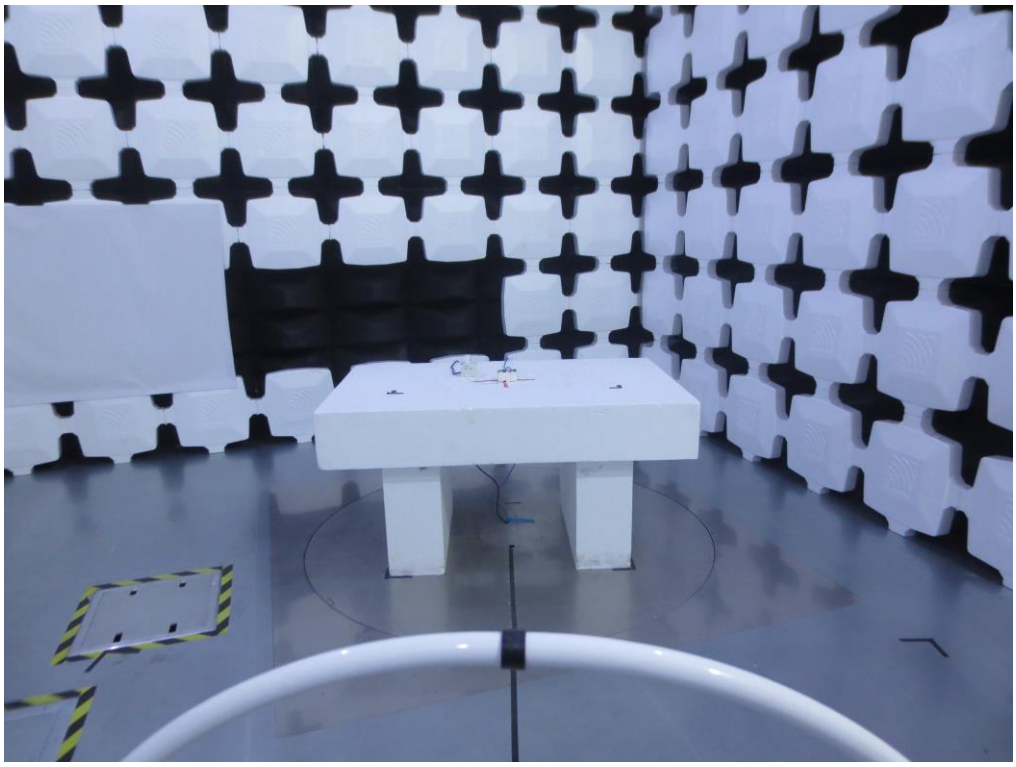
Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

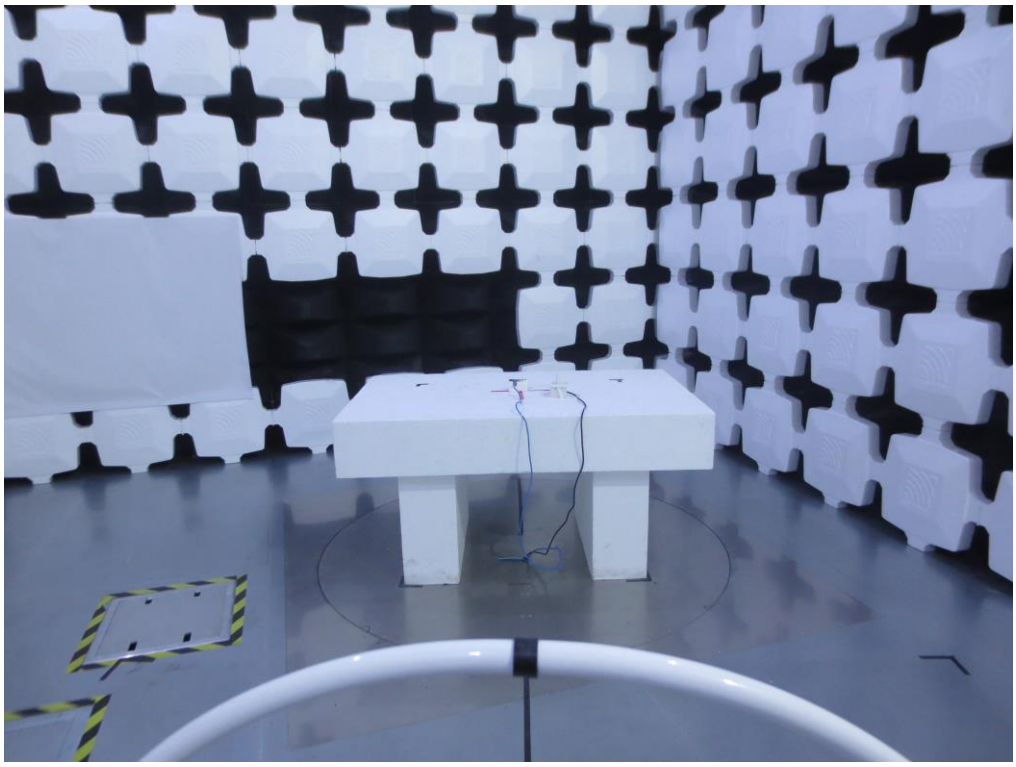
10. EUT TEST PHOTOS

Conducted Measurement Photos

Radiated Measurement Photos

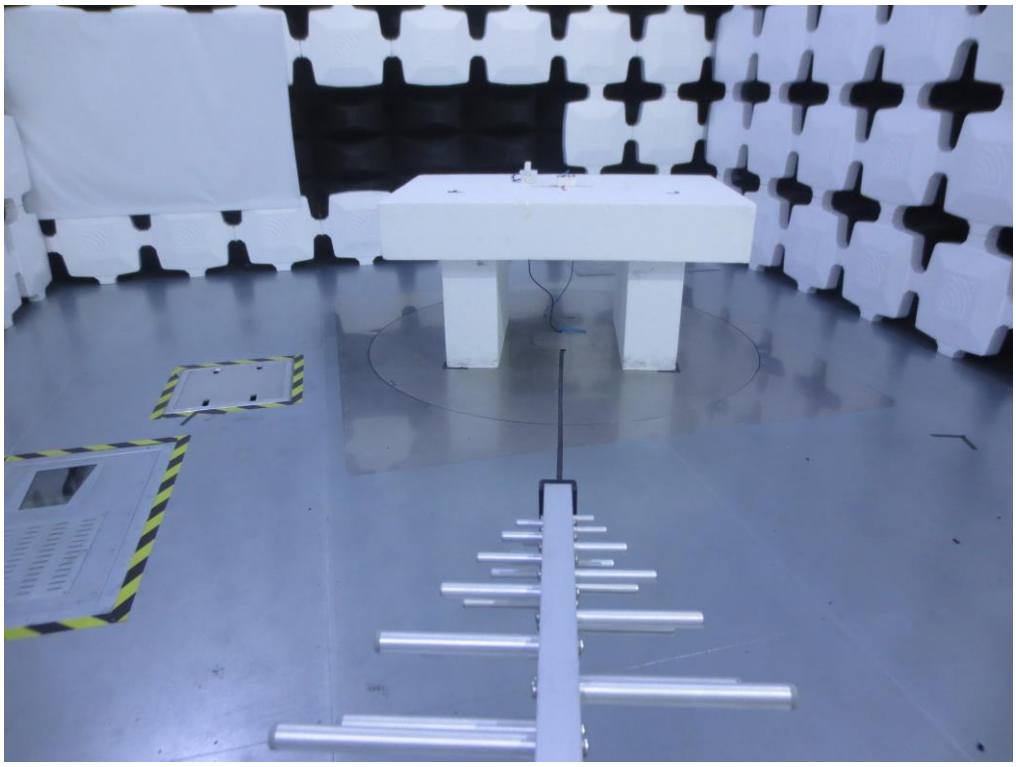
9 kHz to 30 MHz

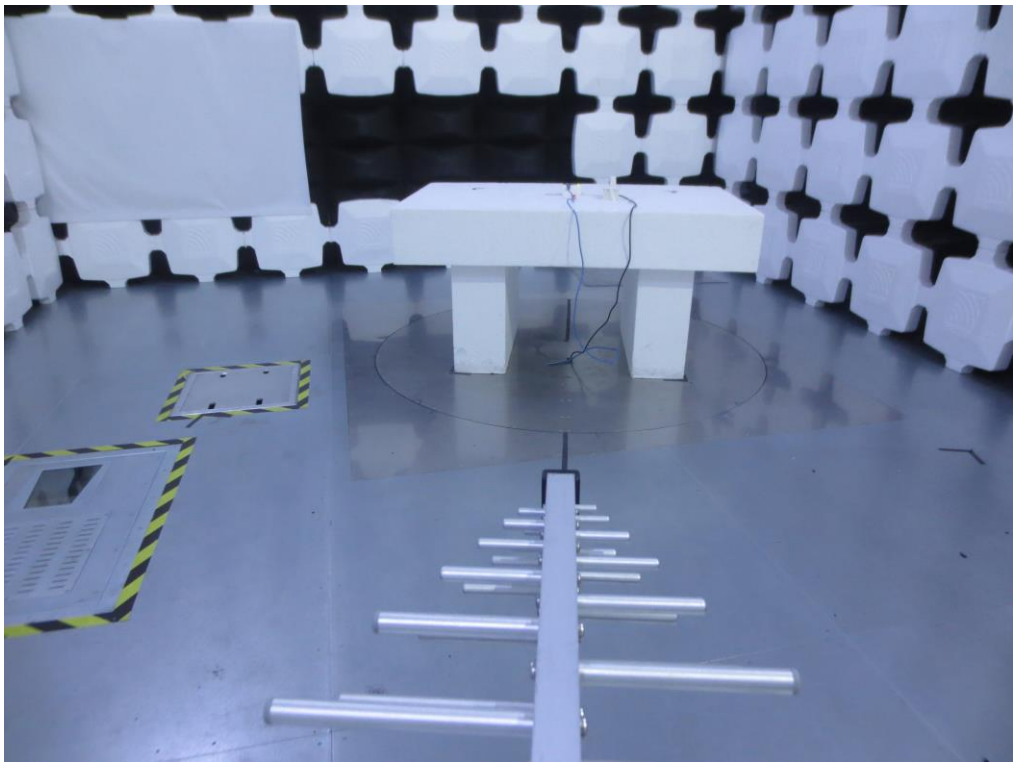




Radiated Measurement Photos

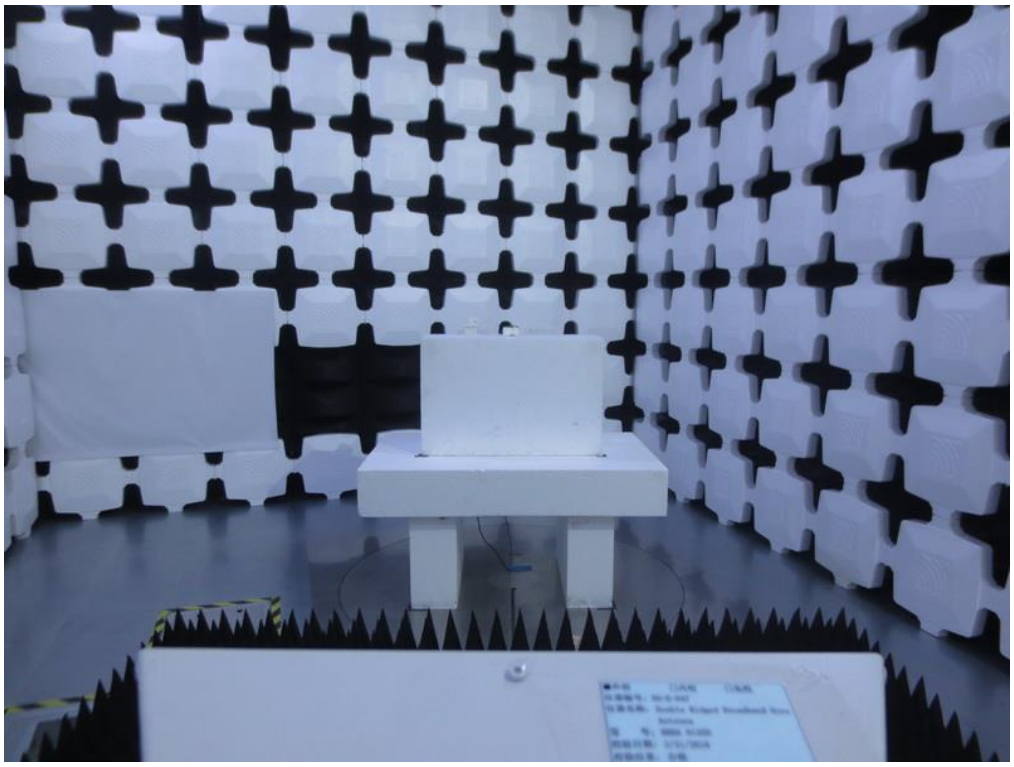
30 MHz to 1000 MHz

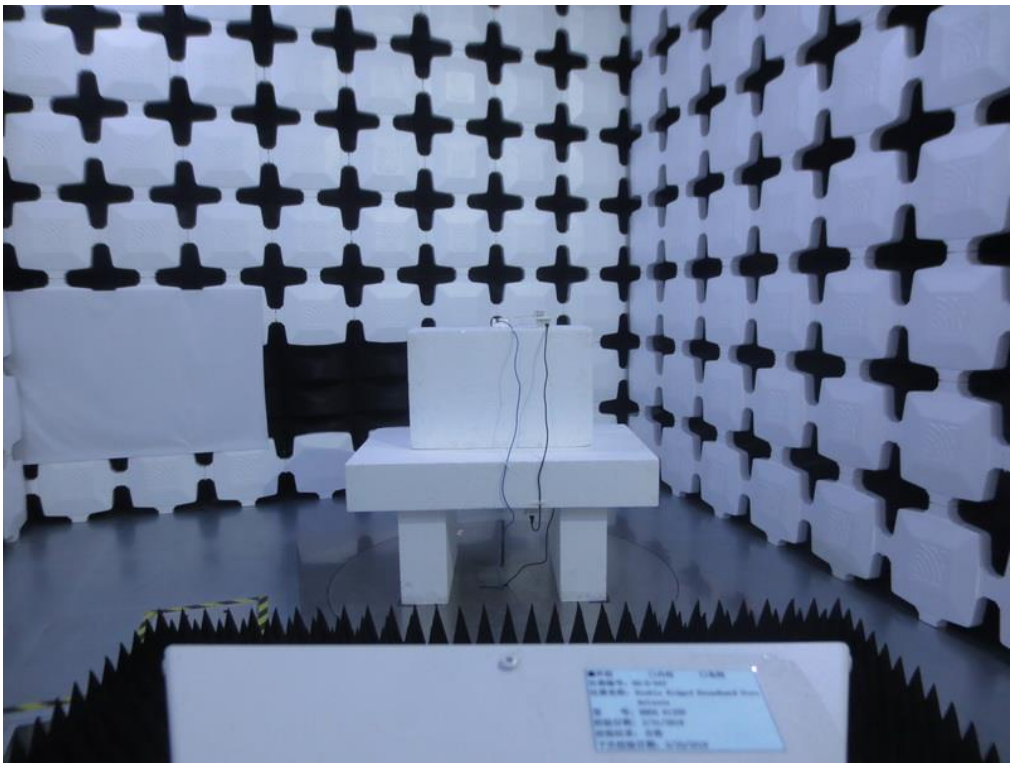




Radiated Measurement Photos

Above 1000 MHz

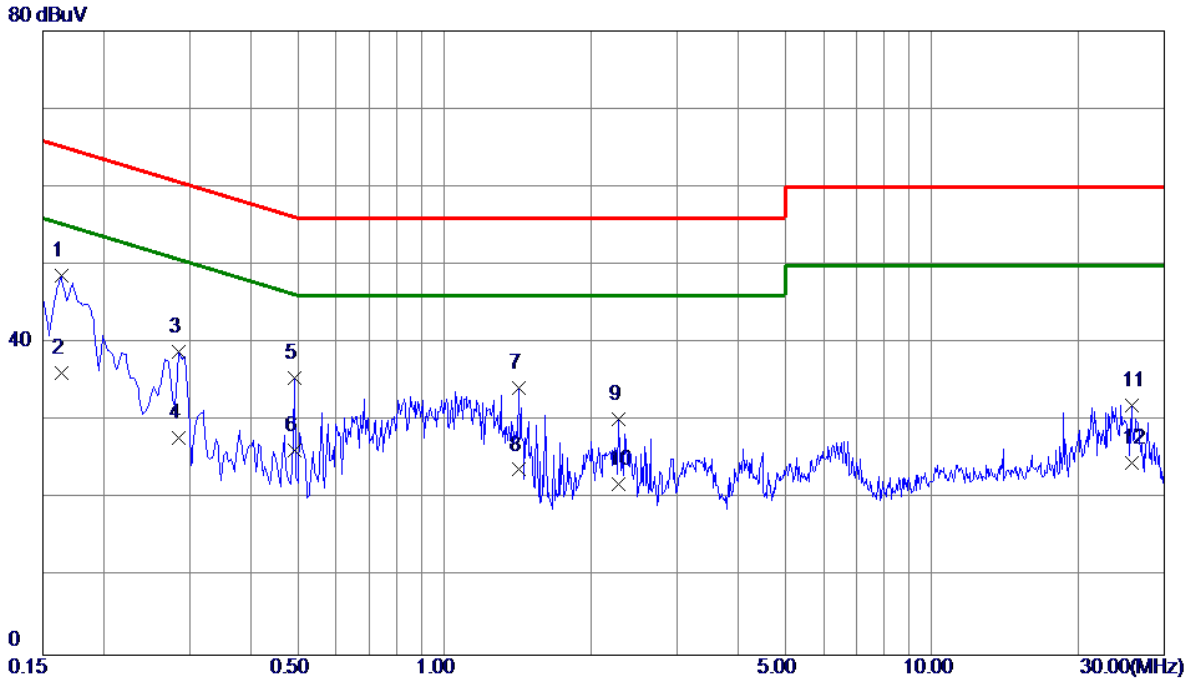




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX Mode

Line

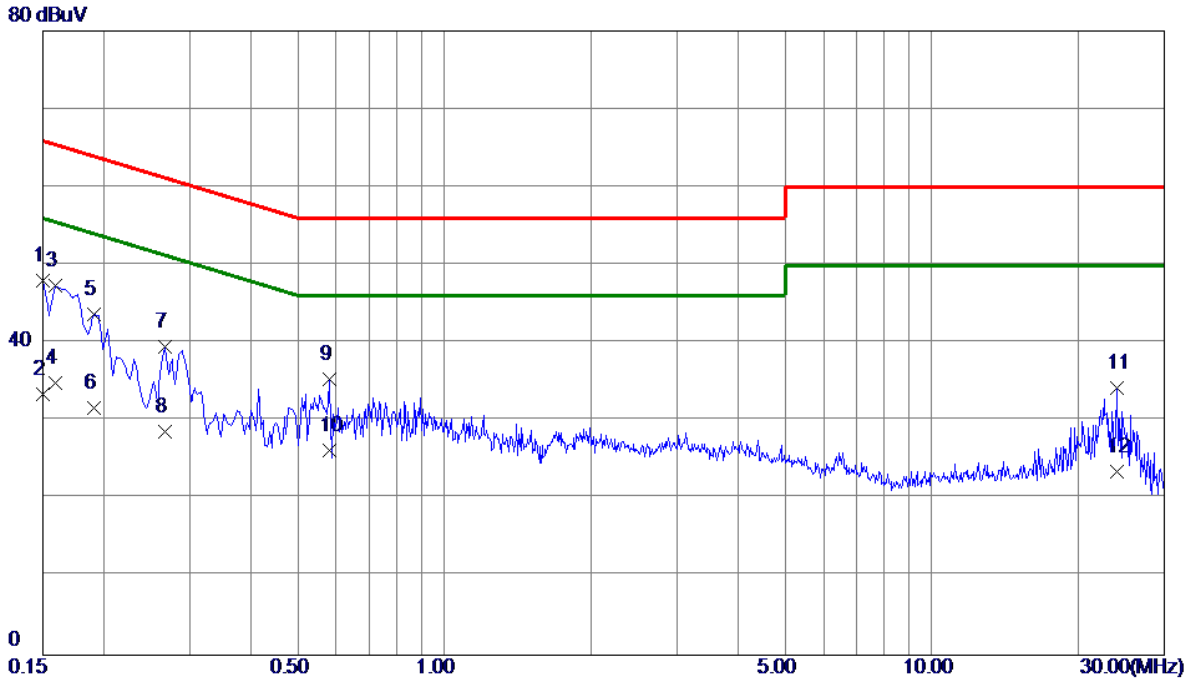


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1635	38.81	9.80	48.61	65.28	-16.67	QP	
2	0.1635	26.30	9.80	36.10	55.28	-19.18	AVG	
3	0.2850	28.83	9.99	38.82	60.67	-21.85	QP	
4	0.2850	17.90	9.99	27.89	50.67	-22.78	AVG	
5	0.4920	25.51	9.98	35.49	56.13	-20.64	QP	
6	0.4920	16.20	9.98	26.18	46.13	-19.95	AVG	
7	1.4190	24.19	10.06	34.25	56.00	-21.75	QP	
8	1.4190	13.70	10.06	23.76	46.00	-22.24	AVG	
9	2.2830	20.26	10.01	30.27	56.00	-25.73	QP	
10	2.2830	11.89	10.01	21.90	46.00	-24.10	AVG	
11	25.6830	21.13	10.90	32.03	60.00	-27.97	QP	
12	25.6830	13.80	10.90	24.70	50.00	-25.30	AVG	

Note:The test result has included the cable loss.

Test Mode:	TX Mode

Neutral



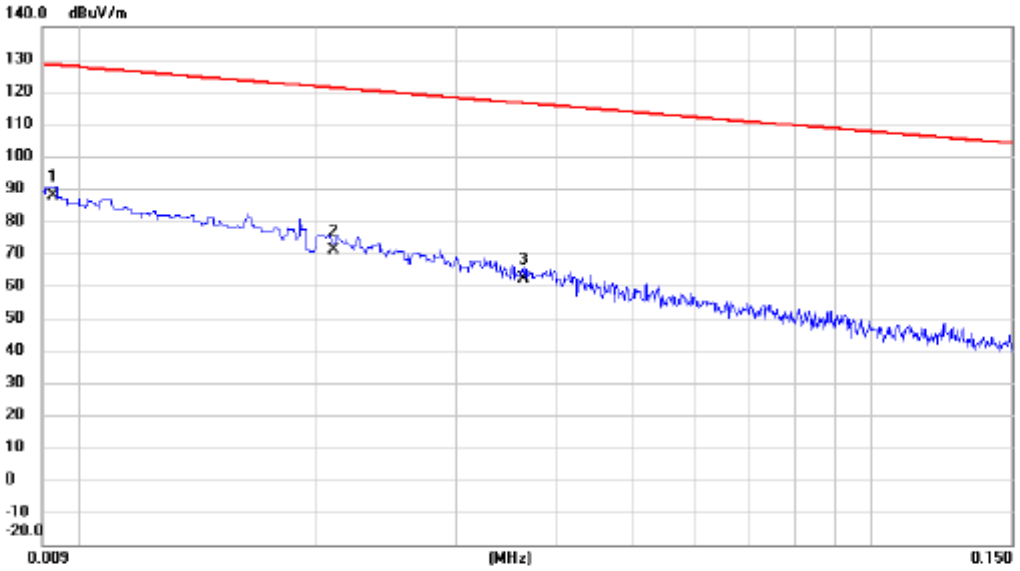
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1500	38.24	9.78	48.02	66.00	-17.98	QP	
2	0.1500	23.70	9.78	33.48	56.00	-22.52	AVG	
3	0.1590	37.50	9.79	47.29	65.52	-18.23	QP	
4	0.1590	25.10	9.79	34.89	55.52	-20.63	AVG	
5	0.1905	33.88	9.84	43.72	64.01	-20.29	QP	
6	0.1905	21.90	9.84	31.74	54.01	-22.27	AVG	
7	0.2670	29.51	9.99	39.50	61.21	-21.71	QP	
8	0.2670	18.60	9.99	28.59	51.21	-22.62	AVG	
9	0.5820	25.34	9.99	35.33	56.00	-20.67	QP	
10	0.5820	16.20	9.99	26.19	46.00	-19.81	AVG	
11	23.9280	23.49	10.75	34.24	60.00	-25.76	QP	
12	23.9280	12.70	10.75	23.45	50.00	-26.55	AVG	

Note:The test result has included the cable loss.

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

Test Mode:	TX Mode

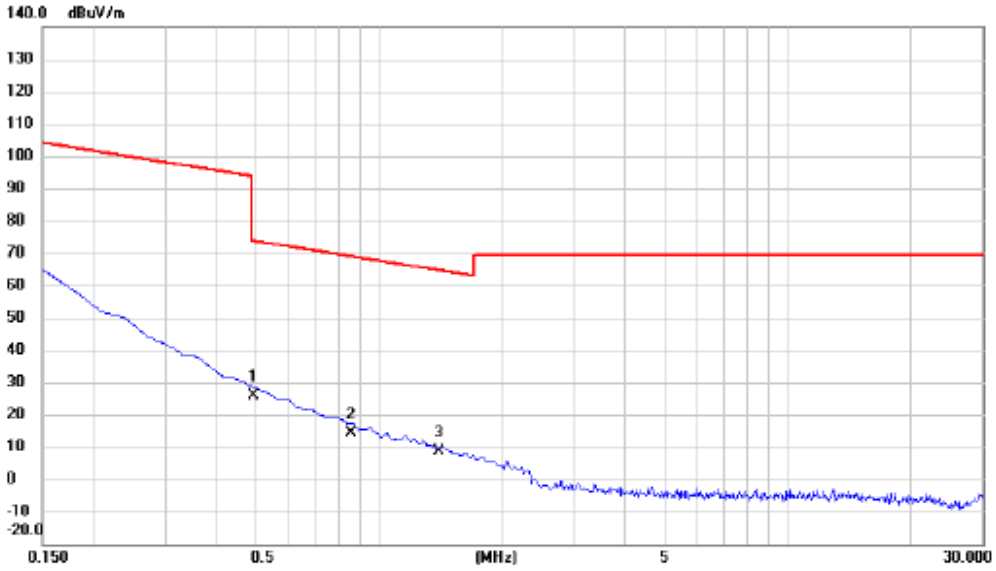
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0093	66.90	21.06	87.96	128.24	-40.28	AVG	
2		0.0210	51.26	19.59	70.85	121.16	-50.31	AVG	
3		0.0364	43.26	19.13	62.39	116.38	-53.99	AVG	

Test Mode:	TX Mode

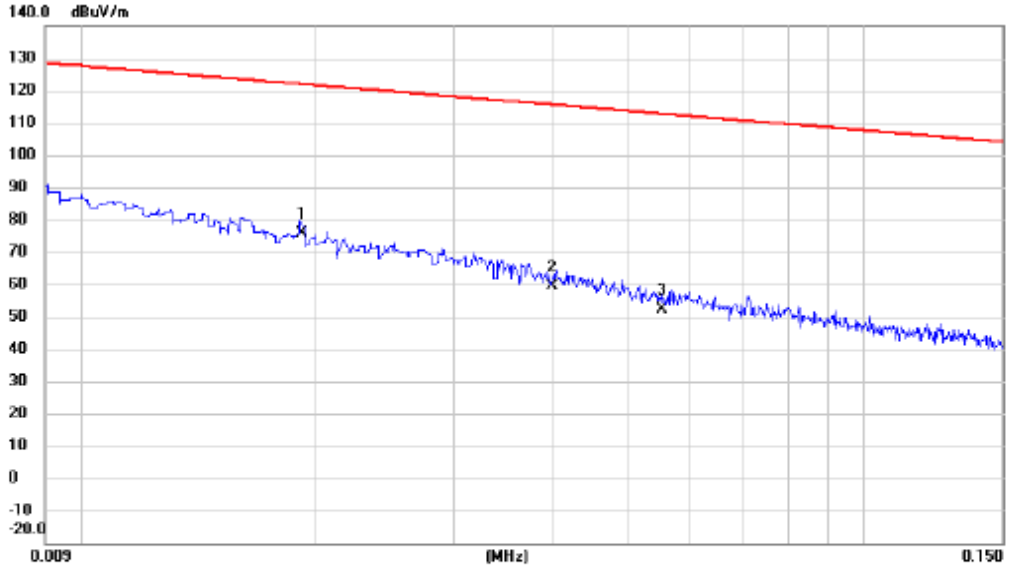
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.4941	9.34	16.47	25.81	73.73	-47.92	QP	
2		0.8573	-1.65	16.05	14.40	68.94	-54.54	QP	
3		1.4037	-7.07	15.74	8.67	64.66	-55.99	QP	

Test Mode:	TX Mode

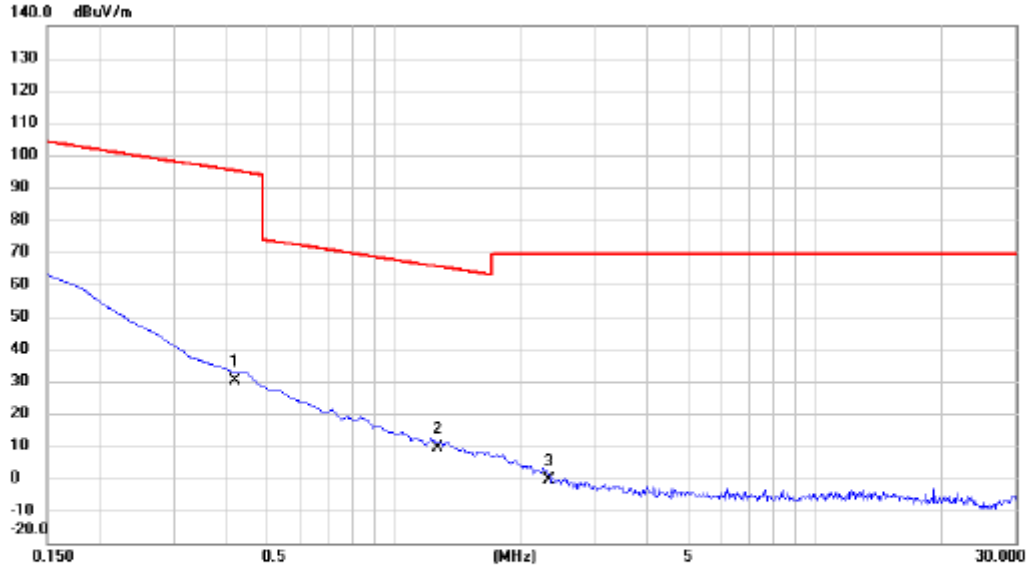
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0192	55.91	19.72	75.63	121.94	-46.31	AVG	
2		0.0400	40.57	19.02	59.59	115.56	-55.97	AVG	
3		0.0552	33.51	18.63	52.14	112.77	-60.63	AVG	

Test Mode:	TX Mode

Ant 90°

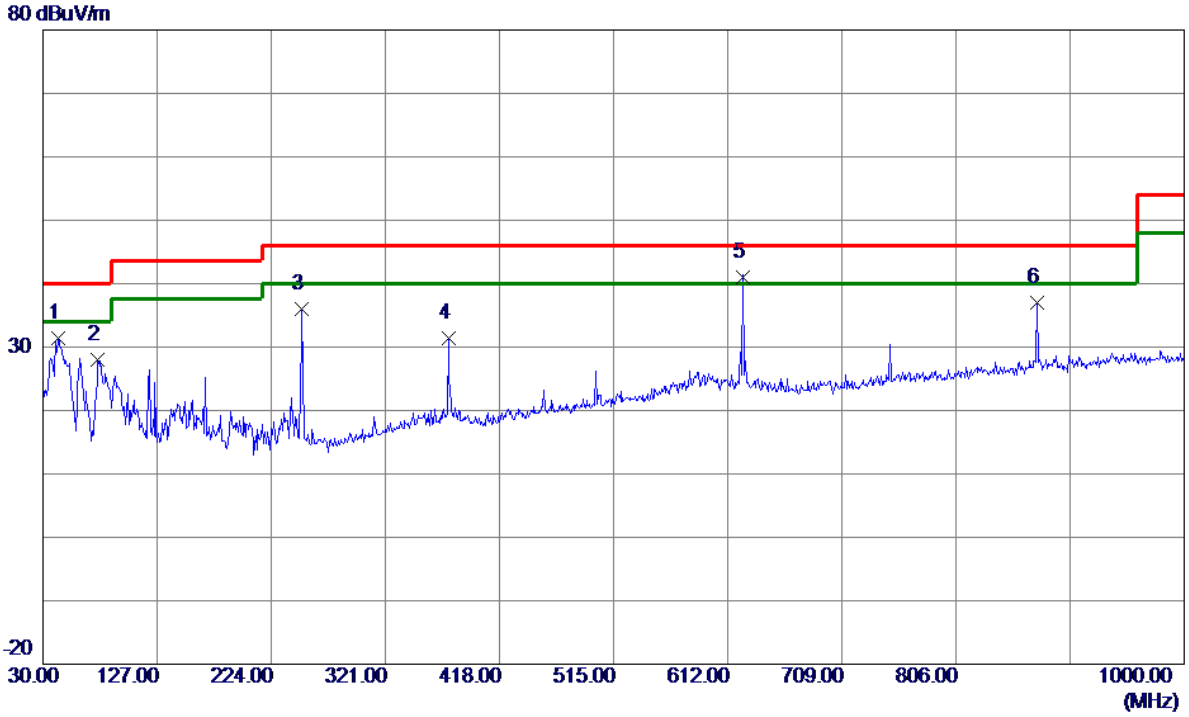


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4187	13.52	16.54	30.06	95.17	-65.11	AVG	
2	*	1.2694	-6.56	15.79	9.23	65.53	-56.30	QP	
3		2.3291	-16.10	15.42	-0.68	69.54	-70.22	QP	

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

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

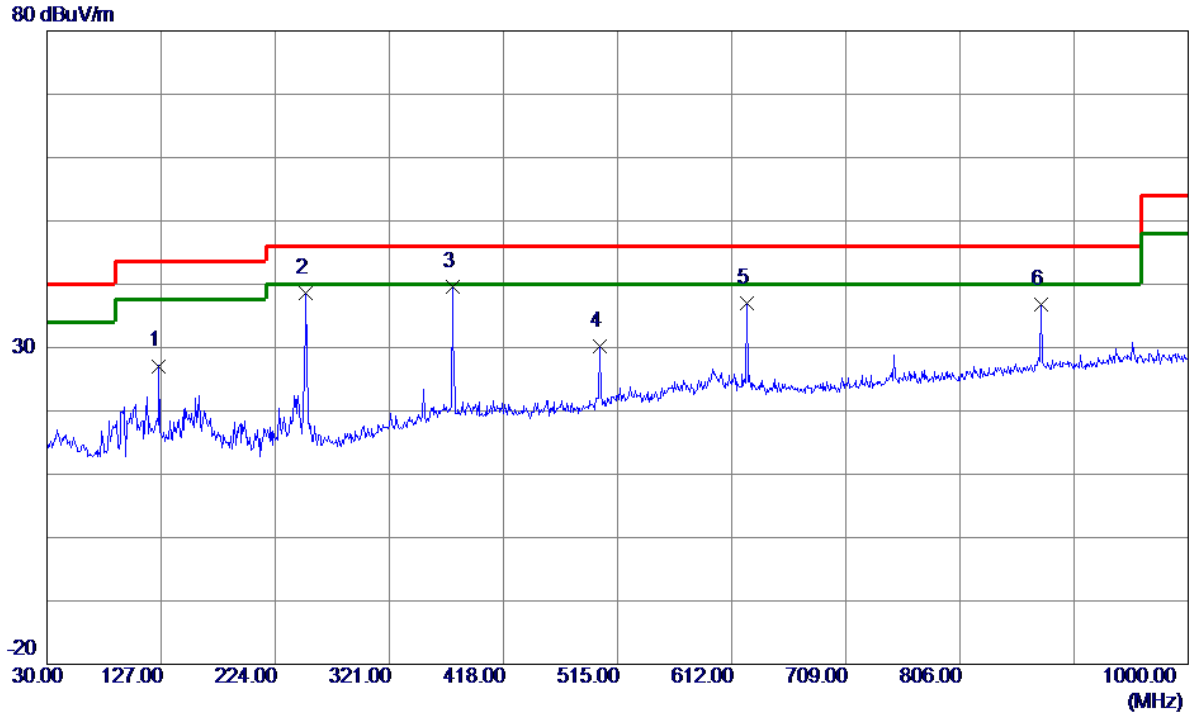
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	42.6100	48.30	-16.84	31.46	40.00	-8.54	Peak	
2	76.5600	48.68	-20.62	28.06	40.00	-11.94	Peak	
3	250.1900	53.48	-17.48	36.00	46.00	-10.00	Peak	
4	374.8350	45.91	-14.45	31.46	46.00	-14.54	Peak	
5 *	625.0949	50.47	-9.53	40.94	46.00	-5.06	QP	
6	874.8700	43.43	-6.48	36.95	46.00	-9.05	Peak	

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

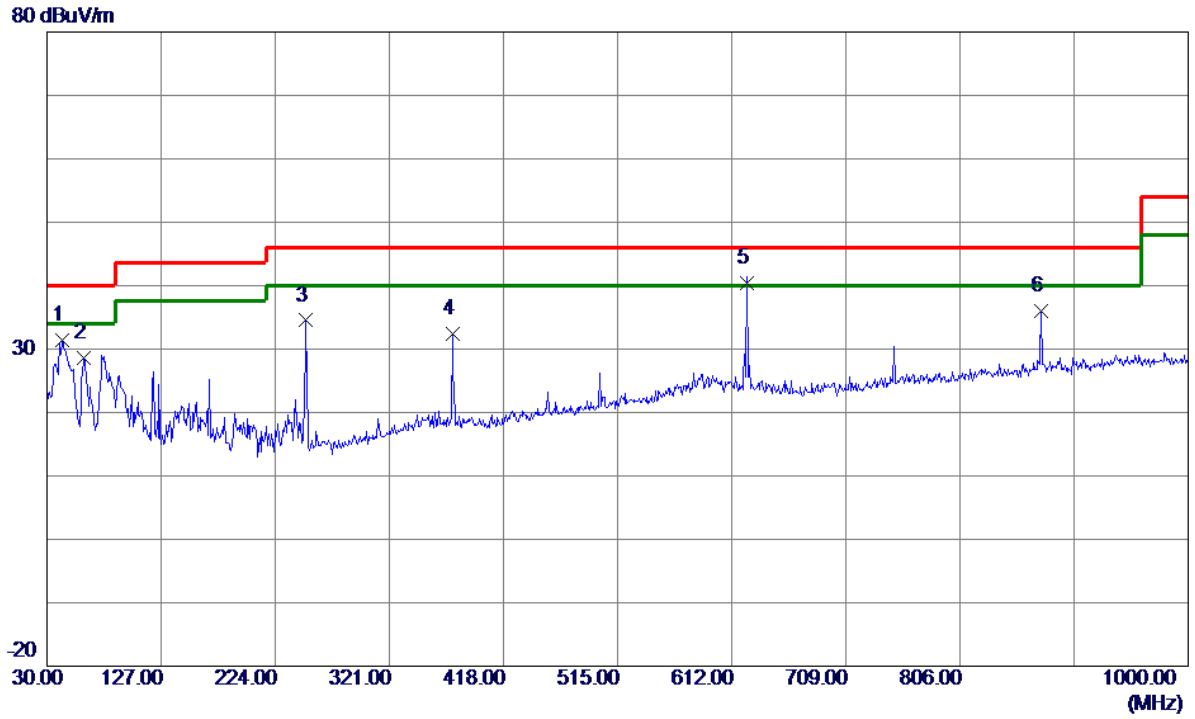
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	125.0600	44.54	-17.44	27.10	43.50	-16.40	Peak	
2	250.1900	56.07	-17.48	38.59	46.00	-7.41	Peak	
3 *	374.8350	54.08	-14.45	39.63	46.00	-6.37	Peak	
4	499.9650	41.92	-11.72	30.20	46.00	-15.80	Peak	
5	625.0949	46.51	-9.53	36.98	46.00	-9.02	Peak	
6	874.8700	43.20	-6.48	36.72	46.00	-9.28	Peak	

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

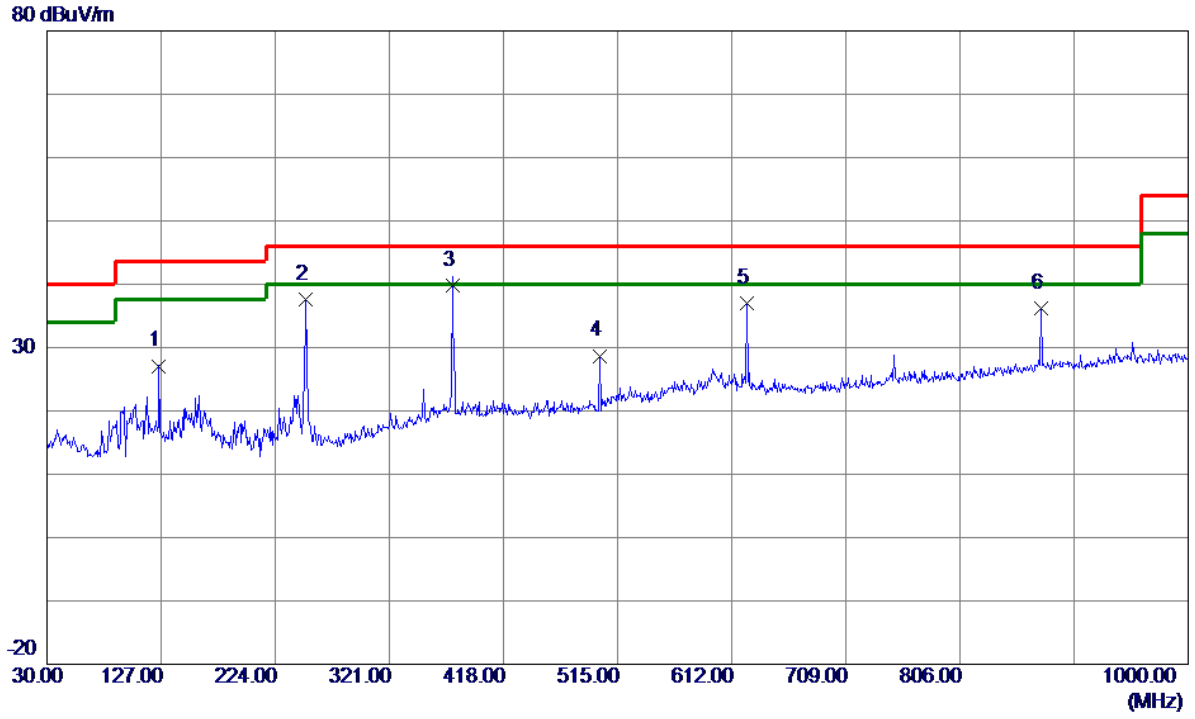
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	42.6100	48.30	-16.84	31.46	40.00	-8.54	Peak	
2	61.5250	46.80	-18.16	28.64	40.00	-11.36	Peak	
3	250.1900	51.98	-17.48	34.50	46.00	-11.50	Peak	
4	374.8350	46.91	-14.45	32.46	46.00	-13.54	Peak	
5 *	625.0949	49.97	-9.53	40.44	46.00	-5.56	QP	
6	874.8700	42.43	-6.48	35.95	46.00	-10.05	Peak	

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

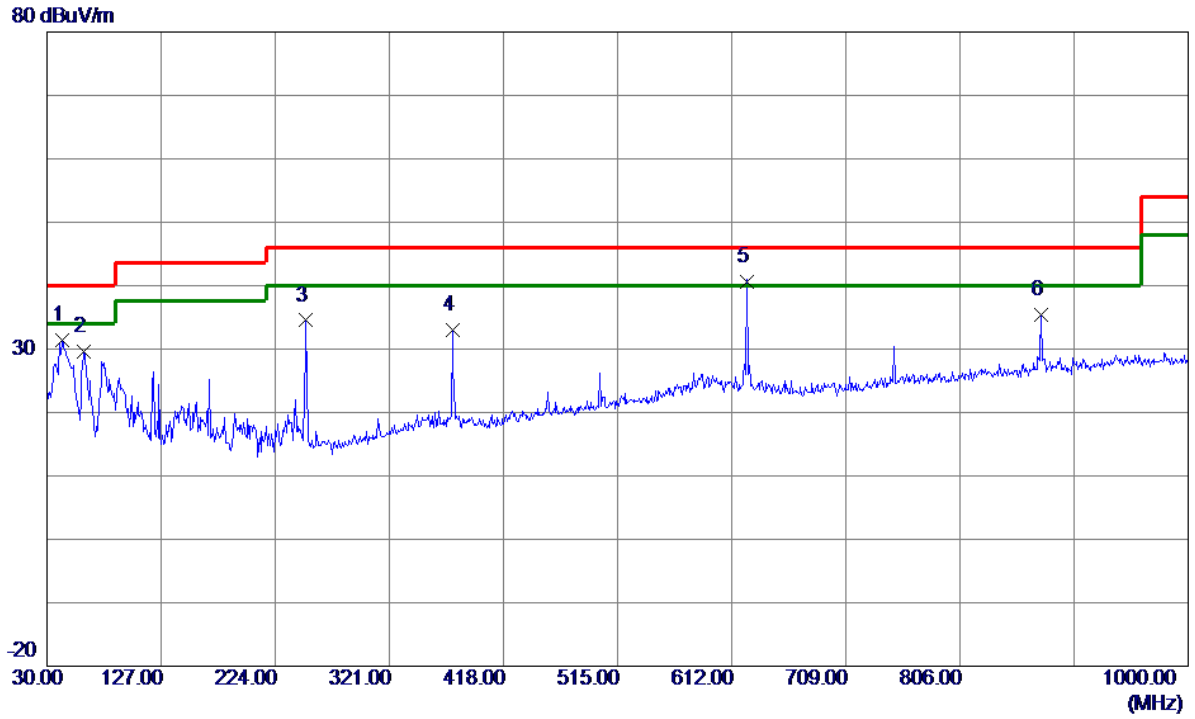
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	125.0600	44.54	-17.44	27.10	43.50	-16.40	Peak	
2	250.1900	55.07	-17.48	37.59	46.00	-8.41	Peak	
3 *	374.8350	54.18	-14.45	39.73	46.00	-6.27	QP	
4	499.9650	40.42	-11.72	28.70	46.00	-17.30	Peak	
5	625.0949	46.51	-9.53	36.98	46.00	-9.02	Peak	
6	874.8700	42.70	-6.48	36.22	46.00	-9.78	Peak	

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

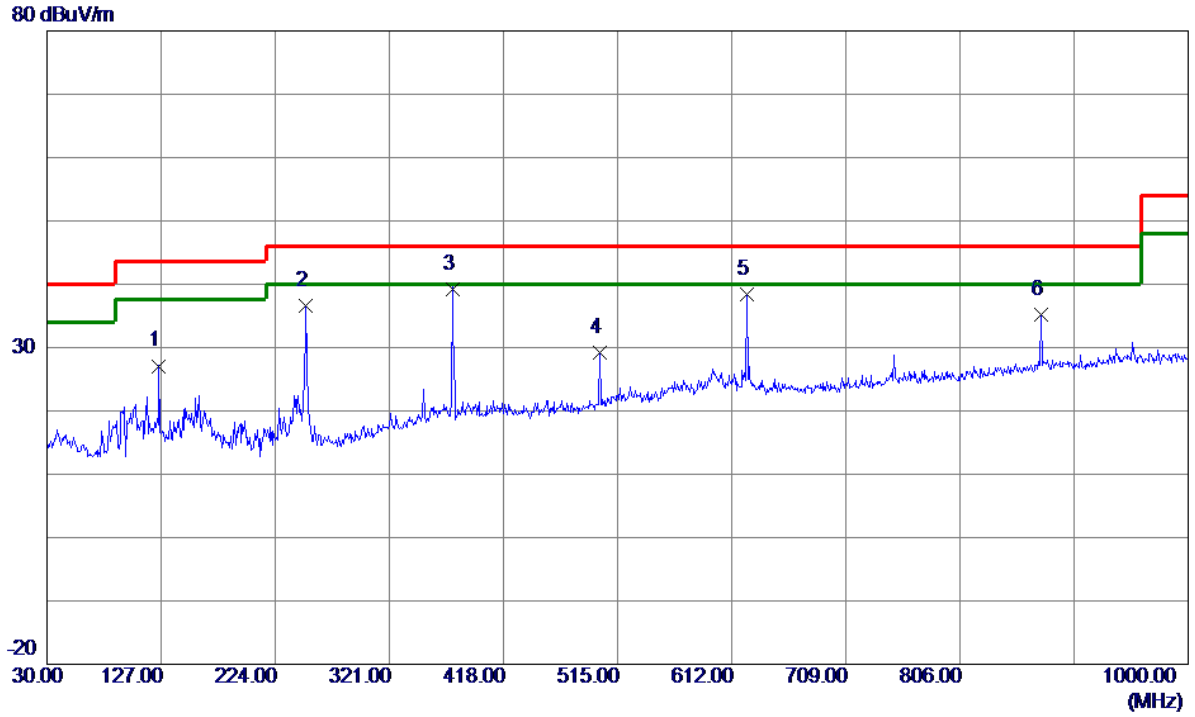
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	42.6100	48.30	-16.84	31.46	40.00	-8.54	Peak	
2	61.5250	47.80	-18.16	29.64	40.00	-10.36	Peak	
3	250.1900	51.98	-17.48	34.50	46.00	-11.50	Peak	
4	374.8350	47.41	-14.45	32.96	46.00	-13.04	Peak	
5 *	625.0949	50.17	-9.53	40.64	46.00	-5.36	QP	
6	874.8700	41.93	-6.48	35.45	46.00	-10.55	Peak	

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

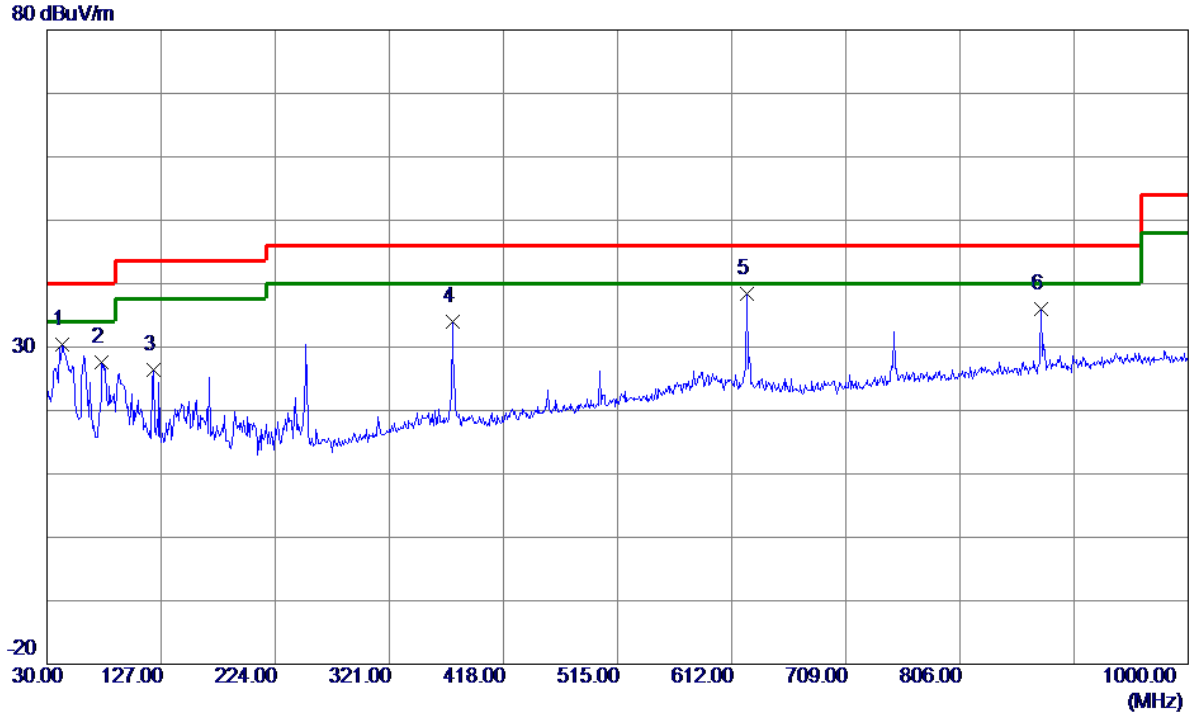
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	125.0600	44.54	-17.44	27.10	43.50	-16.40	Peak	
2	250.1900	54.07	-17.48	36.59	46.00	-9.41	Peak	
3 *	374.8350	53.58	-14.45	39.13	46.00	-6.87	QP	
4	499.9650	40.92	-11.72	29.20	46.00	-16.80	Peak	
5	625.0949	48.01	-9.53	38.48	46.00	-7.52	Peak	
6	874.8700	41.70	-6.48	35.22	46.00	-10.78	Peak	

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

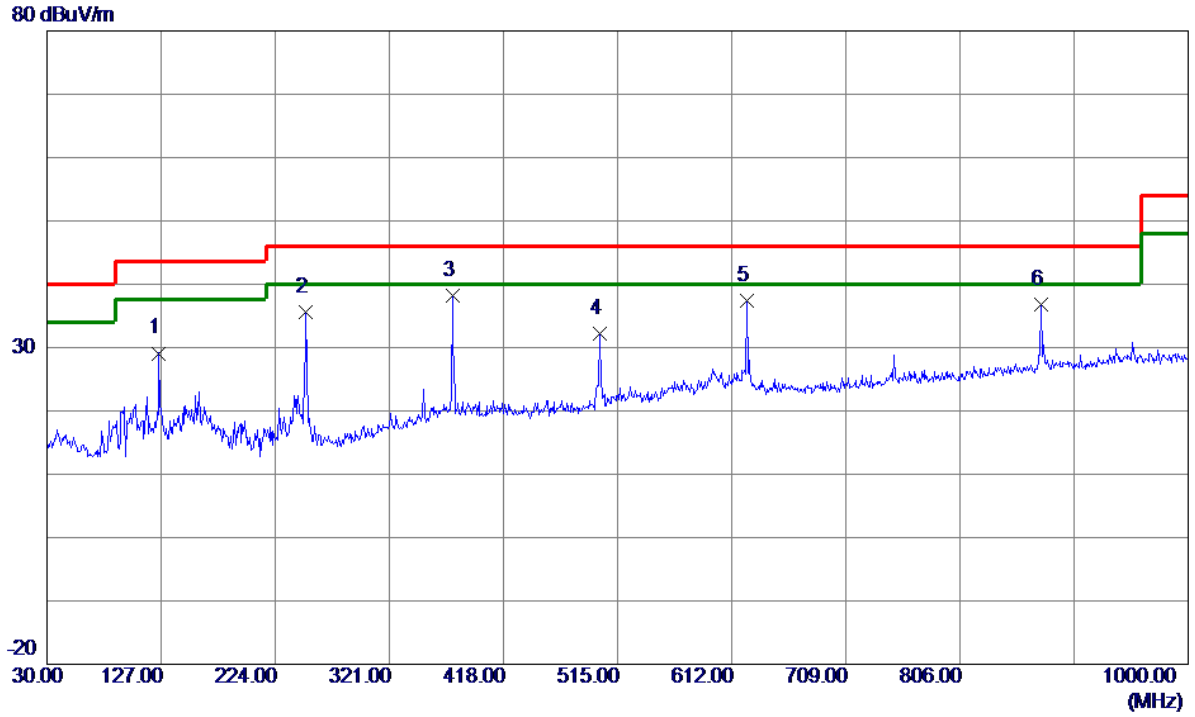
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	42.6100	47.30	-16.84	30.46	40.00	-9.54	Peak	
2	76.5600	48.18	-20.62	27.56	40.00	-12.44	Peak	
3	120.2100	44.00	-17.66	26.34	43.50	-17.16	Peak	
4	374.8350	48.41	-14.45	33.96	46.00	-12.04	Peak	
5 *	625.0949	47.97	-9.53	38.44	46.00	-7.56	Peak	
6	874.8700	42.43	-6.48	35.95	46.00	-10.05	Peak	

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

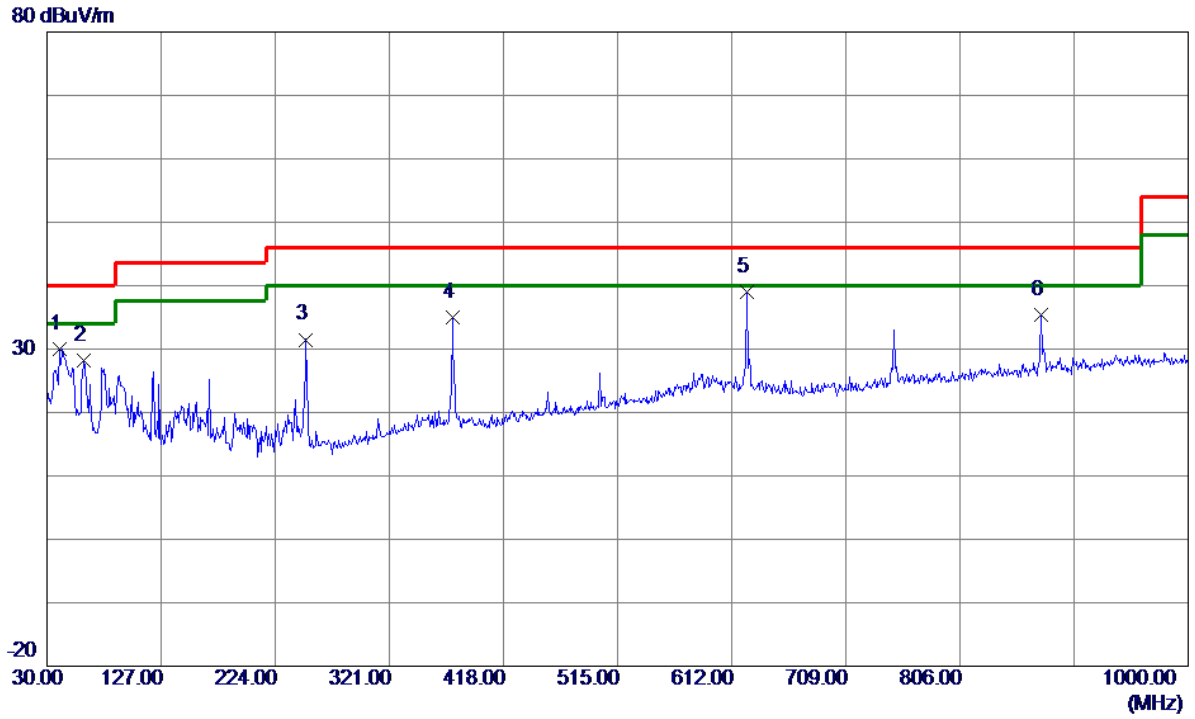
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	125.0600	46.54	-17.44	29.10	43.50	-14.40	Peak	
2	250.1900	53.07	-17.48	35.59	46.00	-10.41	Peak	
3 *	374.8350	52.58	-14.45	38.13	46.00	-7.87	Peak	
4	499.9650	43.92	-11.72	32.20	46.00	-13.80	Peak	
5	625.0949	47.01	-9.53	37.48	46.00	-8.52	Peak	
6	874.8700	43.20	-6.48	36.72	46.00	-9.28	Peak	

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

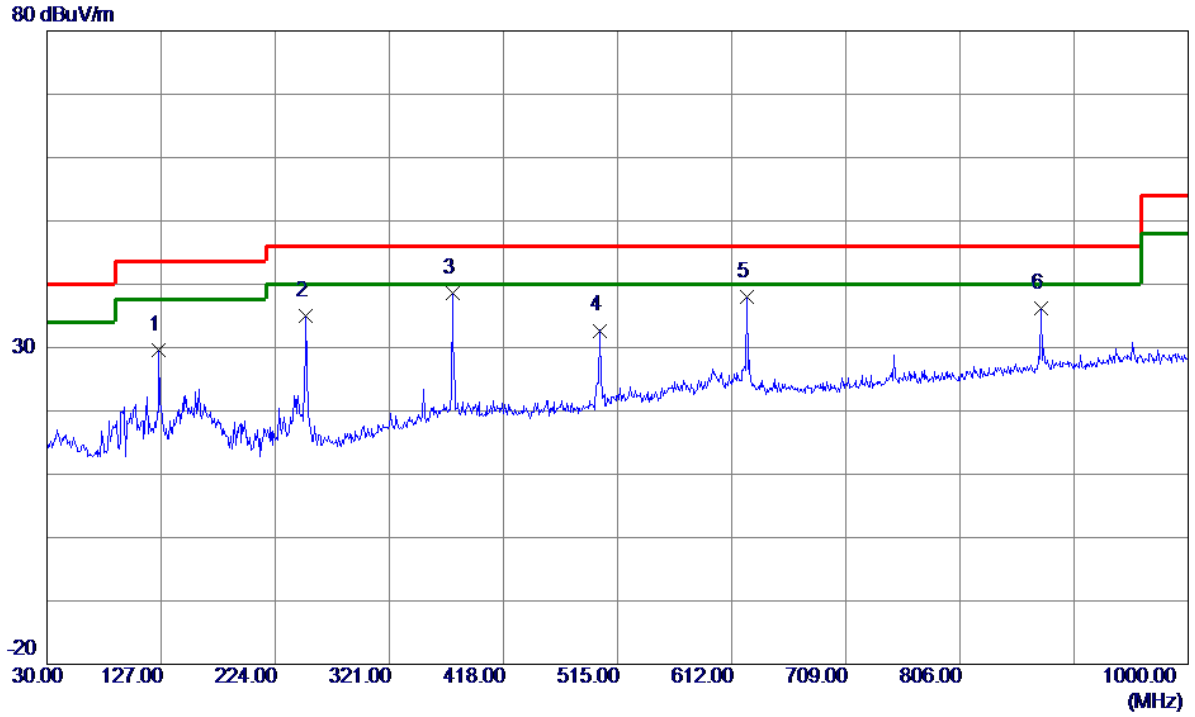
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	41.1550	46.73	-16.68	30.05	40.00	-9.95	Peak	
2	61.5250	46.30	-18.16	28.14	40.00	-11.86	Peak	
3	250.1900	48.98	-17.48	31.50	46.00	-14.50	Peak	
4	374.8350	49.41	-14.45	34.96	46.00	-11.04	Peak	
5 *	625.0949	48.47	-9.53	38.94	46.00	-7.06	Peak	
6	874.8700	41.93	-6.48	35.45	46.00	-10.55	Peak	

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

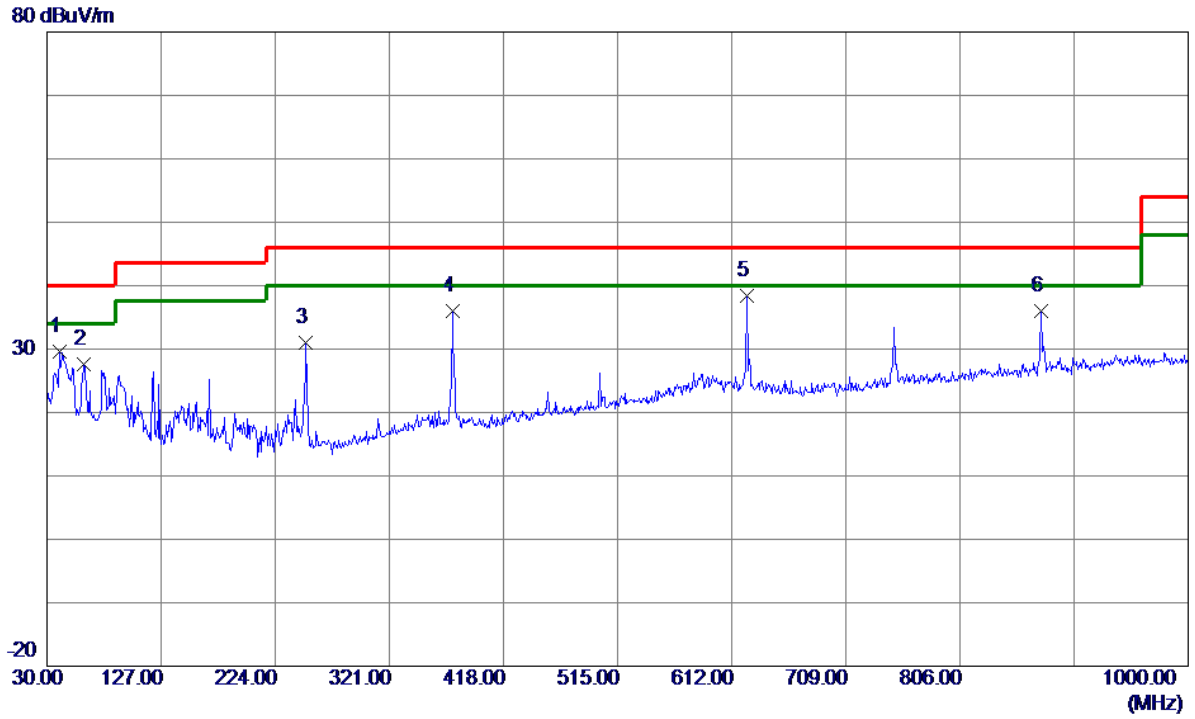
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	125.0600	47.04	-17.44	29.60	43.50	-13.90	Peak	
2	250.1900	52.57	-17.48	35.09	46.00	-10.91	Peak	
3 *	374.8350	53.08	-14.45	38.63	46.00	-7.37	Peak	
4	499.9650	44.42	-11.72	32.70	46.00	-13.30	Peak	
5	625.0949	47.51	-9.53	37.98	46.00	-8.02	Peak	
6	874.8700	42.70	-6.48	36.22	46.00	-9.78	Peak	

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

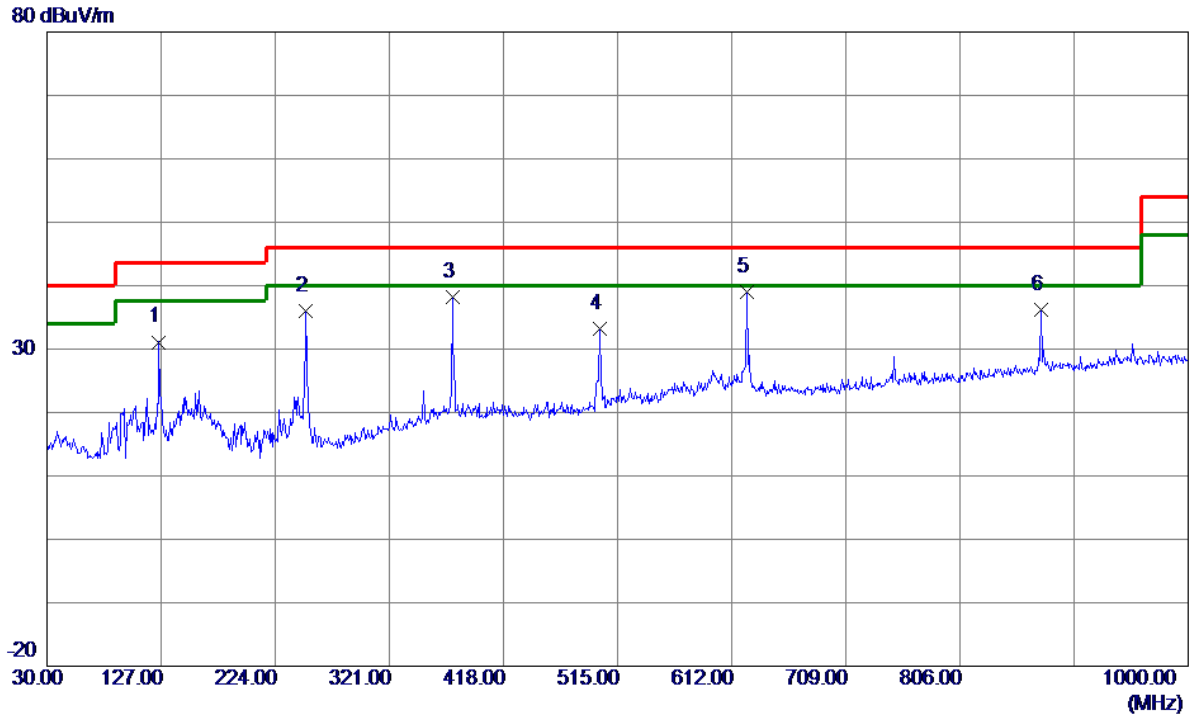
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	41.1550	46.23	-16.68	29.55	40.00	-10.45	Peak	
2	61.5250	45.80	-18.16	27.64	40.00	-12.36	Peak	
3	250.1900	48.48	-17.48	31.00	46.00	-15.00	Peak	
4	374.8350	50.41	-14.45	35.96	46.00	-10.04	Peak	
5 *	625.0949	47.97	-9.53	38.44	46.00	-7.56	Peak	
6	874.8700	42.43	-6.48	35.95	46.00	-10.05	Peak	

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

Horizontal

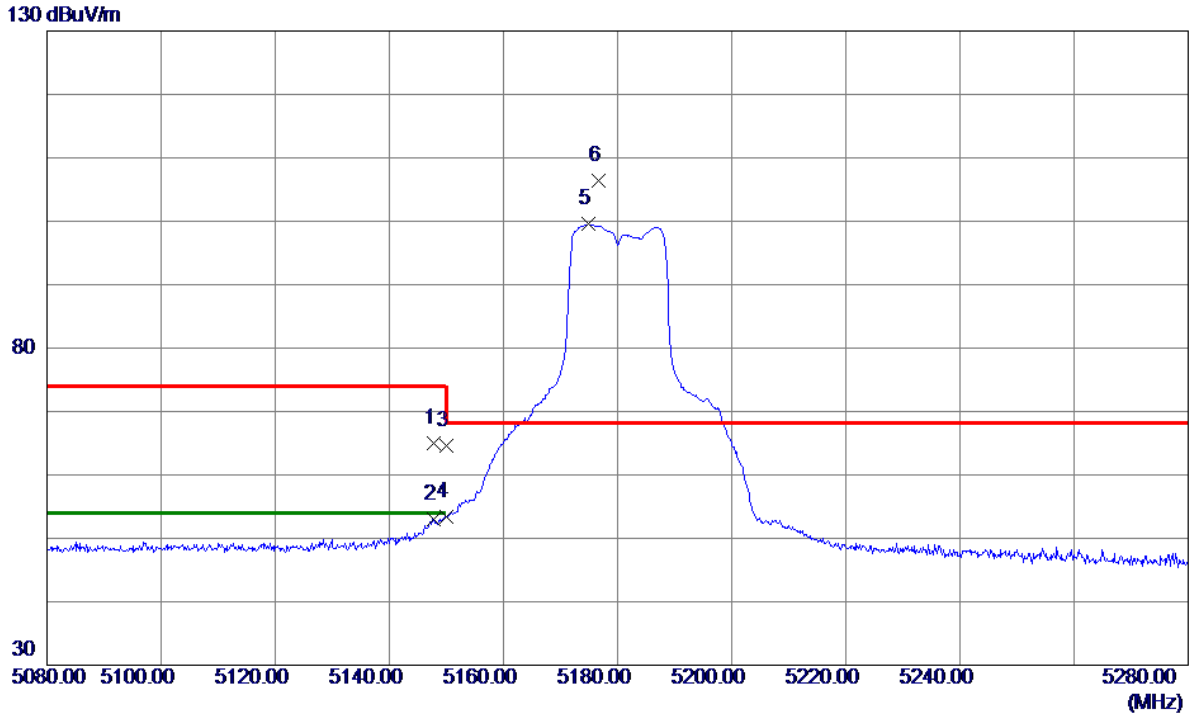


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	125.0600	48.54	-17.44	31.10	43.50	-12.40	Peak	
2	250.1900	53.57	-17.48	36.09	46.00	-9.91	Peak	
3	374.8350	52.58	-14.45	38.13	46.00	-7.87	Peak	
4	499.9650	44.92	-11.72	33.20	46.00	-12.80	Peak	
5 *	625.0949	48.51	-9.53	38.98	46.00	-7.02	Peak	
6	874.8700	42.70	-6.48	36.22	46.00	-9.78	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000 MHZ)

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

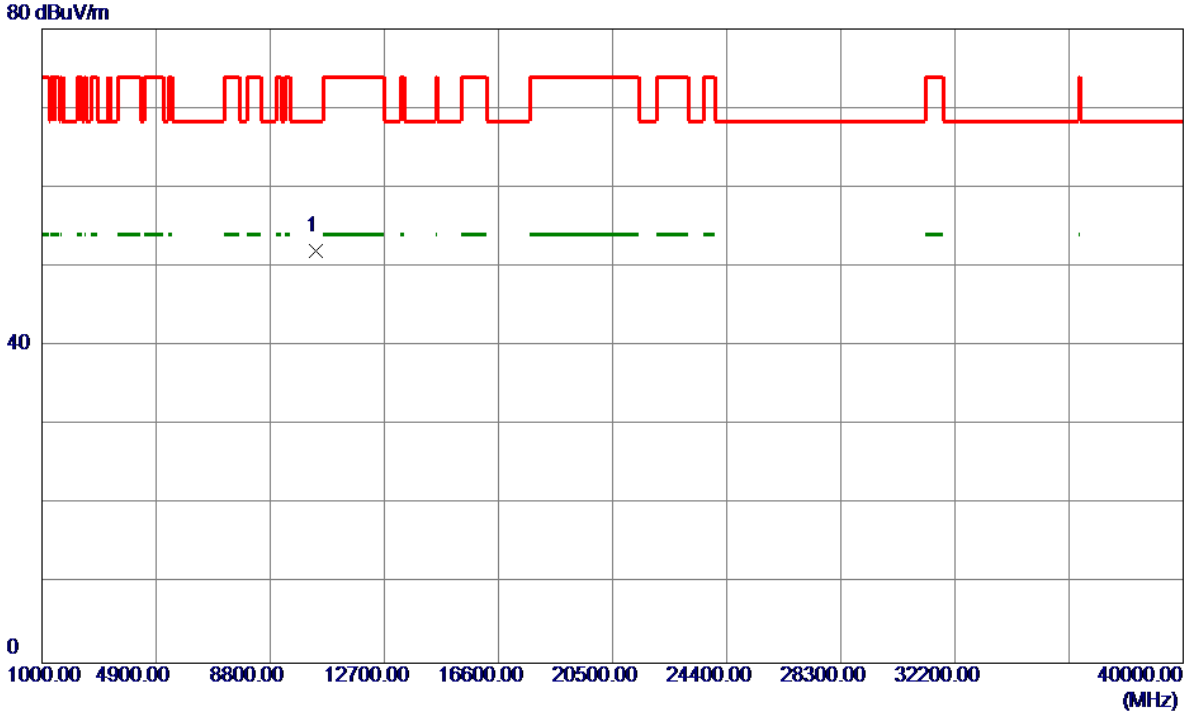
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5147.8000	26.00	38.99	64.99	74.00	-9.01	Peak	
2	5147.8000	14.07	38.99	53.06	54.00	-0.94	AVG	
3	5150.0000	25.58	39.00	64.58	74.00	-9.42	Peak	
4	5150.0000	14.38	39.00	53.38	54.00	-0.62	AVG	
5	5174.8000	60.44	39.08	99.52	999.00	-899.48	AVG	No Limit
6 *	5176.7000	67.29	39.09	106.38	68.30	38.08	Peak	No Limit

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

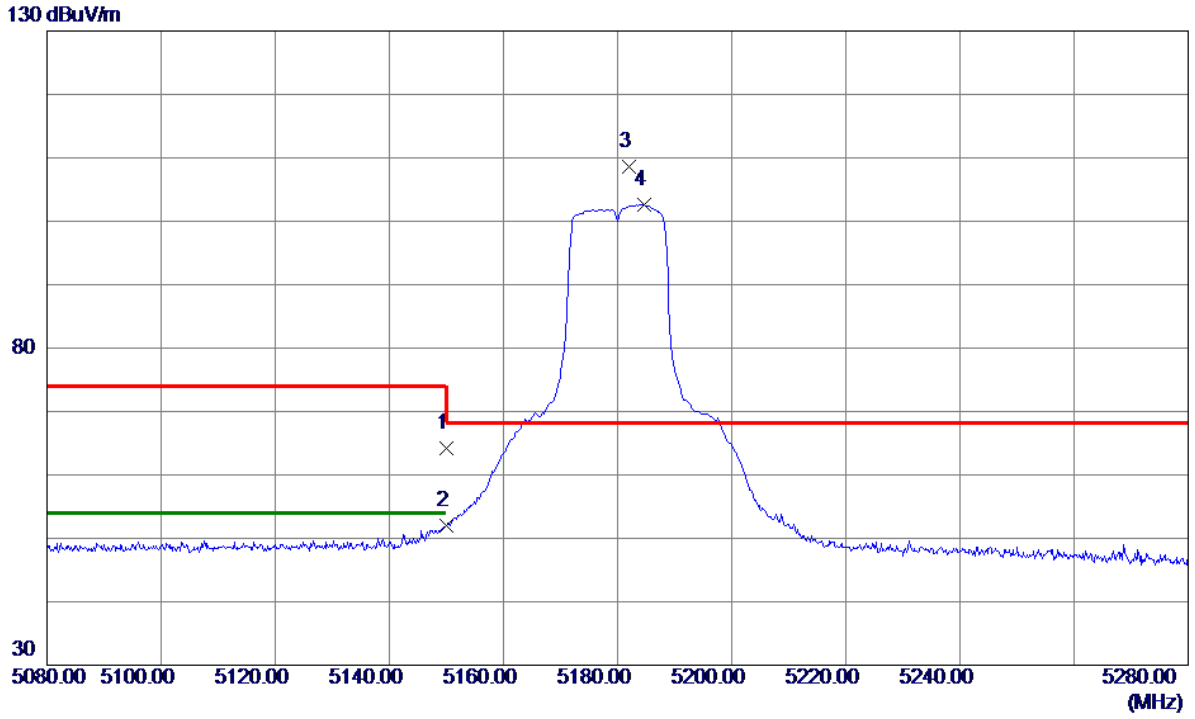
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10365.6500	50.42	1.53	51.95	68.30	-16.35	Peak	

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

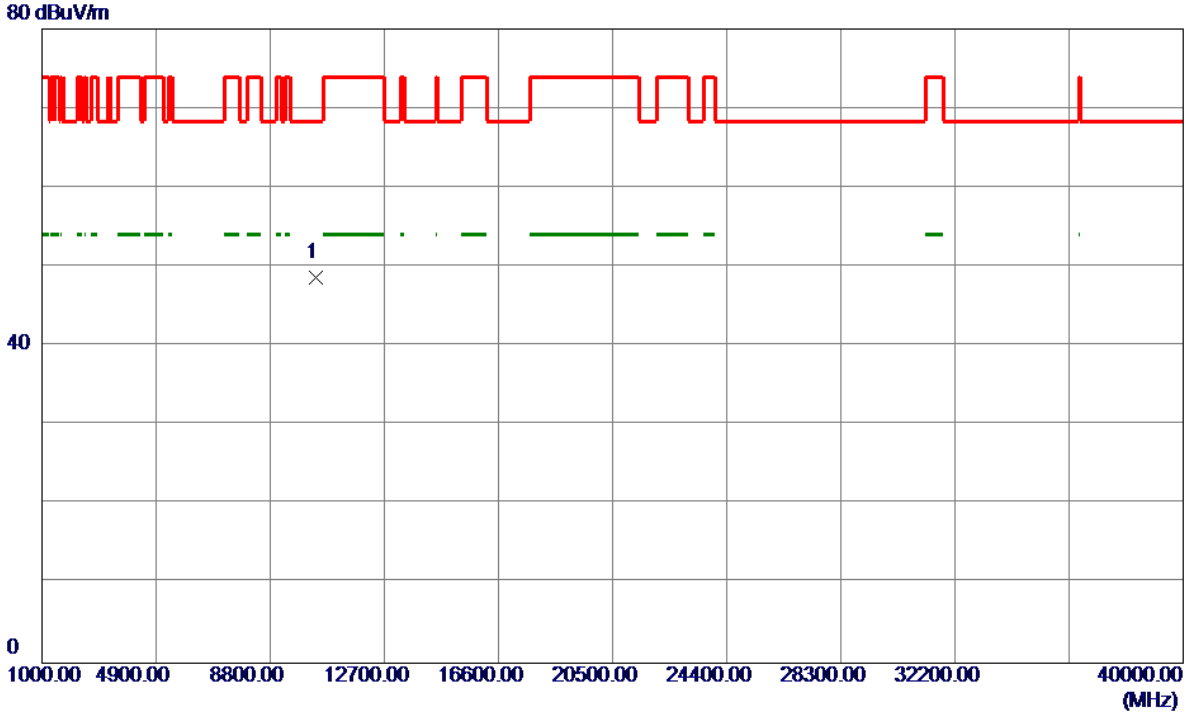
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.27	39.00	64.27	74.00	-9.73	Peak	
2	5150.0000	13.05	39.00	52.05	54.00	-1.95	AVG	
3 *	5181.9500	69.49	39.10	108.59	68.30	40.29	Peak	No Limit
4	5184.7000	63.47	39.11	102.58	999.00	-896.42	AVG	No Limit

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

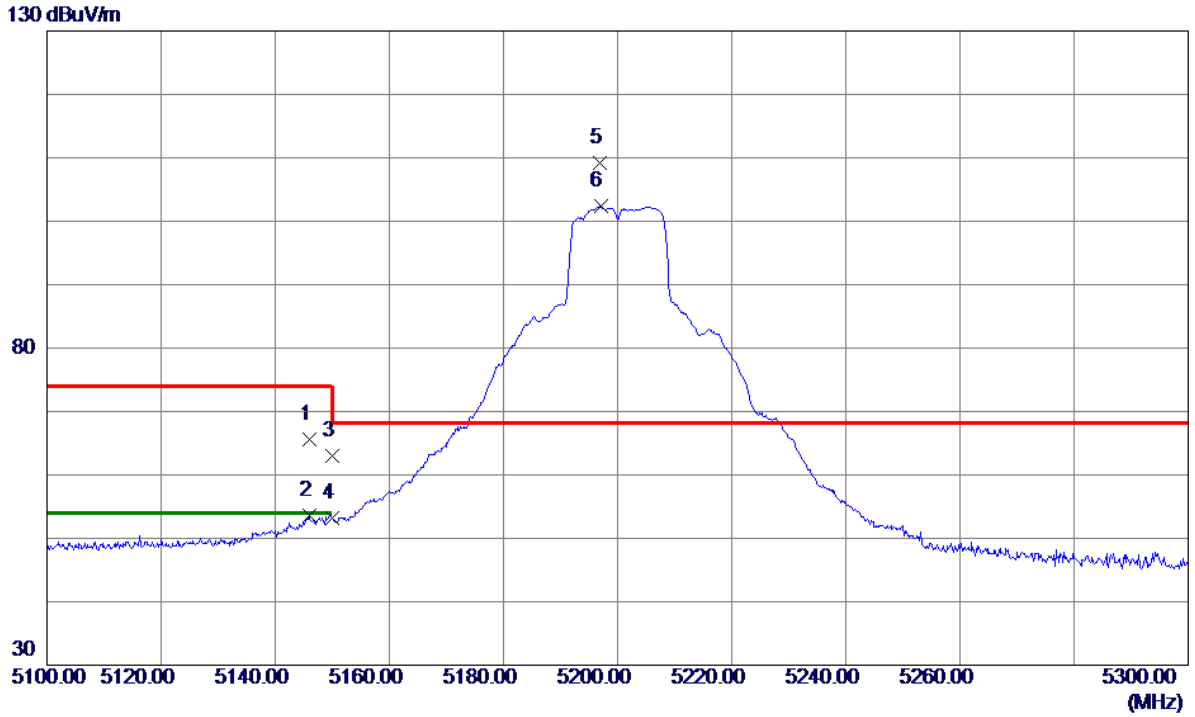
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.3700	47.16	1.53	48.69	68.30	-19.61	Peak	

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

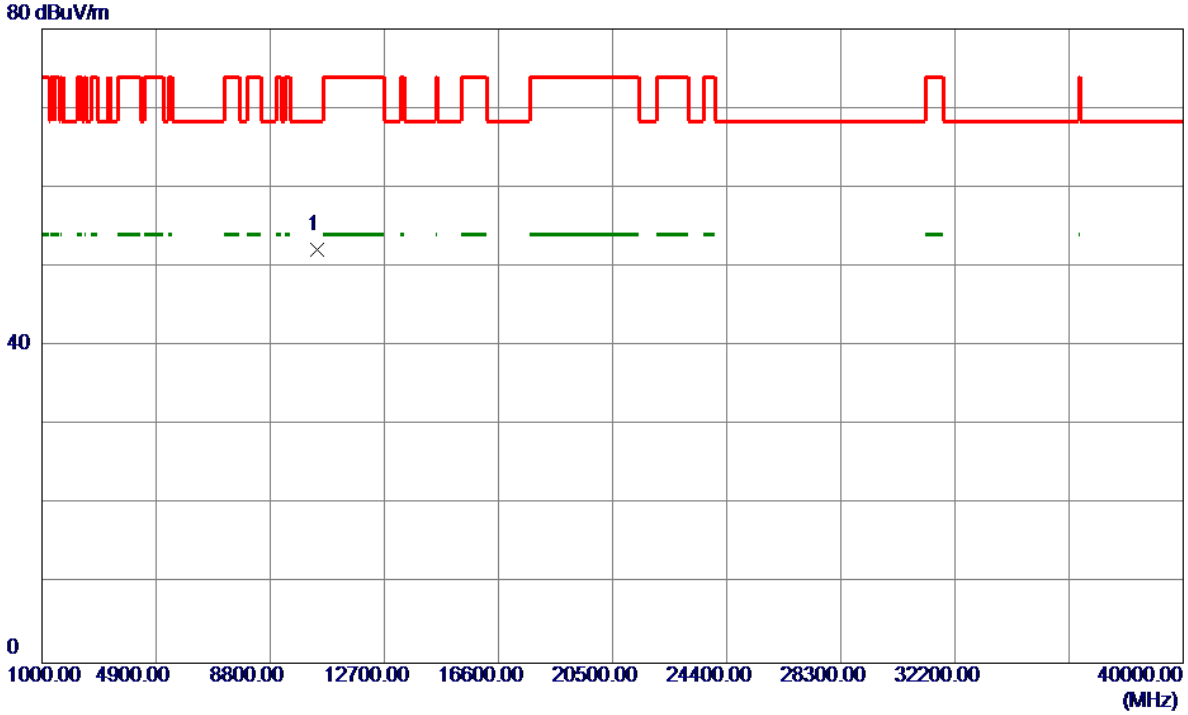
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5145.9000	26.63	38.99	65.62	74.00	-8.38	Peak	
2	5145.9000	14.58	38.99	53.57	54.00	-0.43	AVG	
3	5150.0000	24.09	39.00	63.09	74.00	-10.91	Peak	
4	5150.0000	14.29	39.00	53.29	54.00	-0.71	AVG	
5 *	5196.9500	70.14	39.15	109.29	68.30	40.99	Peak	No Limit
6	5197.0000	63.18	39.15	102.33	999.00	-896.67	AVG	No Limit

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

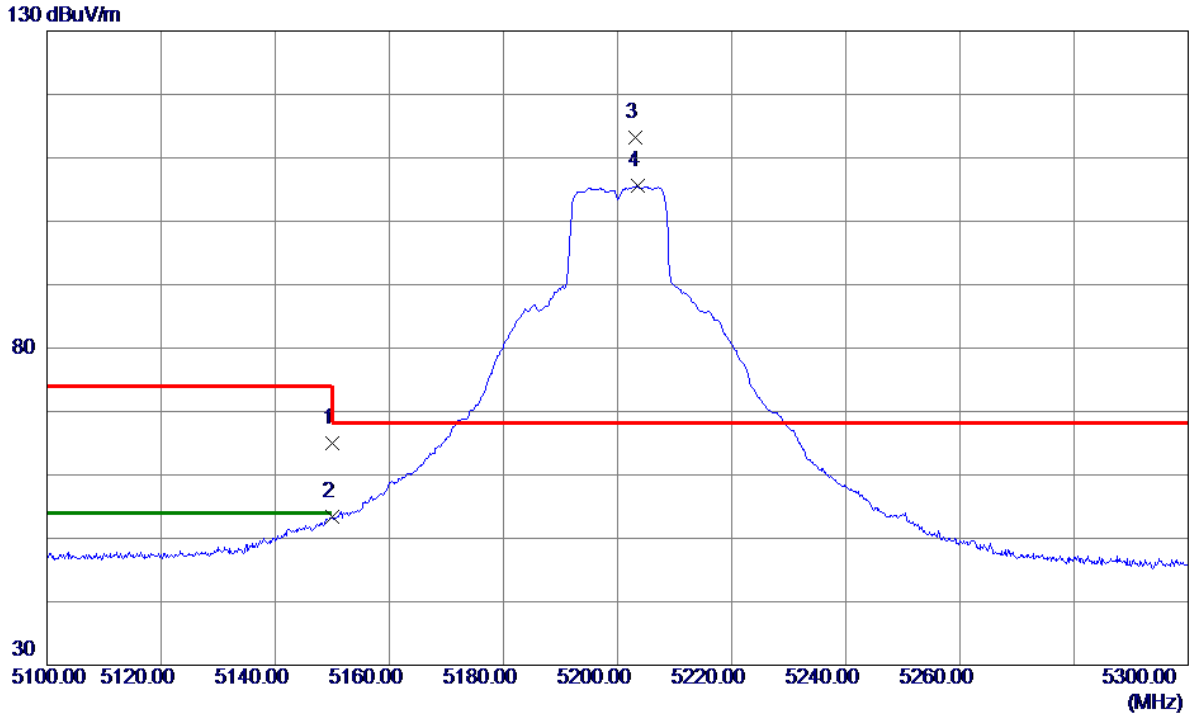
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10402.1000	50.67	1.56	52.23	68.30	-16.07	Peak	

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

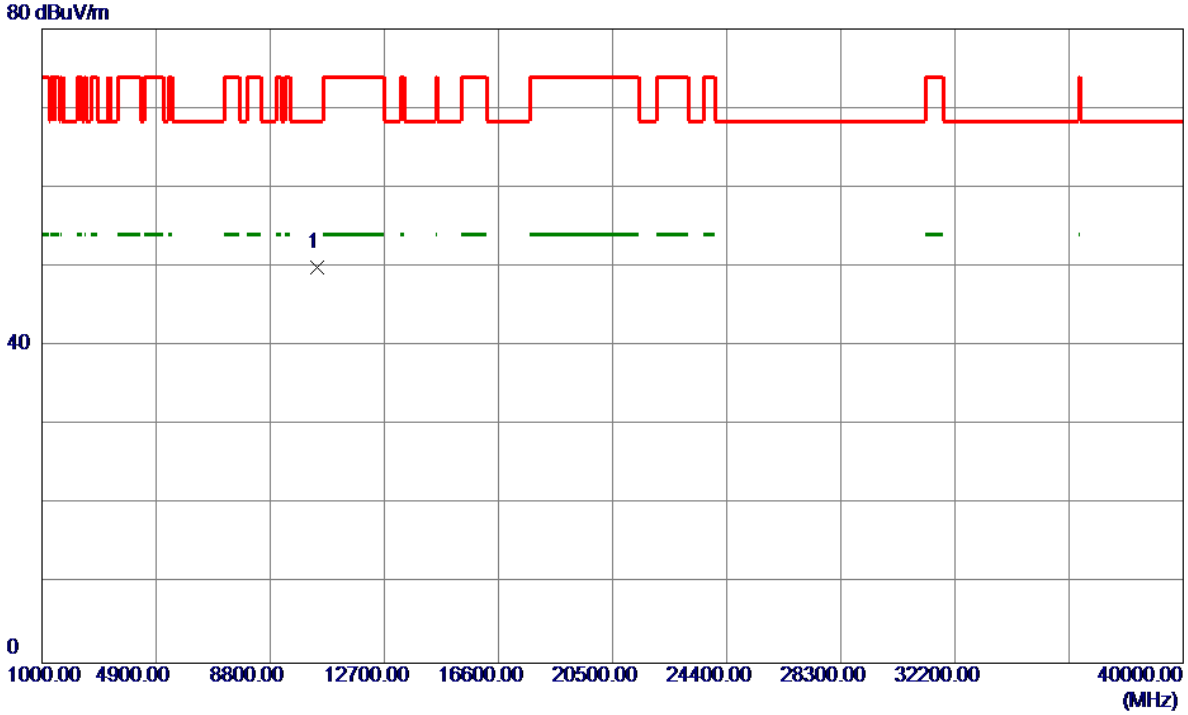
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.06	39.00	65.06	74.00	-8.94	Peak	
2	5150.0000	14.39	39.00	53.39	54.00	-0.61	AVG	
3 *	5203.1500	74.02	39.17	113.19	68.30	44.89	Peak	No Limit
4	5203.5000	66.45	39.17	105.62	999.00	-893.38	AVG	No Limit

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

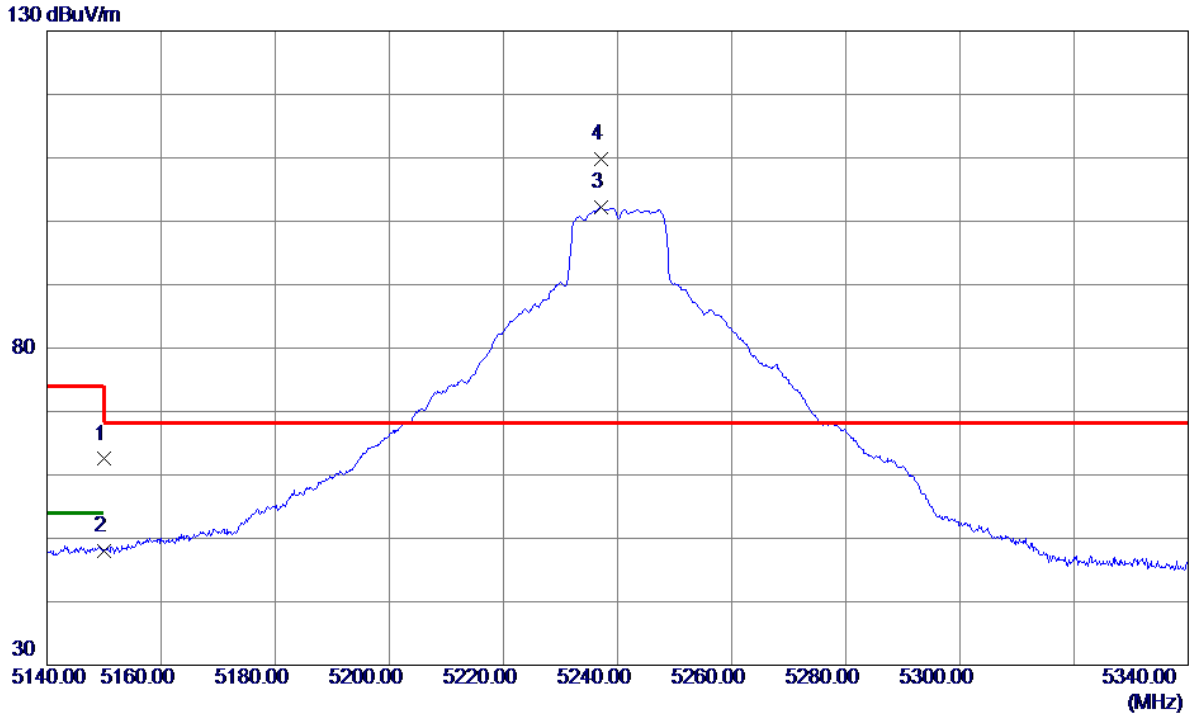
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401.3150	48.31	1.56	49.87	68.30	-18.43	Peak	

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

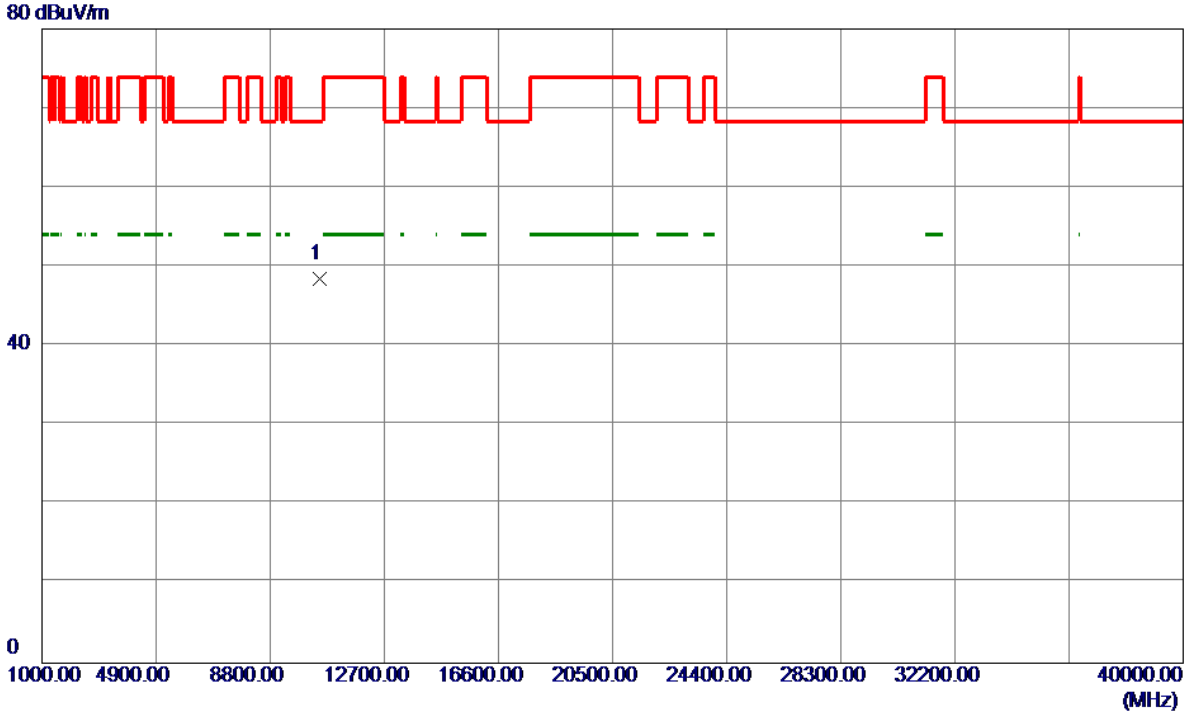
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.50	39.00	62.50	74.00	-11.50	Peak	
2	5150.0000	9.04	39.00	48.04	54.00	-5.96	AVG	
3	5237.1000	62.93	39.28	102.21	999.00	-896.79	AVG	No Limit
4 *	5237.1500	70.44	39.28	109.72	68.30	41.42	Peak	No Limit

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

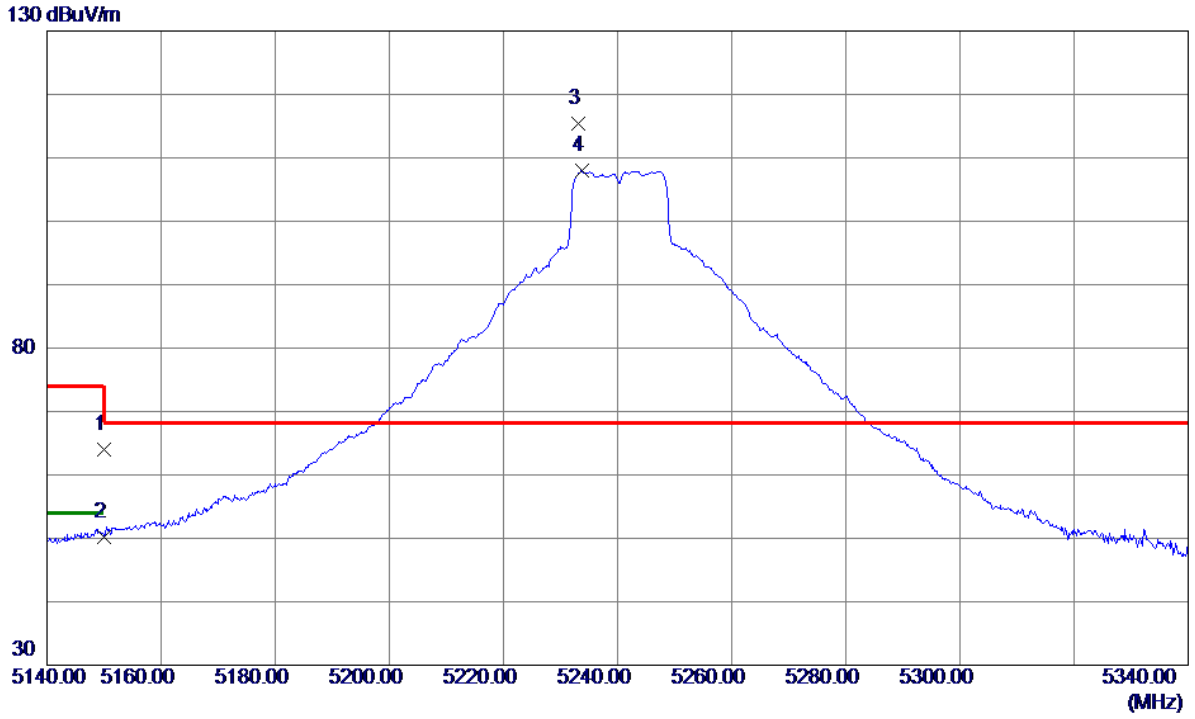
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478.3000	46.89	1.63	48.52	68.30	-19.78	Peak	

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

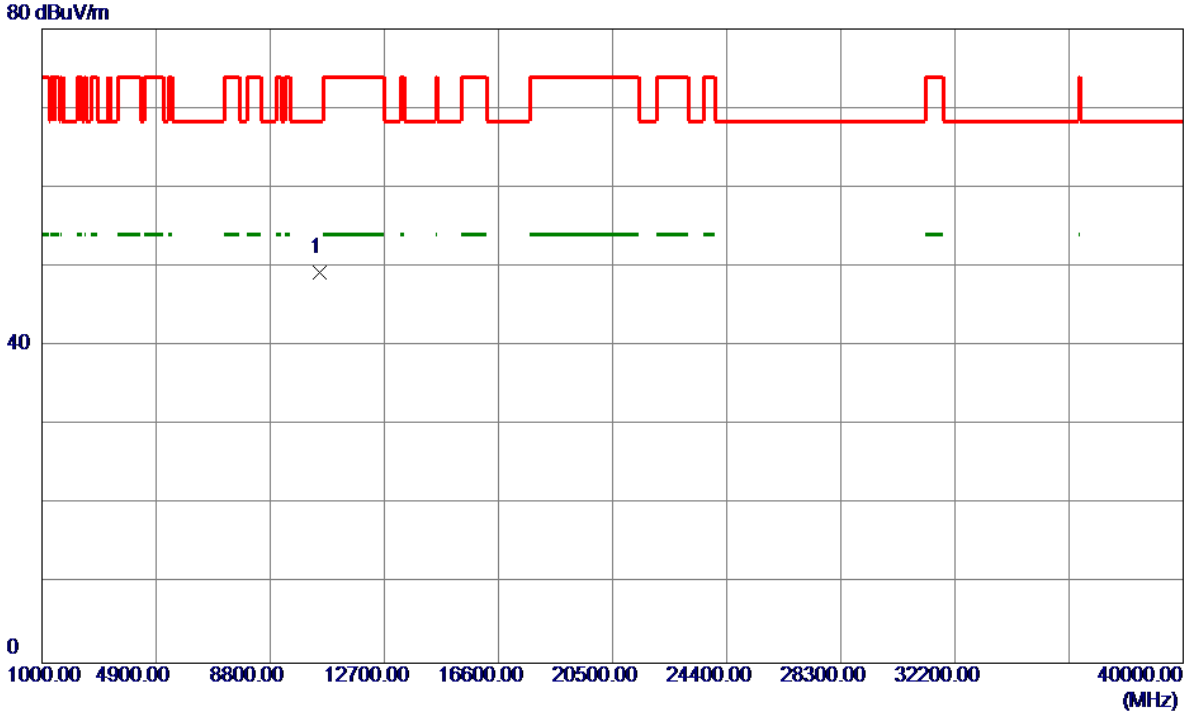
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.04	39.00	64.04	74.00	-9.96	Peak	
2	5150.0000	11.24	39.00	50.24	54.00	-3.76	AVG	
3 *	5233.2000	76.18	39.27	115.45	68.30	47.15	Peak	No Limit
4	5233.7000	68.64	39.27	107.91	999.00	-891.09	AVG	No Limit

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

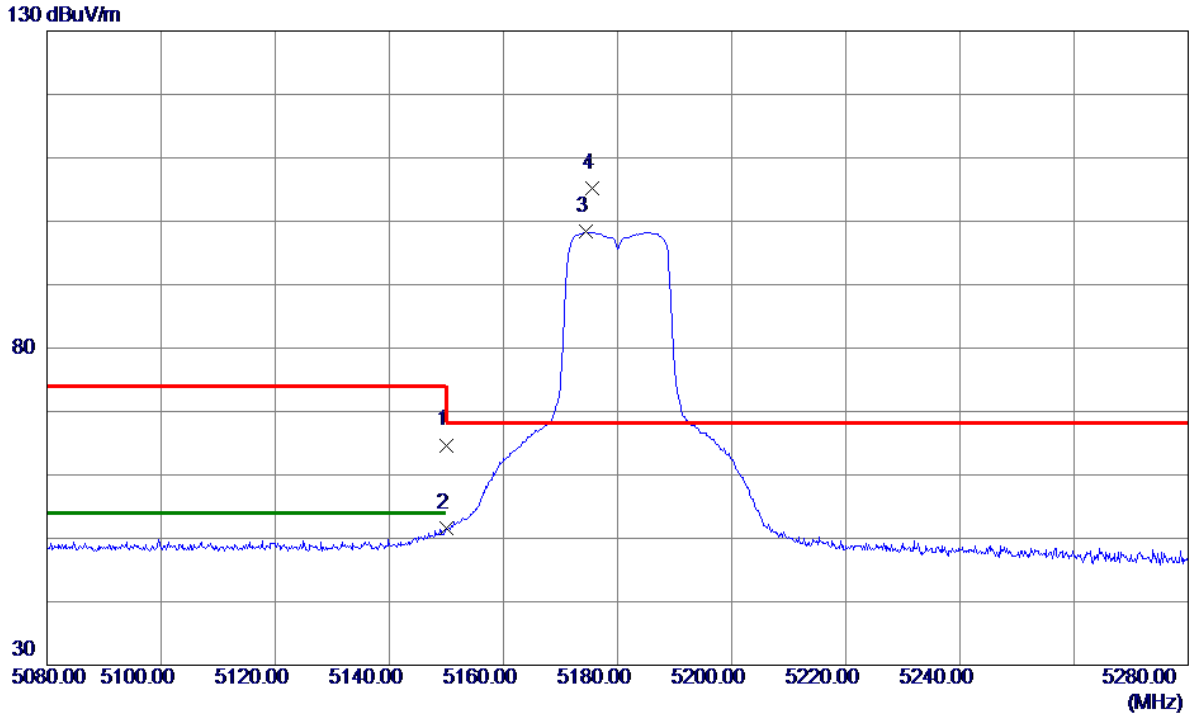
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10477.0100	47.63	1.63	49.26	68.30	-19.04	Peak	

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

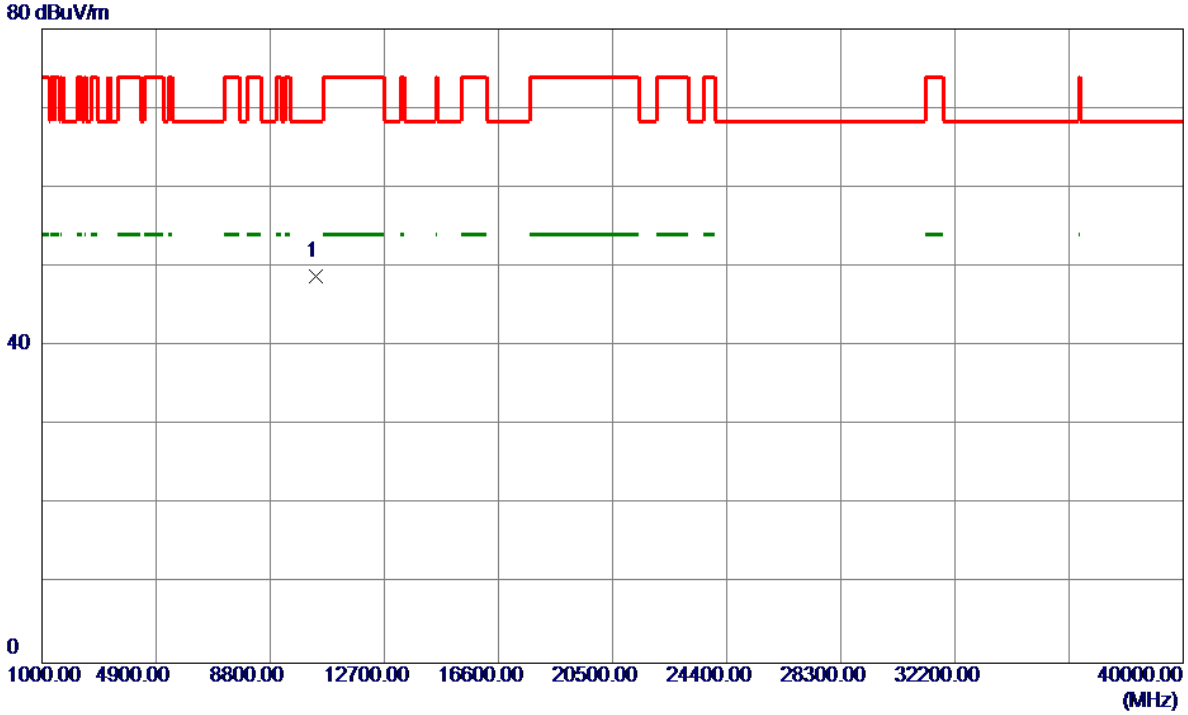
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.70	39.00	64.70	74.00	-9.30	Peak	
2	5150.0000	12.54	39.00	51.54	54.00	-2.46	AVG	
3	5174.5000	59.24	39.08	98.32	999.00	-900.68	AVG	No Limit
4 *	5175.4500	66.04	39.08	105.12	68.30	36.82	Peak	No Limit

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

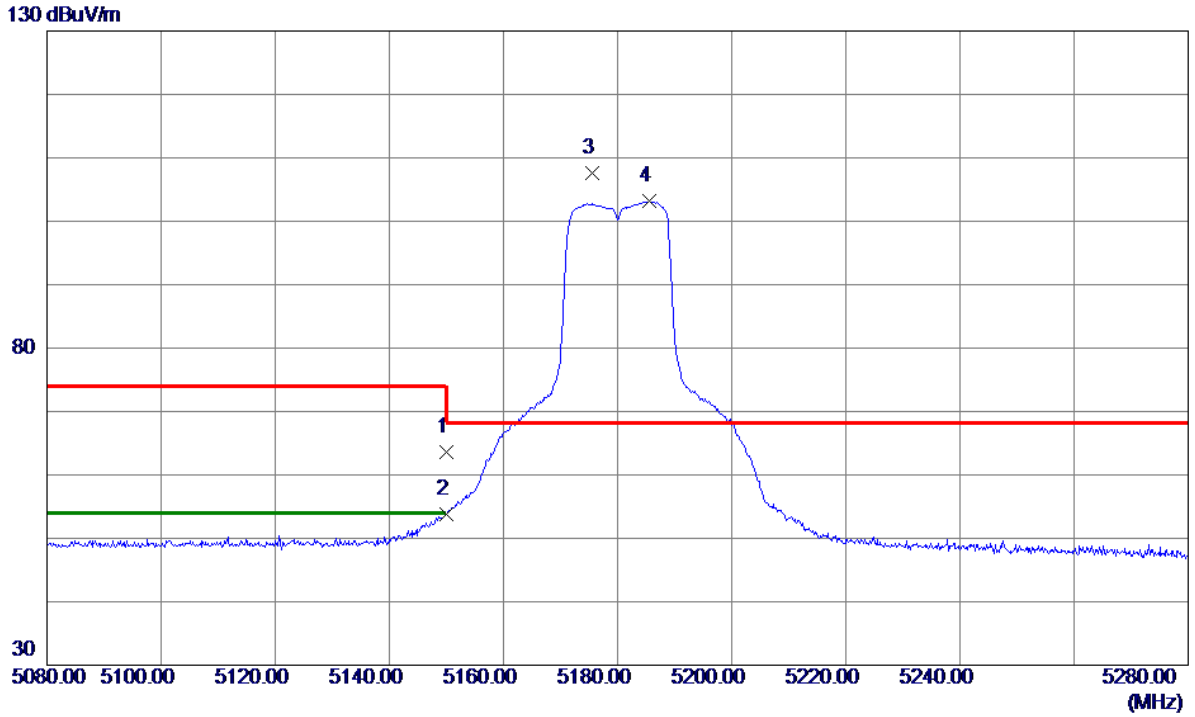
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.6000	47.23	1.52	48.75	68.30	-19.55	Peak	

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

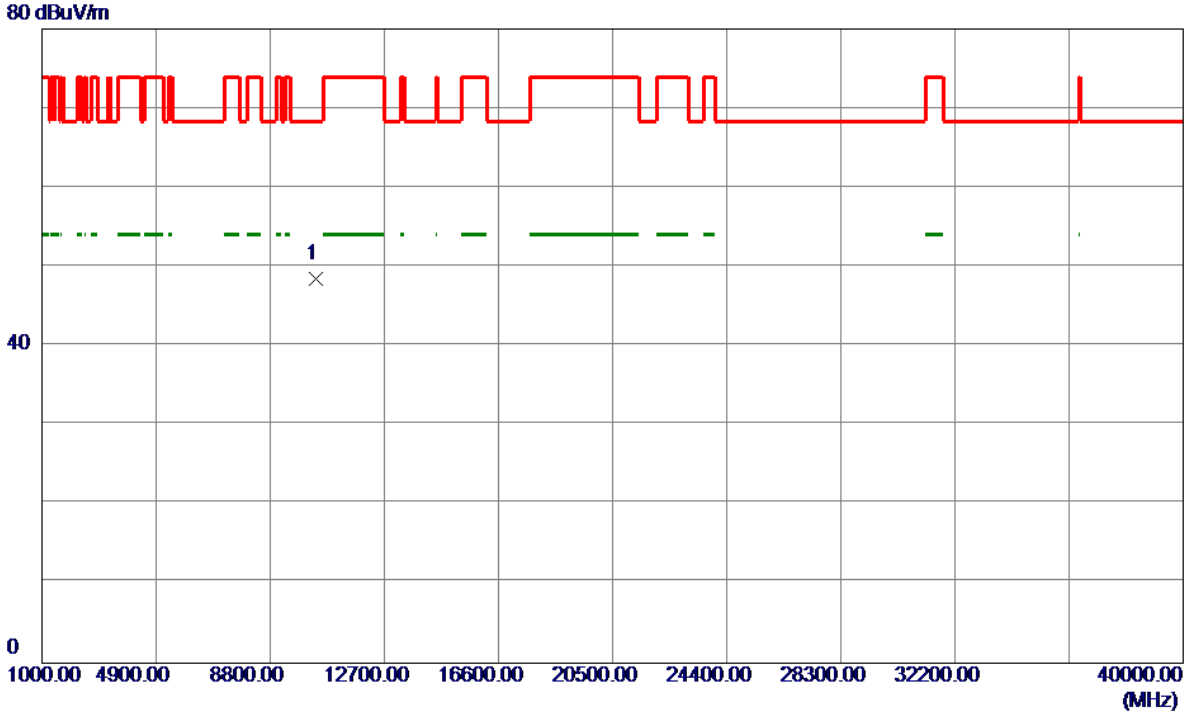
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.57	39.00	63.57	74.00	-10.43	Peak	
2	5150.0000	14.89	39.00	53.89	54.00	-0.11	AVG	
3 *	5175.5000	68.44	39.08	107.52	68.30	39.22	Peak	No Limit
4	5185.5000	64.05	39.11	103.16	999.00	-895.84	AVG	No Limit

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

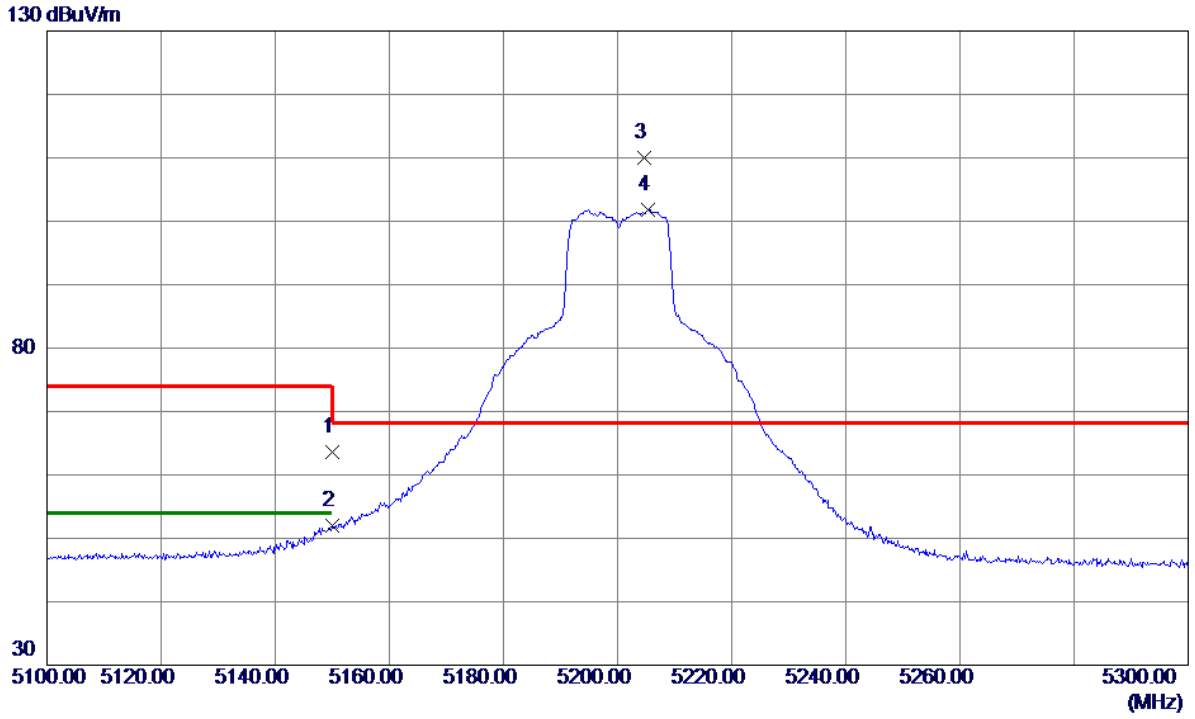
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.1900	46.92	1.52	48.44	68.30	-19.86	Peak	

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

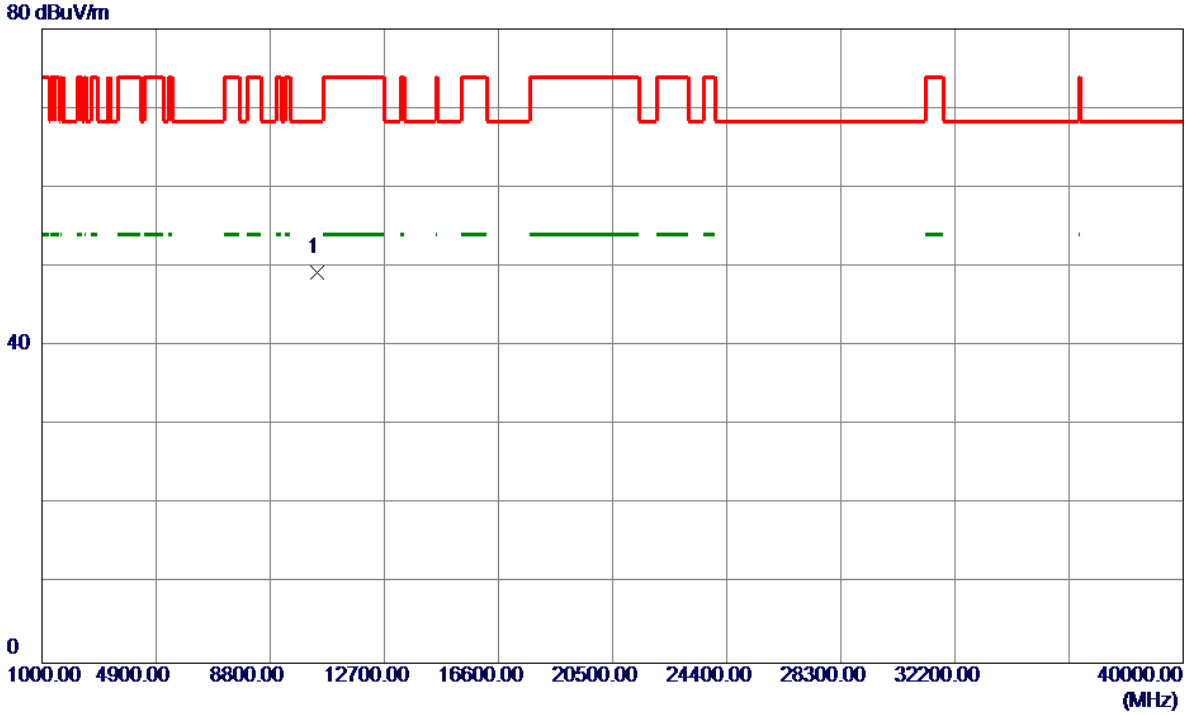
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.67	39.00	63.67	74.00	-10.33	Peak	
2	5150.0000	12.92	39.00	51.92	54.00	-2.08	AVG	
3 *	5204.6800	70.92	39.18	110.10	68.30	41.80	Peak	No Limit
4	5205.4000	62.67	39.18	101.85	999.00	-897.15	AVG	No Limit

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

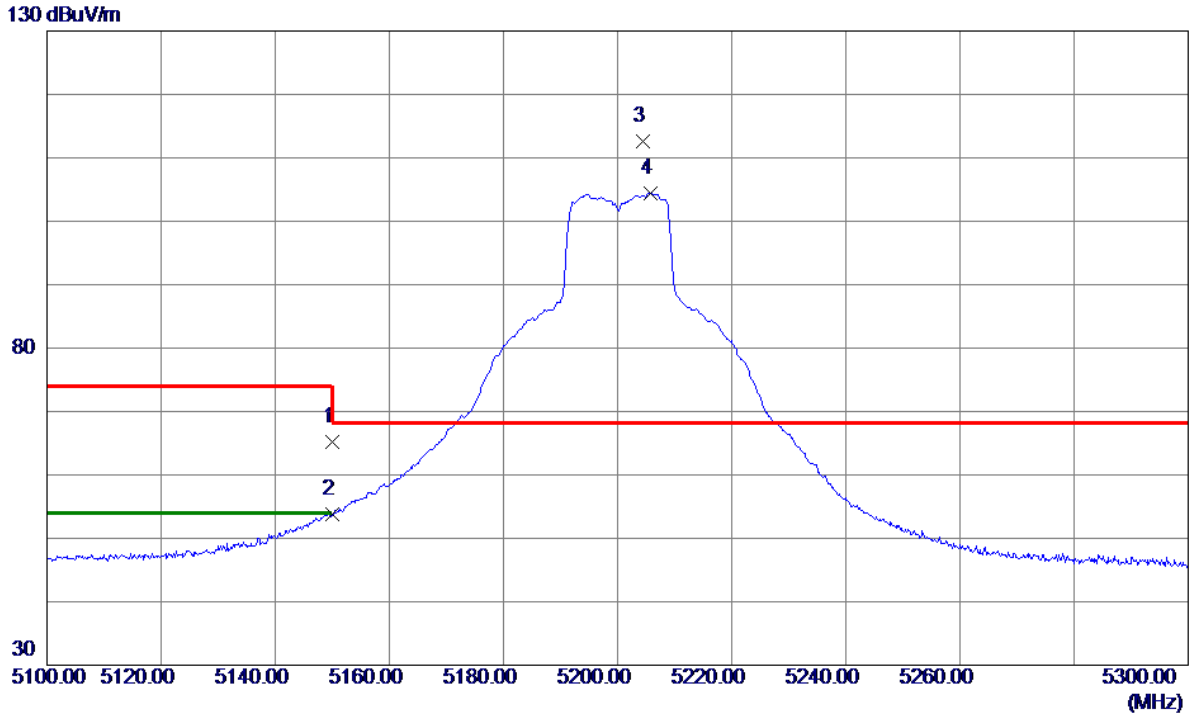
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.0890	47.65	1.56	49.21	68.30	-19.09	Peak	

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

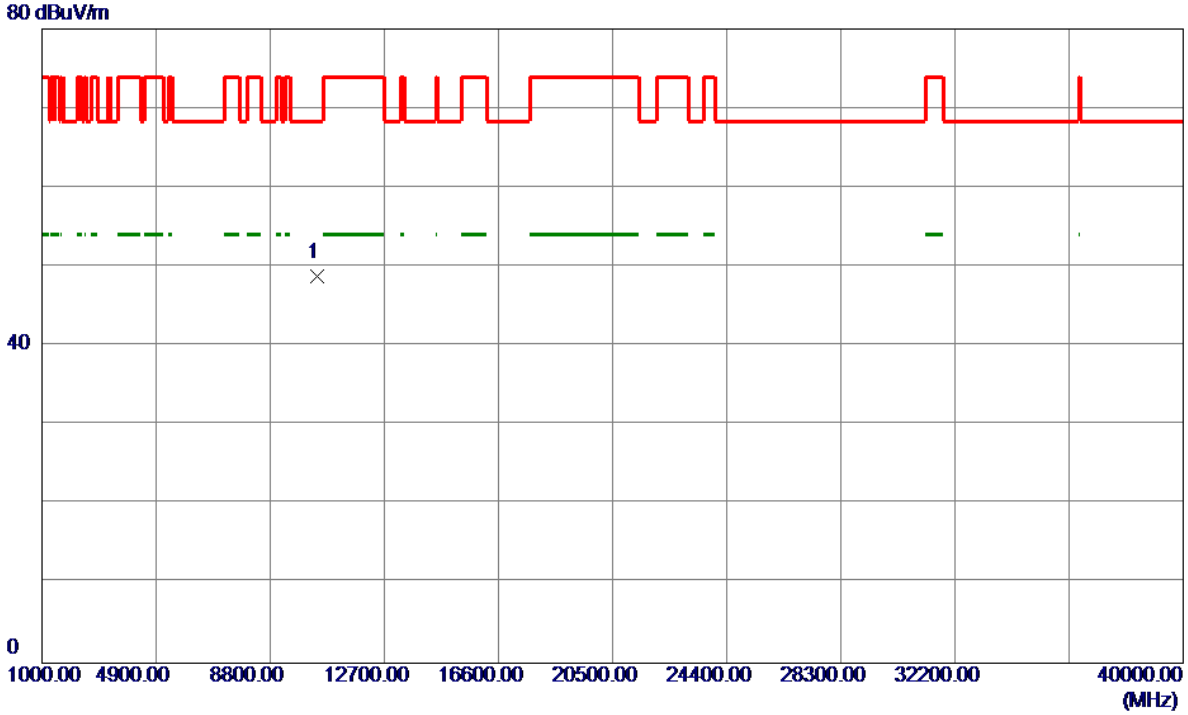
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.17	39.00	65.17	74.00	-8.83	Peak	
2	5150.0000	14.85	39.00	53.85	54.00	-0.15	AVG	
3 *	5204.4000	73.35	39.18	112.53	68.30	44.23	Peak	No Limit
4	5205.7000	65.25	39.18	104.43	999.00	-894.57	AVG	No Limit

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

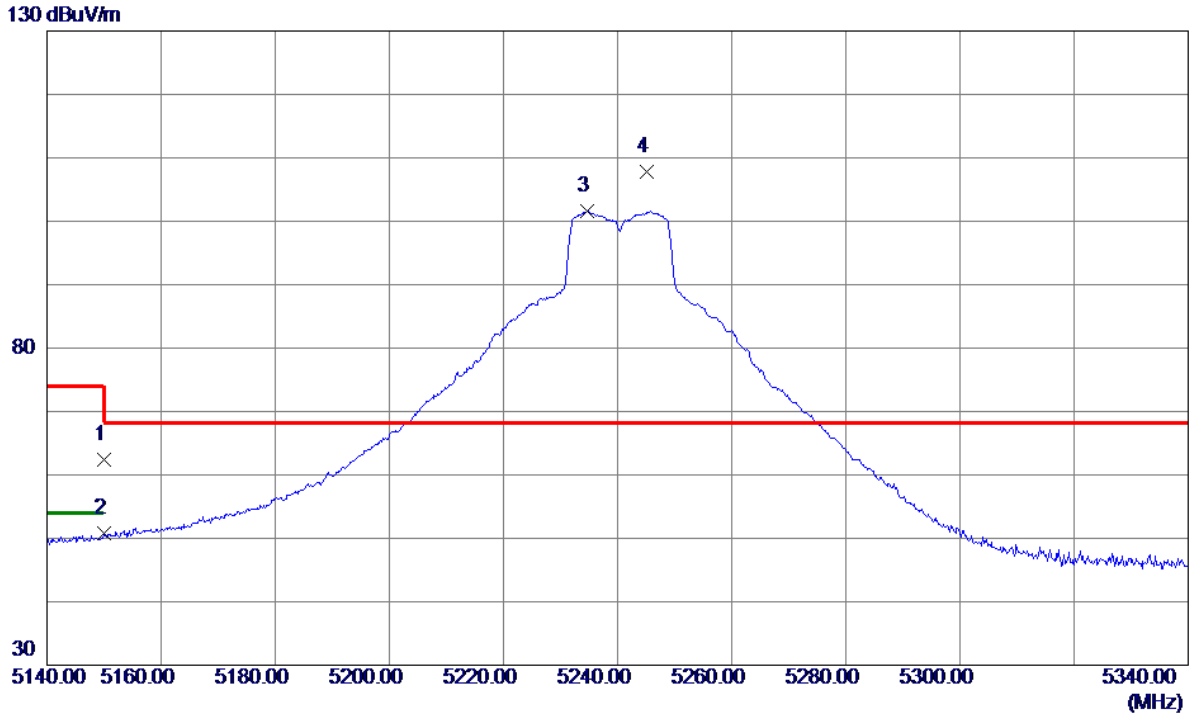
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10398.2000	47.16	1.56	48.72	68.30	-19.58	Peak	

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

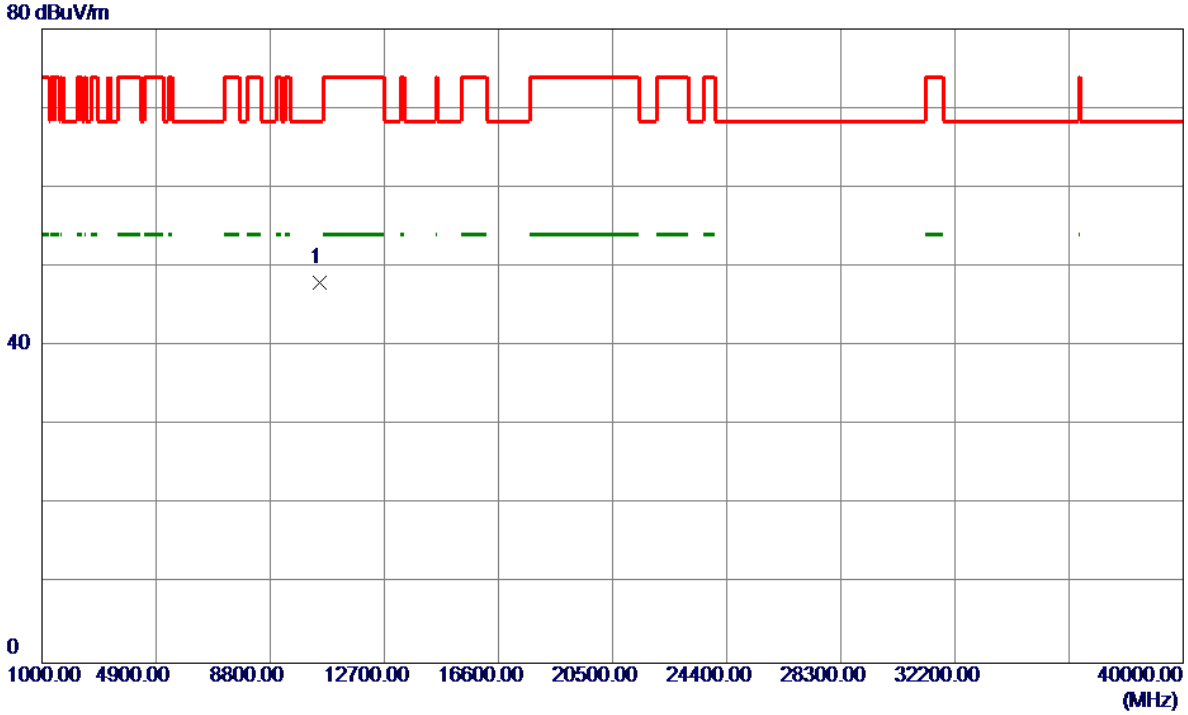
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.38	39.00	62.38	74.00	-11.62	Peak	
2	5150.0000	11.87	39.00	50.87	54.00	-3.13	AVG	
3	5234.7000	62.25	39.28	101.53	999.00	-897.47	AVG	No Limit
4 *	5245.1000	68.45	39.31	107.76	68.30	39.46	Peak	No Limit

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

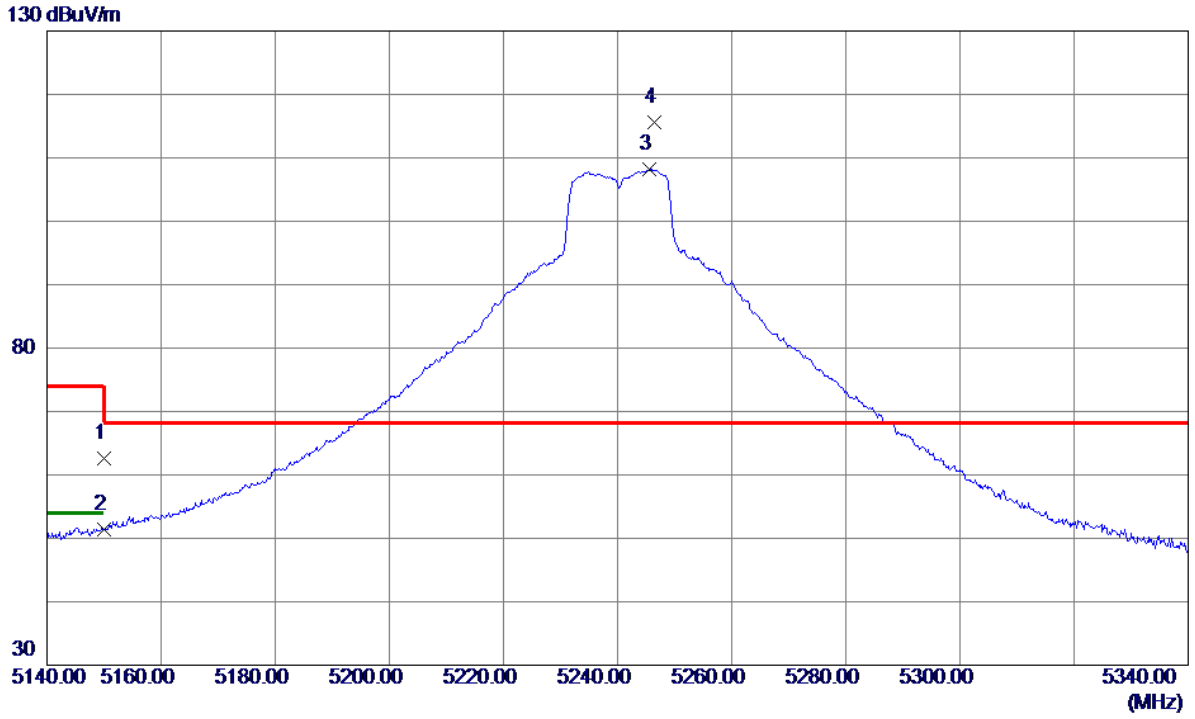
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10477.3900	46.44	1.63	48.07	68.30	-20.23	Peak	

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

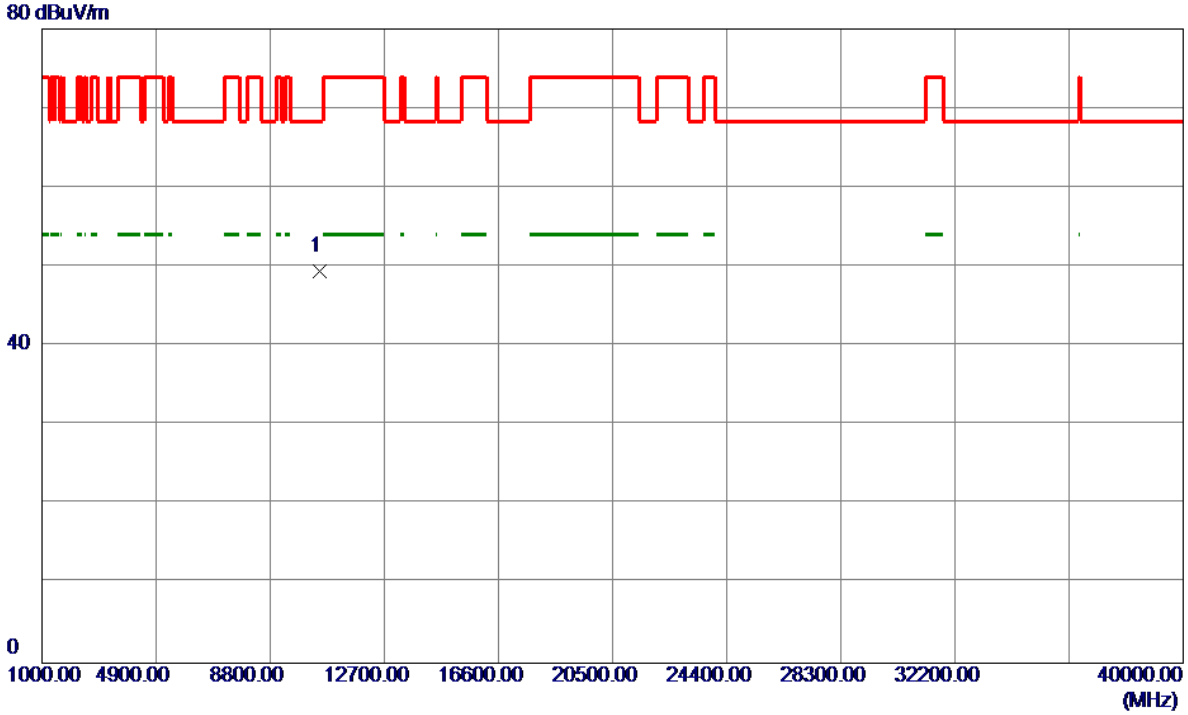
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.68	39.00	62.68	74.00	-11.32	Peak	
2	5150.0000	12.49	39.00	51.49	54.00	-2.51	AVG	
3	5245.6000	68.81	39.31	108.12	999.00	-890.88	AVG	No Limit
4 *	5246.5000	76.35	39.31	115.66	68.30	47.36	Peak	No Limit

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

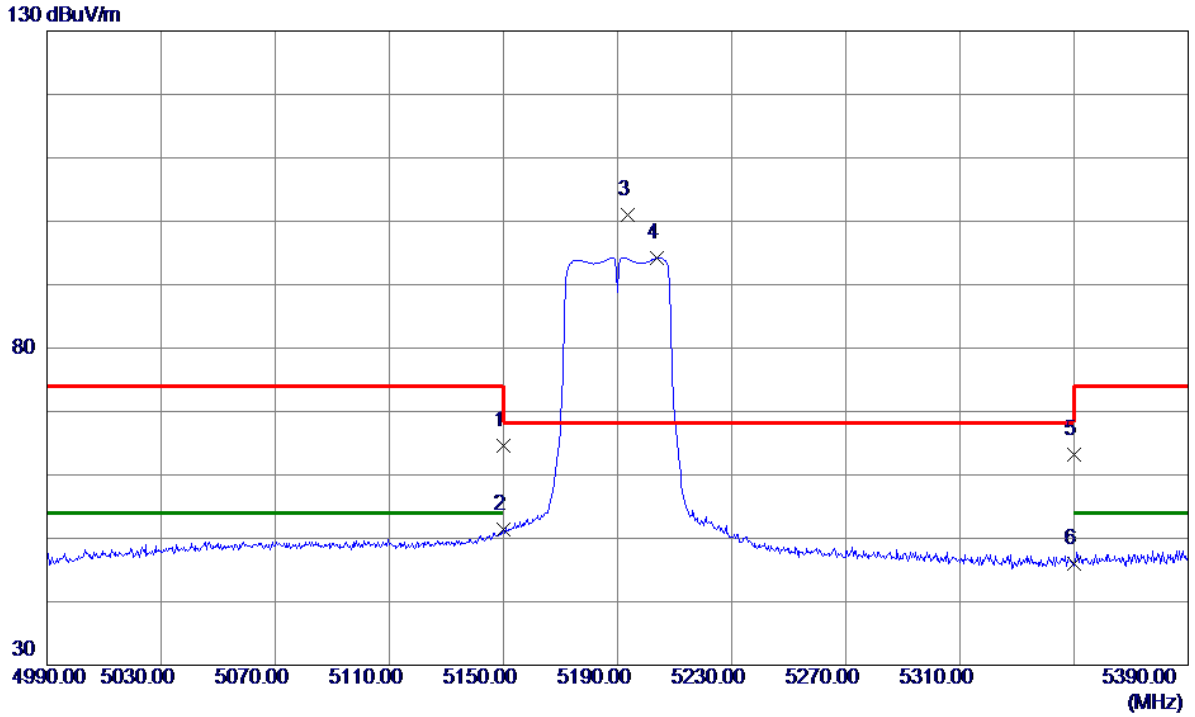
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478.4500	47.75	1.63	49.38	68.30	-18.92	Peak	

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

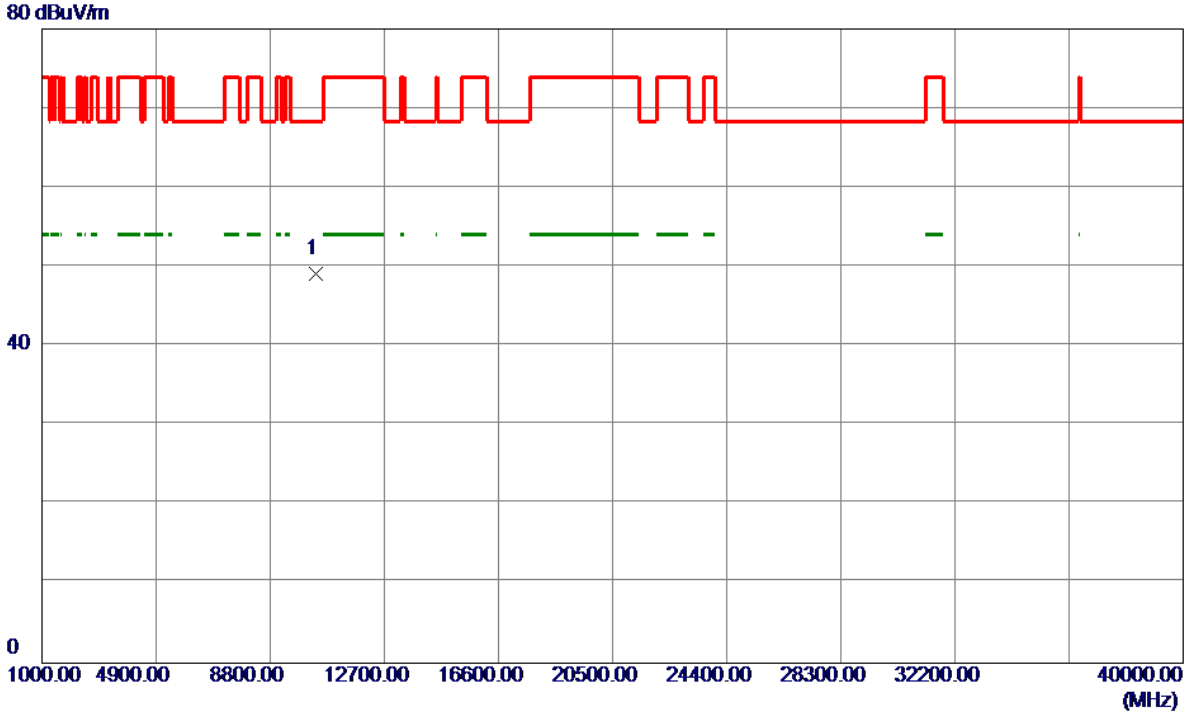
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.58	39.00	64.58	74.00	-9.42	Peak	
2	5150.0000	12.32	39.00	51.32	54.00	-2.68	AVG	
3 *	5193.4000	61.76	39.14	100.90	68.30	32.60	Peak	No Limit
4	5203.6000	55.09	39.17	94.26	999.00	-904.74	AVG	No Limit
5	5350.0000	23.46	39.65	63.11	74.00	-10.89	Peak	
6	5350.0000	6.36	39.65	46.01	999.00	-952.99	AVG	

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

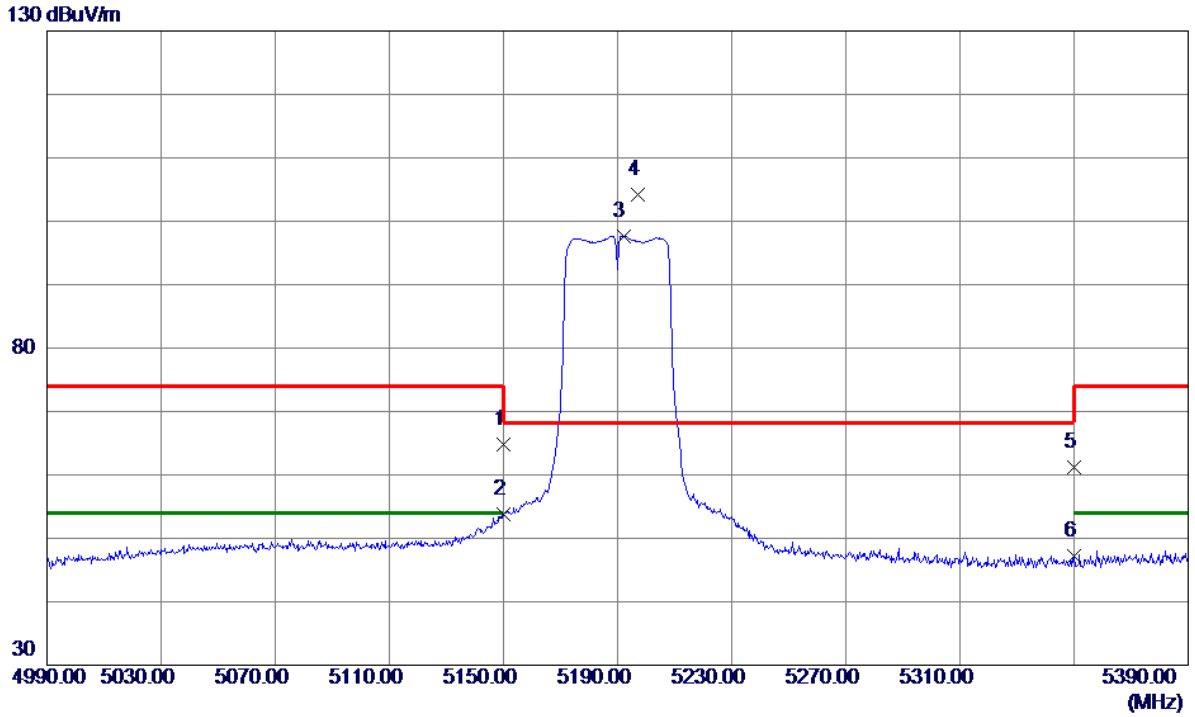
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.2000	47.56	1.54	49.10	68.30	-19.20	Peak	

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

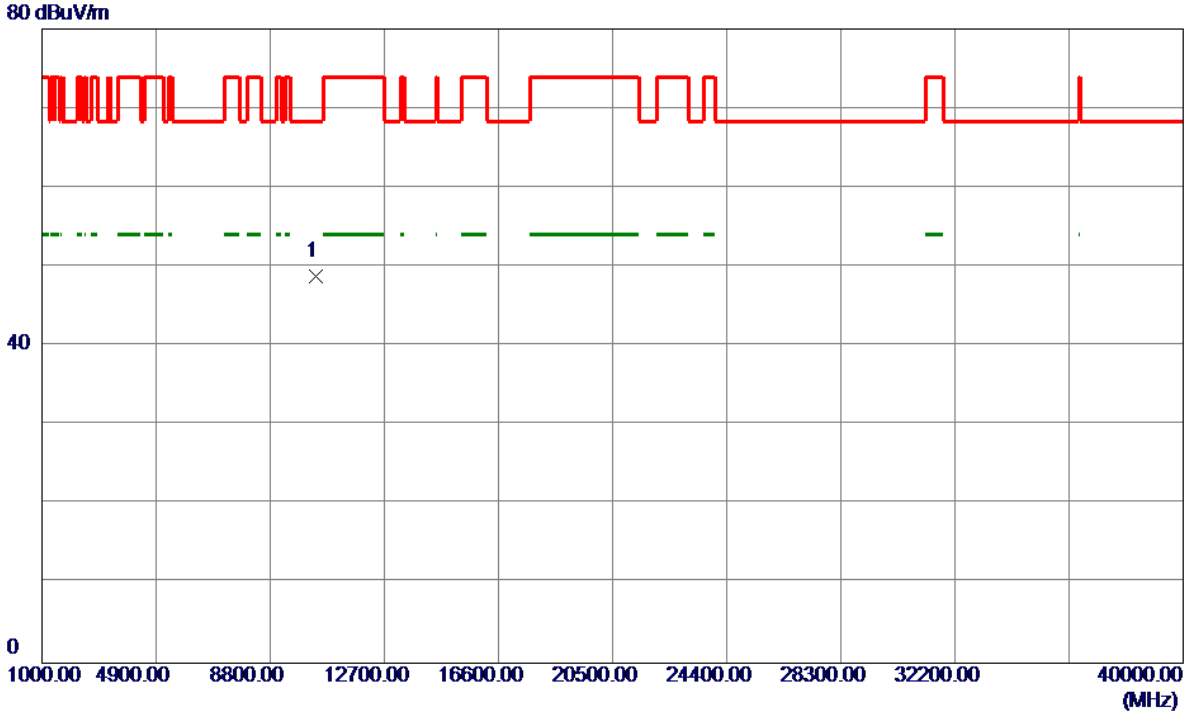
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.84	39.00	64.84	74.00	-9.16	Peak	
2	5150.0000	14.80	39.00	53.80	54.00	-0.20	AVG	
3	5192.0000	58.51	39.14	97.65	999.00	-901.35	AVG	No Limit
4 *	5197.2000	64.97	39.15	104.12	68.30	35.82	Peak	No Limit
5	5350.0000	21.46	39.65	61.11	74.00	-12.89	Peak	
6	5350.0000	7.50	39.65	47.15	999.00	-951.85	AVG	

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

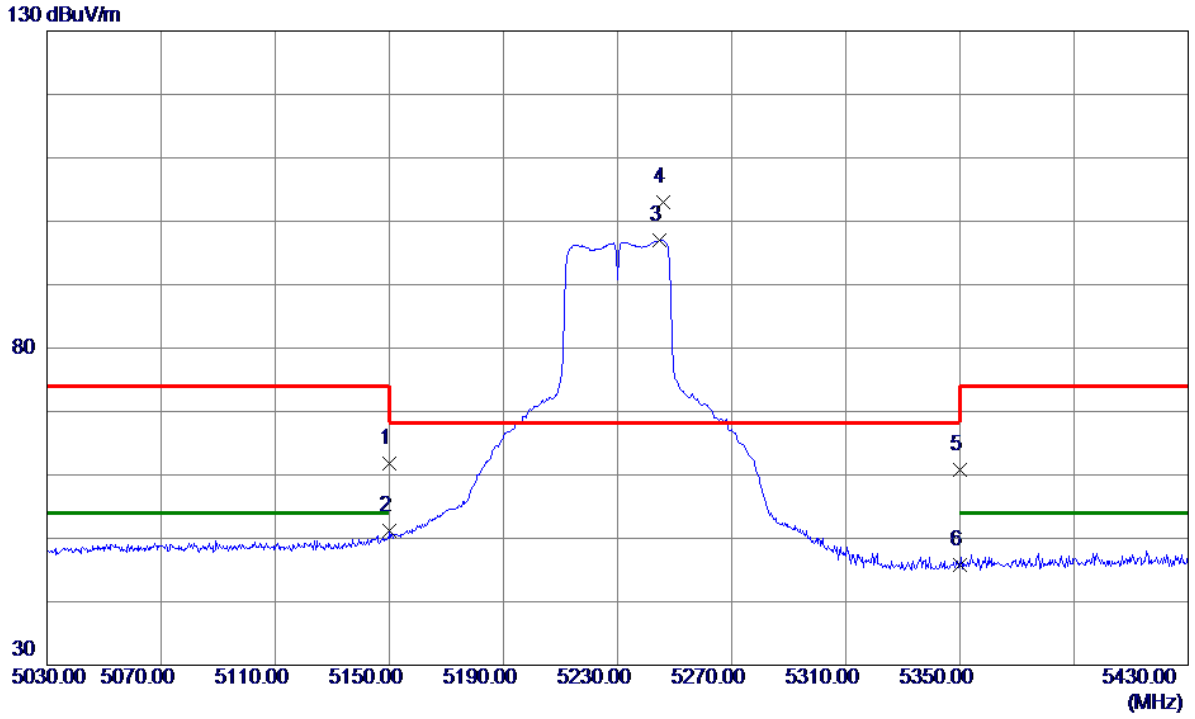
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10381.5400	47.28	1.54	48.82	68.30	-19.48	Peak	

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

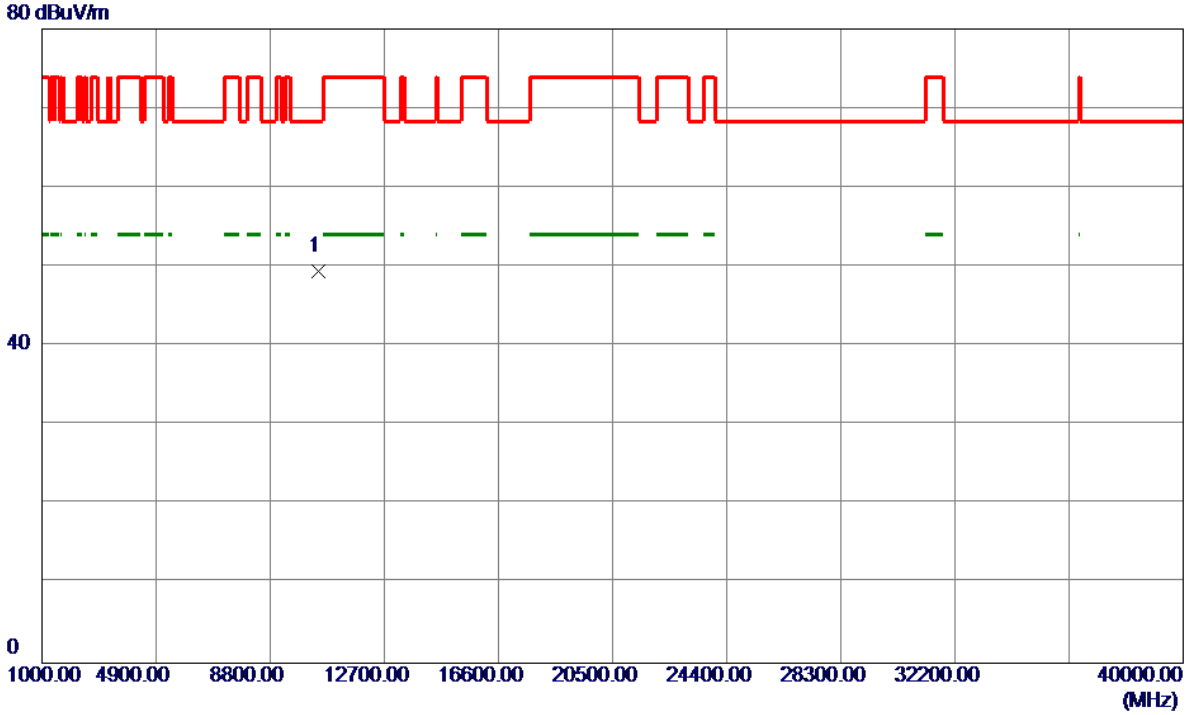
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.86	39.00	61.86	74.00	-12.14	Peak	
2	5150.0000	12.17	39.00	51.17	54.00	-2.83	AVG	
3	5244.6000	57.65	39.31	96.96	999.00	-902.04	AVG	No Limit
4 *	5246.0000	63.70	39.31	103.01	68.30	34.71	Peak	No Limit
5	5350.0000	21.24	39.65	60.89	74.00	-13.11	Peak	
6	5350.0000	6.18	39.65	45.83	999.00	-953.17	AVG	

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

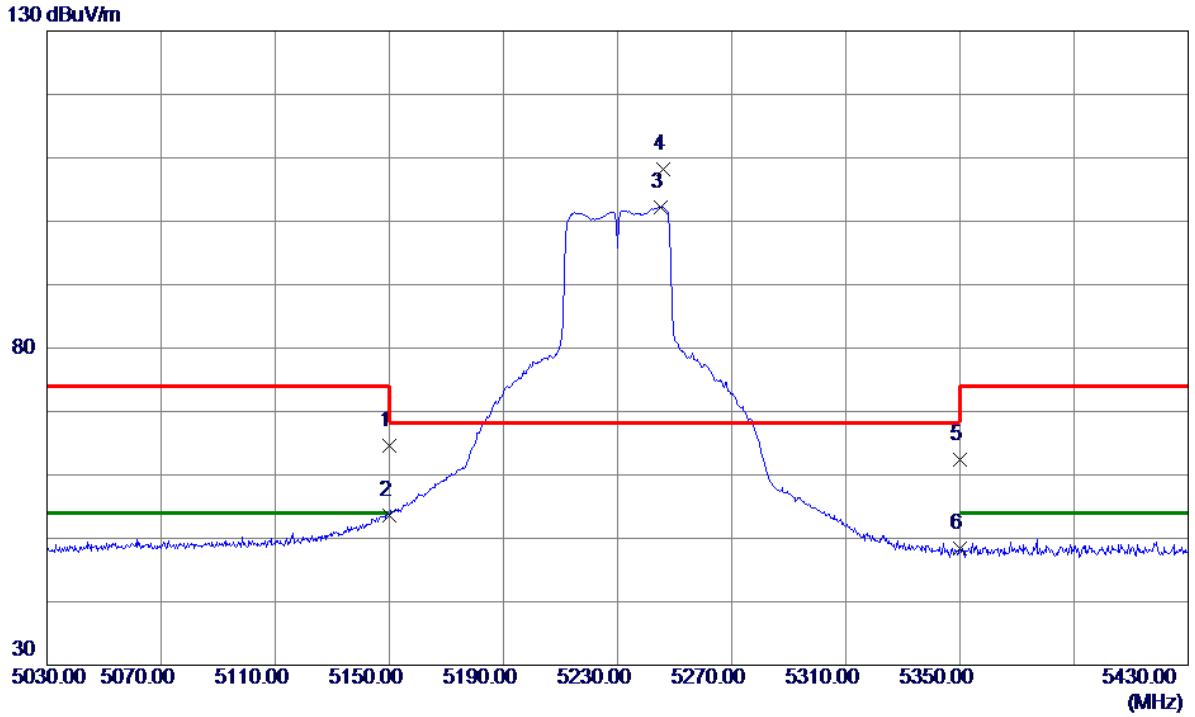
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10462.0800	47.79	1.62	49.41	68.30	-18.89	Peak	

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

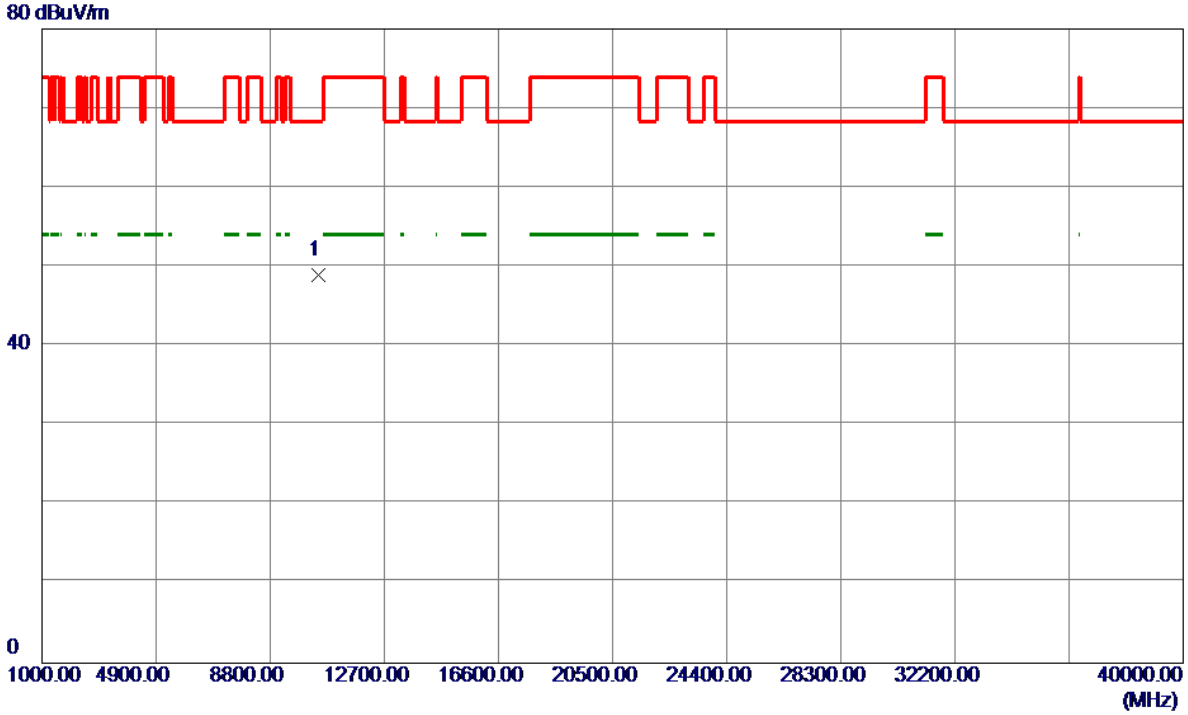
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.59	39.00	64.59	74.00	-9.41	Peak	
2	5150.0000	14.65	39.00	53.65	54.00	-0.35	AVG	
3	5245.0000	62.90	39.31	102.21	999.00	-896.79	AVG	No Limit
4 *	5245.8000	68.87	39.31	108.18	68.30	39.88	Peak	No Limit
5	5350.0000	22.66	39.65	62.31	74.00	-11.69	Peak	
6	5350.0000	8.66	39.65	48.31	999.00	-950.69	AVG	

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

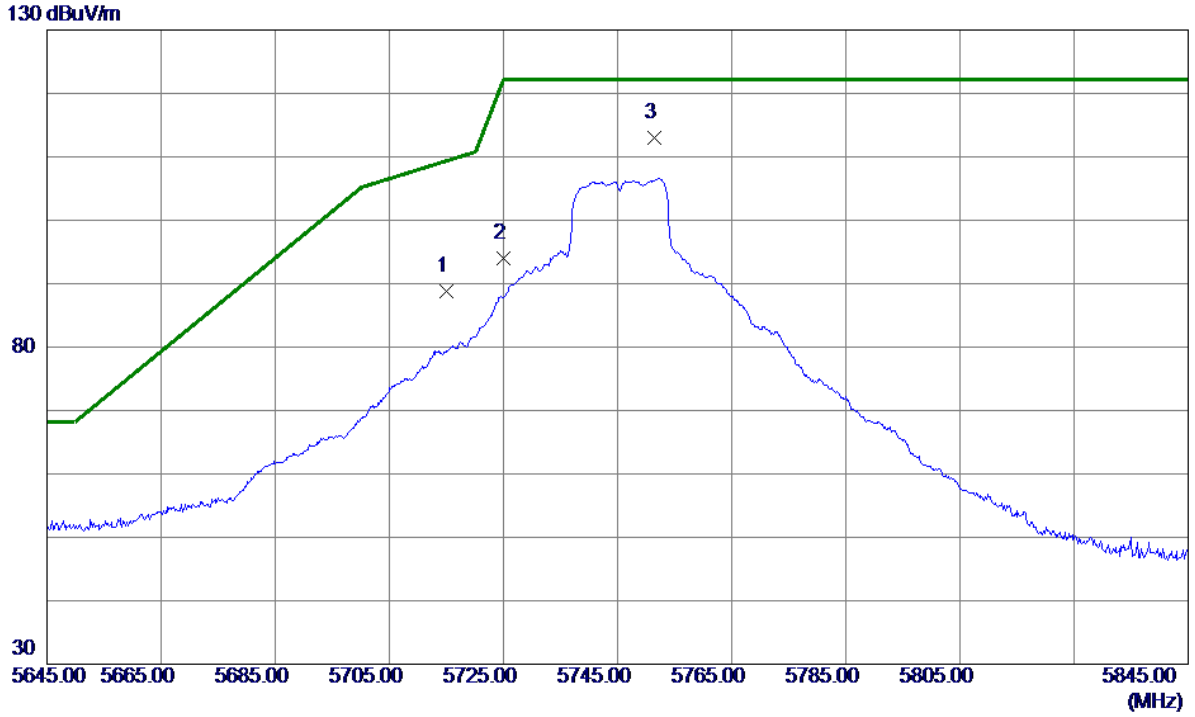
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10461.8600	47.40	1.62	49.02	68.30	-19.28	Peak	

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

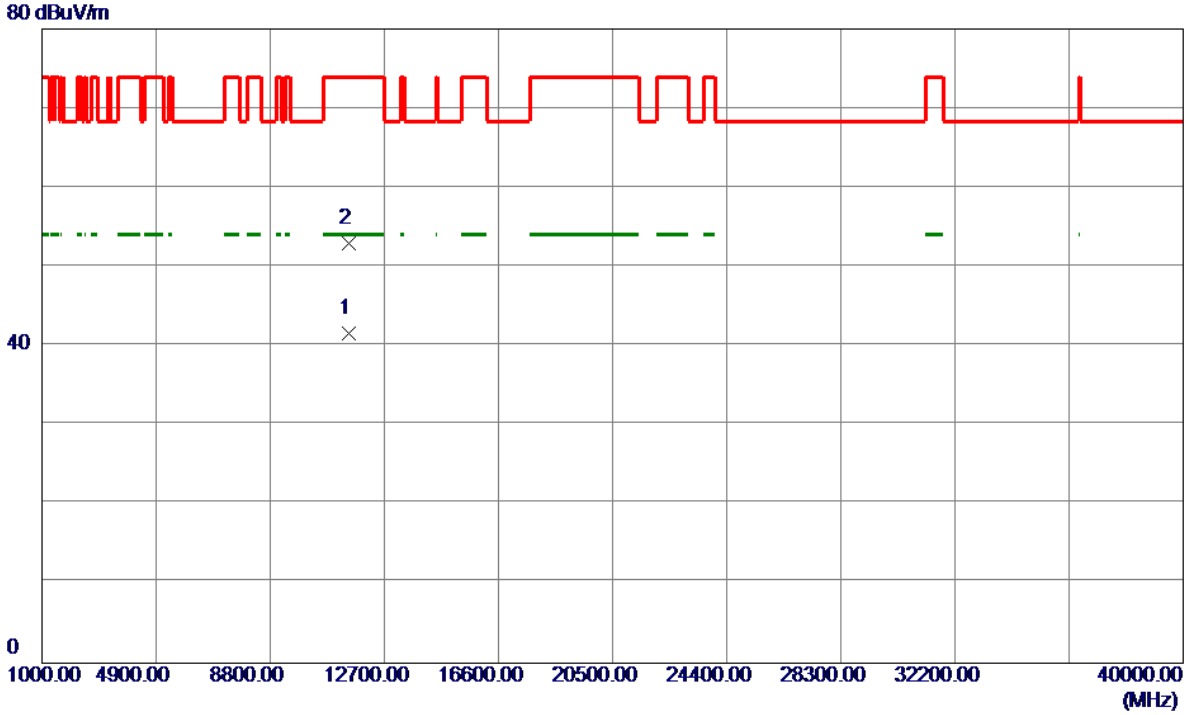
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	48.39	40.32	88.71	109.40	-20.69	Peak	
2	5725.0000	53.70	40.33	94.03	122.20	-28.17	Peak	
3 *	5751.4000	72.65	40.36	113.01	122.20	-9.19	Peak	

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

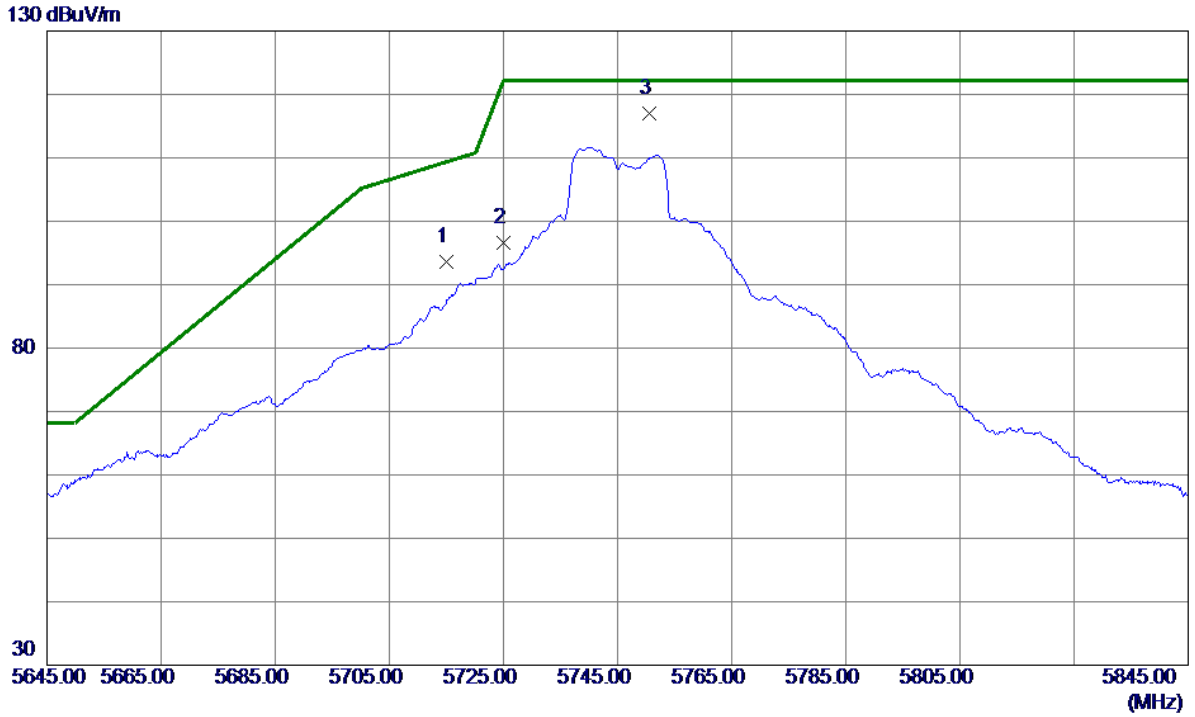
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.8000	39.58	1.99	41.57	54.00	-12.43	AVG	
2	11493.5000	51.00	1.99	52.99	74.00	-21.01	Peak	

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

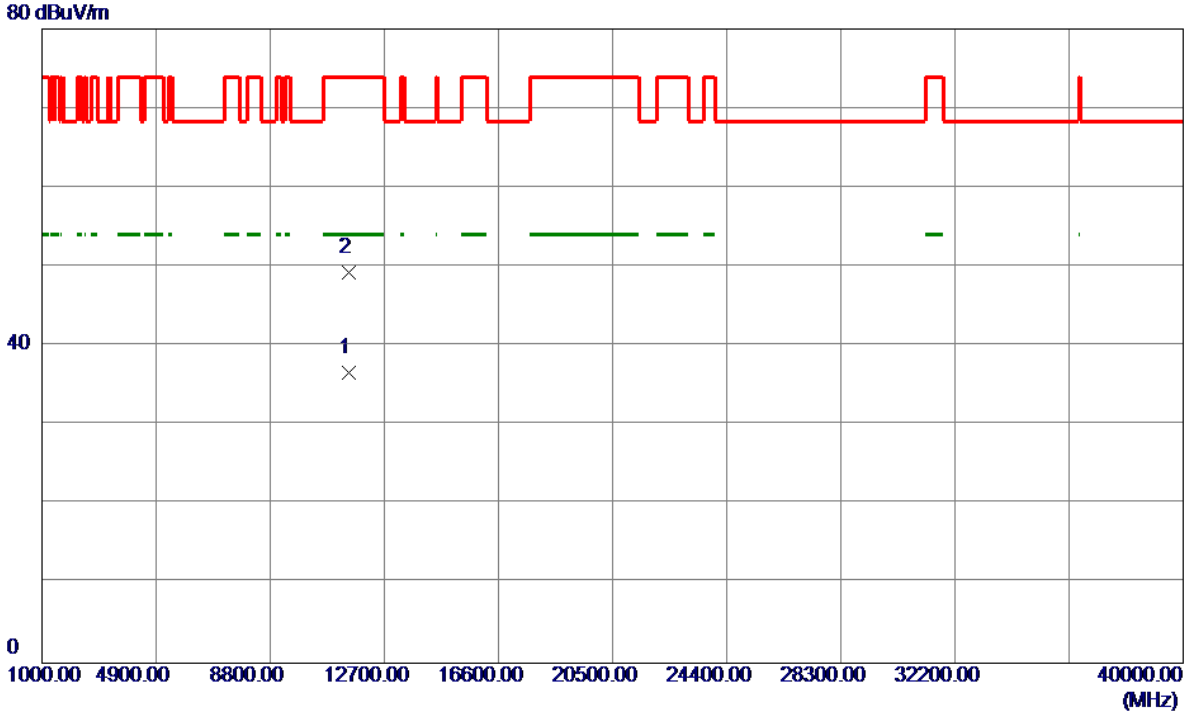
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	53.25	40.32	93.57	109.40	-15.83	Peak	
2	5725.0000	56.22	40.33	96.55	122.20	-25.65	Peak	
3 *	5750.6000	76.57	40.36	116.93	122.20	-5.27	Peak	

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

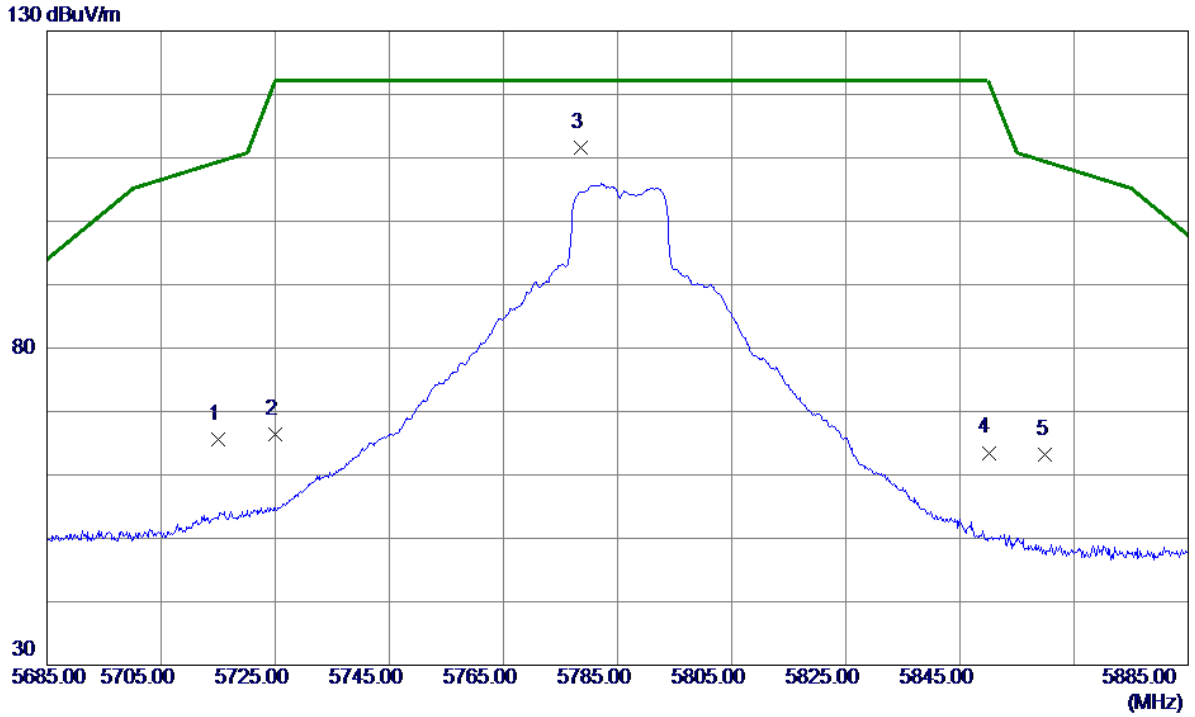
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11491.0000	34.65	1.99	36.64	54.00	-17.36	AVG	
2	11493.6000	47.30	1.99	49.29	74.00	-24.71	Peak	

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

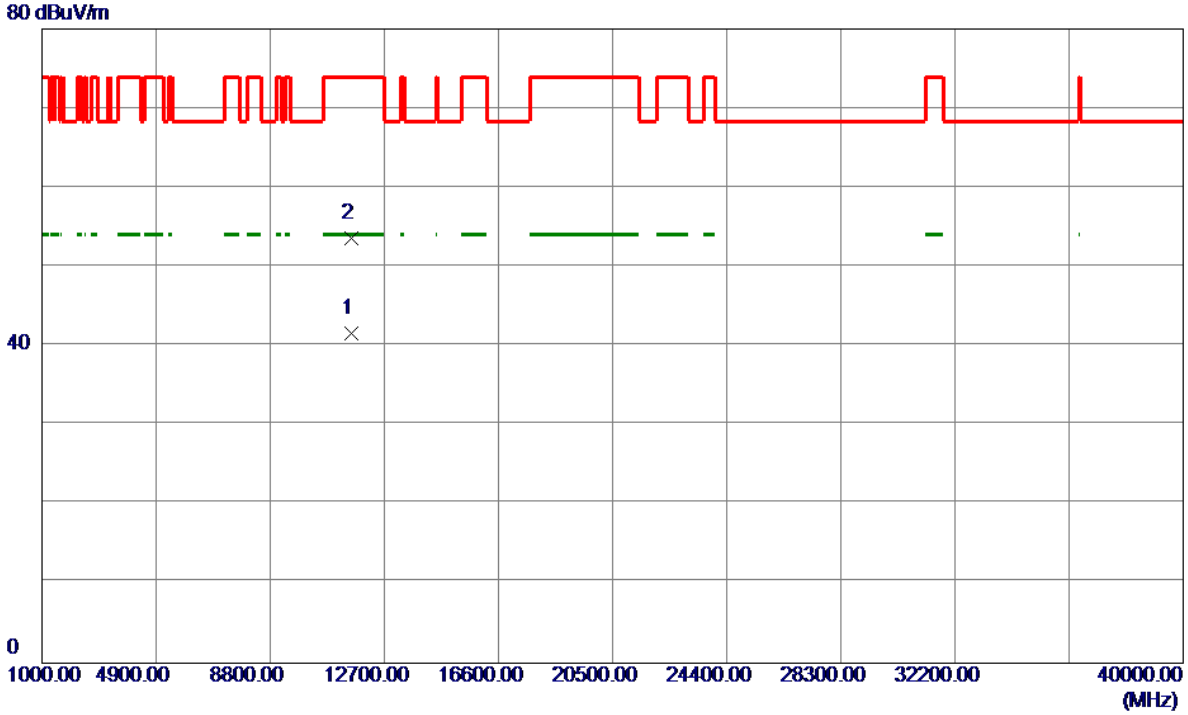
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	25.20	40.32	65.52	109.40	-43.88	Peak	
2	5725.0000	26.03	40.33	66.36	122.20	-55.84	Peak	
3 *	5778.5000	71.17	40.38	111.55	122.20	-10.65	Peak	
4	5850.0000	23.06	40.44	63.50	122.20	-58.70	Peak	
5	5860.0000	22.83	40.45	63.28	109.40	-46.12	Peak	

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

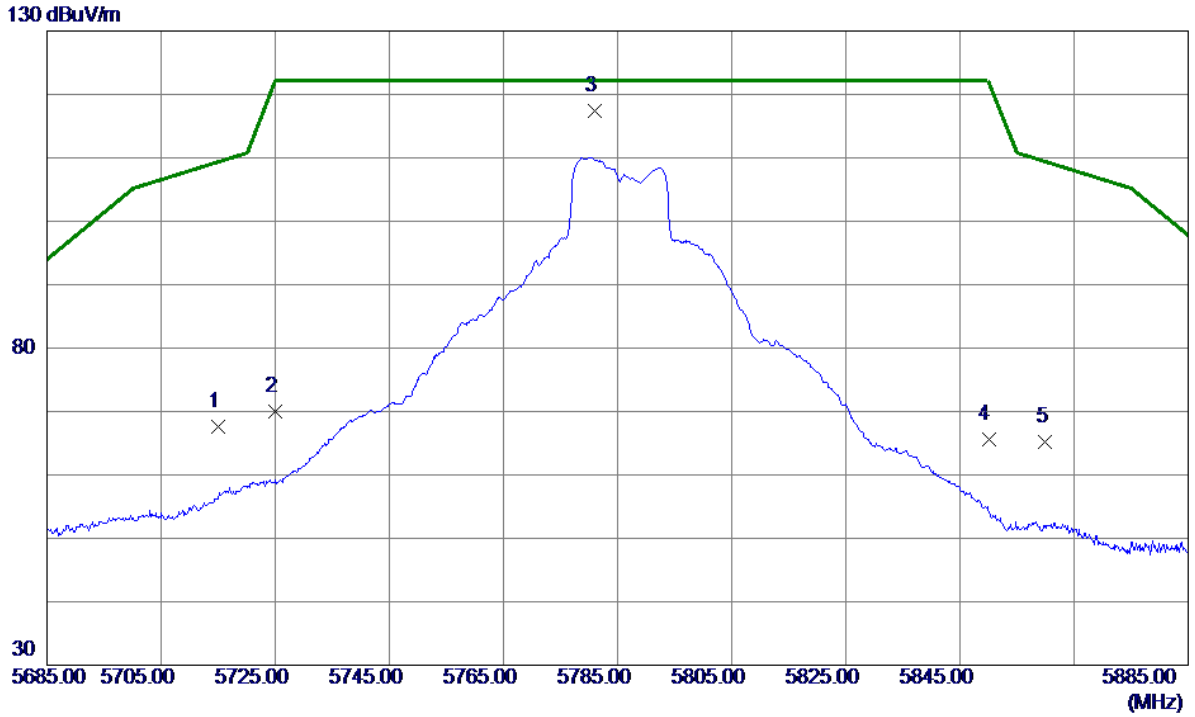
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11571.0199	39.71	1.91	41.62	54.00	-12.38	AVG	
2	11572.9400	51.62	1.91	53.53	74.00	-20.47	Peak	

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

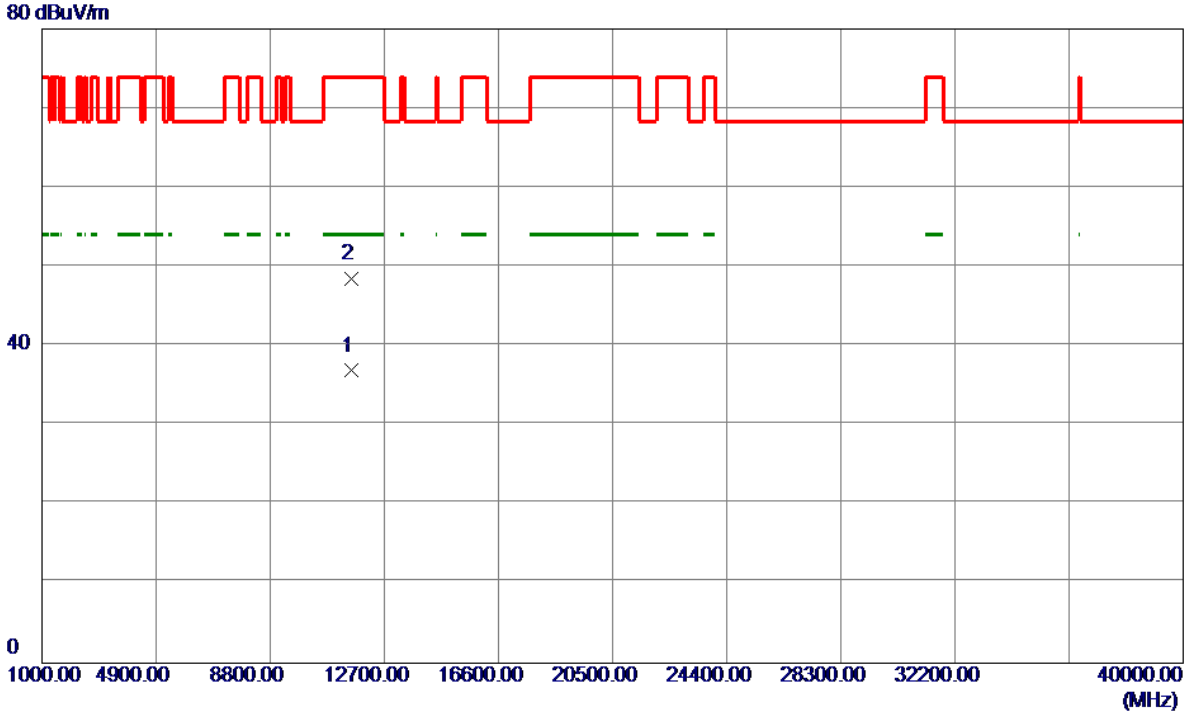
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	27.25	40.32	67.57	109.40	-41.83	Peak	
2	5725.0000	29.67	40.33	70.00	122.20	-52.20	Peak	
3 *	5780.9000	77.05	40.38	117.43	122.20	-4.77	Peak	
4	5850.0000	25.24	40.44	65.68	122.20	-56.52	Peak	
5	5860.0000	24.67	40.45	65.12	109.40	-44.28	Peak	

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

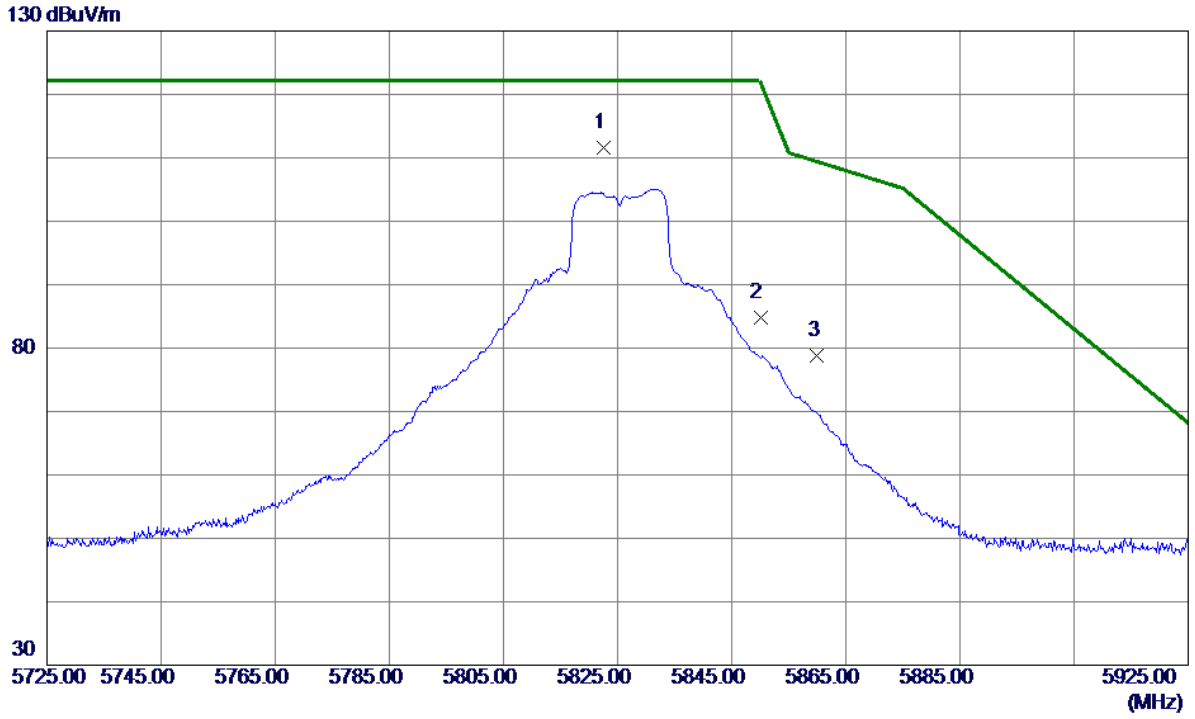
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.4400	34.97	1.91	36.88	54.00	-17.12	AVG	
2	11570.6000	46.55	1.91	48.46	74.00	-25.54	Peak	

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

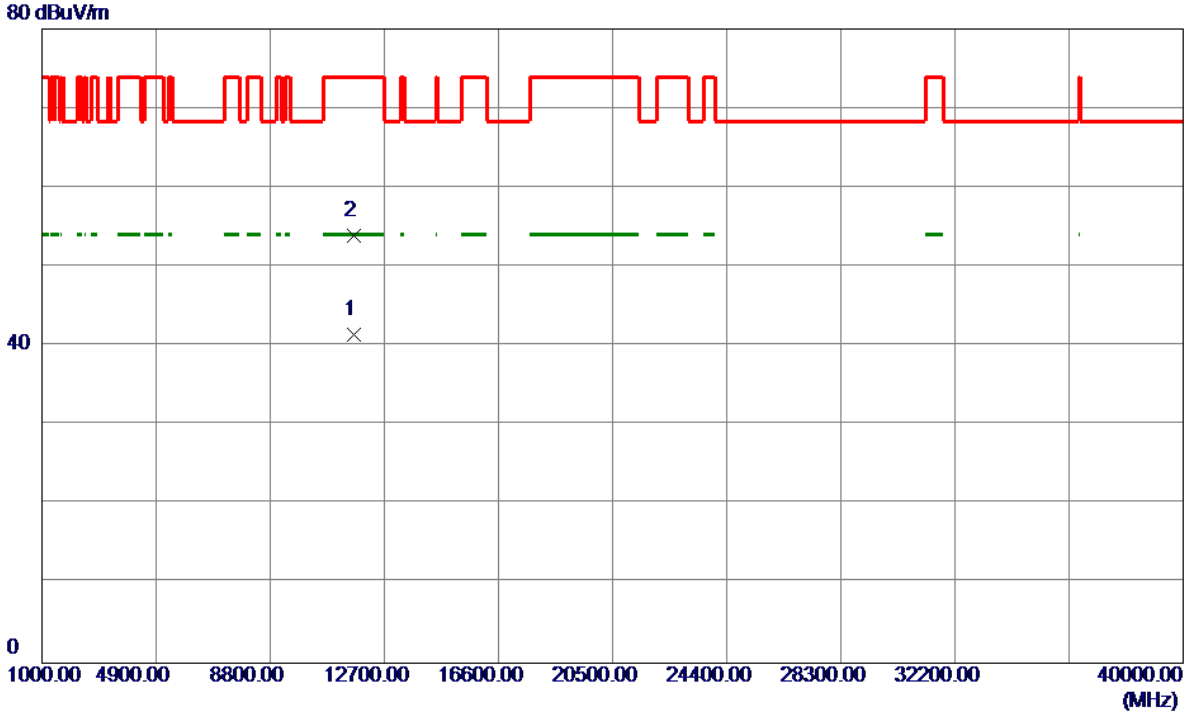
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5822.5000	71.23	40.42	111.65	122.20	-10.55	Peak	
2	5850.0000	44.33	40.44	84.77	122.20	-37.43	Peak	
3	5860.0000	38.42	40.45	78.87	109.40	-30.53	Peak	

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

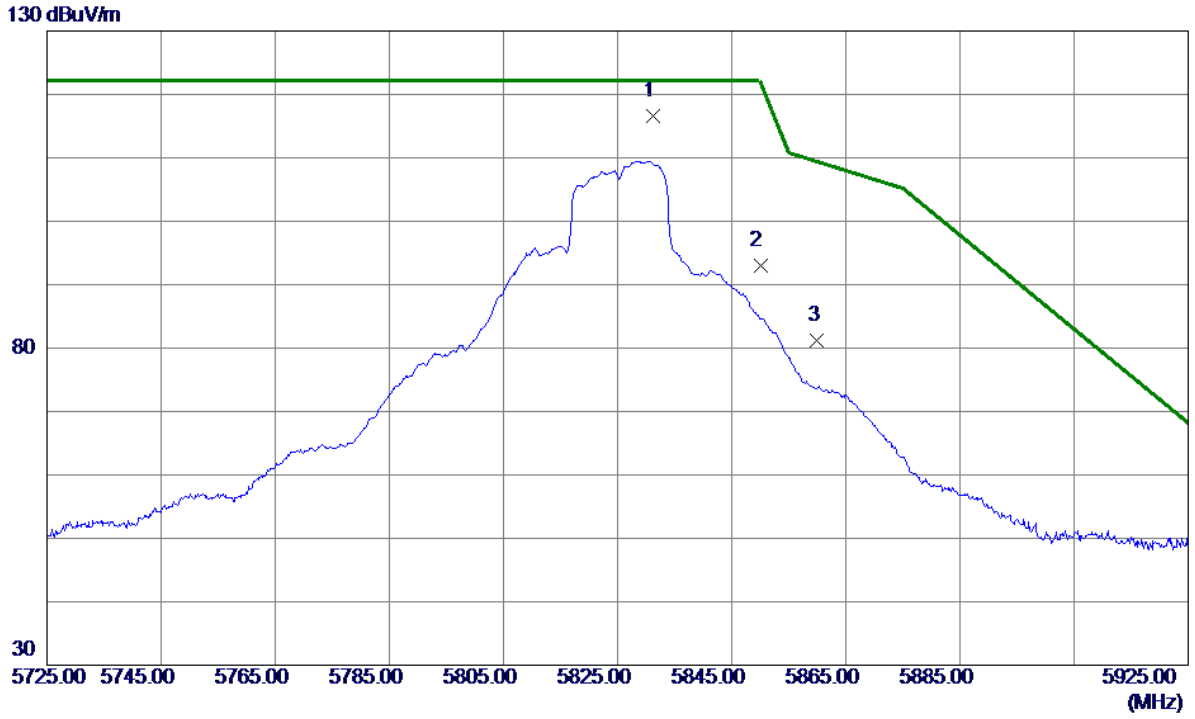
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.8400	39.55	1.83	41.38	54.00	-12.62	AVG	
2	11652.9000	52.11	1.83	53.94	74.00	-20.06	Peak	

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

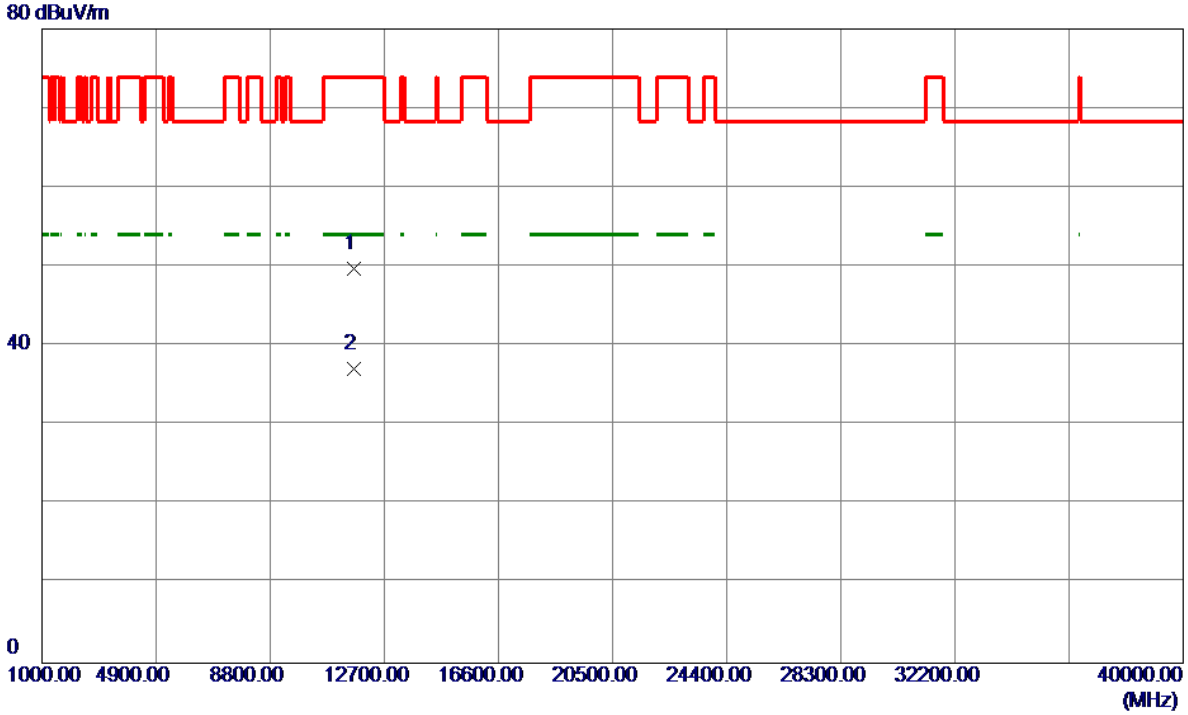
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5831.3000	76.20	40.42	116.62	122.20	-5.58	Peak	
2	5850.0000	52.59	40.44	93.03	122.20	-29.17	Peak	
3	5860.0000	40.80	40.45	81.25	109.40	-28.15	Peak	

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

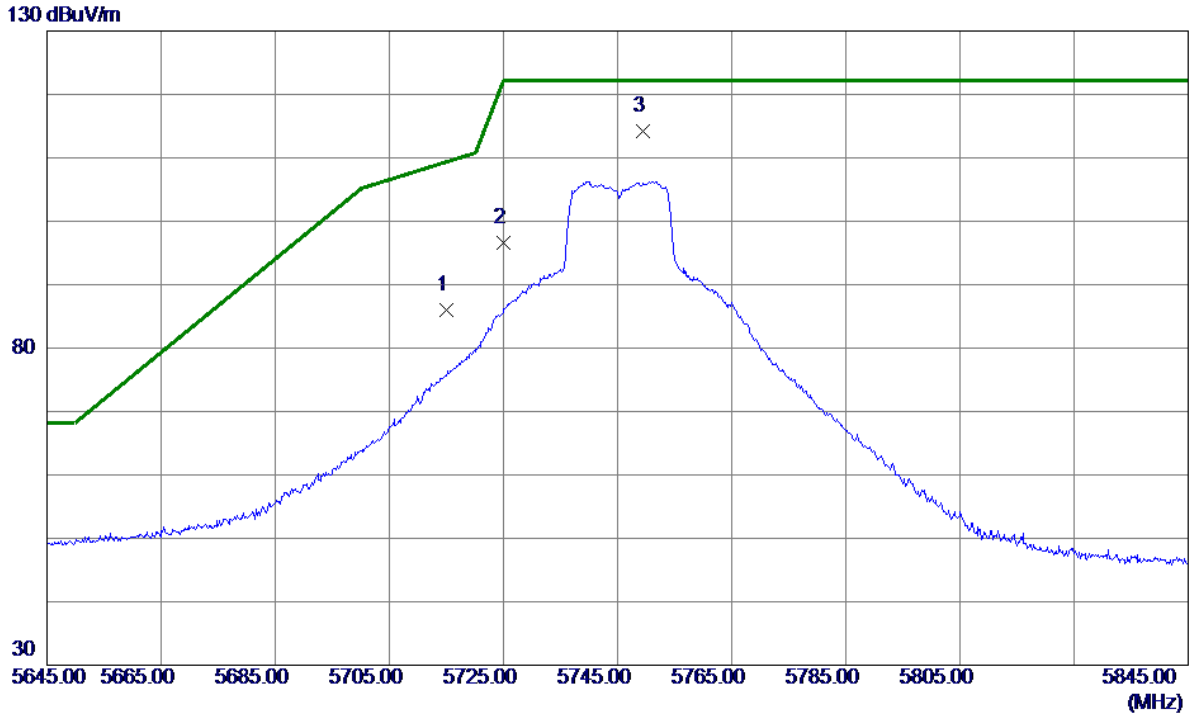
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.2000	47.97	1.83	49.80	74.00	-24.20	Peak	
2 *	11651.3800	35.33	1.83	37.16	54.00	-16.84	AVG	

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

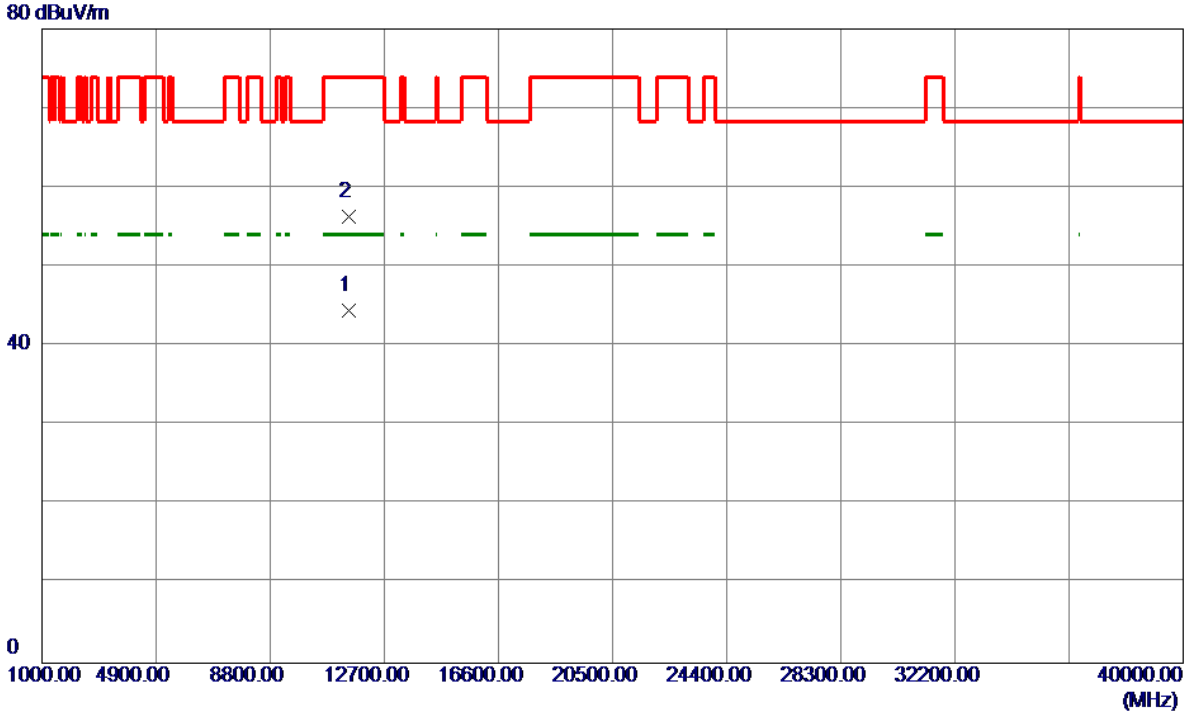
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	45.77	40.32	86.09	109.40	-23.31	Peak	
2	5725.0000	56.31	40.33	96.64	122.20	-25.56	Peak	
3 *	5749.4000	73.95	40.35	114.30	122.20	-7.90	Peak	

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

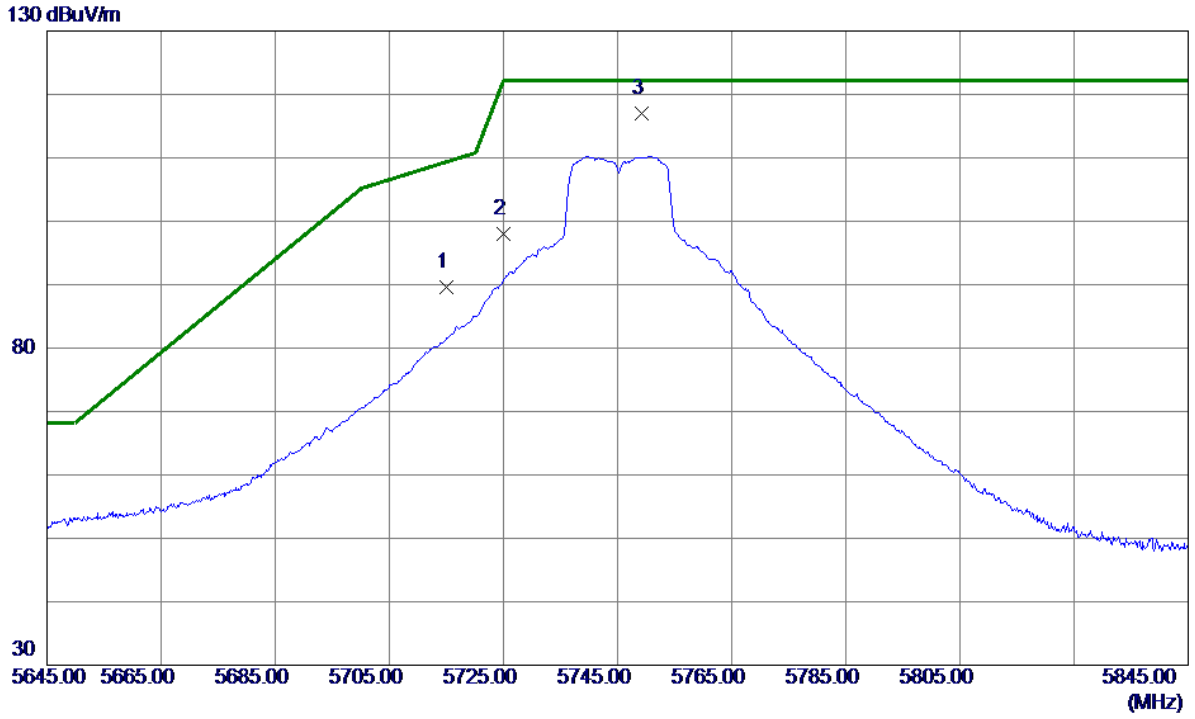
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4500	42.47	1.99	44.46	54.00	-9.54	AVG	
2	11490.5500	54.38	1.99	56.37	74.00	-17.63	Peak	

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

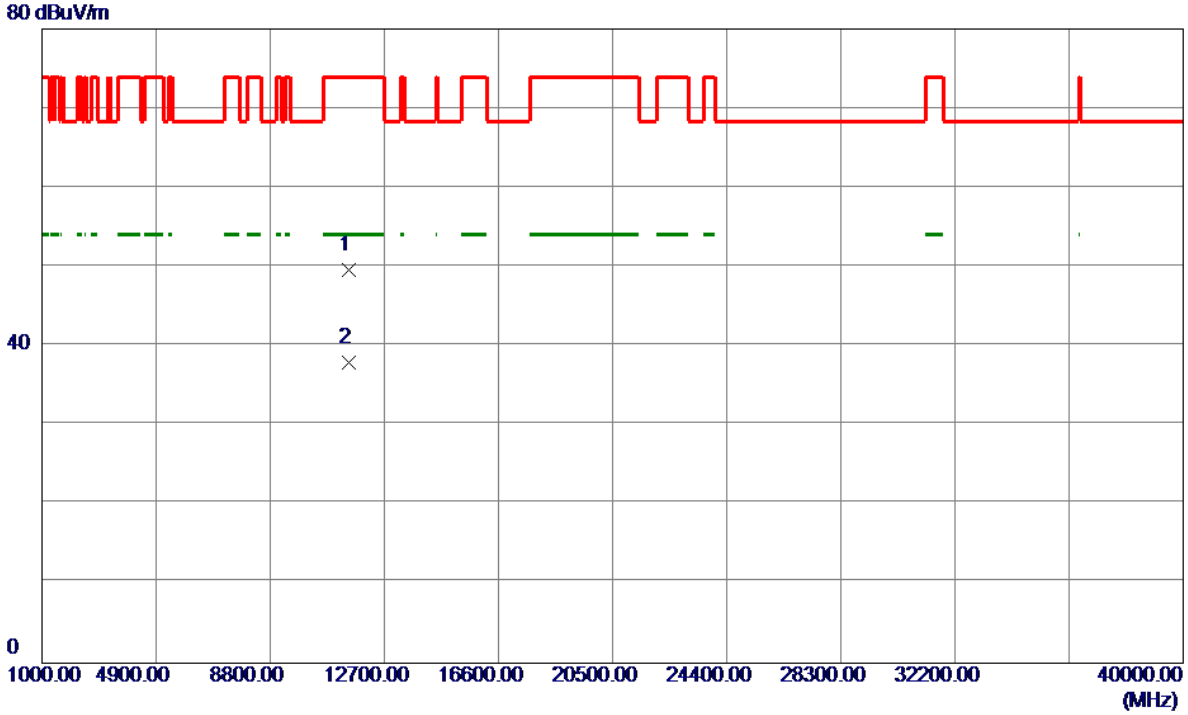
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	49.20	40.32	89.52	109.40	-19.88	Peak	
2	5725.0000	57.76	40.33	98.09	122.20	-24.11	Peak	
3 *	5749.3000	76.72	40.35	117.07	122.20	-5.13	Peak	

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

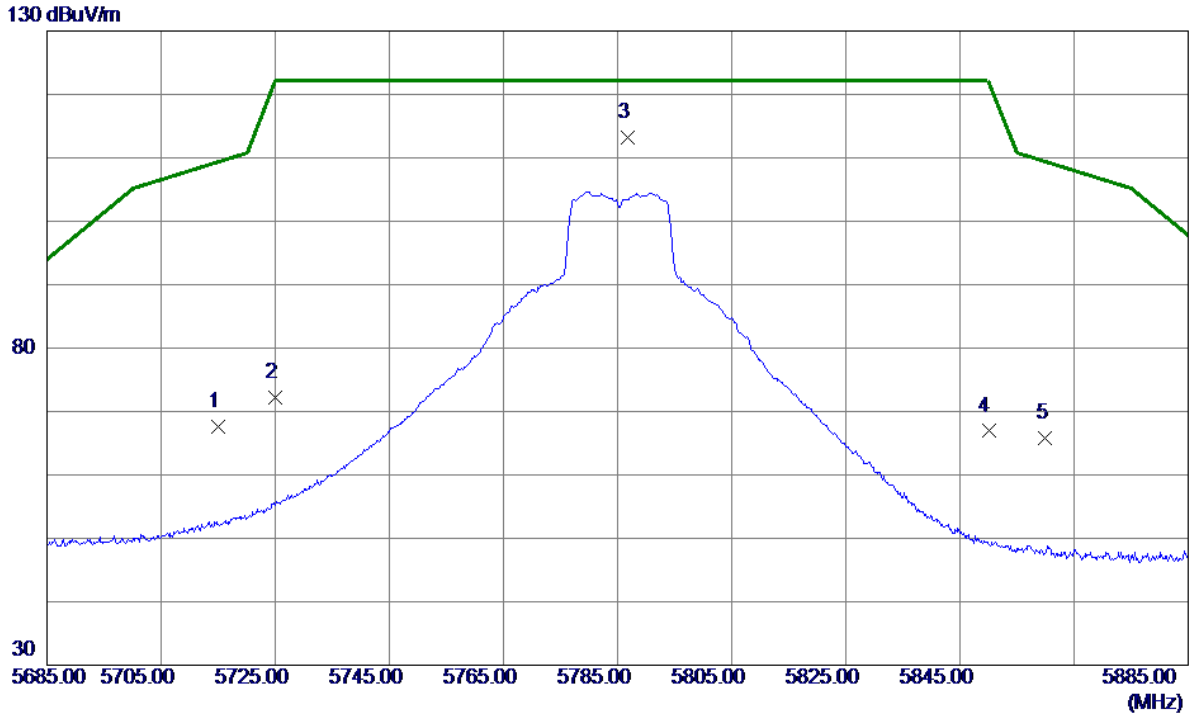
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.6000	47.64	2.00	49.64	74.00	-24.36	Peak	
2 *	11489.2500	35.99	2.00	37.99	54.00	-16.01	AVG	

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

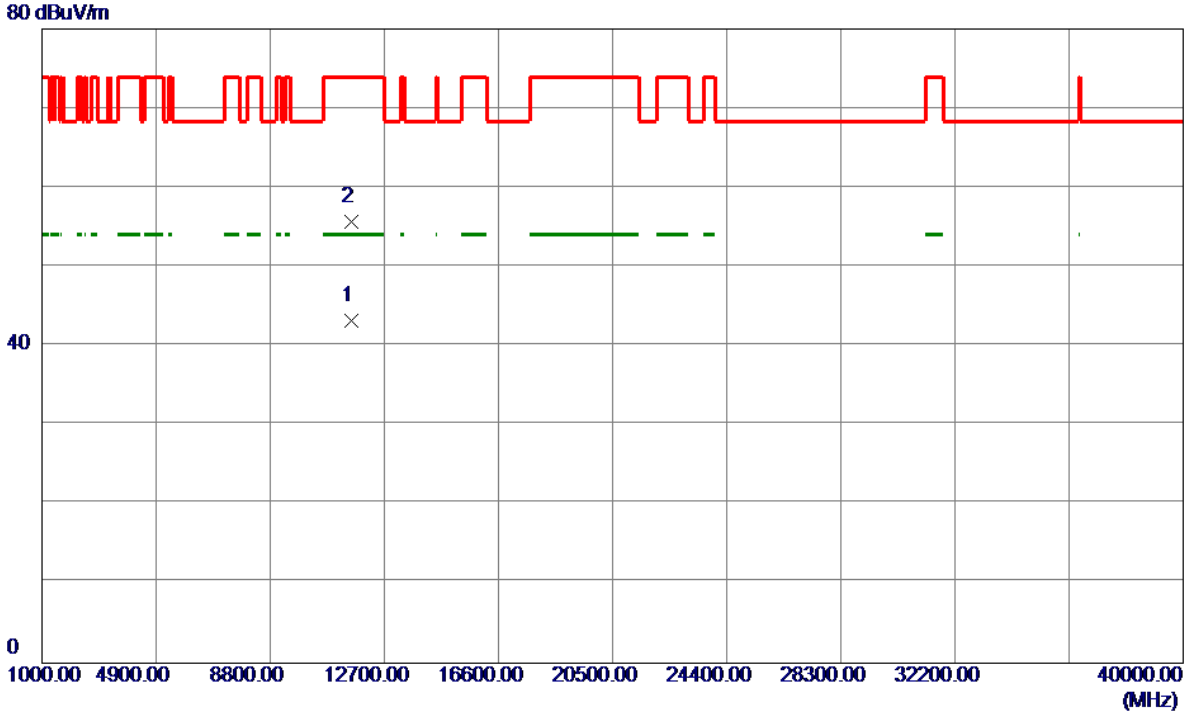
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	27.35	40.32	67.67	109.40	-41.73	Peak	
2	5725.0000	31.87	40.33	72.20	122.20	-50.00	Peak	
3 *	5786.7000	72.84	40.39	113.23	122.20	-8.97	Peak	
4	5850.0000	26.46	40.44	66.90	122.20	-55.30	Peak	
5	5860.0000	25.41	40.45	65.86	109.40	-43.54	Peak	

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

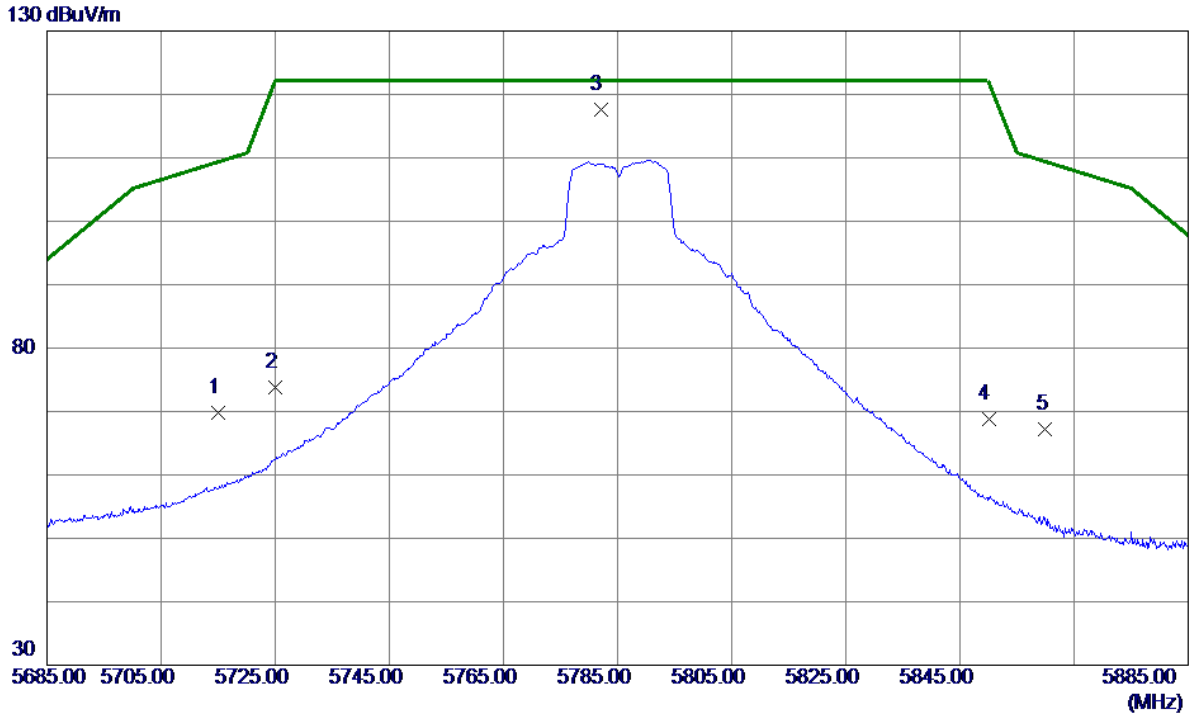
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.6000	41.23	1.91	43.14	54.00	-10.86	AVG	
2	11570.8000	53.75	1.91	55.66	74.00	-18.34	Peak	

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

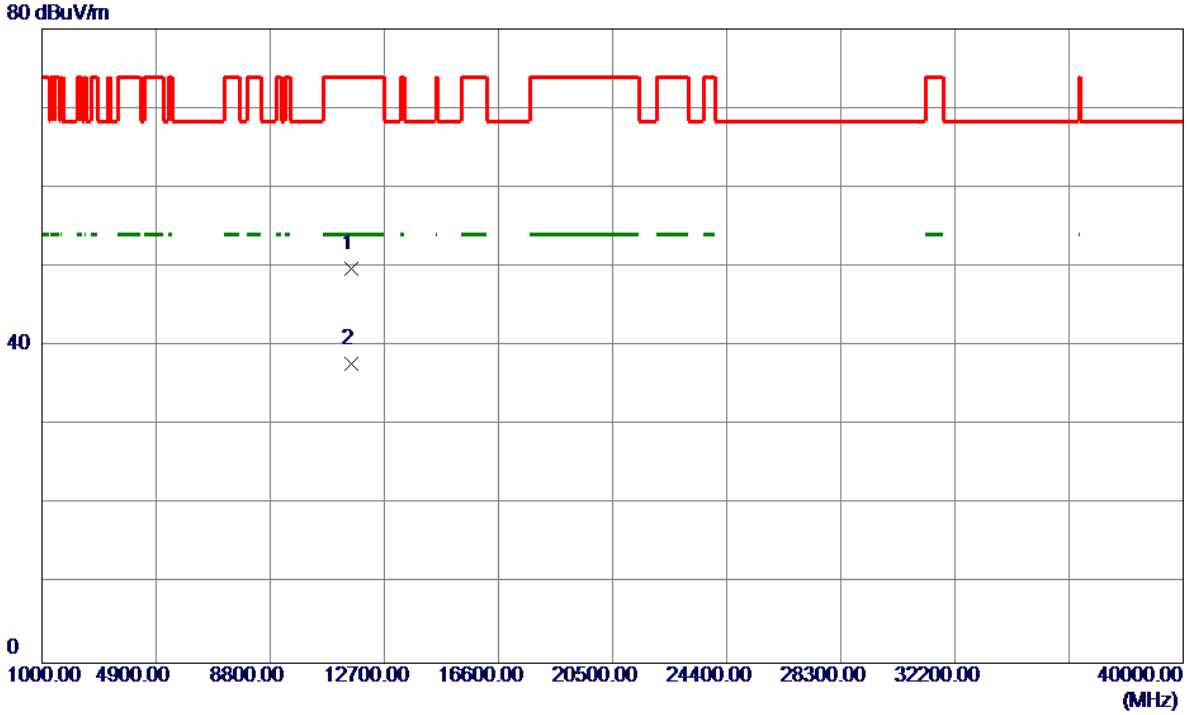
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	29.52	40.32	69.84	109.40	-39.56	Peak	
2	5725.0000	33.52	40.33	73.85	122.20	-48.35	Peak	
3 *	5782.0000	77.23	40.38	117.61	122.20	-4.59	Peak	
4	5850.0000	28.40	40.44	68.84	122.20	-53.36	Peak	
5	5860.0000	26.71	40.45	67.16	109.40	-42.24	Peak	

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

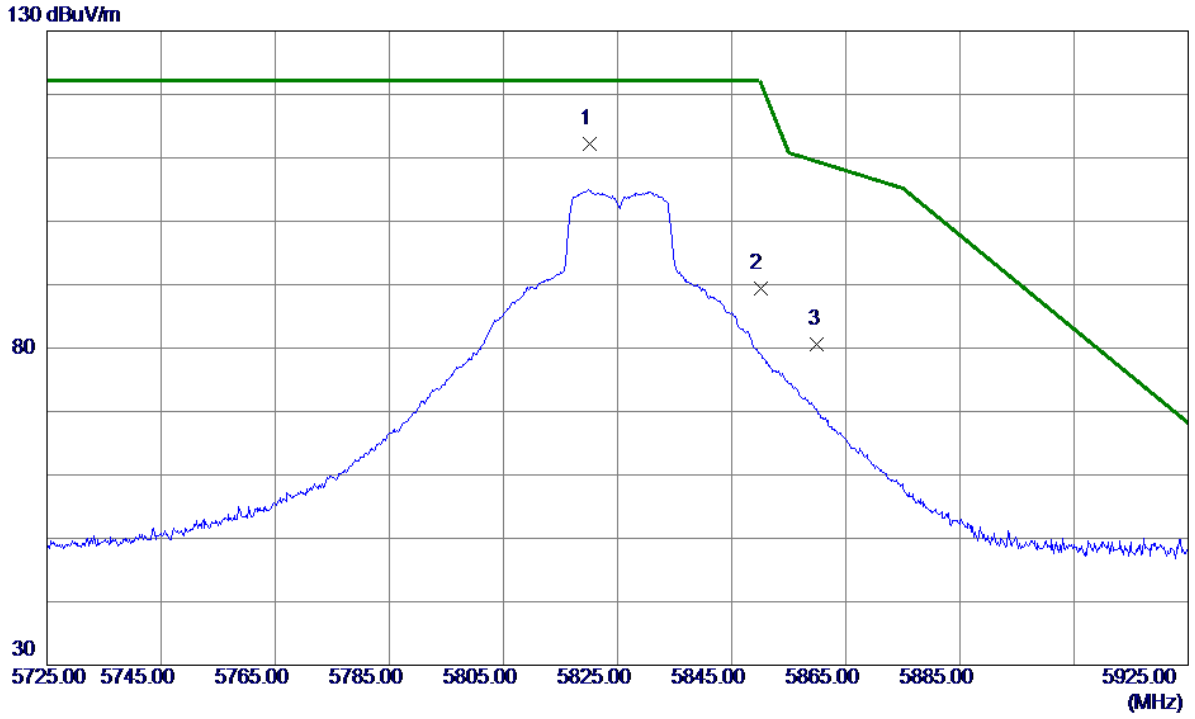
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.6000	47.90	1.91	49.81	74.00	-24.19	Peak	
2 *	11570.9000	35.87	1.91	37.78	54.00	-16.22	AVG	

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

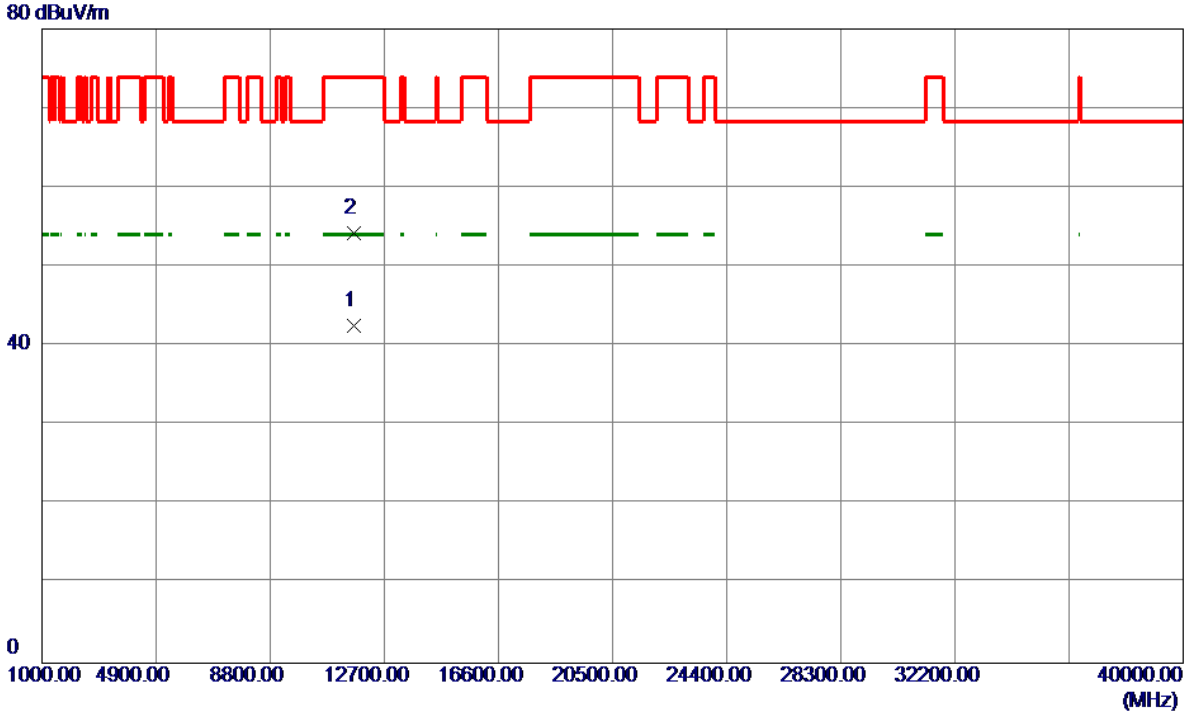
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.2000	71.71	40.42	112.13	122.20	-10.07	Peak	
2	5850.0000	48.97	40.44	89.41	122.20	-32.79	Peak	
3	5860.0000	40.08	40.45	80.53	109.40	-28.87	Peak	

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

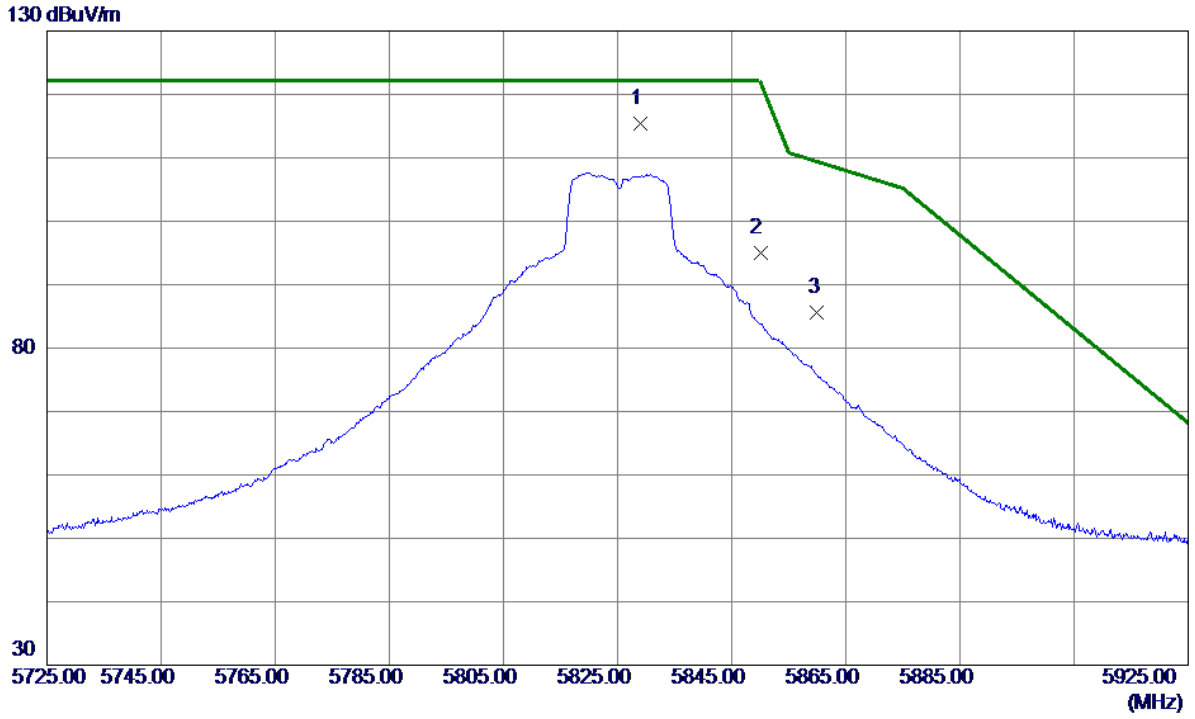
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.3000	40.70	1.83	42.53	54.00	-11.47	AVG	
2	11650.6000	52.36	1.83	54.19	74.00	-19.81	Peak	

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

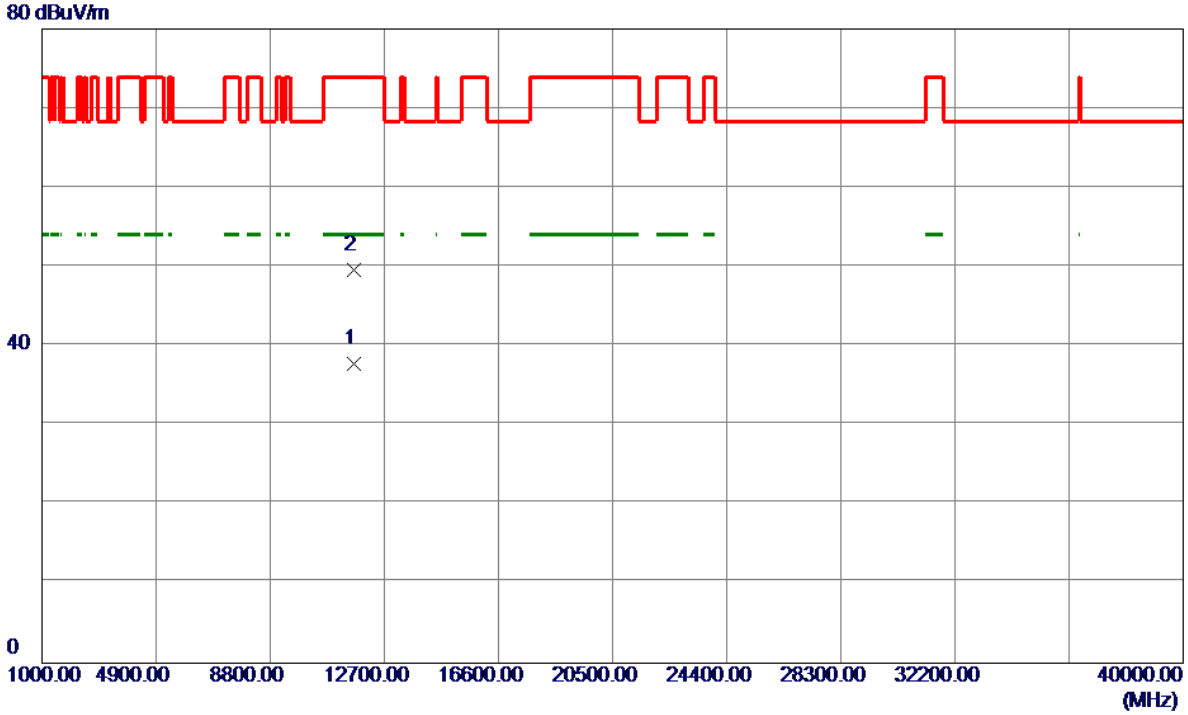
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5828.9000	75.03	40.42	115.45	122.20	-6.75	Peak	
2	5850.0000	54.46	40.44	94.90	122.20	-27.30	Peak	
3	5860.0000	45.22	40.45	85.67	109.40	-23.73	Peak	

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

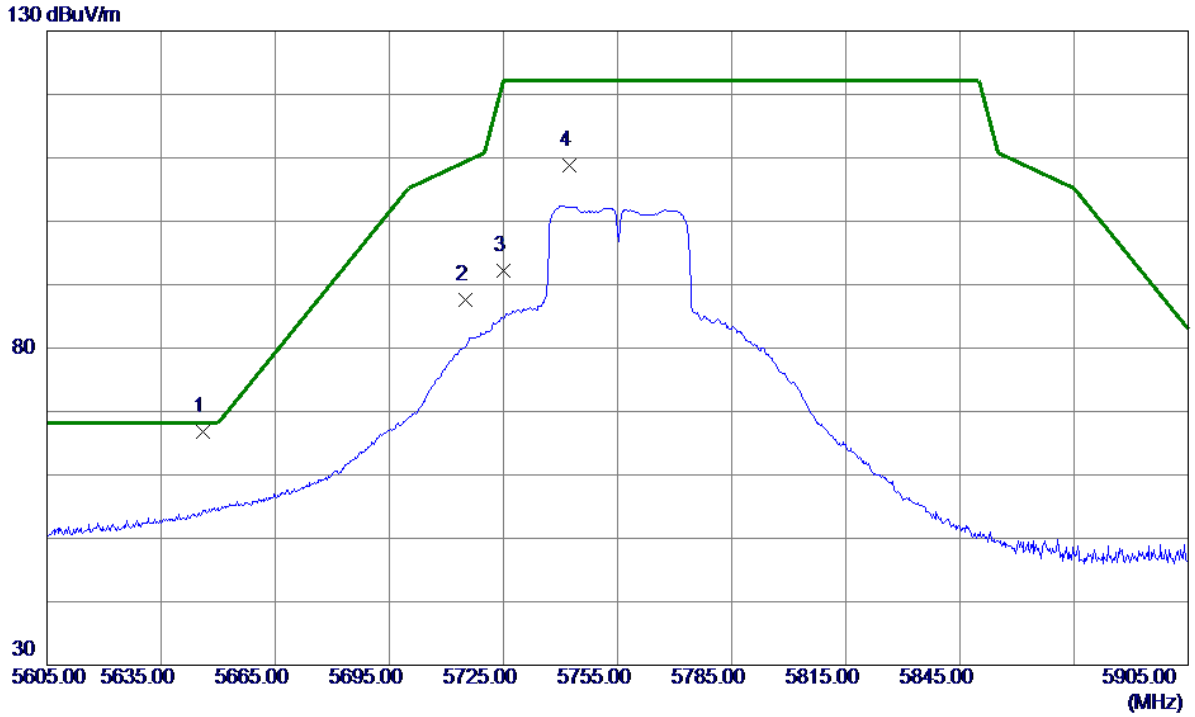
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11651.2500	35.92	1.83	37.75	54.00	-16.25	AVG	
2	11652.9500	47.73	1.83	49.56	74.00	-24.44	Peak	

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

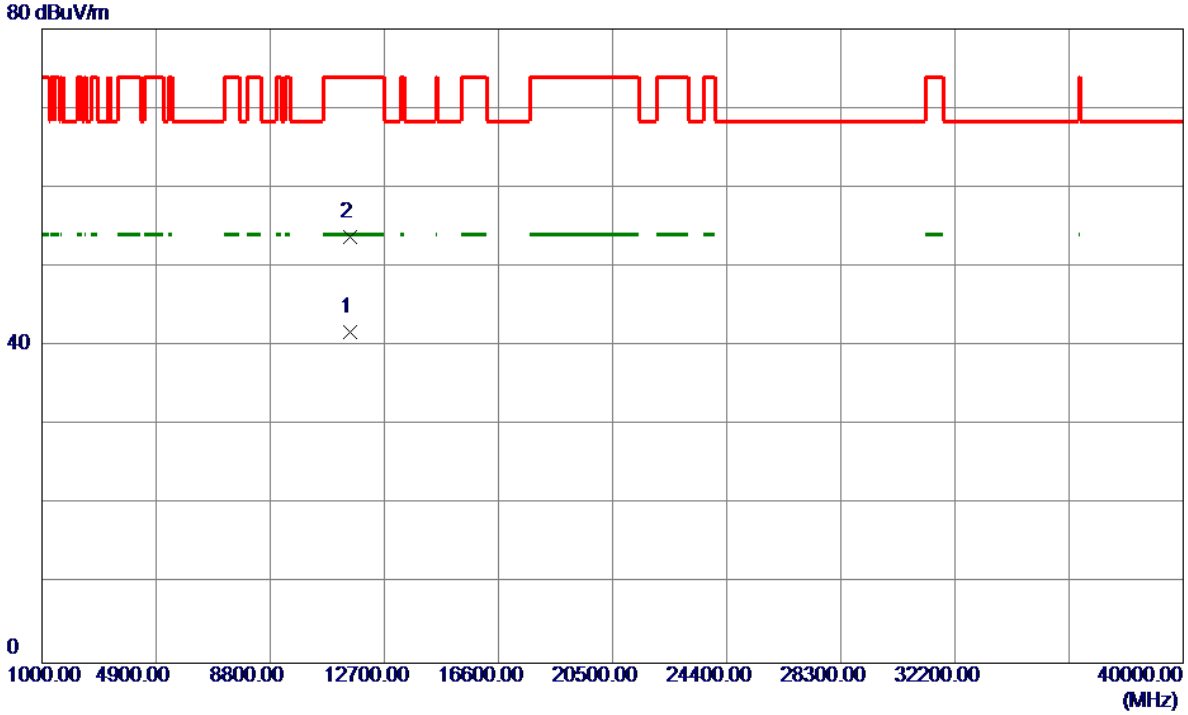
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5646.0000	26.49	40.27	66.76	68.20	-1.44	Peak	
2	5715.0000	47.28	40.32	87.60	109.40	-21.80	Peak	
3	5725.0000	51.94	40.33	92.27	122.20	-29.93	Peak	
4	5742.2500	68.37	40.35	108.72	122.20	-13.48	Peak	

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

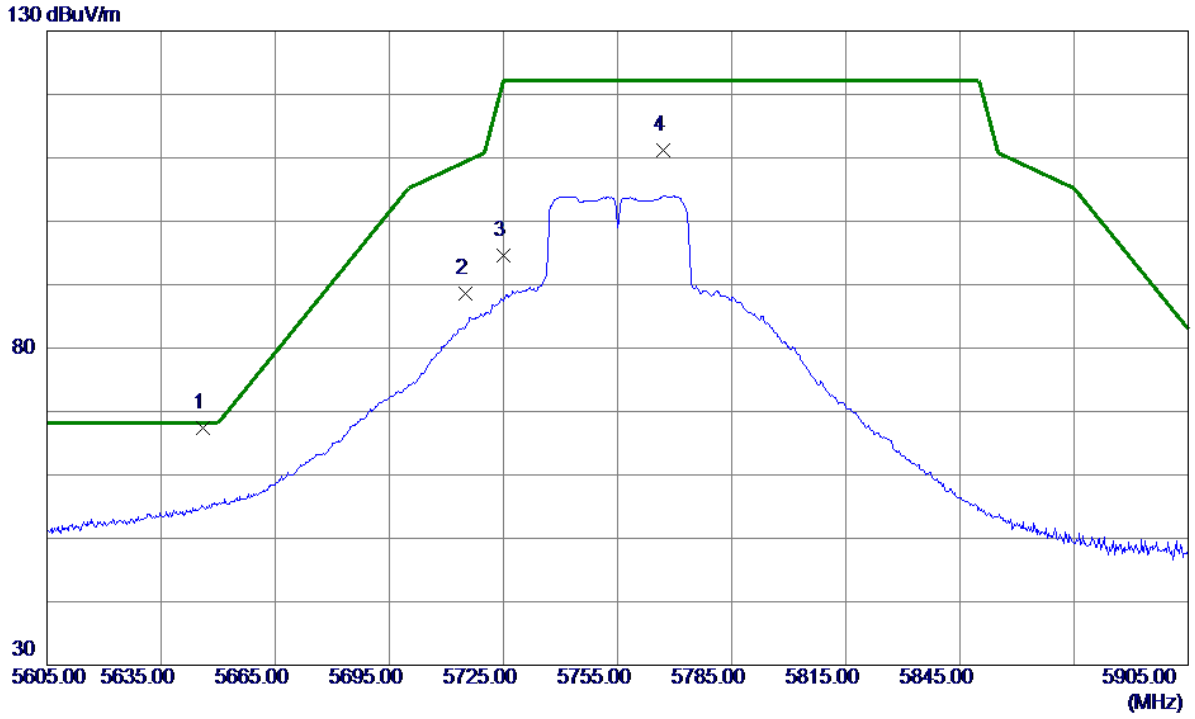
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11510.9500	39.82	1.97	41.79	54.00	-12.21	AVG	
2	11511.2500	51.79	1.97	53.76	74.00	-20.24	Peak	

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

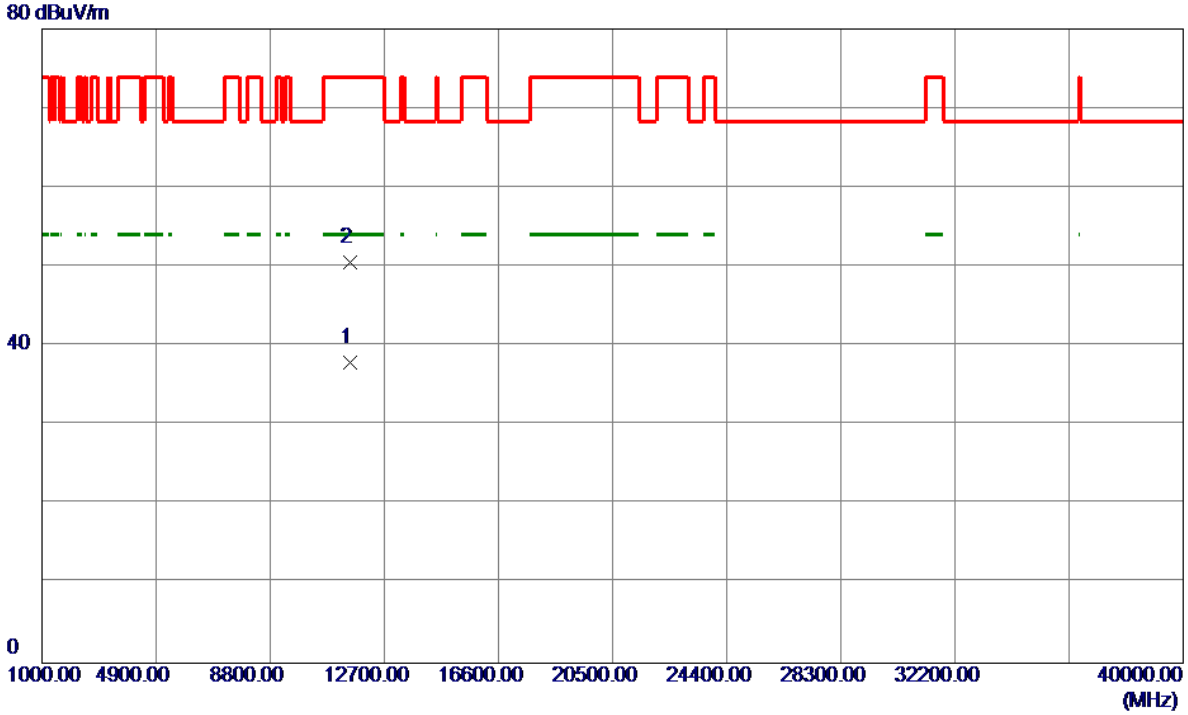
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5646.0000	27.20	40.27	67.47	68.20	-0.73	Peak	
2	5715.0000	48.29	40.32	88.61	109.40	-20.79	Peak	
3	5725.0000	54.36	40.33	94.69	122.20	-27.51	Peak	
4	5766.8500	70.86	40.37	111.23	122.20	-10.97	Peak	

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

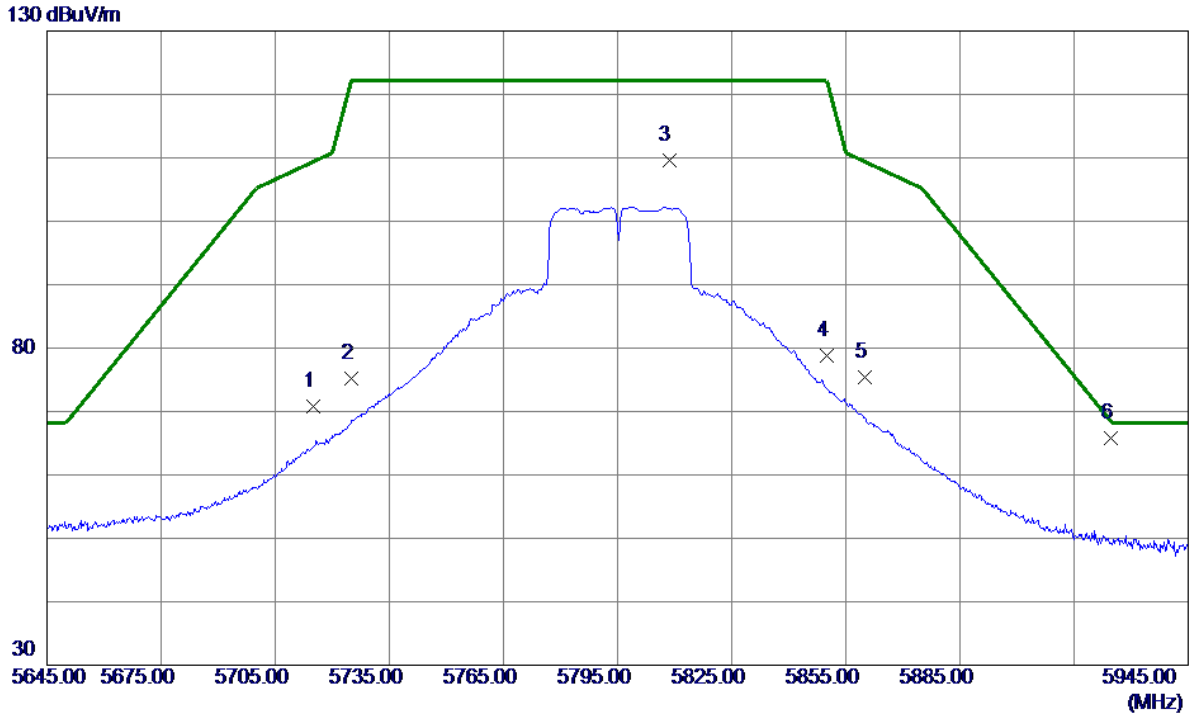
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11510.1000	35.94	1.97	37.91	54.00	-16.09	AVG	
2	11512.6000	48.56	1.97	50.53	74.00	-23.47	Peak	

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

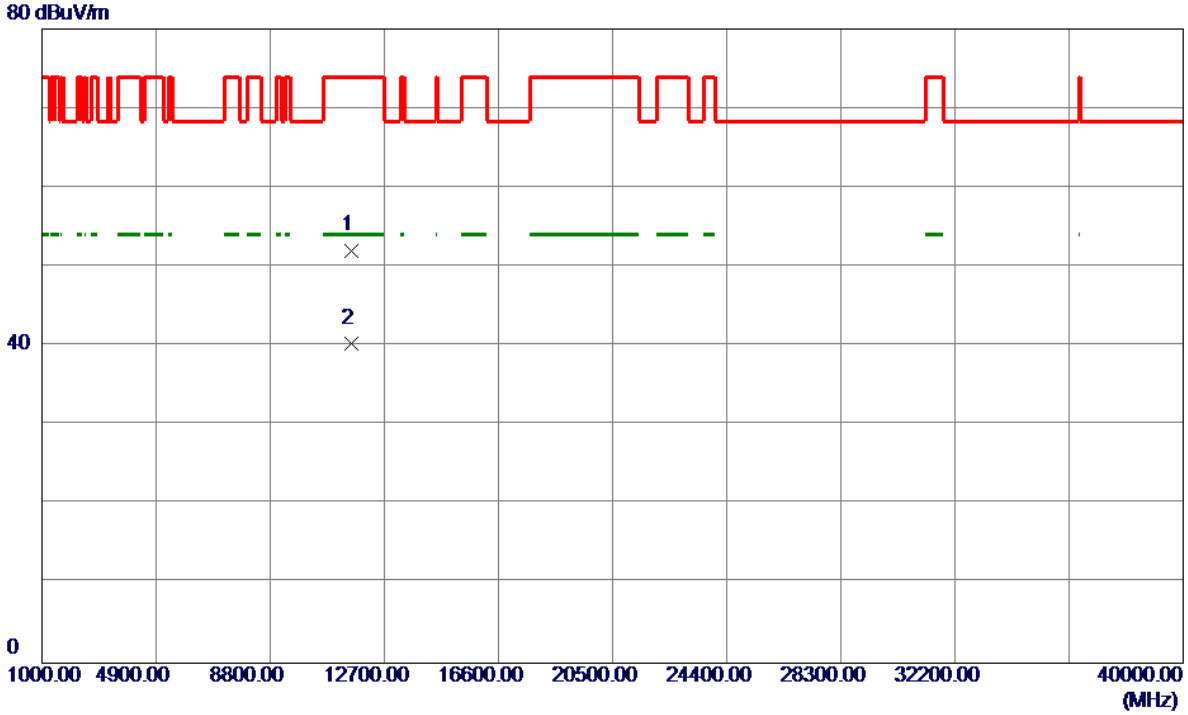
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	30.57	40.32	70.89	109.40	-38.51	Peak	
2	5725.0000	34.84	40.33	75.17	122.20	-47.03	Peak	
3	5808.5000	69.24	40.41	109.65	122.20	-12.55	Peak	
4	5850.0000	38.42	40.44	78.86	122.20	-43.34	Peak	
5	5860.0000	34.92	40.45	75.37	109.40	-34.03	Peak	
6 *	5924.6000	25.33	40.50	65.83	68.50	-2.67	Peak	

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

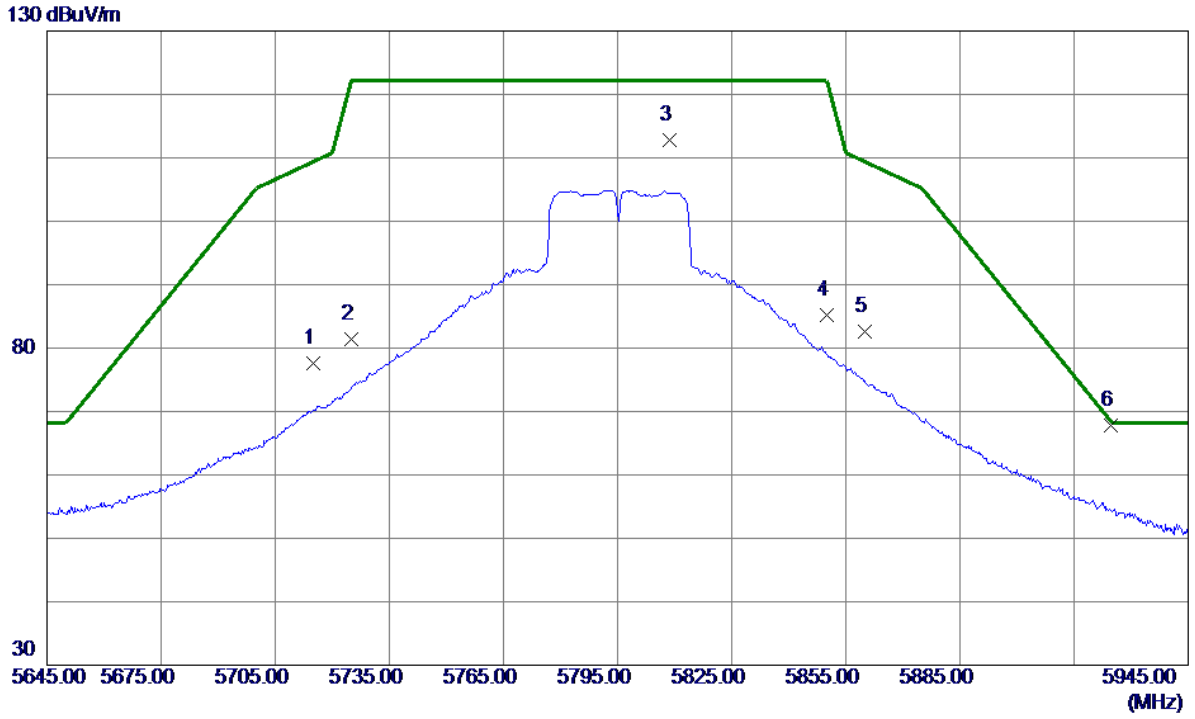
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11590.6500	50.19	1.89	52.08	74.00	-21.92	Peak	
2 *	11591.1500	38.48	1.89	40.37	54.00	-13.63	AVG	

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

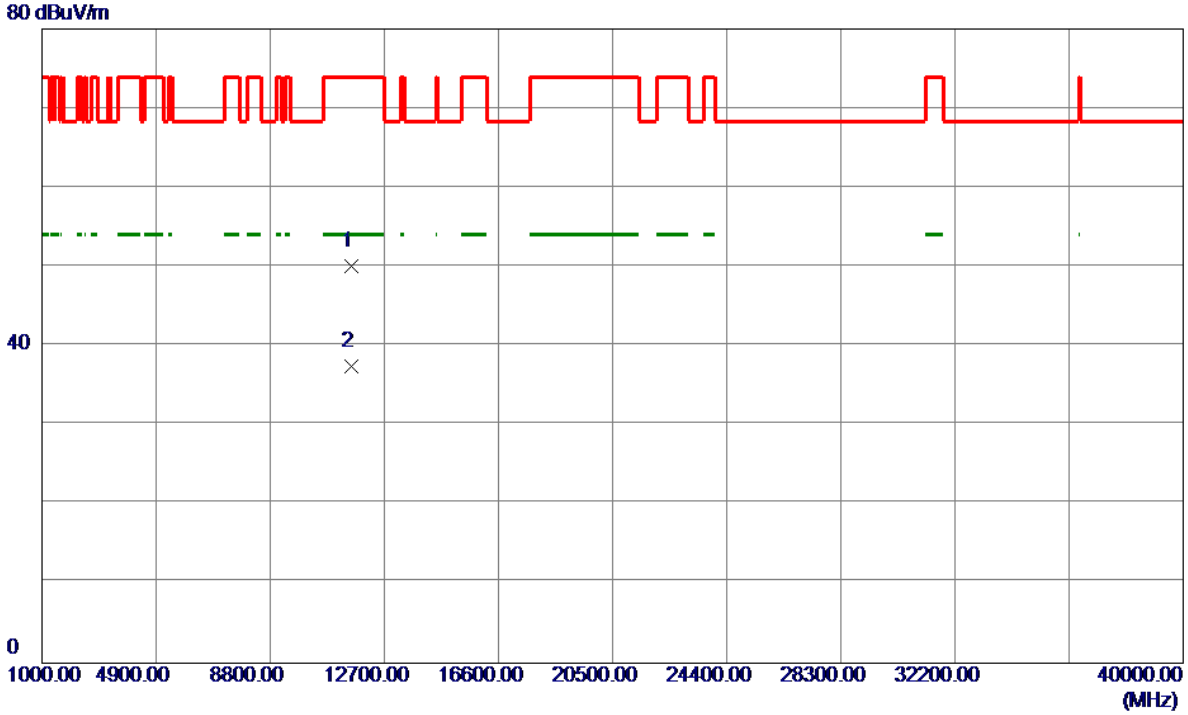
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	37.30	40.32	77.62	109.40	-31.78	Peak	
2	5725.0000	41.04	40.33	81.37	122.20	-40.83	Peak	
3	5808.6500	72.35	40.41	112.76	122.20	-9.44	Peak	
4	5850.0000	44.81	40.44	85.25	122.20	-36.95	Peak	
5	5860.0000	42.16	40.45	82.61	109.40	-26.79	Peak	
6 *	5924.6000	27.25	40.50	67.75	68.50	-0.75	Peak	

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

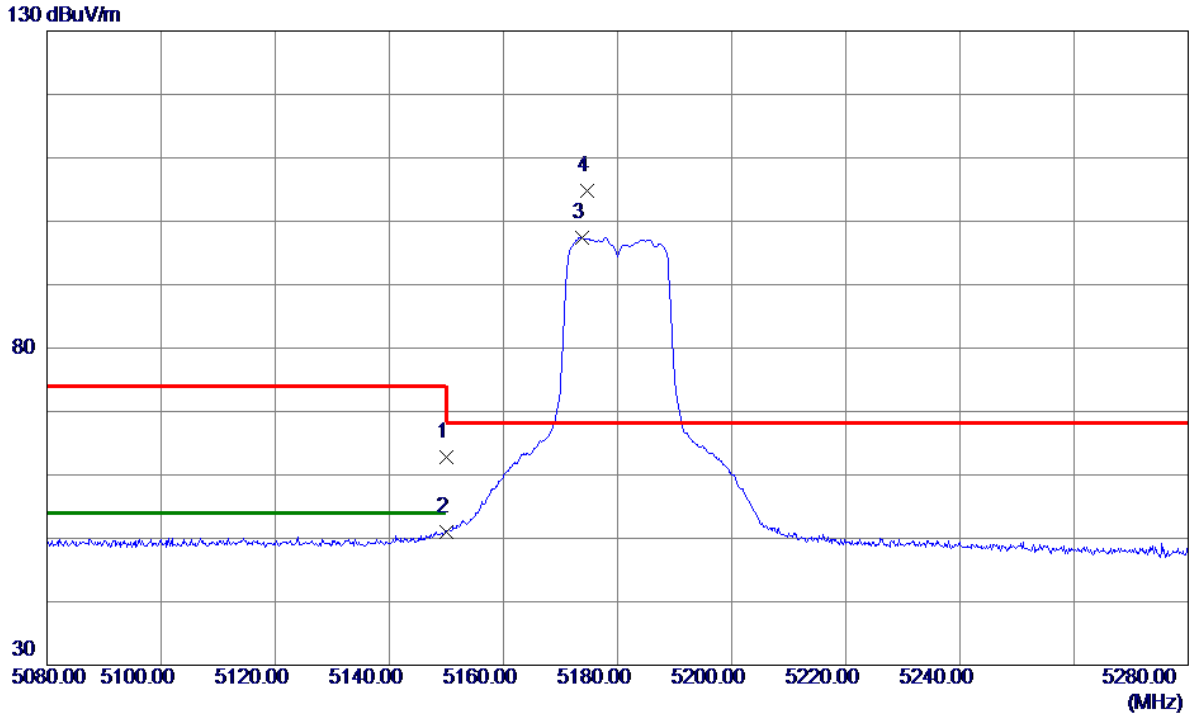
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11587.1000	48.18	1.90	50.08	74.00	-23.92	Peak	
2 *	11591.0000	35.52	1.89	37.41	54.00	-16.59	AVG	

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

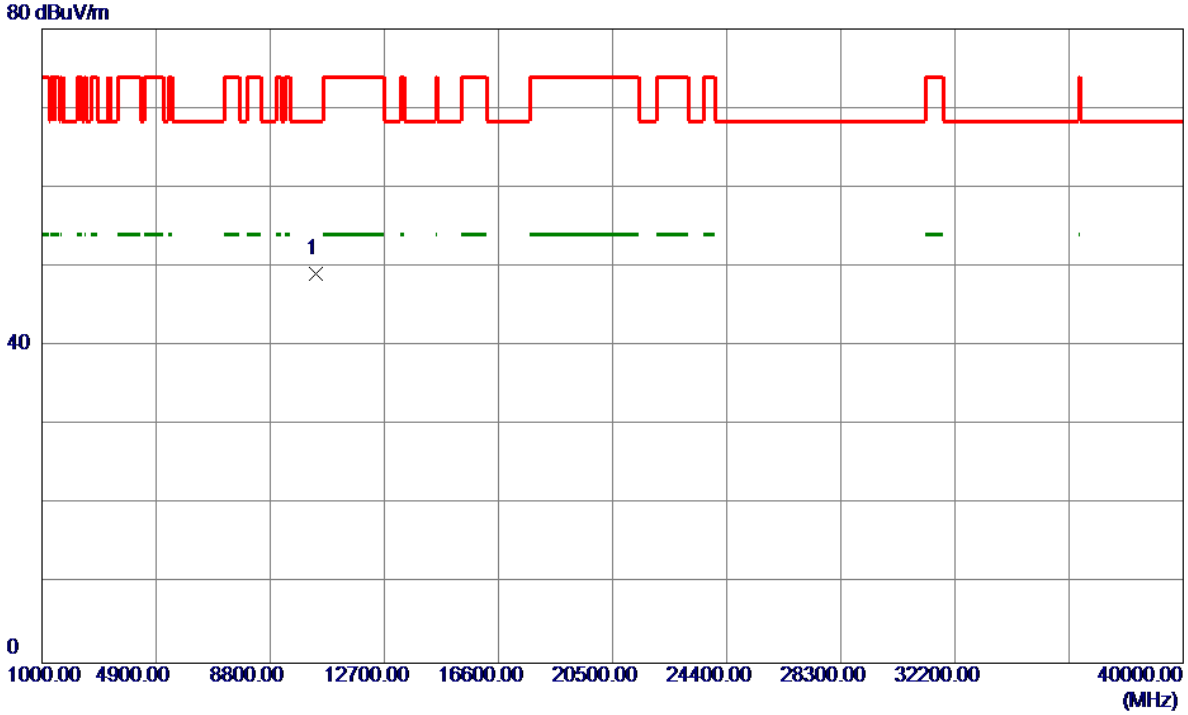
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.86	39.00	62.86	74.00	-11.14	Peak	
2	5150.0000	11.97	39.00	50.97	54.00	-3.03	AVG	
3	5173.8000	58.39	39.08	97.47	999.00	-901.53	AVG	No Limit
4 *	5174.7000	65.78	39.08	104.86	68.30	36.56	Peak	No Limit

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

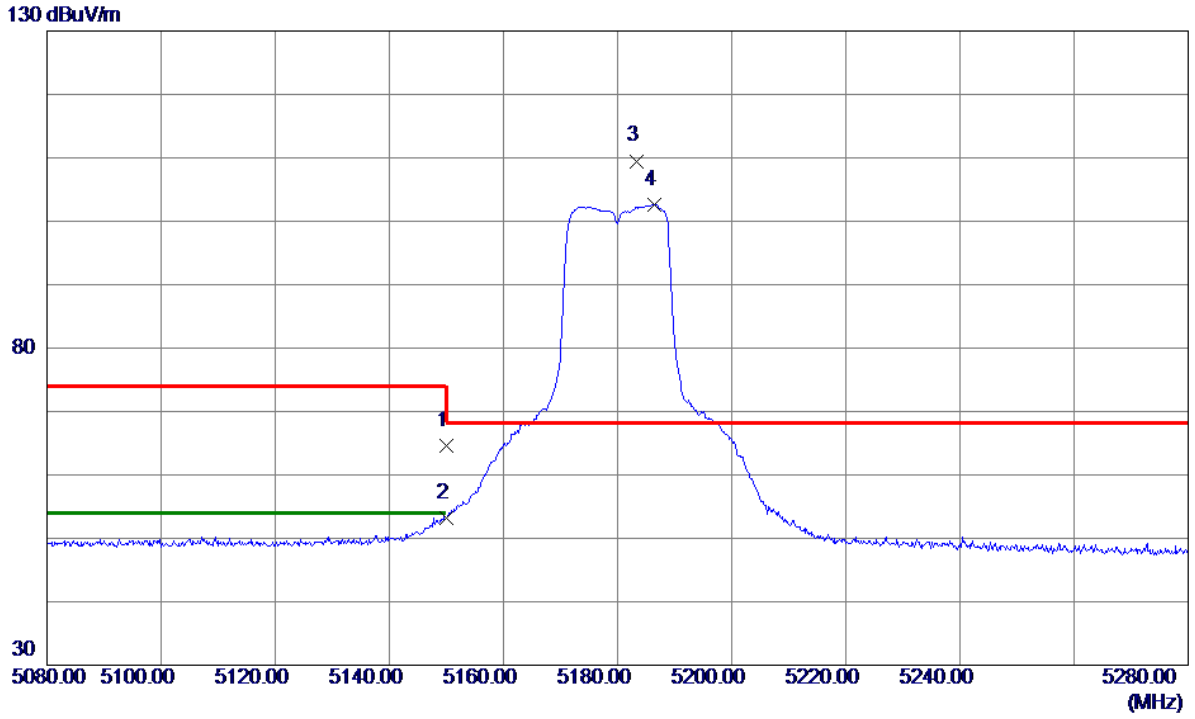
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.9100	47.60	1.52	49.12	68.30	-19.18	Peak	

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

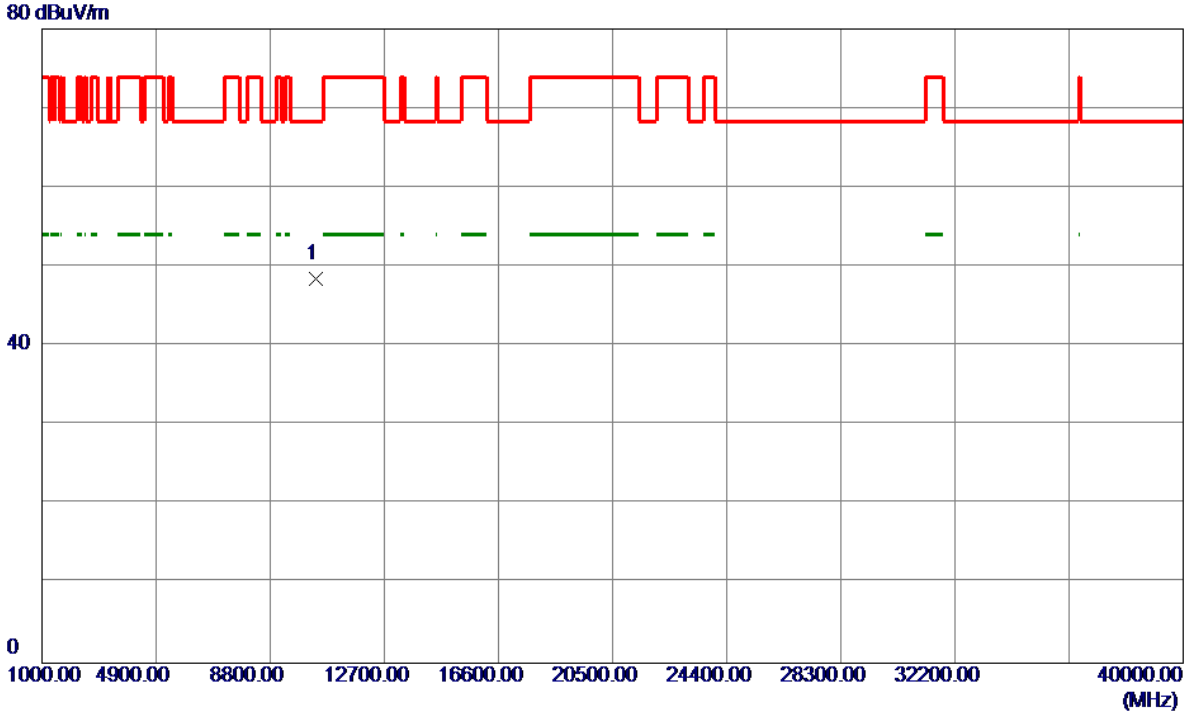
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.51	39.00	64.51	74.00	-9.49	Peak	
2	5150.0000	14.22	39.00	53.22	54.00	-0.78	AVG	
3 *	5183.4000	70.39	39.11	109.50	68.30	41.20	Peak	No Limit
4	5186.4000	63.56	39.12	102.68	999.00	-896.32	AVG	No Limit

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

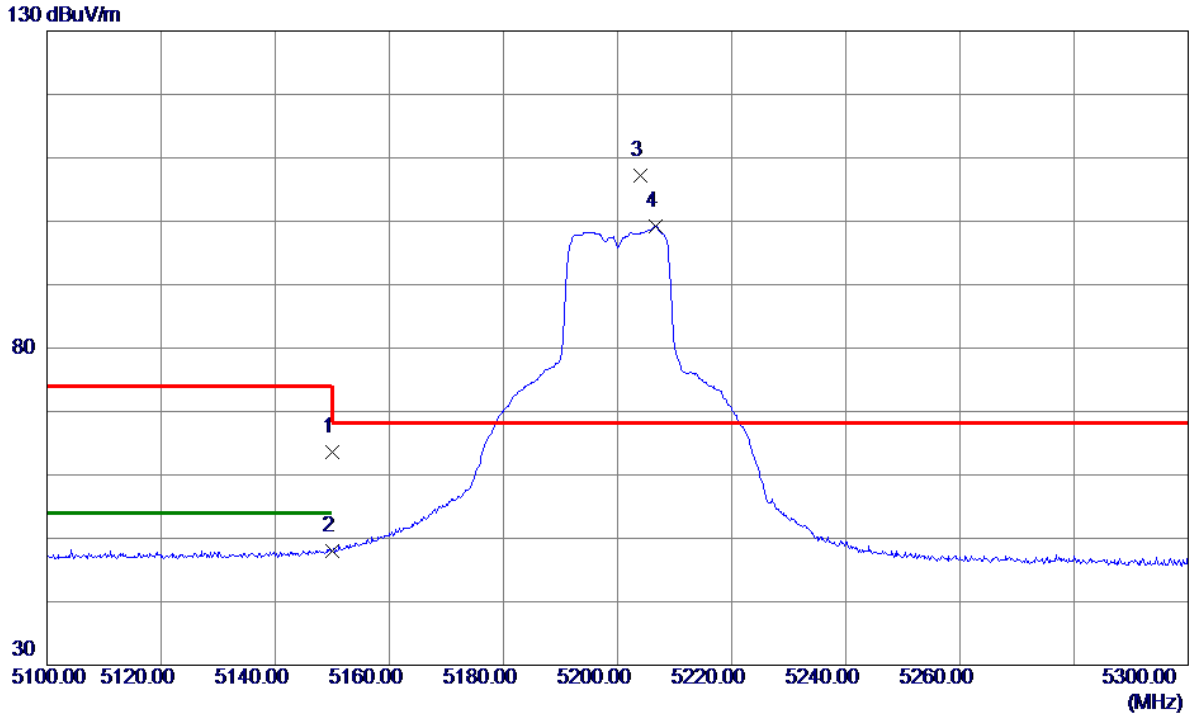
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10362.2800	46.88	1.53	48.41	68.30	-19.89	Peak	

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

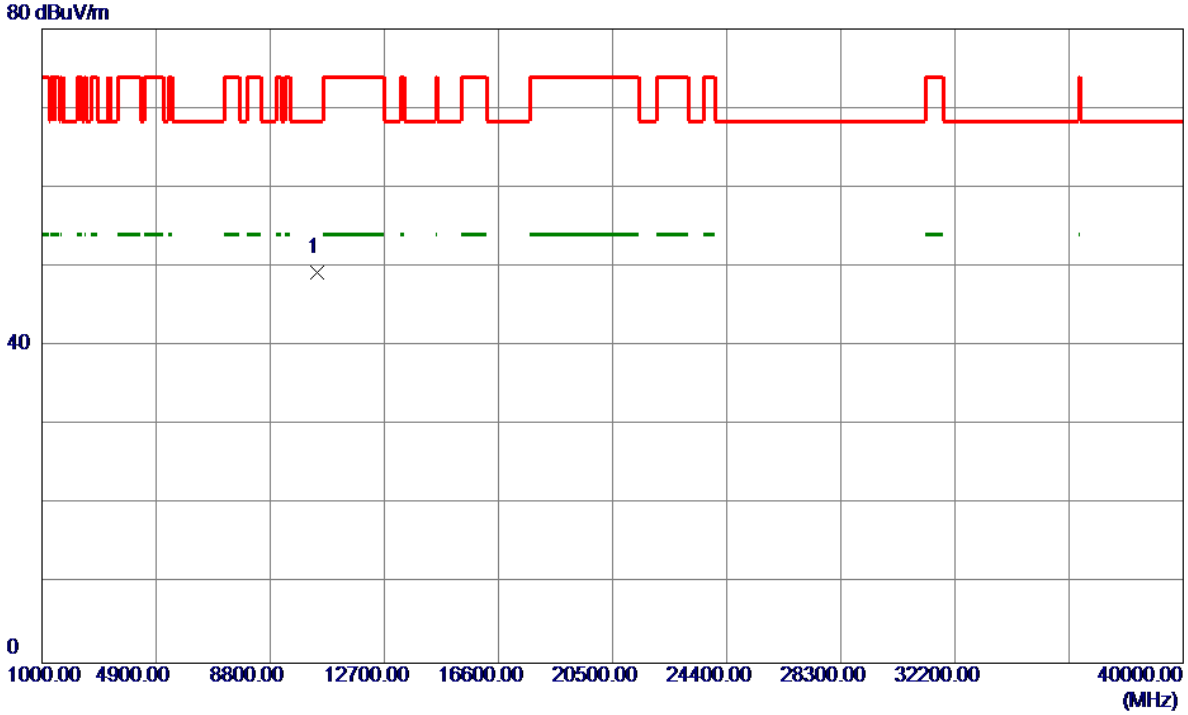
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.62	39.00	63.62	74.00	-10.38	Peak	
2	5150.0000	9.08	39.00	48.08	54.00	-5.92	AVG	
3 *	5204.1000	68.07	39.18	107.25	68.30	38.95	Peak	No Limit
4	5206.6000	60.06	39.18	99.24	999.00	-899.76	AVG	No Limit

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

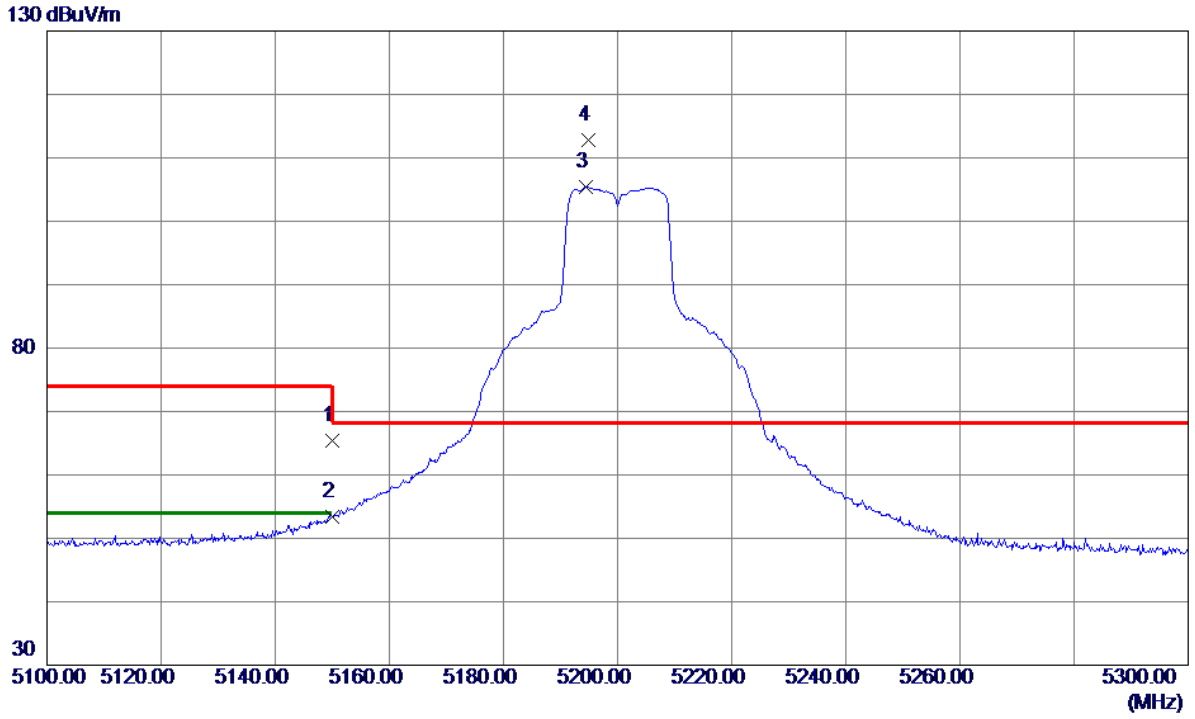
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.7100	47.78	1.56	49.34	68.30	-18.96	Peak	

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

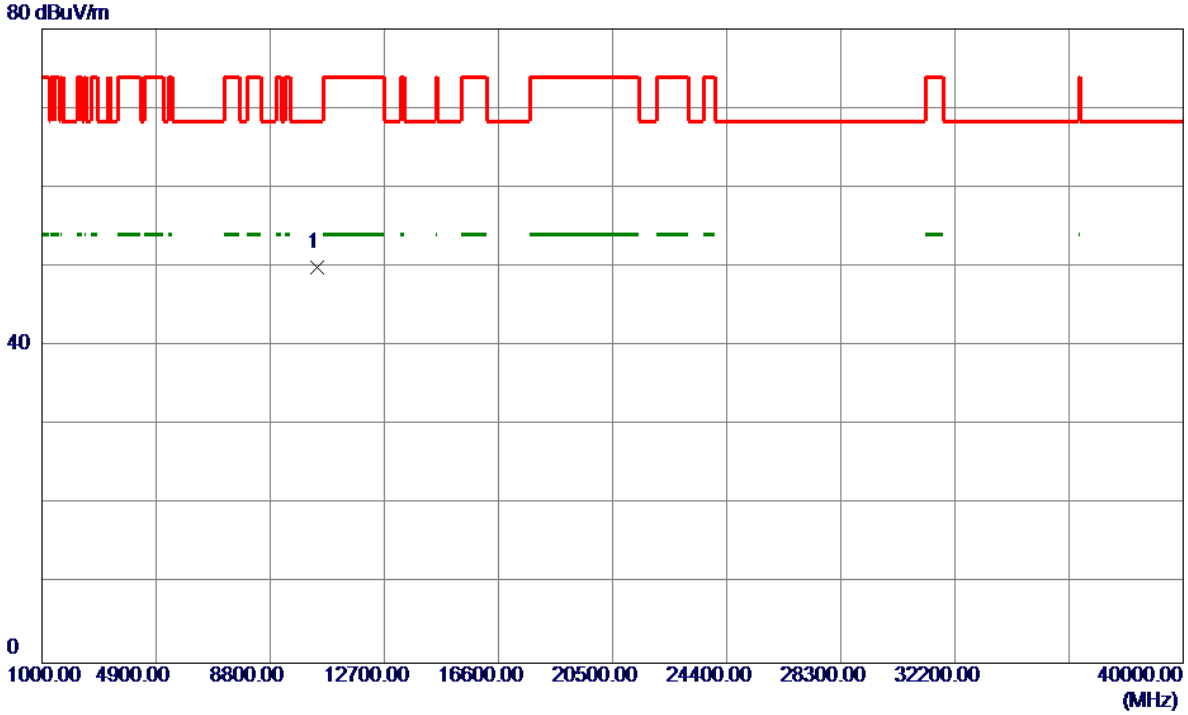
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.34	39.00	65.34	74.00	-8.66	Peak	
2	5150.0000	14.45	39.00	53.45	54.00	-0.55	AVG	
3	5194.5000	66.21	39.14	105.35	999.00	-893.65	AVG	No Limit
4 *	5194.8000	73.61	39.14	112.75	68.30	44.45	Peak	No Limit

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

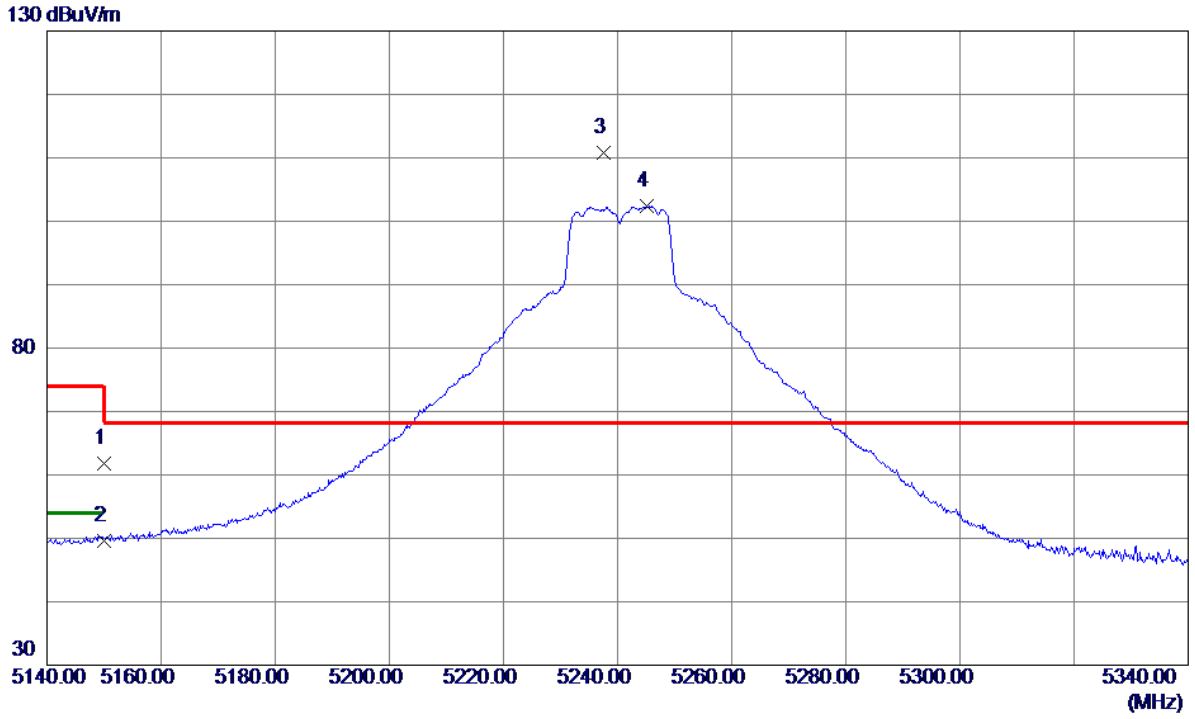
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10403.5100	48.31	1.57	49.88	68.30	-18.42	Peak	

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

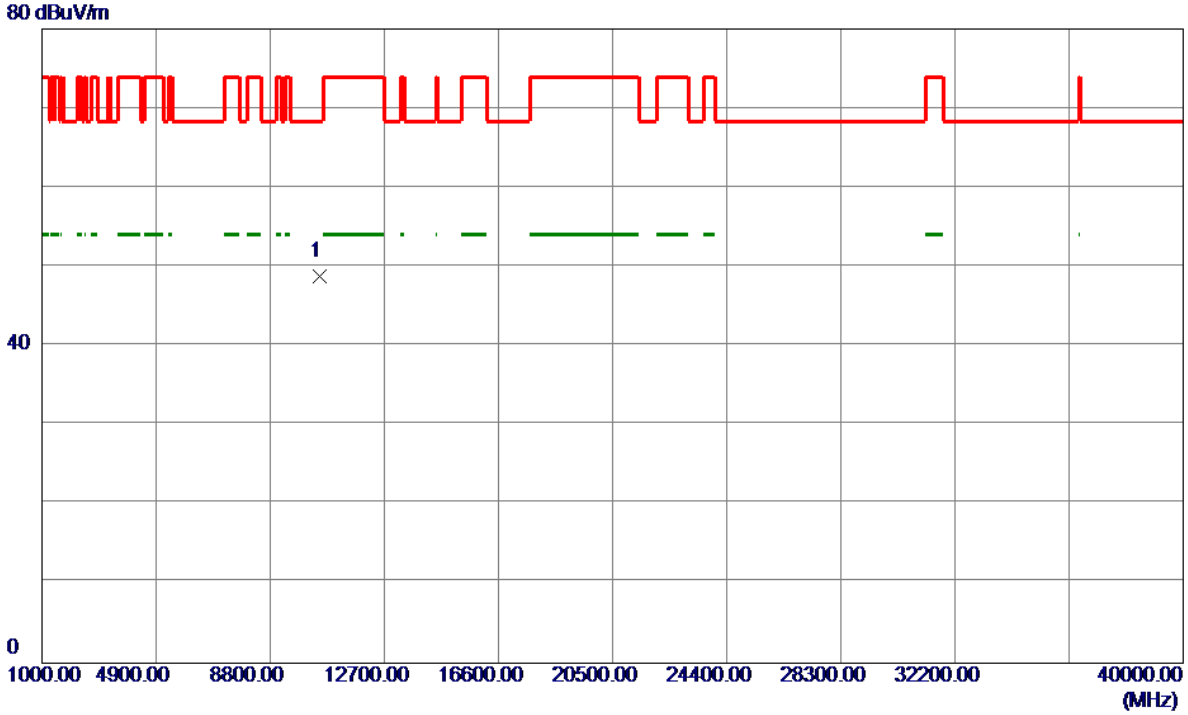
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.71	39.00	61.71	74.00	-12.29	Peak	
2	5150.0000	10.54	39.00	49.54	54.00	-4.46	AVG	
3 *	5237.5000	71.54	39.28	110.82	68.30	42.52	Peak	No Limit
4	5245.1000	63.10	39.31	102.41	999.00	-896.59	AVG	No Limit

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

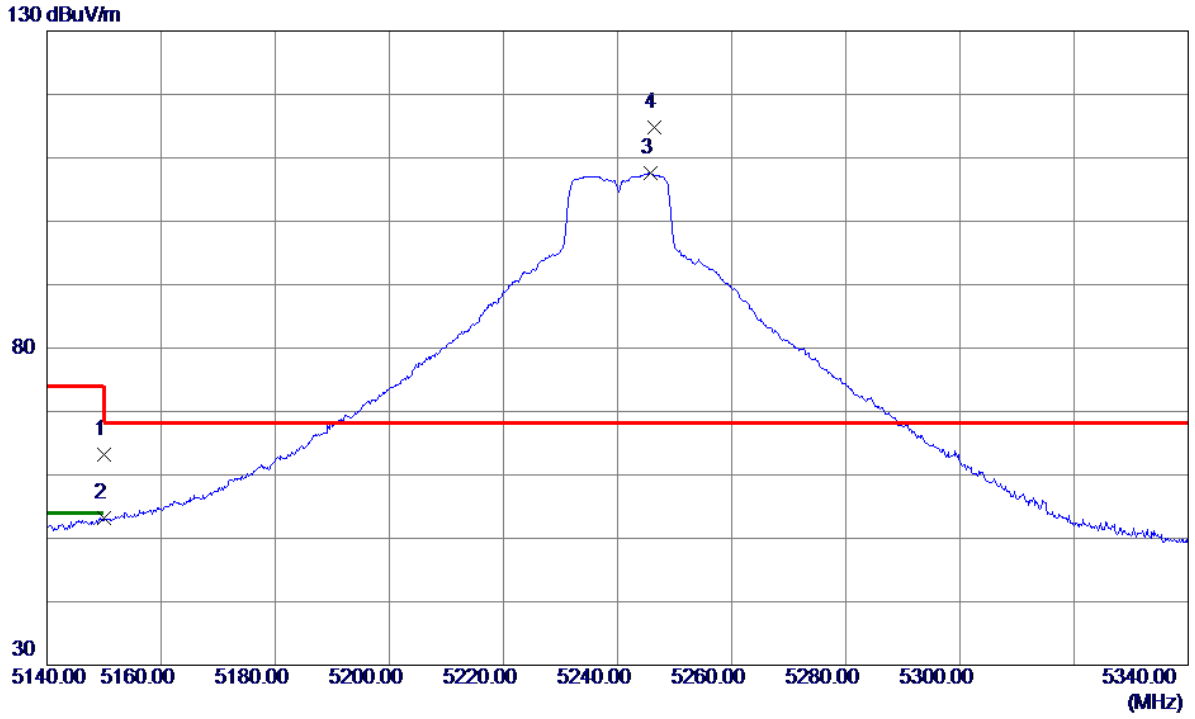
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.8900	47.10	1.64	48.74	68.30	-19.56	Peak	

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

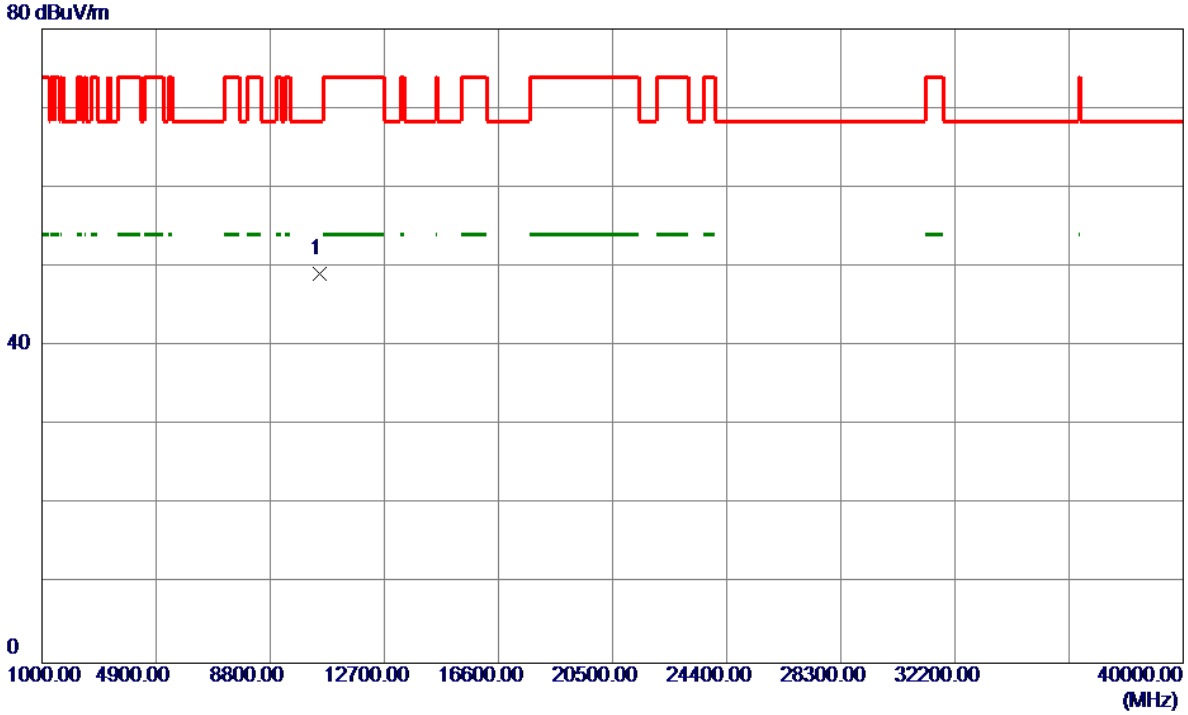
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.15	39.00	63.15	74.00	-10.85	Peak	
2	5150.0000	14.11	39.00	53.11	54.00	-0.89	AVG	
3	5245.8000	68.22	39.31	107.53	999.00	-891.47	AVG	No Limit
4 *	5246.4000	75.43	39.31	114.74	68.30	46.44	Peak	No Limit

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

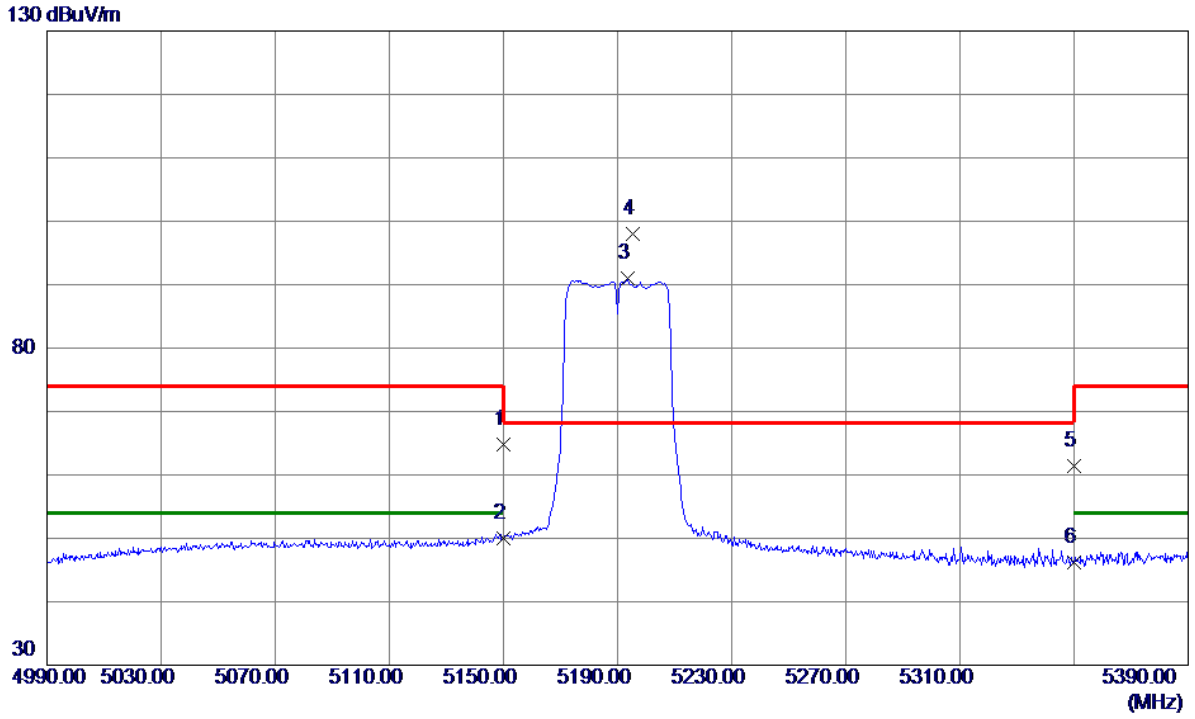
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478.5900	47.55	1.64	49.19	68.30	-19.11	Peak	

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

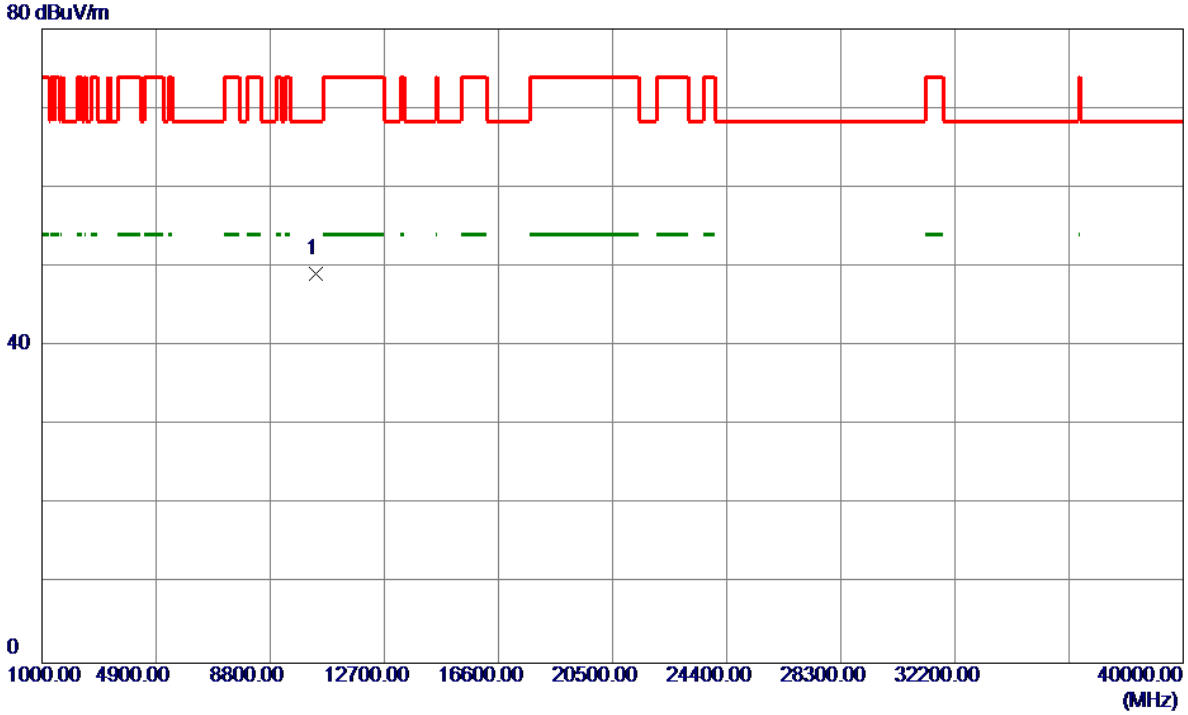
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.88	39.00	64.88	74.00	-9.12	Peak	
2	5150.0000	11.08	39.00	50.08	54.00	-3.92	AVG	
3	5193.4000	51.77	39.14	90.91	999.00	-908.09	AVG	No Limit
4 *	5195.2000	58.89	39.15	98.04	68.30	29.74	Peak	No Limit
5	5350.0000	21.84	39.65	61.49	74.00	-12.51	Peak	
6	5350.0000	6.64	39.65	46.29	999.00	-952.71	AVG	

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

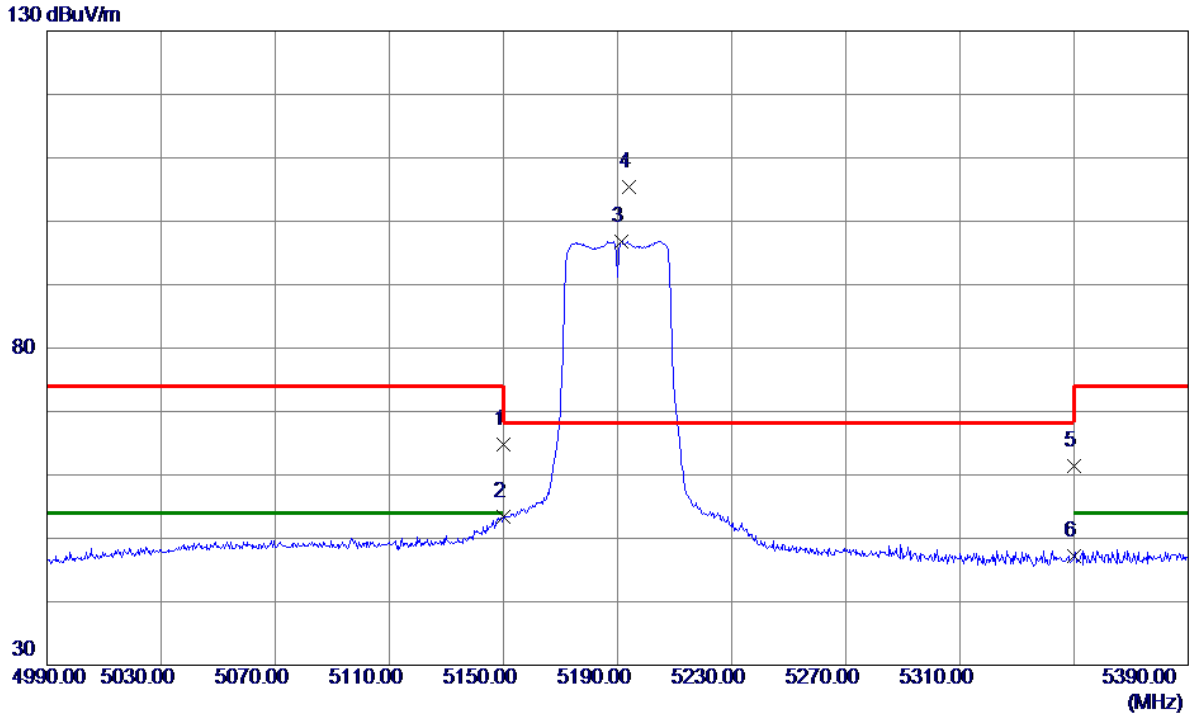
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.3900	47.61	1.54	49.15	68.30	-19.15	Peak	

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

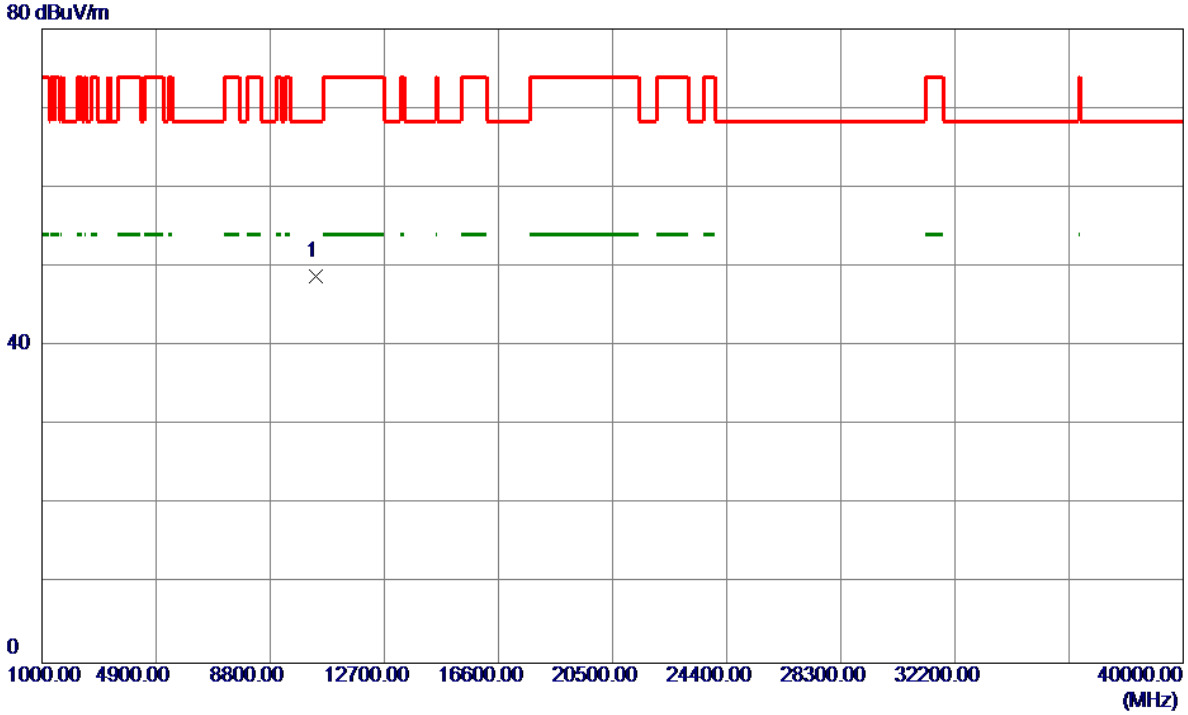
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.80	39.00	64.80	74.00	-9.20	Peak	
2	5150.0000	14.39	39.00	53.39	54.00	-0.61	AVG	
3	5191.4000	57.67	39.13	96.80	999.00	-902.20	AVG	No Limit
4 *	5194.2000	66.20	39.14	105.34	68.30	37.04	Peak	No Limit
5	5350.0000	21.76	39.65	61.41	74.00	-12.59	Peak	
6	5350.0000	7.47	39.65	47.12	999.00	-951.88	AVG	

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

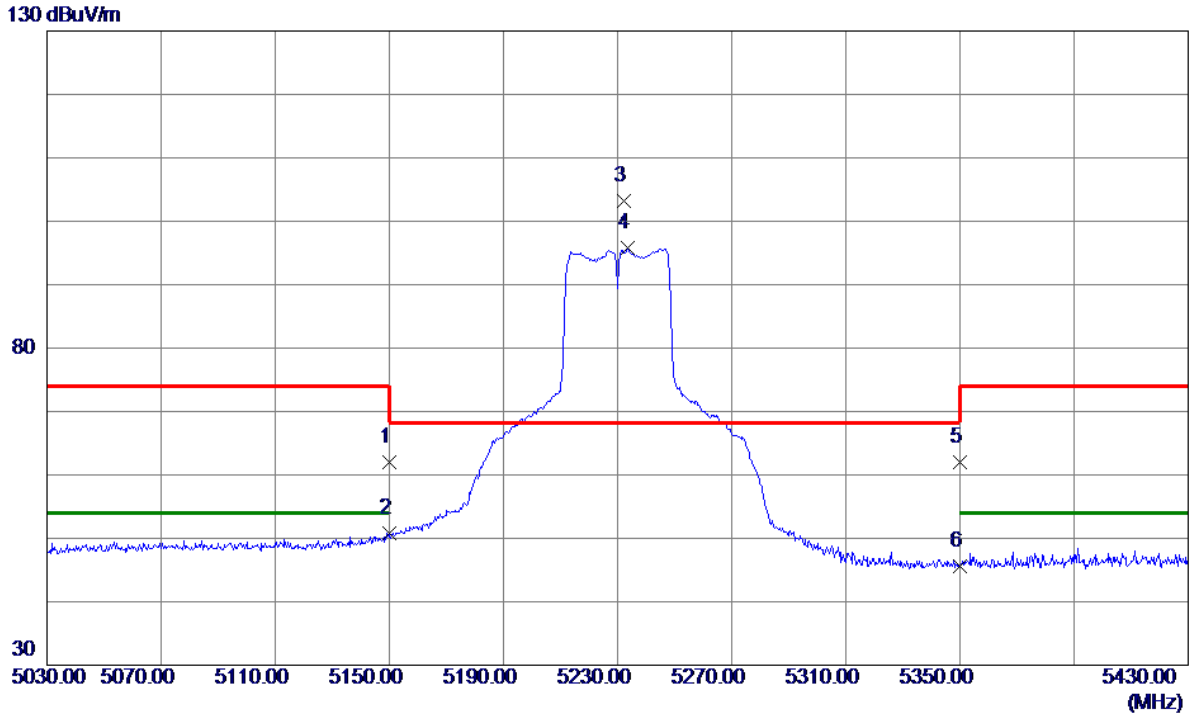
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10378.8800	47.26	1.54	48.80	68.30	-19.50	Peak	

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

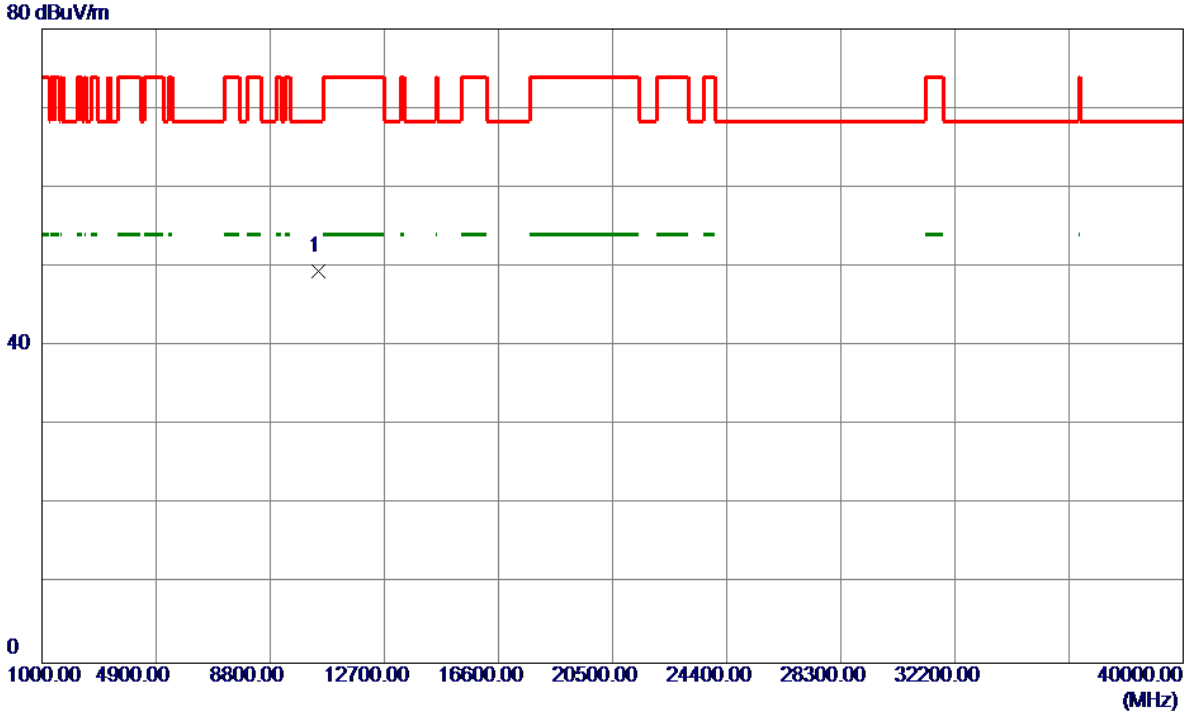
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.01	39.00	62.01	74.00	-11.99	Peak	
2	5150.0000	11.72	39.00	50.72	54.00	-3.28	AVG	
3 *	5232.4000	63.96	39.27	103.23	68.30	34.93	Peak	No Limit
4	5233.6000	56.49	39.27	95.76	999.00	-903.24	AVG	No Limit
5	5350.0000	22.30	39.65	61.95	74.00	-12.05	Peak	
6	5350.0000	5.93	39.65	45.58	999.00	-953.42	AVG	

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

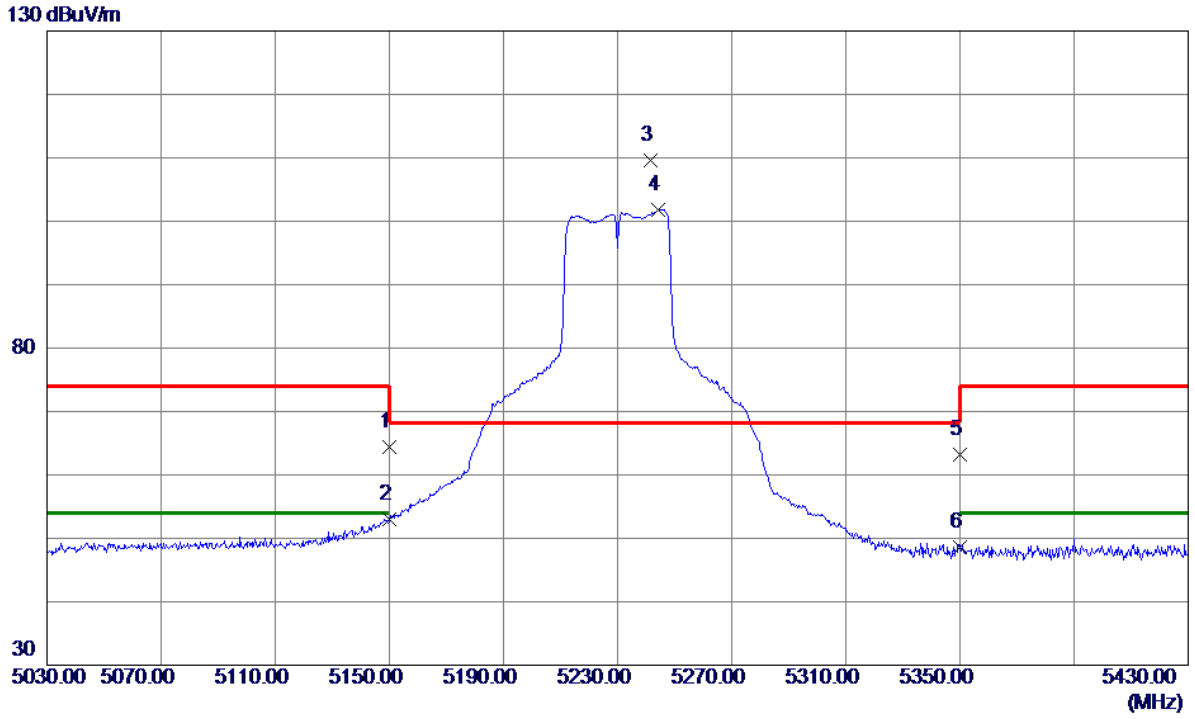
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10456.6200	47.78	1.61	49.39	68.30	-18.91	Peak	

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

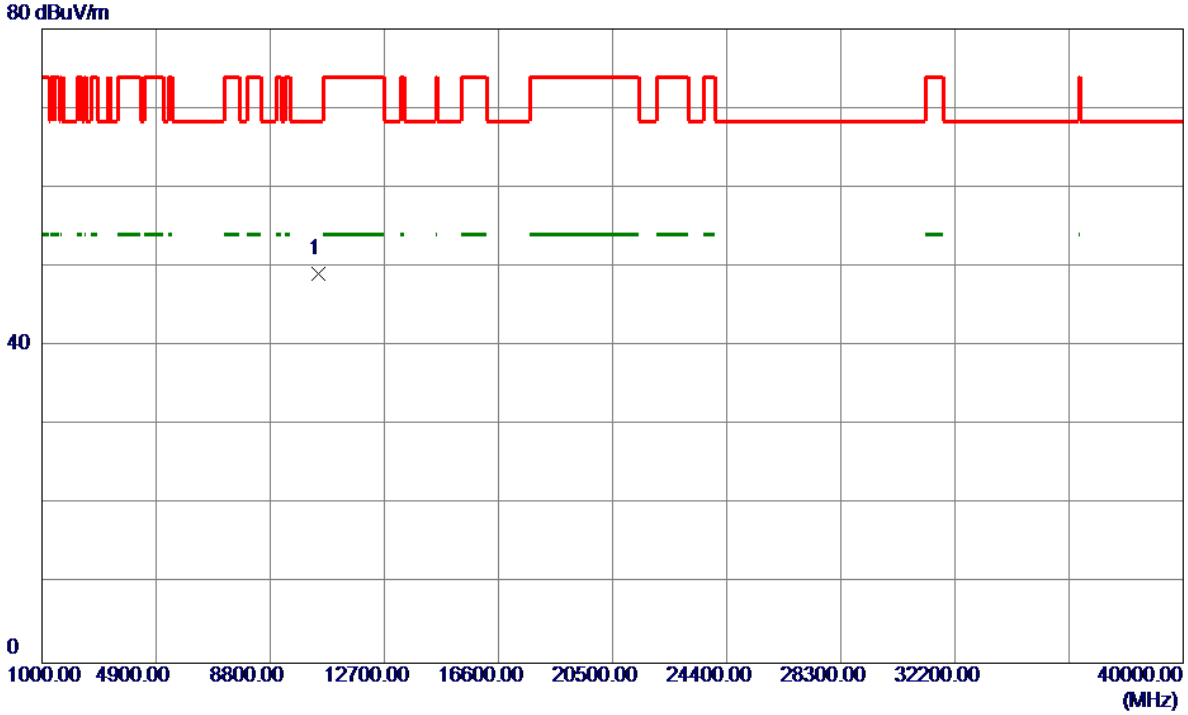
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.31	39.00	64.31	74.00	-9.69	Peak	
2	5150.0000	14.05	39.00	53.05	54.00	-0.95	AVG	
3 *	5241.4000	70.25	39.30	109.55	68.30	41.25	Peak	No Limit
4	5244.2000	62.48	39.31	101.79	999.00	-897.21	AVG	No Limit
5	5350.0000	23.47	39.65	63.12	74.00	-10.88	Peak	
6	5350.0000	8.88	39.65	48.53	999.00	-950.47	AVG	

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

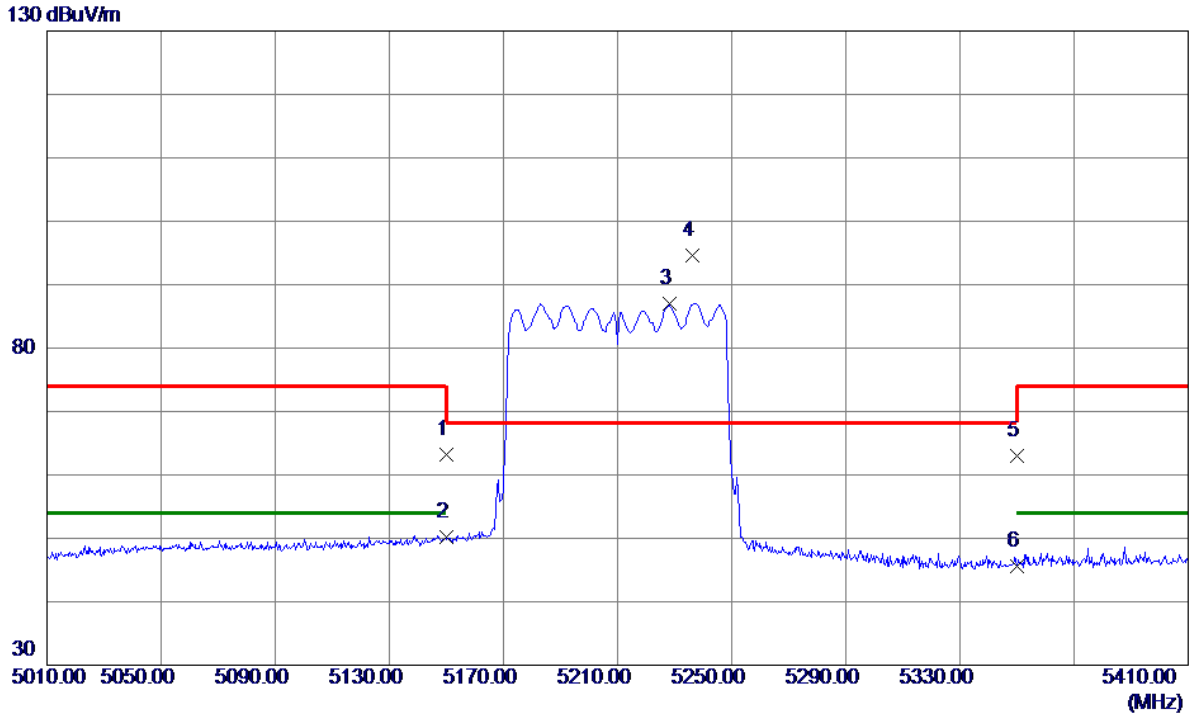
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10455.6700	47.55	1.61	49.16	68.30	-19.14	Peak	

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

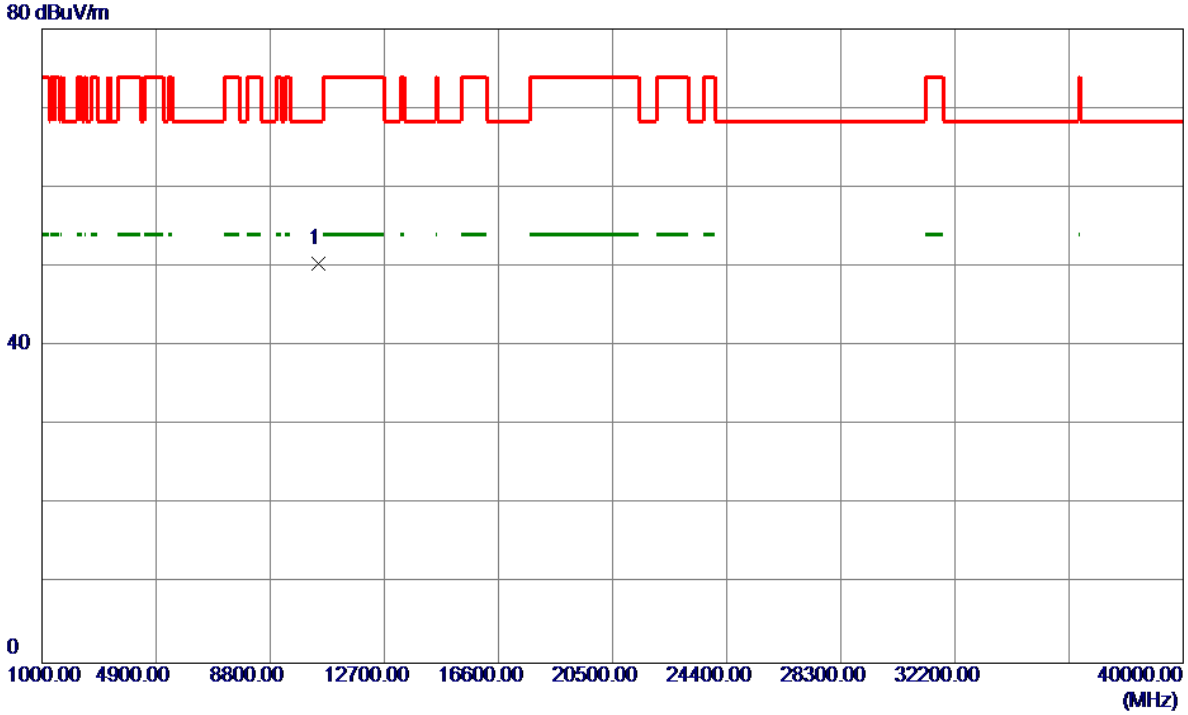
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.14	39.00	63.14	74.00	-10.86	Peak	
2	5150.0000	11.13	39.00	50.13	54.00	-3.87	AVG	
3	5228.2000	47.68	39.25	86.93	999.00	-912.07	AVG	No Limit
4 *	5236.2000	55.24	39.28	94.52	68.30	26.22	Peak	No Limit
5	5350.0000	23.30	39.65	62.95	74.00	-11.05	Peak	
6	5350.0000	5.95	39.65	45.60	999.00	-953.40	AVG	

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

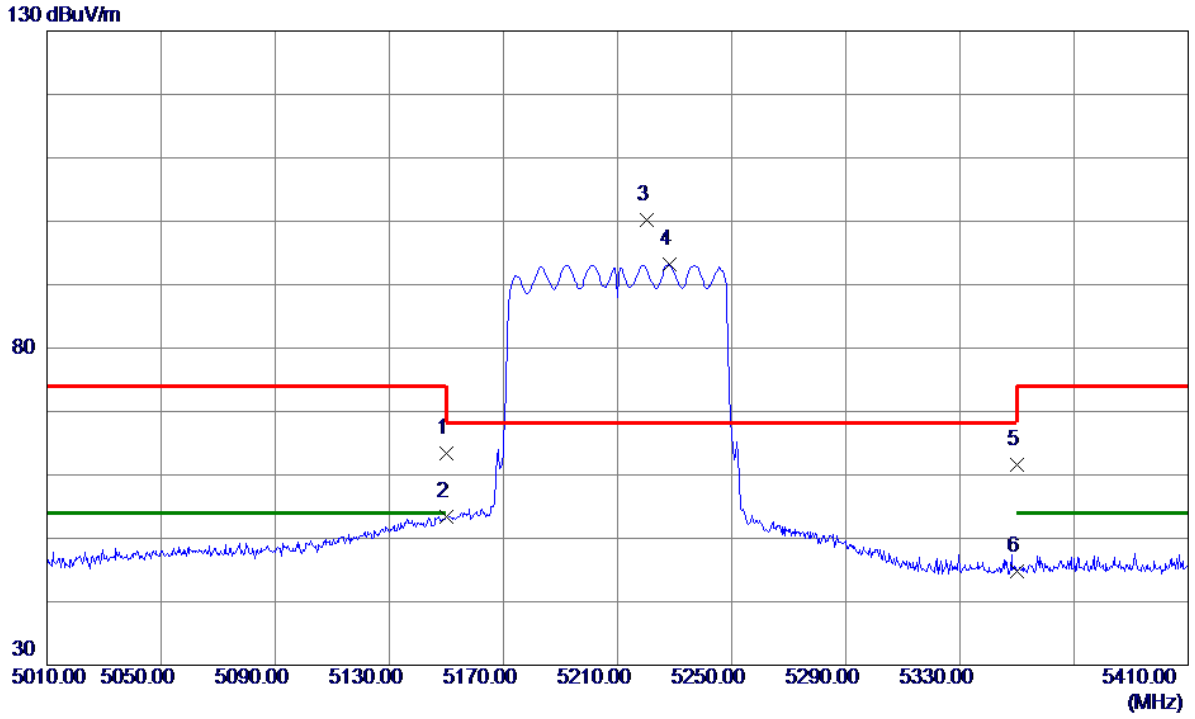
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10425.5000	48.86	1.59	50.45	68.30	-17.85	Peak	

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

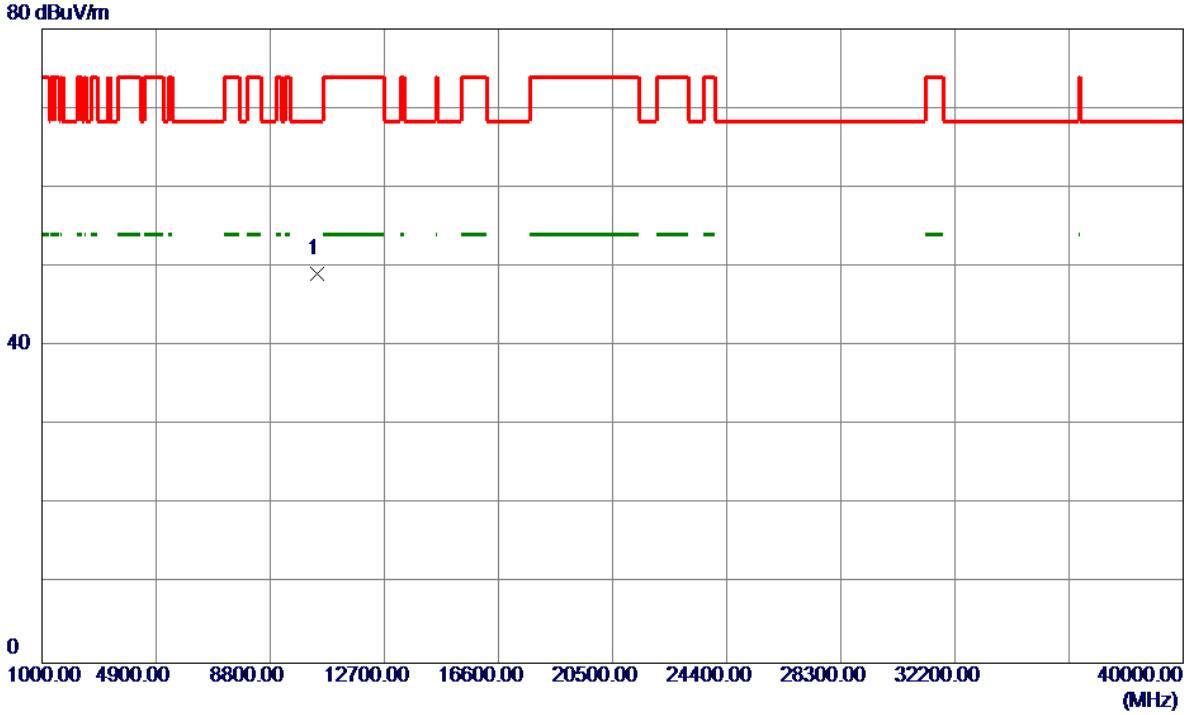
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.36	39.00	63.36	74.00	-10.64	Peak	
2	5150.0000	14.45	39.00	53.45	54.00	-0.55	AVG	
3 *	5220.2000	61.03	39.23	100.26	68.30	31.96	Peak	No Limit
4	5228.2000	53.97	39.25	93.22	999.00	-905.78	AVG	No Limit
5	5350.0000	21.90	39.65	61.55	74.00	-12.45	Peak	
6	5350.0000	5.14	39.65	44.79	999.00	-954.21	AVG	

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

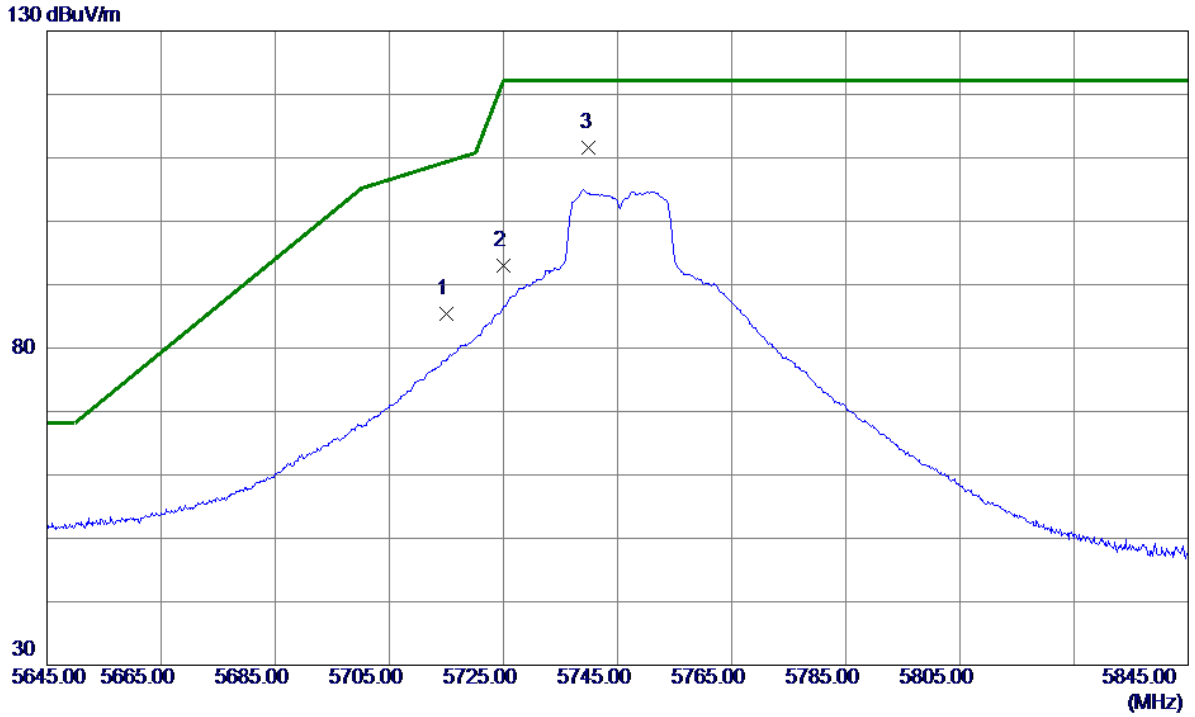
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10418.6000	47.50	1.58	49.08	68.30	-19.22	Peak	

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

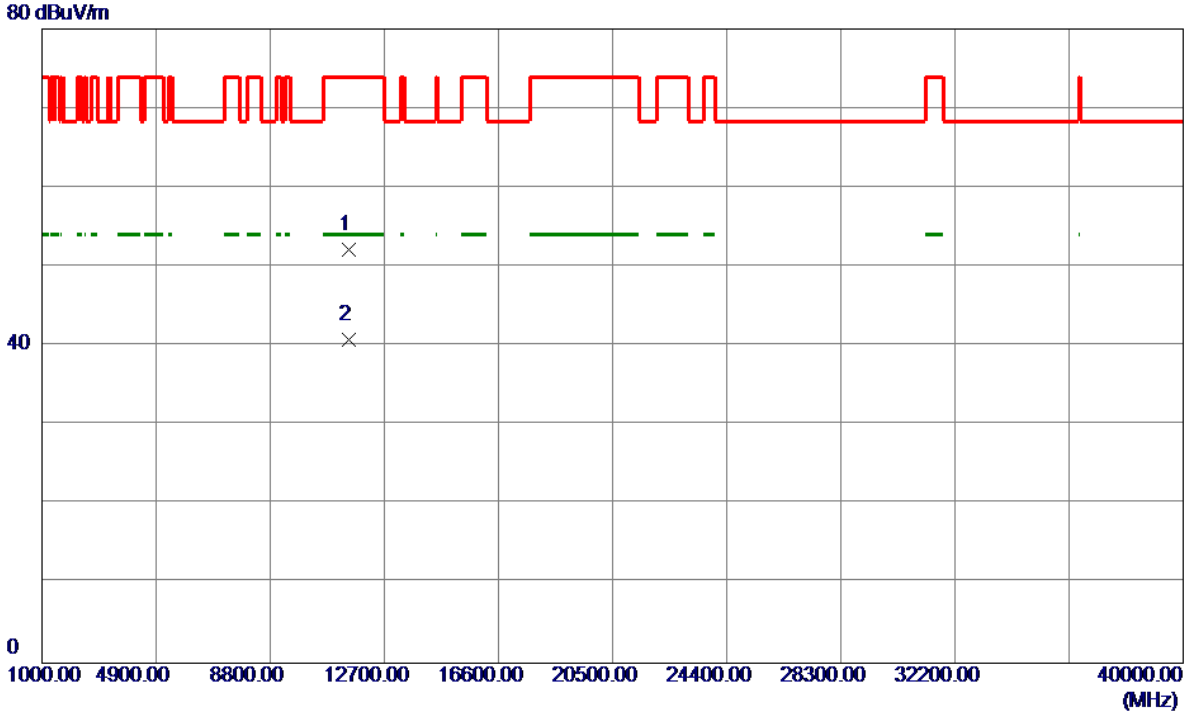
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	45.15	40.32	85.47	109.40	-23.93	Peak	
2	5725.0000	52.59	40.33	92.92	122.20	-29.28	Peak	
3 *	5740.0000	71.31	40.35	111.66	122.20	-10.54	Peak	

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

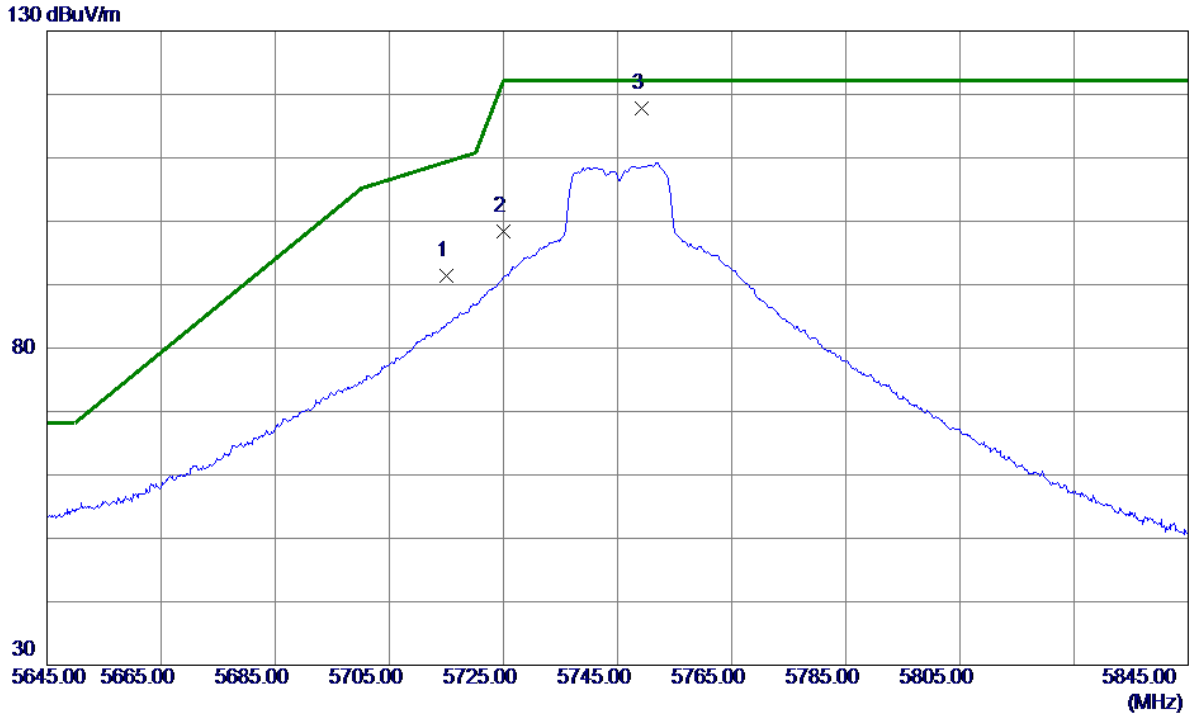
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.2500	50.18	2.00	52.18	74.00	-21.82	Peak	
2 *	11492.0000	38.88	1.99	40.87	54.00	-13.13	AVG	

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

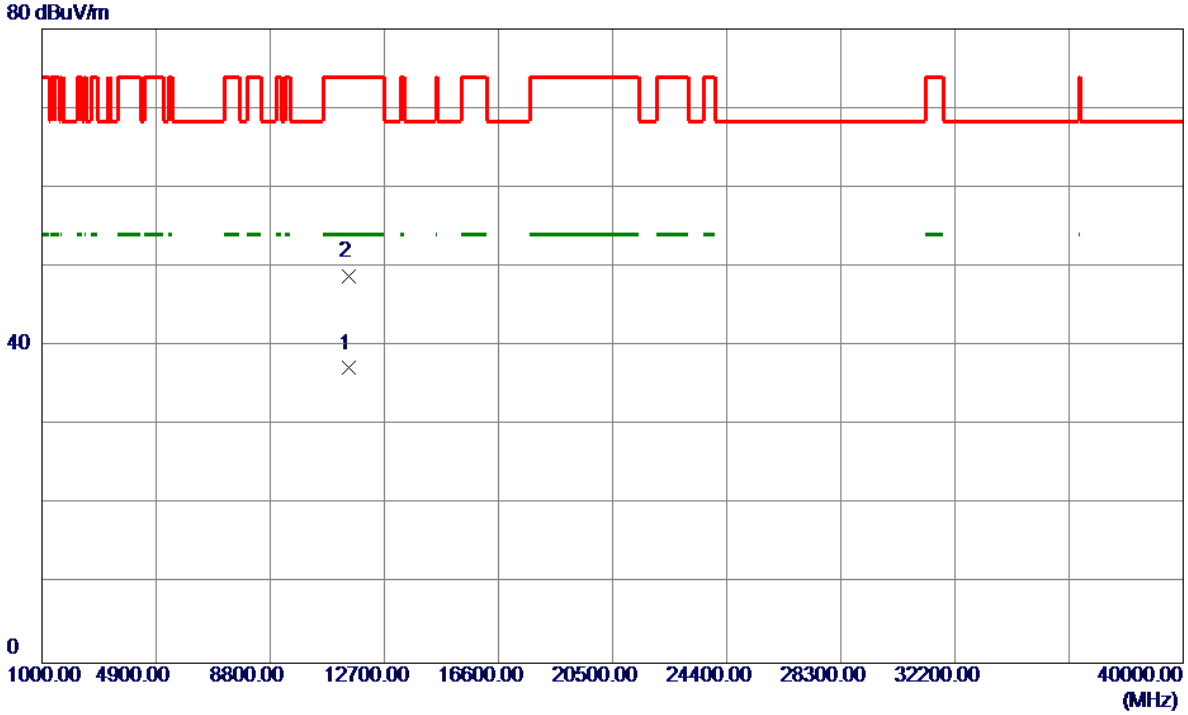
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	51.04	40.32	91.36	109.40	-18.04	Peak	
2	5725.0000	58.15	40.33	98.48	122.20	-23.72	Peak	
3 *	5749.3000	77.46	40.35	117.81	122.20	-4.39	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4000	35.21	1.99	37.20	54.00	-16.80	AVG	
2	11491.0199	46.85	1.99	48.84	74.00	-25.16	Peak	