FCC Radio Test Report

FCC ID: KA2WA171C1

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

Project No.	:	1712C072
Equipment	:	AC600 MU-MIMO Wi-Fi USB Adapter
Test Model	:	DWA-171
Series Model	:	N/A
Applicant	:	D-Link Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California, United States 92708

Date of Receipt	:	Dec. 14, 2017
Date of Test	:	Dec. 14, 2017 ~ Jan. 15, 2018
Issued Date	:	Jan. 17, 2018
Tested by	:	BTL Inc.

Testing Engineer : Jivey Jiang
(Jivey Jiang)

Technical Manager : David Mao
(David Mao)

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(Steven Lu)

BTL INC.

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NVLAP® TESTING NVLAP LAB CODE 200788-0

Declaration

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

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Limitation

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

Table of Contents Page

Table of Contents Page

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1712C072	Original Issue.	Jan. 17, 2018

1. CERTIFICATION

Equipment	:	AC600 MU-MIMO Wi-Fi USB Adapter
Brand Name	:	D-Link
Test Model	:	DWA-171
Series Model		N/A
Applicant	:	D-Link Corporation
Manufacturer	:	Alpha Networks Inc
Address	:	No.8 Li-shing 7th Rd., Science-based Industrial Park, Hsinchu, Taiwan, R.O.C.
Factory	:	AlphaNetworks(Dongguan) Co.,Ltd.
Address	:	Part A2, Floor 6, No. 55 Feila Road, Waigaoqiao Free Trade Zone, Shanghai
Date of Test	:	Dec. 14, 2017 ~ Jan. 15, 2018
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-2-1712C072) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Test results included in this report is only for RLAN 5GHz part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	1.94

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC600 MU-MIMO Wi-Fi USB Adapter		
Brand Name	D-Link		
Test Model	DWA-171		
Series Model	N/A		
Model Difference	N/A		
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5600MHz &5650-5725MHz UNII-3: 5725-5850MHz	
	Modulation Type	802.11a:OFDM 802.11n:OFDM 802.11ac:OFDM	
	Bit Rate of Transmitter	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to 433 Mbps	
Power Source	Supplied from USB port.		
Power Rating	DC 5V 1A		
Output Power	Output Power (Max.)for UNII-1		802.11a: 19.82dBm 802.11n (20M): 19.84dBm 802.11n (40M): 18.67dBm 802.11ac (20M): 19.85dBm 802.11ac (40M): 18.52dBm 802.11ac (80M): 14.38dBm
	Output Power (Max.)for UNII-2A		802.11a: 20.15dBm 802.11n (20M): 19.88dBm 802.11n (40M): 18.12dBm 802.11ac (20M): 19.56dBm 802.11ac (40M): 18.34dBm 802.11ac (80M): 12.17dBm
	Output Power (Max.)for UNII-2C		802.11a: 14.83dBm 802.11n (20M): 14.68dBm 802.11n (40M): 15.85dBm 802.11ac (20M): 17.51dBm 802.11ac (40M): 16.31dBm 802.11ac (80M): 12.88dBm
	Output Power (Max.)for UNII-3		802.11a: 18.71dBm 802.11n (20M): 18.81dBm 802.11n (40M): 18.45dBm 802.11ac (20M): 19.16dBm 802.11ac (40M): 18.13dBm 802.11ac (80M): 17.75dBm

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. Channel List:

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

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11ac 40MHz		802.11ac 80MHz	
Band 3		Band 3		Band 3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550		
108	5540	118	5590		
112	5560	134	5670		
116	5580				
132	5660				
136	5680				
140	5700				

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	4

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 / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)
Mode 25	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 25	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 / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

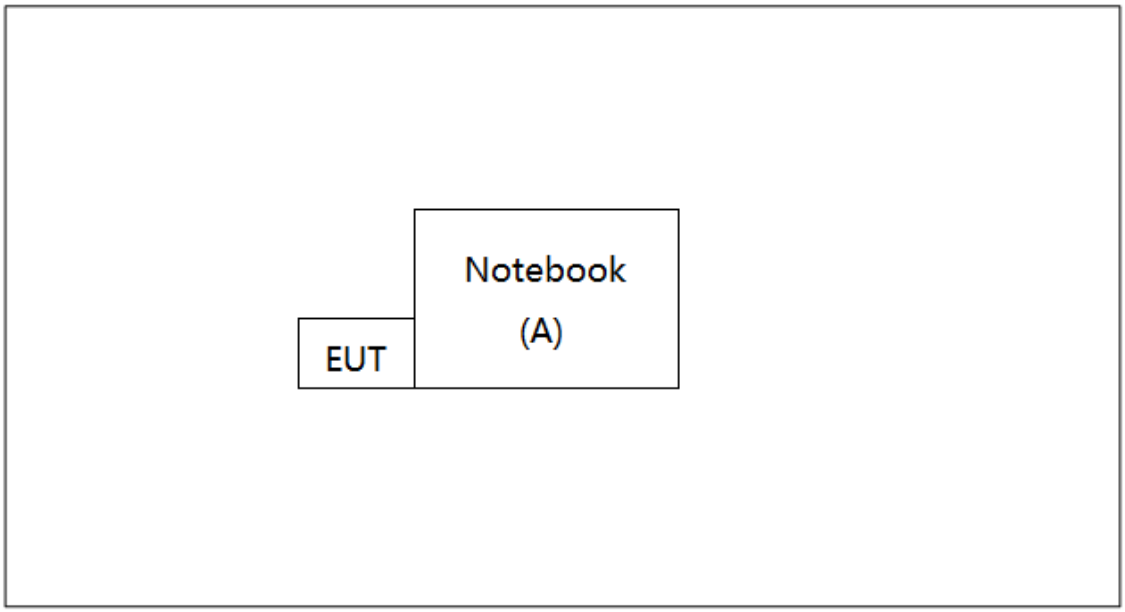
UNII-1			
Test Software Version	MP TOOL		
Frequency (MHz)	5180	5200	5240
A Mode	58	59	59
N20 Mode	59	59	59
AC20 Mode	60	59	59
Frequency (MHz)	5190	5230	
N40 Mode	49	55	
AC40 Mode	49	55	
Frequency (MHz)	5210		
AC80 Mode	46		

UNII-2A			
Test Software Version	MP TOOL		
Frequency (MHz)	5260	5300	5320
A Mode	60	59	57
N20 Mode	60	59	55
AC20 Mode	60	59	55
Frequency (MHz)	5270	5310	
N40 Mode	55	44	
AC40 Mode	55	45	
Frequency (MHz)	5290		
AC80 Mode	41		

UNII-2C			
Test Software Version	MP TOOL		
Frequency (MHz)	5500	5580	5700
A Mode	48	43	45
N20 Mode	48	43	45
AC20 Mode	48	45	55
Frequency (MHz)	5510	5550	5670
N40 Mode	50	51	49
AC40 Mode	49	51	49
Frequency (MHz)	5530		
AC80 Mod	44		

UNII-3			
Test Software Version	MP TOOL		
Frequency (MHz)	5745	5785	5825
A Mode	63	63	63
N20 Mode	63	63	63
AC20 Mode	63	63	63
Frequency (MHz)	5755	5795	
N40 Mode	63	63	
AC40 Mode	63	63	
Frequency (MHz)	5775		
AC80 Mode	63		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	E46L	DOC	EB22953770

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

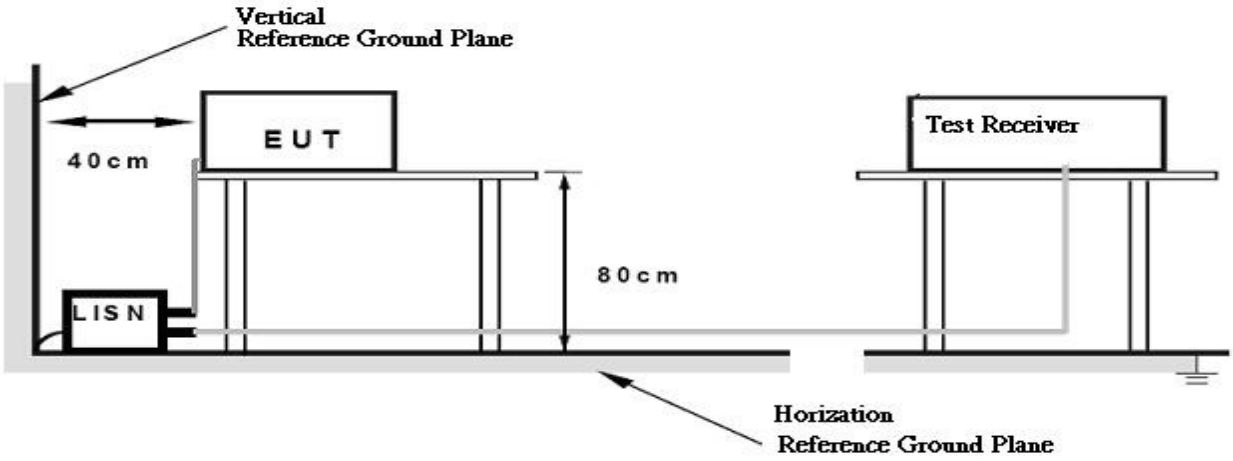
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

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

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

4.2.2 TEST PROCEDURE

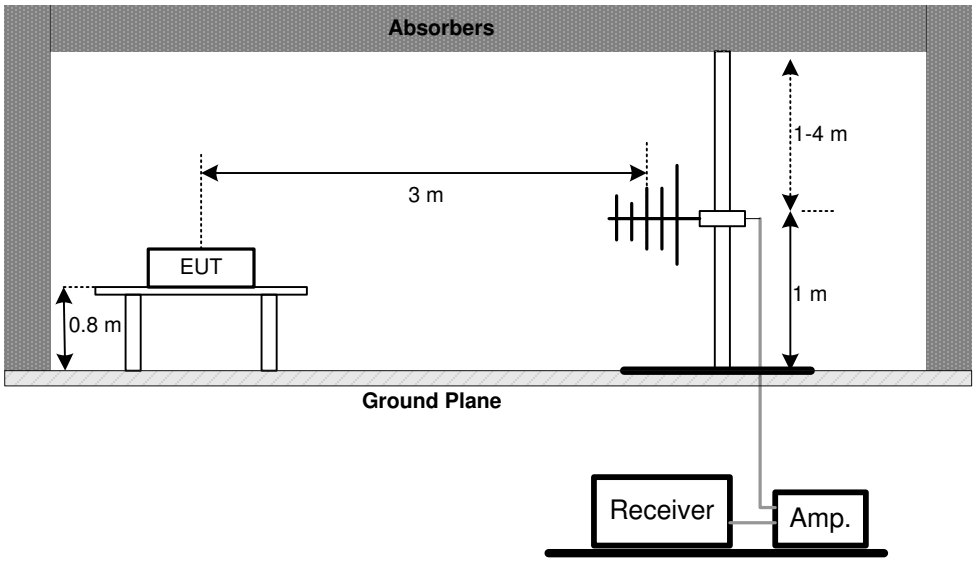
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

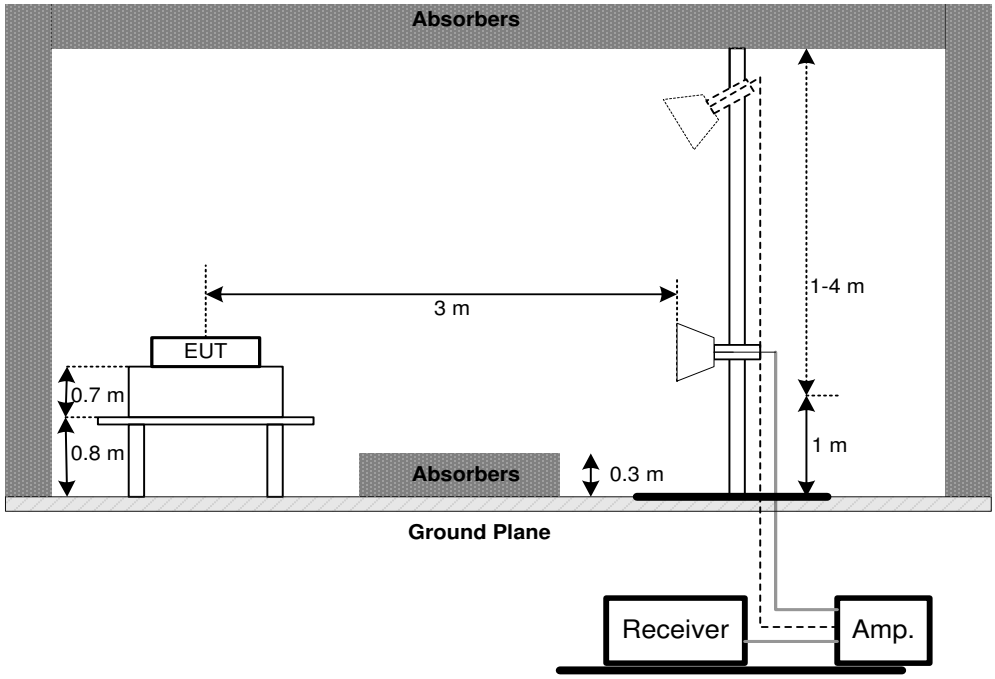
No deviation

4.2.4 TEST SETUP

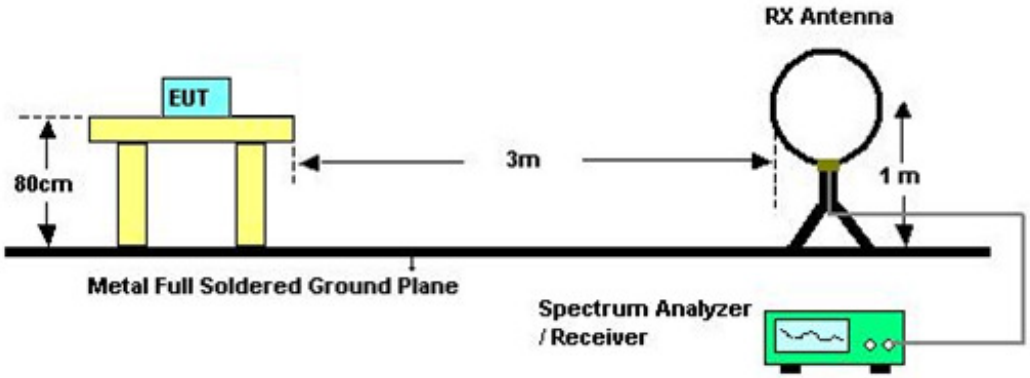
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

4.2.7 TEST RESULTS (9KHz TO 30MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (30MHz TO 1000MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5600 & 5650-5725	PASS
	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP

5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5600 & 5650-5725	PASS
	1 Watt (30dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

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

b.

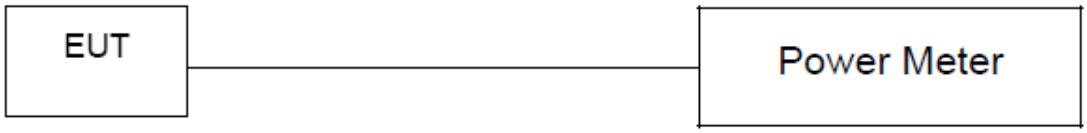
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	11dBm/MHz	5250-5350	PASS
	11dBm/MHz	5470-5600 & 5650-5725	PASS
	30dBm/500kHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

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

b.

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

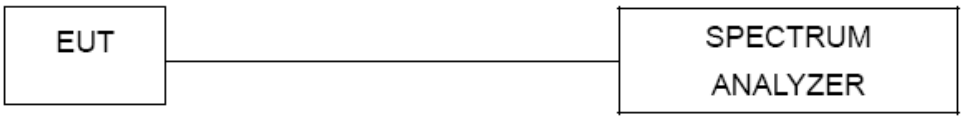
Note:

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

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5250-5350	PASS
		5470-5600 & 5650-5725	PASS
		5725-5850	PASS

8.1.1 TEST PROCEDURE

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

b.

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

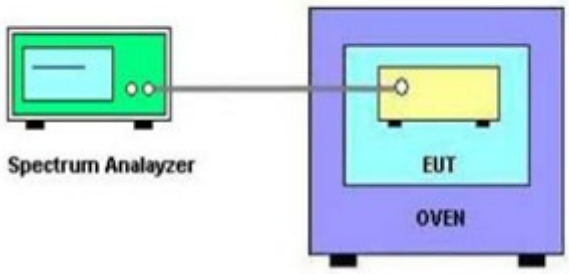
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 5V

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Cable	N/A	RG223	12m	Aug. 20, 2018
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement - Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Aug. 20, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Antenna	EM	EM-6876-1	230	Mar. 06, 2018

Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Antenna	EM	EM-6876-1	230	Jul. 07, 2018
7	Controller	CT	SC100	N/A	N/A
8	Controller	MF	MF-7802	MF780208416	N/A
9	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 26, 2018
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 26, 2018

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

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2018

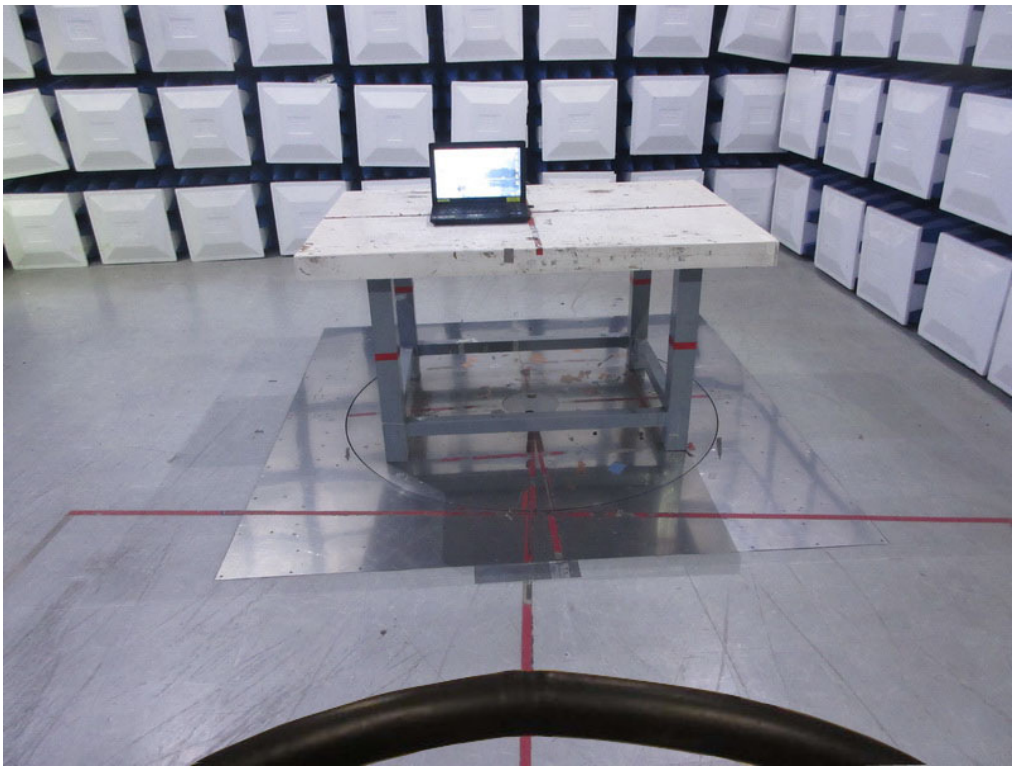
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

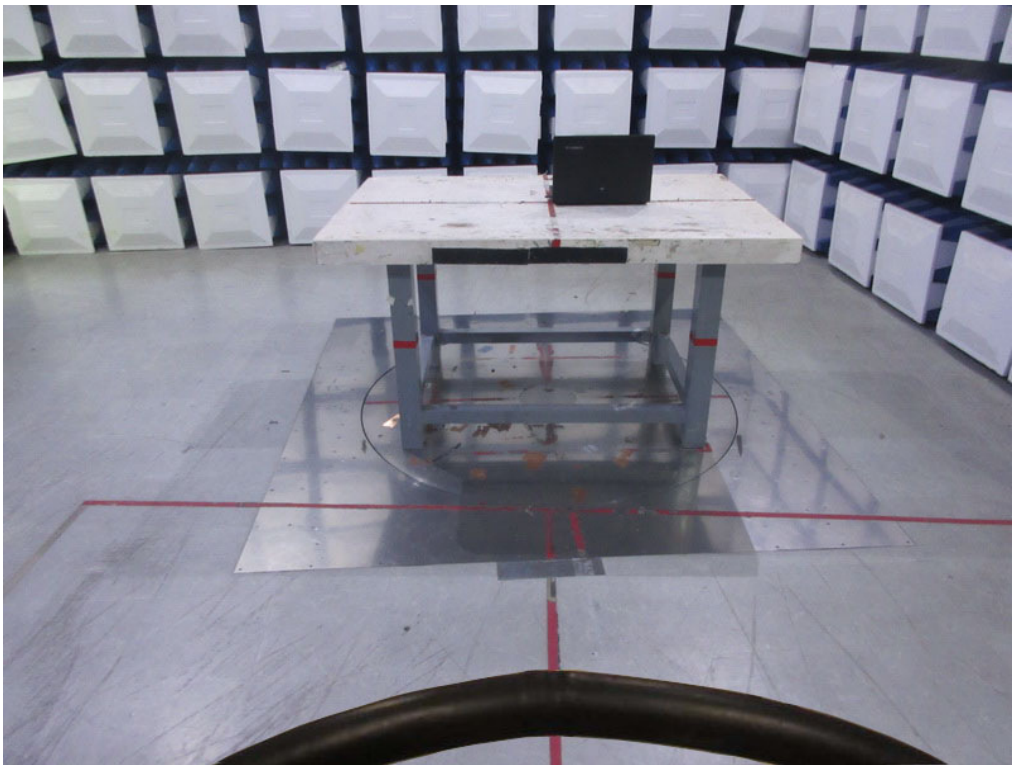
10. EUT TEST PHOTOS

Conducted Measurement Photos

Radiated Measurement Photos

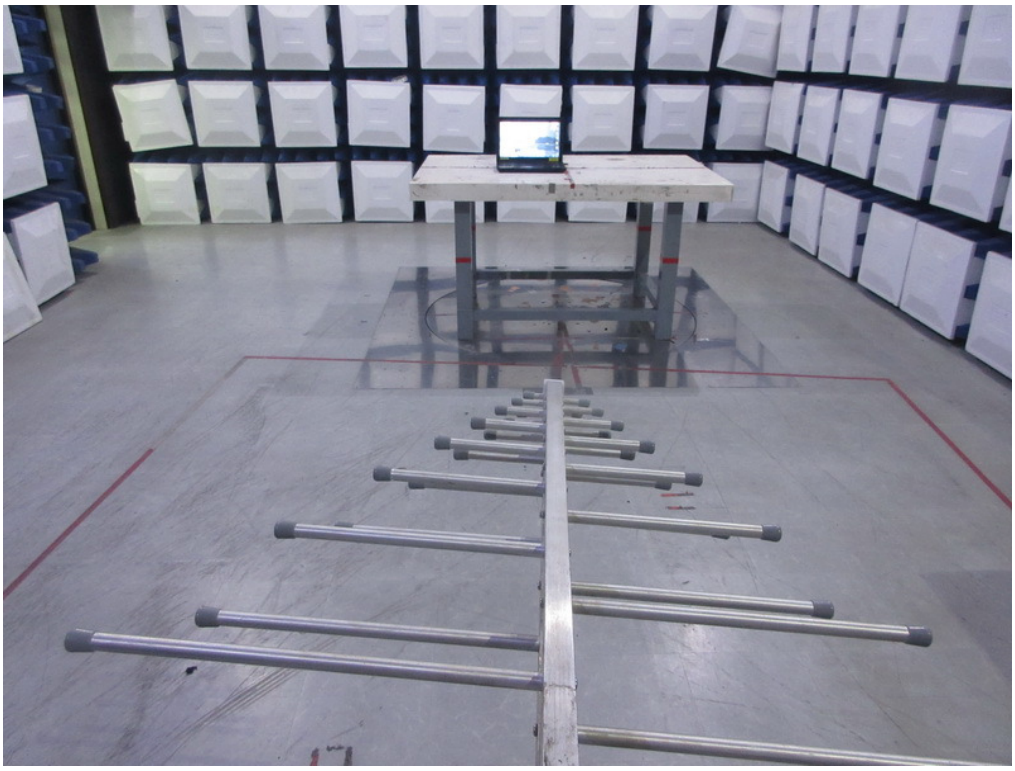
9KHz to 30MHz

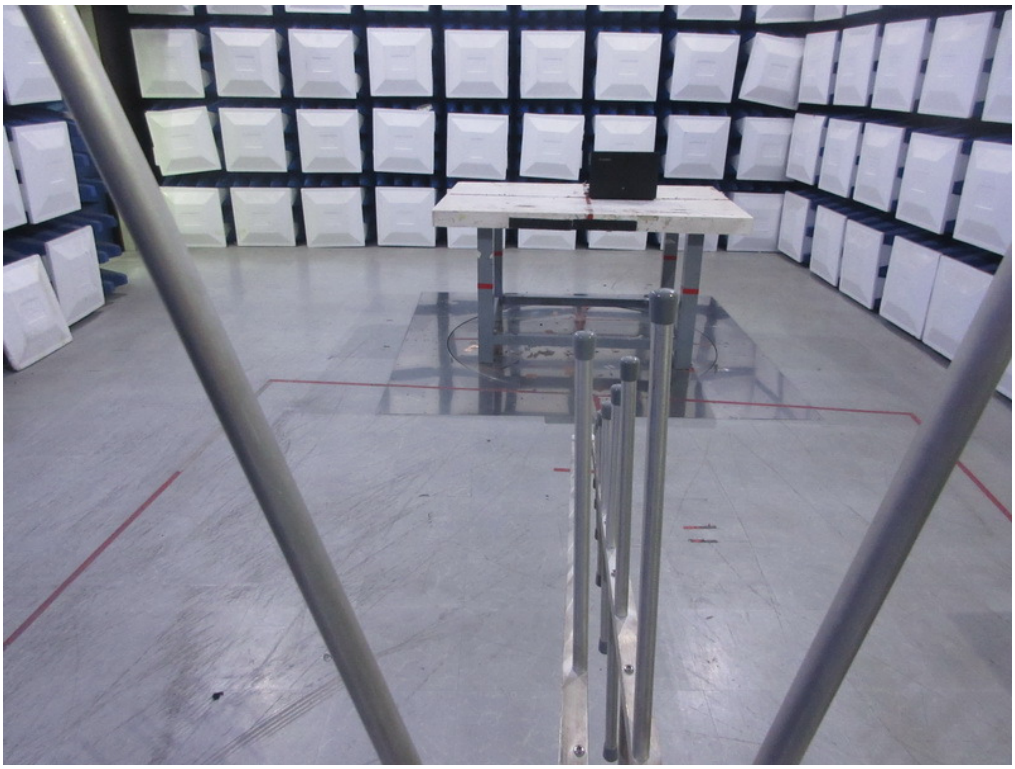




Radiated Measurement Photos

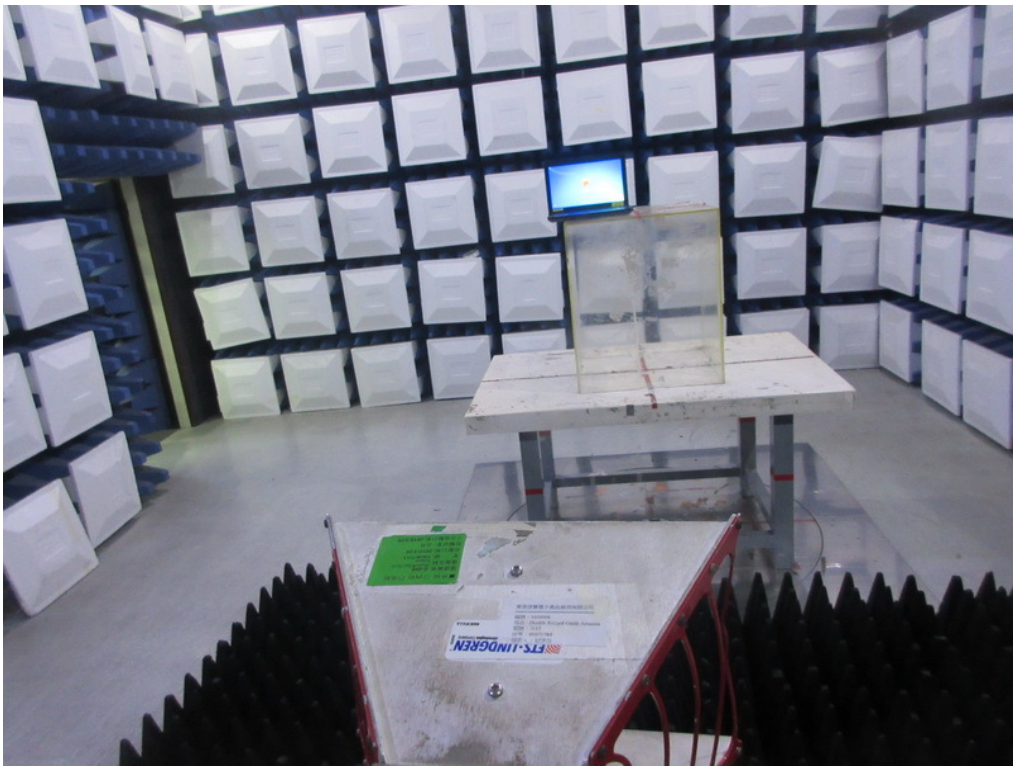
30MHz to 1000MHz

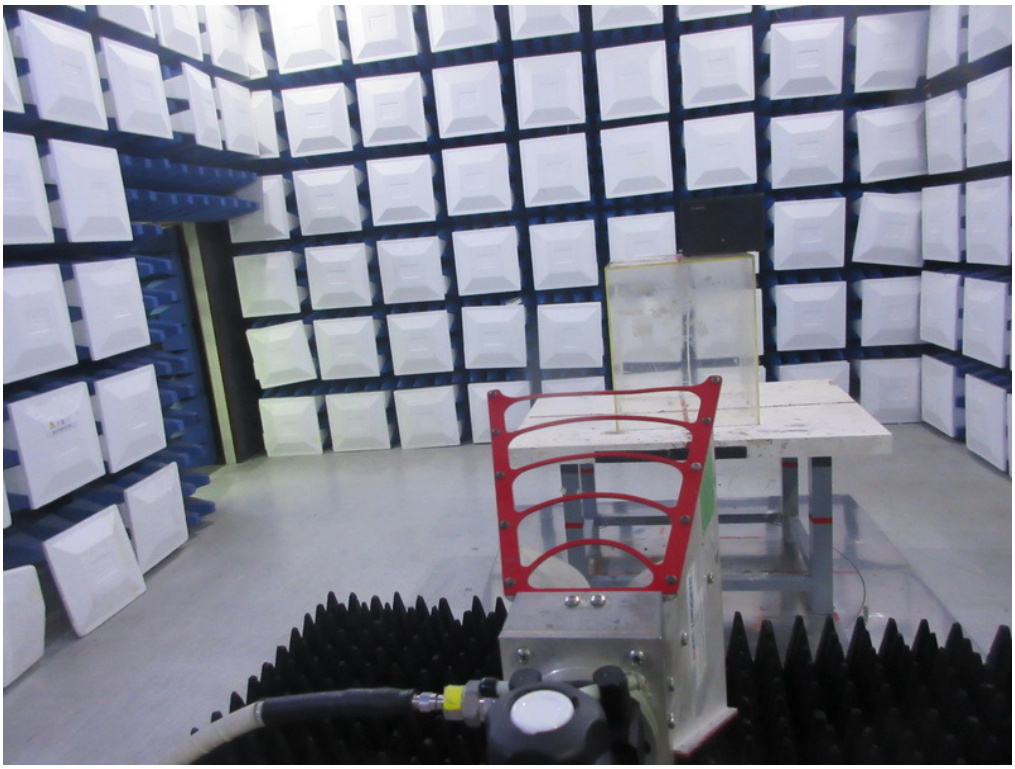




Radiated Measurement Photos

Above 1000MHz

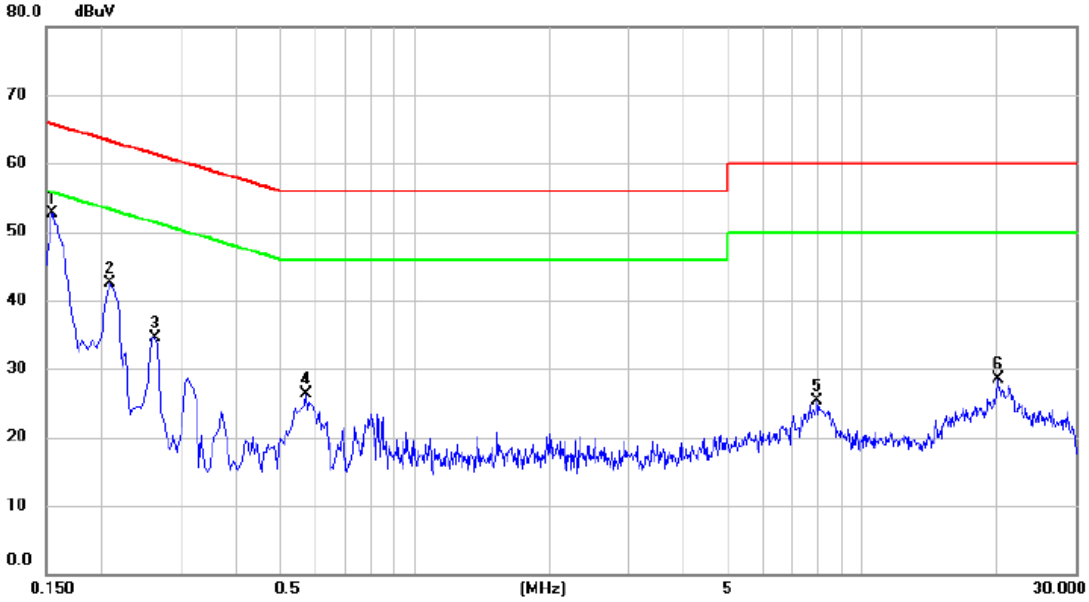




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX MODE

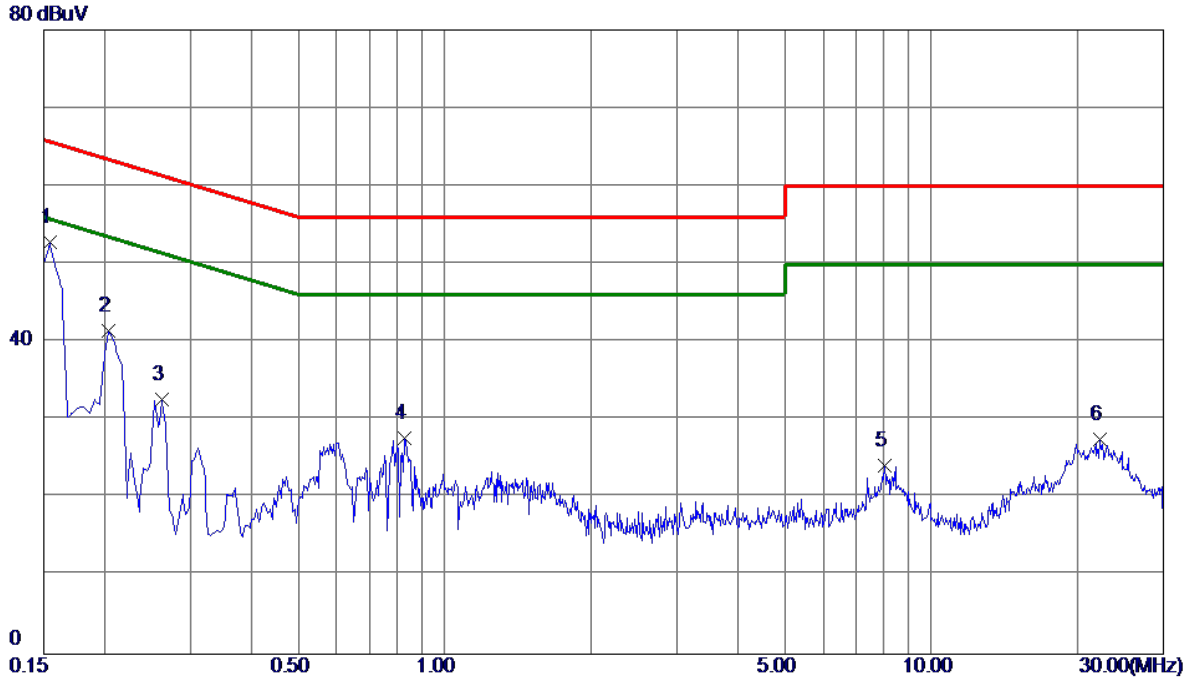
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1544	42.92	9.79	52.71	65.76	-13.05	peak	
2		0.2085	32.69	9.76	42.45	63.26	-20.81	peak	
3		0.2625	24.71	9.76	34.47	61.35	-26.88	peak	
4		0.5730	16.40	9.81	26.21	56.00	-29.79	peak	
5		7.9080	15.08	10.23	25.31	60.00	-34.69	peak	
6		20.0985	17.94	10.65	28.59	60.00	-31.41	peak	

Test Mode:	TX MODE

Neutral

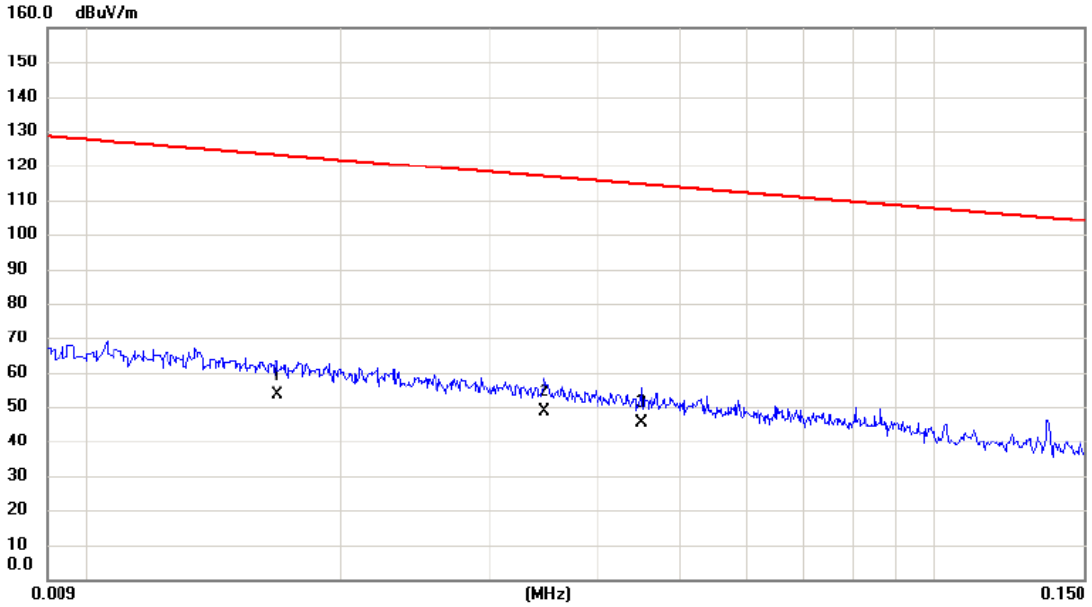


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1545	43.05	9.68	52.73	65.75	-13.02	Peak	
2	0.2040	31.71	9.69	41.40	63.45	-22.05	Peak	
3	0.2625	23.03	9.67	32.70	61.35	-28.65	Peak	
4	0.8250	17.89	9.72	27.61	56.00	-28.39	Peak	
5	8.0024	13.98	10.16	24.14	60.00	-35.86	Peak	
6	22.1910	16.73	10.84	27.57	60.00	-32.43	Peak	

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

Test Mode:	TX MODE

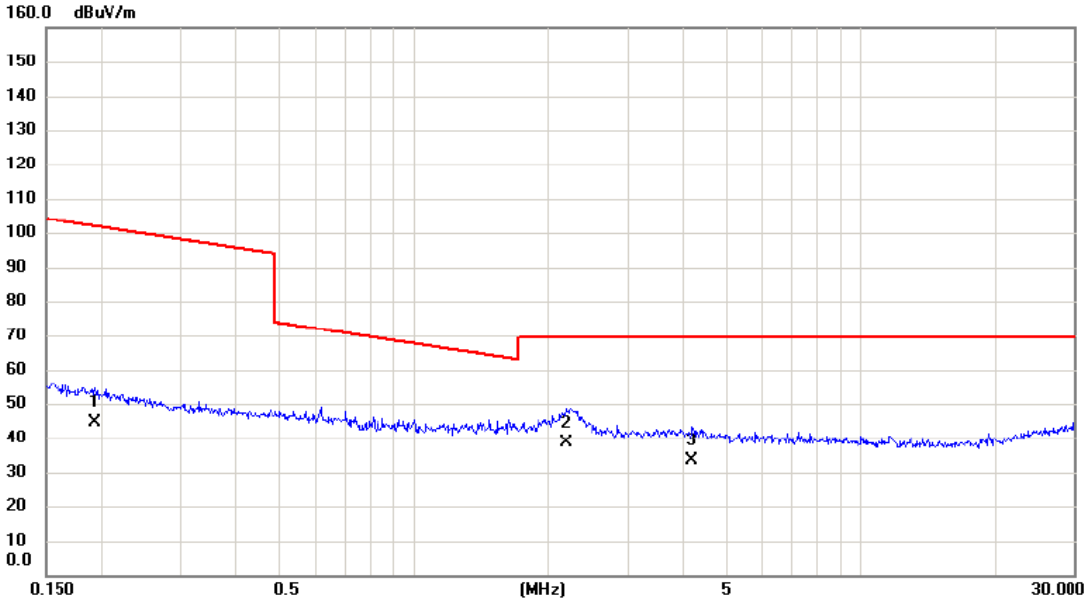
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0168	33.45	20.04	53.49	123.10	-69.61	AVG	
2	*	0.0347	29.38	19.18	48.56	116.80	-68.24	AVG	
3		0.0450	26.41	18.87	45.28	114.54	-69.26	AVG	

Test Mode:	TX MODE

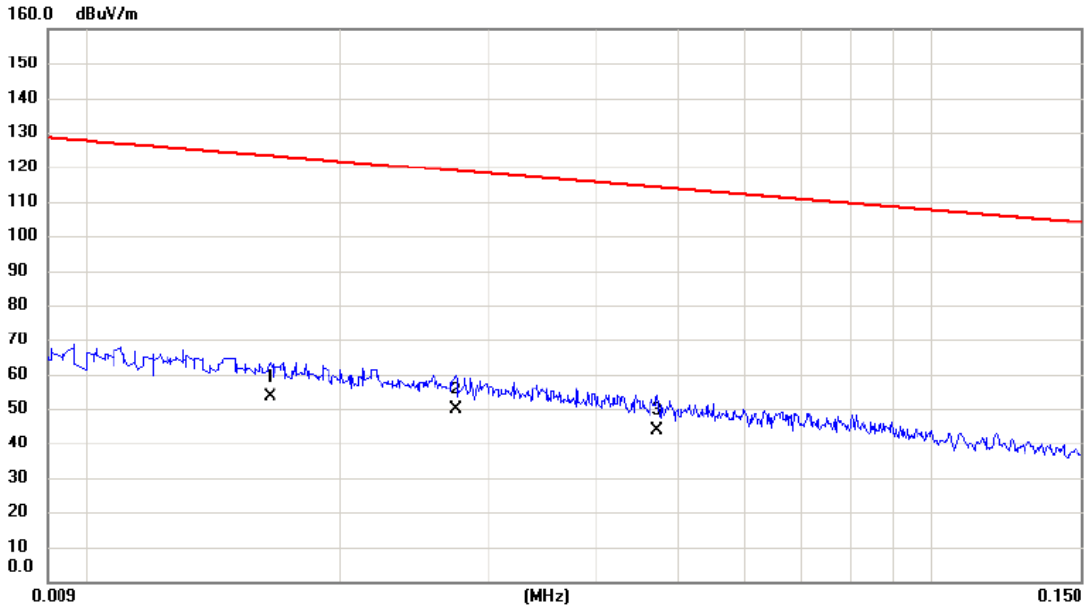
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1924	27.64	16.82	44.46	101.92	-57.46	AVG	
2	*	2.1898	23.23	15.45	38.68	69.54	-30.86	QP	
3		4.1796	18.47	14.84	33.31	69.54	-36.23	QP	

Test Mode:	TX MODE

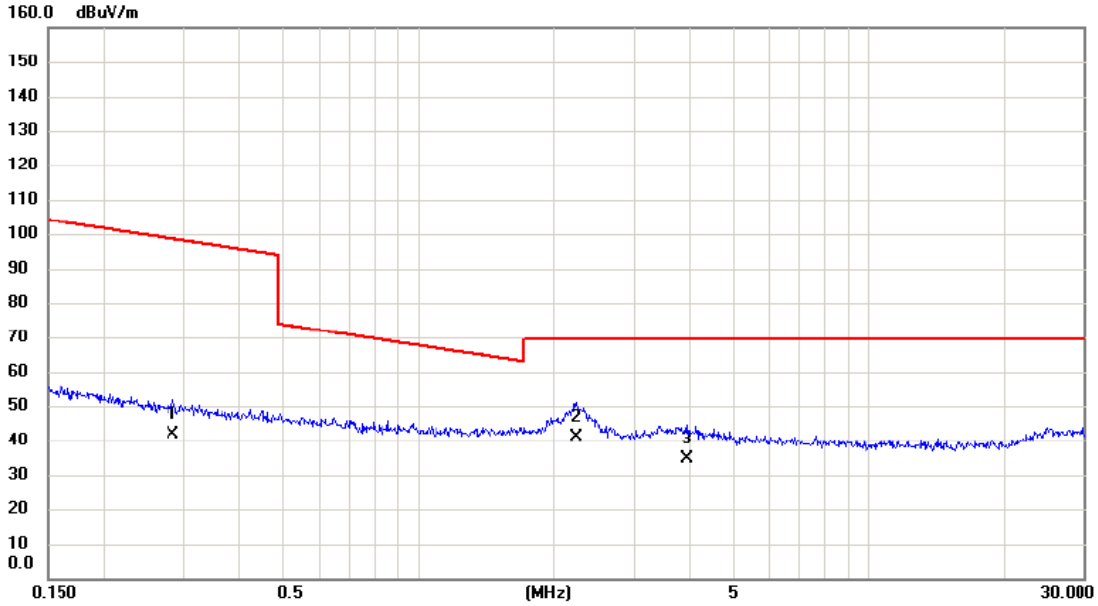
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0165	33.46	20.07	53.53	123.26	-69.73	AVG	
2	*	0.0274	30.47	19.40	49.87	118.85	-68.98	AVG	
3		0.0473	24.88	18.80	43.68	114.11	-70.43	AVG	

Test Mode:	TX MODE

Ant 90°

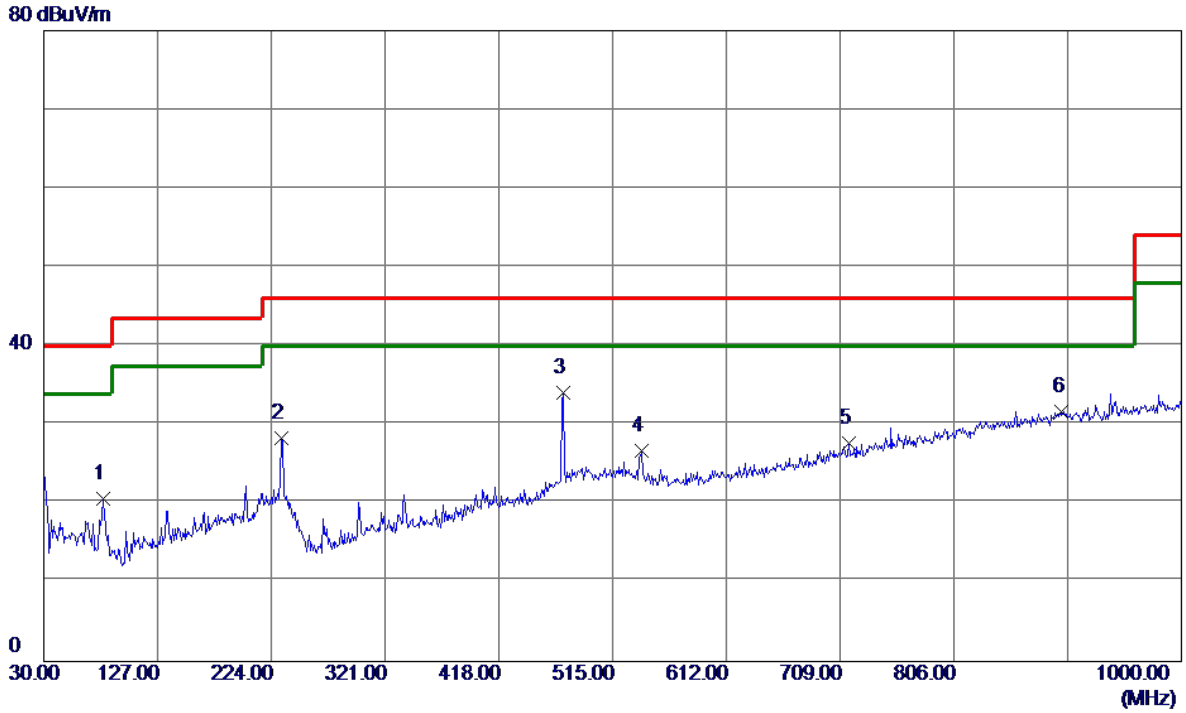


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2847	24.98	16.63	41.61	98.52	-56.91	AVG	
2	*	2.2367	25.45	15.44	40.89	69.54	-28.65	QP	
3		3.9430	19.78	14.97	34.75	69.54	-34.79	QP	

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

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

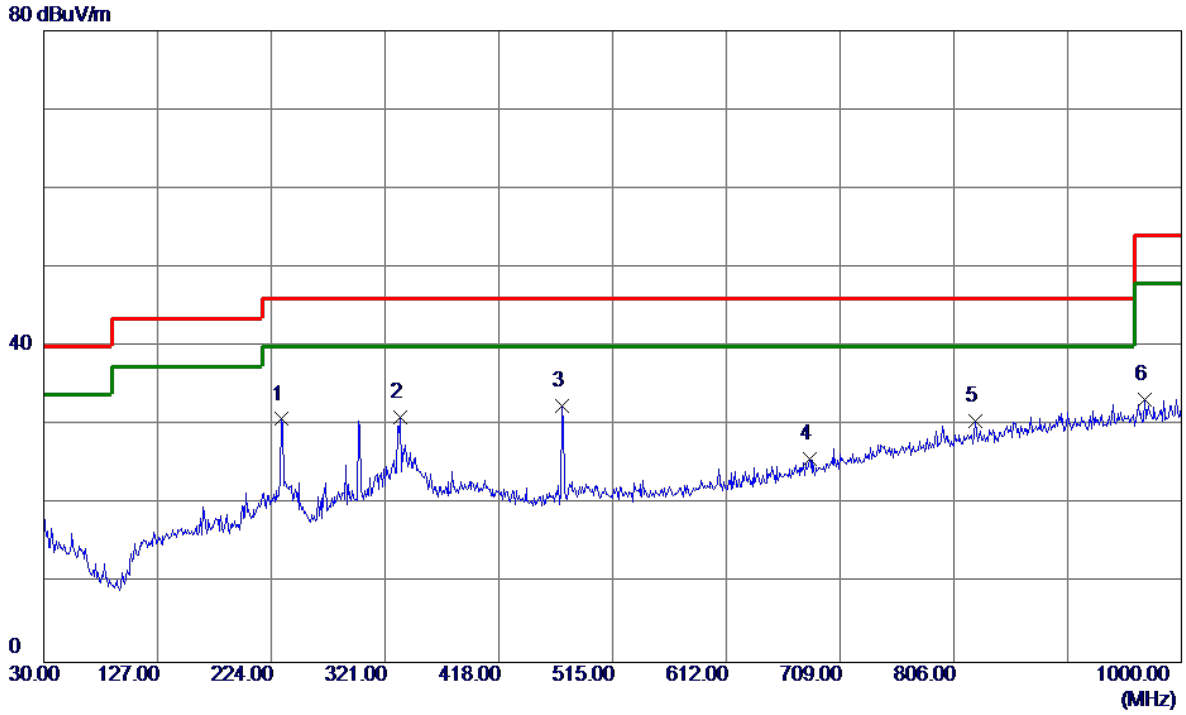
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	38.85	-18.25	20.60	40.00	-19.40	Peak	
2	232.7300	42.50	-14.19	28.31	46.00	-17.69	Peak	
3 *	473.2900	43.39	-9.37	34.02	46.00	-11.98	Peak	
4	540.2199	34.64	-7.91	26.73	46.00	-19.27	Peak	
5	716.7600	31.07	-3.44	27.63	46.00	-18.37	Peak	
6	898.1500	30.76	0.99	31.75	46.00	-14.25	Peak	

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

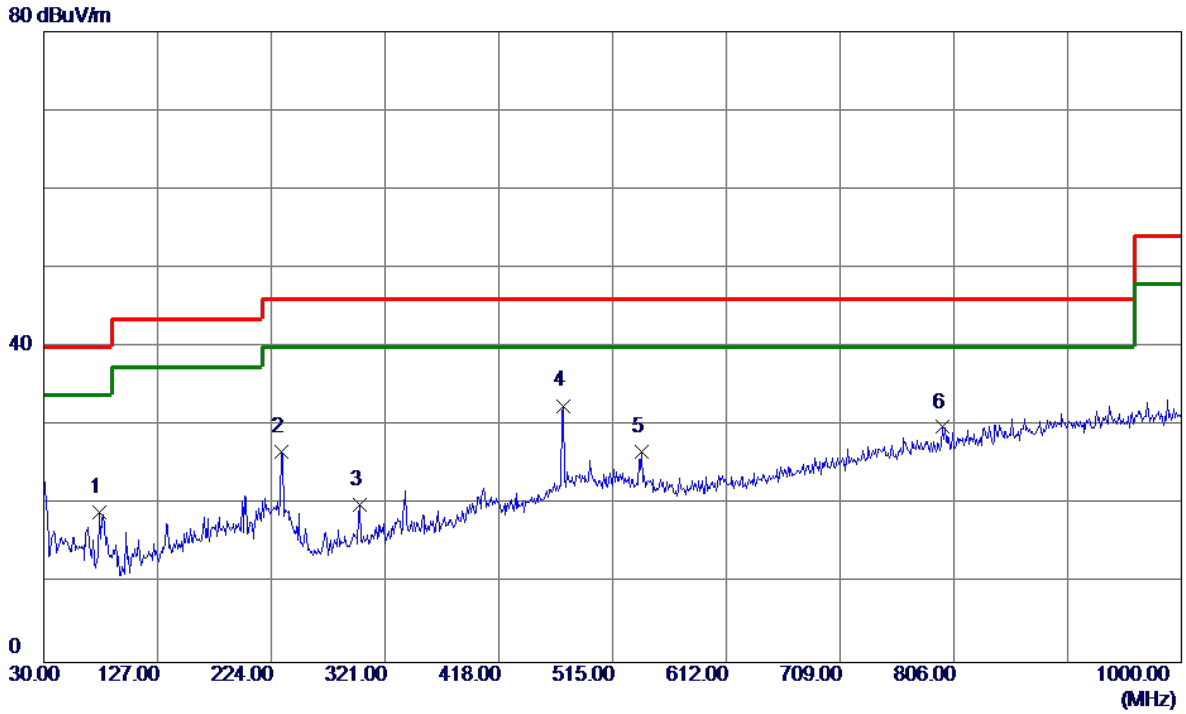
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	44.99	-14.19	30.80	46.00	-15.20	Peak	
2	333.6099	43.24	-12.24	31.00	46.00	-15.00	Peak	
3 *	471.3500	41.86	-9.42	32.44	46.00	-13.56	Peak	
4	682.8100	30.17	-4.47	25.70	46.00	-20.30	Peak	
5	824.4300	31.24	-0.70	30.54	46.00	-15.46	Peak	
6	968.9600	30.89	2.36	33.25	54.00	-20.75	Peak	

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

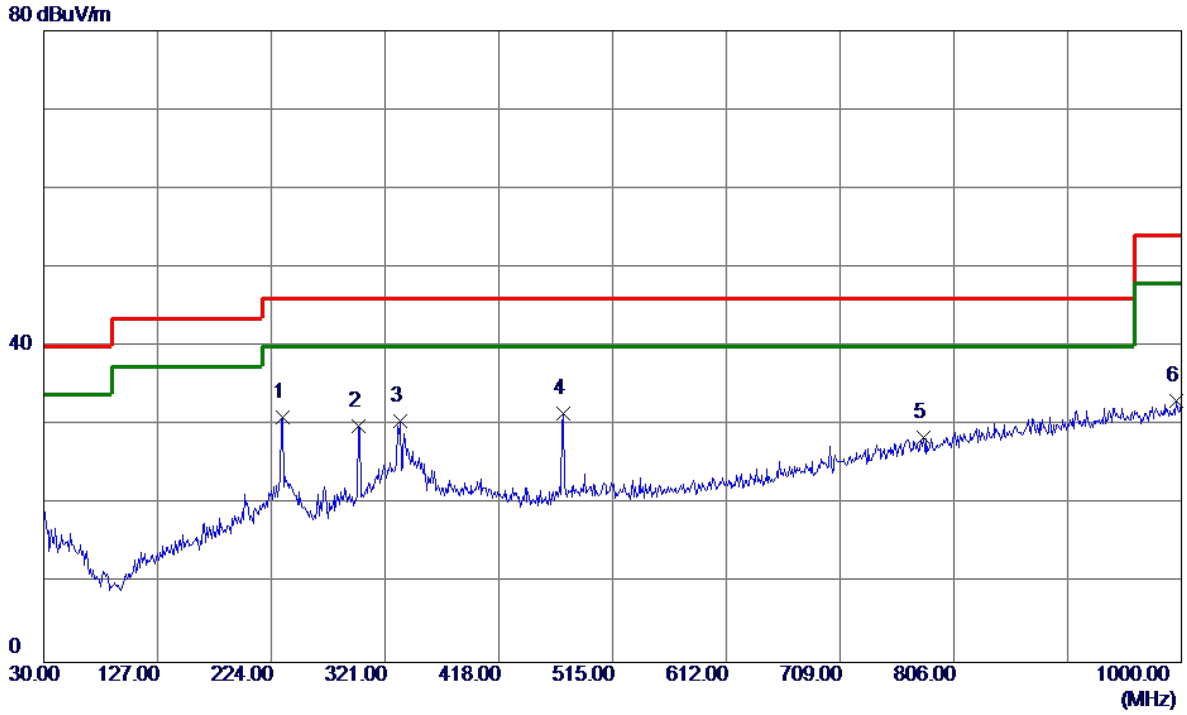
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	77.5300	36.78	-17.67	19.11	40.00	-20.89	Peak	
2	232.7300	40.88	-14.19	26.69	46.00	-19.31	Peak	
3	299.6600	32.81	-12.88	19.93	46.00	-26.07	Peak	
4 *	473.2900	41.93	-9.37	32.56	46.00	-13.44	Peak	
5	540.2199	34.64	-7.91	26.73	46.00	-19.27	Peak	
6	796.3000	31.28	-1.44	29.84	46.00	-16.16	Peak	

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

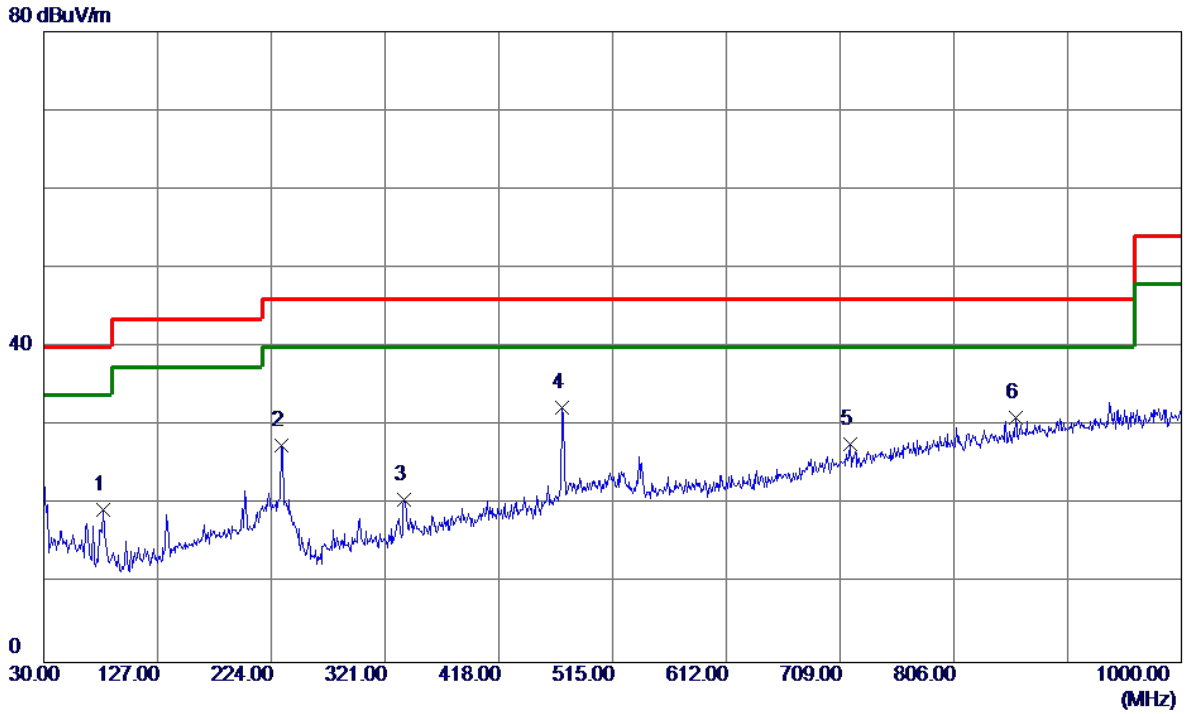
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	233.7000	45.26	-14.22	31.04	46.00	-14.96	Peak	
2	298.6900	42.96	-13.01	29.95	46.00	-16.05	Peak	
3	333.6099	42.79	-12.24	30.55	46.00	-15.45	Peak	
4 *	473.2900	40.86	-9.37	31.49	46.00	-14.51	Peak	
5	779.8100	30.21	-1.80	28.41	46.00	-17.59	Peak	
6	996.1200	30.30	2.89	33.19	54.00	-20.81	Peak	

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

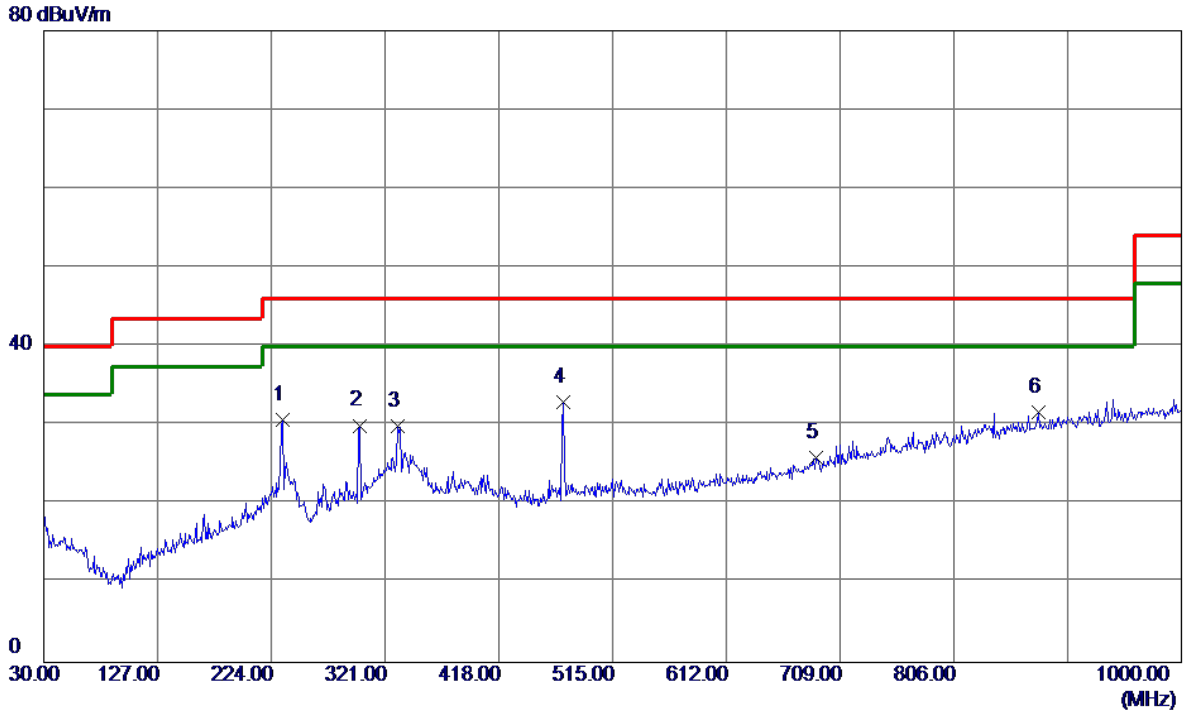
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	37.55	-18.25	19.30	40.00	-20.70	Peak	
2	232.7300	41.65	-14.19	27.46	46.00	-18.54	Peak	
3	337.4900	32.85	-12.17	20.68	46.00	-25.32	Peak	
4 *	471.3500	41.72	-9.42	32.30	46.00	-13.70	Peak	
5	717.7300	31.03	-3.41	27.62	46.00	-18.38	Peak	
6	858.3800	30.86	0.17	31.03	46.00	-14.97	Peak	

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

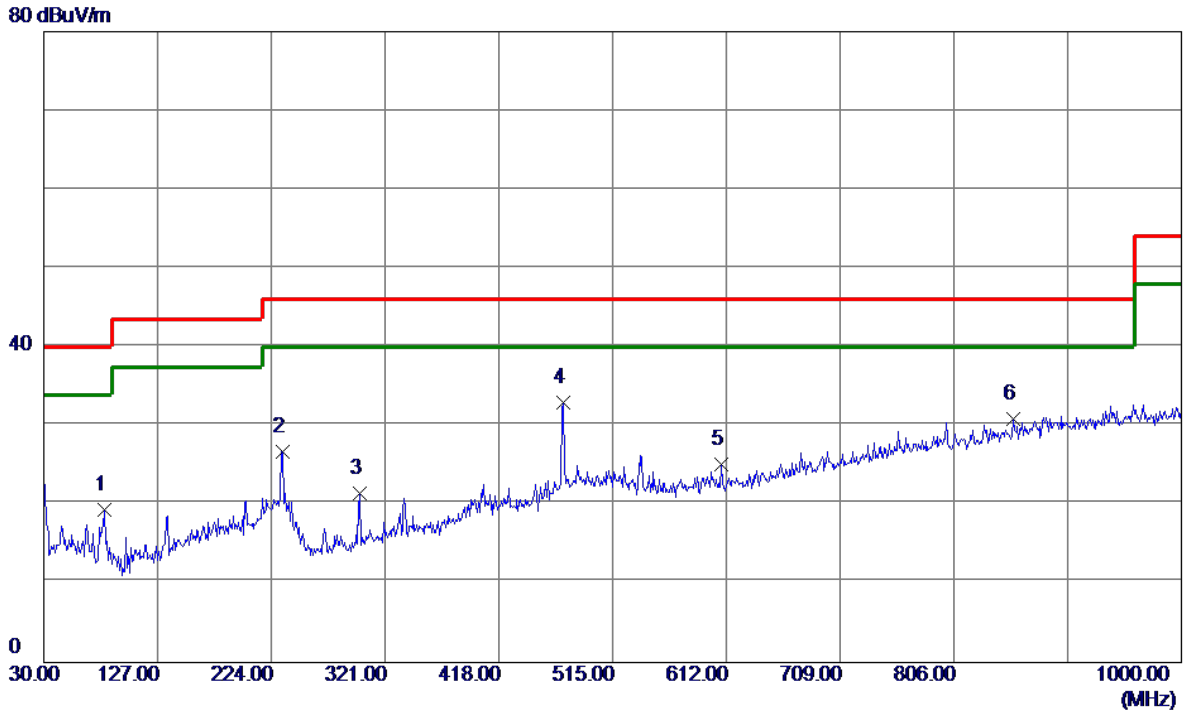
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	233.7000	45.01	-14.22	30.79	46.00	-15.21	Peak	
2	299.6600	42.88	-12.88	30.00	46.00	-16.00	Peak	
3	331.6700	42.27	-12.28	29.99	46.00	-16.01	Peak	
4 *	473.2900	42.28	-9.37	32.91	46.00	-13.09	Peak	
5	688.6300	30.22	-4.29	25.93	46.00	-20.07	Peak	
6	877.7800	31.08	0.57	31.65	46.00	-14.35	Peak	

Test Mode:	UNII-2A/TX A Mode 5260MHz

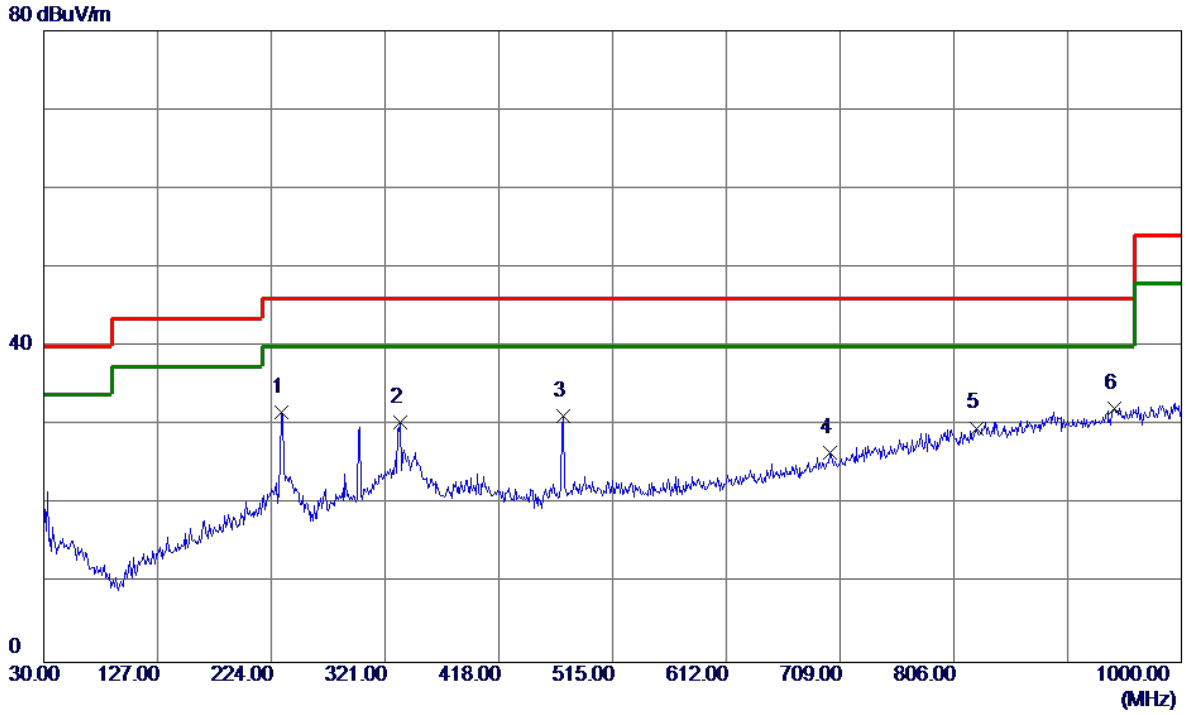
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	81.4100	37.57	-18.28	19.29	40.00	-20.71	Peak	
2	233.7000	40.96	-14.22	26.74	46.00	-19.26	Peak	
3	299.6600	34.25	-12.88	21.37	46.00	-24.63	Peak	
4 *	473.2900	42.28	-9.37	32.91	46.00	-13.09	Peak	
5	608.1200	31.44	-6.27	25.17	46.00	-20.83	Peak	
6	856.4400	30.73	0.13	30.86	46.00	-15.14	Peak	

Test Mode:	UNII-2A/TX A Mode 5260MHz

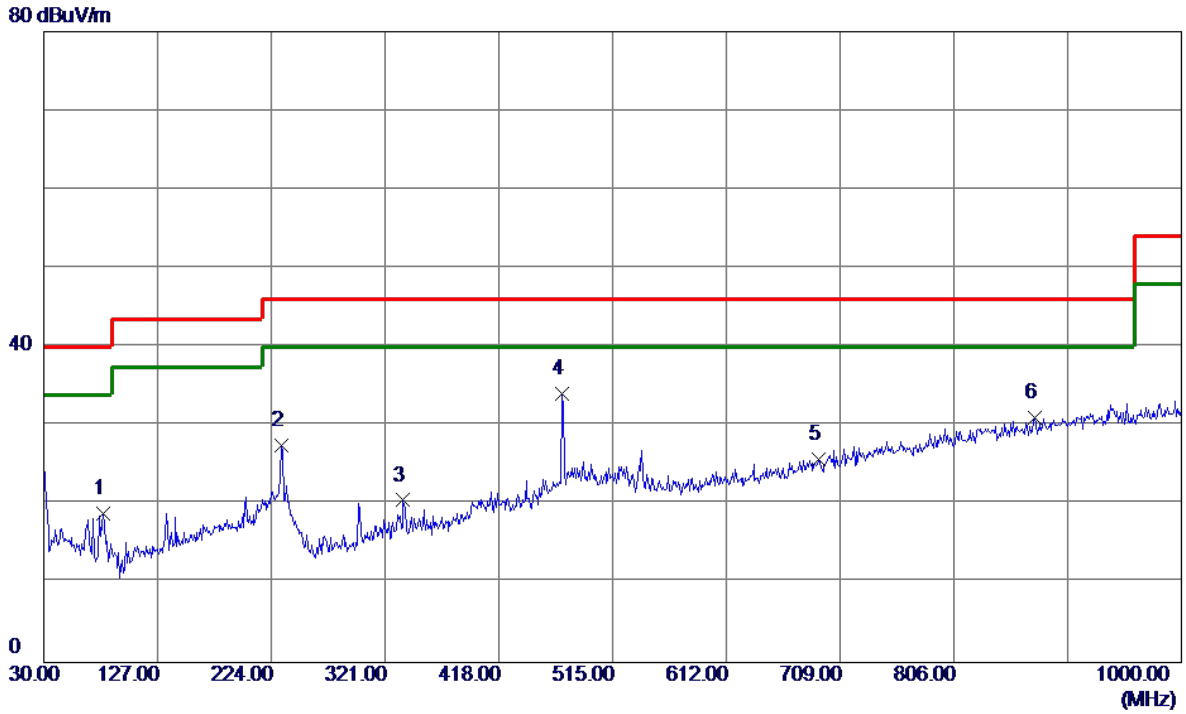
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	45.92	-14.19	31.73	46.00	-14.27	Peak	
2	333.6099	42.60	-12.24	30.36	46.00	-15.64	Peak	
3	473.2900	40.55	-9.37	31.18	46.00	-14.82	Peak	
4	700.2700	30.52	-3.93	26.59	46.00	-19.41	Peak	
5	825.4000	30.35	-0.67	29.68	46.00	-16.32	Peak	
6 *	942.7700	30.37	1.86	32.23	46.00	-13.77	Peak	

Test Mode:	UNII-2A/TX A Mode 5300MHz

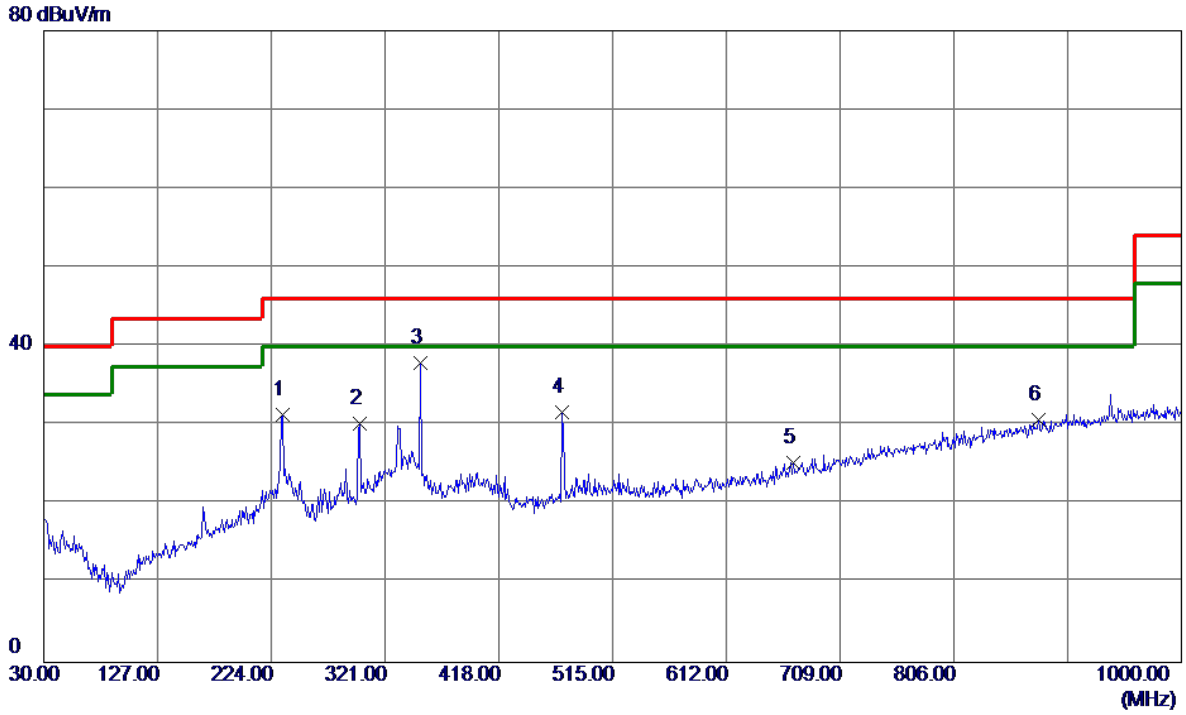
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	37.14	-18.25	18.89	40.00	-21.11	Peak	
2	232.7300	41.67	-14.19	27.48	46.00	-18.52	Peak	
3	336.5200	32.75	-12.19	20.56	46.00	-25.44	Peak	
4 *	471.3500	43.47	-9.42	34.05	46.00	-11.95	Peak	
5	690.5700	29.92	-4.23	25.69	46.00	-20.31	Peak	
6	874.8700	30.57	0.51	31.08	46.00	-14.92	Peak	

Test Mode:	UNII-2A/TX A Mode 5300MHz

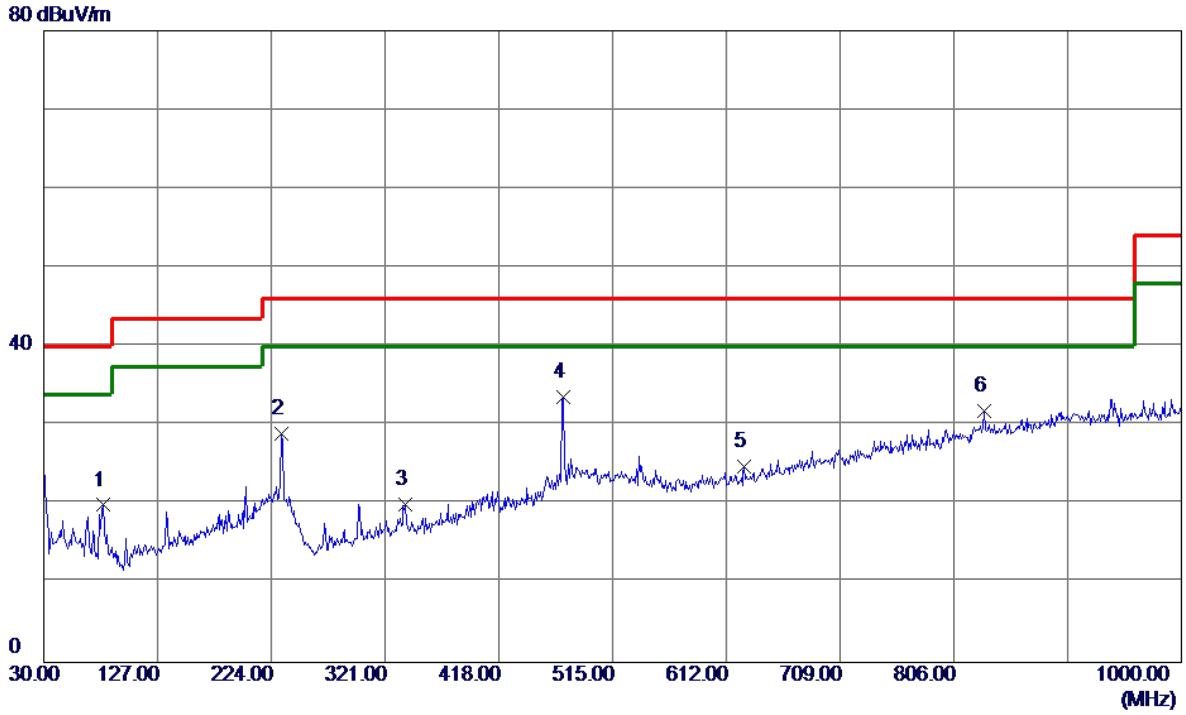
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	233.7000	45.58	-14.22	31.36	46.00	-14.64	Peak	
2	299.6600	43.11	-12.88	30.23	46.00	-15.77	Peak	
3 *	351.0700	49.89	-11.94	37.95	46.00	-8.05	Peak	
4	471.3500	41.05	-9.42	31.63	46.00	-14.37	Peak	
5	669.2300	30.17	-4.88	25.29	46.00	-20.71	Peak	
6	877.7800	30.14	0.57	30.71	46.00	-15.29	Peak	

Test Mode:	UNII-2A/TX A Mode 5320MHz

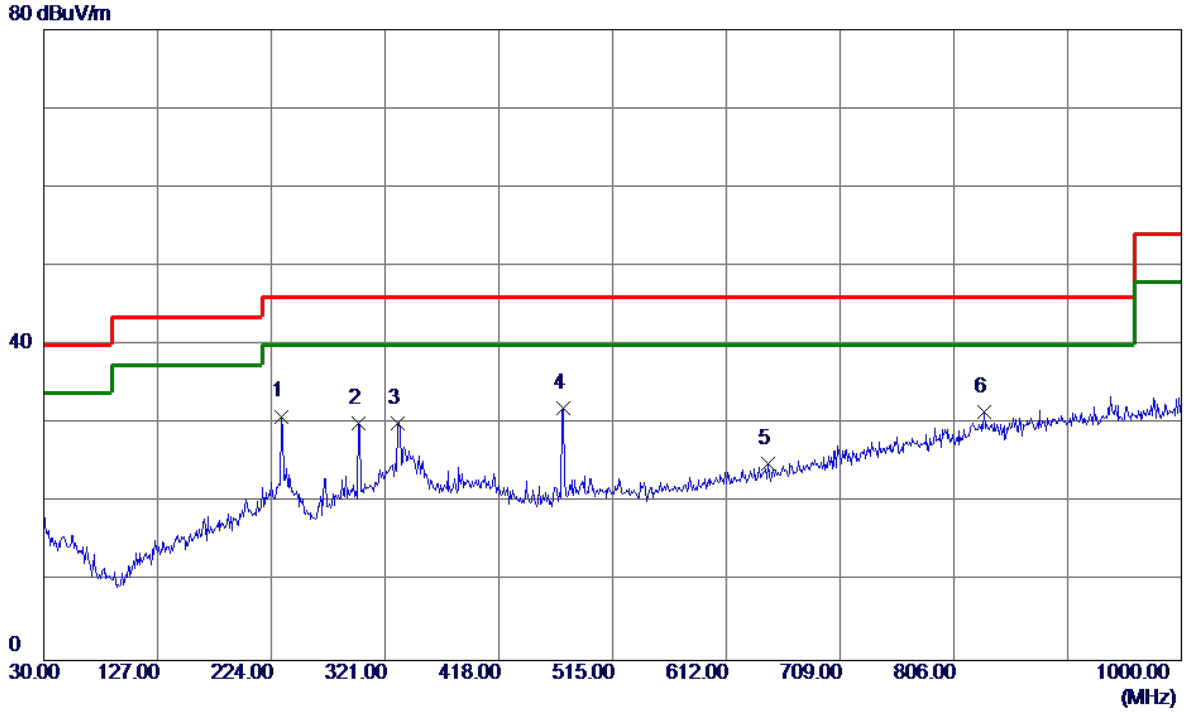
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	38.17	-18.25	19.92	40.00	-20.08	Peak	
2	232.7300	43.12	-14.19	28.93	46.00	-17.07	Peak	
3	338.4600	32.23	-12.16	20.07	46.00	-25.93	Peak	
4 *	473.2900	43.00	-9.37	33.63	46.00	-12.37	Peak	
5	627.5200	30.76	-5.90	24.86	46.00	-21.14	Peak	
6	832.1900	32.32	-0.48	31.84	46.00	-14.16	Peak	

Test Mode:	UNII-2A/TX A Mode 5320MHz

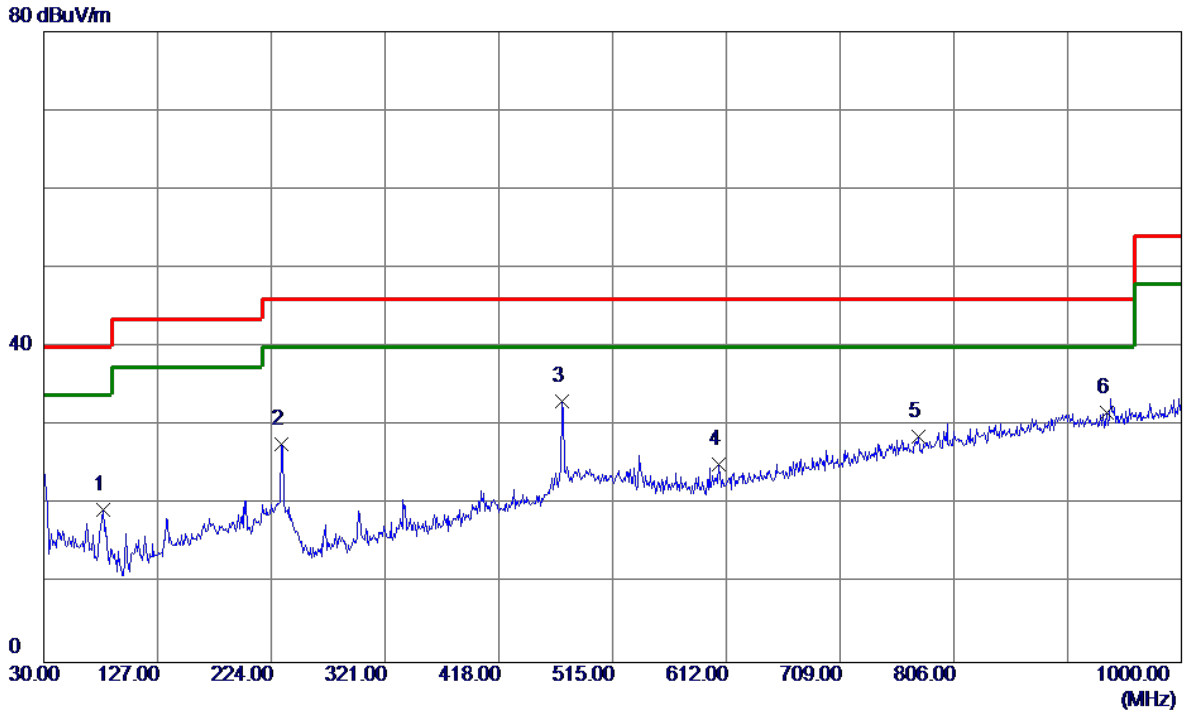
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	45.15	-14.19	30.96	46.00	-15.04	Peak	
2	298.6900	43.15	-13.01	30.14	46.00	-15.86	Peak	
3	331.6700	42.34	-12.28	30.06	46.00	-15.94	Peak	
4 *	473.2900	41.30	-9.37	31.93	46.00	-14.07	Peak	
5	647.8900	30.42	-5.51	24.91	46.00	-21.09	Peak	
6	832.1900	32.01	-0.48	31.53	46.00	-14.47	Peak	

Test Mode:	UNII-2C/TX A Mode 5500MHz

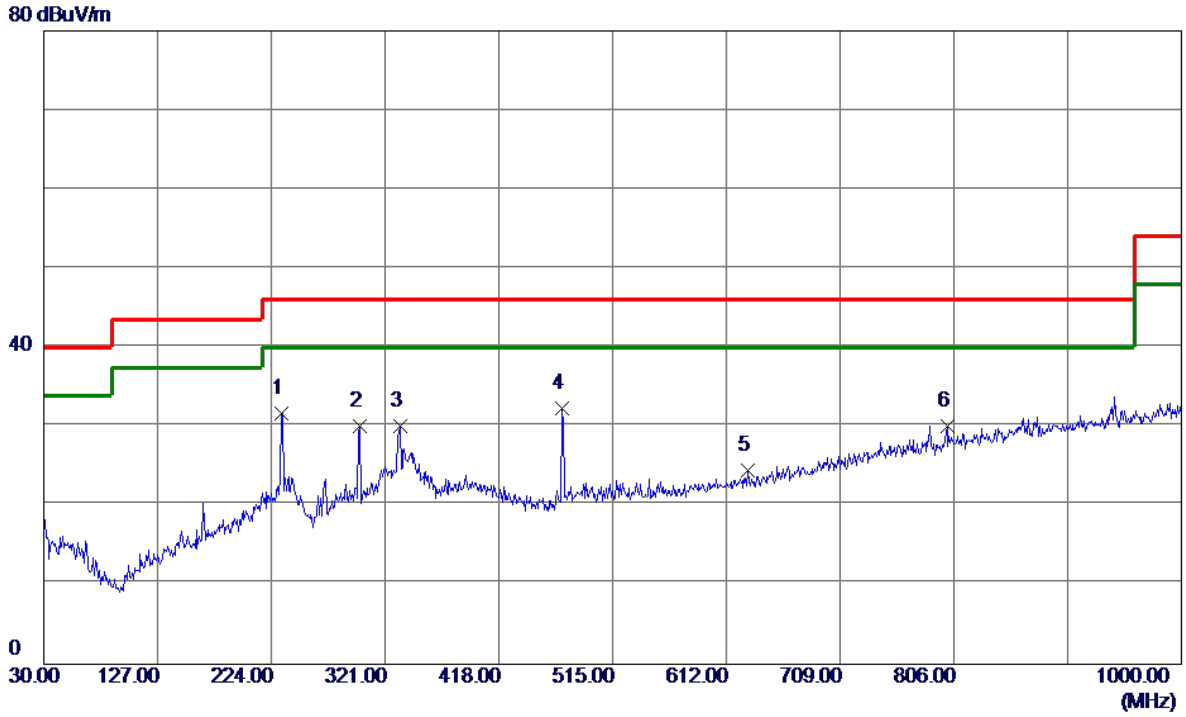
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	37.68	-18.25	19.43	40.00	-20.57	Peak	
2	232.7300	41.89	-14.19	27.70	46.00	-18.30	Peak	
3 *	471.3500	42.48	-9.42	33.06	46.00	-12.94	Peak	
4	605.2100	31.49	-6.32	25.17	46.00	-20.83	Peak	
5	775.9300	30.52	-1.88	28.64	46.00	-17.36	Peak	
6	935.9800	29.97	1.72	31.69	46.00	-14.31	Peak	

Test Mode:	UNII-2C/TX A Mode 5500MHz

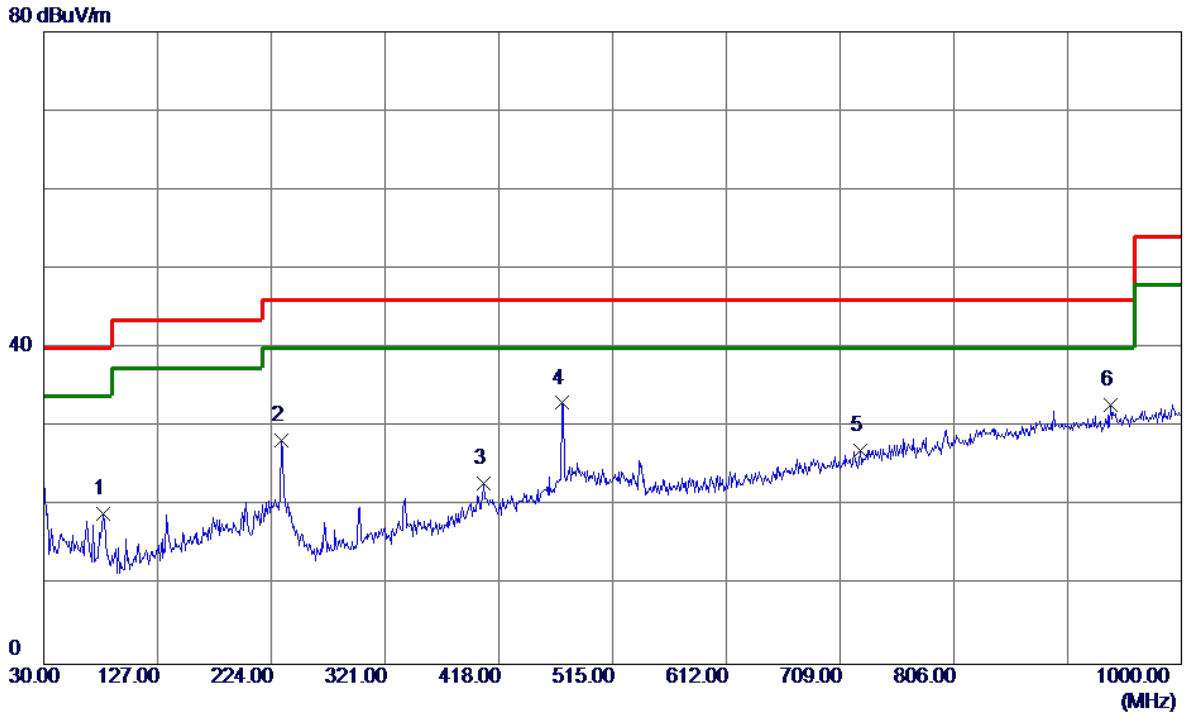
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	45.82	-14.19	31.63	46.00	-14.37	Peak	
2	299.6600	42.92	-12.88	30.04	46.00	-15.96	Peak	
3	333.6099	42.38	-12.24	30.14	46.00	-15.86	Peak	
4 *	471.3500	41.73	-9.42	32.31	46.00	-13.69	Peak	
5	630.4300	30.35	-5.84	24.51	46.00	-21.49	Peak	
6	800.1800	31.51	-1.36	30.15	46.00	-15.85	Peak	

Test Mode:	UNII-2C/TX A Mode 5580MHz

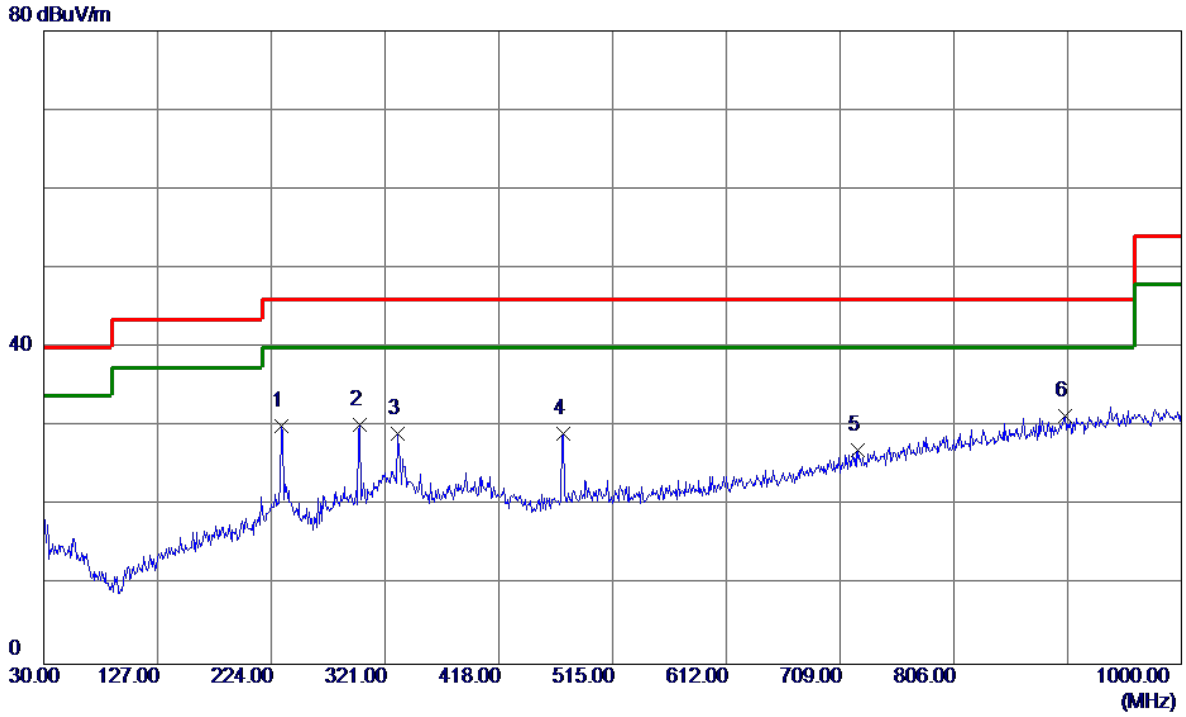
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	37.22	-18.25	18.97	40.00	-21.03	Peak	
2	232.7300	42.58	-14.19	28.39	46.00	-17.61	Peak	
3	405.3900	34.05	-11.21	22.84	46.00	-23.16	Peak	
4 *	471.3500	42.46	-9.42	33.04	46.00	-12.96	Peak	
5	726.4600	30.21	-3.15	27.06	46.00	-18.94	Peak	
6	939.8600	31.05	1.80	32.85	46.00	-13.15	Peak	

Test Mode:	UNII-2C/TX A Mode 5580MHz

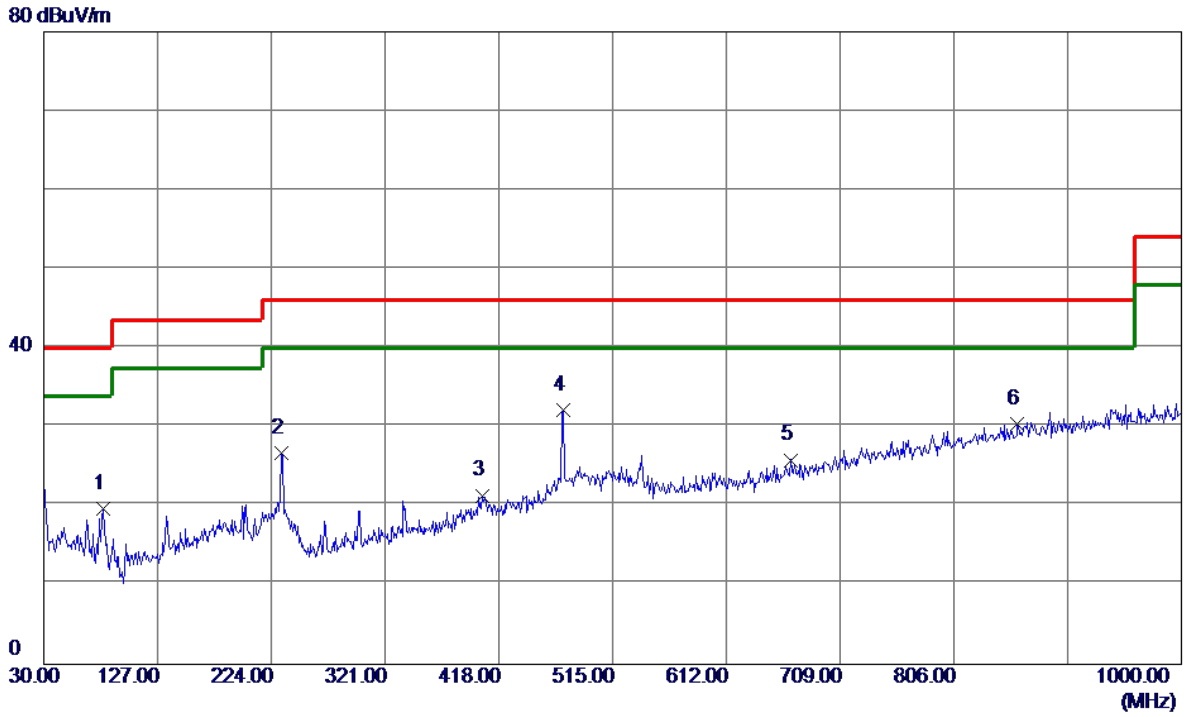
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	44.22	-14.19	30.03	46.00	-15.97	Peak	
2	299.6600	43.10	-12.88	30.22	46.00	-15.78	Peak	
3	331.6700	41.43	-12.28	29.15	46.00	-16.85	Peak	
4	473.2900	38.53	-9.37	29.16	46.00	-16.84	Peak	
5	724.5200	30.27	-3.21	27.06	46.00	-18.94	Peak	
6 *	901.0600	30.37	1.05	31.42	46.00	-14.58	Peak	

Test Mode:	UNII-2C/TX A Mode 5700MHz

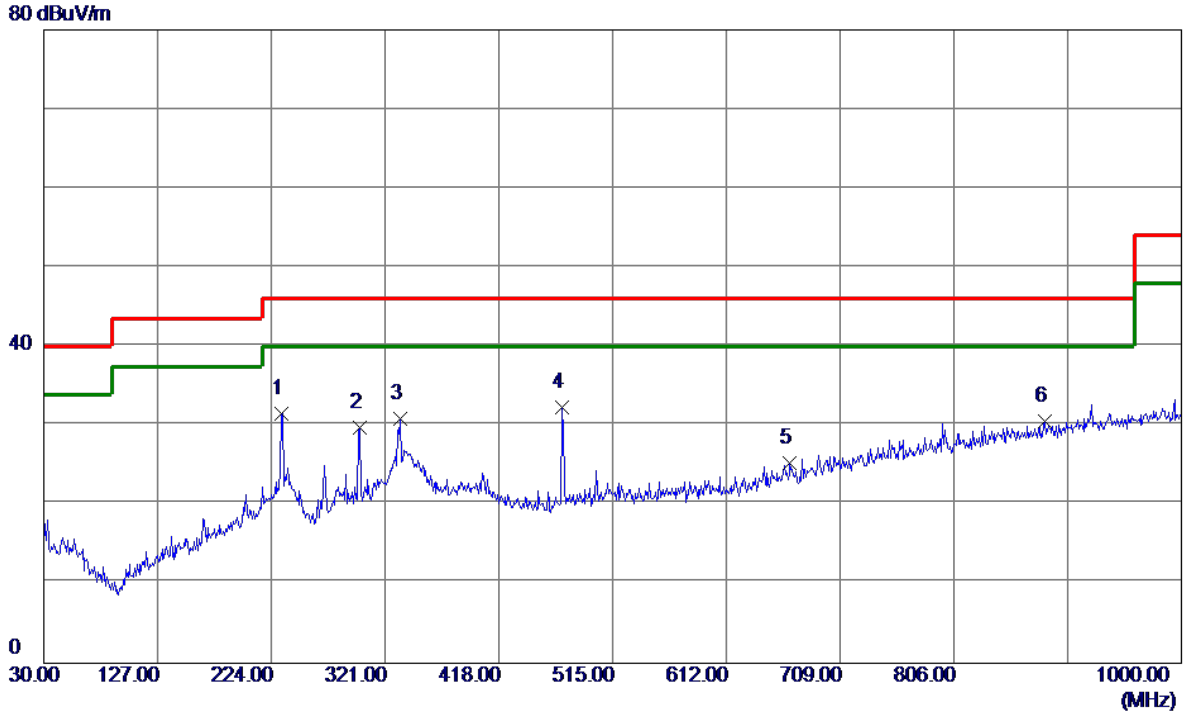
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	37.95	-18.25	19.70	40.00	-20.30	Peak	
2	232.7300	40.96	-14.19	26.77	46.00	-19.23	Peak	
3	404.4200	32.59	-11.23	21.36	46.00	-24.64	Peak	
4 *	473.2900	41.53	-9.37	32.16	46.00	-13.84	Peak	
5	667.2900	30.78	-4.94	25.84	46.00	-20.16	Peak	
6	860.3200	30.26	0.21	30.47	46.00	-15.53	Peak	

Test Mode:	UNII-2C/TX A Mode 5700MHz

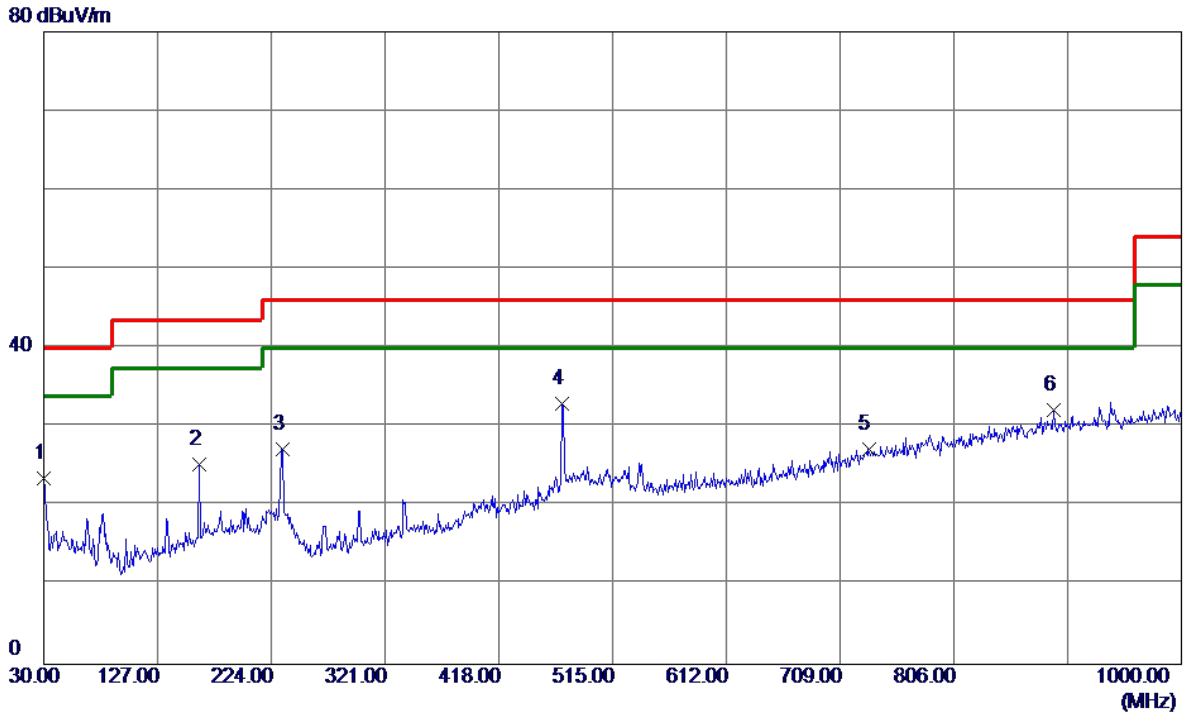
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	45.78	-14.19	31.59	46.00	-14.41	Peak	
2	299.6600	42.60	-12.88	29.72	46.00	-16.28	Peak	
3	333.6099	43.05	-12.24	30.81	46.00	-15.19	Peak	
4 *	471.3500	41.74	-9.42	32.32	46.00	-13.68	Peak	
5	666.3200	30.27	-4.97	25.30	46.00	-20.70	Peak	
6	883.6000	29.84	0.69	30.53	46.00	-15.47	Peak	

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

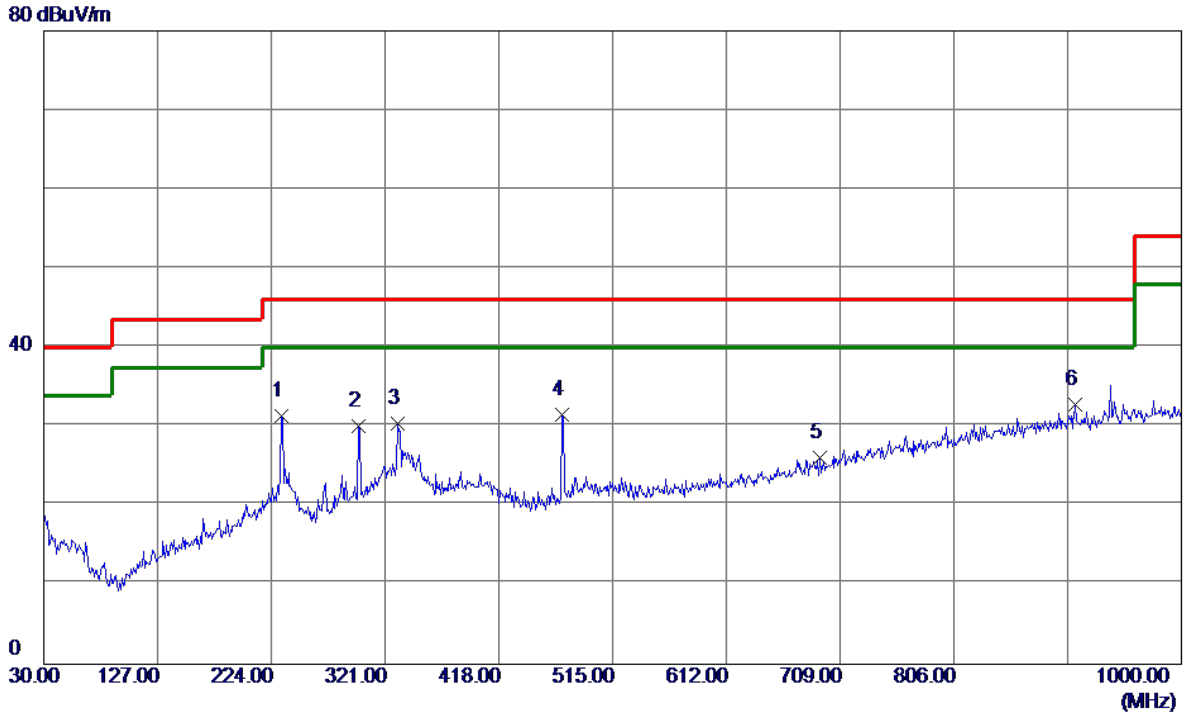
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.0000	38.77	-15.25	23.52	40.00	-16.48	Peak	
2	162.8900	38.10	-12.76	25.34	43.50	-18.16	Peak	
3	233.7000	41.41	-14.22	27.19	46.00	-18.81	Peak	
4 *	471.3500	42.43	-9.42	33.01	46.00	-12.99	Peak	
5	733.2500	30.19	-2.95	27.24	46.00	-18.76	Peak	
6	891.3600	31.34	0.85	32.19	46.00	-13.81	Peak	

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

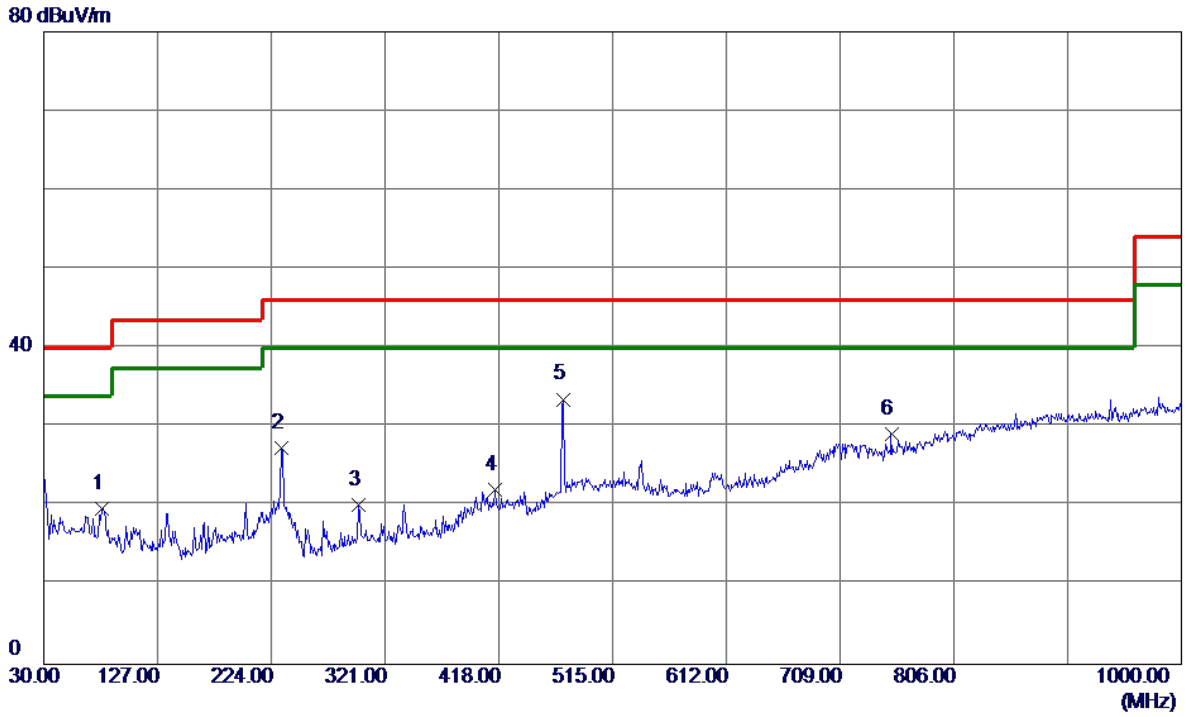
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	232.7300	45.49	-14.19	31.30	46.00	-14.70	Peak	
2	298.6900	43.11	-13.01	30.10	46.00	-15.90	Peak	
3	331.6700	42.68	-12.28	30.40	46.00	-15.60	Peak	
4	471.3500	41.00	-9.42	31.58	46.00	-14.42	Peak	
5	691.5400	30.25	-4.20	26.05	46.00	-19.95	Peak	
6 *	909.7900	31.57	1.22	32.79	46.00	-13.21	Peak	

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

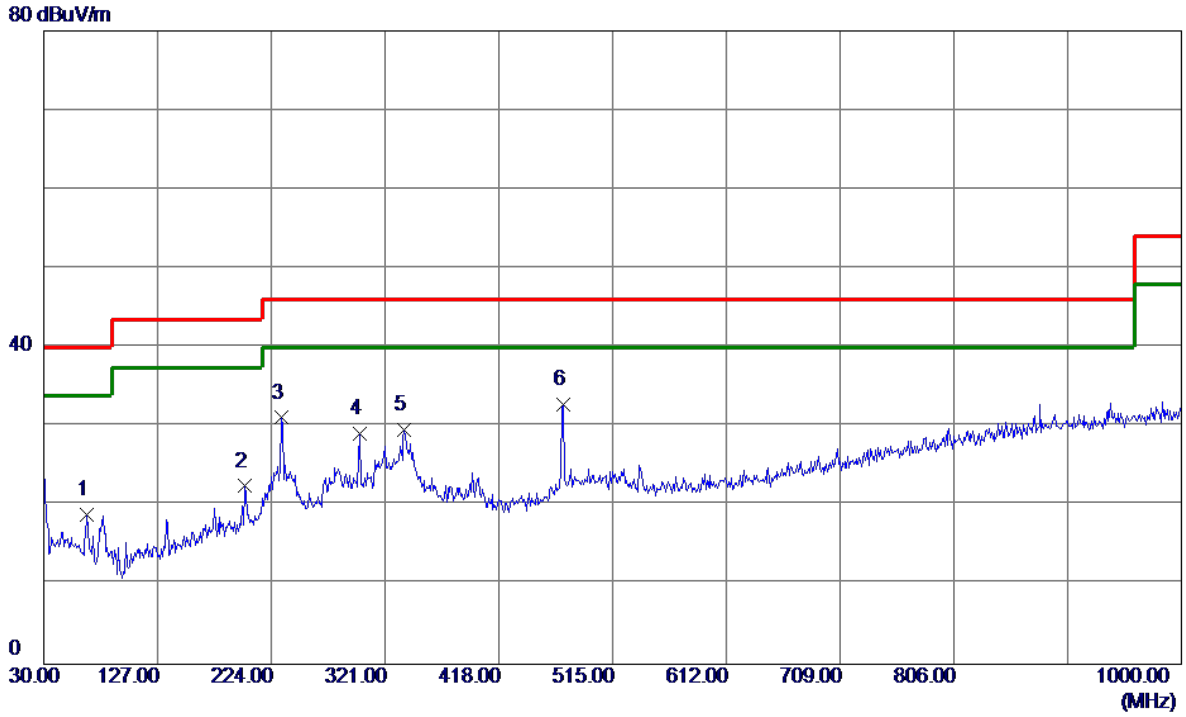
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	79.4700	37.75	-18.12	19.63	40.00	-20.37	Peak	
2	232.7300	41.50	-14.19	27.31	46.00	-18.69	Peak	
3	298.6900	33.24	-13.01	20.23	46.00	-25.77	Peak	
4	415.0900	33.02	-10.93	22.09	46.00	-23.91	Peak	
5 *	473.2900	42.89	-9.37	33.52	46.00	-12.48	Peak	
6	752.6500	31.45	-2.39	29.06	46.00	-16.94	Peak	

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

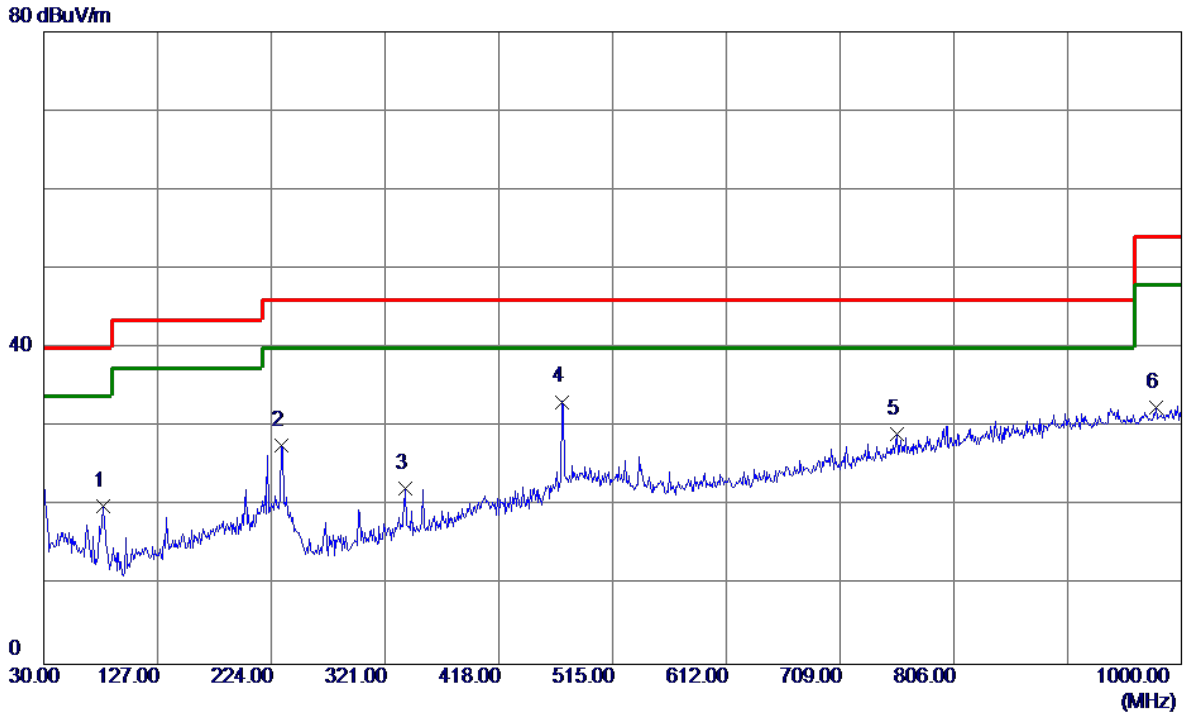
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	34.56	-15.67	18.89	40.00	-21.11	Peak	
2	201.6900	36.27	-13.79	22.48	43.50	-21.02	Peak	
3	232.7300	45.31	-14.19	31.12	46.00	-14.88	Peak	
4	299.6600	41.95	-12.88	29.07	46.00	-16.93	Peak	
5	337.4900	41.79	-12.17	29.62	46.00	-16.38	Peak	
6 *	473.2900	42.22	-9.37	32.85	46.00	-13.15	Peak	

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

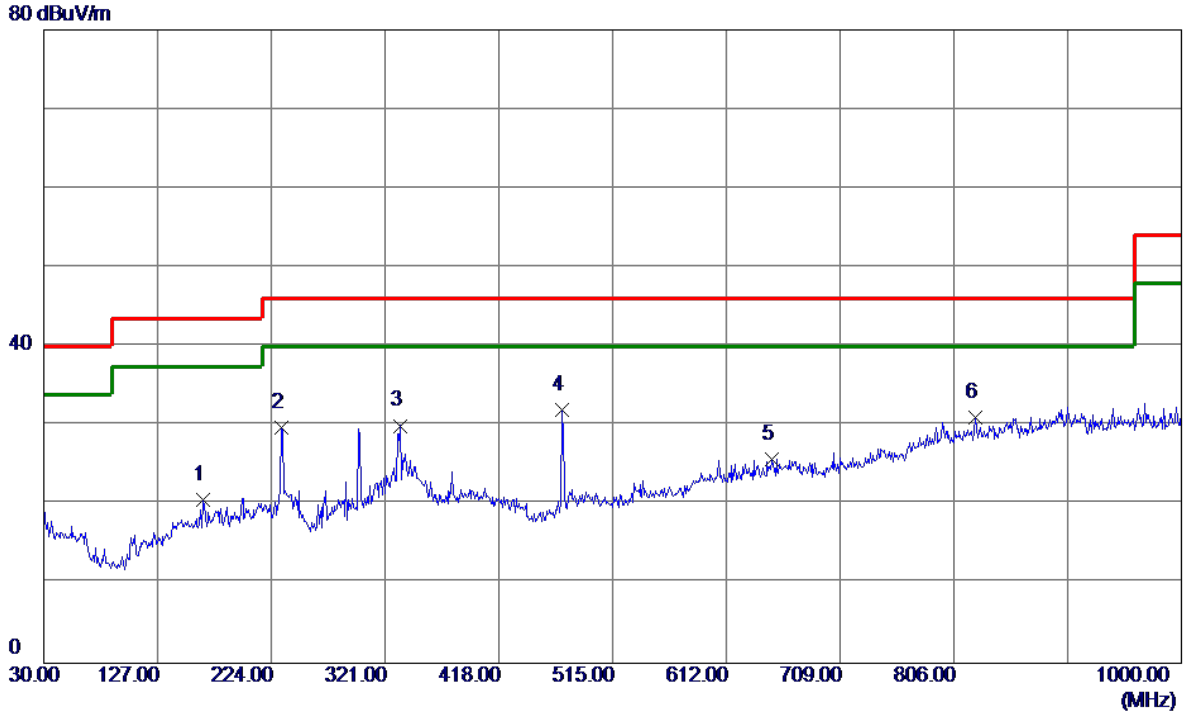
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	80.4400	38.32	-18.25	20.07	40.00	-19.93	Peak	
2	232.7300	41.83	-14.19	27.64	46.00	-18.36	Peak	
3	338.4600	34.34	-12.16	22.18	46.00	-23.82	Peak	
4 *	471.3500	42.62	-9.42	33.20	46.00	-12.80	Peak	
5	757.5000	31.45	-2.28	29.17	46.00	-16.83	Peak	
6	978.6600	29.95	2.55	32.50	54.00	-21.50	Peak	

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

Horizontal

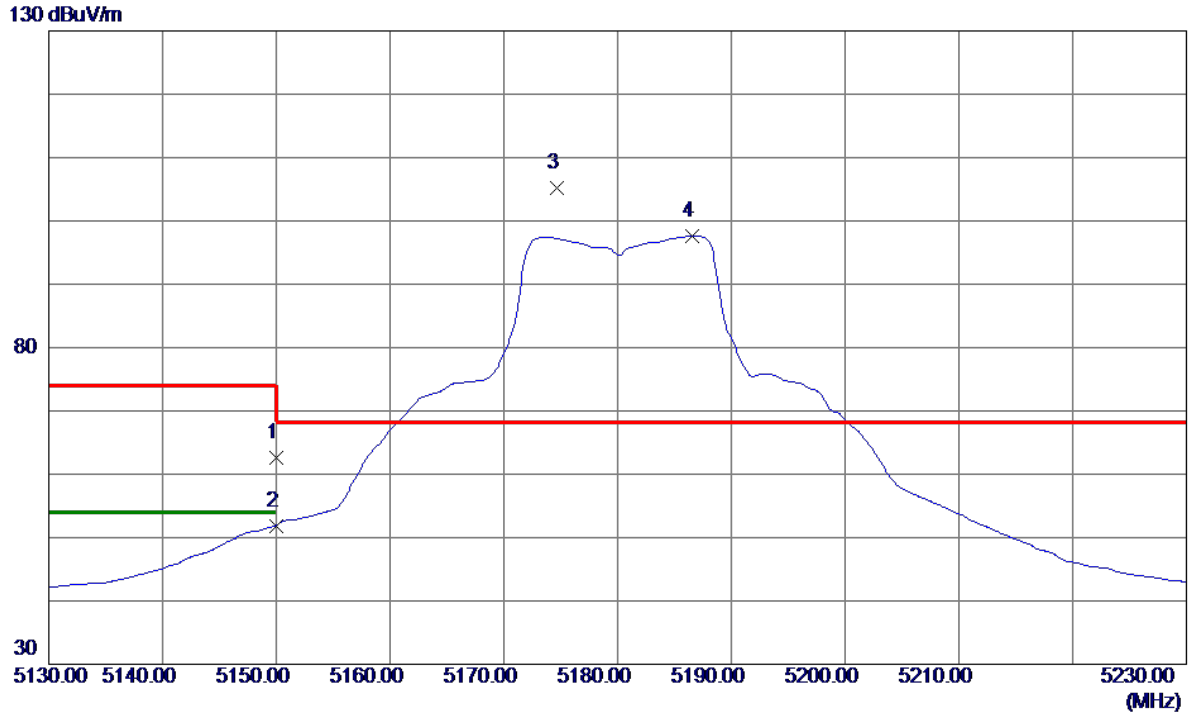


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	165.8000	33.23	-12.58	20.65	43.50	-22.85	Peak	
2	232.7300	43.99	-14.19	29.80	46.00	-16.20	Peak	
3	333.6099	42.24	-12.24	30.00	46.00	-16.00	Peak	
4 *	471.3500	41.36	-9.42	31.94	46.00	-14.06	Peak	
5	650.8000	31.25	-5.45	25.80	46.00	-20.20	Peak	
6	824.4300	31.74	-0.70	31.04	46.00	-14.96	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

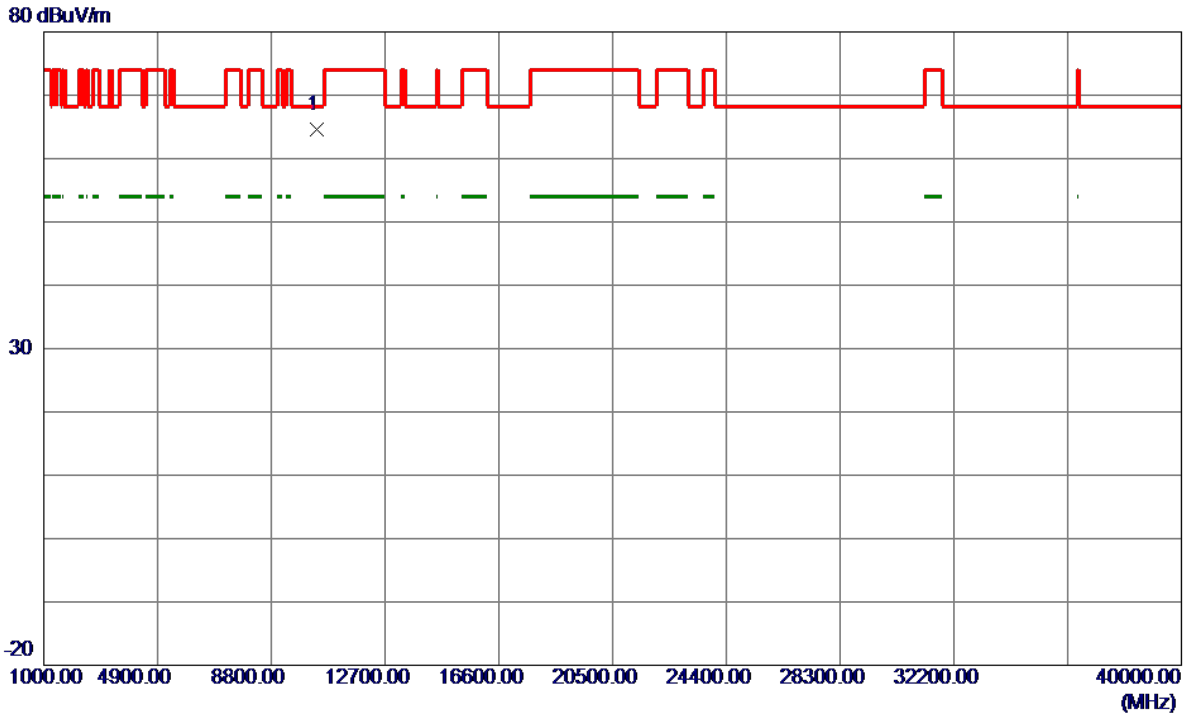
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.45	41.10	62.55	74.00	-11.45	Peak	
2	5150.0000	10.68	41.10	51.78	54.00	-2.22	AVG	
3 *	5174.7000	63.99	41.23	105.22	68.30	36.92	Peak	No Limit
4	5186.6000	56.35	41.29	97.64	999.00	-901.36	AVG	No Limit

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

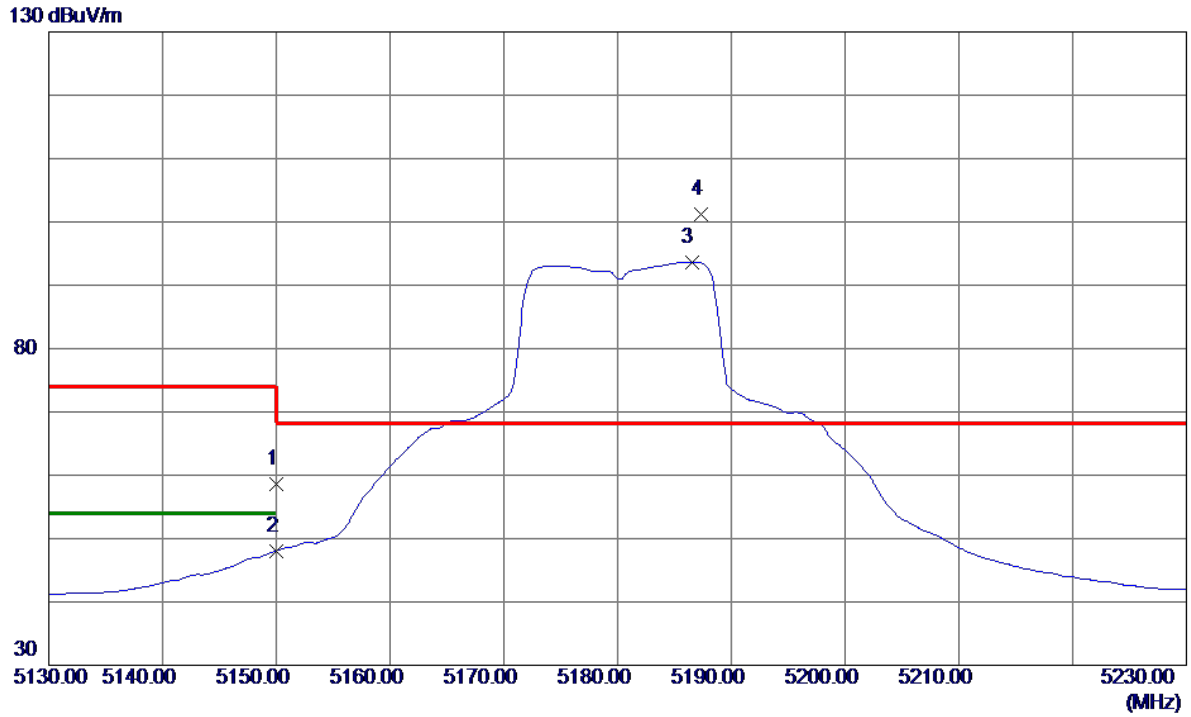
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10361.9500	48.25	16.34	64.59	68.30	-3.71	Peak	

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

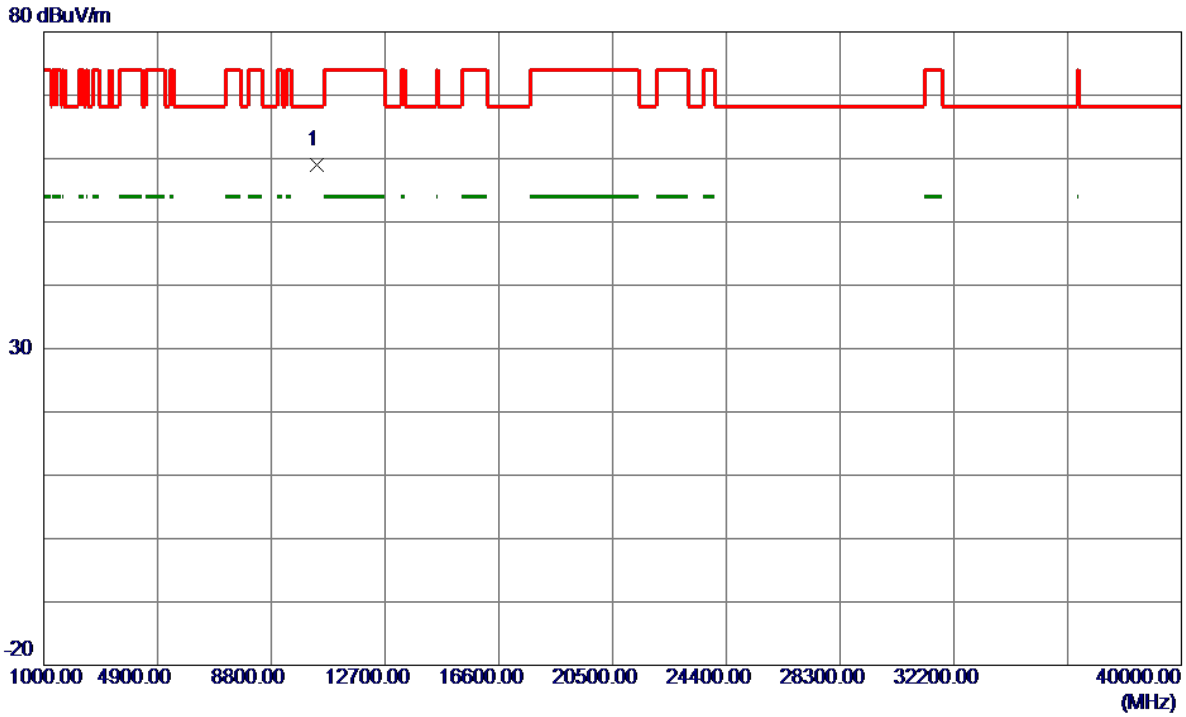
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.43	41.10	58.53	74.00	-15.47	Peak	
2	5150.0000	6.84	41.10	47.94	54.00	-6.06	AVG	
3	5186.5000	52.40	41.29	93.69	999.00	-905.31	AVG	No Limit
4 *	5187.3000	59.87	41.29	101.16	68.30	32.86	Peak	No Limit

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

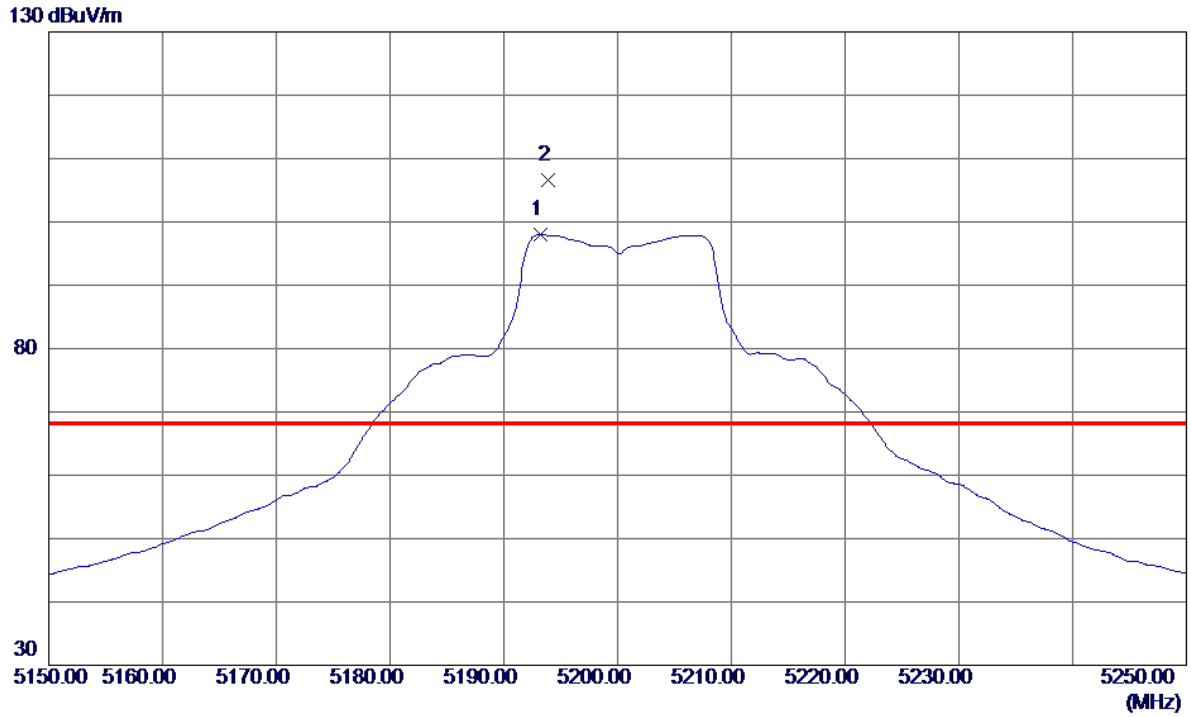
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10362.6500	42.64	16.34	58.98	68.30	-9.32	Peak	

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

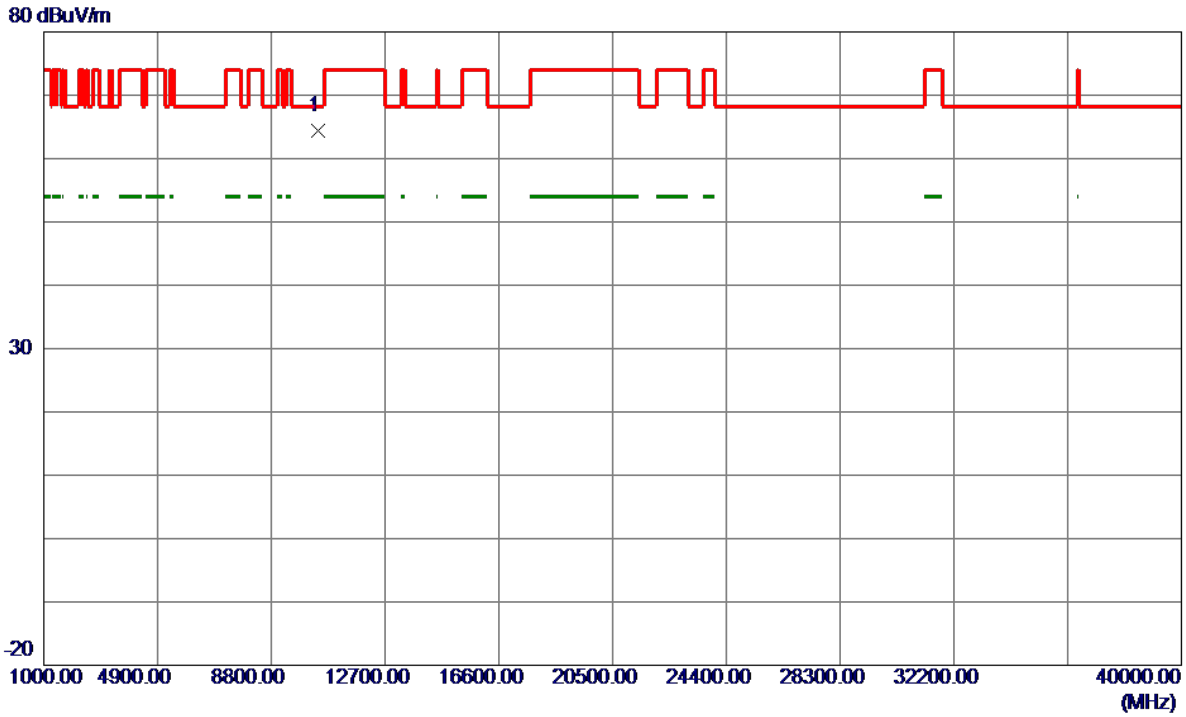
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5193.2000	56.67	41.32	97.99	999.00	-901.01	AVG	No Limit
2 *	5193.9000	65.19	41.32	106.51	68.30	38.21	Peak	No Limit

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

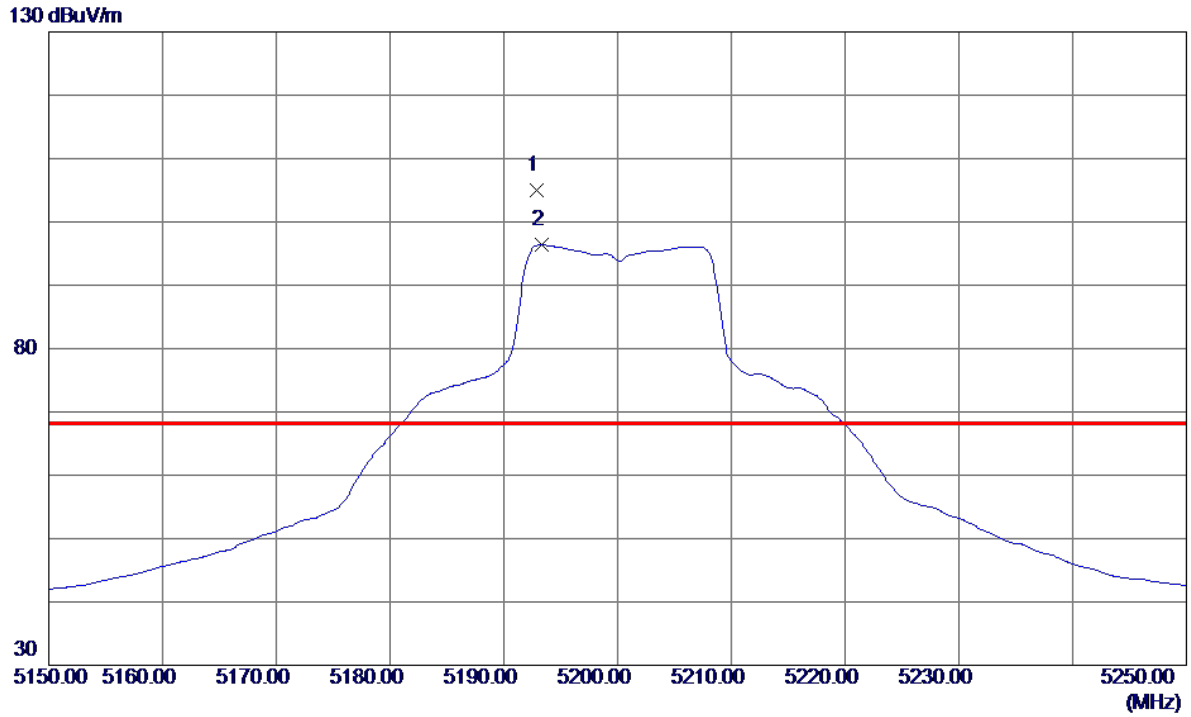
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401.0500	48.05	16.44	64.49	68.30	-3.81	Peak	

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

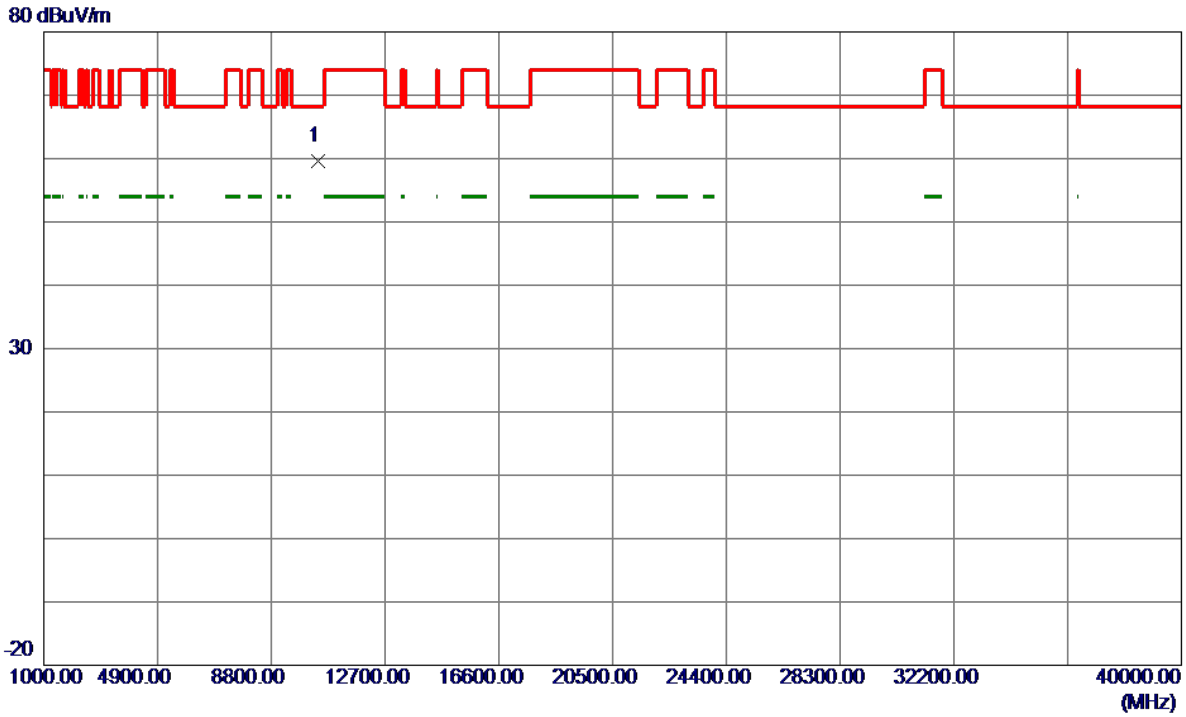
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.9000	63.76	41.32	105.08	68.30	36.78	Peak	No Limit
2	5193.3000	55.08	41.32	96.40	999.00	-902.60	AVG	No Limit

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

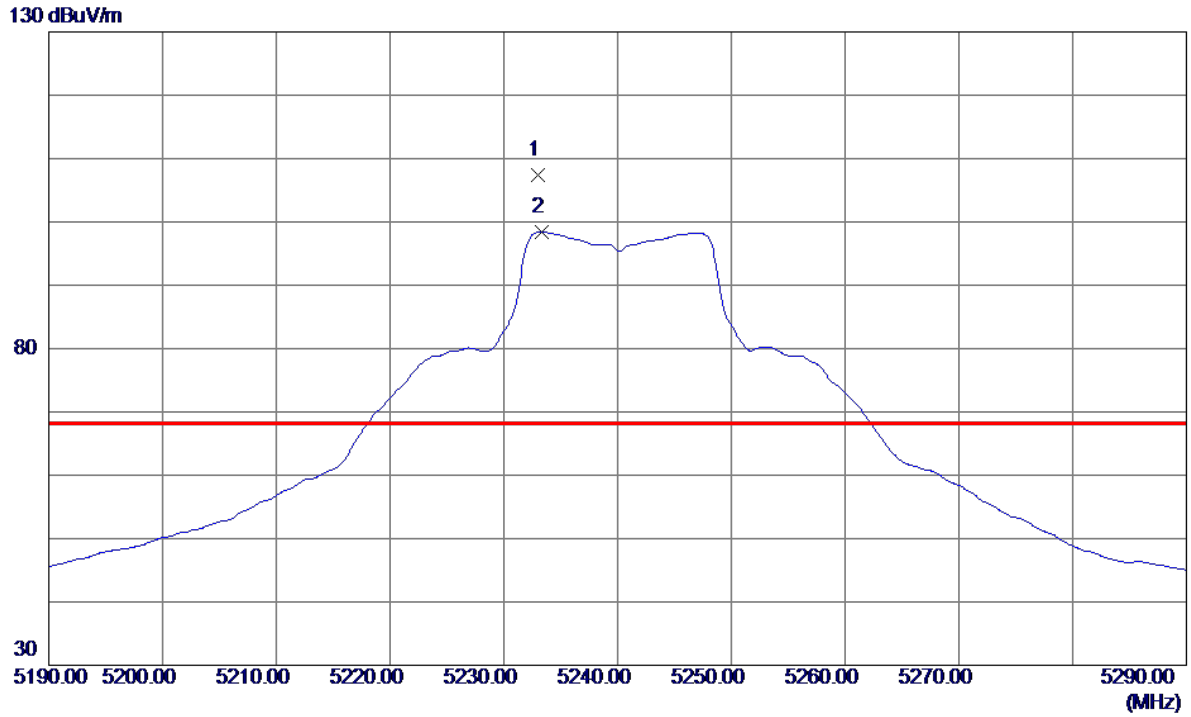
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.8500	43.10	16.44	59.54	68.30	-8.76	Peak	

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

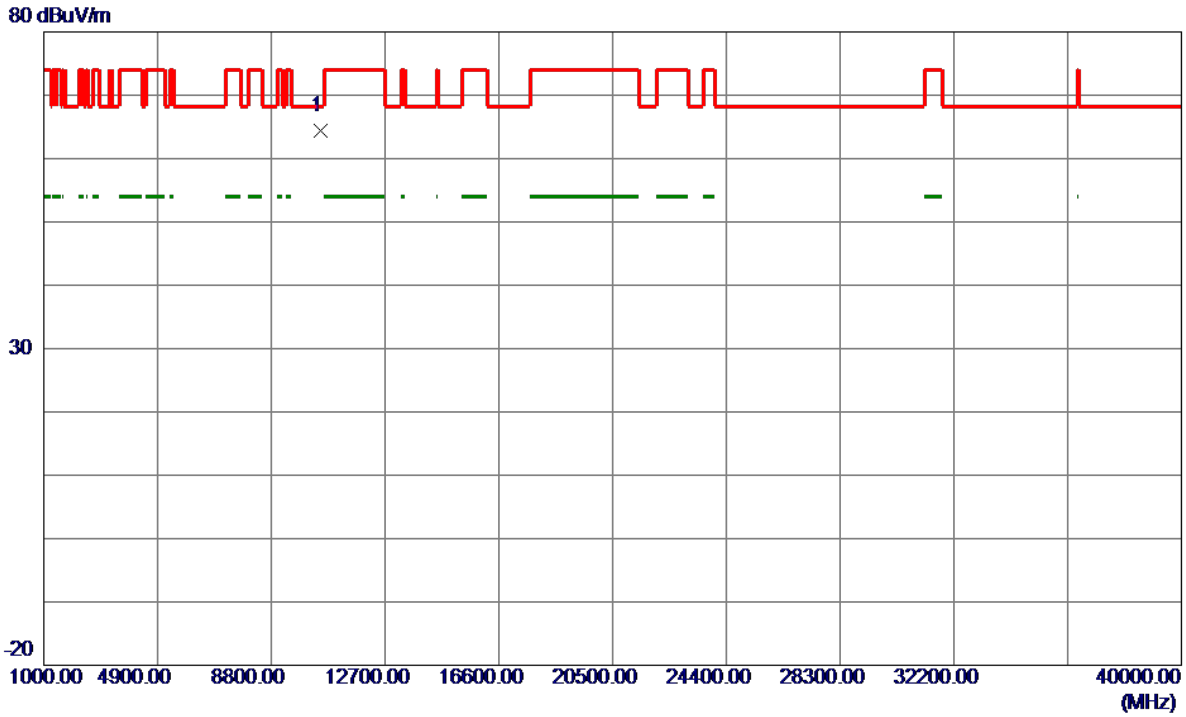
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233.0000	65.94	41.52	107.46	68.30	39.16	Peak	No Limit
2	5233.3000	56.90	41.53	98.43	999.00	-900.57	AVG	No Limit

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

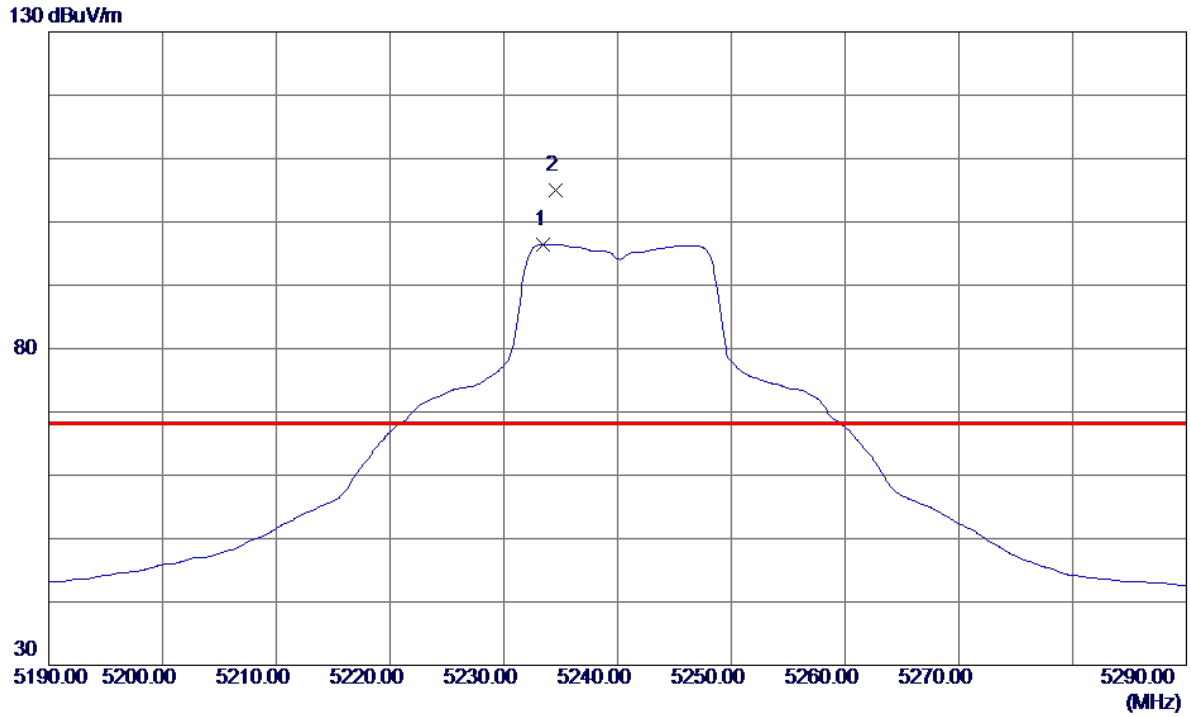
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.7500	47.68	16.65	64.33	68.30	-3.97	Peak	

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

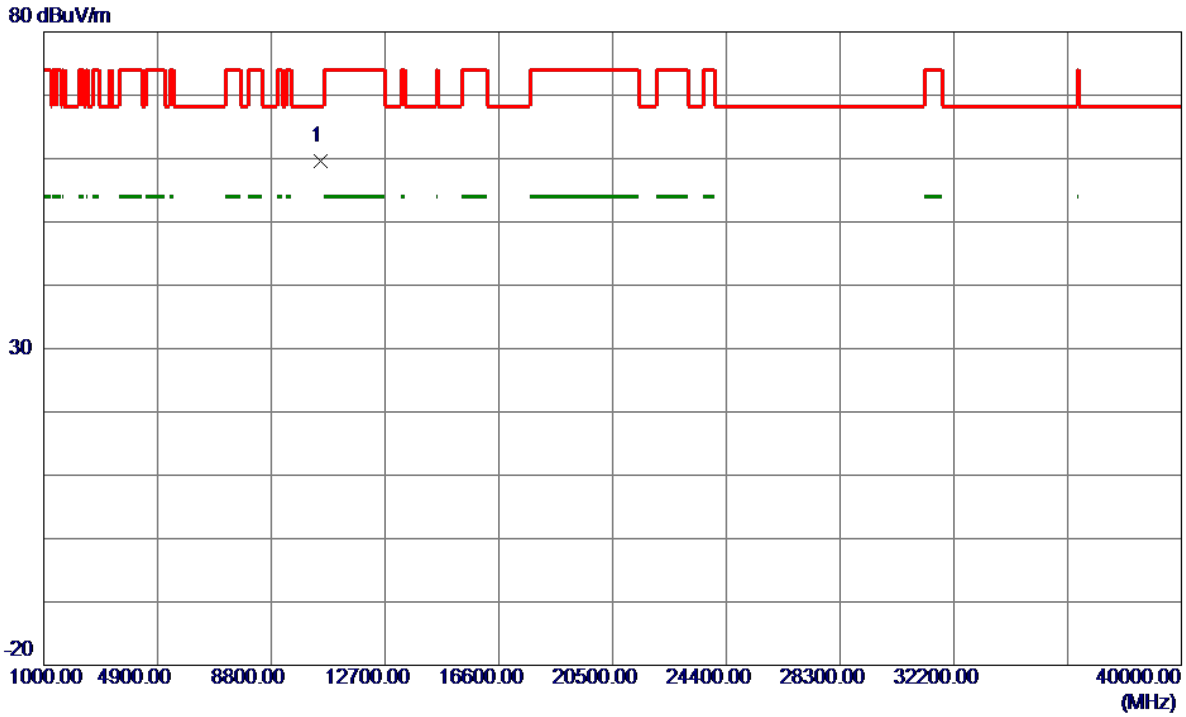
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.5000	54.91	41.53	96.44	999.00	-902.56	AVG	No Limit
2 *	5234.6000	63.38	41.53	104.91	68.30	36.61	Peak	No Limit

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

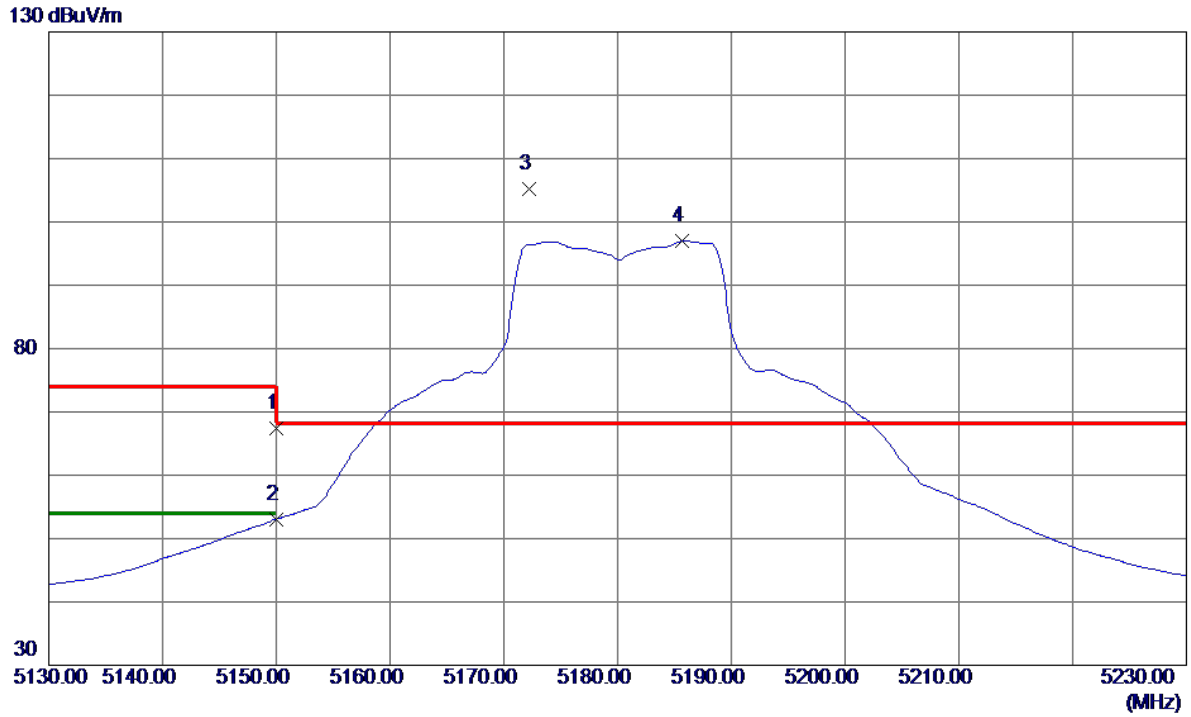
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10481.0500	42.94	16.65	59.59	68.30	-8.71	Peak	

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

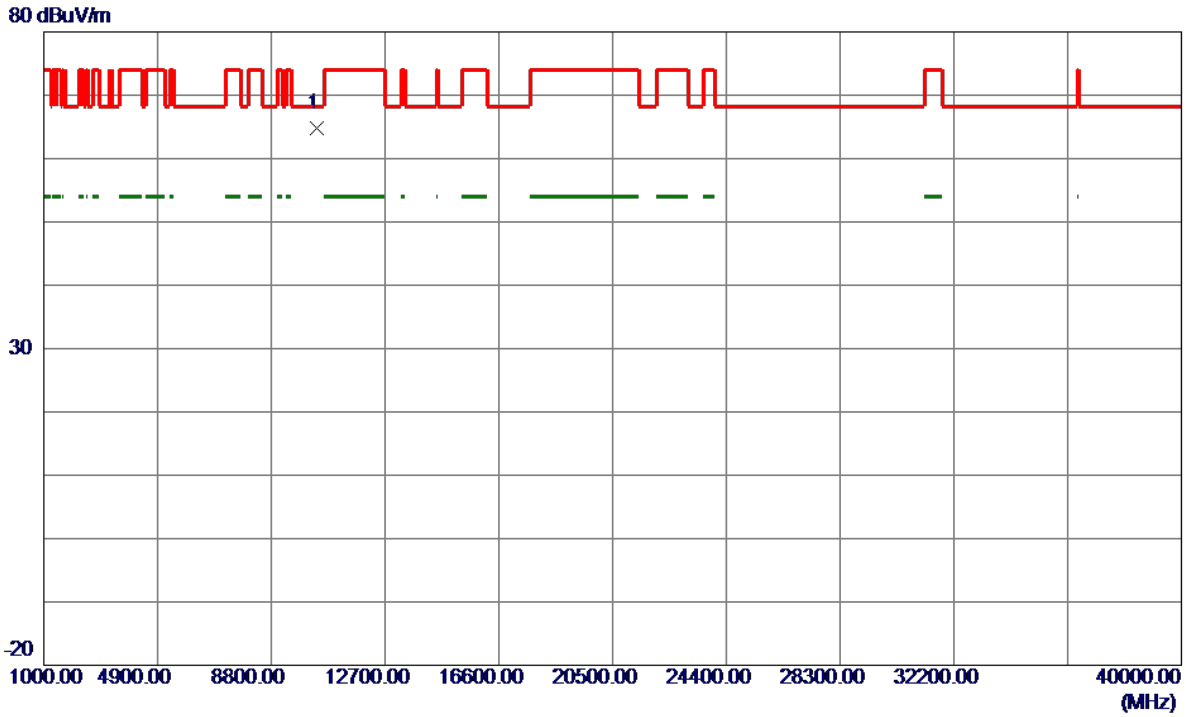
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.31	41.10	67.41	74.00	-6.59	Peak	
2	5150.0000	11.87	41.10	52.97	54.00	-1.03	AVG	
3 *	5172.2000	63.91	41.21	105.12	68.30	36.82	Peak	No Limit
4	5185.7000	55.72	41.28	97.00	999.00	-902.00	AVG	No Limit

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

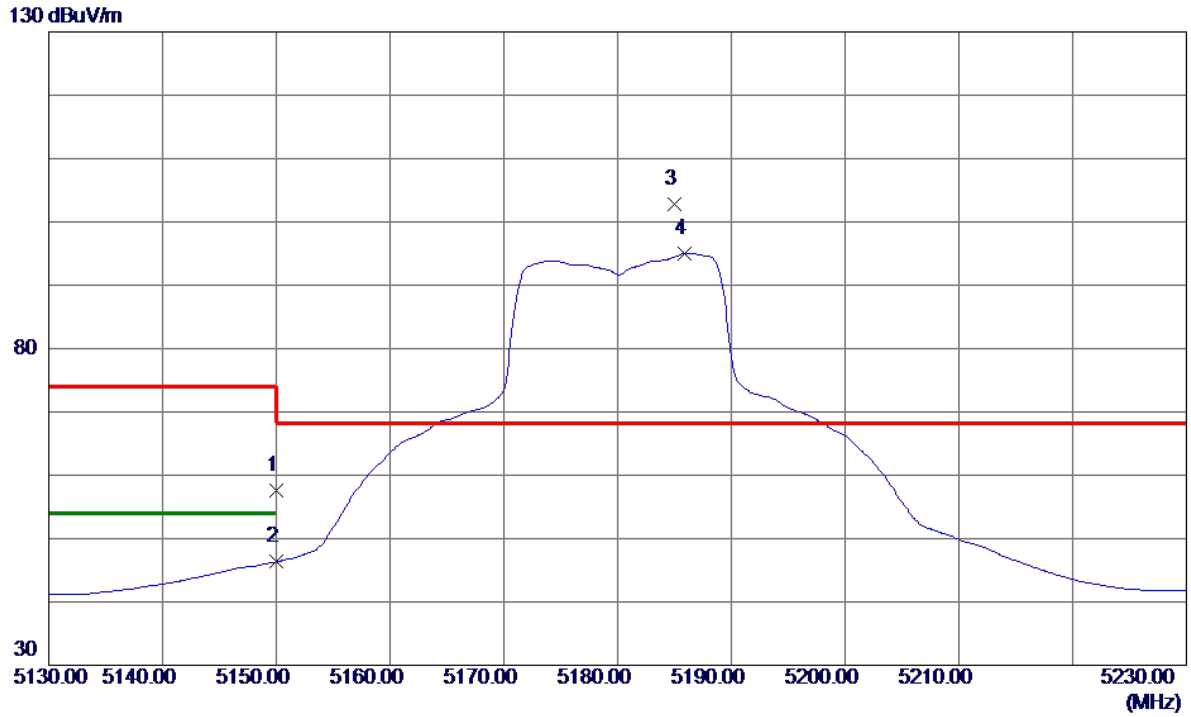
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.9000	48.53	16.33	64.86	68.30	-3.44	Peak	

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

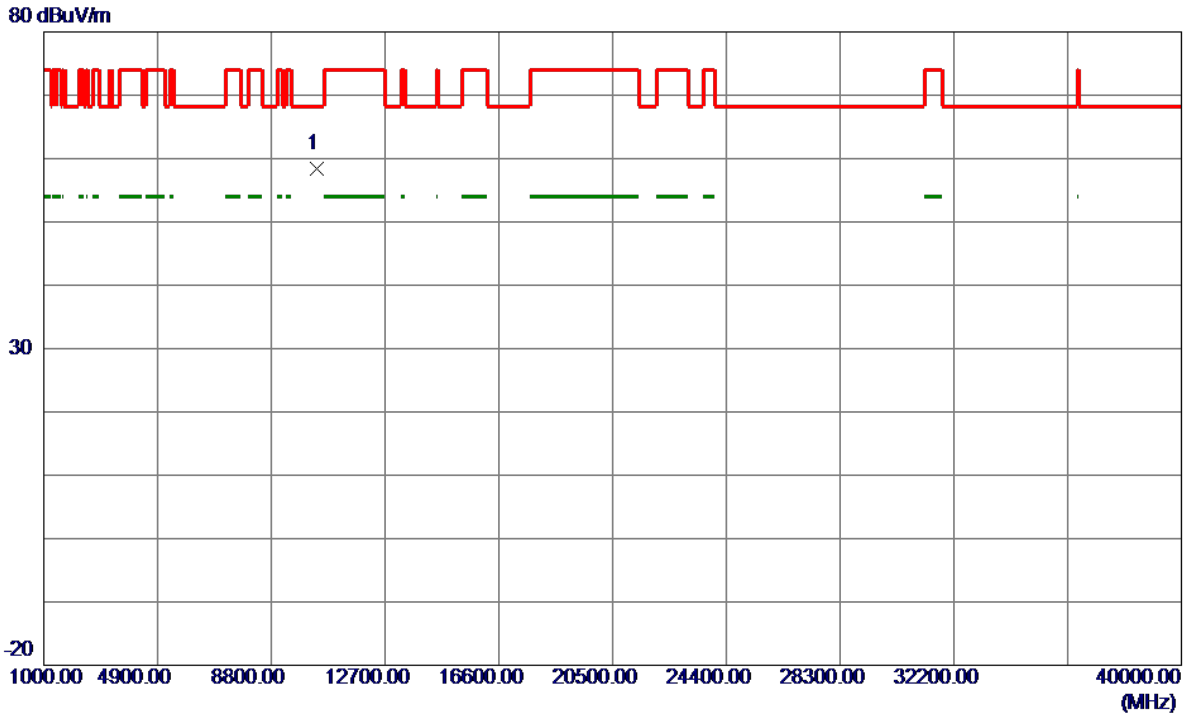
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.49	41.10	57.59	74.00	-16.41	Peak	
2	5150.0000	5.21	41.10	46.31	54.00	-7.69	AVG	
3 *	5185.0000	61.56	41.28	102.84	68.30	34.54	Peak	No Limit
4	5185.9000	53.64	41.28	94.92	999.00	-904.08	AVG	No Limit

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

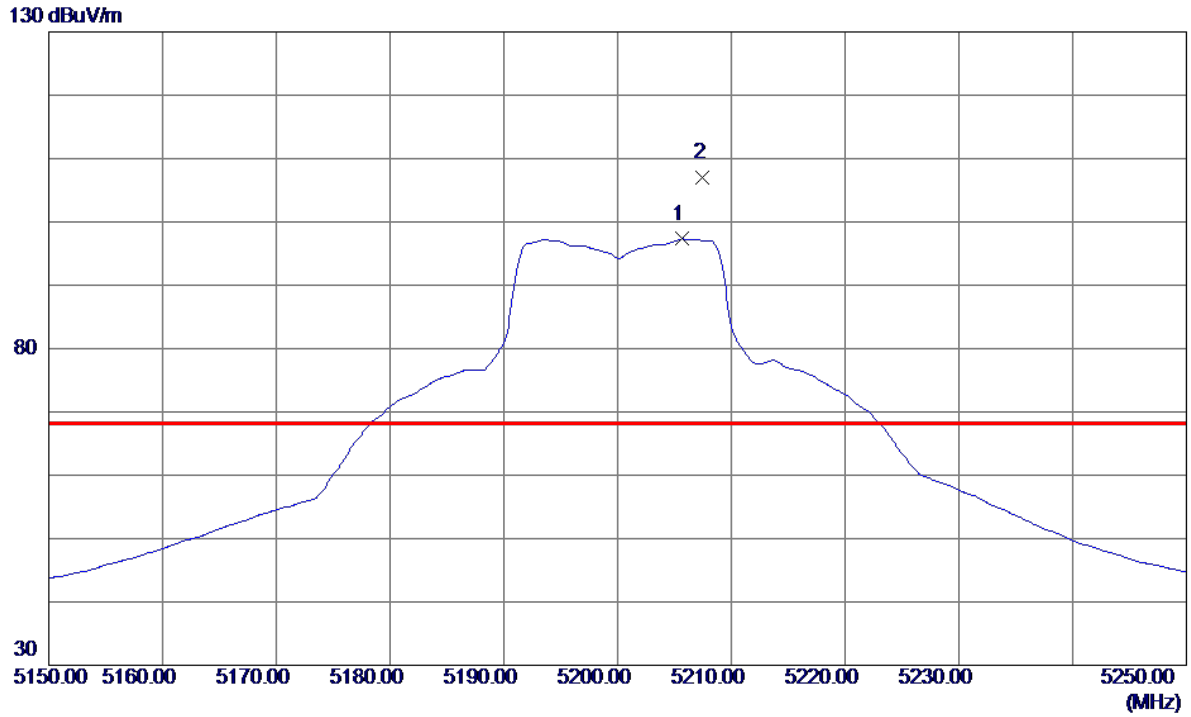
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.8500	41.98	16.33	58.31	68.30	-9.99	Peak	

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

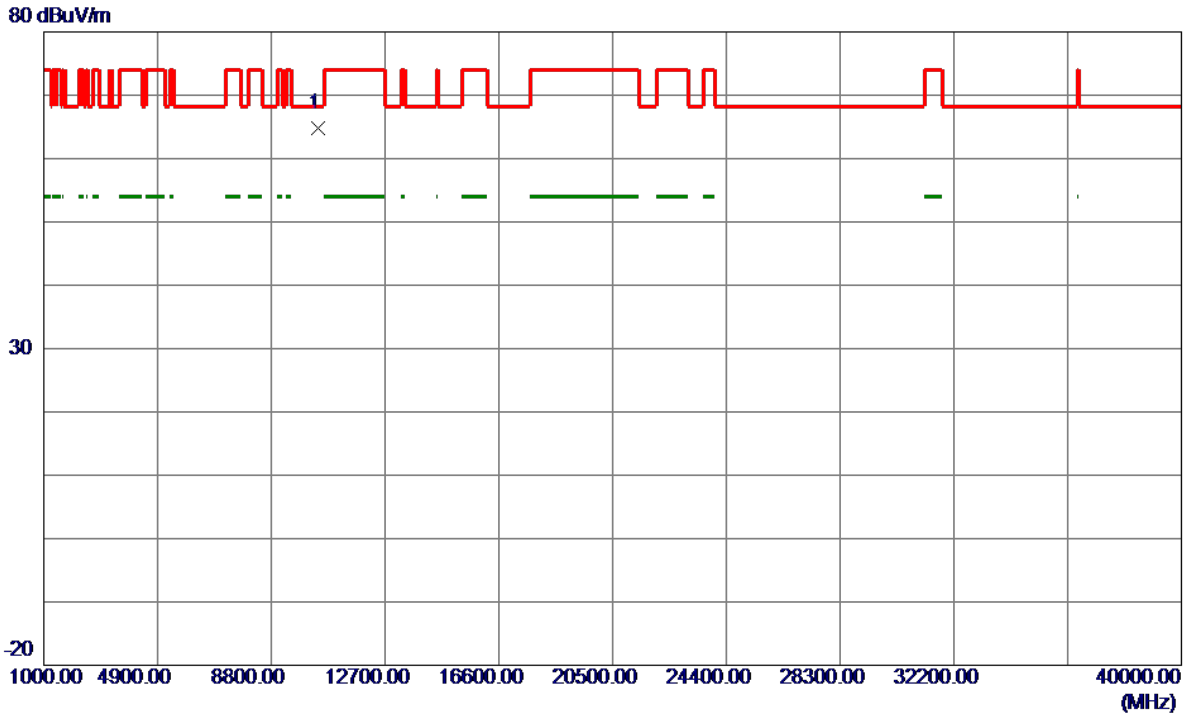
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.7000	55.92	41.38	97.30	999.00	-901.70	AVG	No Limit
2 *	5207.5000	65.51	41.39	106.90	68.30	38.60	Peak	No Limit

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

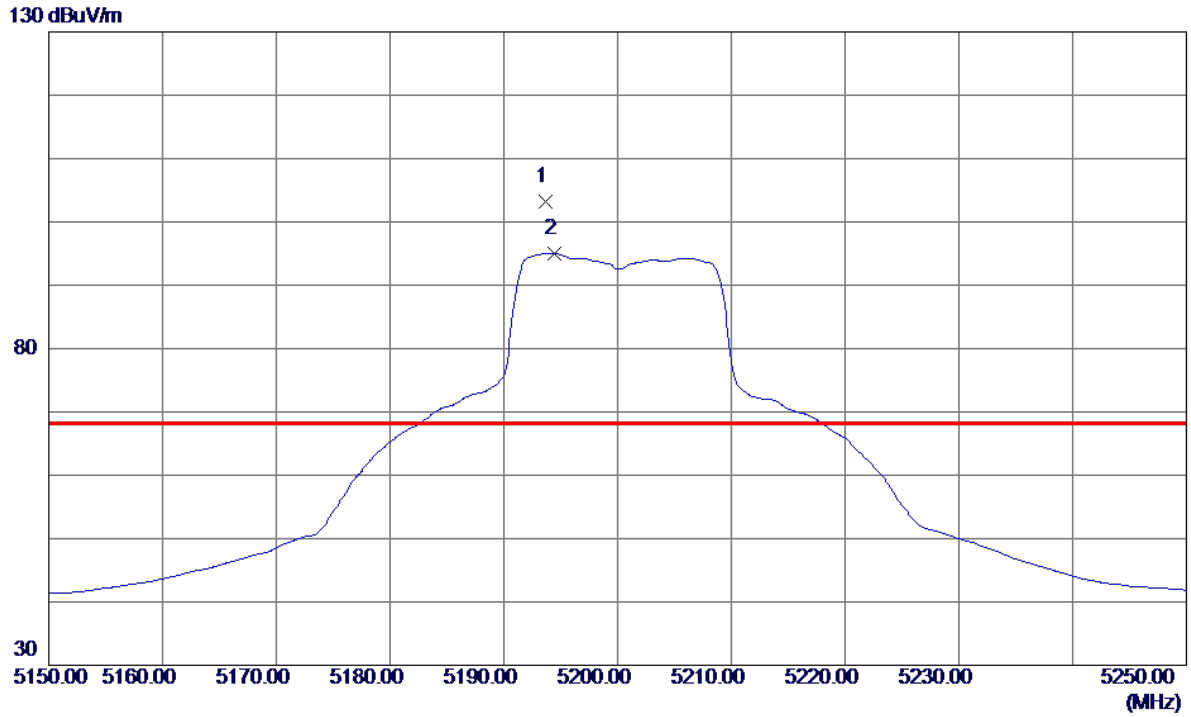
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.2500	48.41	16.44	64.85	68.30	-3.45	Peak	

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

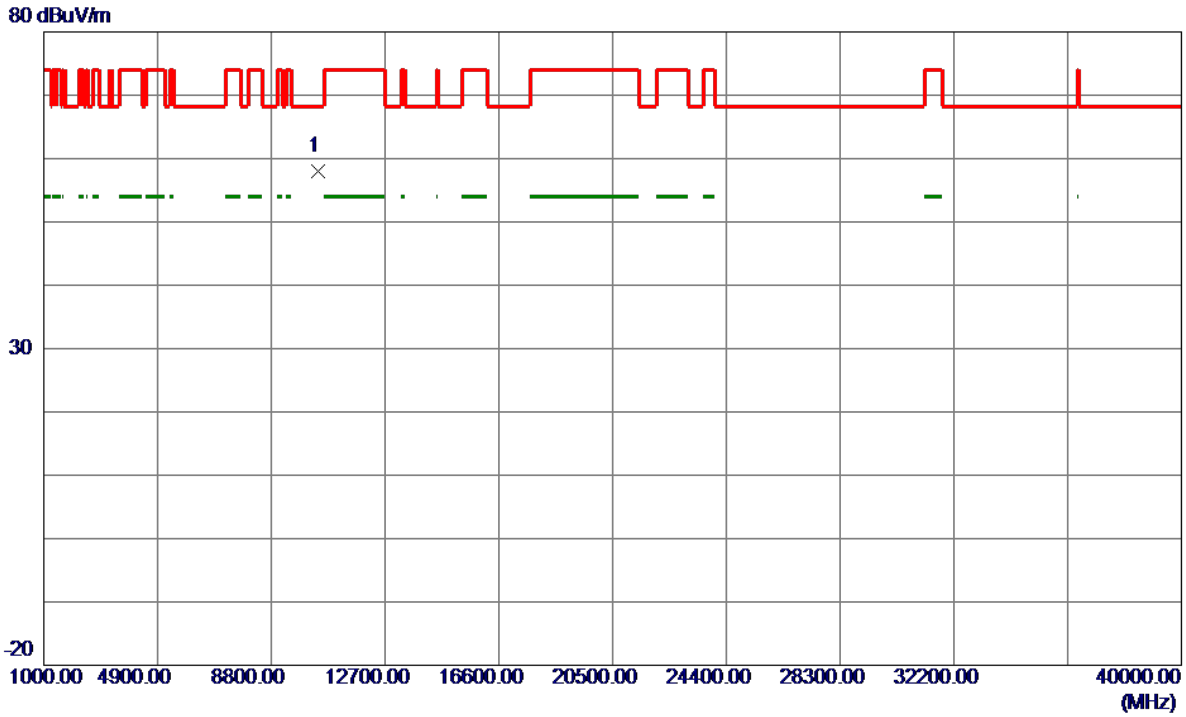
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5193.7000	61.89	41.32	103.21	68.30	34.91	Peak	No Limit
2	5194.4000	53.66	41.33	94.99	999.00	-904.01	AVG	No Limit

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

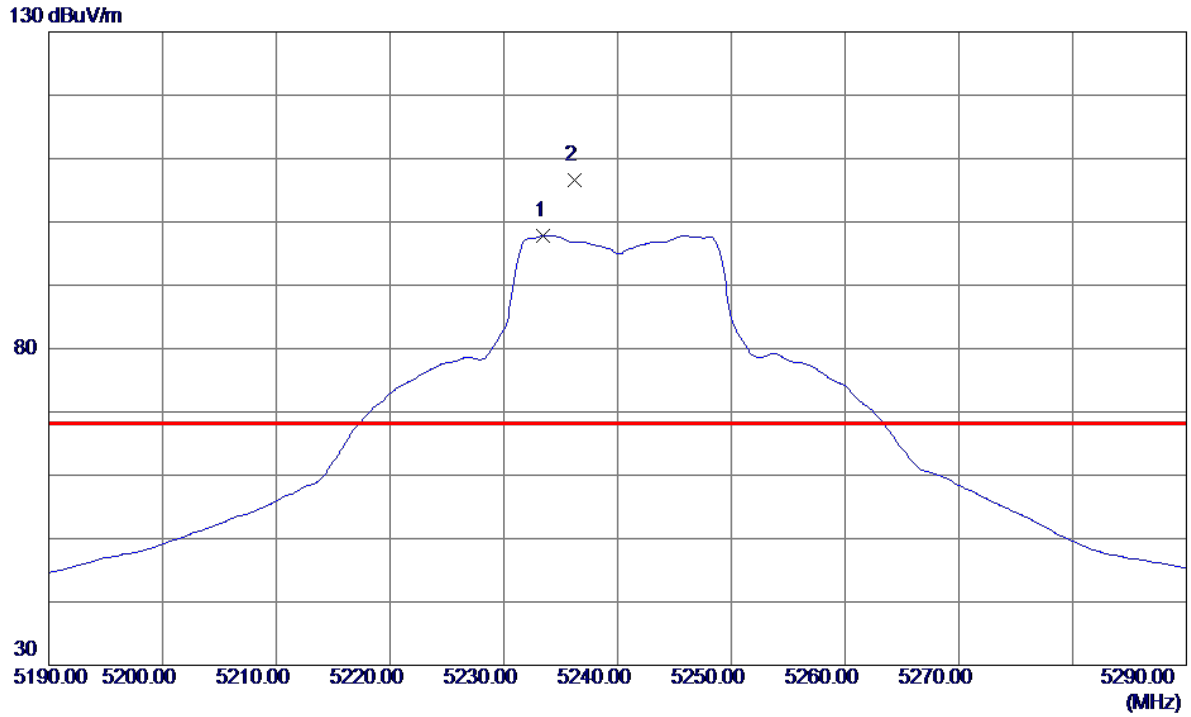
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10398.0500	41.49	16.43	57.92	68.30	-10.38	Peak	

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

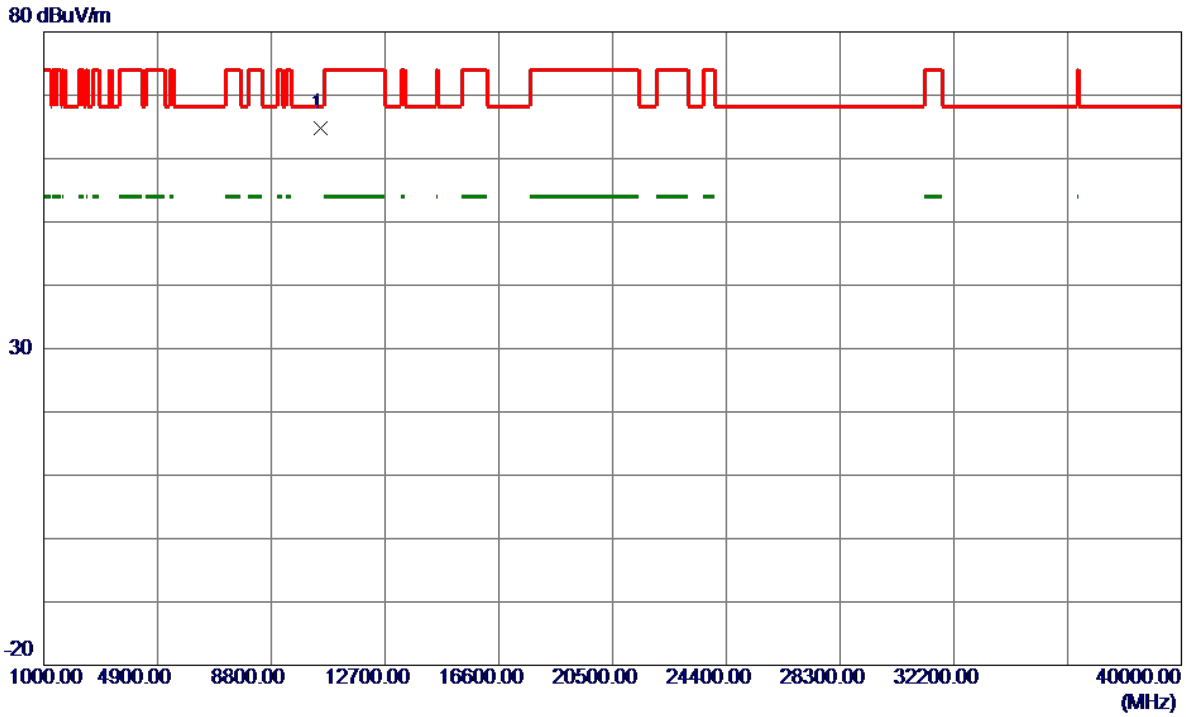
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.5000	56.23	41.53	97.76	999.00	-901.24	AVG	No Limit
2 *	5236.2000	65.11	41.54	106.65	68.30	38.35	Peak	No Limit

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

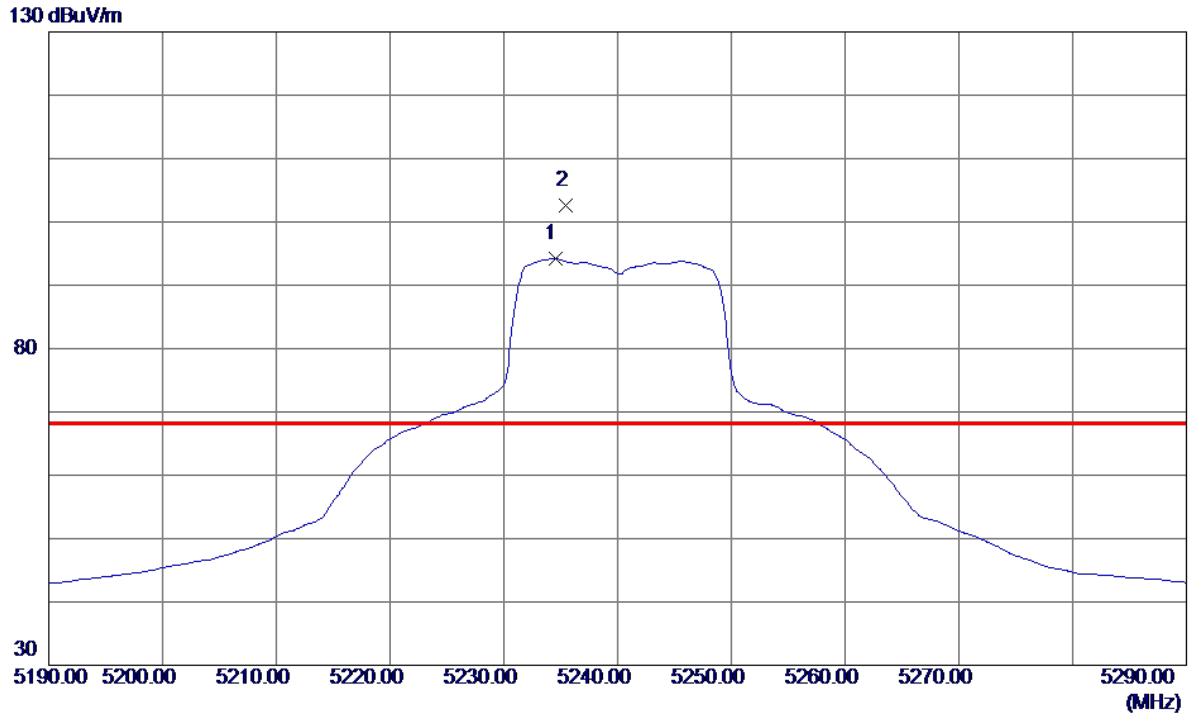
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0500	48.06	16.65	64.71	68.30	-3.59	Peak	

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

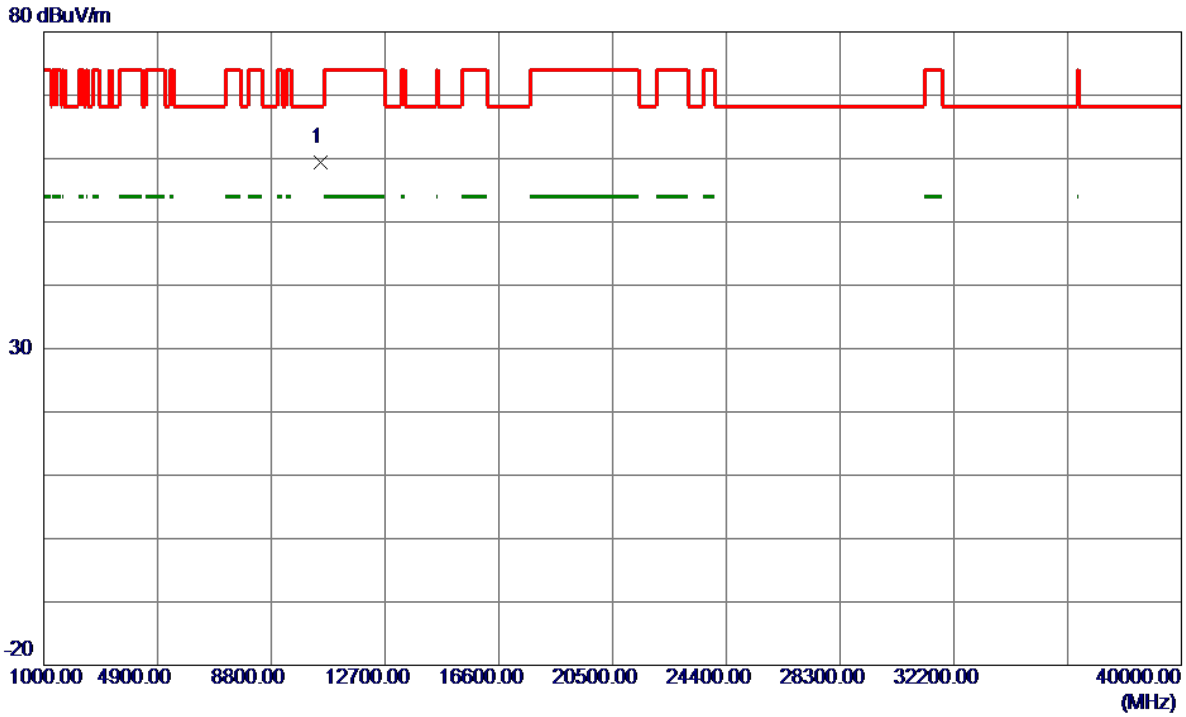
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5234.5000	52.62	41.53	94.15	999.00	-904.85	AVG	No Limit
2 *	5235.4000	61.00	41.54	102.54	68.30	34.24	Peak	No Limit

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

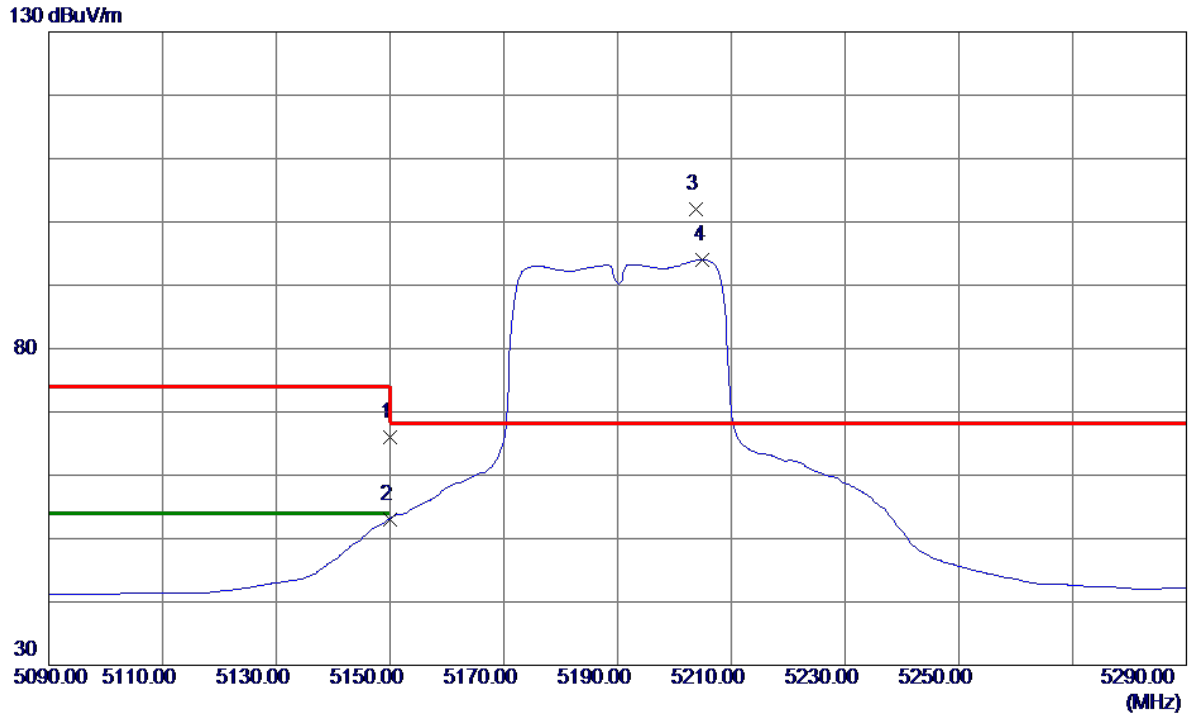
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.6500	42.66	16.65	59.31	68.30	-8.99	Peak	

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

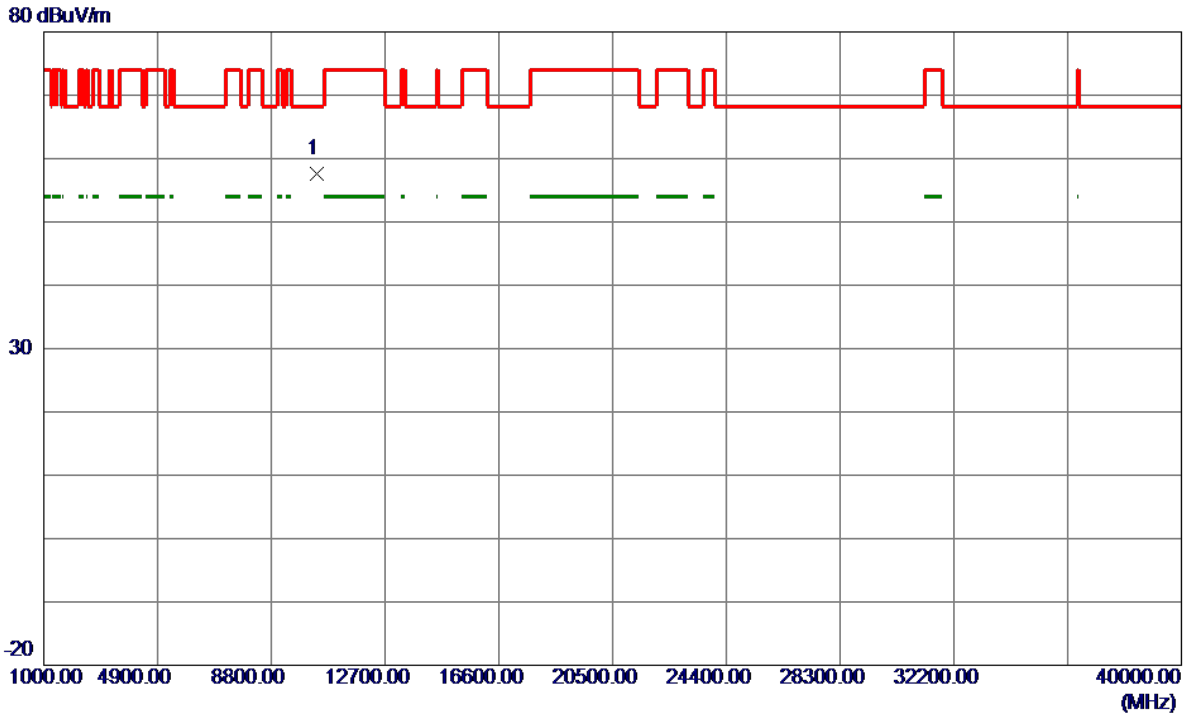
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.89	41.10	65.99	74.00	-8.01	Peak	
2	5150.0000	11.88	41.10	52.98	54.00	-1.02	AVG	
3 *	5203.8000	60.55	41.38	101.93	68.30	33.63	Peak	No Limit
4	5205.0000	52.65	41.38	94.03	999.00	-904.97	AVG	No Limit

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

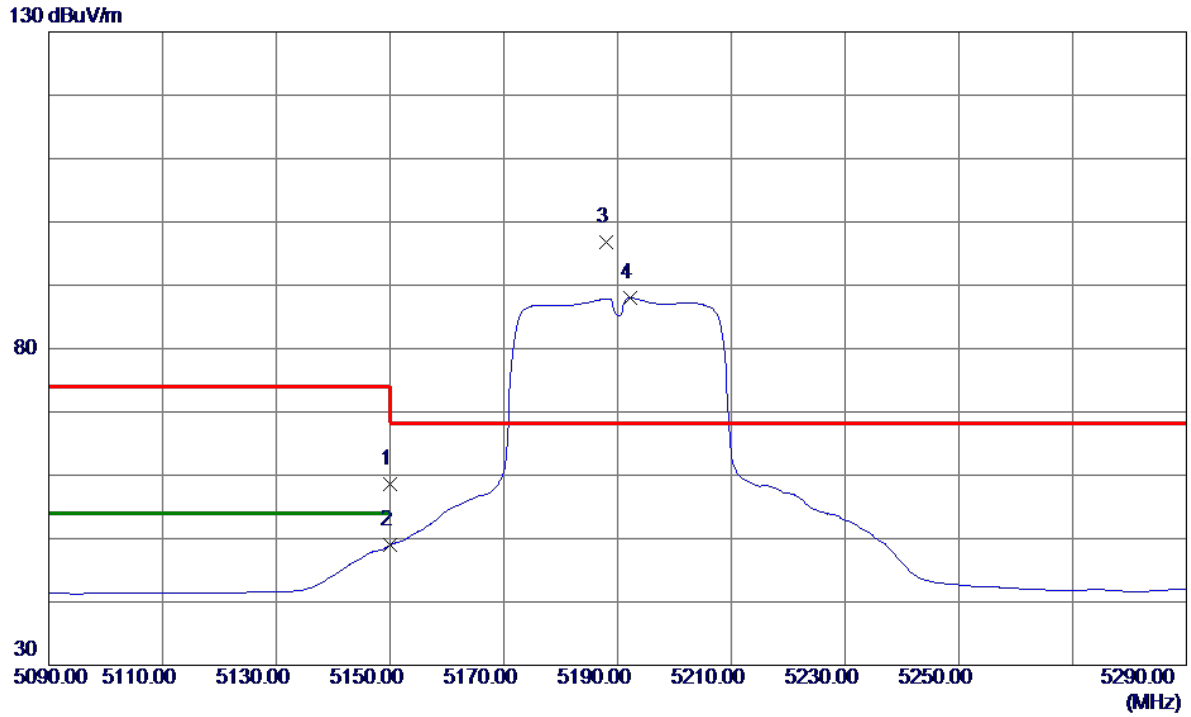
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10376.9000	41.22	16.38	57.60	68.30	-10.70	Peak	

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

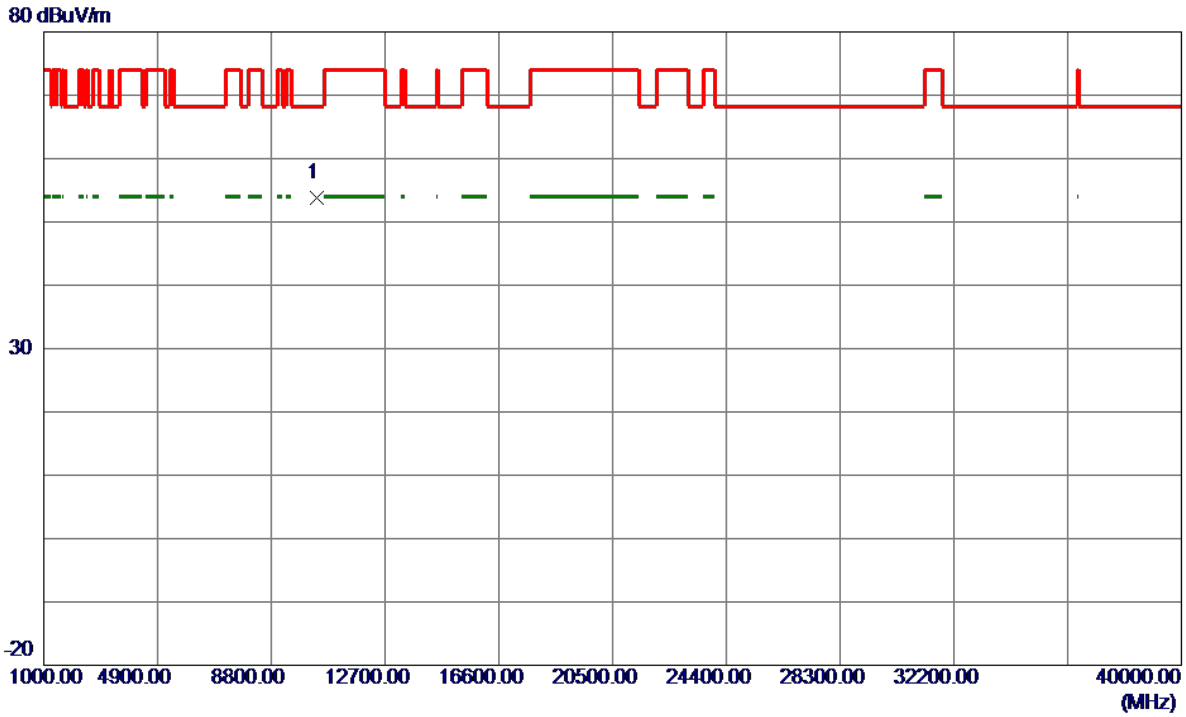
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.45	41.10	58.55	74.00	-15.45	Peak	
2	5150.0000	7.82	41.10	48.92	54.00	-5.08	AVG	
3 *	5188.0000	55.55	41.29	96.84	68.30	28.54	Peak	No Limit
4	5192.2000	46.68	41.32	88.00	999.00	-911.00	AVG	No Limit

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

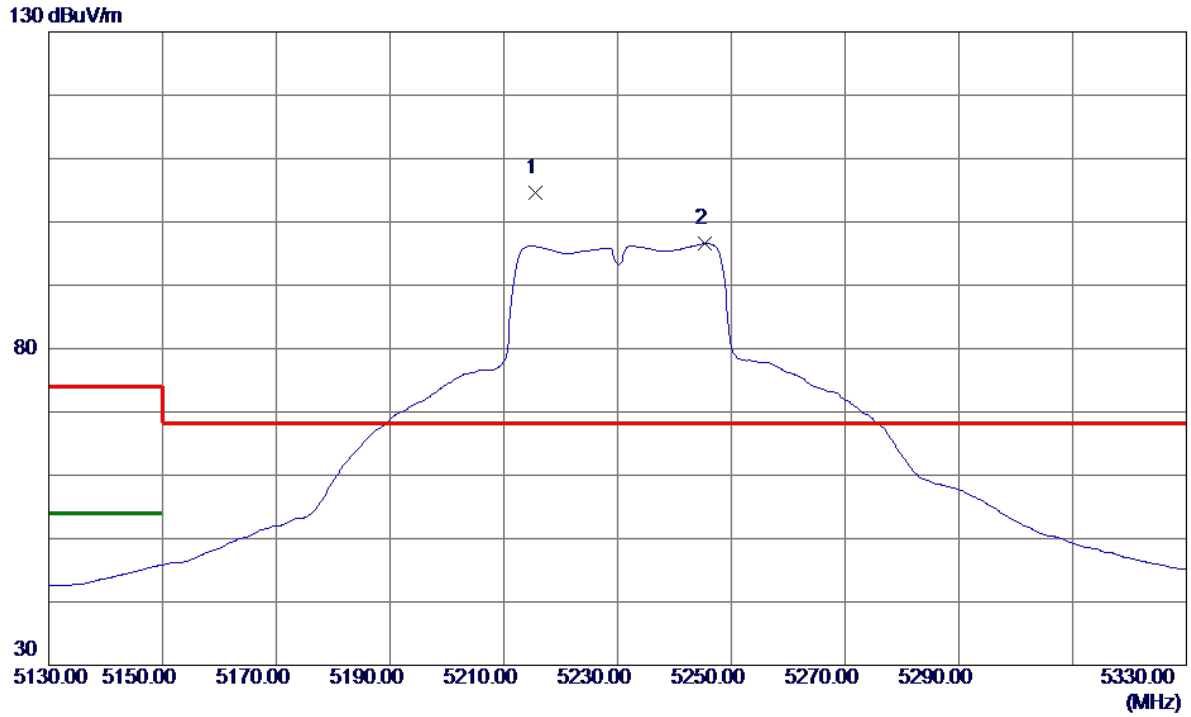
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10374.4000	37.38	16.37	53.75	68.30	-14.55	Peak	

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

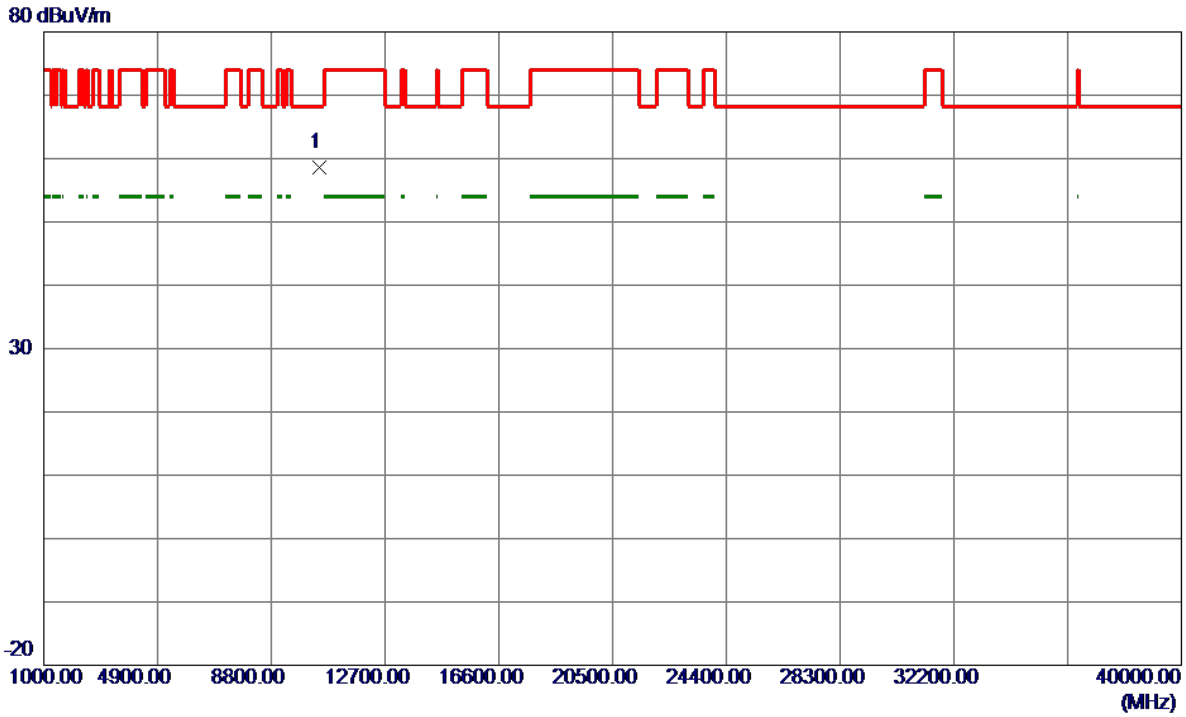
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5215.6000	63.17	41.44	104.61	68.30	36.31	Peak	No Limit
2	5245.4000	55.02	41.59	96.61	999.00	-902.39	AVG	No Limit

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

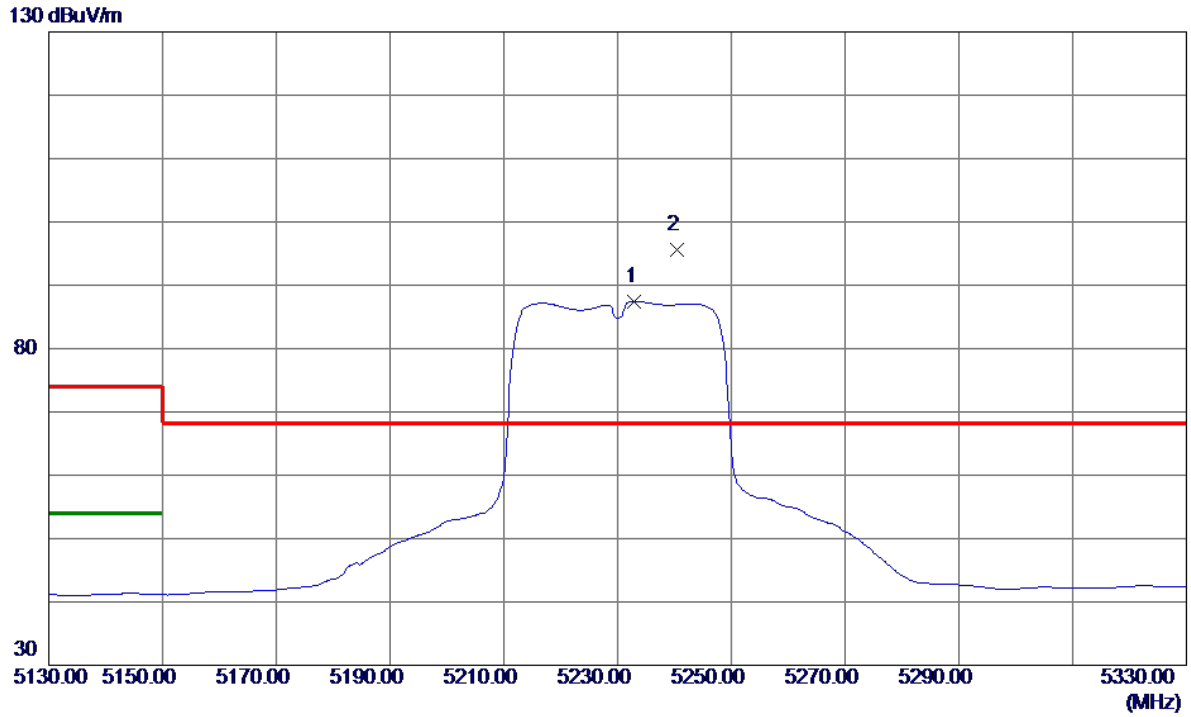
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10466.5000	41.98	16.62	58.60	68.30	-9.70	Peak	

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

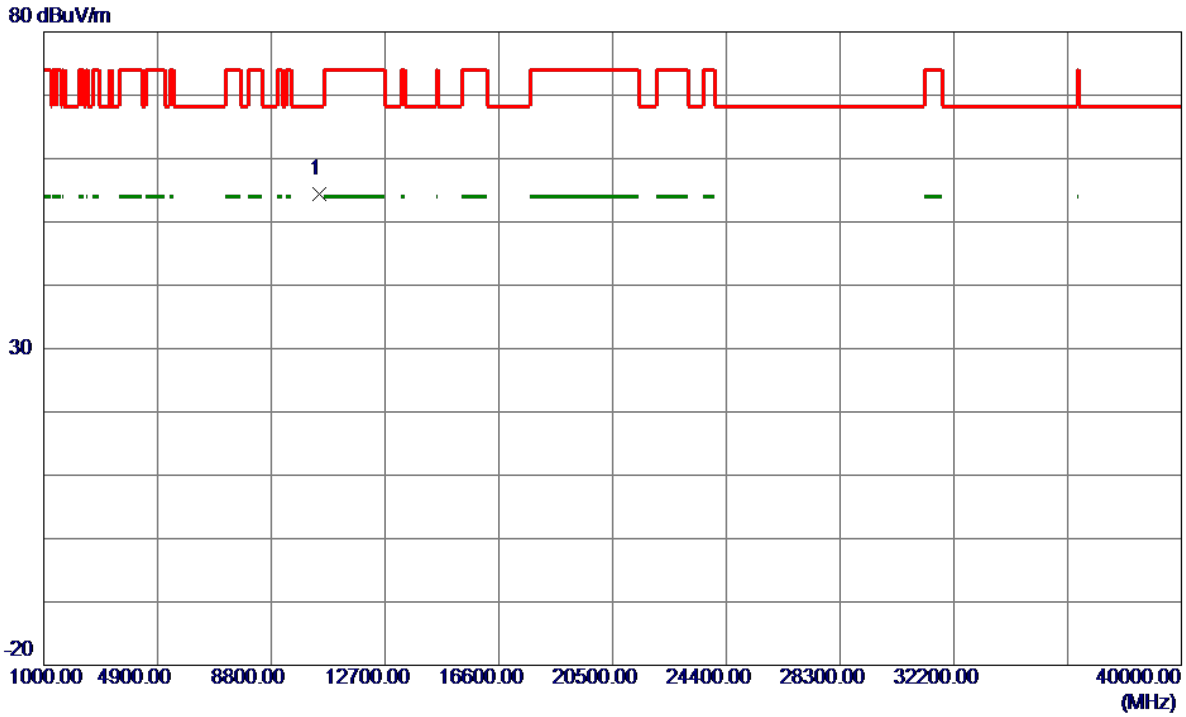
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.0000	45.93	41.52	87.45	999.00	-911.55	AVG	No Limit
2 *	5240.4000	53.97	41.56	95.53	68.30	27.23	Peak	No Limit

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

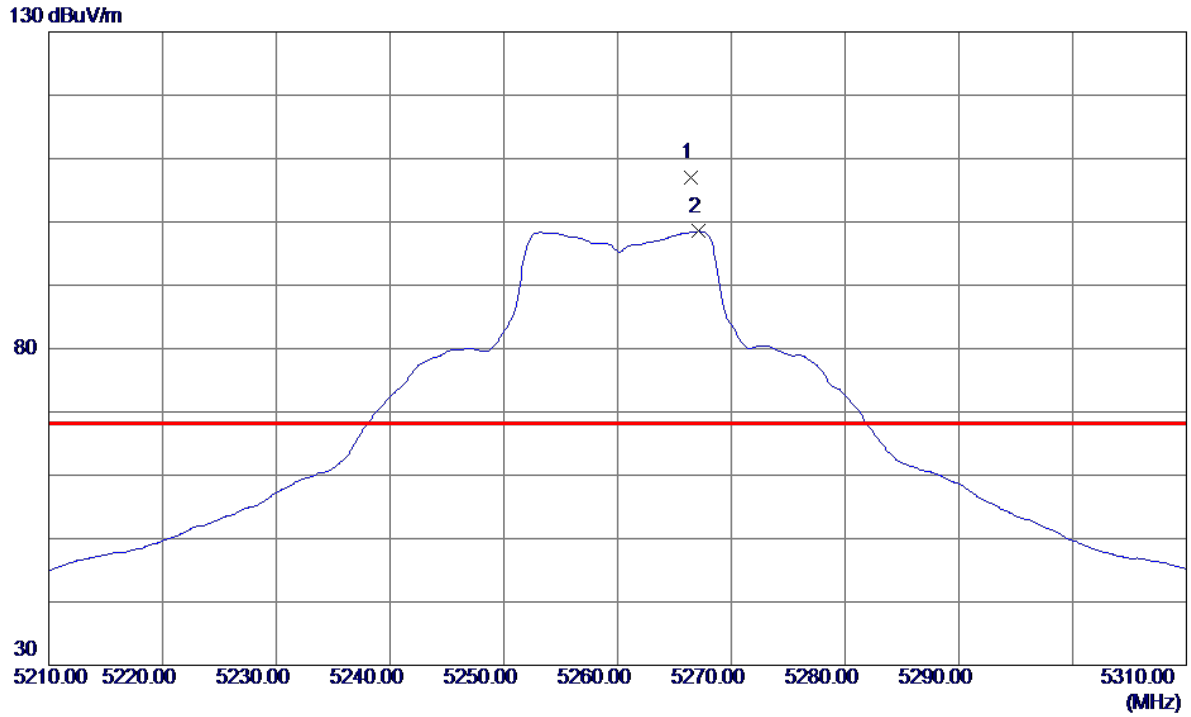
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10463.1000	37.85	16.61	54.46	68.30	-13.84	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

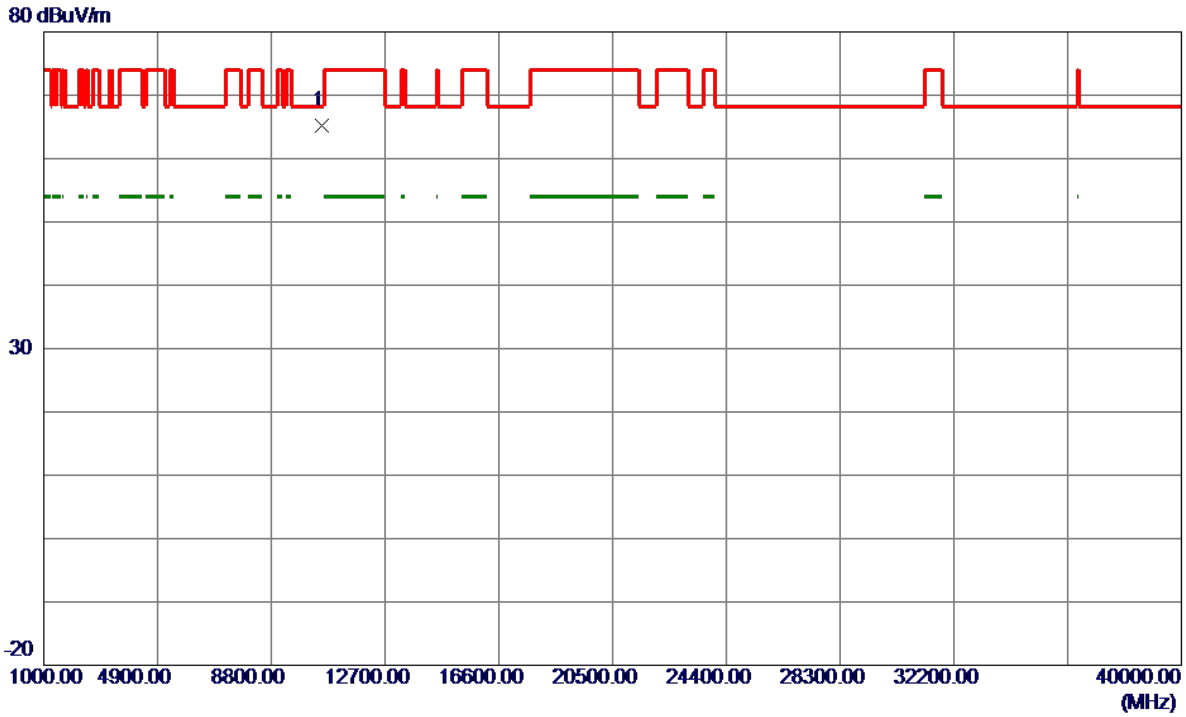
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5266.4000	65.31	41.69	107.00	68.30	38.70	Peak	No Limit
2	5267.1000	56.80	41.70	98.50	999.00	-900.50	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

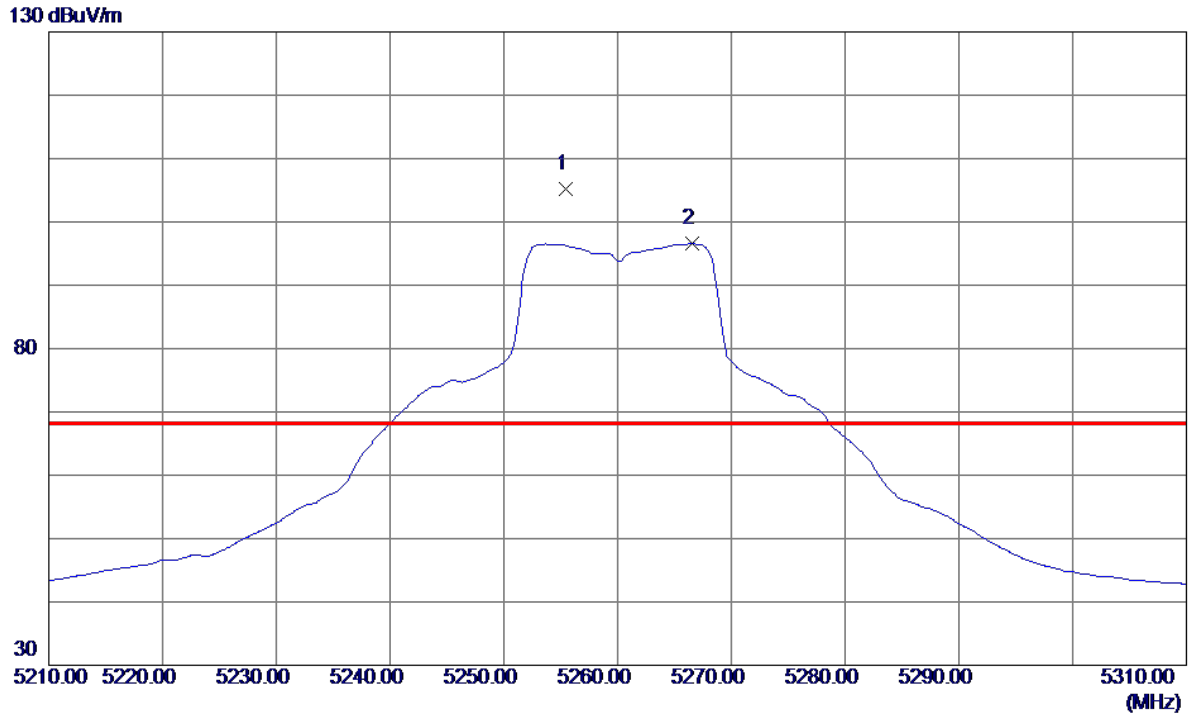
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.8500	48.47	16.68	65.15	68.30	-3.15	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

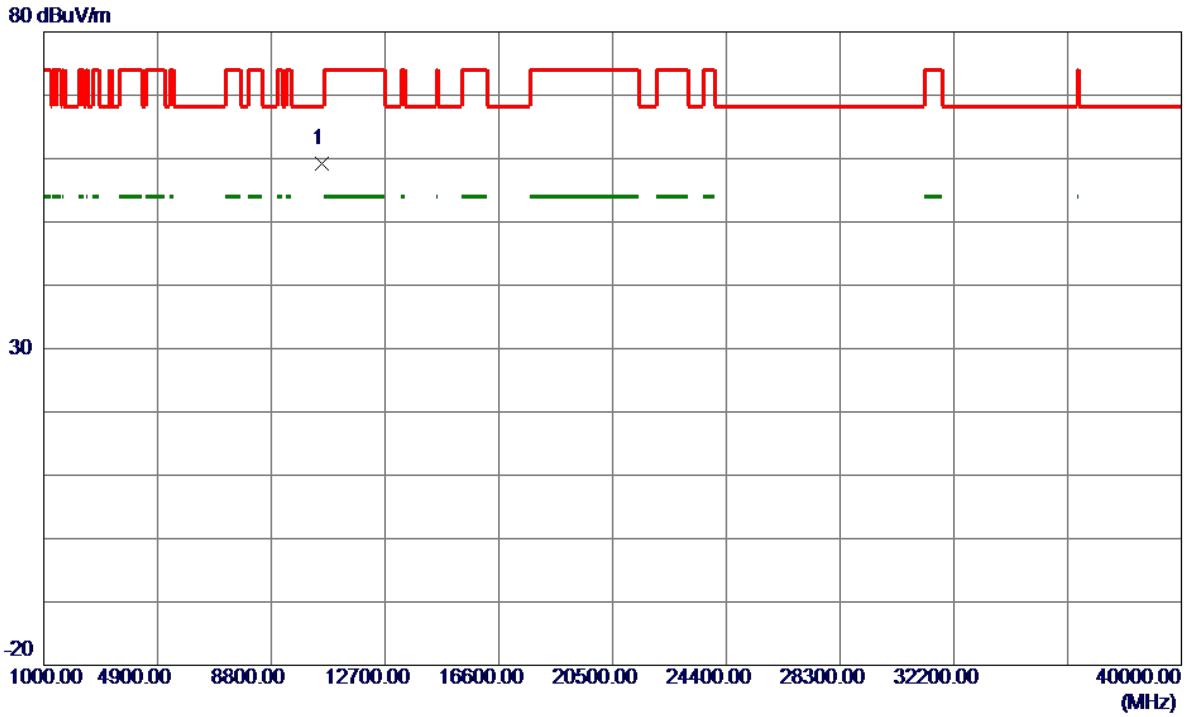
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5255.4000	63.61	41.64	105.25	68.30	36.95	Peak	No Limit
2	5266.6000	54.83	41.69	96.52	999.00	-902.48	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5260MHz

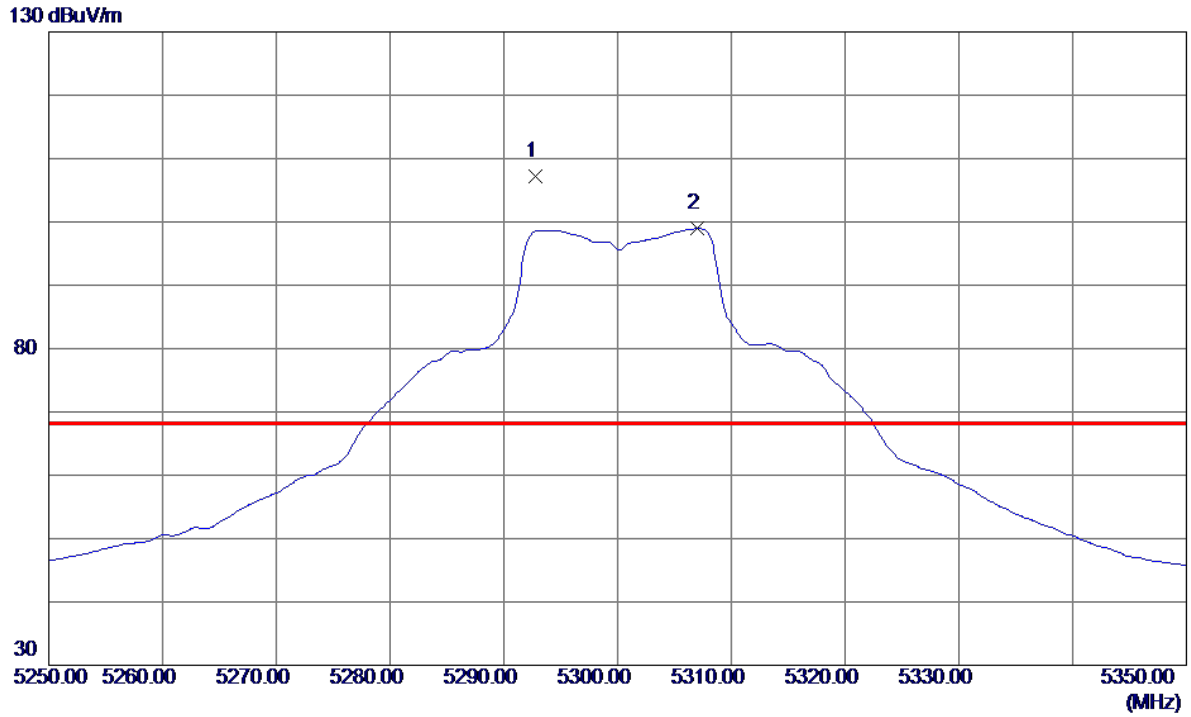
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.9500	42.48	16.68	59.16	68.30	-9.14	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

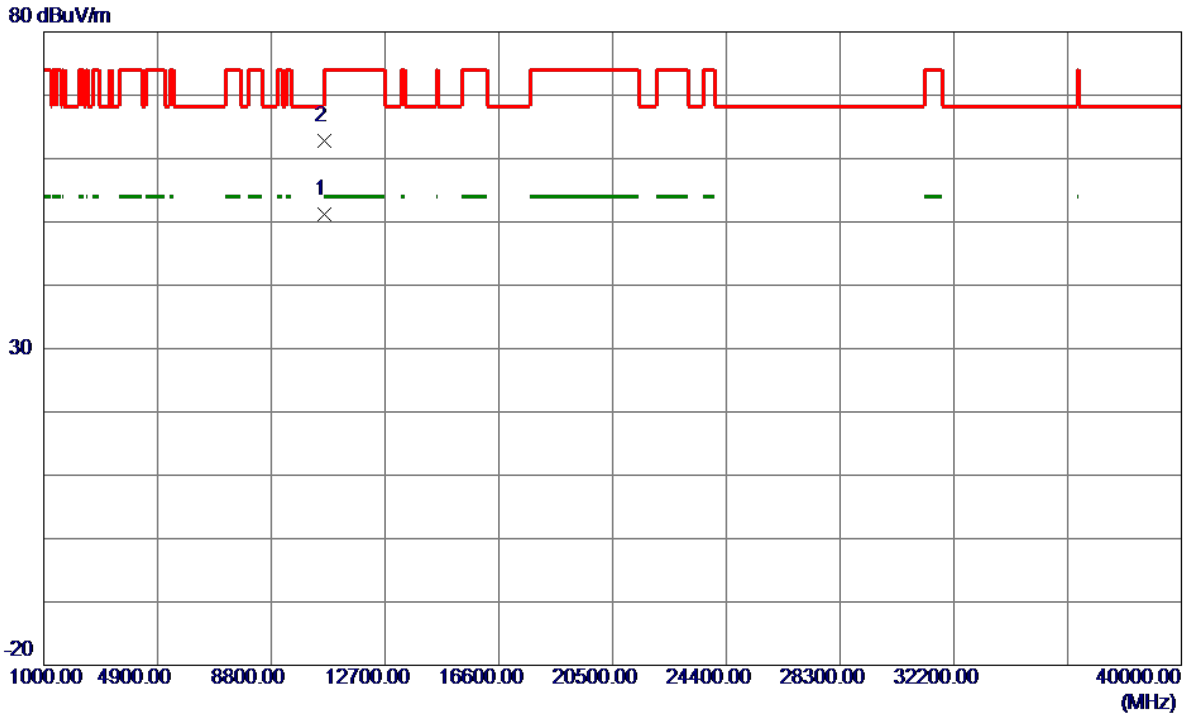
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5292.8000	65.39	41.83	107.22	68.30	38.92	Peak	No Limit
2	5307.0000	57.01	41.90	98.91	999.00	-900.09	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

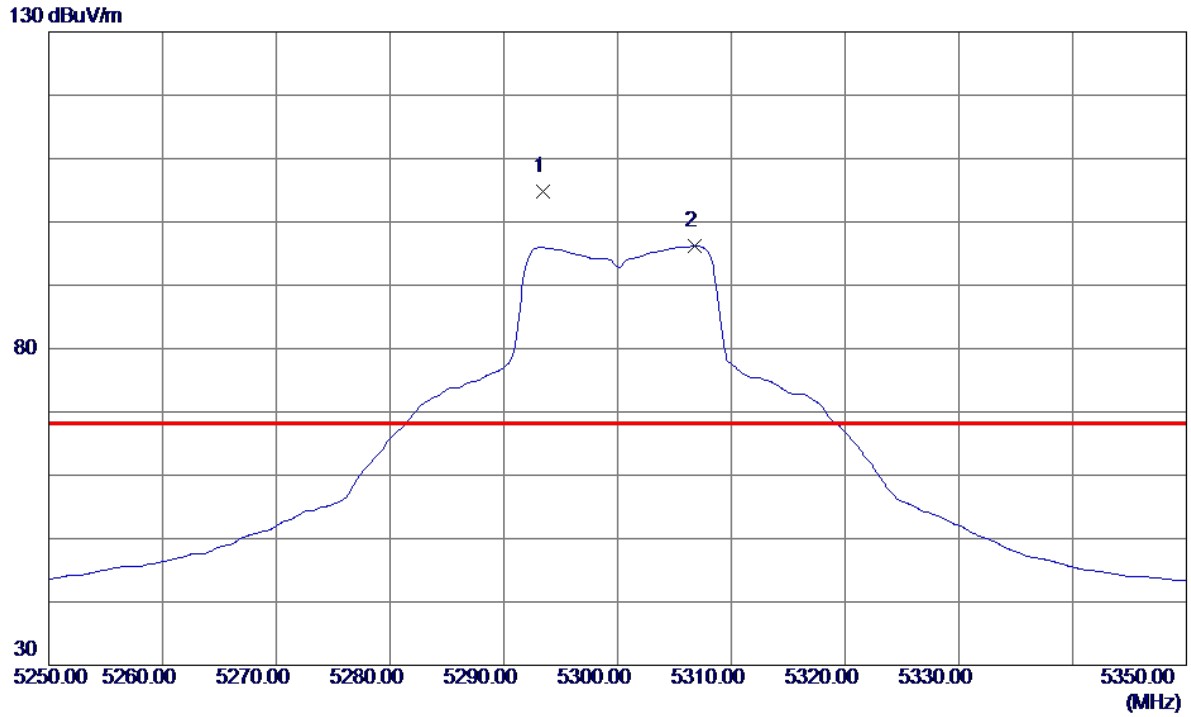
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.3000	34.55	16.57	51.12	54.00	-2.88	AVG	
2	10601.9500	46.20	16.57	62.77	74.00	-11.23	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

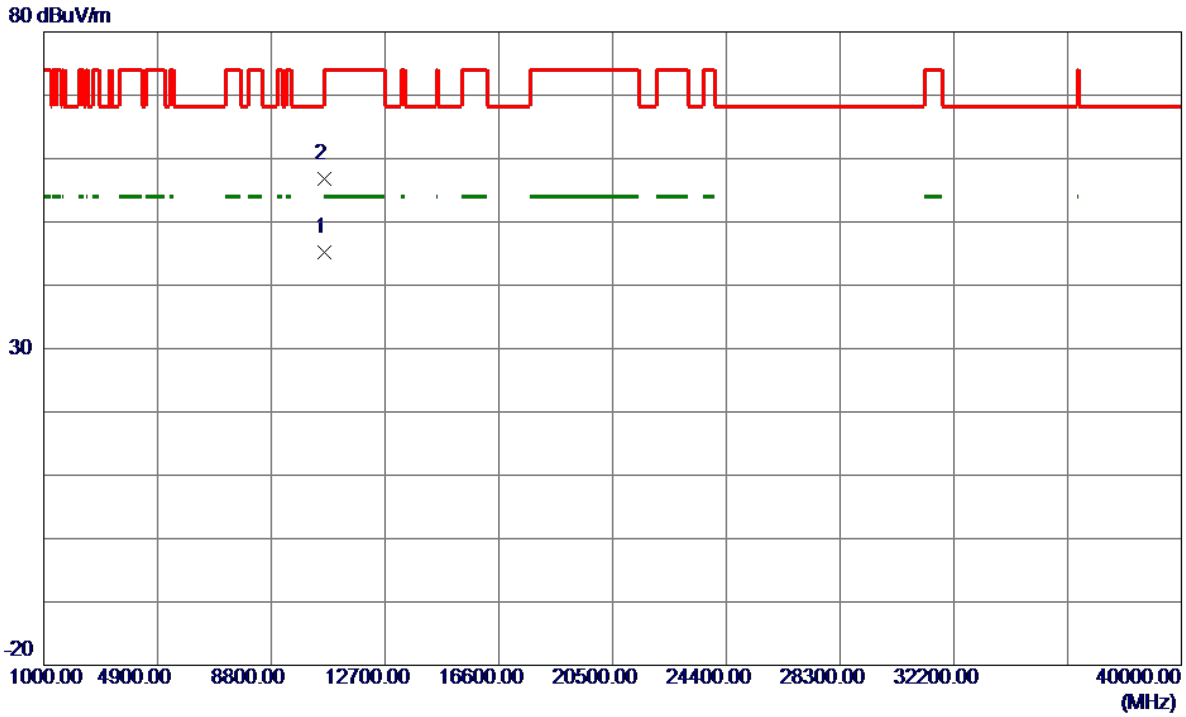
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5293.4000	62.99	41.83	104.82	68.30	36.52	Peak	No Limit
2	5306.8000	54.26	41.90	96.16	999.00	-902.84	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5300MHz

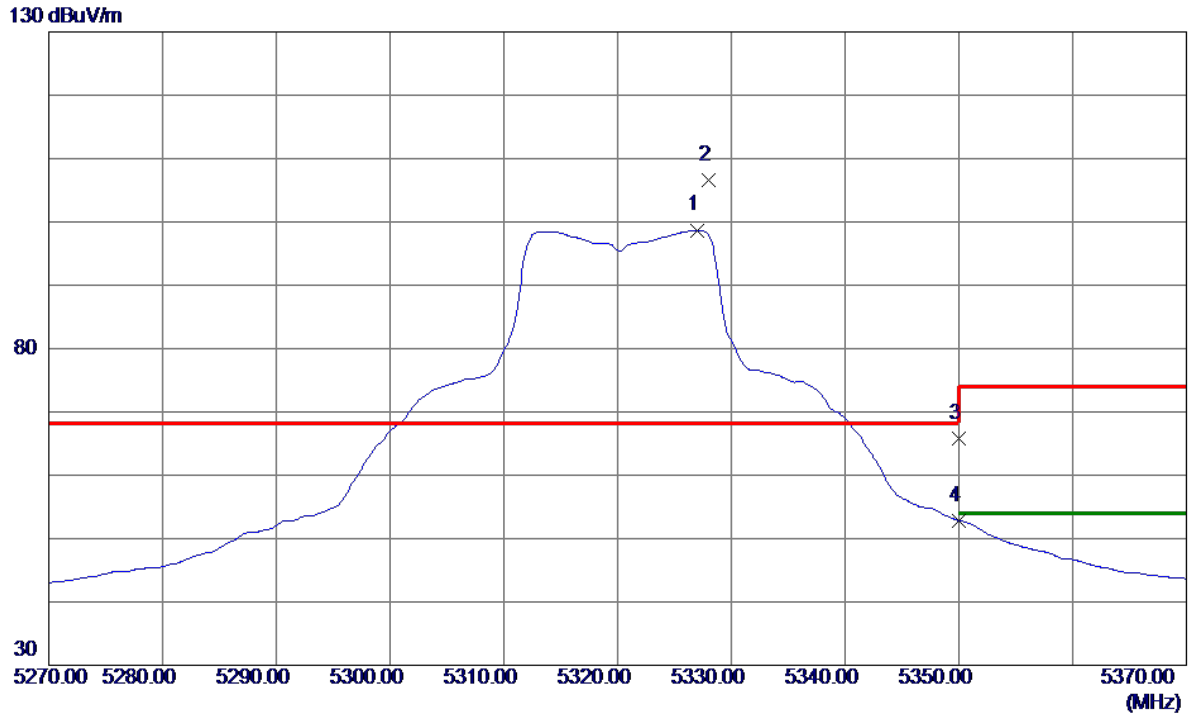
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.2500	28.72	16.57	45.29	54.00	-8.71	AVG	
2	10601.9000	40.24	16.57	56.81	74.00	-17.19	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

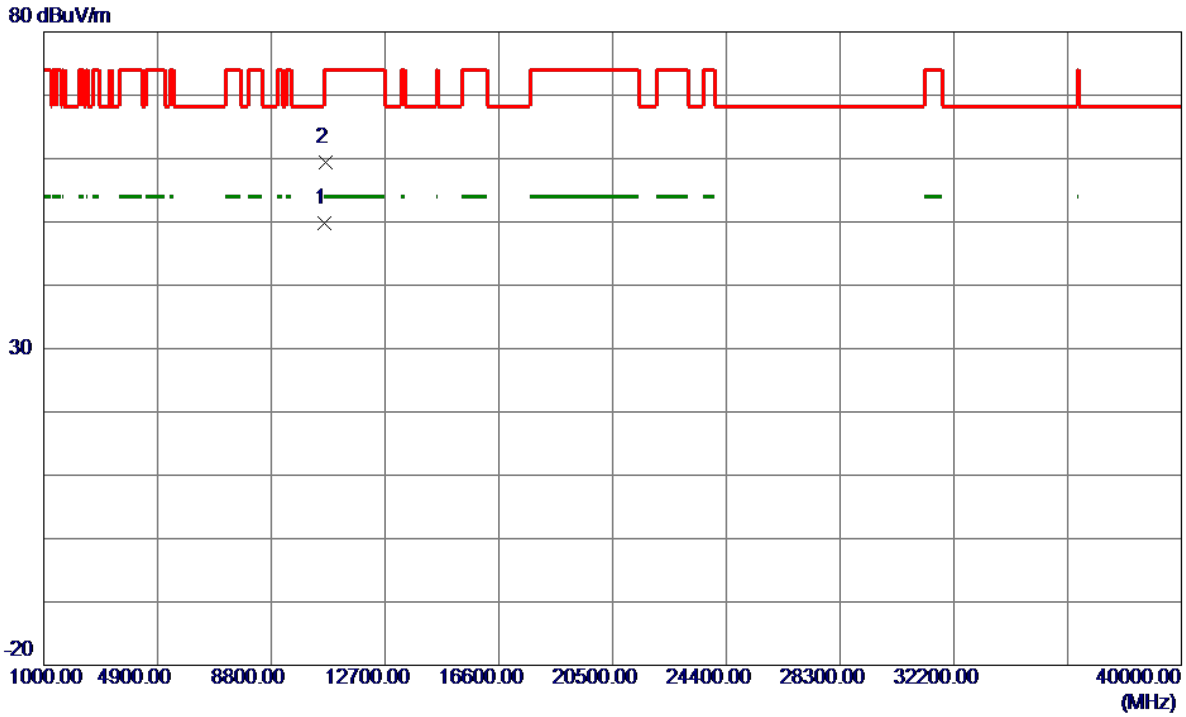
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5327.0000	56.70	42.00	98.70	999.00	-900.30	AVG	No Limit
2 *	5328.0000	64.53	42.01	106.54	68.30	38.24	Peak	No Limit
3	5350.0000	23.63	42.12	65.75	74.00	-8.25	Peak	
4	5350.0000	10.62	42.12	52.74	999.00	-946.26	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

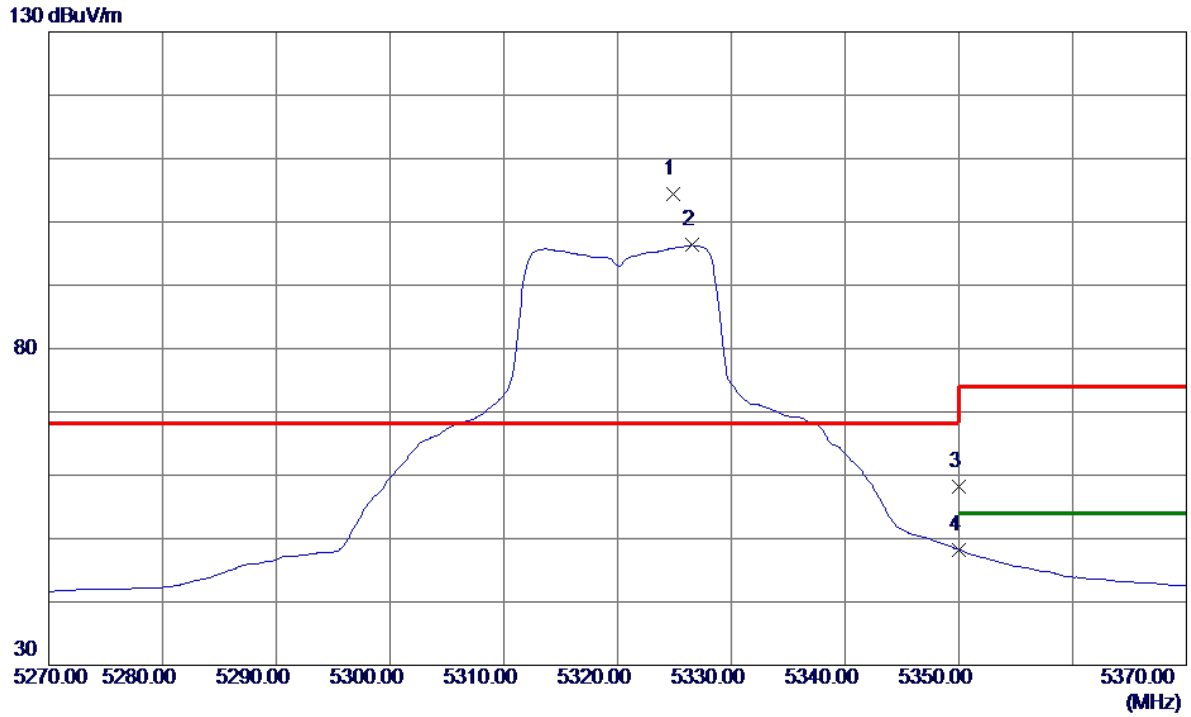
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10640.0000	33.22	16.52	49.74	54.00	-4.26	AVG	
2	10641.8000	42.81	16.51	59.32	74.00	-14.68	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

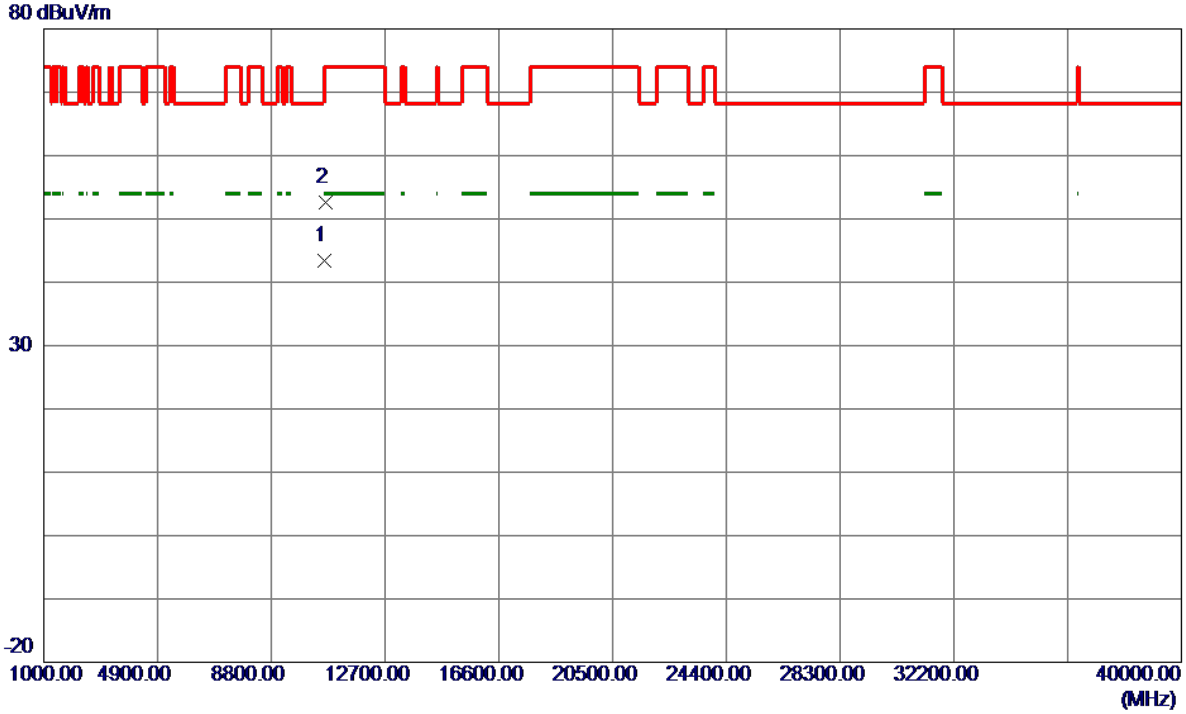
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5324.9000	62.35	41.99	104.34	68.30	36.04	Peak	No Limit
2	5326.6000	54.31	42.00	96.31	999.00	-902.69	AVG	No Limit
3	5350.0000	16.09	42.12	58.21	74.00	-15.79	Peak	
4	5350.0000	6.07	42.12	48.19	999.00	-950.81	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

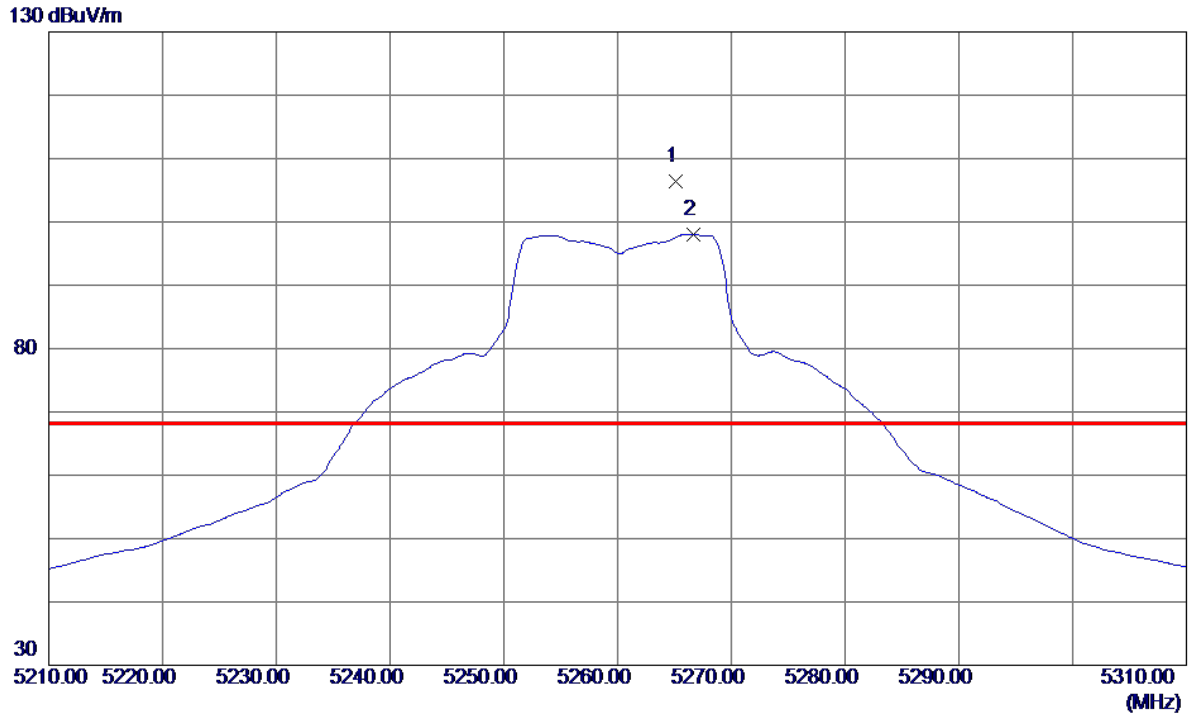
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10640.2000	26.93	16.52	43.45	54.00	-10.55	AVG	
2	10642.1500	36.17	16.51	52.68	74.00	-21.32	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

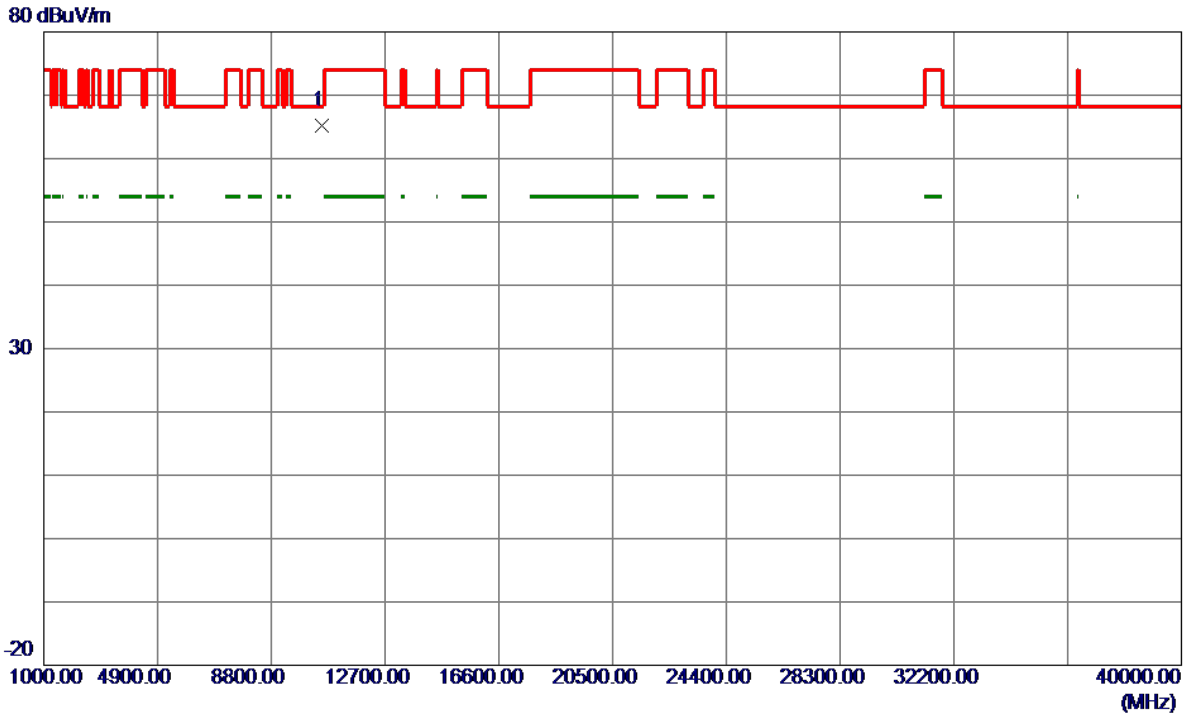
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5265.1000	64.77	41.69	106.46	68.30	38.16	Peak	No Limit
2	5266.7000	56.29	41.69	97.98	999.00	-901.02	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

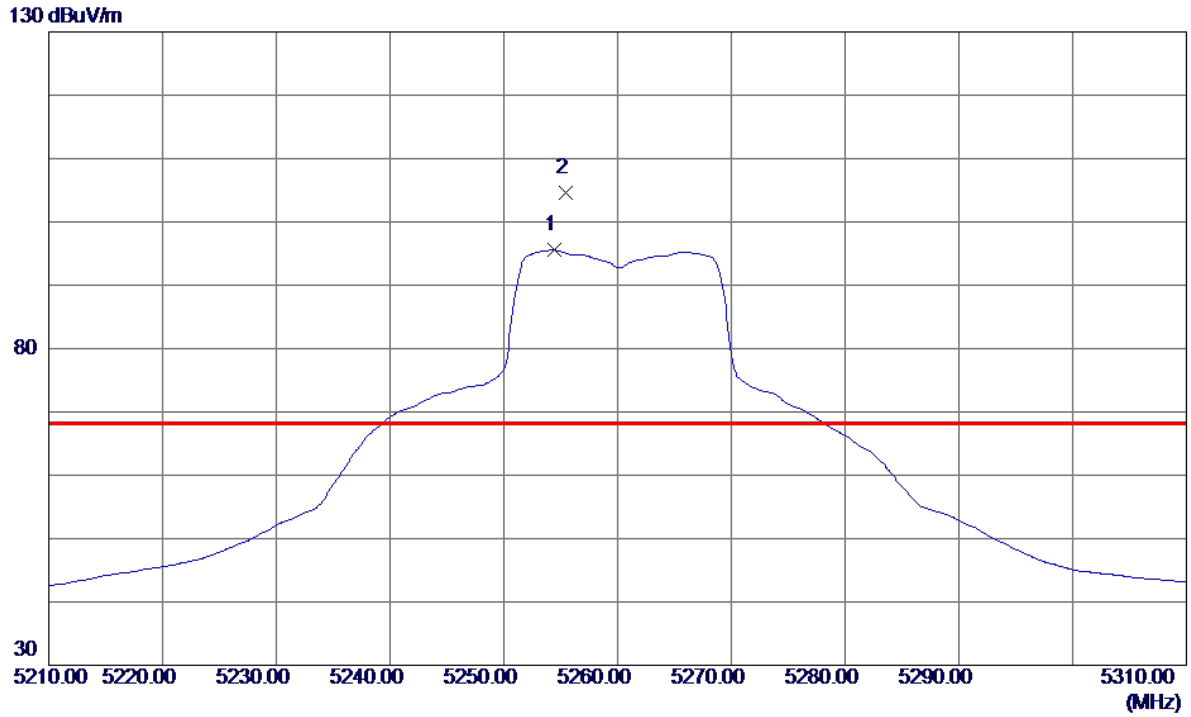
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.4500	48.58	16.68	65.26	68.30	-3.04	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

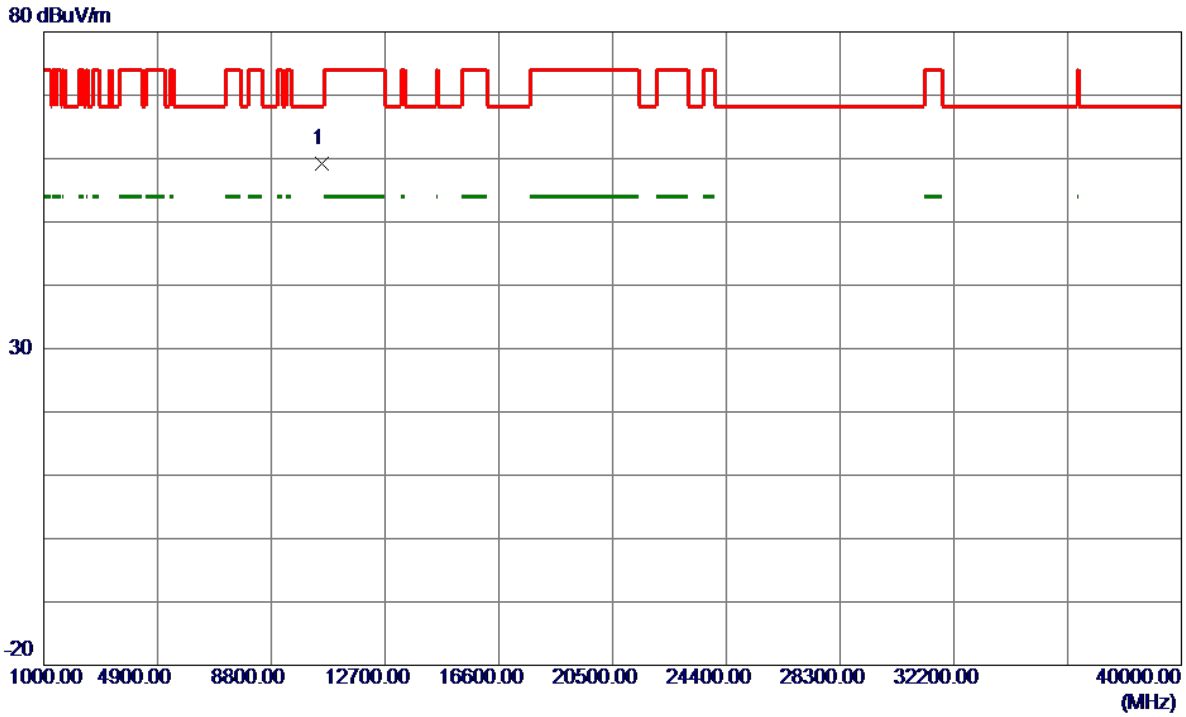
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5254.4000	53.88	41.63	95.51	999.00	-903.49	AVG	No Limit
2 *	5255.4000	62.92	41.64	104.56	68.30	36.26	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5260MHz

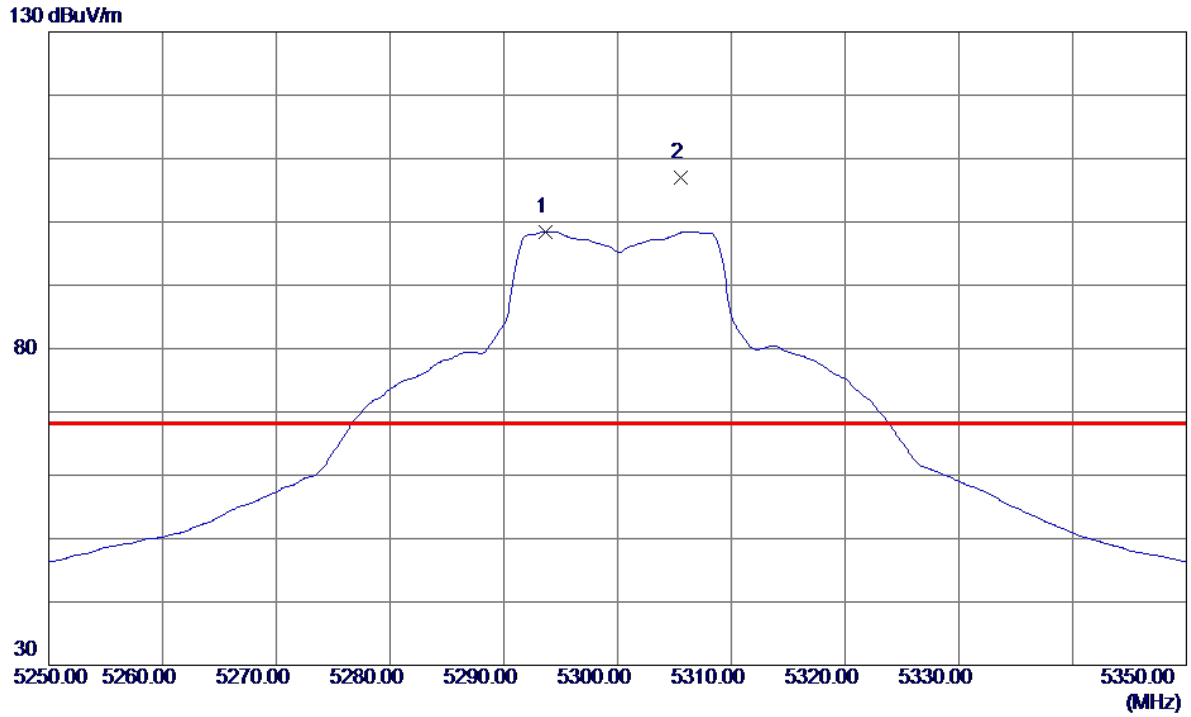
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.1500	42.56	16.68	59.24	68.30	-9.06	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

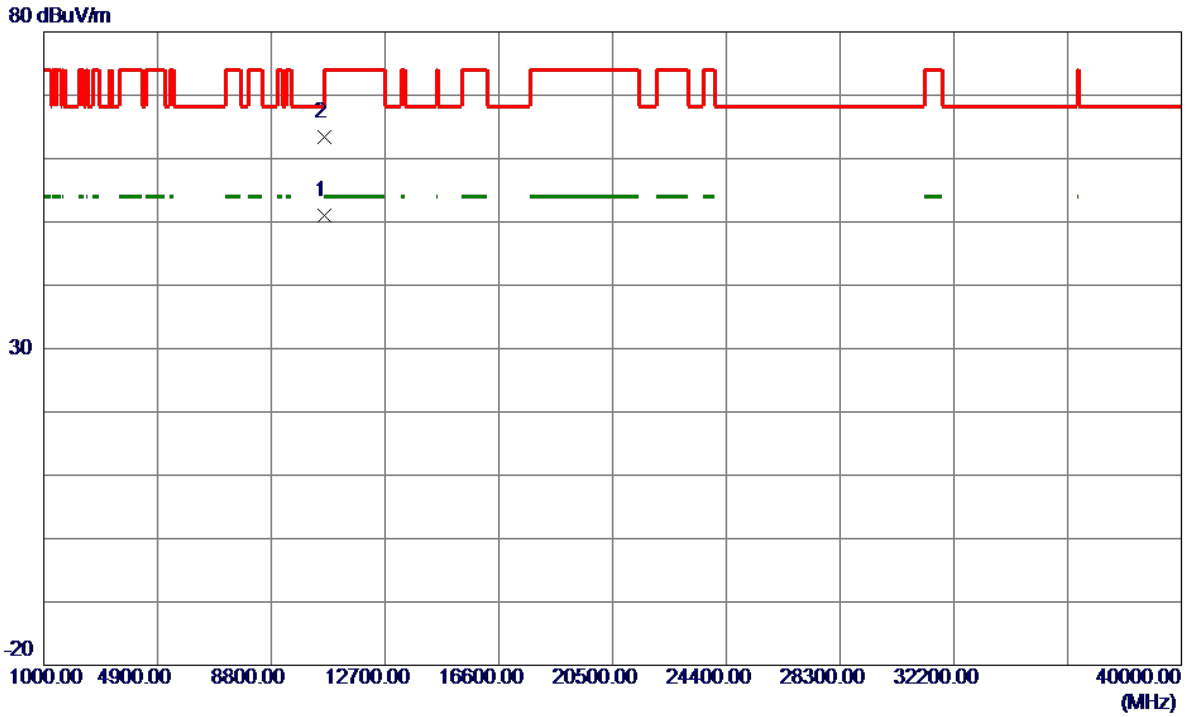
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5293.7000	56.58	41.83	98.41	999.00	-900.59	AVG	No Limit
2 *	5305.6000	65.01	41.89	106.90	68.30	38.60	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

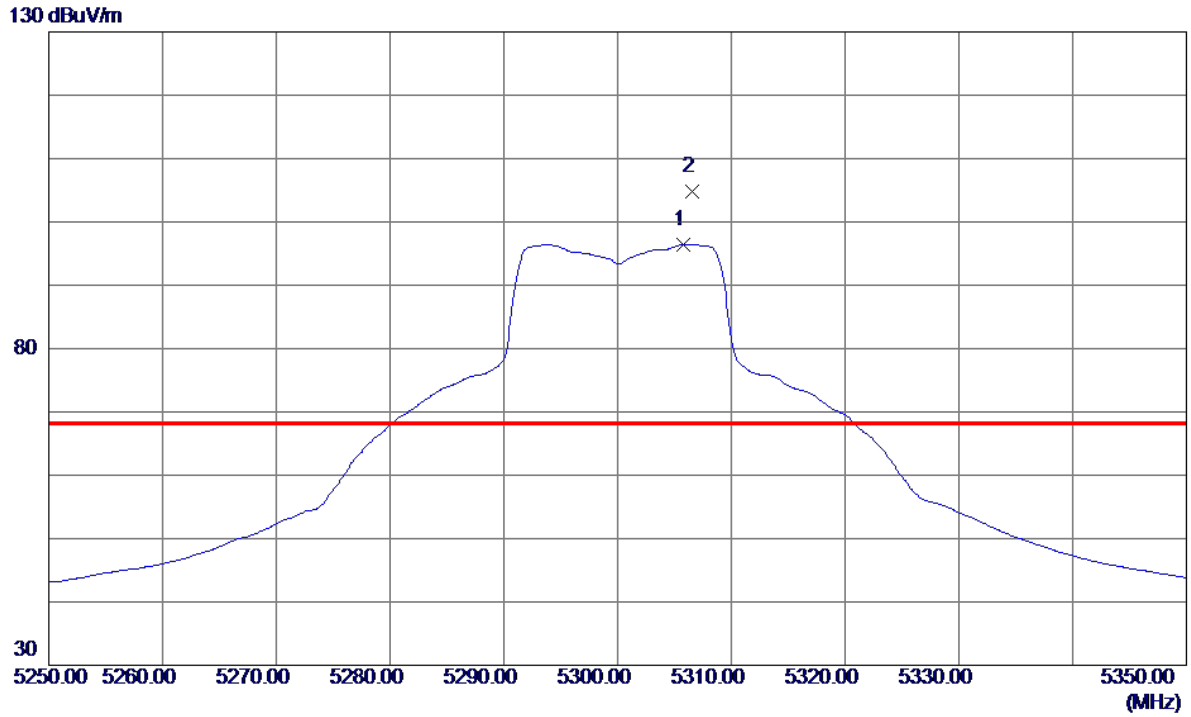
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.3000	34.41	16.57	50.98	54.00	-3.02	AVG	
2	10602.3000	46.91	16.57	63.48	74.00	-10.52	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

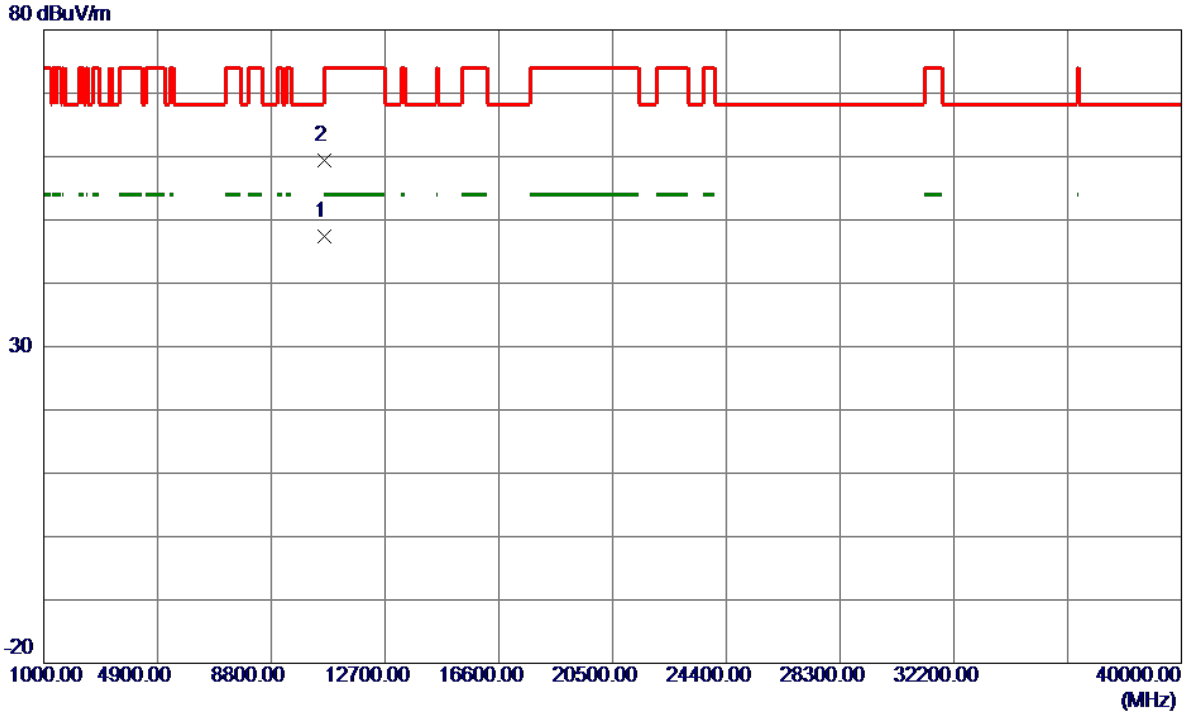
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5305.8000	54.57	41.89	96.46	999.00	-902.54	AVG	No Limit
2 *	5306.6000	62.85	41.90	104.75	68.30	36.45	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5300MHz

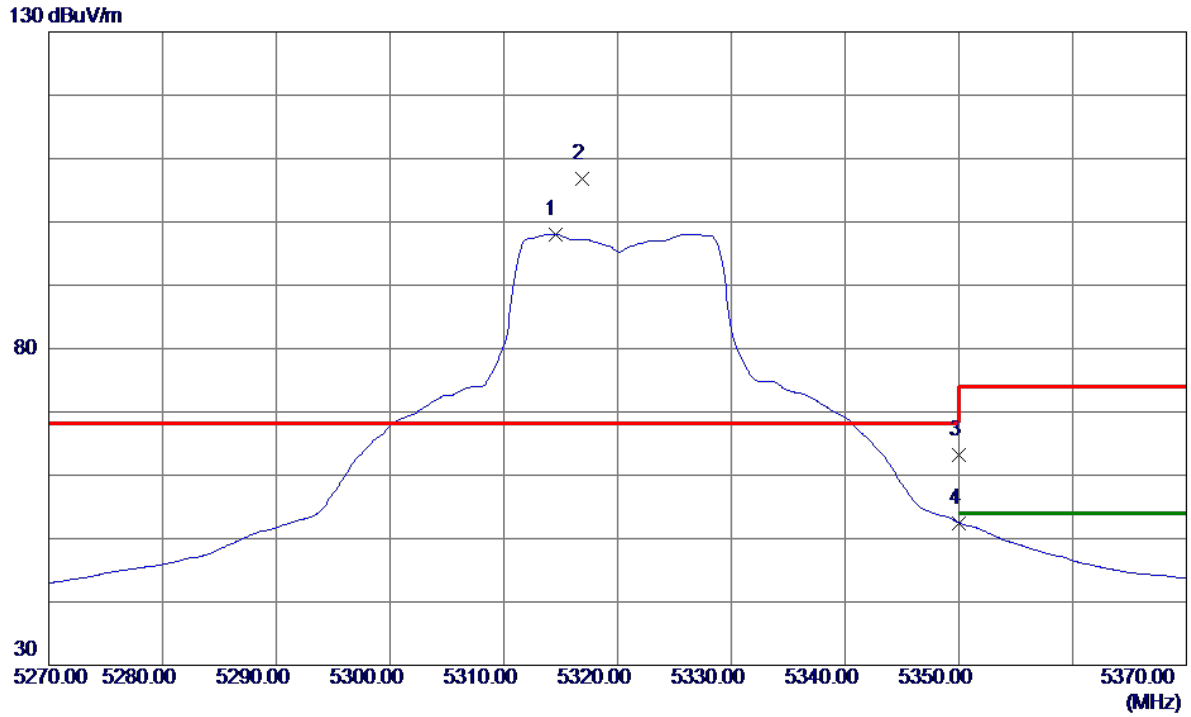
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.3000	30.91	16.57	47.48	54.00	-6.52	AVG	
2	10600.3500	42.86	16.57	59.43	74.00	-14.57	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

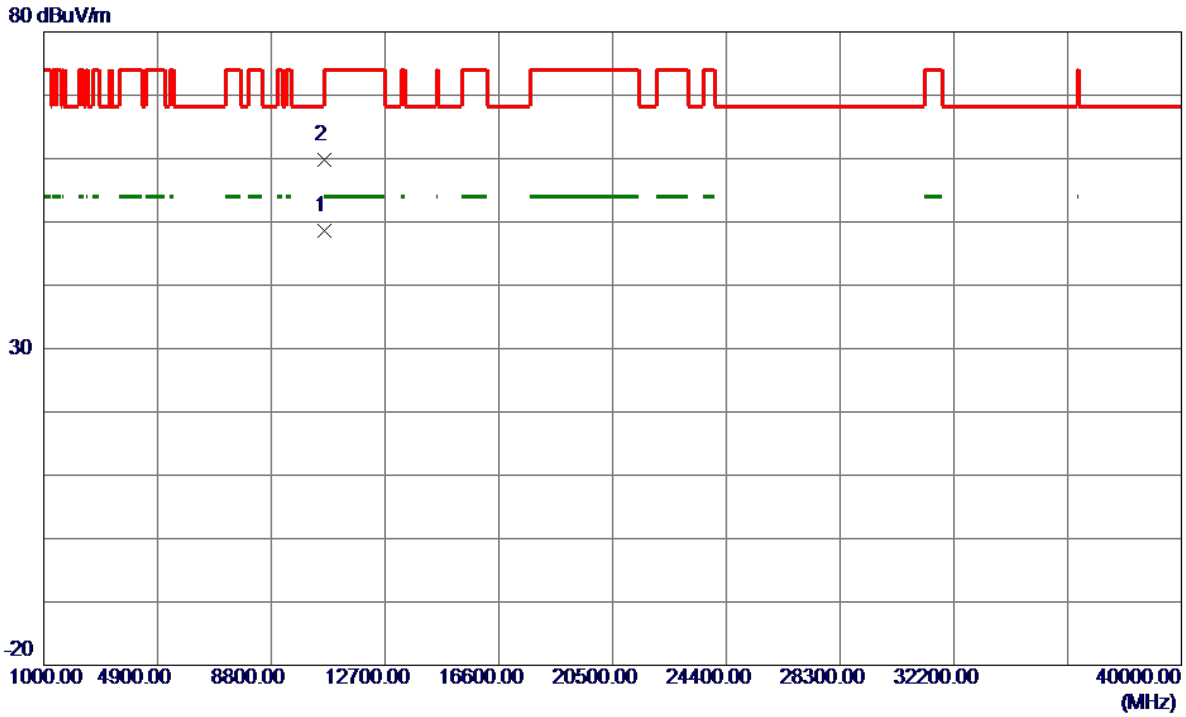
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5314.5000	56.06	41.94	98.00	999.00	-901.00	AVG	No Limit
2 *	5316.9000	64.84	41.95	106.79	68.30	38.49	Peak	No Limit
3	5350.0000	21.07	42.12	63.19	74.00	-10.81	Peak	
4	5350.0000	10.25	42.12	52.37	999.00	-946.63	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

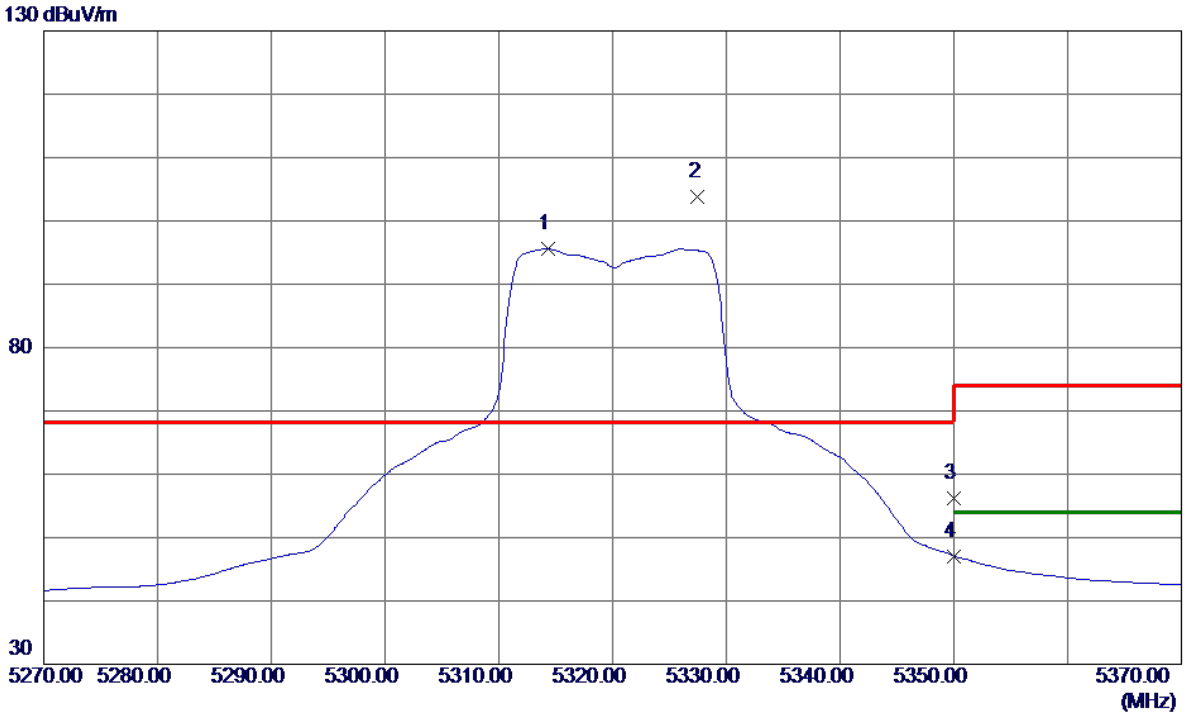
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10640.0500	32.13	16.52	48.65	54.00	-5.35	AVG	
2	10640.9000	43.22	16.51	59.73	74.00	-14.27	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

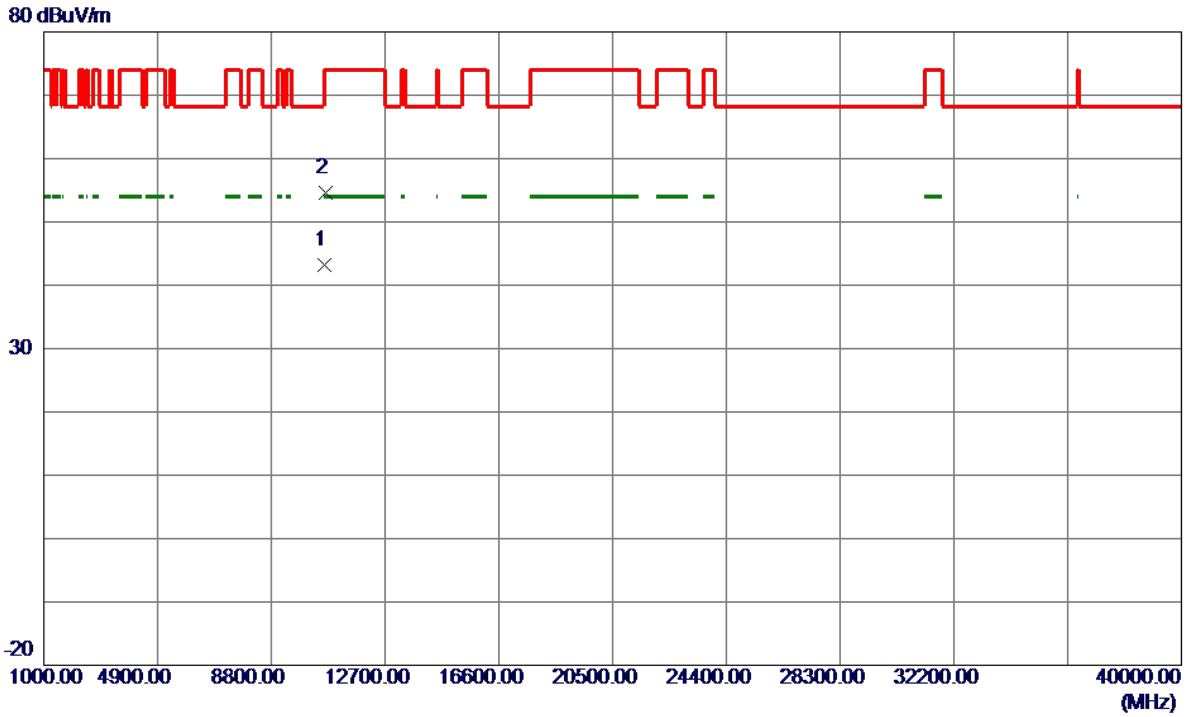
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5314.3000	53.61	41.94	95.55	999.00	-903.45	AVG	No Limit
2 *	5327.5000	61.72	42.00	103.72	68.30	35.42	Peak	No Limit
3	5350.0000	14.11	42.12	56.23	74.00	-17.77	Peak	
4	5350.0000	4.90	42.12	47.02	999.00	-951.98	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

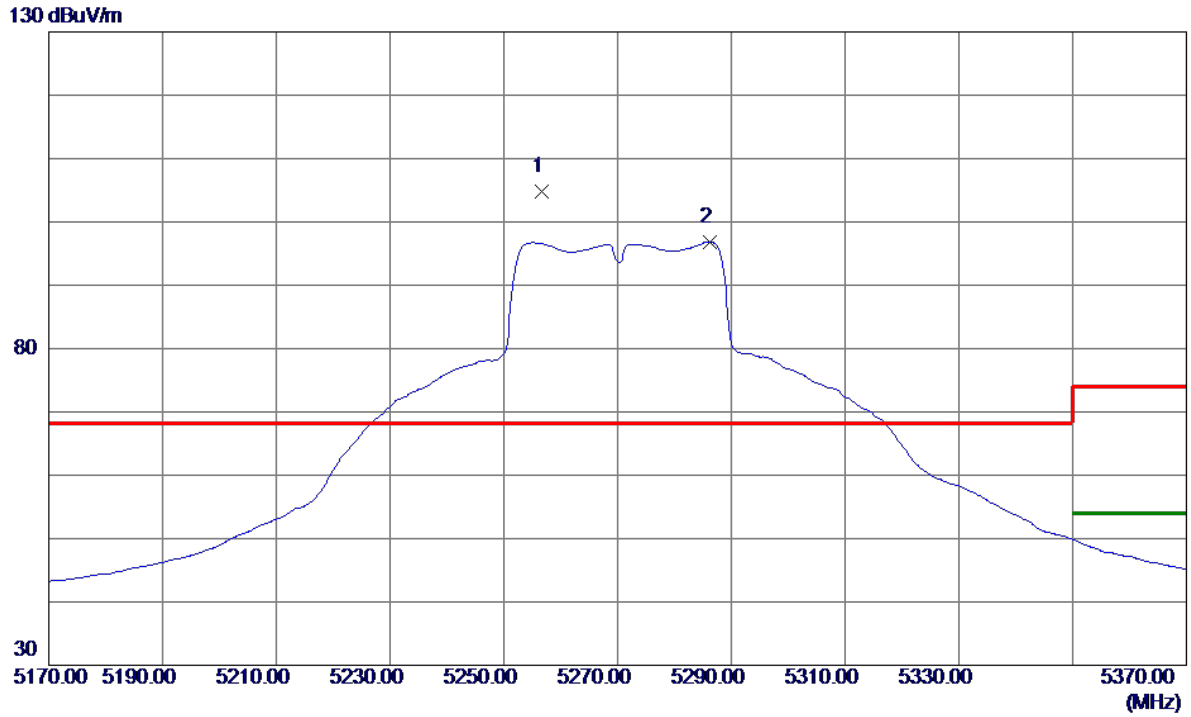
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10640.2000	26.70	16.52	43.22	54.00	-10.78	AVG	
2	10643.0500	38.06	16.51	54.57	74.00	-19.43	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

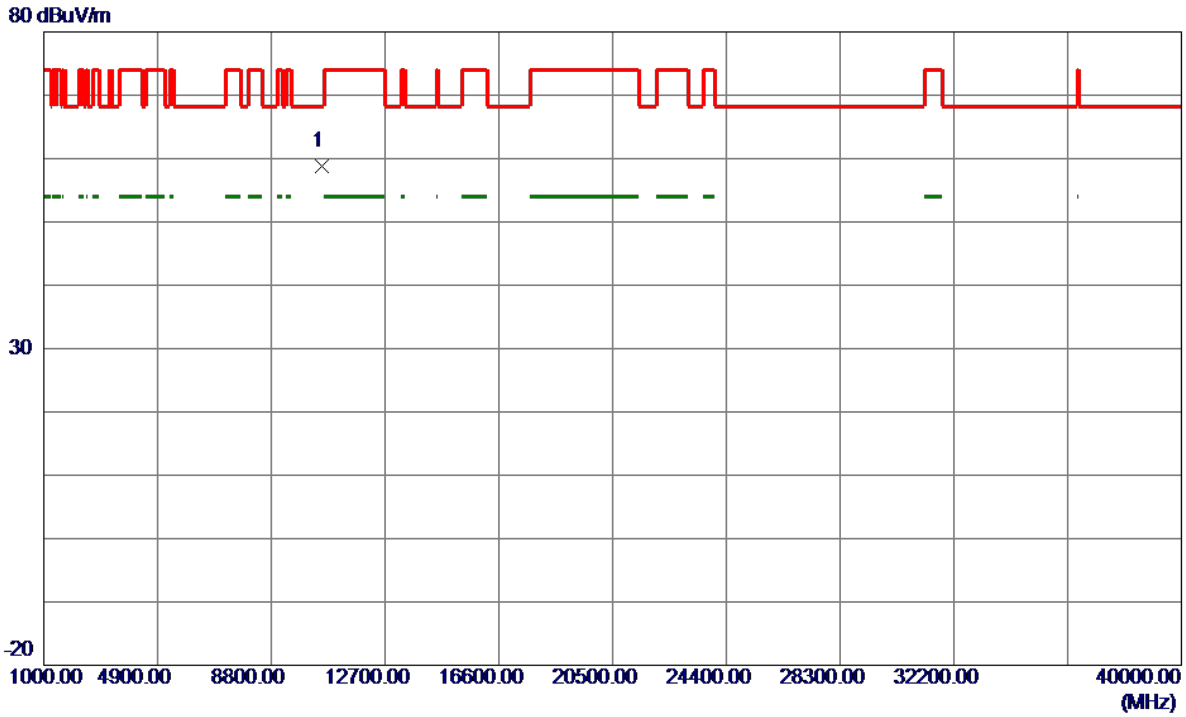
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5256.6000	63.13	41.64	104.77	68.30	36.47	Peak	No Limit
2	5286.2000	55.01	41.79	96.80	999.00	-902.20	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

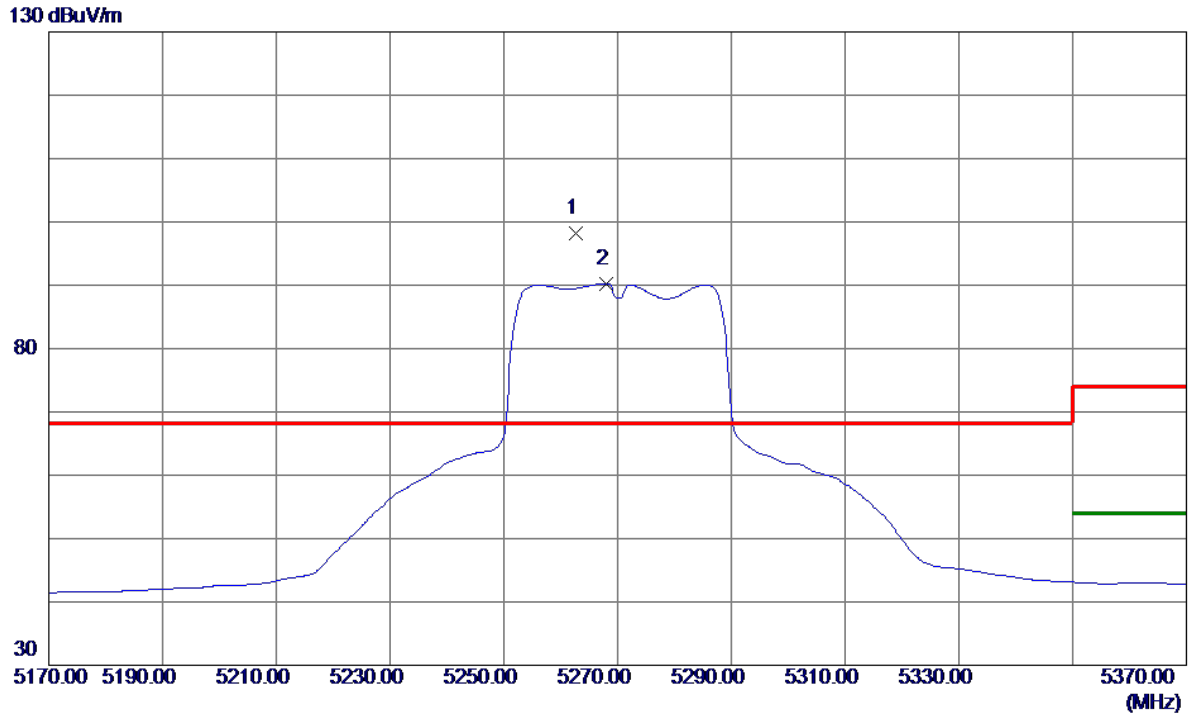
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10541.0000	42.19	16.65	58.84	68.30	-9.46	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

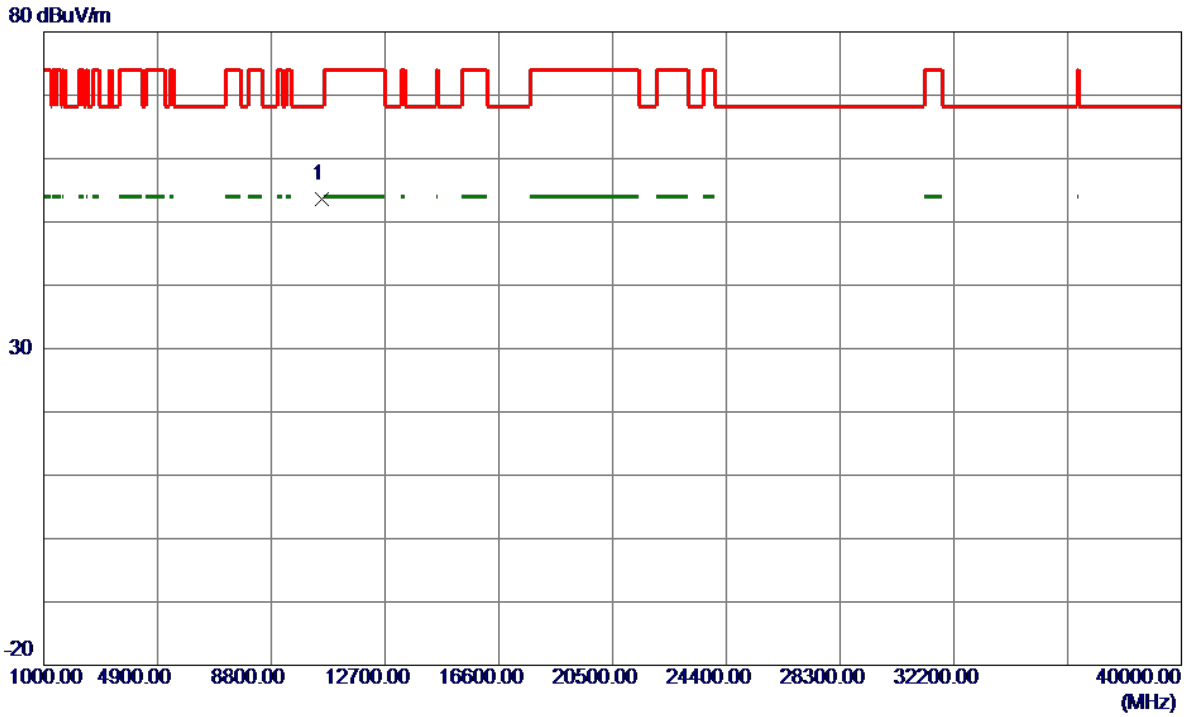
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5262.6000	56.59	41.67	98.26	68.30	29.96	Peak	No Limit
2	5268.0000	48.58	41.70	90.28	999.00	-908.72	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

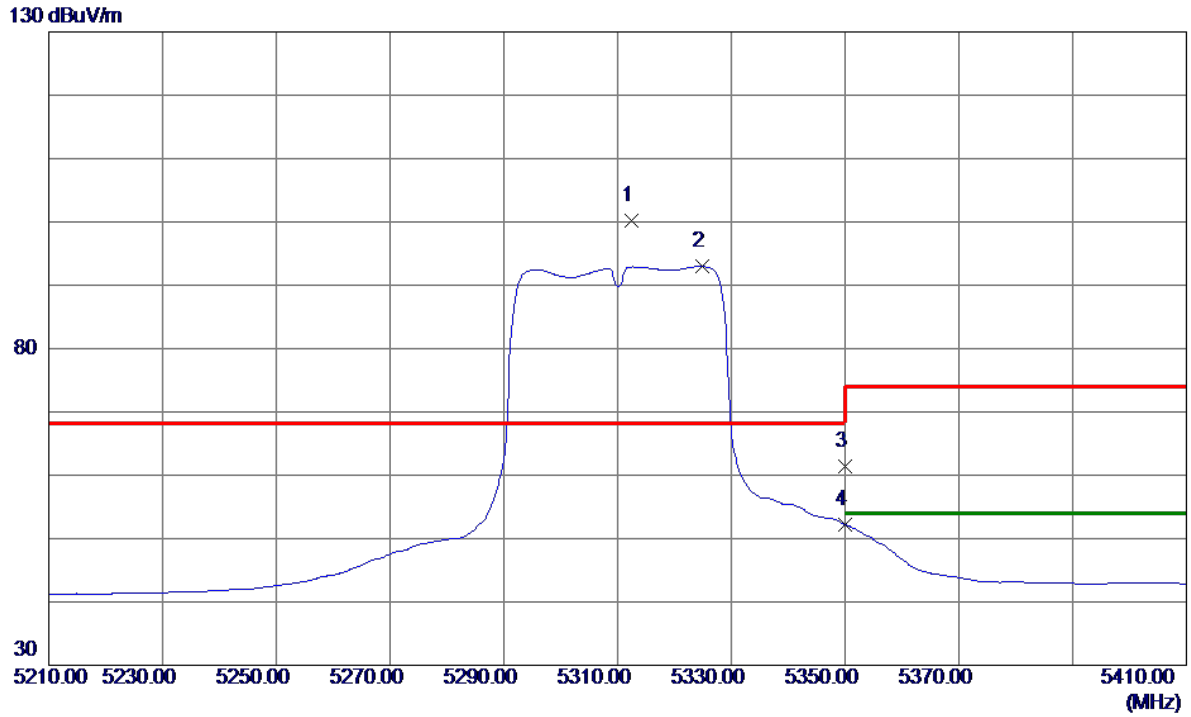
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10541.3000	36.86	16.65	53.51	68.30	-14.79	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

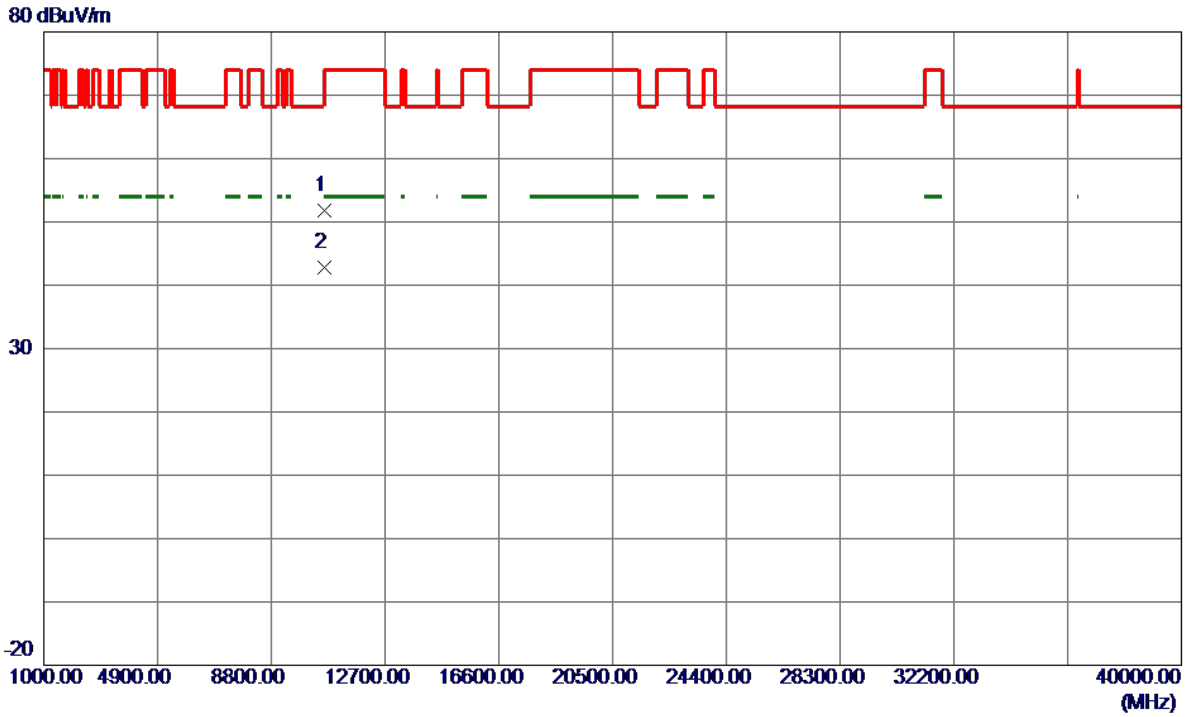
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5312.4000	58.30	41.93	100.23	68.30	31.93	Peak	No Limit
2	5324.8000	50.99	41.99	92.98	999.00	-906.02	AVG	No Limit
3	5350.0000	19.26	42.12	61.38	74.00	-12.62	Peak	
4	5350.0000	10.01	42.12	52.13	999.00	-946.87	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

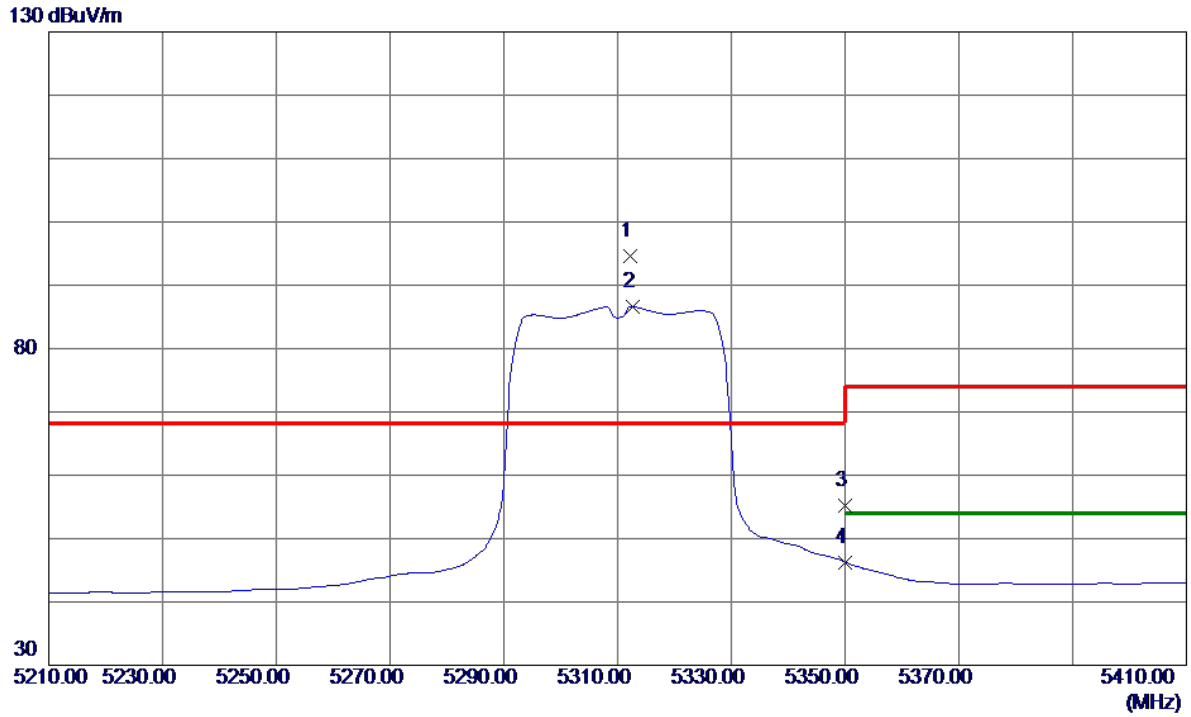
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.6000	35.20	16.54	51.74	74.00	-22.26	Peak	
2 *	10620.0000	26.18	16.54	42.72	54.00	-11.28	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

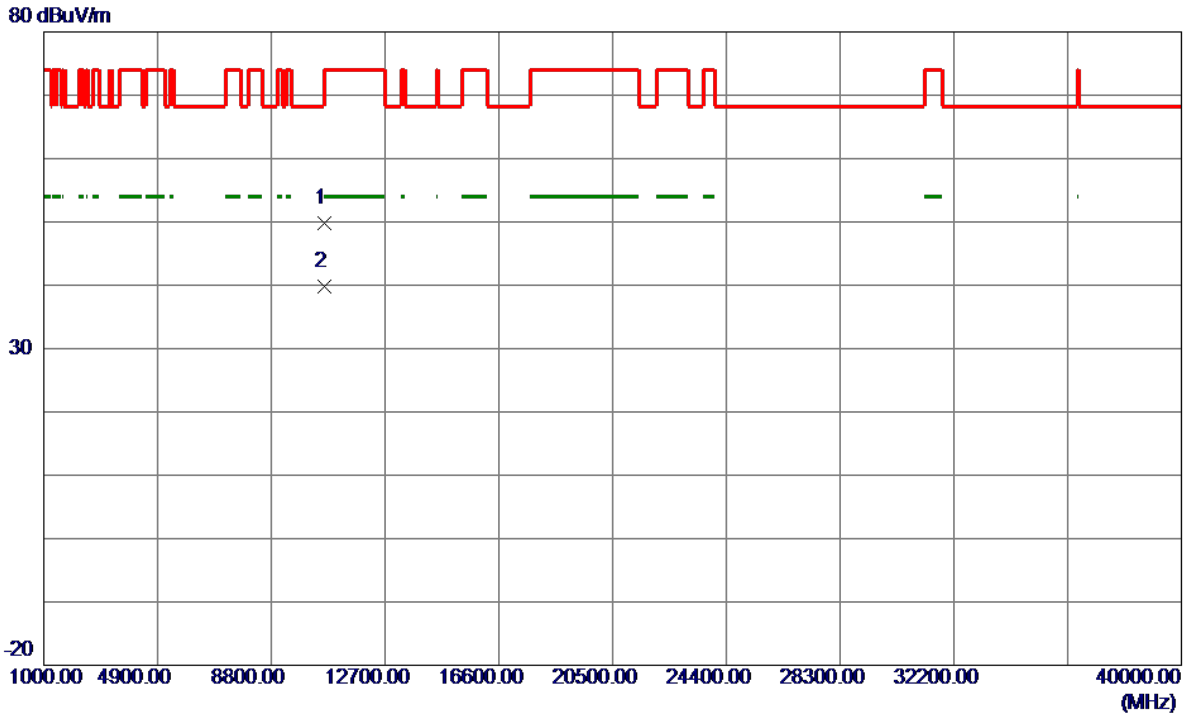
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5312.2000	52.66	41.93	94.59	68.30	26.29	Peak	No Limit
2	5312.6000	44.73	41.93	86.66	999.00	-912.34	AVG	No Limit
3	5350.0000	13.08	42.12	55.20	74.00	-18.80	Peak	
4	5350.0000	4.14	42.12	46.26	999.00	-952.74	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5310MHz

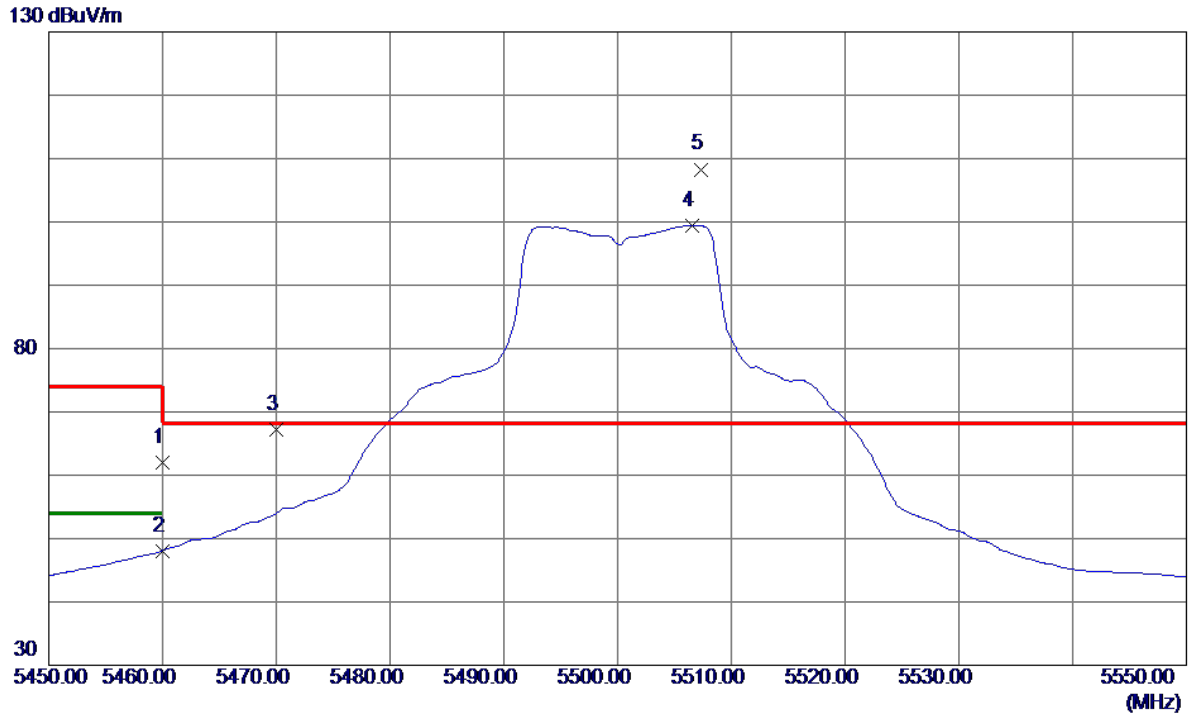
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10619.4000	33.26	16.54	49.80	74.00	-24.20	Peak	
2 *	10620.3000	23.28	16.54	39.82	54.00	-14.18	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

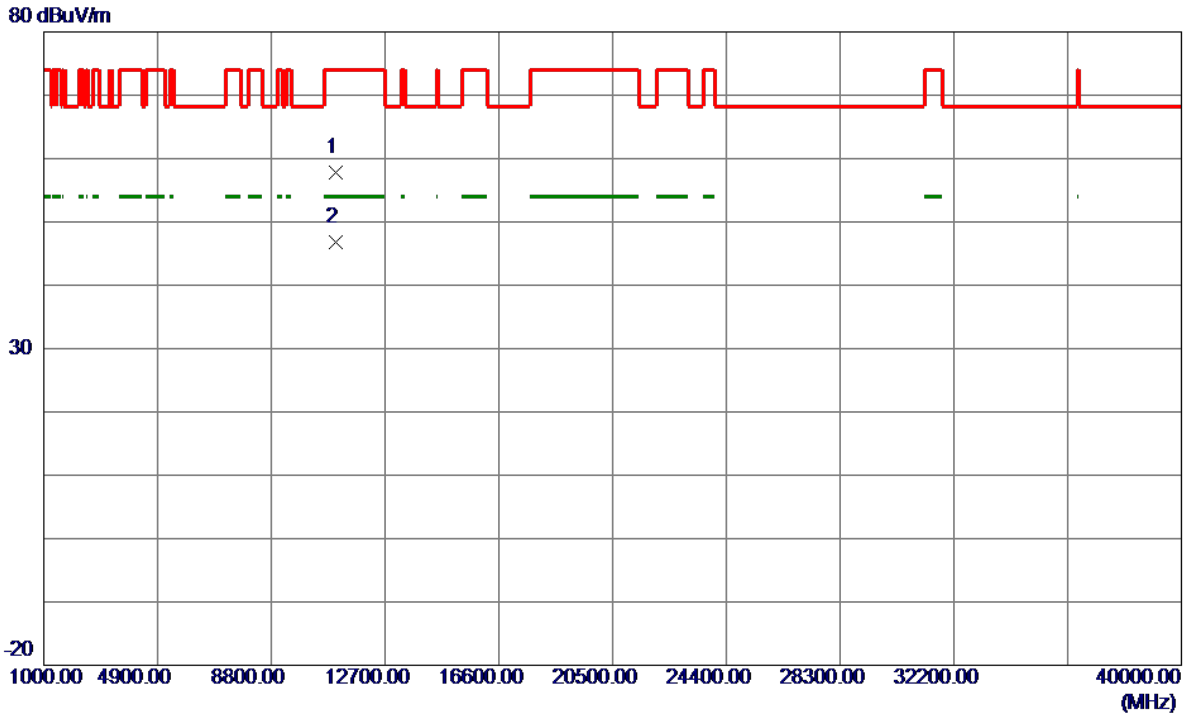
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	19.39	42.68	62.07	74.00	-11.93	Peak	
2	5460.0000	5.28	42.68	47.96	54.00	-6.04	AVG	
3	5470.0000	24.43	42.73	67.16	68.30	-1.14	Peak	
4	5506.6000	56.52	42.90	99.42	999.00	-899.58	AVG	No Limit
5 *	5507.3000	65.40	42.90	108.30	68.30	40.00	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

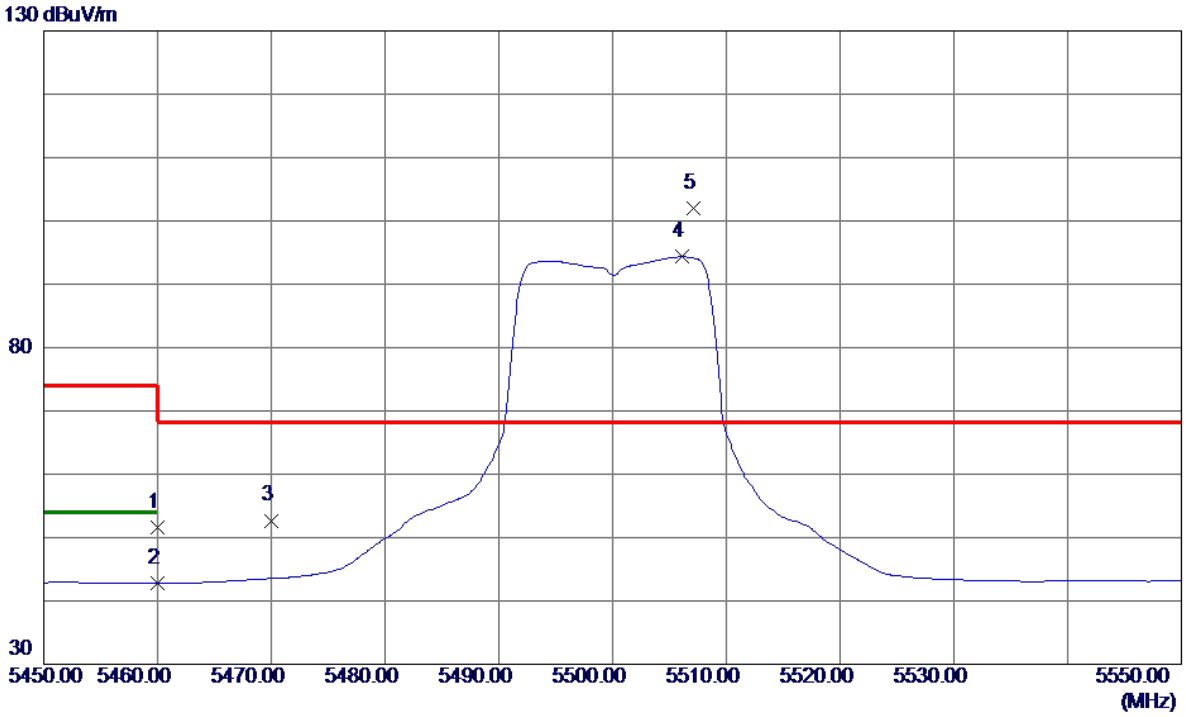
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10994.7000	41.78	16.04	57.82	74.00	-16.18	Peak	
2 *	11000.4000	30.70	16.03	46.73	54.00	-7.27	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

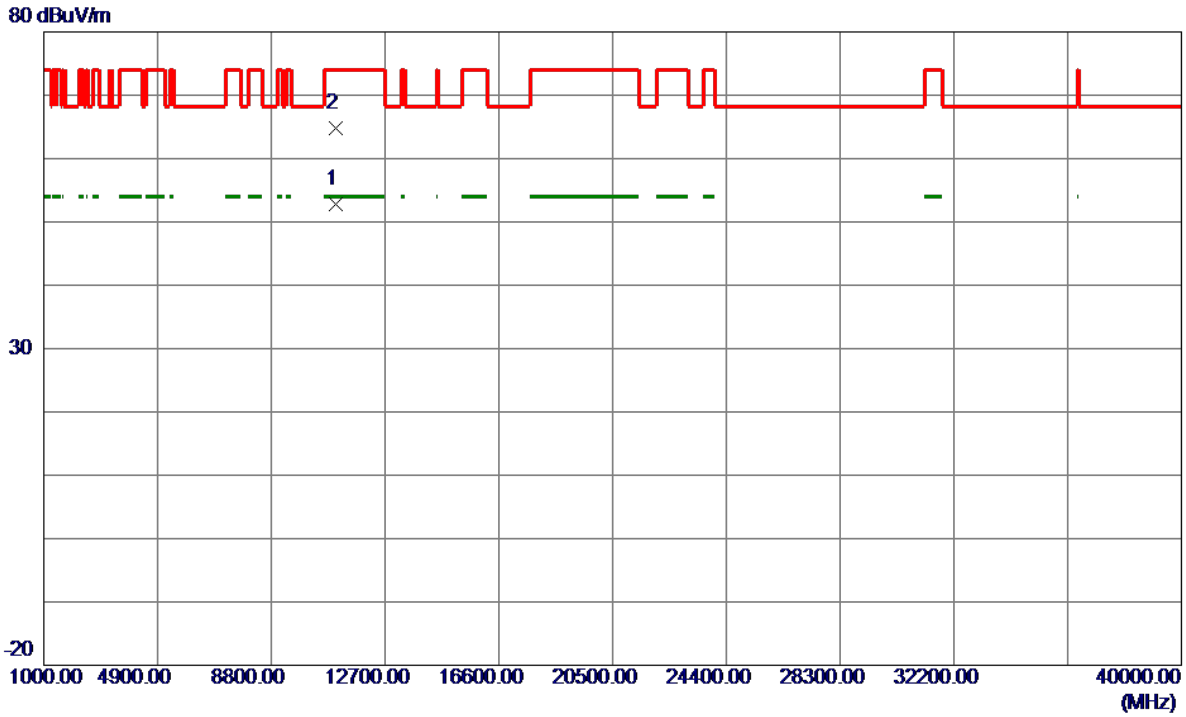
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	8.94	42.68	51.62	74.00	-22.38	Peak	
2	5460.0000	0.14	42.68	42.82	54.00	-11.18	AVG	
3	5470.0000	9.97	42.73	52.70	68.30	-15.60	Peak	
4	5506.1000	51.44	42.90	94.34	999.00	-904.66	AVG	No Limit
5 *	5507.1000	59.07	42.90	101.97	68.30	33.67	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5500MHz

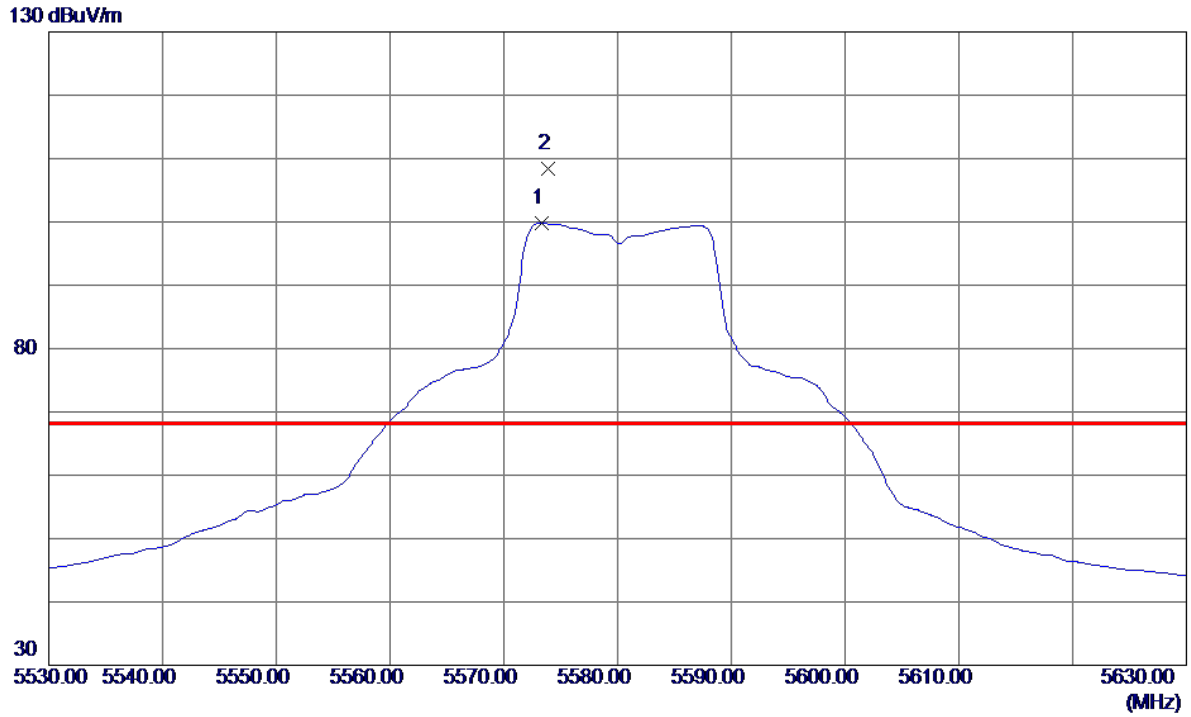
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11000.3000	36.70	16.03	52.73	54.00	-1.27	AVG	
2	11002.4000	48.77	16.04	64.81	74.00	-9.19	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

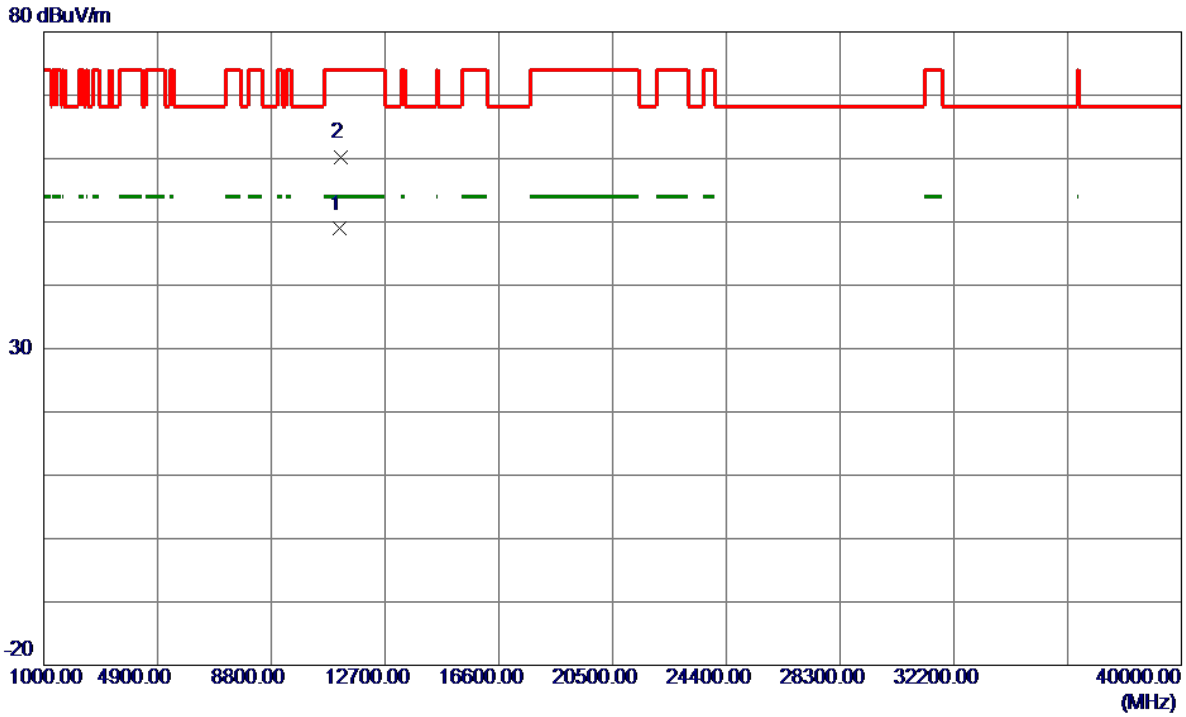
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5573.3000	56.70	43.10	99.80	999.00	-899.20	AVG	No Limit
2 *	5573.9000	65.28	43.10	108.38	68.30	40.08	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

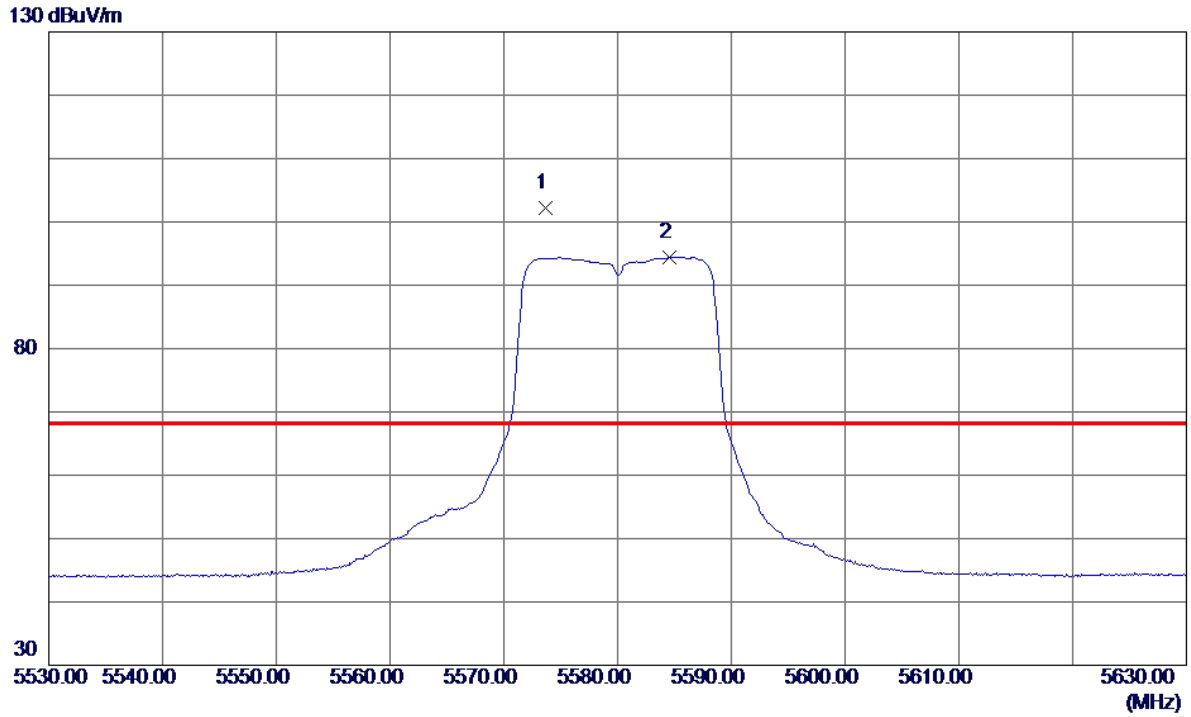
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.0500	32.31	16.59	48.90	54.00	-5.10	AVG	
2	11161.9000	43.53	16.60	60.13	74.00	-13.87	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

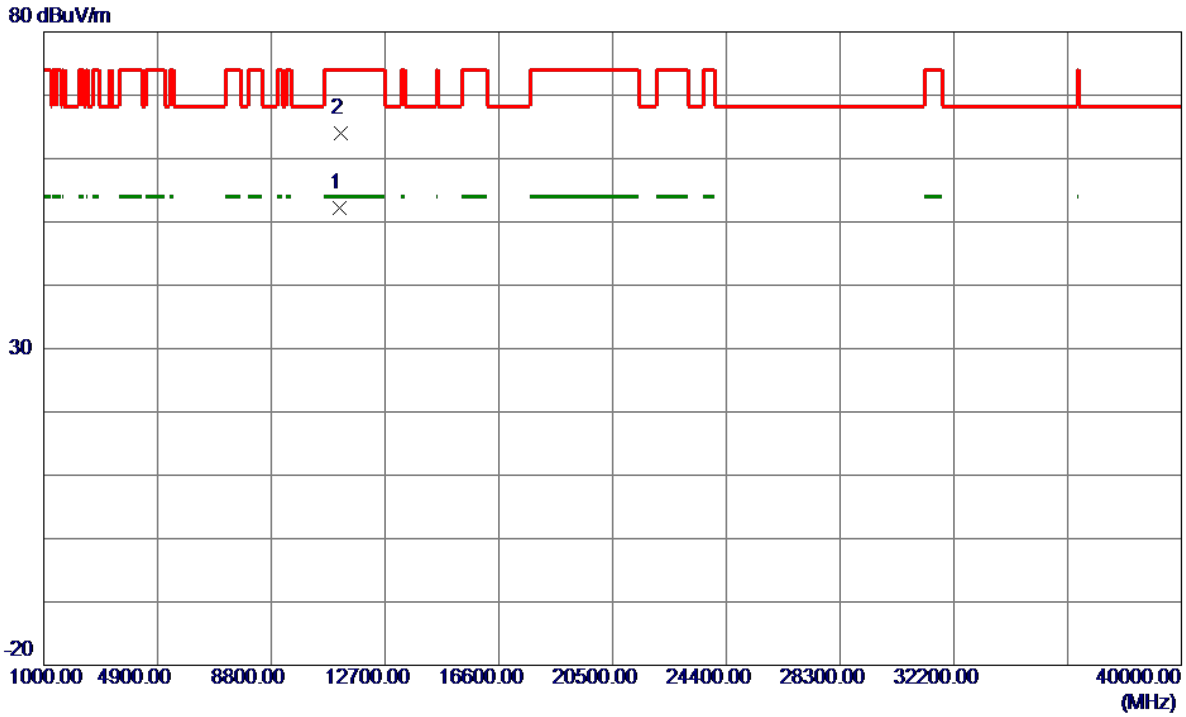
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5573.7000	59.12	43.10	102.22	68.30	33.92	Peak	No Limit
2	5584.6000	51.23	43.14	94.37	999.00	-904.63	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5580MHz

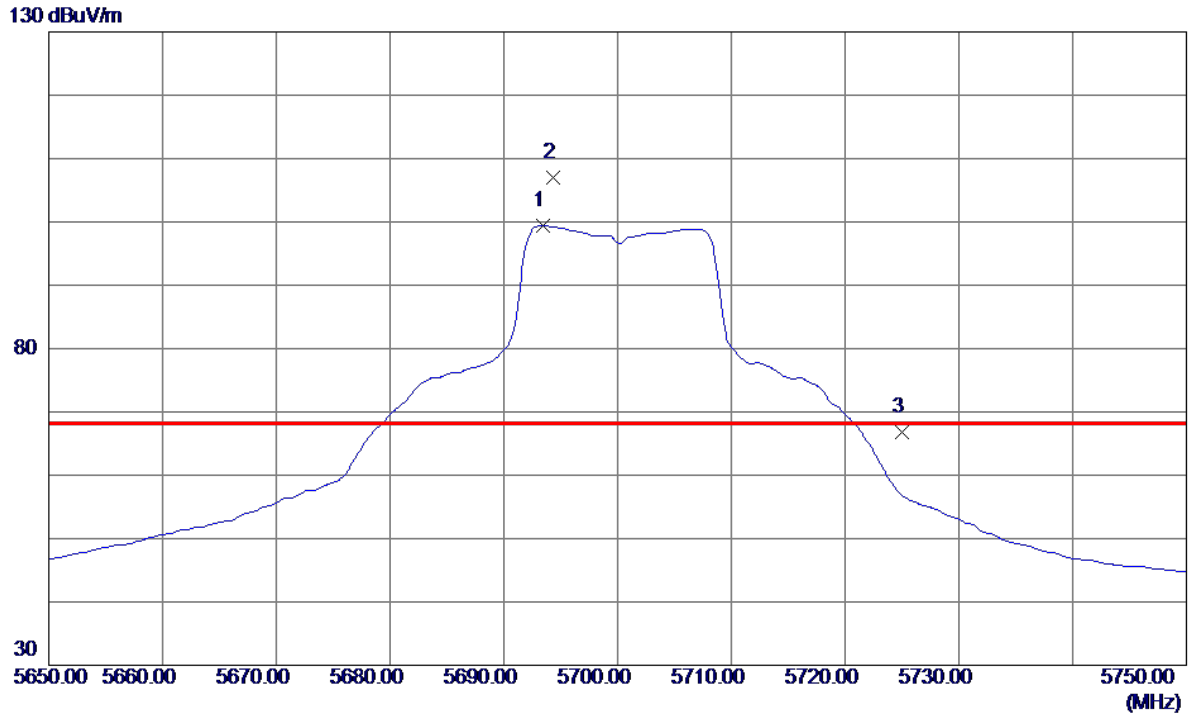
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.1500	35.60	16.59	52.19	54.00	-1.81	AVG	
2	11162.5000	47.48	16.60	64.08	74.00	-9.92	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

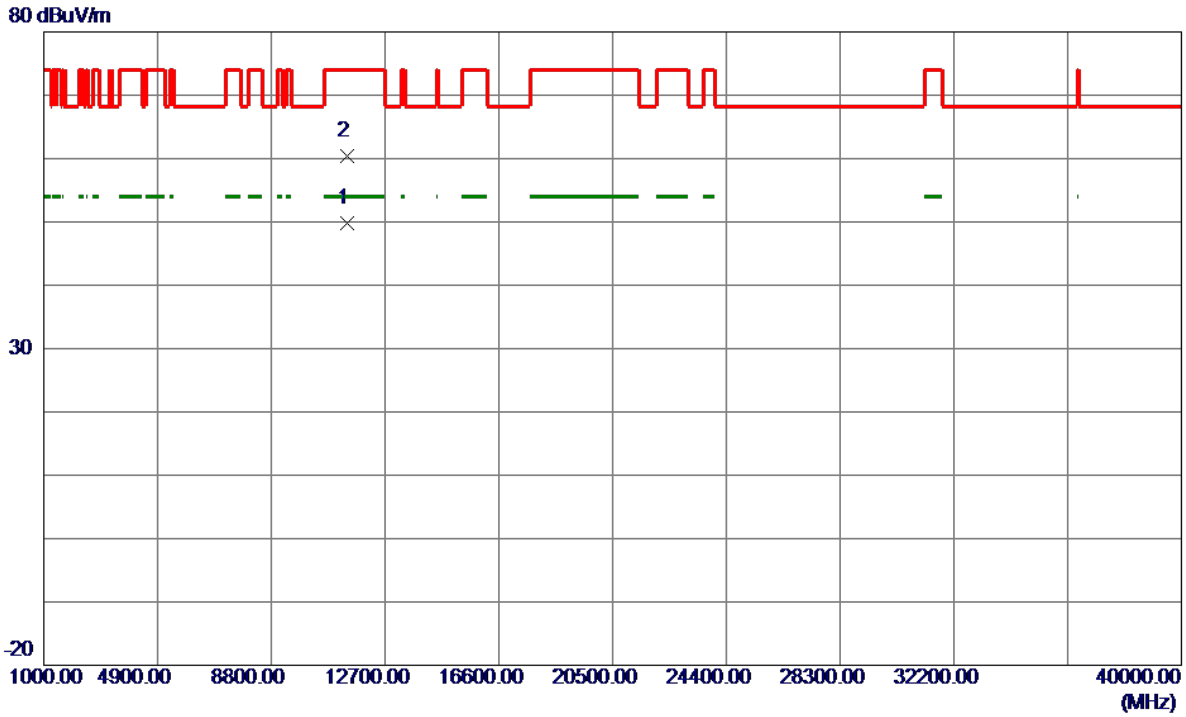
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5693.4000	55.99	43.46	99.45	999.00	-899.55	AVG	No Limit
2 *	5694.3000	63.59	43.47	107.06	68.30	38.76	Peak	No Limit
3	5725.0000	23.26	43.56	66.82	68.30	-1.48	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

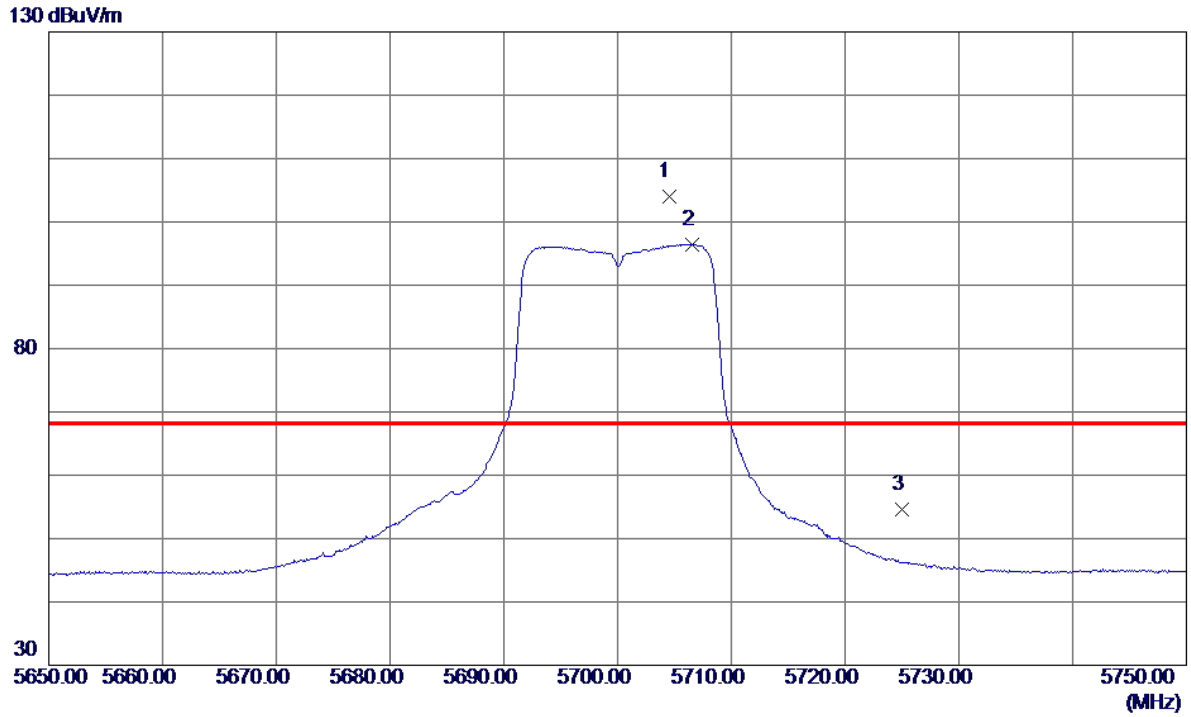
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11400.1000	32.45	17.43	49.88	54.00	-4.12	AVG	
2	11402.0500	43.03	17.44	60.47	74.00	-13.53	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

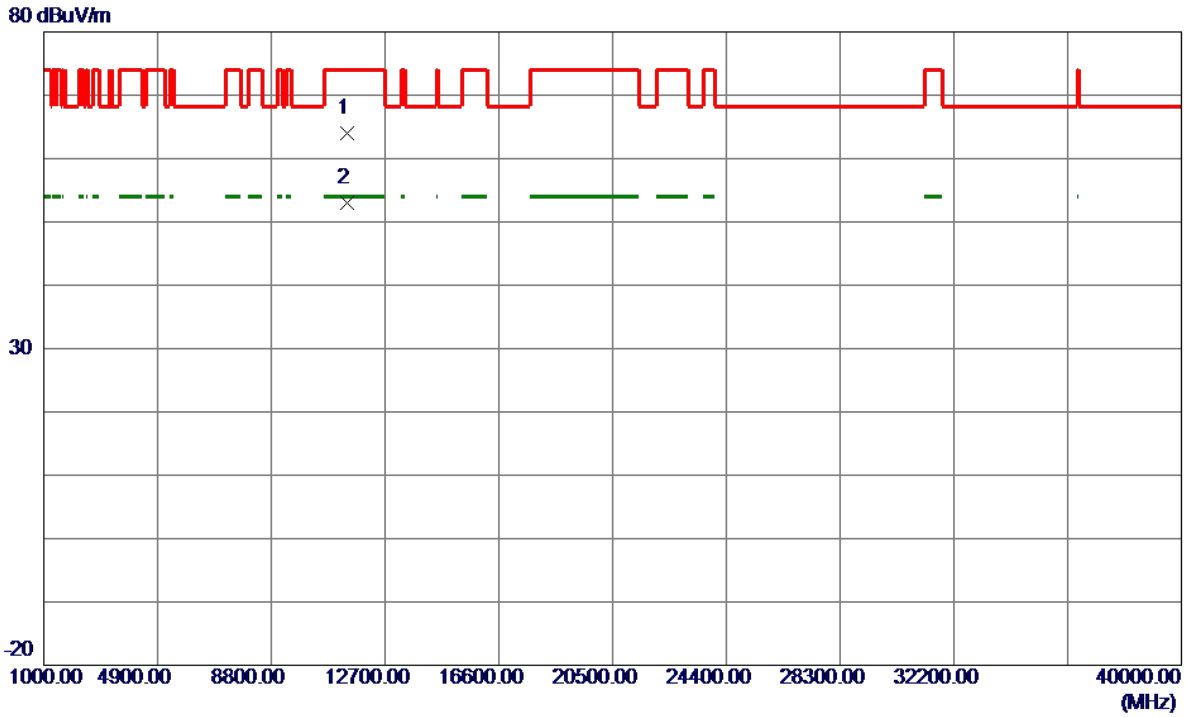
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5704.5000	60.52	43.50	104.02	68.30	35.72	Peak	No Limit
2	5706.6000	52.97	43.50	96.47	999.00	-902.53	AVG	No Limit
3	5725.0000	10.98	43.56	54.54	68.30	-13.76	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

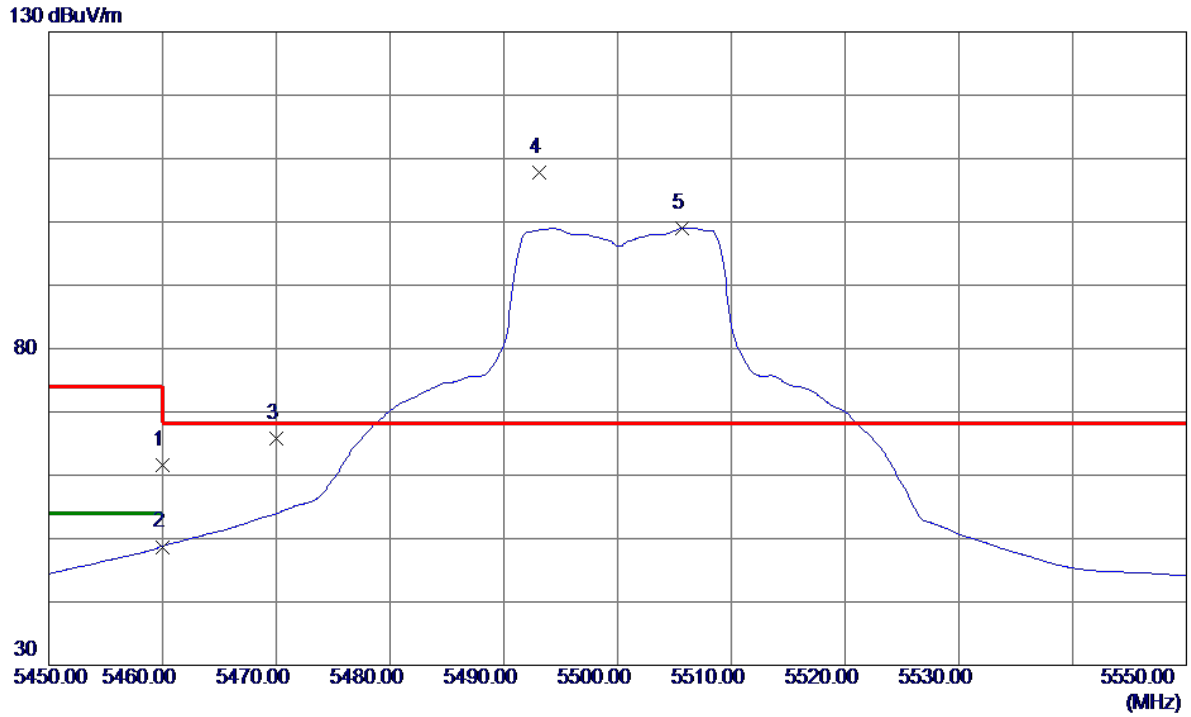
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11396.4500	46.62	17.42	64.04	74.00	-9.96	Peak	
2 *	11400.1500	35.54	17.43	52.97	54.00	-1.03	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

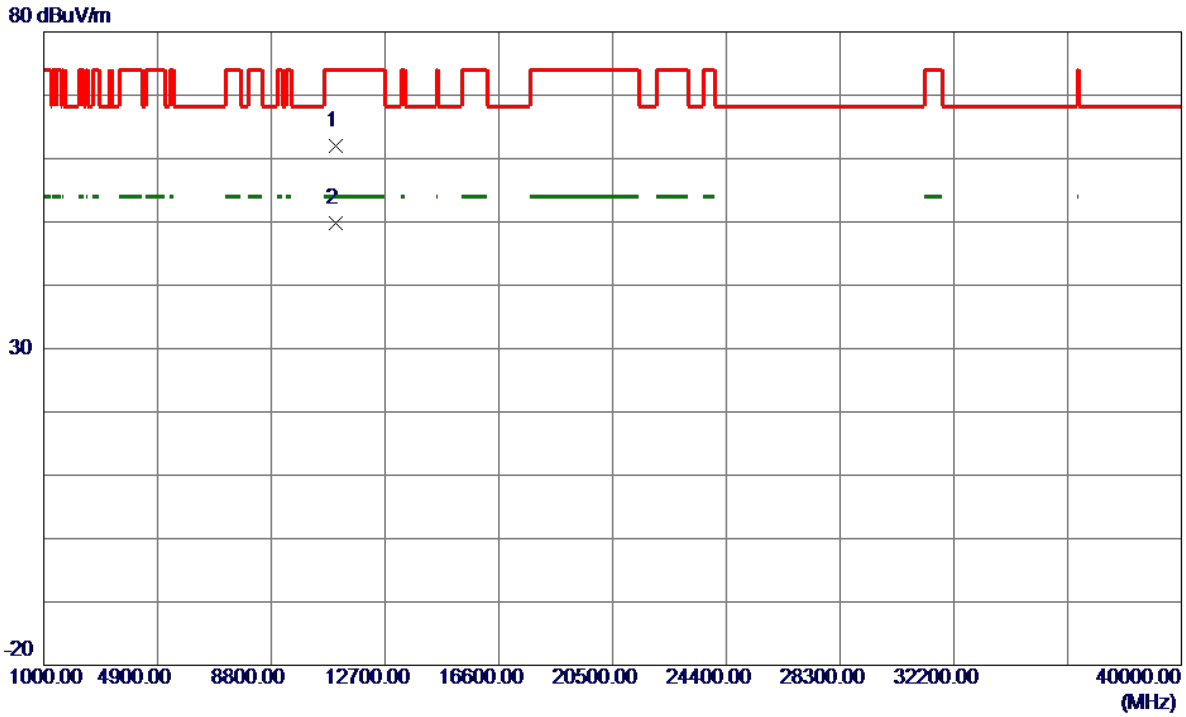
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	18.88	42.68	61.56	74.00	-12.44	Peak	
2	5460.0000	6.02	42.68	48.70	54.00	-5.30	AVG	
3	5470.0000	23.02	42.73	65.75	68.30	-2.55	Peak	
4 *	5493.1000	64.91	42.84	107.75	68.30	39.45	Peak	No Limit
5	5505.7000	56.09	42.90	98.99	999.00	-900.01	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

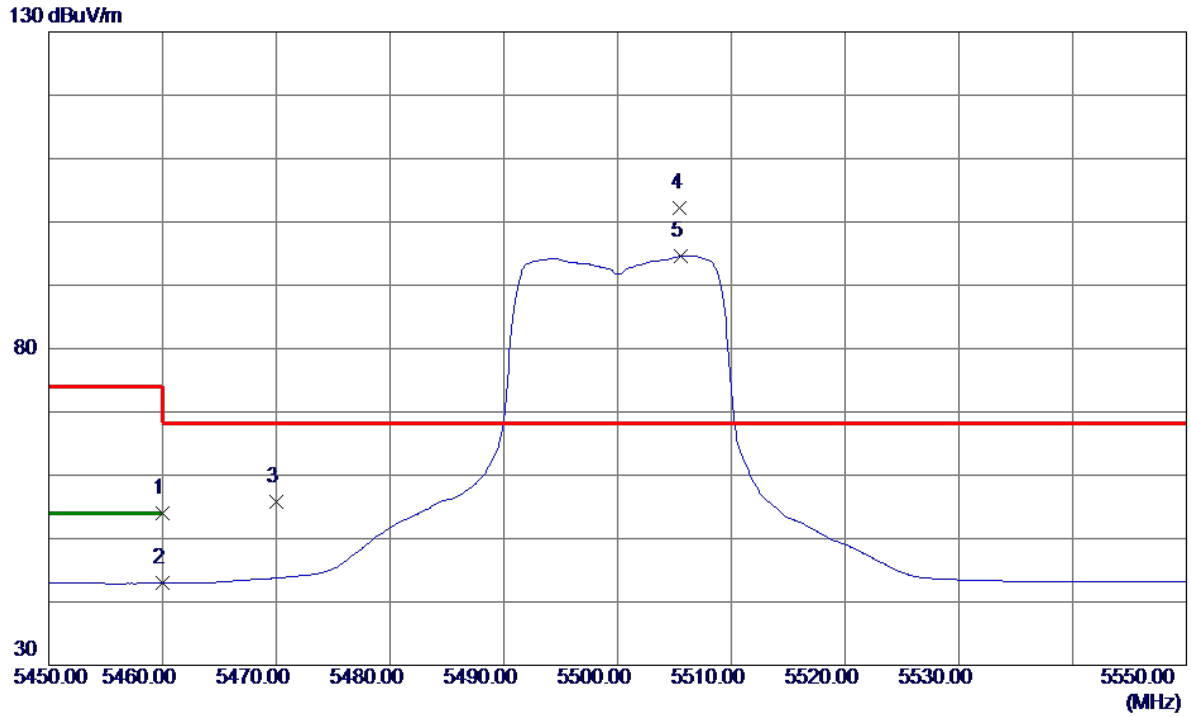
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.2000	45.98	16.03	62.01	74.00	-11.99	Peak	
2 *	11000.9500	33.77	16.03	49.80	54.00	-4.20	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

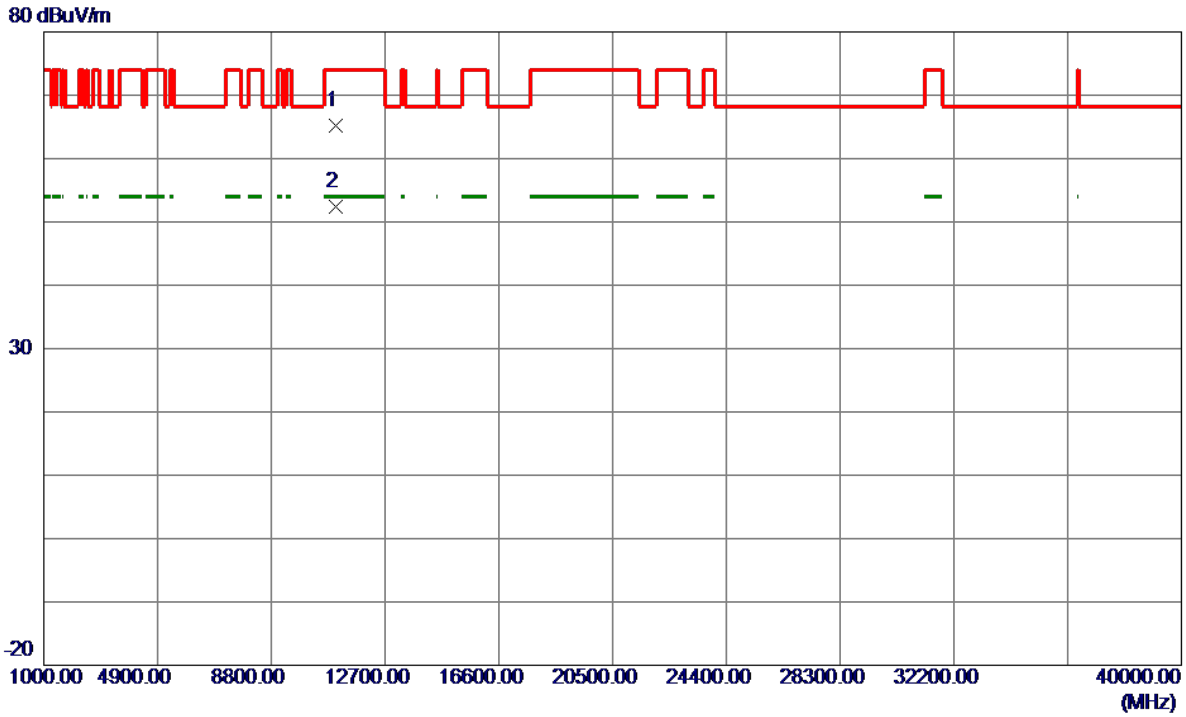
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	11.23	42.68	53.91	74.00	-20.09	Peak	
2	5460.0000	0.23	42.68	42.91	54.00	-11.09	AVG	
3	5470.0000	13.05	42.73	55.78	68.30	-12.52	Peak	
4 *	5505.5000	59.37	42.90	102.27	68.30	33.97	Peak	No Limit
5	5505.6000	51.74	42.90	94.64	999.00	-904.36	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5500MHz

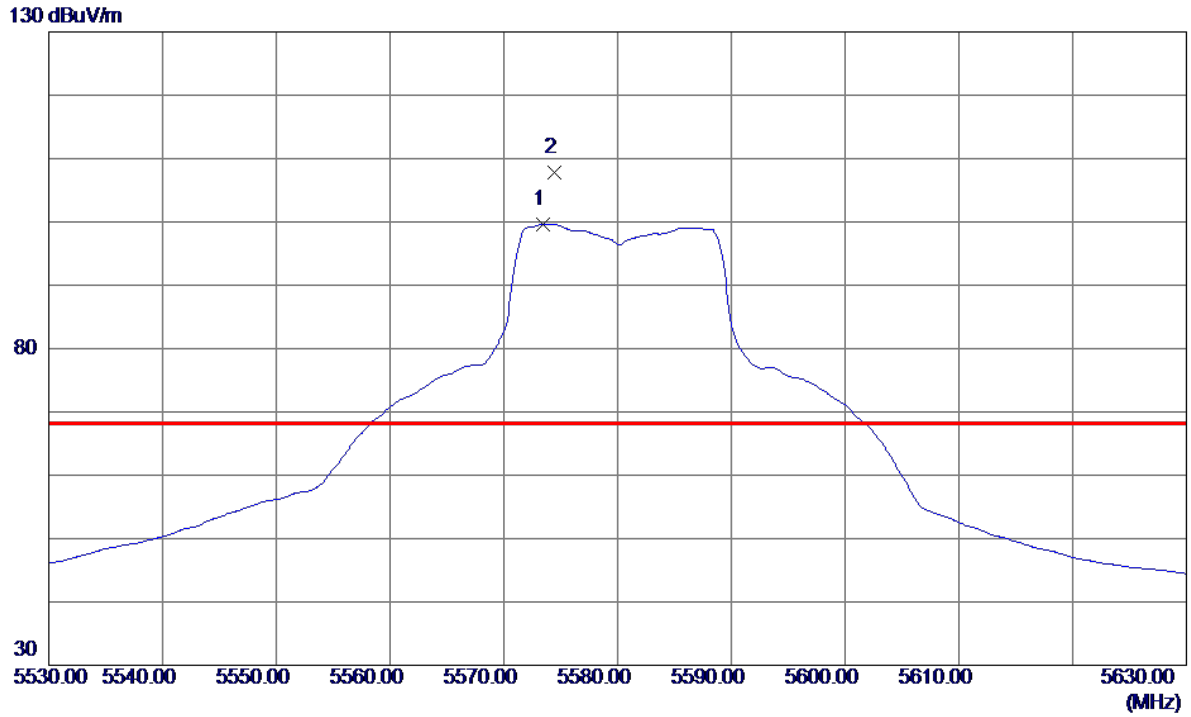
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.2500	49.11	16.03	65.14	74.00	-8.86	Peak	
2 *	11000.0500	36.39	16.03	52.42	54.00	-1.58	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

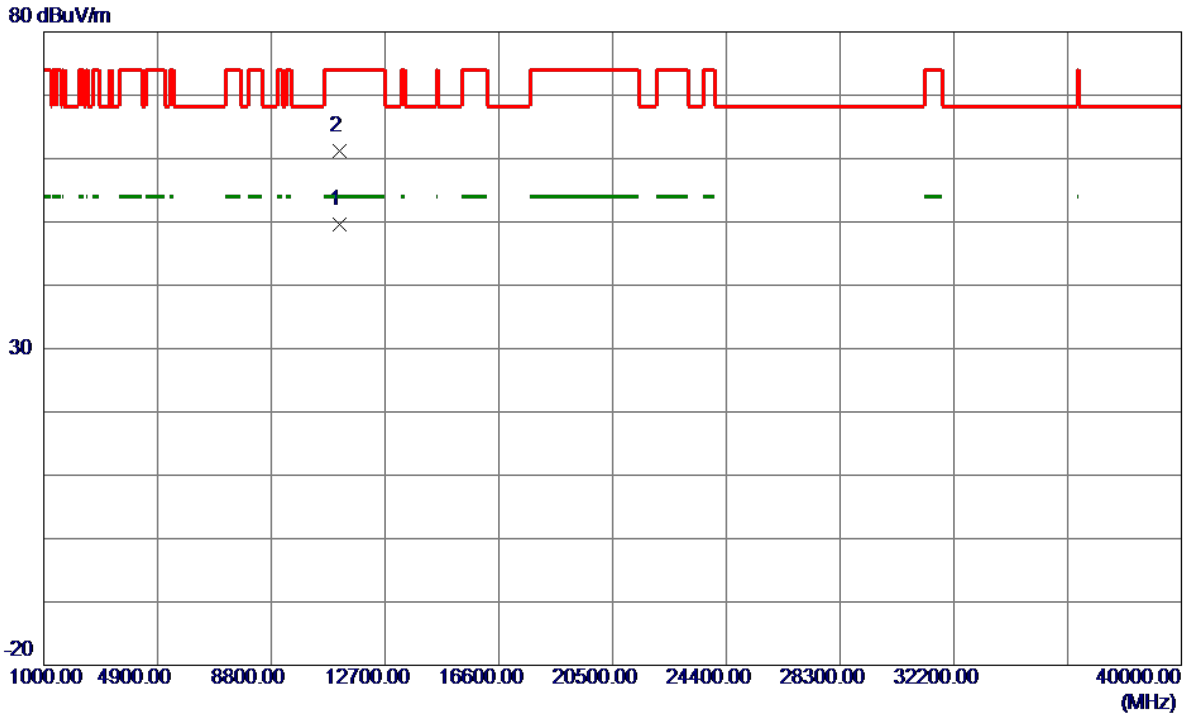
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5573.4000	56.54	43.10	99.64	999.00	-899.36	AVG	No Limit
2 *	5574.4000	64.71	43.10	107.81	68.30	39.51	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

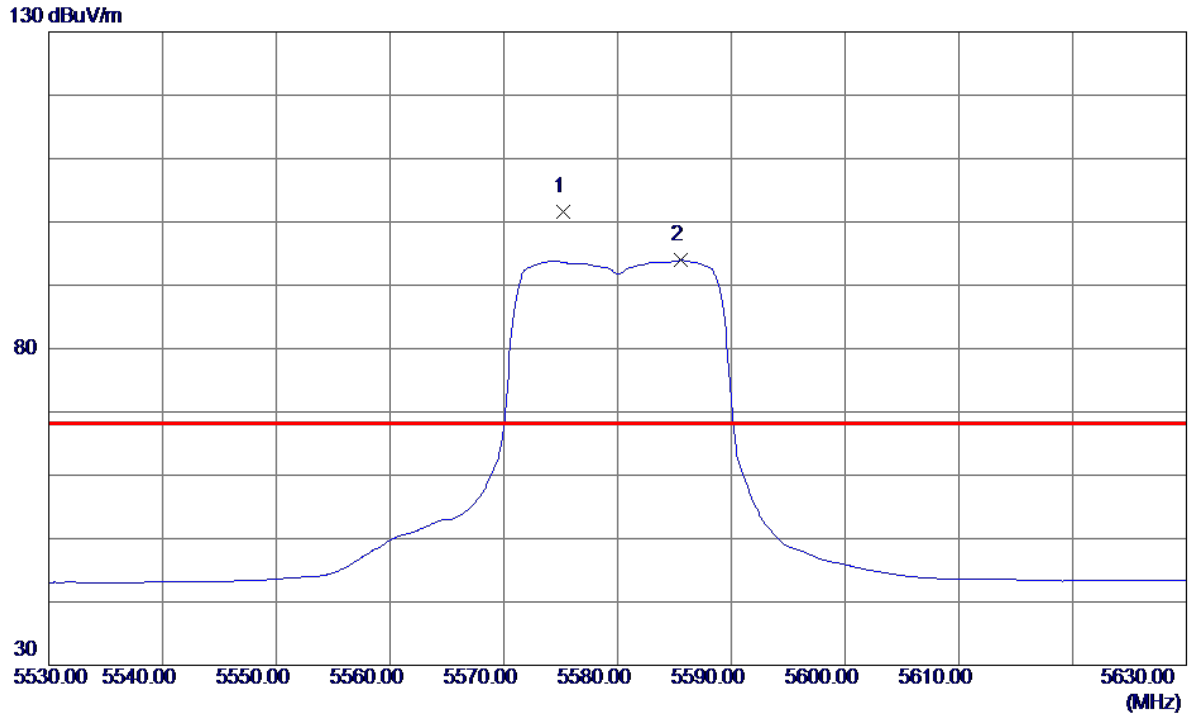
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11160.0000	33.03	16.59	49.62	54.00	-4.38	AVG	
2	11160.1500	44.68	16.59	61.27	74.00	-12.73	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

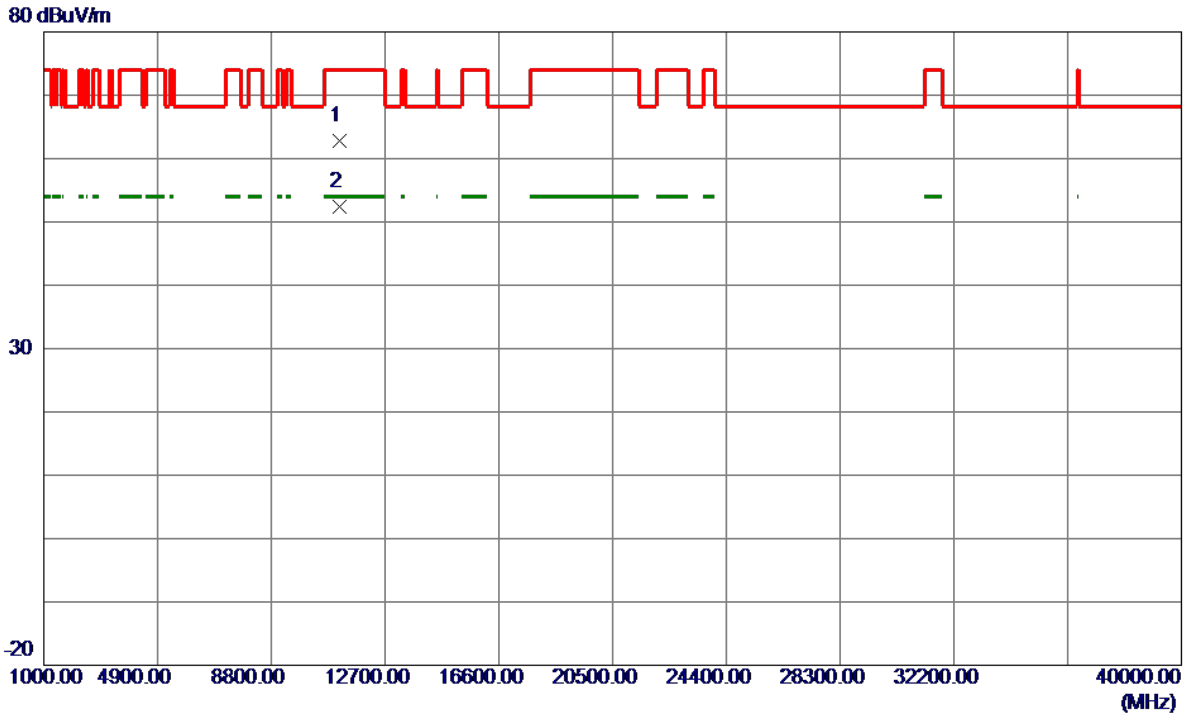
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5575.2000	58.55	43.11	101.66	68.30	33.36	Peak	No Limit
2	5585.6000	50.80	43.14	93.94	999.00	-905.06	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5580MHz

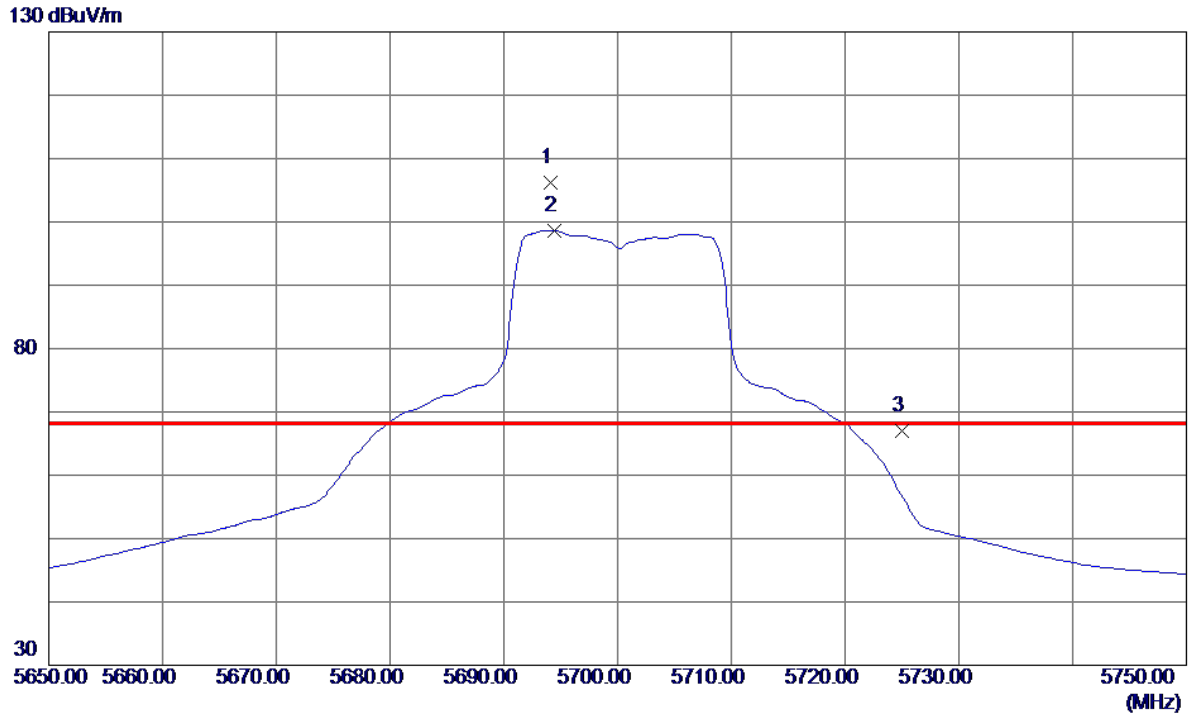
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11153.6500	46.31	16.57	62.88	74.00	-11.12	Peak	
2 *	11160.0000	35.74	16.59	52.33	54.00	-1.67	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

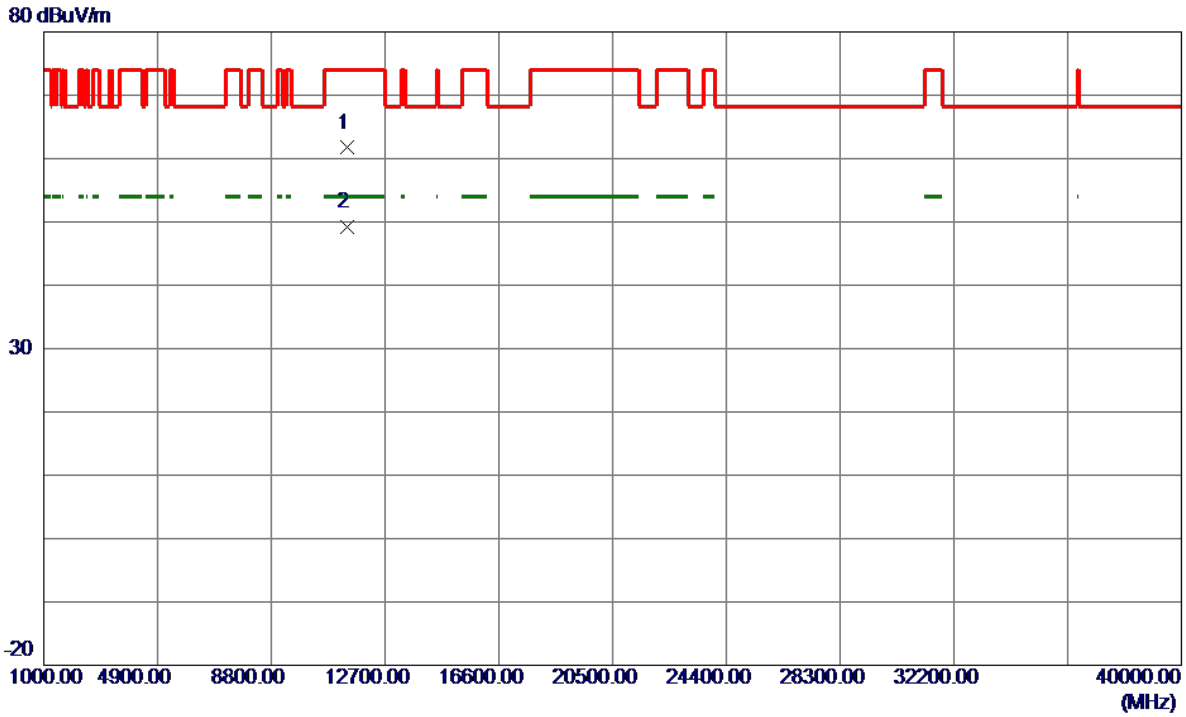
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5694.1000	62.75	43.47	106.22	68.30	37.92	Peak	No Limit
2	5694.4000	55.13	43.47	98.60	999.00	-900.40	AVG	No Limit
3	5725.0000	23.48	43.56	67.04	68.30	-1.26	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

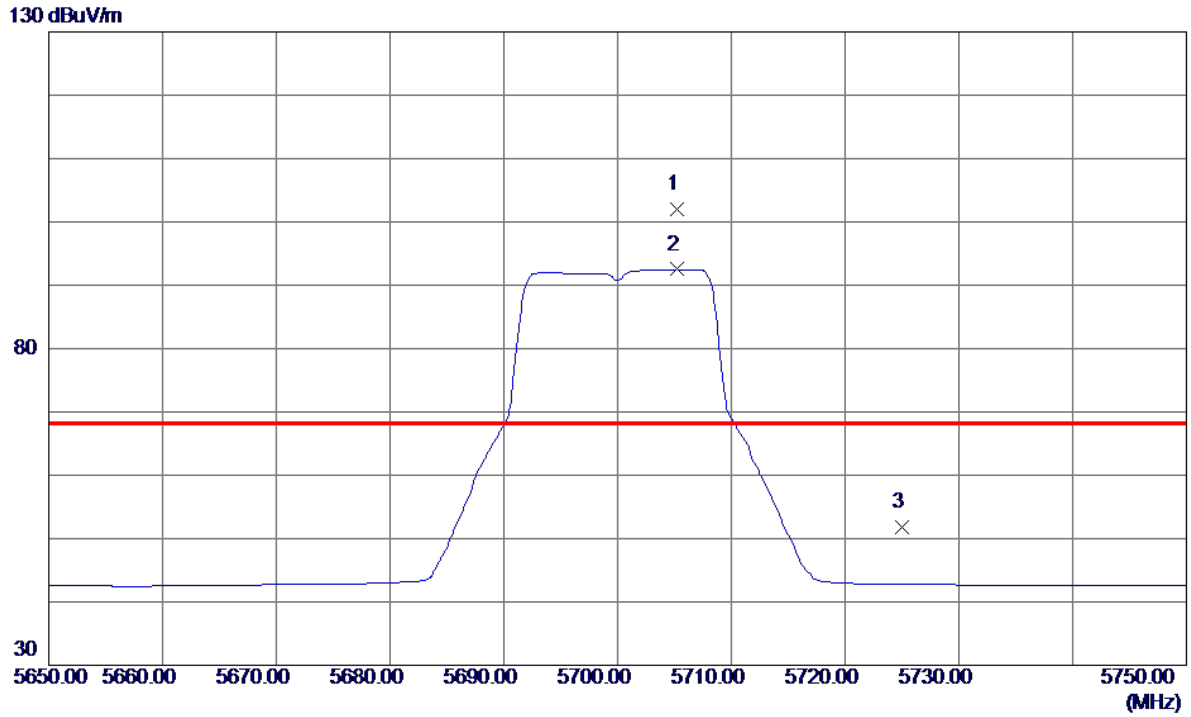
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.4500	44.27	17.43	61.70	74.00	-12.30	Peak	
2 *	11400.6500	31.73	17.44	49.17	54.00	-4.83	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

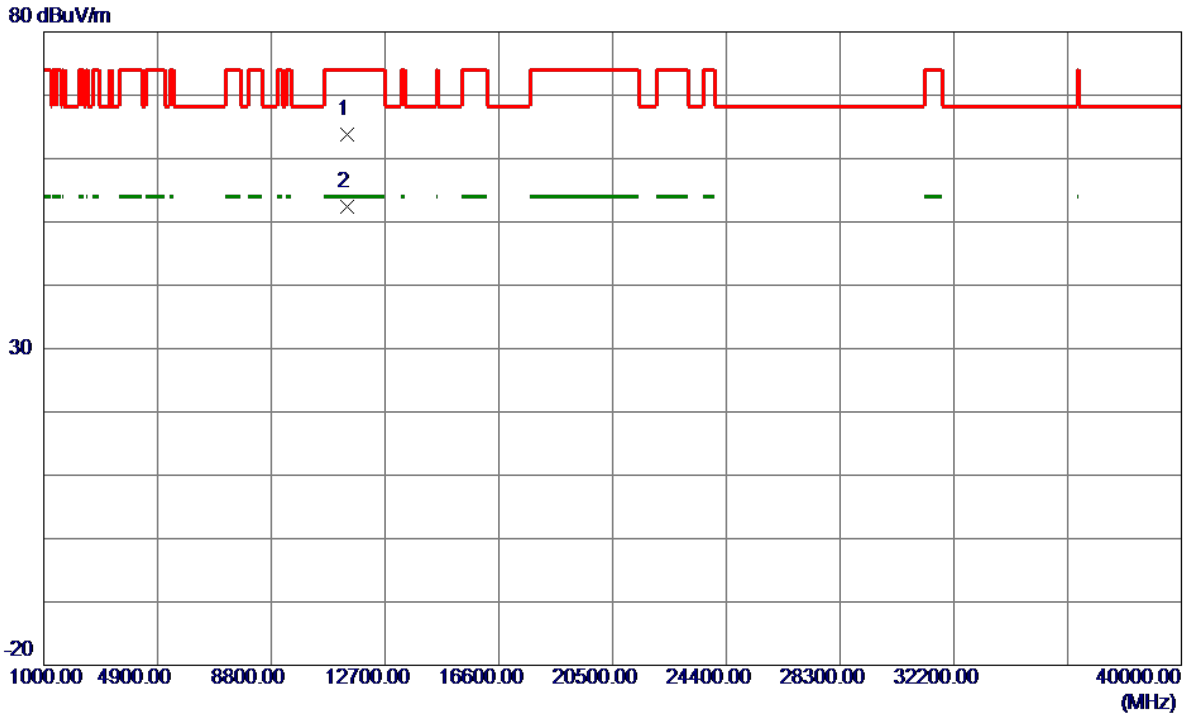
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5705.2000	60.31	41.62	101.93	68.30	33.63	Peak	No Limit
2	5705.2000	50.88	41.62	92.50	999.00	-906.50	AVG	No Limit
3	5725.0000	10.12	41.70	51.82	68.30	-16.48	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N20 Mode 5700MHz

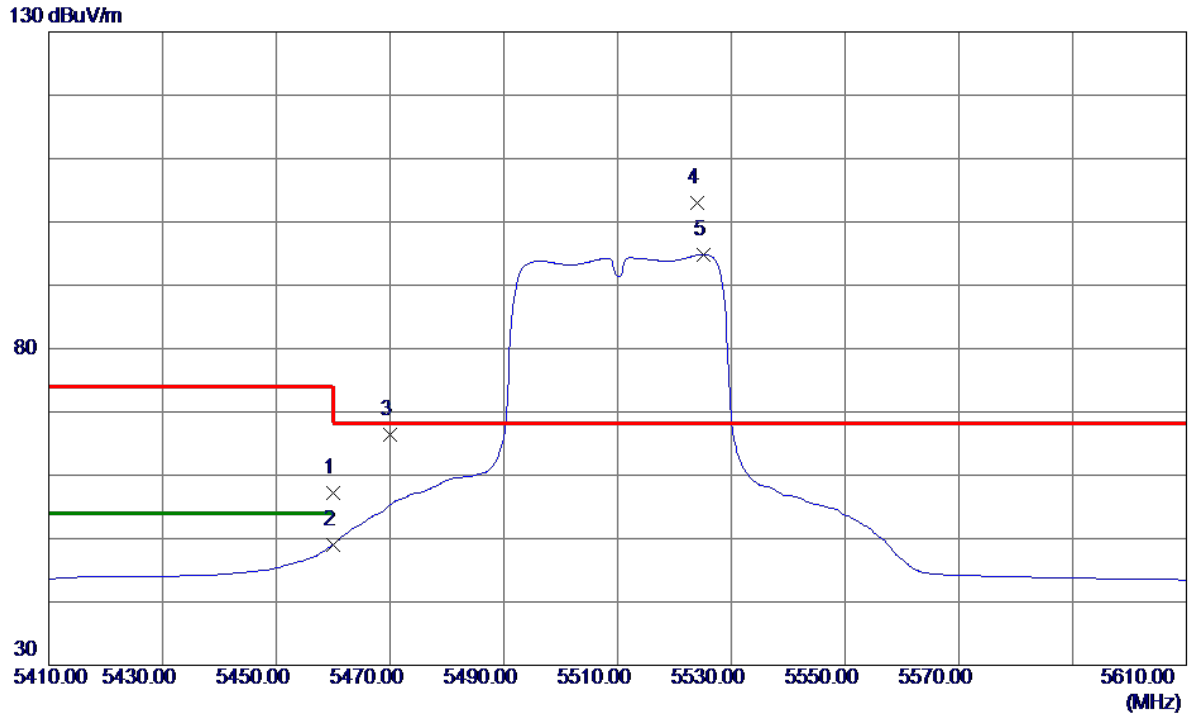
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11399.9500	46.45	17.43	63.88	74.00	-10.12	Peak	
2 *	11400.0500	34.96	17.43	52.39	54.00	-1.61	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

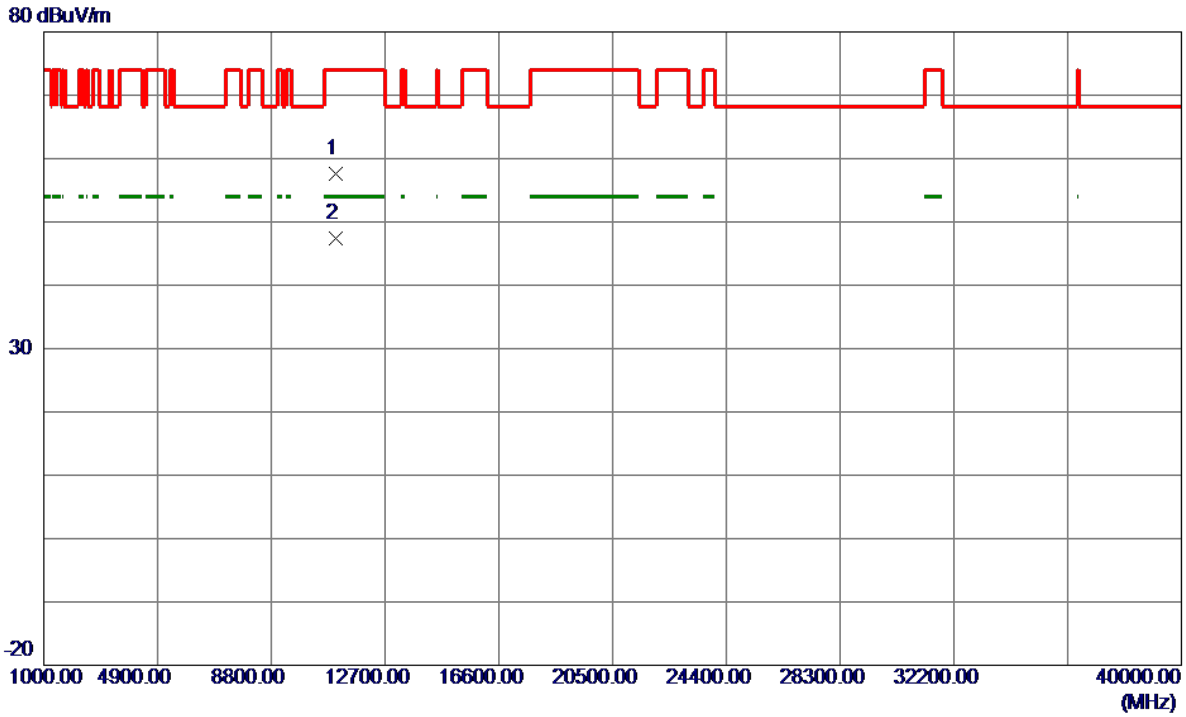
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	14.45	42.68	57.13	74.00	-16.87	Peak	
2	5460.0000	6.26	42.68	48.94	54.00	-5.06	AVG	
3	5470.0000	23.76	42.73	66.49	68.30	-1.81	Peak	
4 *	5524.0000	60.00	42.95	102.95	68.30	34.65	Peak	No Limit
5	5525.2000	51.91	42.96	94.87	999.00	-904.13	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

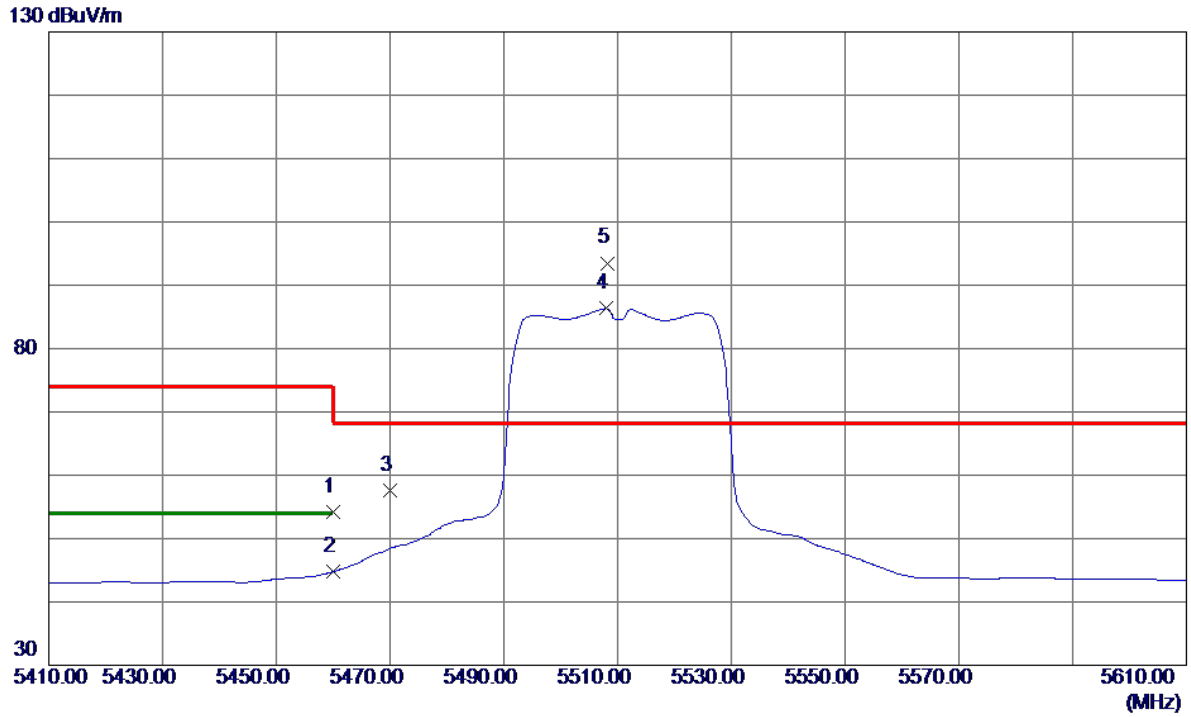
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11016.8000	41.49	16.09	57.58	74.00	-16.42	Peak	
2 *	11021.2000	31.39	16.10	47.49	54.00	-6.51	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

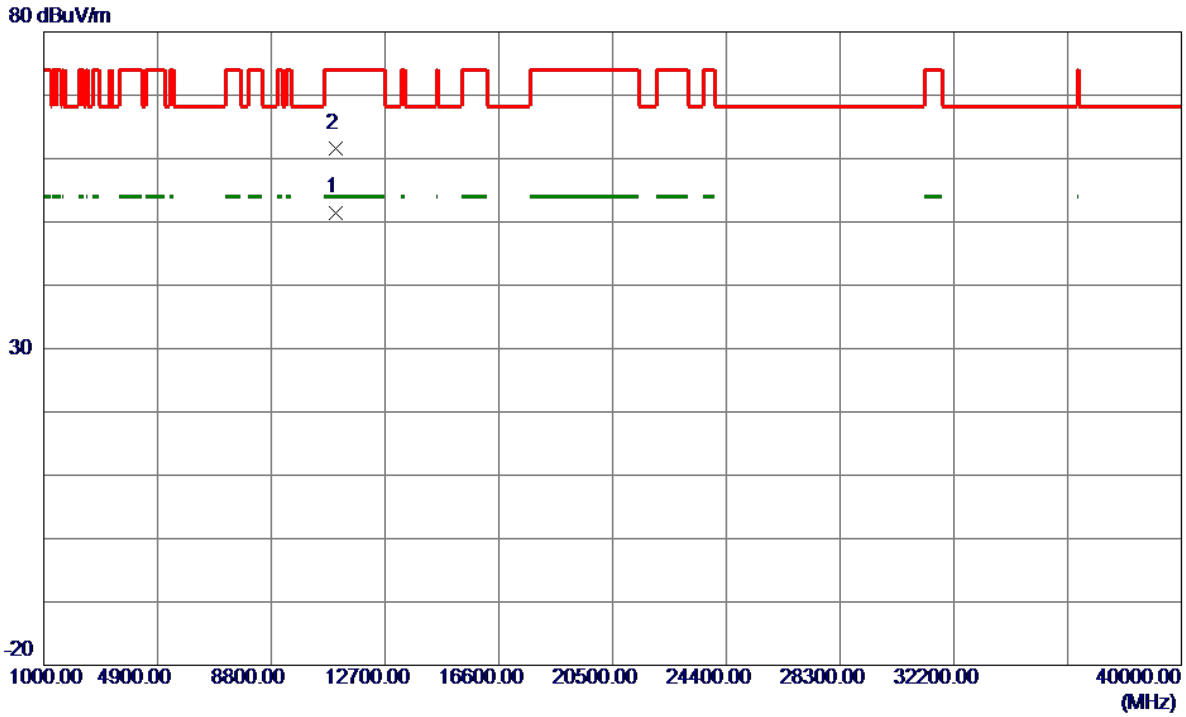
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	11.53	42.68	54.21	74.00	-19.79	Peak	
2	5460.0000	2.11	42.68	44.79	54.00	-9.21	AVG	
3	5470.0000	14.81	42.73	57.54	68.30	-10.76	Peak	
4	5508.0000	43.42	42.90	86.32	999.00	-912.68	AVG	No Limit
5 *	5508.2000	50.60	42.90	93.50	68.30	25.20	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5510MHz

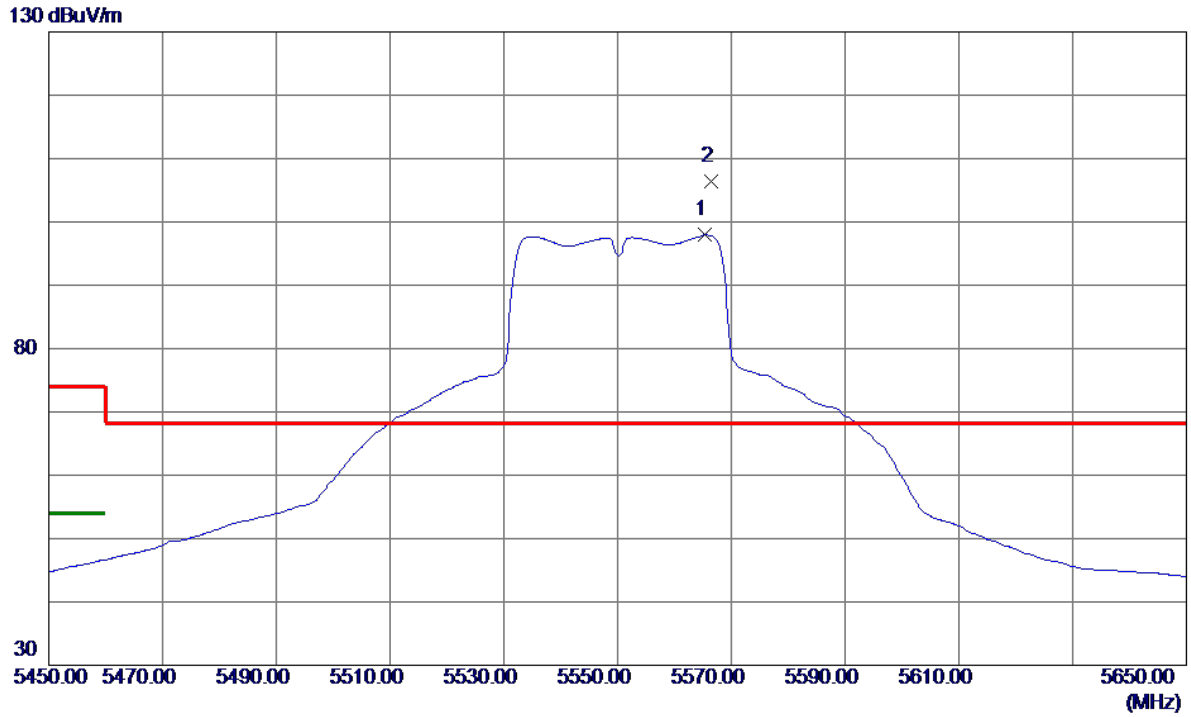
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11020.1000	35.40	16.10	51.50	54.00	-2.50	AVG	
2	11020.5000	45.43	16.10	61.53	74.00	-12.47	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

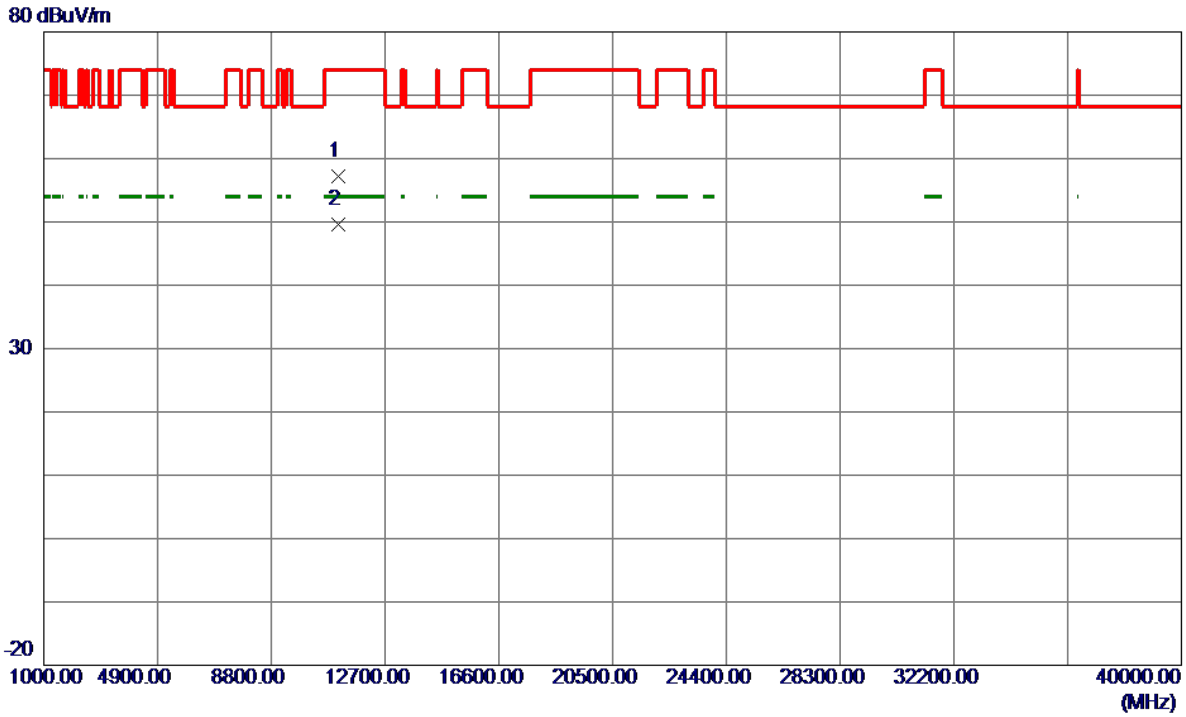
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5565.4000	54.84	43.08	97.92	999.00	-901.08	AVG	No Limit
2 *	5566.4000	63.28	43.08	106.36	68.30	38.06	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

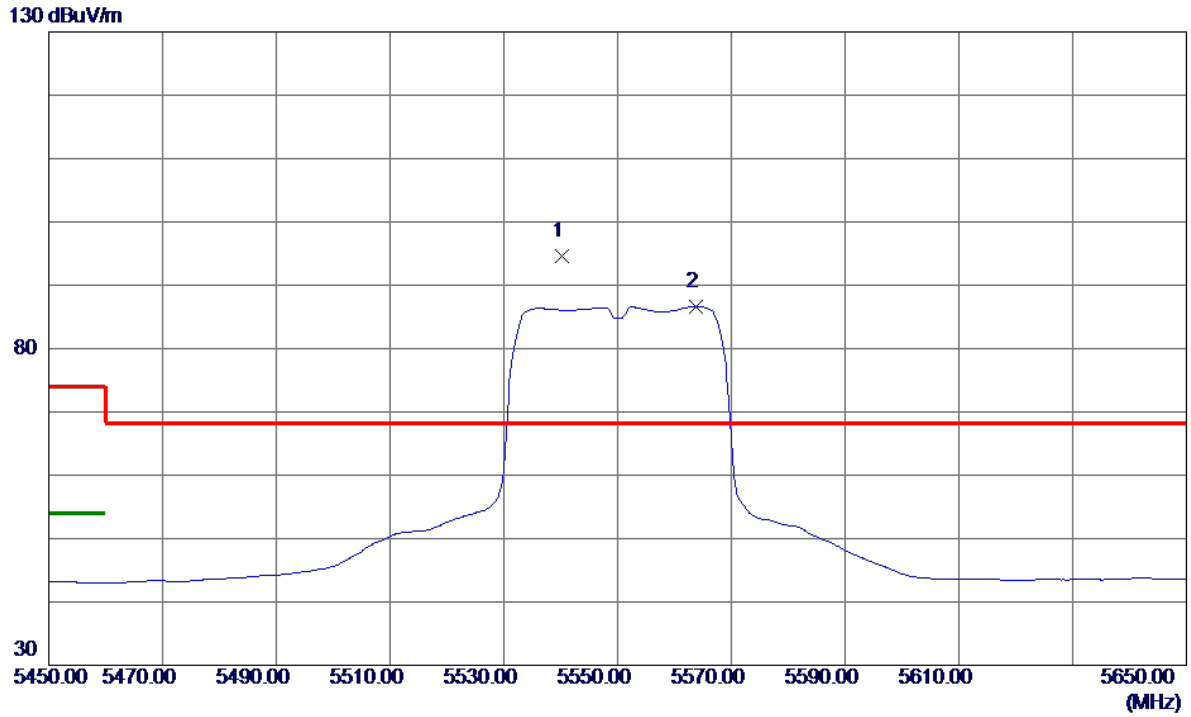
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11099.6000	40.87	16.38	57.25	74.00	-16.75	Peak	
2 *	11100.2000	33.20	16.38	49.58	54.00	-4.42	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

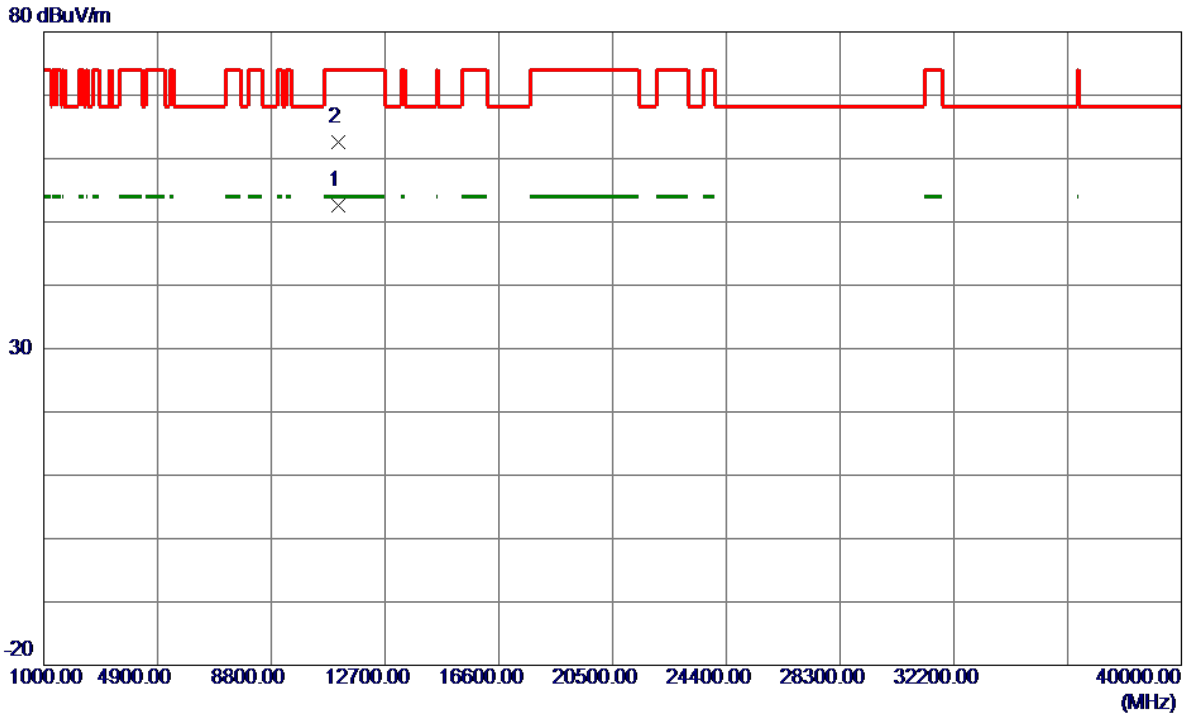
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5540.2000	51.68	43.00	94.68	68.30	26.38	Peak	No Limit
2	5563.8000	43.58	43.07	86.65	999.00	-912.35	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

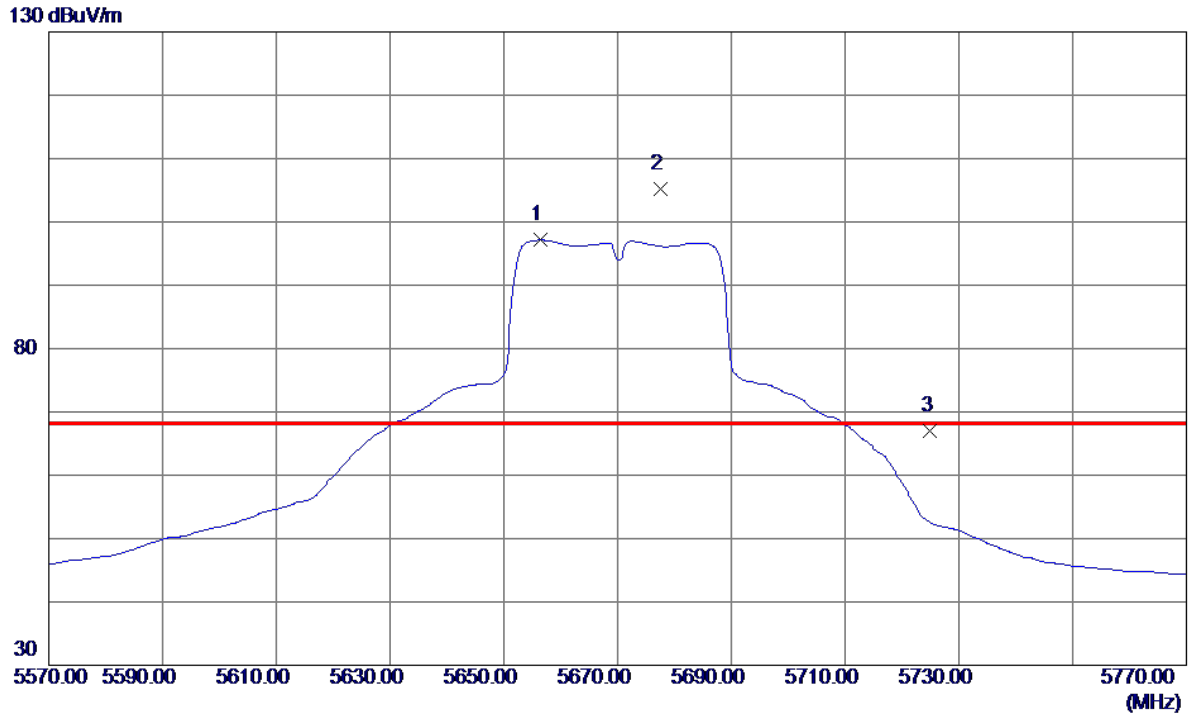
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11100.1000	36.29	16.38	52.67	54.00	-1.33	AVG	
2	11103.2000	46.17	16.39	62.56	74.00	-11.44	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

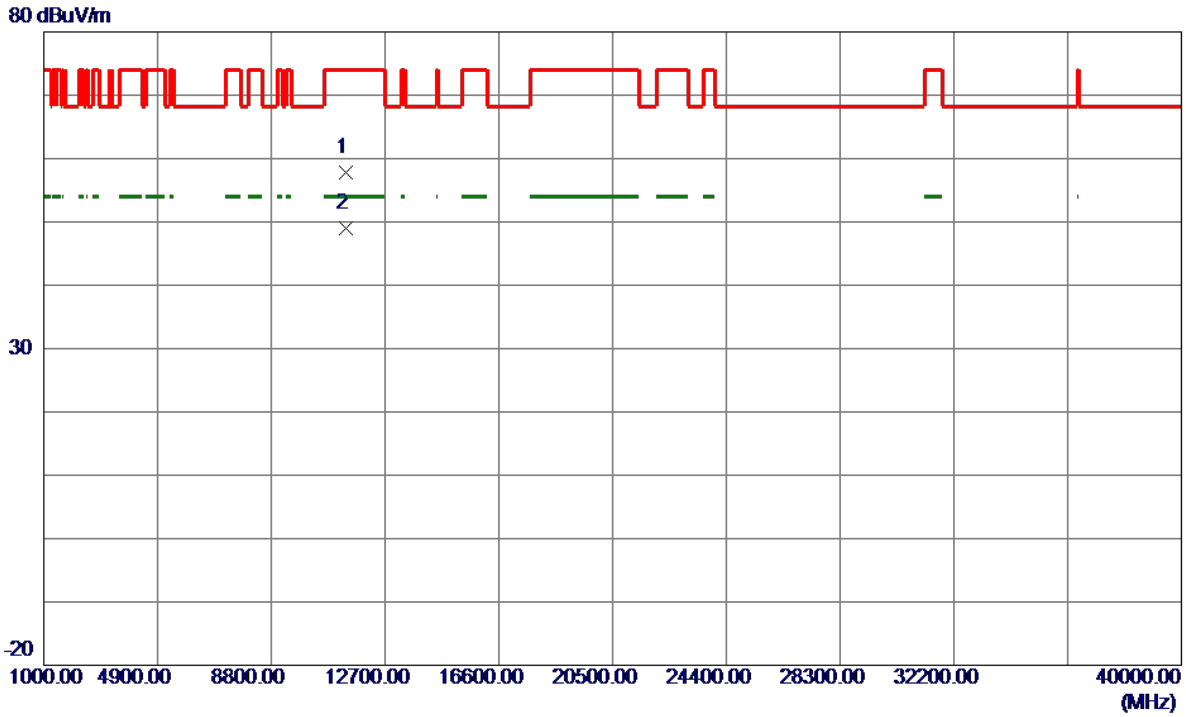
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5656.4000	53.77	43.35	97.12	999.00	-901.88	AVG	No Limit
2 *	5677.6000	61.86	43.42	105.28	68.30	36.98	Peak	No Limit
3	5725.0000	23.53	43.56	67.09	68.30	-1.21	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

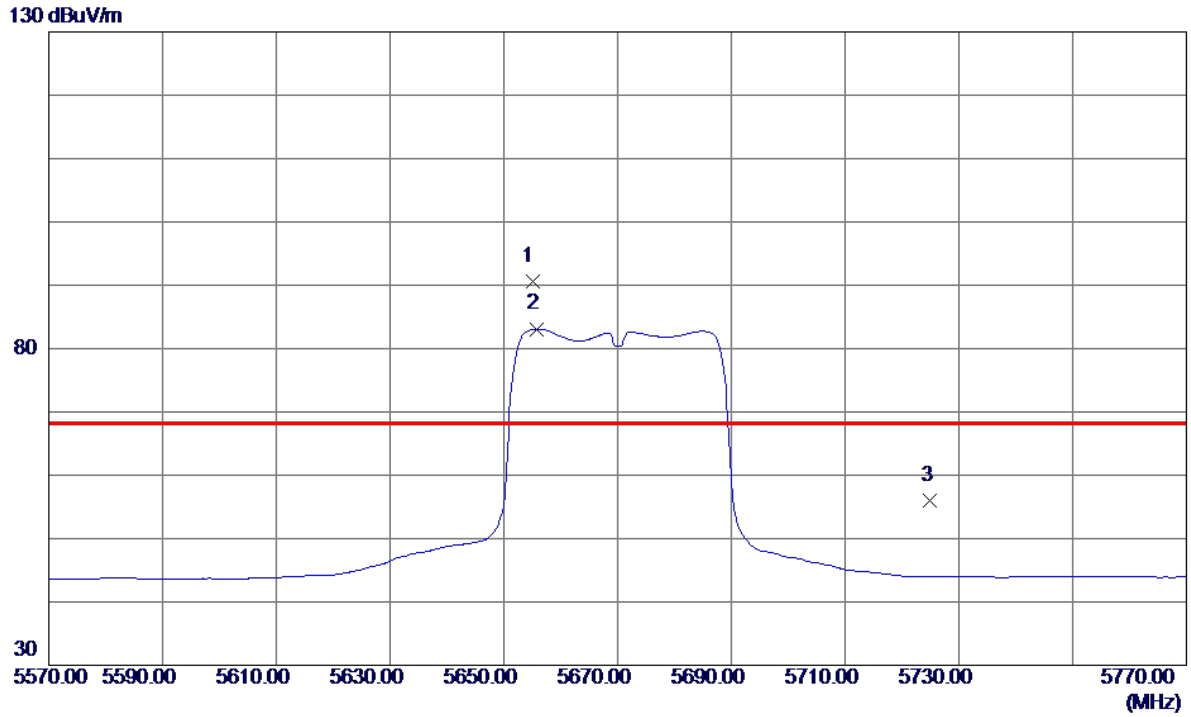
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11339.8000	40.50	17.22	57.72	74.00	-16.28	Peak	
2 *	11340.0000	31.85	17.22	49.07	54.00	-4.93	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

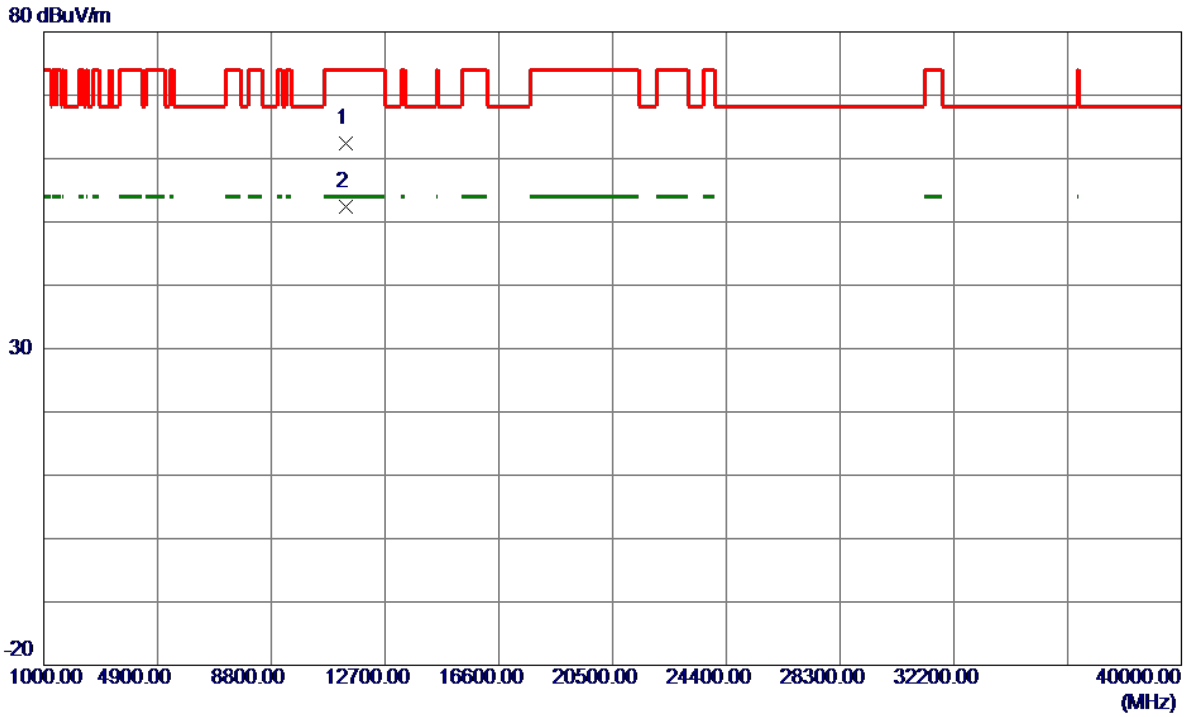
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5655.0000	47.26	43.35	90.61	68.30	22.31	Peak	No Limit
2	5655.8000	39.75	43.35	83.10	999.00	-915.90	AVG	No Limit
3	5725.0000	12.48	43.56	56.04	68.30	-12.26	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5670MHz

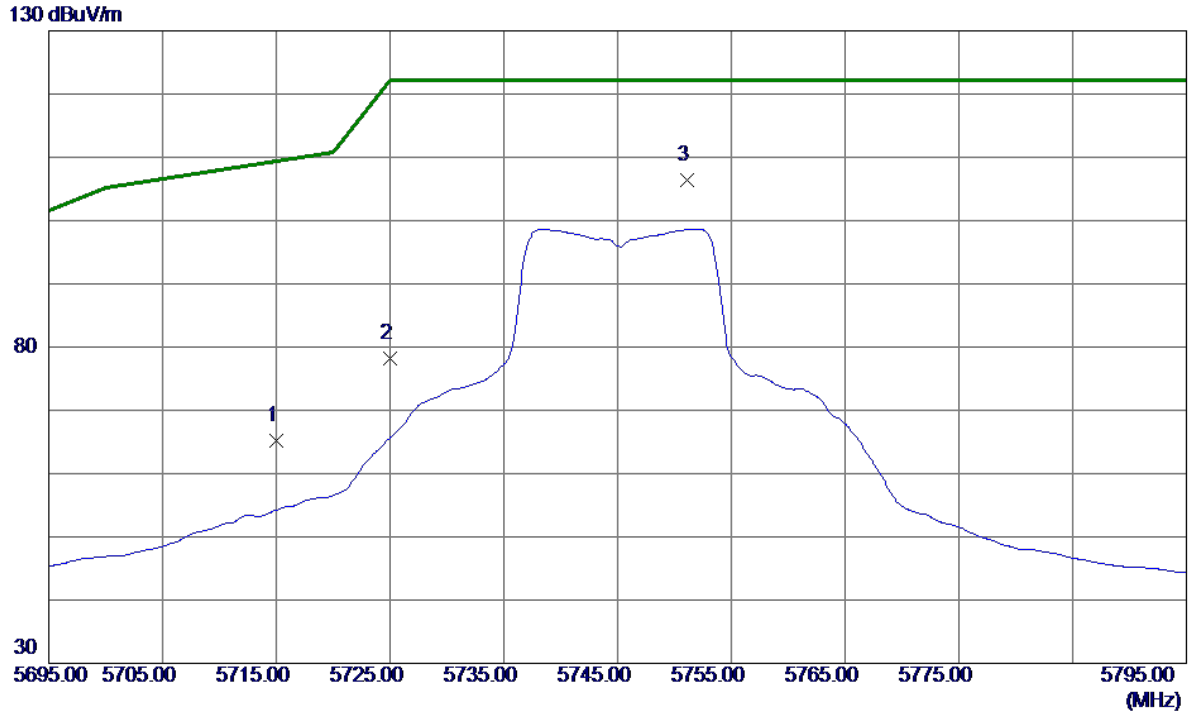
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11339.2000	45.20	17.22	62.42	74.00	-11.58	Peak	
2 *	11340.1000	35.15	17.22	52.37	54.00	-1.63	AVG	

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

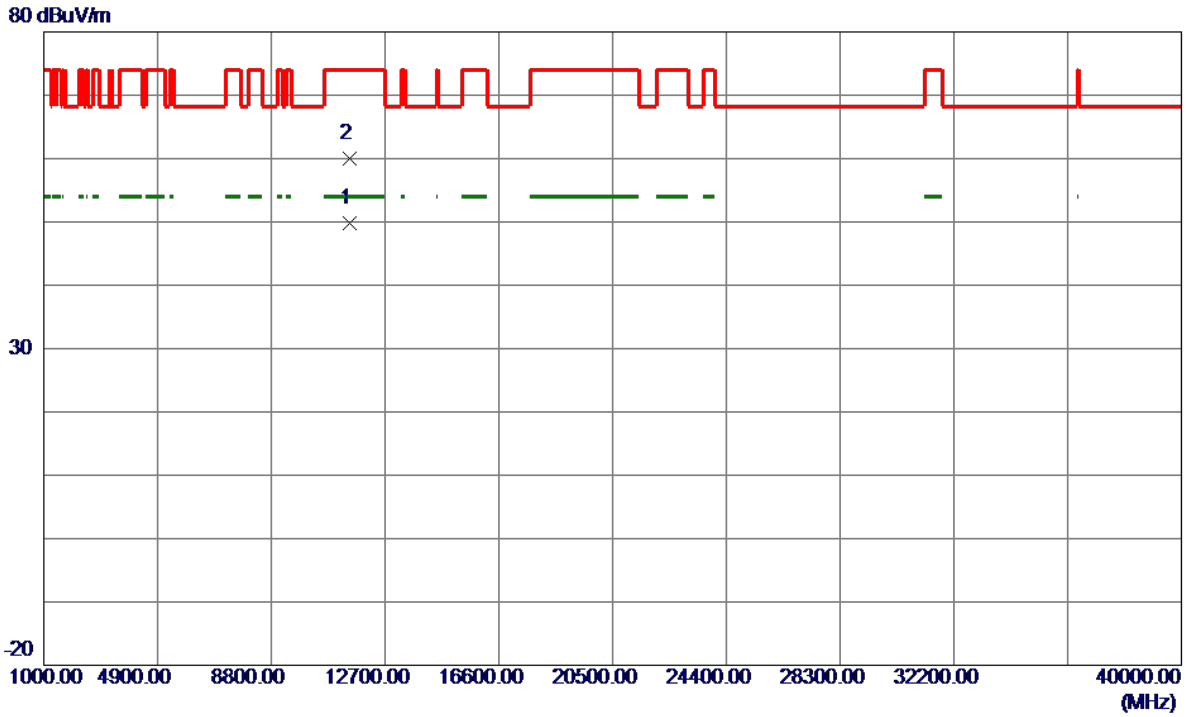
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.63	43.53	65.16	109.40	-44.24	Peak	
2	5725.0000	34.69	43.56	78.25	122.20	-43.95	Peak	
3 *	5751.1000	62.77	43.64	106.41	122.20	-15.79	Peak	

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

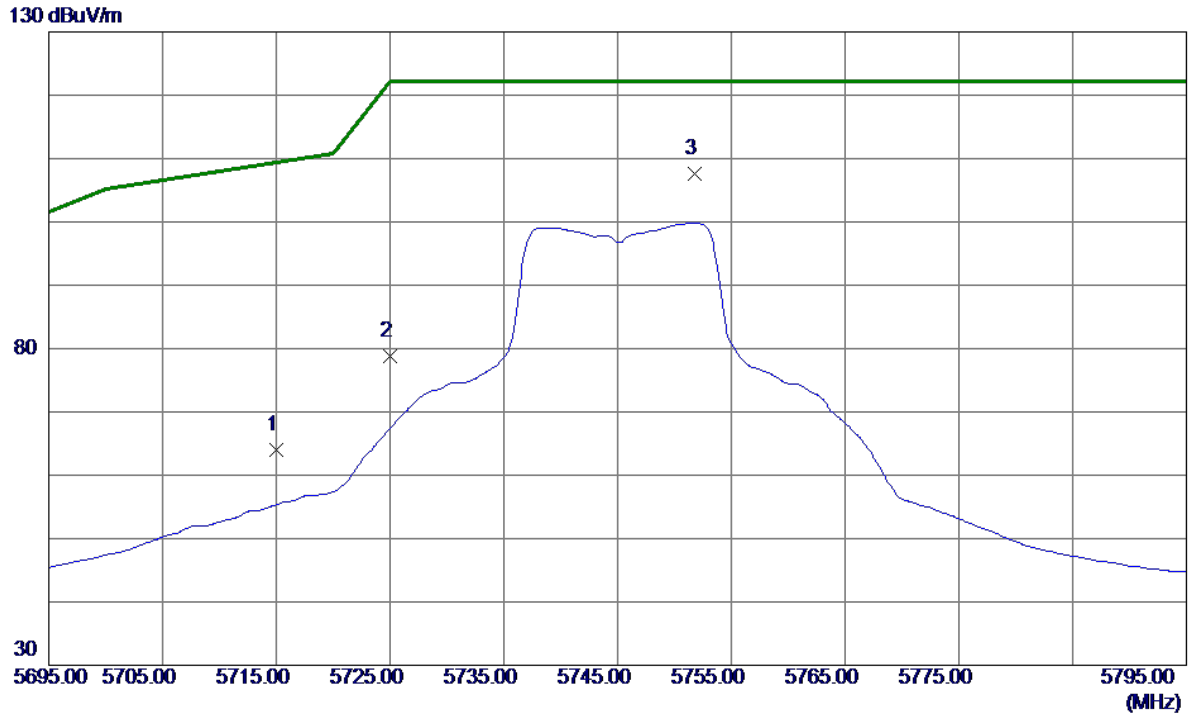
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.3500	32.12	17.75	49.87	54.00	-4.13	AVG	
2	11491.9000	42.23	17.76	59.99	74.00	-14.01	Peak	

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

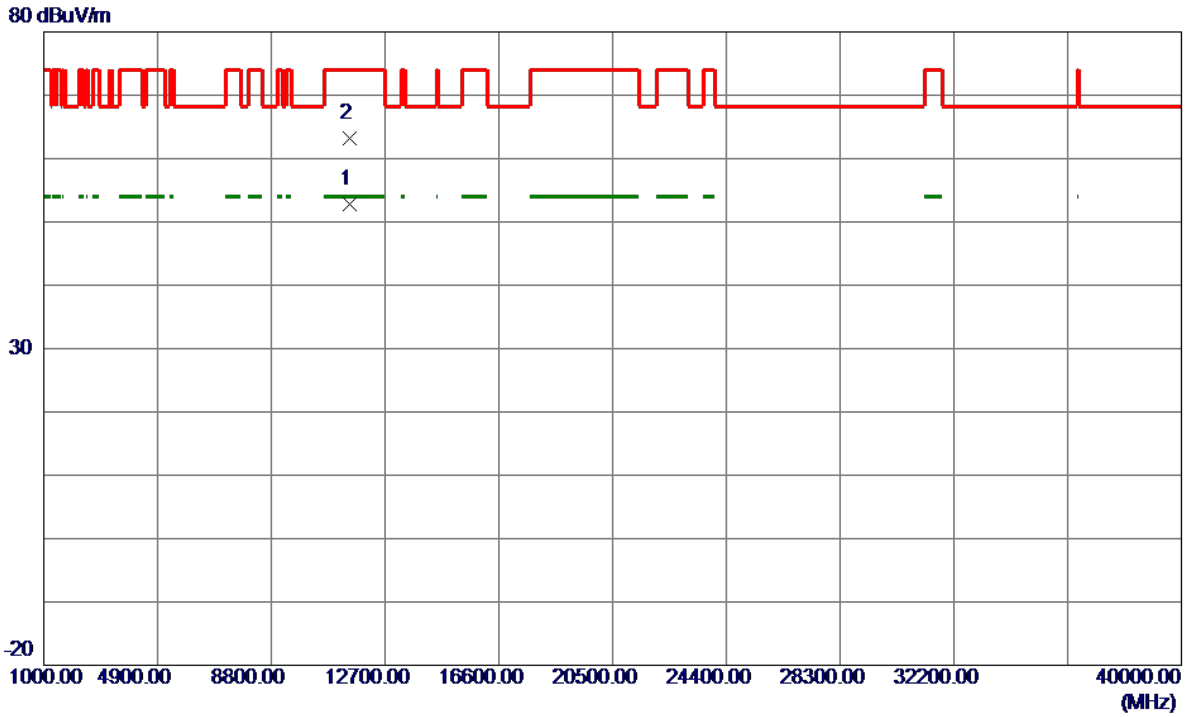
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.38	43.53	63.91	109.40	-45.49	Peak	
2	5725.0000	35.23	43.56	78.79	122.20	-43.41	Peak	
3 *	5751.8000	64.05	43.64	107.69	122.20	-14.51	Peak	

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

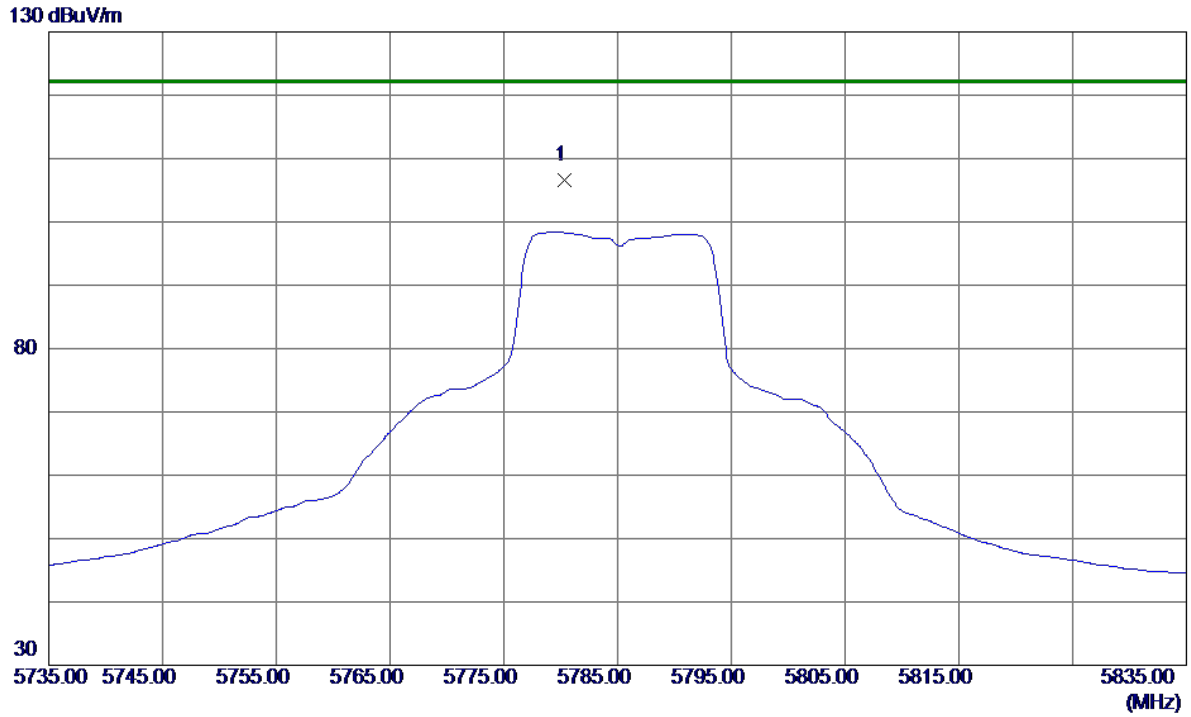
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11490.4500	34.96	17.75	52.71	54.00	-1.29	AVG	
2	11492.3000	45.41	17.76	63.17	74.00	-10.83	Peak	

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

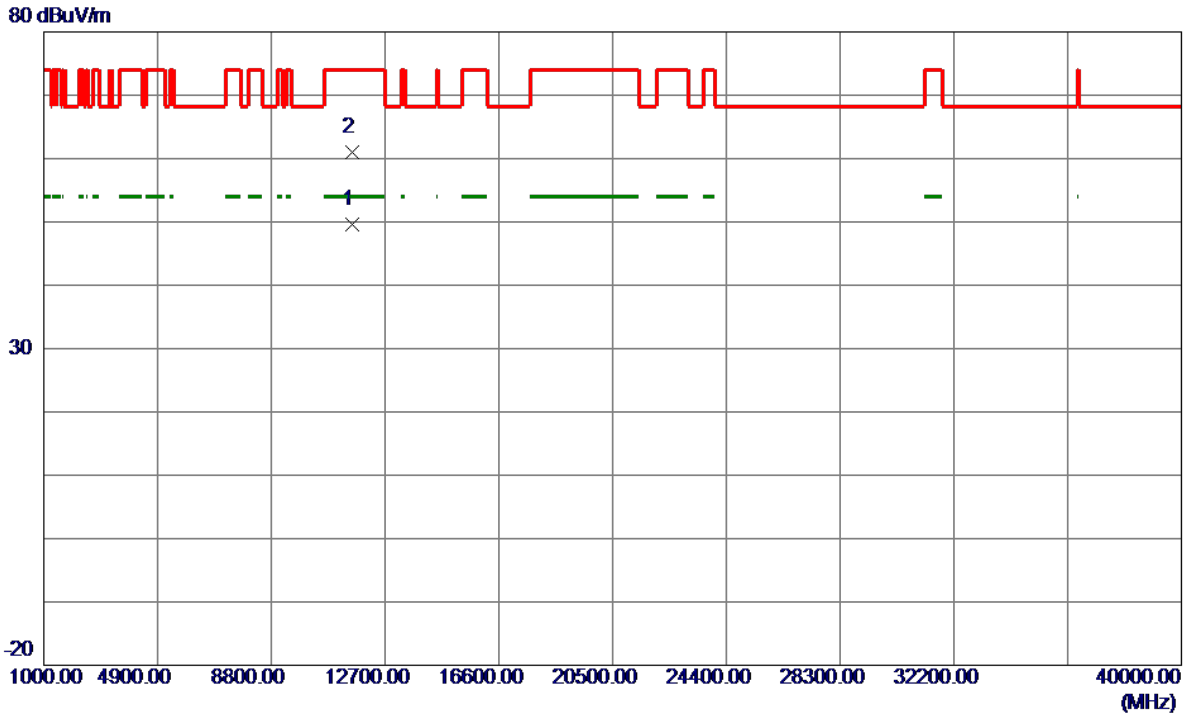
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780.3000	62.78	43.73	106.51	122.20	-15.69	Peak	

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

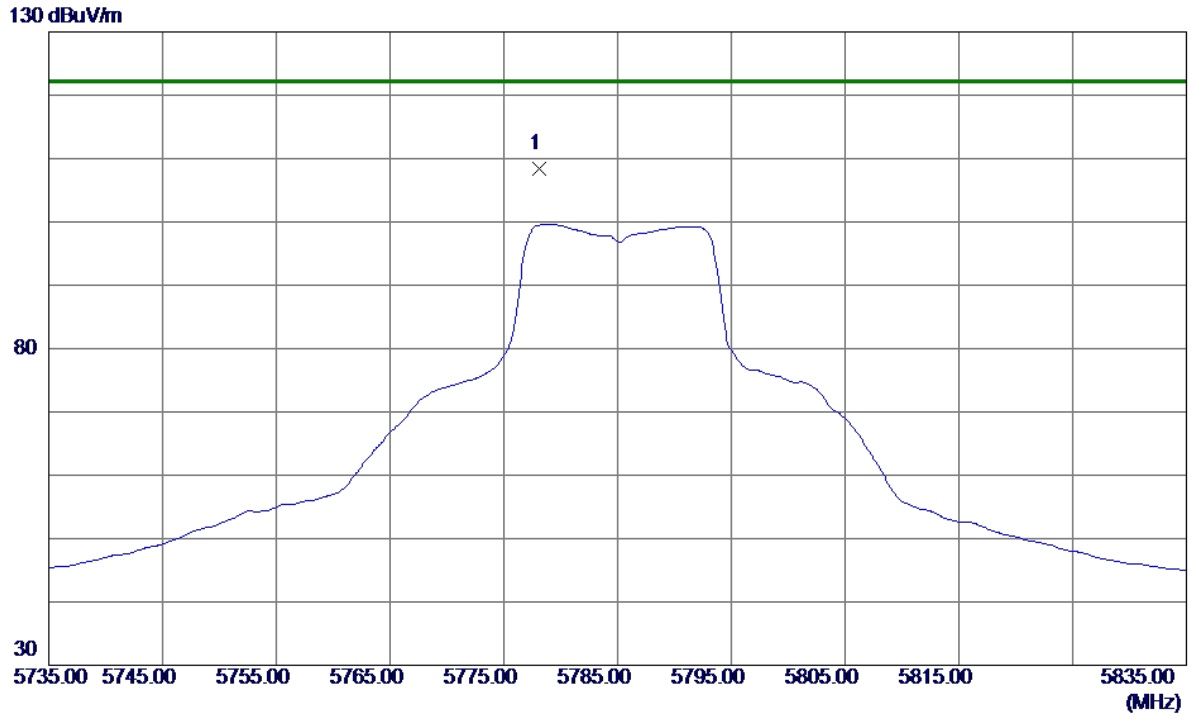
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.7500	31.84	17.82	49.66	54.00	-4.34	AVG	
2	11572.3000	43.25	17.82	61.07	74.00	-12.93	Peak	

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

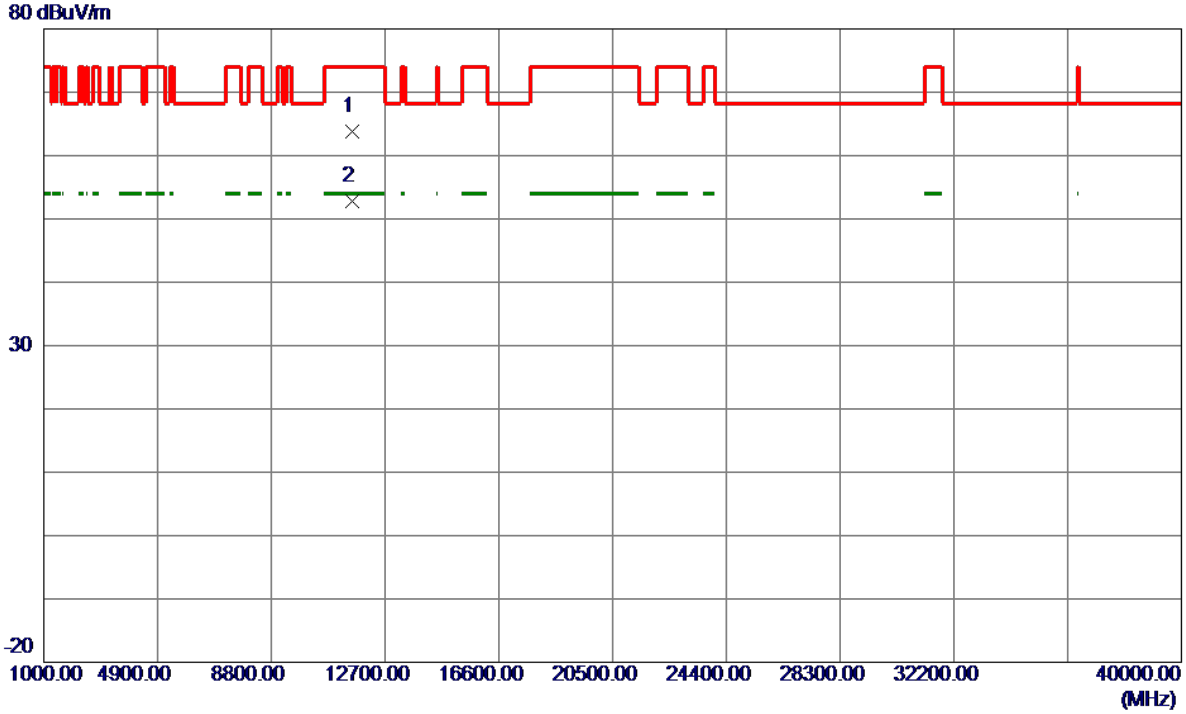
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5778.1000	64.64	43.72	108.36	122.20	-13.84	Peak	

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

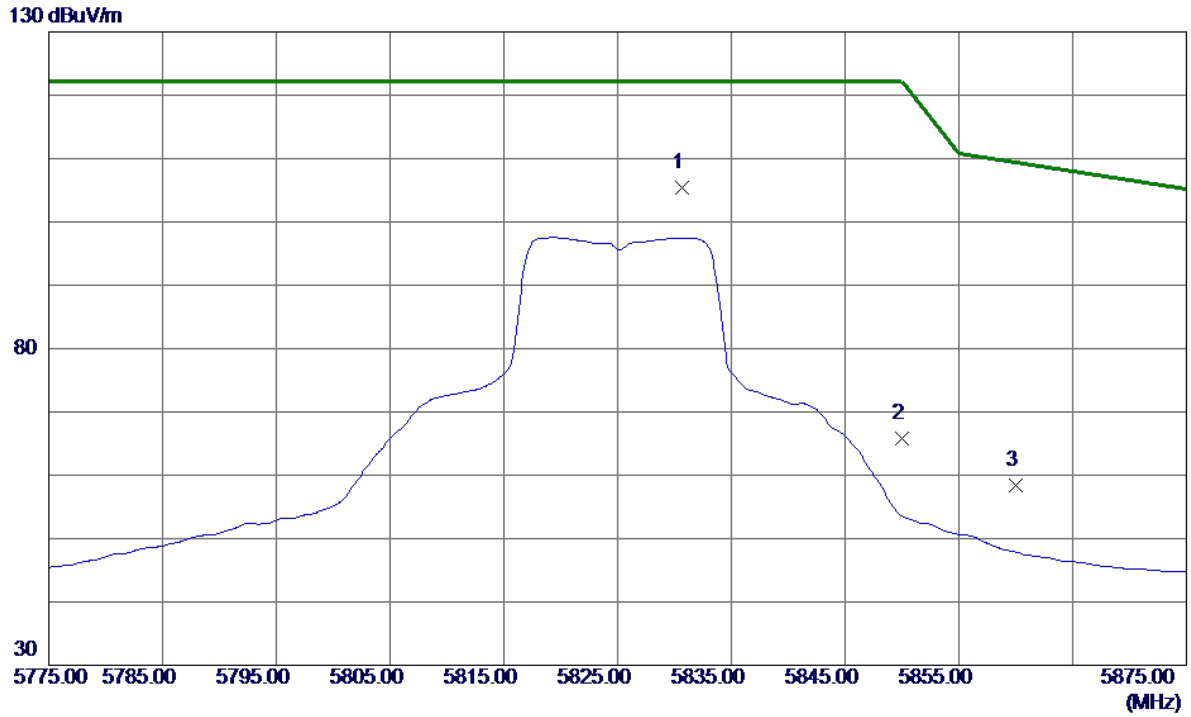
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.3000	45.97	17.82	63.79	74.00	-10.21	Peak	
2 *	11570.4000	34.94	17.82	52.76	54.00	-1.24	AVG	

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

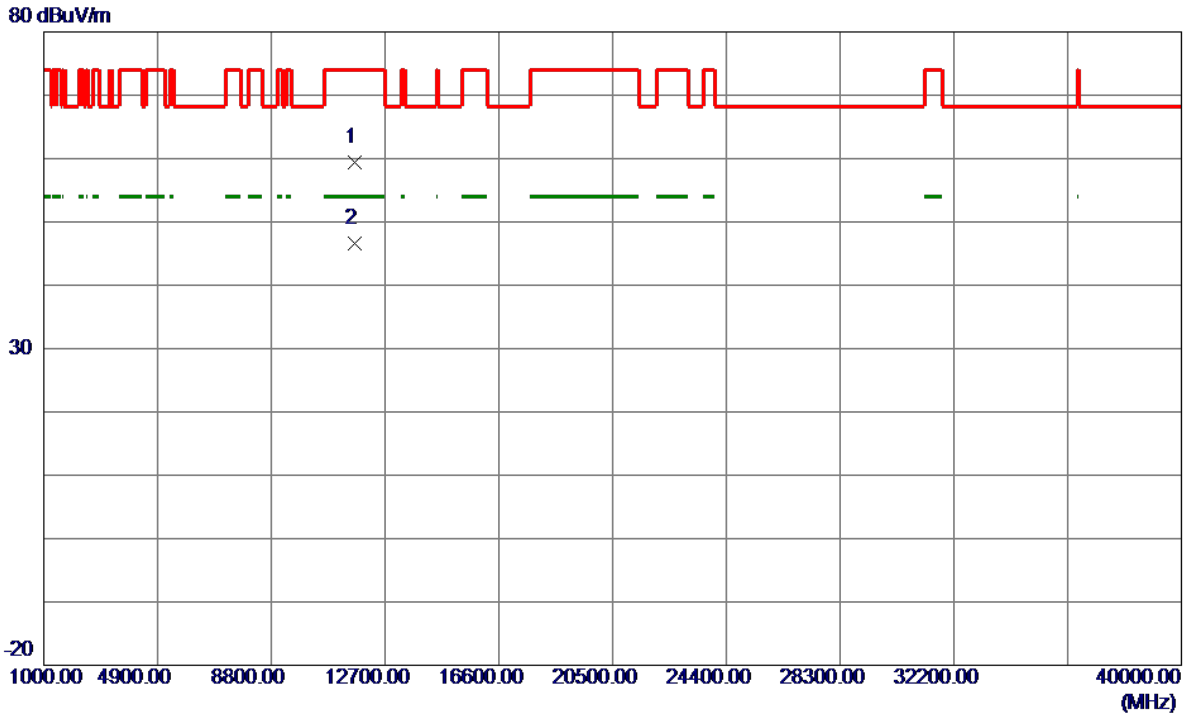
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5830.7000	61.49	43.88	105.37	122.20	-16.83	Peak	
2	5850.0000	21.85	43.94	65.79	122.20	-56.41	Peak	
3	5860.0000	14.51	43.97	58.48	109.40	-50.92	Peak	

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

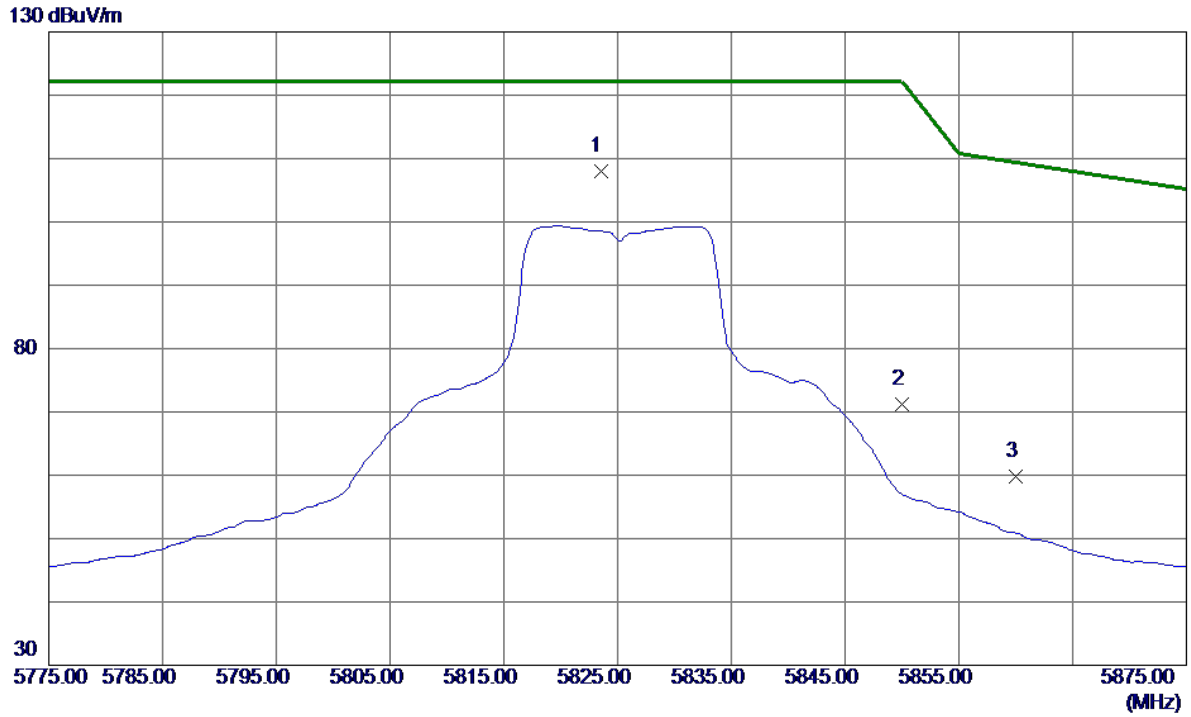
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.9500	41.62	17.86	59.48	74.00	-14.52	Peak	
2 *	11651.2500	28.79	17.86	46.65	54.00	-7.35	AVG	

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

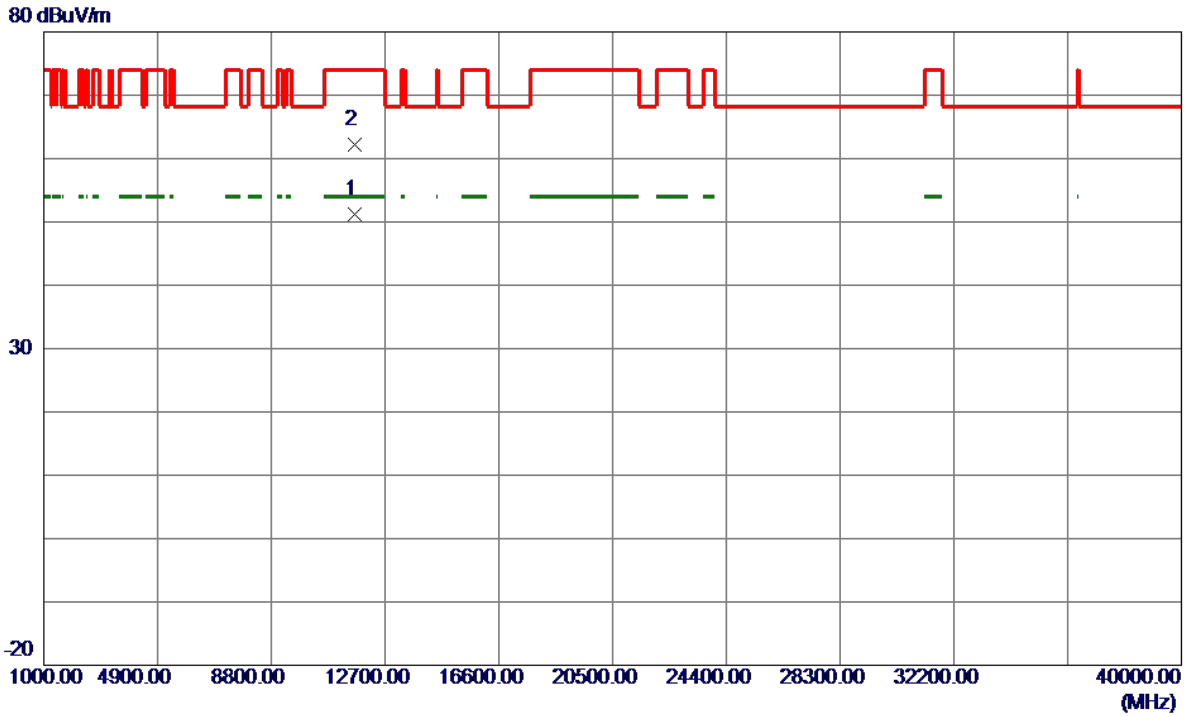
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.5000	64.16	43.86	108.02	122.20	-14.18	Peak	
2	5850.0000	27.31	43.94	71.25	122.20	-50.95	Peak	
3	5860.0000	15.81	43.97	59.78	109.40	-49.62	Peak	

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

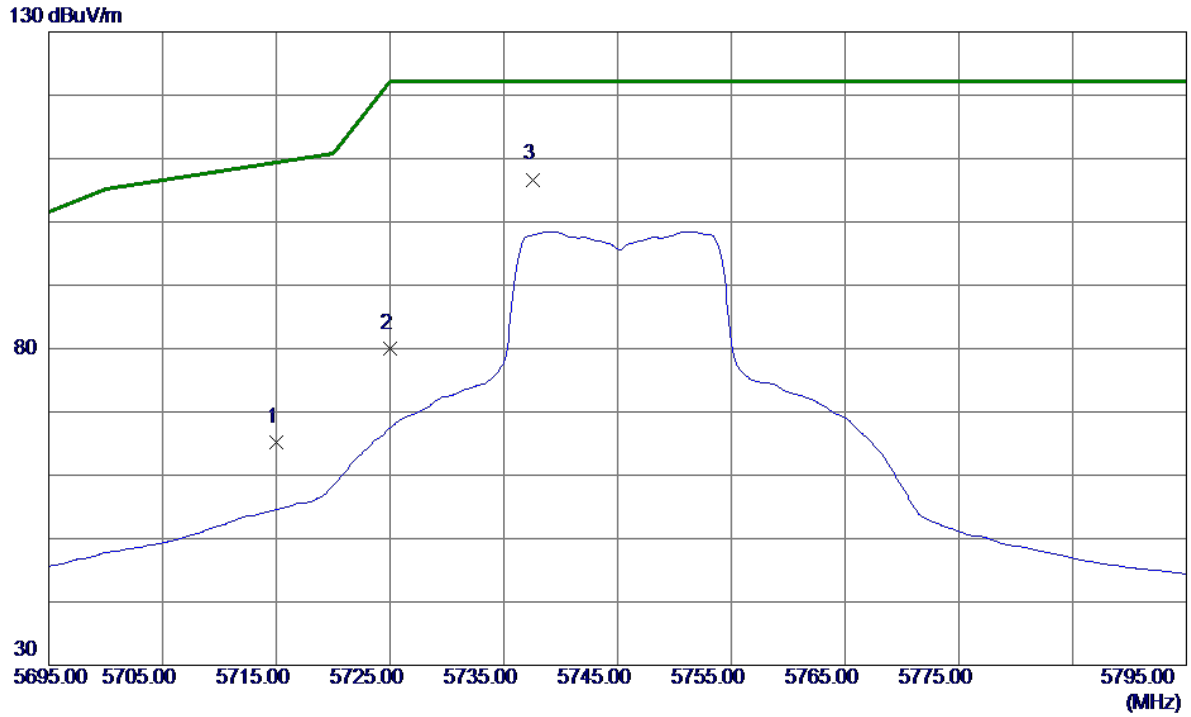
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11650.3500	33.29	17.86	51.15	54.00	-2.85	AVG	
2	11651.2500	44.26	17.86	62.12	74.00	-11.88	Peak	

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

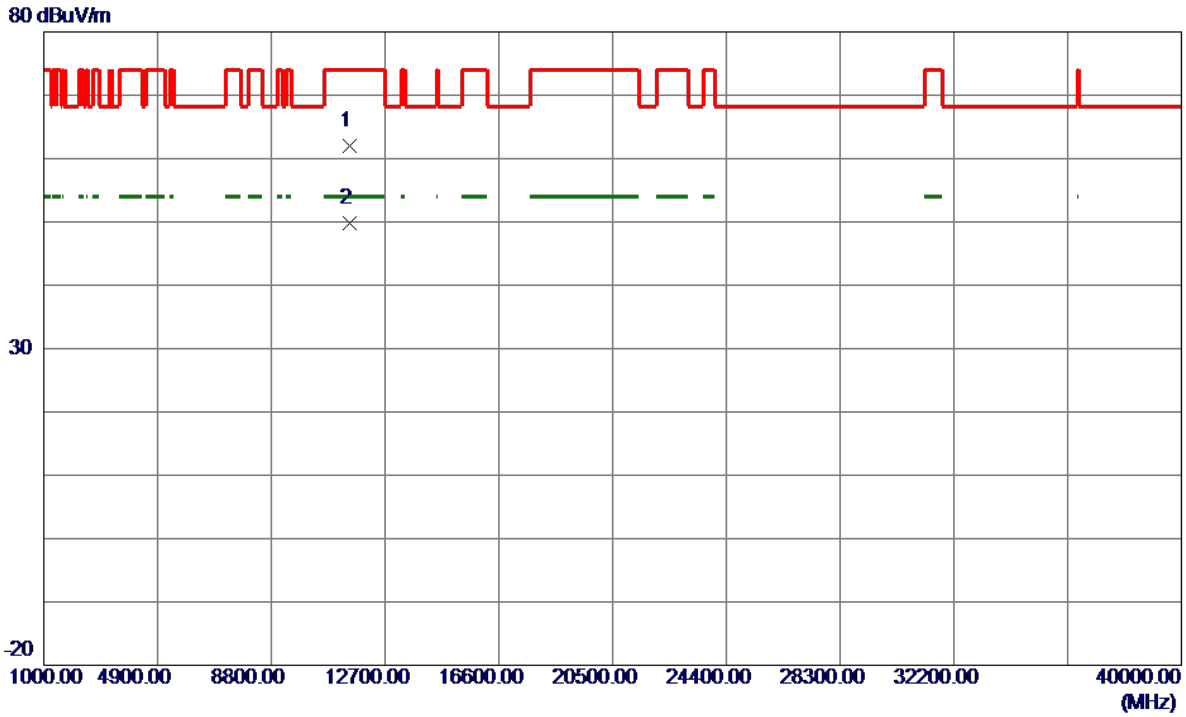
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.64	43.53	65.17	109.40	-44.23	Peak	
2	5725.0000	36.53	43.56	80.09	122.20	-42.11	Peak	
3 *	5737.6000	63.10	43.60	106.70	122.20	-15.50	Peak	

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

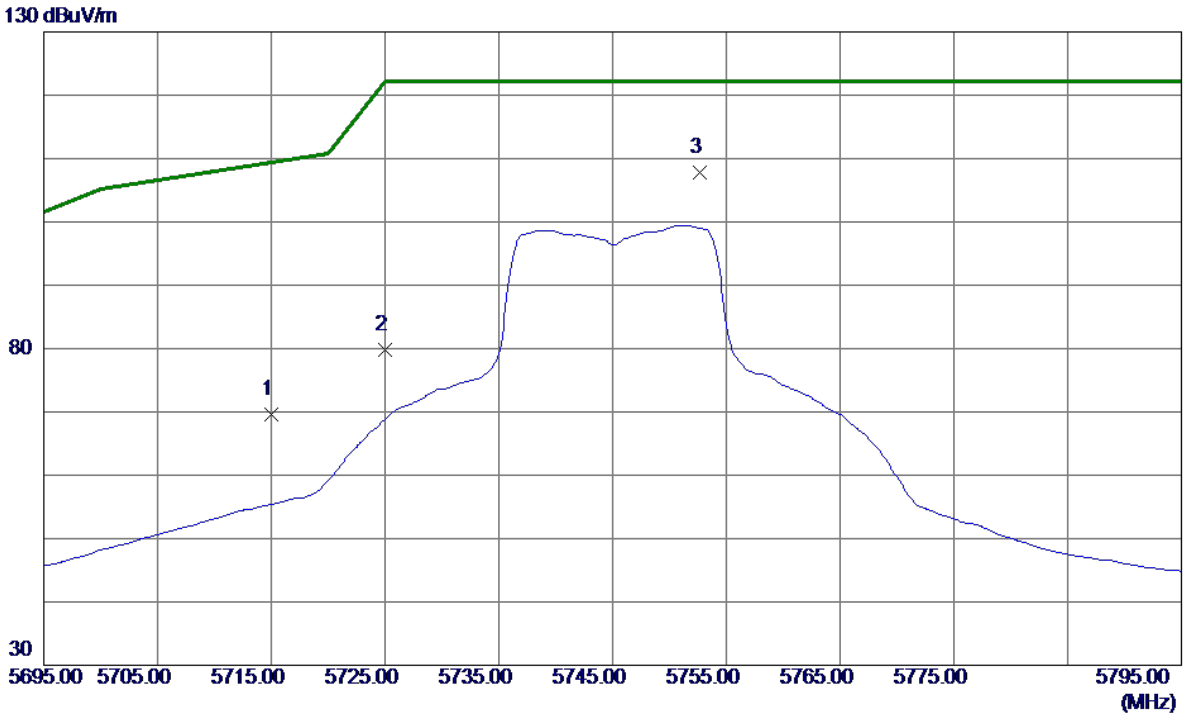
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11484.5000	44.29	17.73	62.02	74.00	-11.98	Peak	
2 *	11490.7500	32.00	17.75	49.75	54.00	-4.25	AVG	

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

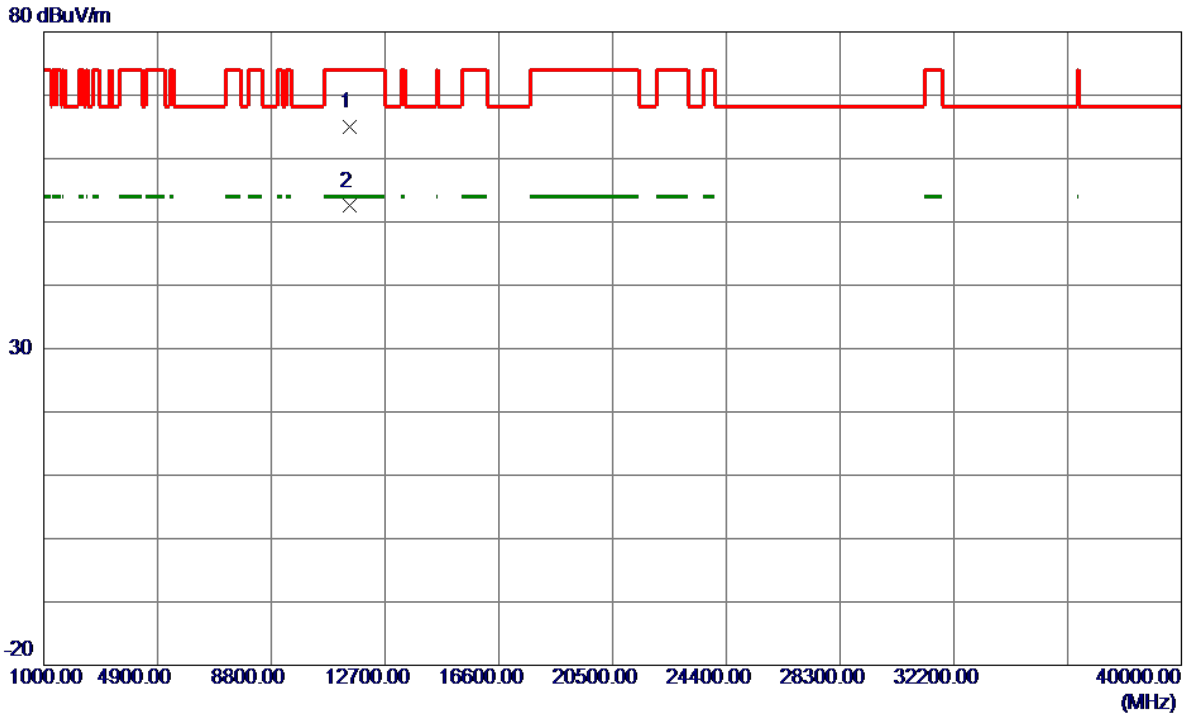
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.08	43.53	69.61	109.40	-39.79	Peak	
2	5725.0000	36.29	43.56	79.85	122.20	-42.35	Peak	
3 *	5752.7000	64.17	43.64	107.81	122.20	-14.39	Peak	

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

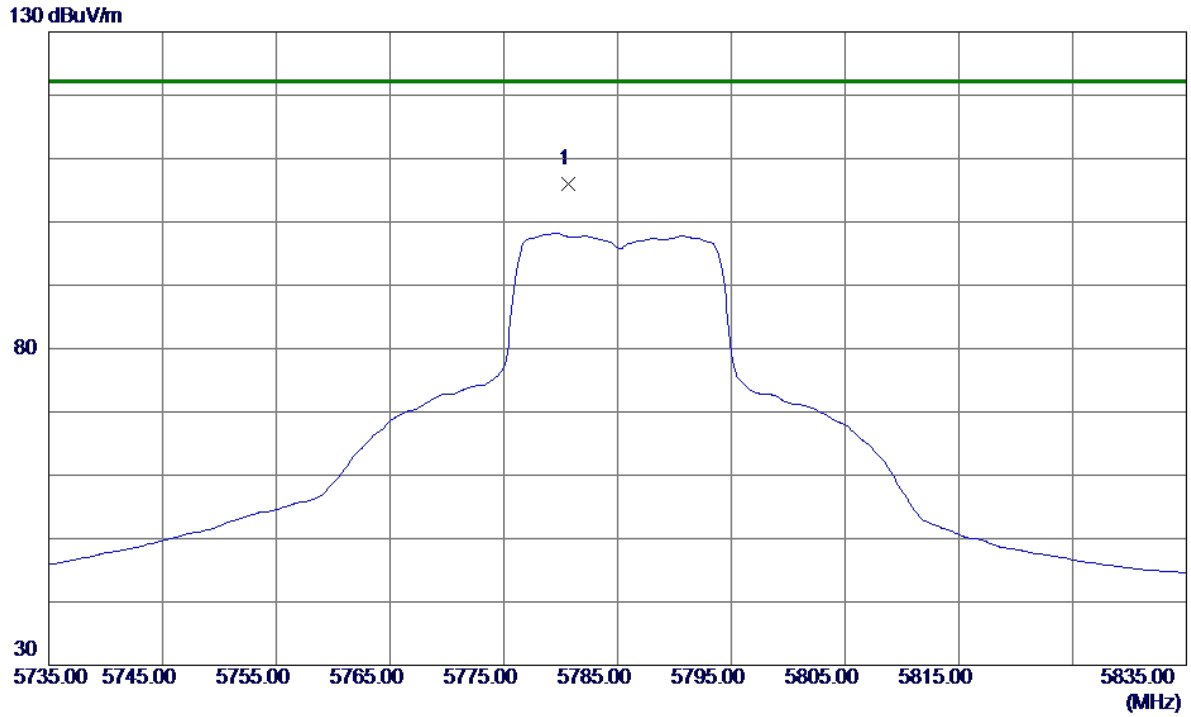
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11489.7500	47.21	17.75	64.96	74.00	-9.04	Peak	
2 *	11490.1000	34.75	17.75	52.50	54.00	-1.50	AVG	

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

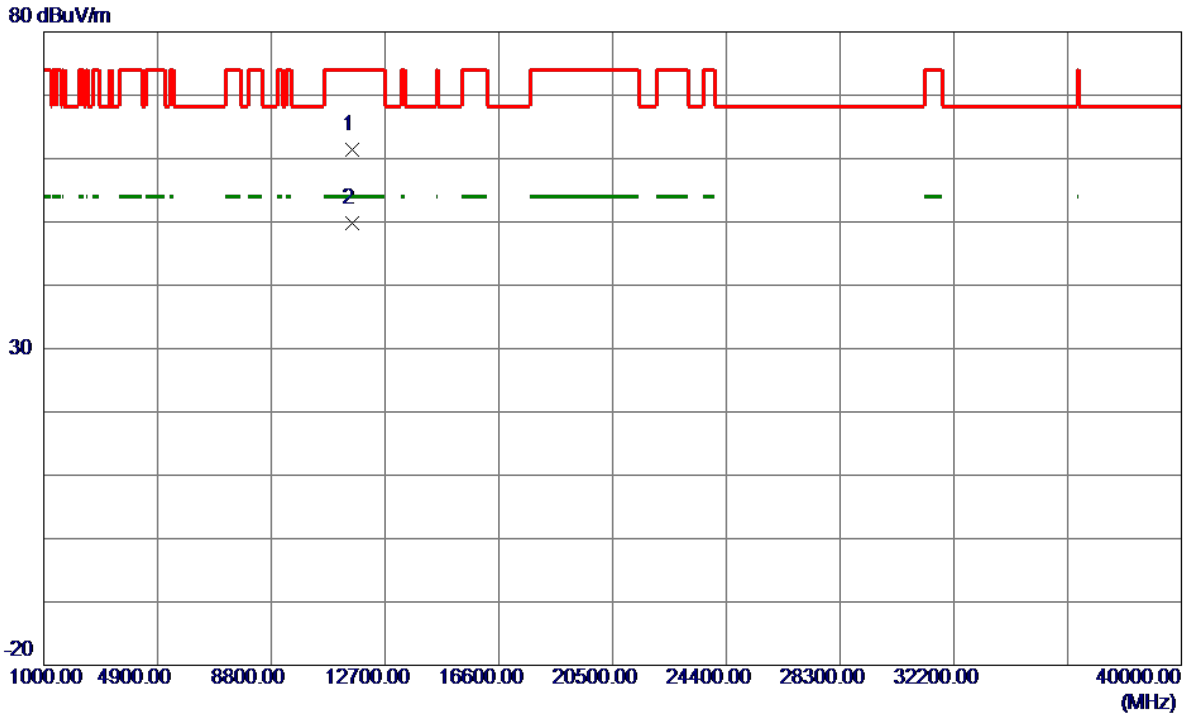
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780.7000	62.35	43.73	106.08	122.20	-16.12	Peak	

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

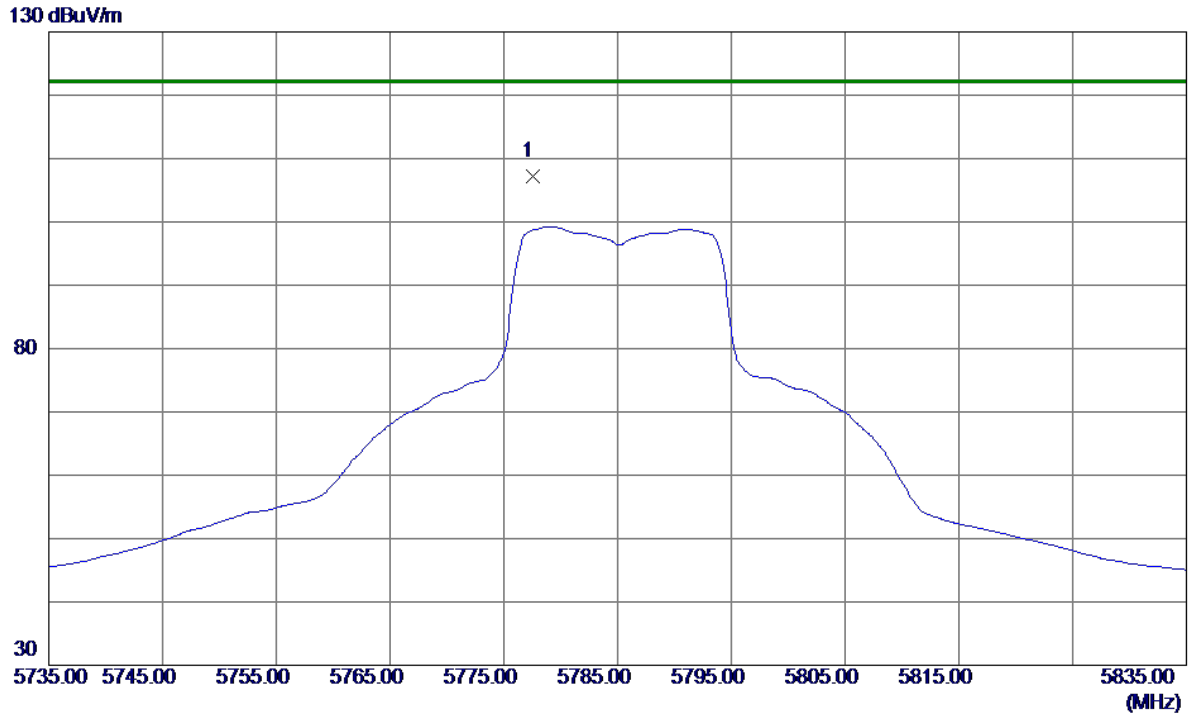
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11568.3000	43.64	17.82	61.46	74.00	-12.54	Peak	
2 *	11570.1000	31.95	17.82	49.77	54.00	-4.23	AVG	

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

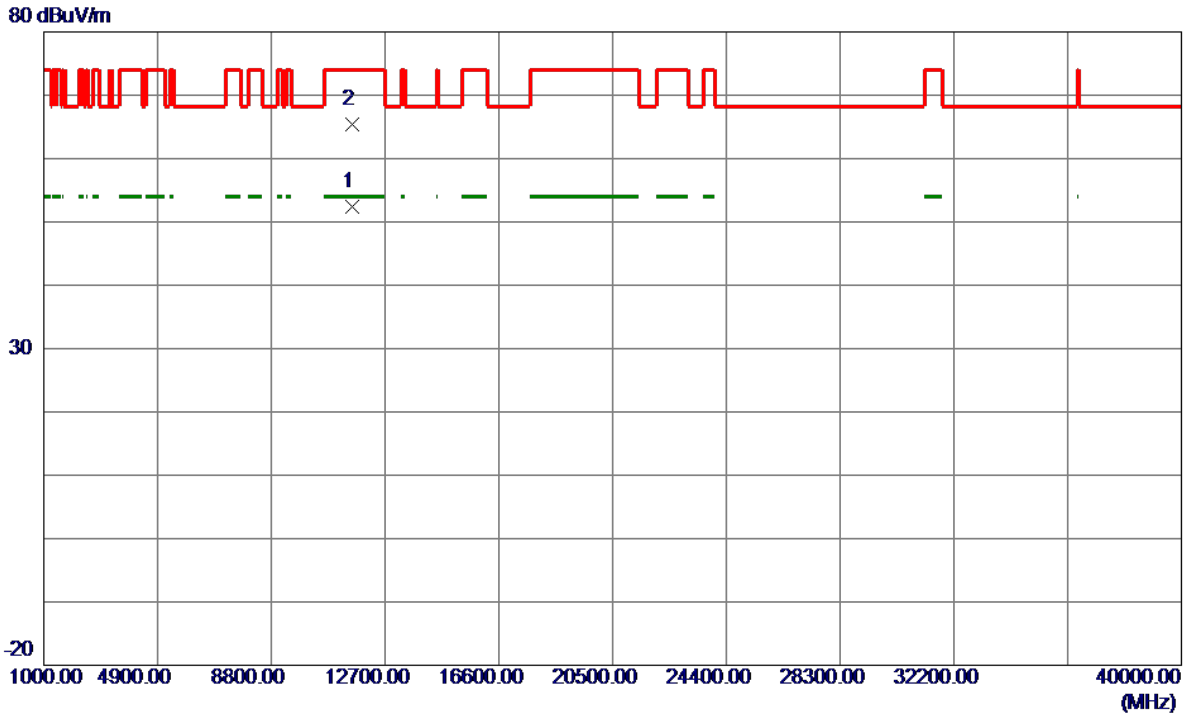
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5777.5000	63.53	43.72	107.25	122.20	-14.95	Peak	

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

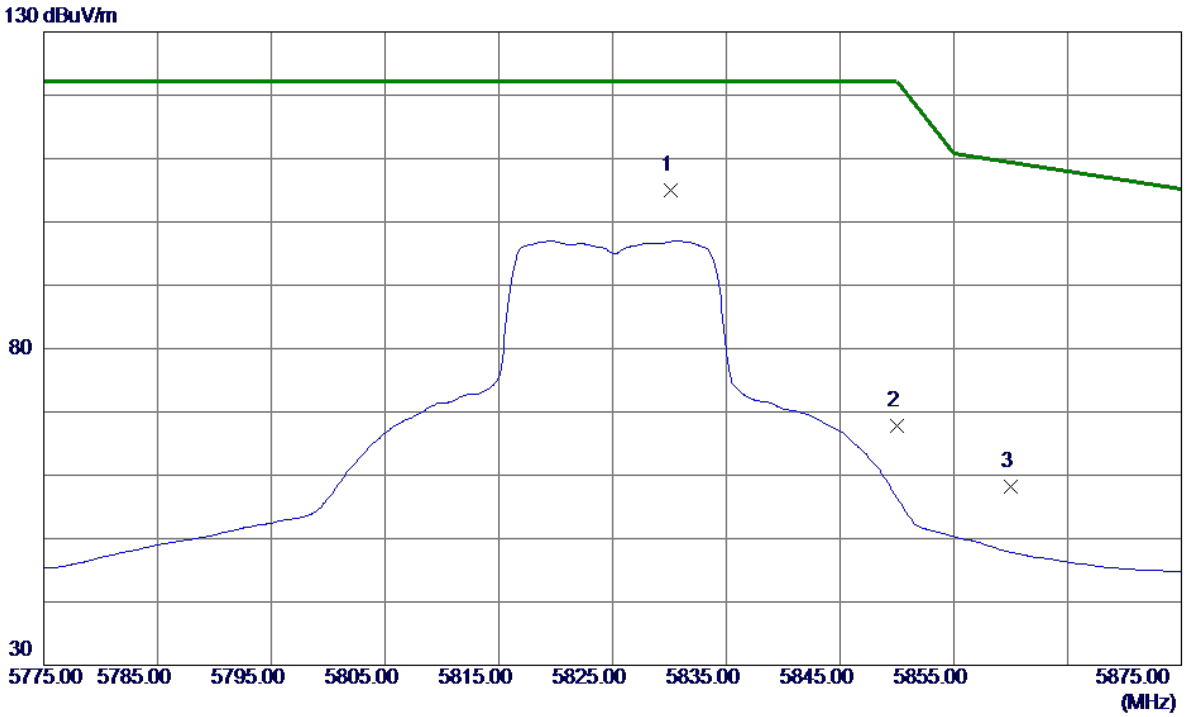
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11570.2000	34.53	17.82	52.35	54.00	-1.65	AVG	
2	11568.3500	47.50	17.82	65.32	74.00	-8.68	Peak	

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

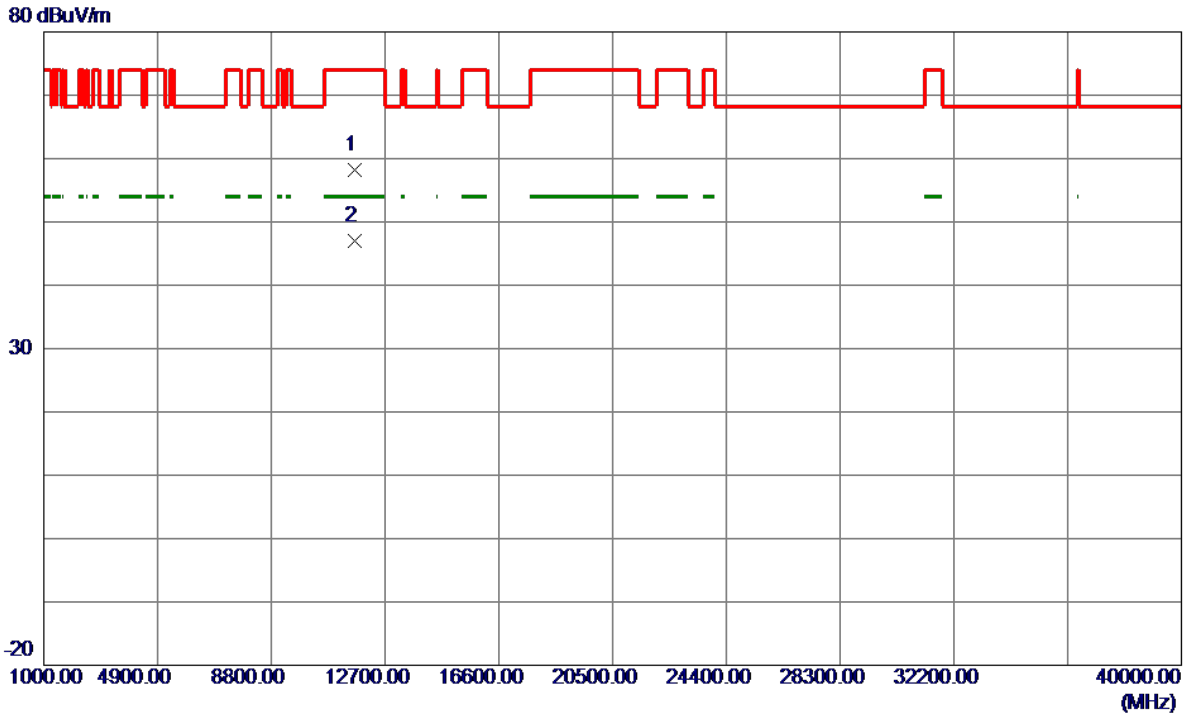
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5830.1000	61.10	43.88	104.98	122.20	-17.22	Peak	
2	5850.0000	23.87	43.94	67.81	122.20	-54.39	Peak	
3	5860.0000	14.32	43.97	58.29	109.40	-51.11	Peak	

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

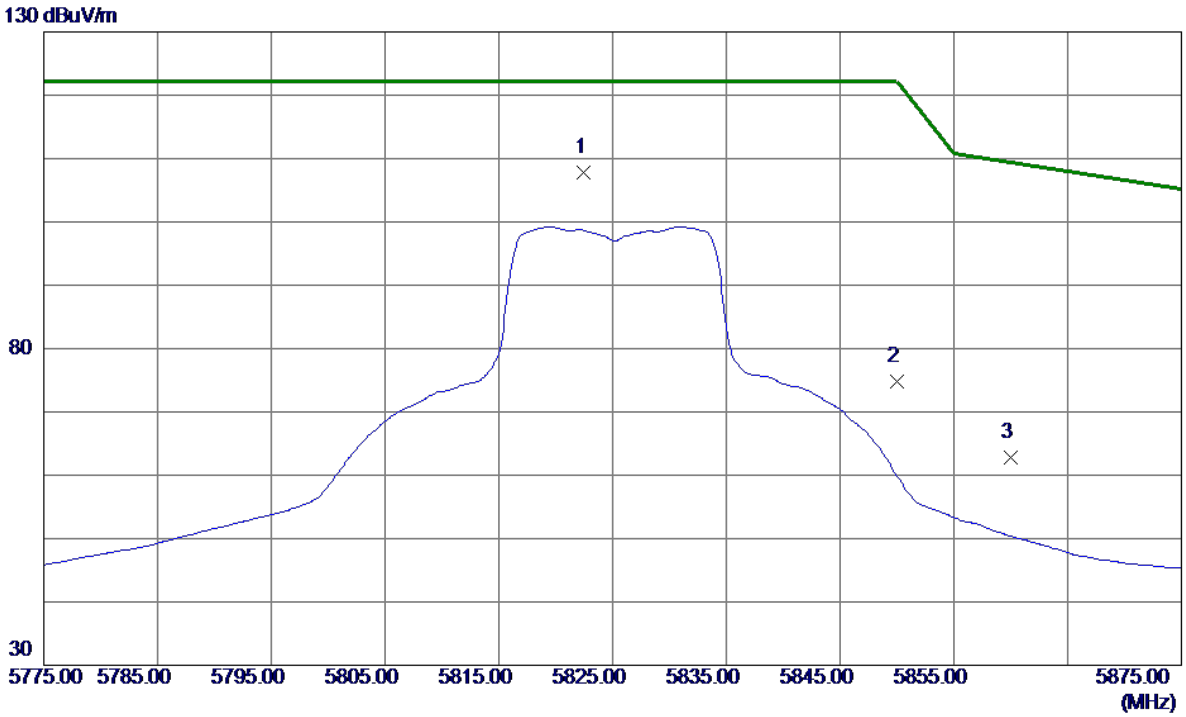
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11650.8500	40.38	17.86	58.24	74.00	-15.76	Peak	
2 *	11650.8500	29.12	17.86	46.98	54.00	-7.02	AVG	

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

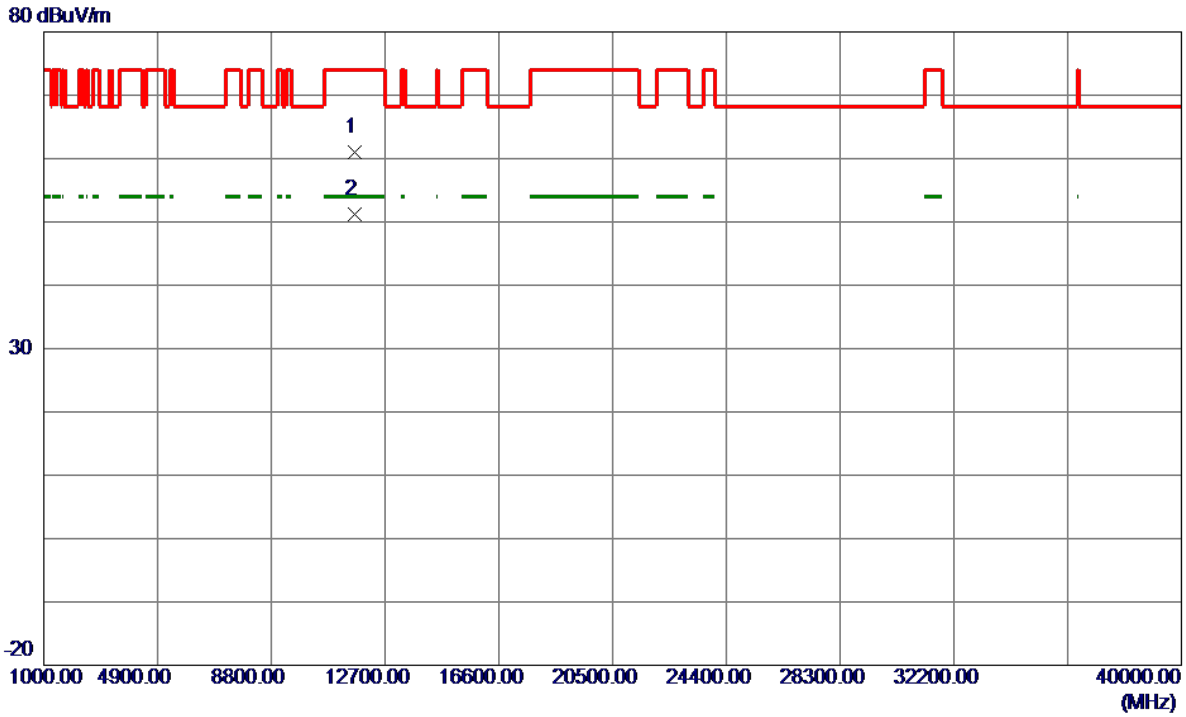
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5822.5000	63.88	43.85	107.73	122.20	-14.47	Peak	
2	5850.0000	30.78	43.94	74.72	122.20	-47.48	Peak	
3	5860.0000	18.91	43.97	62.88	109.40	-46.52	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11649.3000	43.09	17.86	60.95	74.00	-13.05	Peak	
2 *	11650.2000	33.31	17.86	51.17	54.00	-2.83	AVG	