FCC&ISED Radio Test Report

FCC ID: 2AO2D-MJJGYY02FM

IC: 23681-MJJGYY02FM

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

Project No.	:	1803C261
Equipment	:	Mi Ultra-Short Range Laser Projector
Test Model for FCC&IC	:	MJJGYY02FM
Series Model for FCC	:	MJJGYYXXFM (X=0-9, A-Z,- or blank, indicates for different market purposes)
Applicant	:	Fengmi(Beijing)Technology Co.,Ltd
Address	:	301, 3F, Building 3 No. 10, Shunyi District Renhe Town Barracks South Street, Beijing, China

Date of Receipt	:	Mar. 26, 2018
Date of Test	:	Mar. 28, 2018 ~ May 10, 2018
Issued Date	:	May 29, 2018
Tested by	:	BTL Inc.

Testing Engineer : Paul Li
(Paul Li)

Technical Manager : Shawn Xiao
(Shawn Xiao)

Authorized Signatory : David Mao
(David Mao)

BTL INC.

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FICP-5-1803C261	Original Issue.	May 22, 2018
MDG1805049	Update the applicant name.	May 29, 2018

1. CERTIFICATION

Equipment	:	Mi Ultra-Short Range Laser Projector
Brand Name	:	MI
Test Model for FCC&IC	:	MJJGYY02FM
Series Model for FCC	:	MJJGYYXXFM (X=0-9, A-Z,- or blank, indicates for different market purposes)
Applicant	:	Fengmi(Beijing)Technology Co.,Ltd
Date of Test	:	Mar. 28, 2018 ~ May 10, 2018
Test Sample	:	Engineering Sample No.: D180302577 for Conducted, D180302578 for Radiated
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013 RSS-247 Issue 2, Feb. 2017 RSS-GEN Issue 4, Nov 2014

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-FICP-5-1803C261) 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).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407) RSS-247 Issue 2, Feb. 2017, RSS-GEN Issue 4, Nov. 2014				
Standard(s) Section		Test Item	Judgment	Remark
FCC	IC			
15.207	RSS-GEN 8.8	AC Power Line Conducted Emissions	PASS	
15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.2.1 RSS-247 6.2.3.1 RSS-247 6.2.4.1	26dB Spectrum Bandwidth	PASS	
15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.2.1 RSS-247 6.2.3.1 RSS-247 6.2.4.1	Maximum Conducted Output Power	PASS	
15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.2.1 RSS-247 6.2.3.1 RSS-247 6.2.4.1	Power Spectral Density	PASS	
15.407(a)	RSS-247 6.2.1.2 RSS-247 6.2.2.2 RSS-247 6.2.3.2 RSS-247 6.2.4.2	Radiated Emissions	PASS	
15.407(b)	RSS-247 6.2.1.2 RSS-247 6.2.2.2 RSS-247 6.2.3.2 RSS-247 6.2.4.2	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
BTL's test firm number for IC: 4428B-1

2.2 MEASUREMENT UNCERTAINTY

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

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Mi Ultra-Short Range Laser Projector	
Brand Name	MI	
Test Model for FCC&IC	MJJGYY02FM	
Series Model for FCC	MJJGYYXXFM (X=0-9, A-Z,- or blank, indicates for different market purposes)	
Model Difference	Only differ in market purposes.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300 Mbps
	Output Power (Max.)for UNII-1	802.11a: 16.85dBm 802.11n (20M): 15.89dBm 802.11ac (20M): 16.87dBm
	EIRP Output Power (Max.)for UNII-1	802.11a: 18.84dBm 802.11n (20M): 17.89dBm 802.11ac (20M): 18.87dBm
	Output Power (Max.)for UNII-2A	802.11a: 16.77dBm 802.11n (20M): 15.80dBm 802.11ac (20M): 16.77dBm
	Output Power (Max.)for UNII-2C	802.11a: 16.82dBm 802.11n (20M): 16.14dBm 802.11ac (20M): 16.73dBm
	Output Power (Max.)for UNII-3	802.11a: 16.87dBm 802.11n (20M): 16.00dBm 802.11ac (20M): 16.97dBm
Power Source	AC Mains	
Power Rating	100-240V~ 50/60Hz	

Note:

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

UNII-1	
Channel	Frequency (MHz)
36	5180
40	5200
44	5220
48	5240

UNII-2A	
Channel	Frequency (MHz)
52	5260
56	5280
60	5300
64	5320

UNII-2C	
Channel	Frequency (MHz)
100	5500
104	5520
108	5540
112	5560
116	5580
132	5660
136	5680
140	5700

UNII-3	
Channel	Frequency (MHz)
149	5745
153	5765
157	5785
161	5805
165	5825

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	2
2	N/A	N/A	Internal	N/A	2

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed two transmitters and receivers (2T2R).

4.

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

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 4	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 13	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 4	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX AC20 Mode / CH149,CH157,CH165 (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

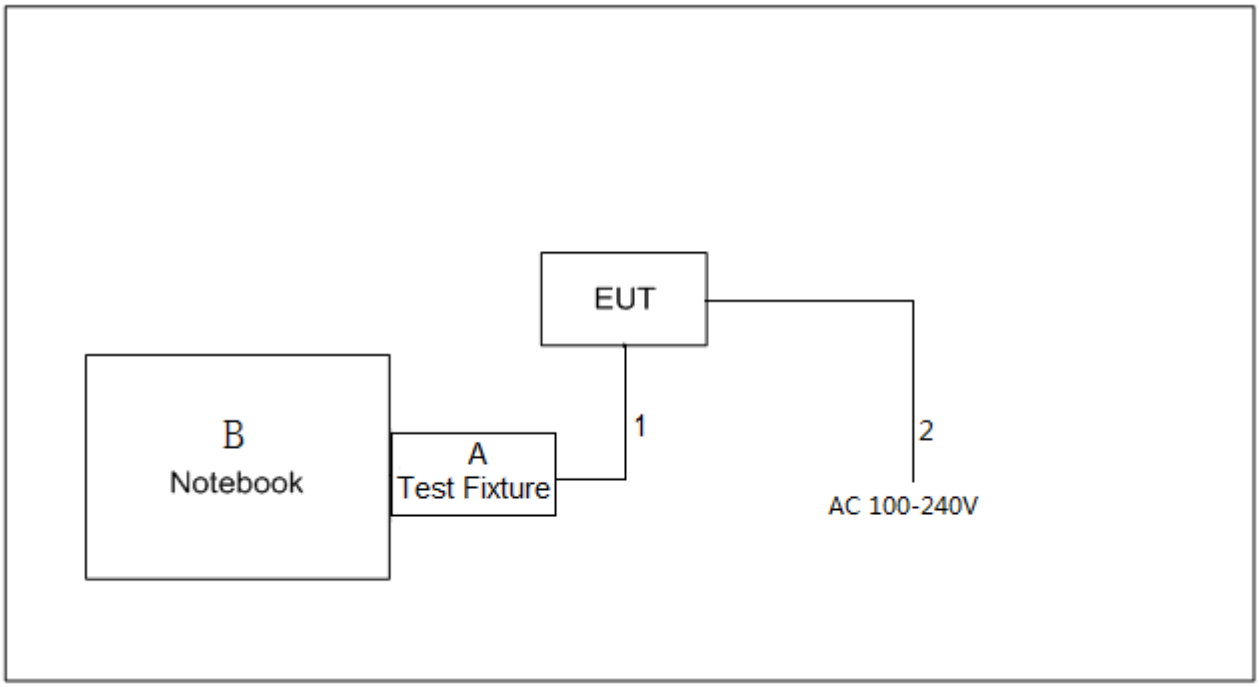
UNII-1			
Test Software Version	IPOP		
Frequency (MHz)	5180	5200	5240
A Mode	45	44	44
Frequency (MHz)	5180	5200	5240
N20 Mode	41	41	41
AC20 Mode	42	41	42

UNII-2A			
Test Software Version	IPOP		
Frequency (MHz)	5260	5300	5320
A Mode	43	46	47
Frequency (MHz)	5260	5300	5320
N20 Mode	41	43	44
AC20 Mode	42	44	44

UNII-2C			
Test Software Version	IPOP		
Frequency (MHz)	5500	5580	5700
A Mode	60	59	55
Frequency (MHz)	5500	5580	5700
N20 Mode	57	57	52
AC20 Mode	56	55	52

UNII-3			
Test Software Version	IPOP		
Frequency (MHz)	5745	5785	5825
A Mode	54	53	52
Frequency (MHz)	5745	5785	5825
N20 Mode	50	49	49
AC20 Mode	52	50	51

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	Test Fixture	N/A	N/A	N/A	N/A
B	Notebook	Dell	DCSM	DOC	G7K832X

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.0m	Data Cable
2	NO	NO	1.5m	AC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

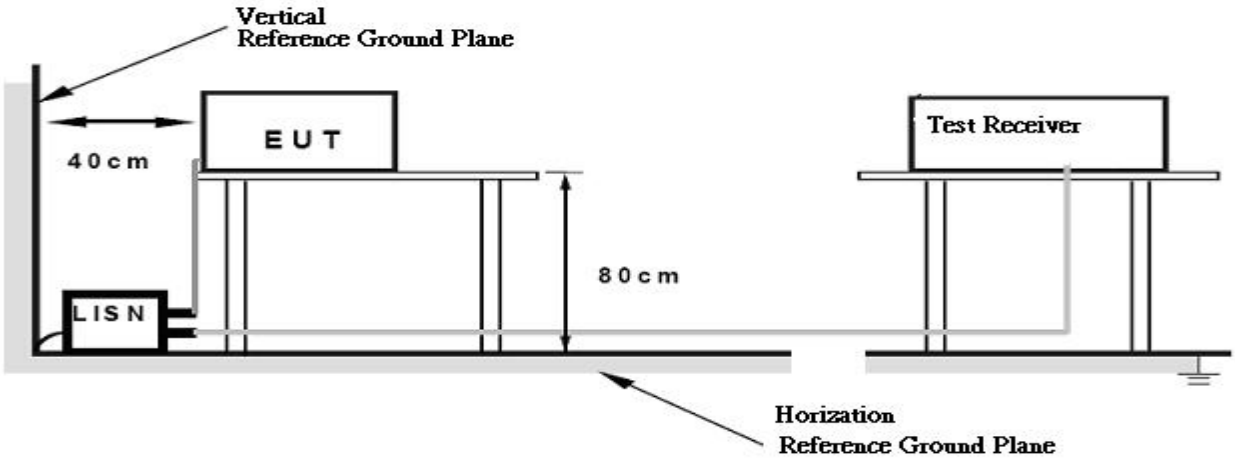
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

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

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

4.2.2 TEST PROCEDURE

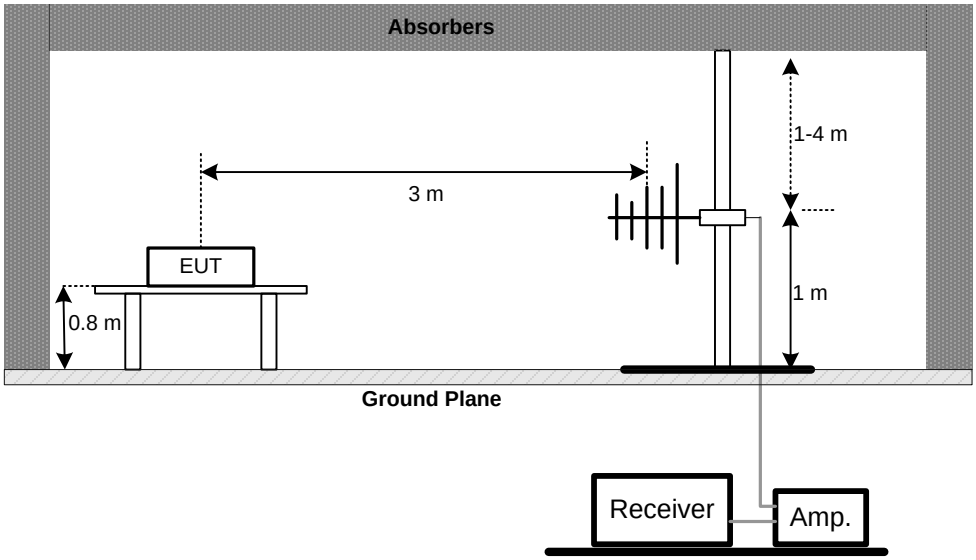
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

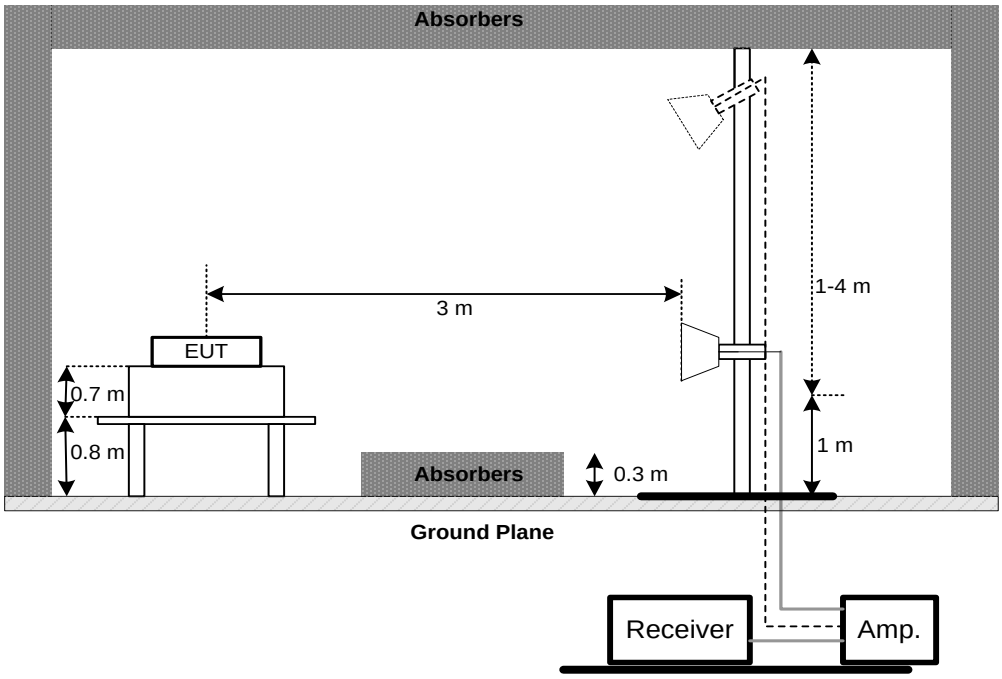
No deviation

4.2.4 TEST SETUP

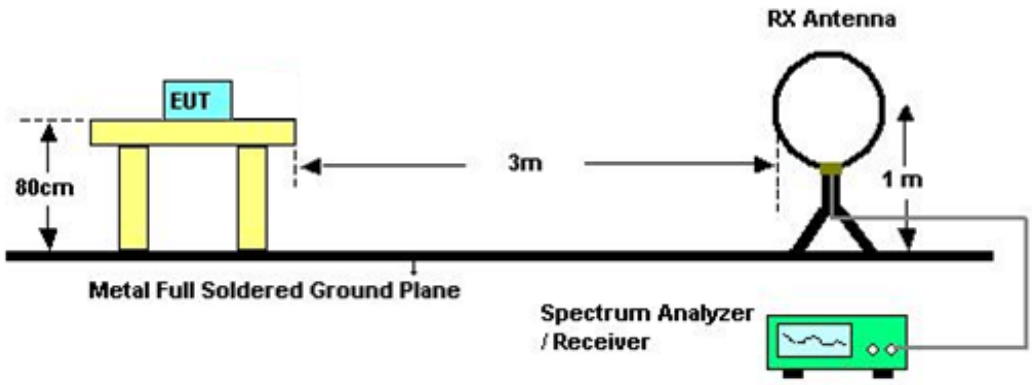
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E / RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	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: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E / RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
EIRP Power	not exceed 200 mW(23dBm) or 10 + 10 $\log_{10}$ B	5150-5250	PASS
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	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 spectrum analyzer and antenna output port as show in the block diagram below,
b. Used spectrum analyzer band power measurement function.
c.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E / RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
EIRP spectral Density	10dBm/MHz	5150-5250	PASS
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	5470-5725	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

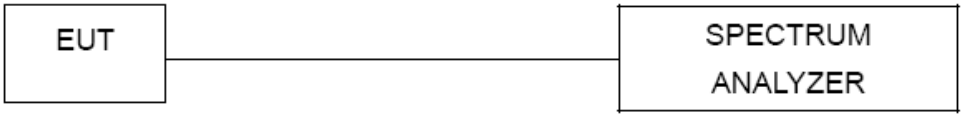
Note:

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: AC 120V/60Hz

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E / RSS-247			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	Specified in the user's manual	5150-5250	PASS
		5250-5350	PASS
		5470-5725	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

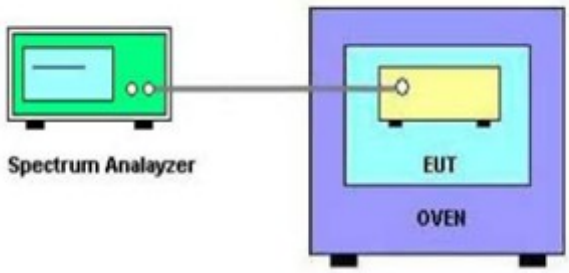
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -30°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

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

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

Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

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

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

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

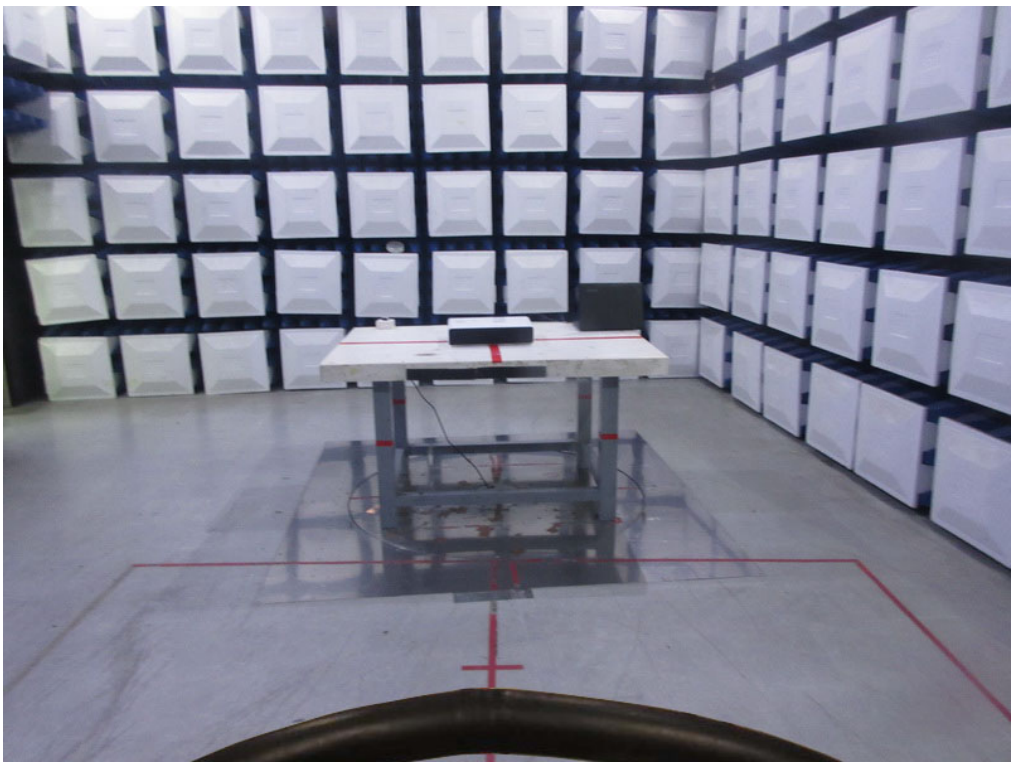
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

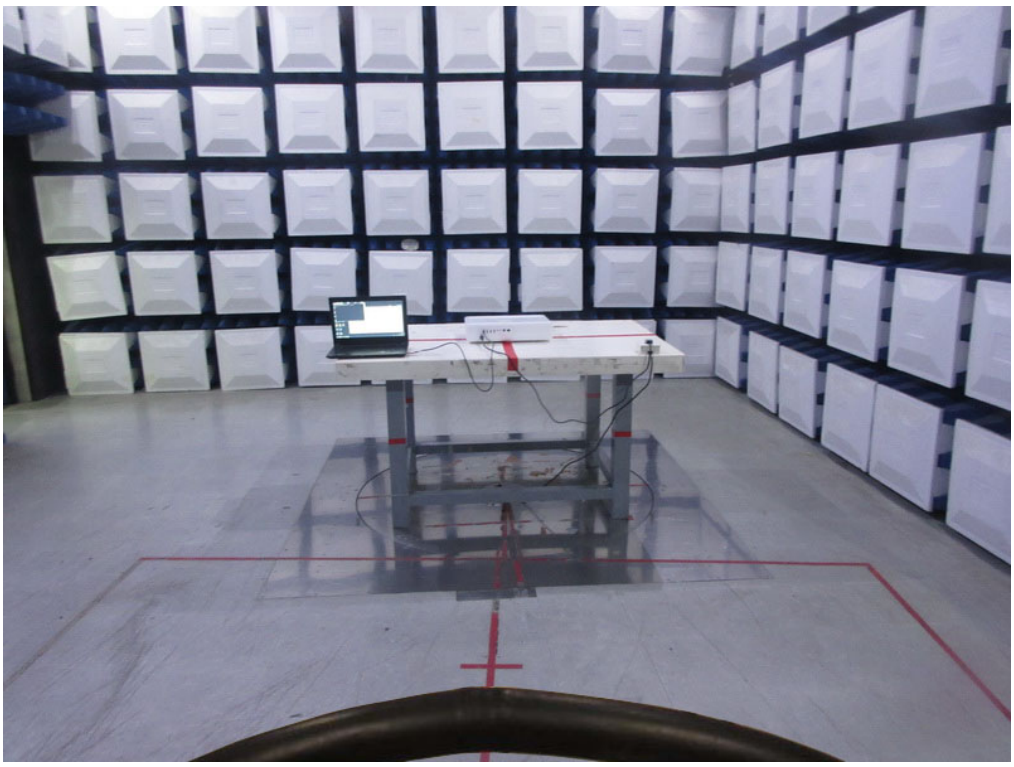
10. EUT TEST PHOTOS

Conducted Measurement Photos

Radiated Measurement Photos

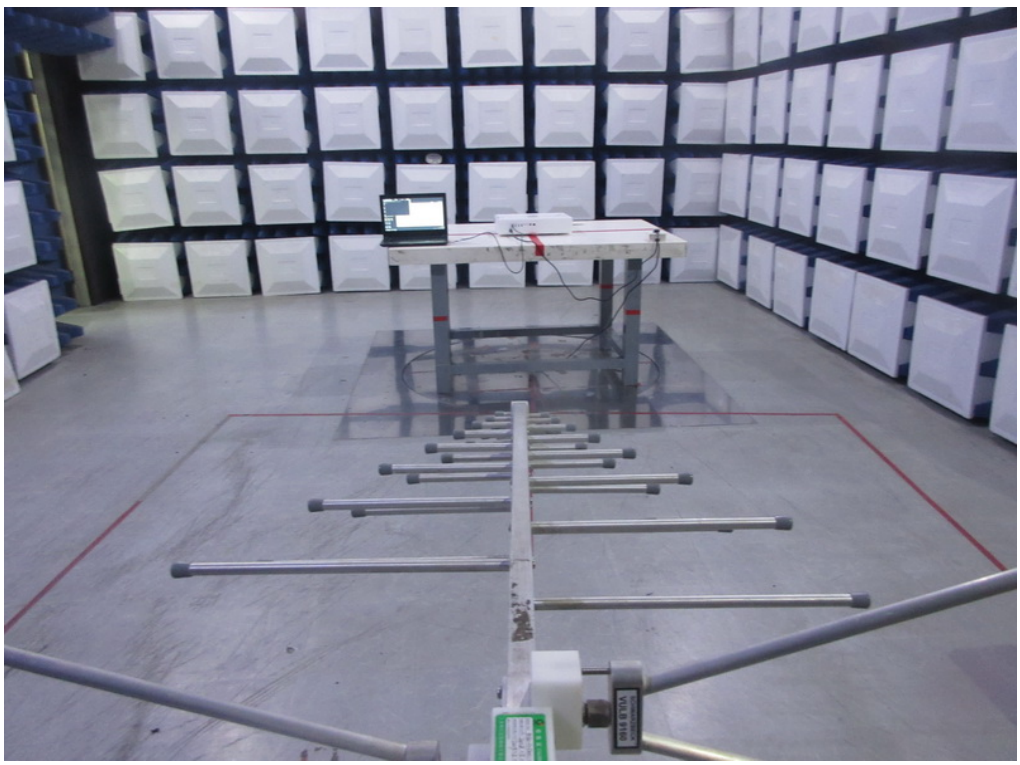
9KHz to 30MHz





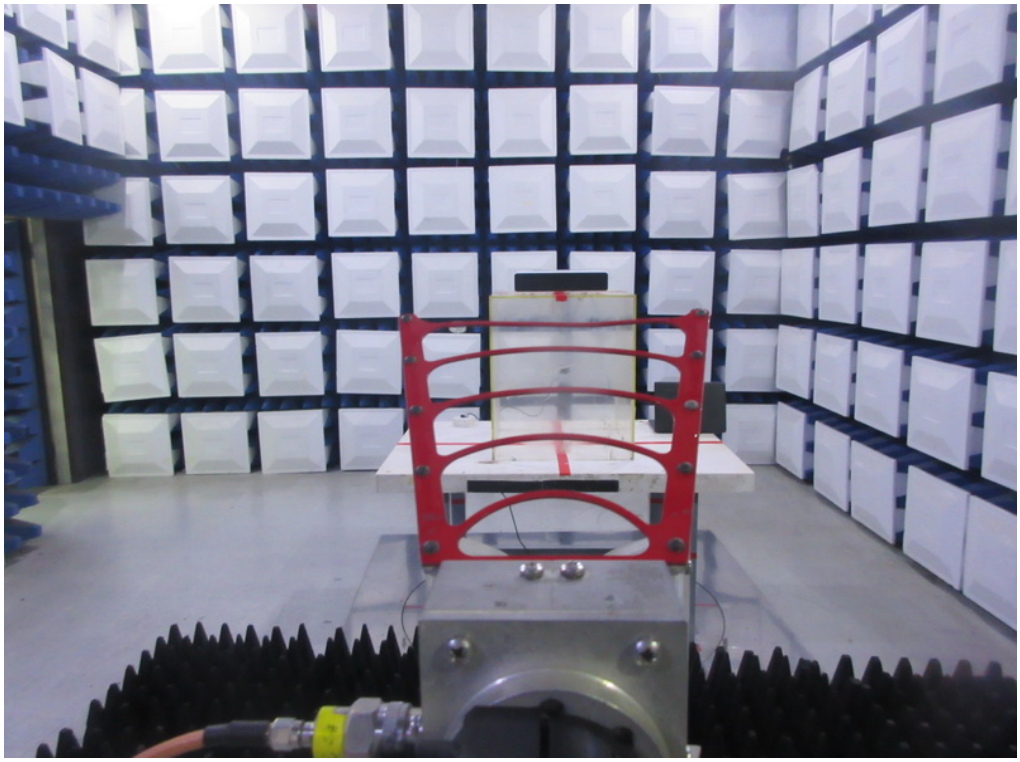
Radiated Measurement Photos

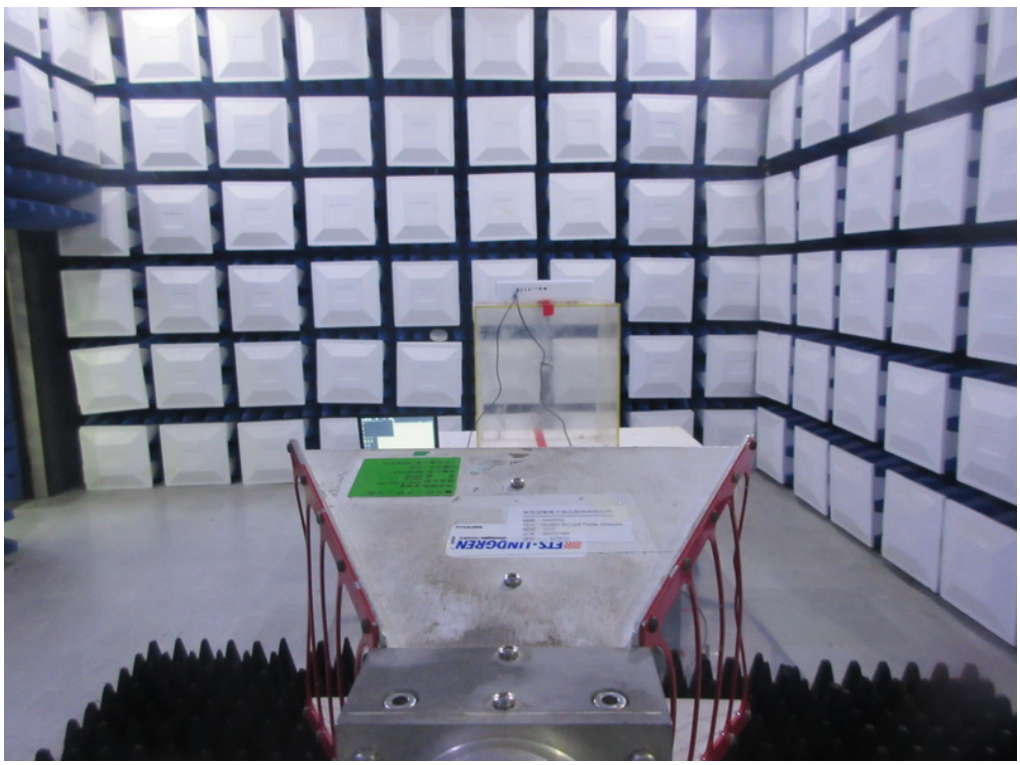
30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz

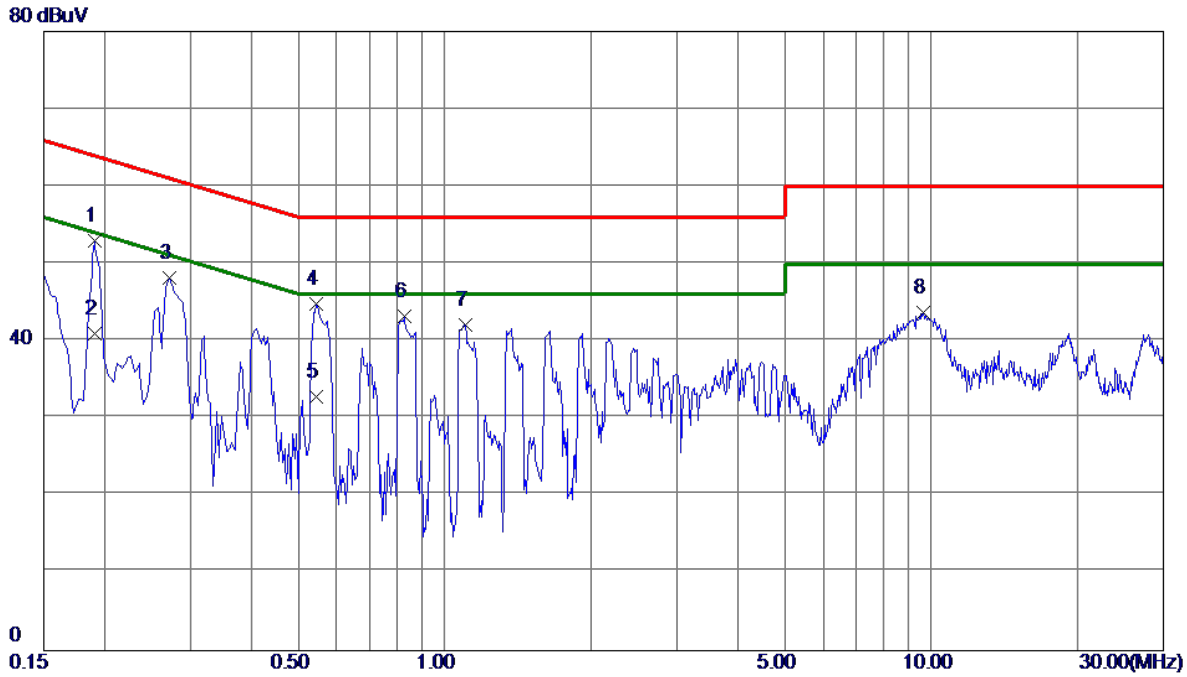




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

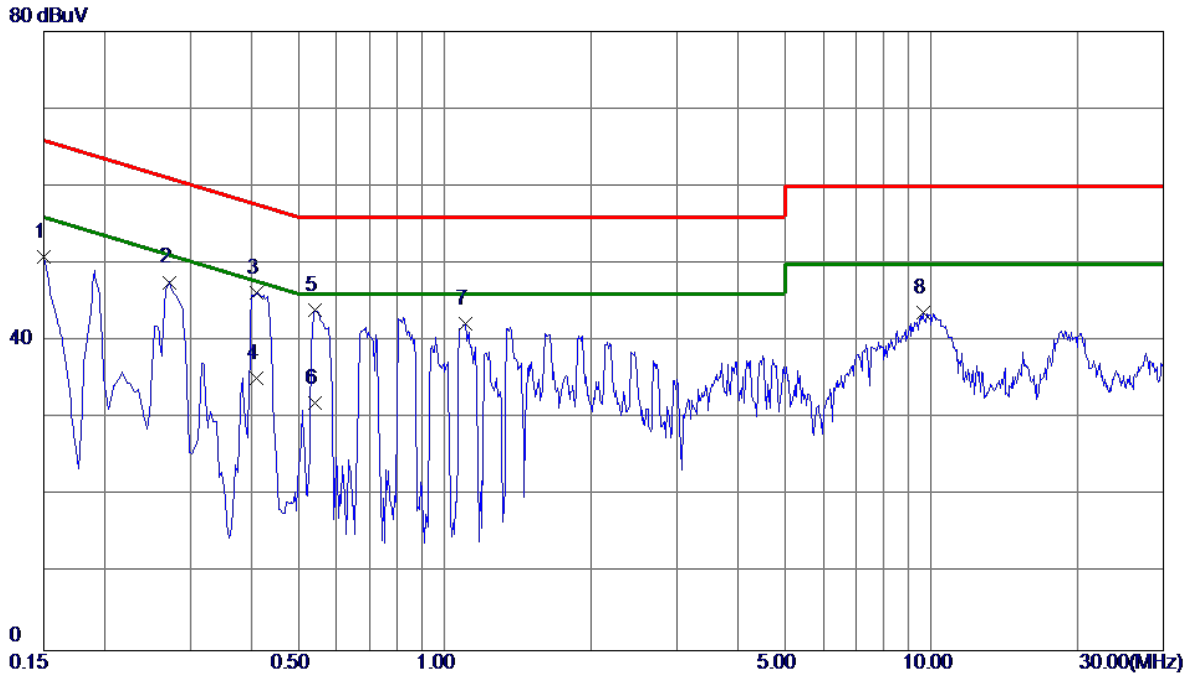


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.1905	43.19	9.76	52.95	64.01	-11.06	Peak	
2	0.1905	31.21	9.76	40.97	54.01	-13.04	AVG	
3	0.2714	38.35	9.74	48.09	61.07	-12.98	Peak	
4	0.5460	34.99	9.74	44.73	56.00	-11.27	Peak	
5	0.5460	23.10	9.74	32.84	46.00	-13.16	AVG	
6	0.8250	33.29	9.84	43.13	56.00	-12.87	Peak	
7	1.1040	32.29	9.86	42.15	56.00	-13.85	Peak	
8	9.6180	33.42	10.30	43.72	60.00	-16.28	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



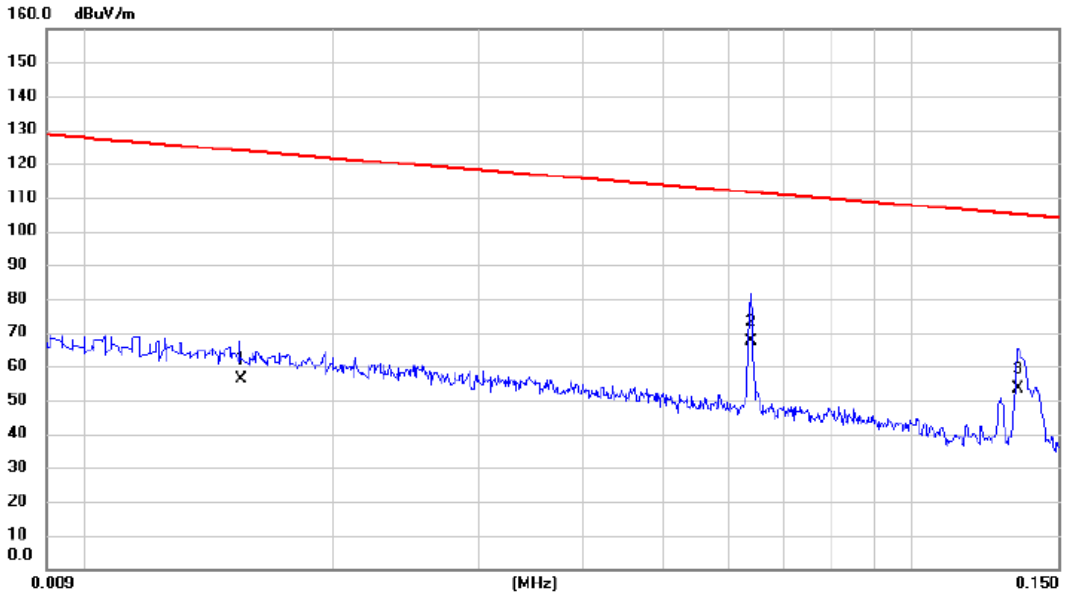
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1500	41.28	9.67	50.95	66.00	-15.05	Peak	
2	0.2714	37.94	9.66	47.60	61.07	-13.47	Peak	
3 *	0.4110	36.59	9.63	46.22	57.63	-11.41	Peak	
4	0.4110	25.50	9.63	35.13	47.63	-12.50	AVG	
5	0.5413	34.43	9.64	44.07	56.00	-11.93	Peak	
6	0.5413	22.30	9.64	31.94	46.00	-14.06	AVG	
7	1.1040	32.56	9.75	42.31	56.00	-13.69	Peak	
8	9.6090	33.37	10.25	43.62	60.00	-16.38	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX Mode

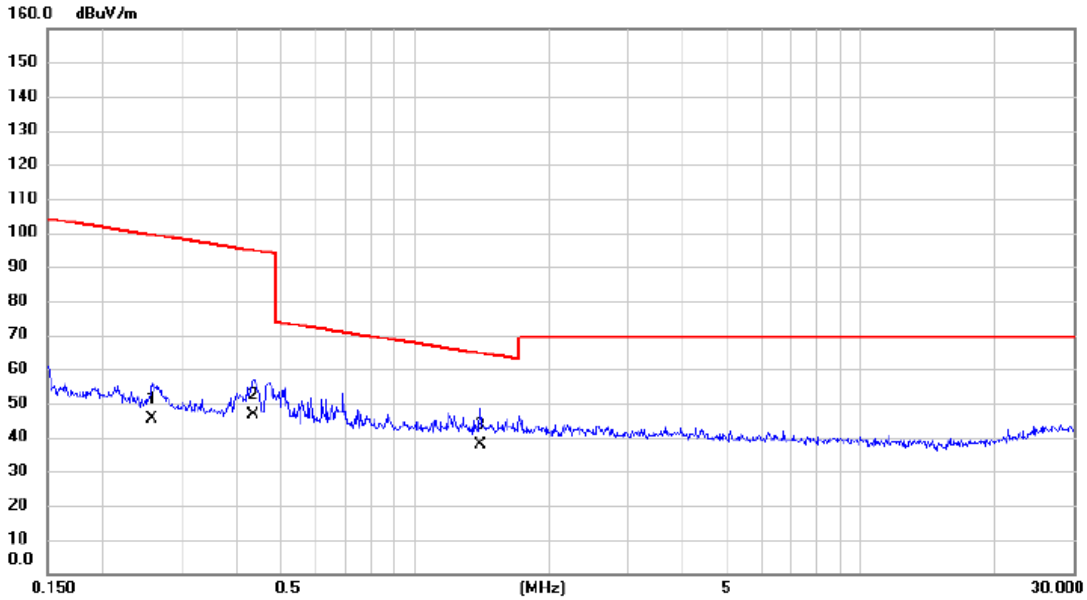
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.015	36.20	20.20	56.40	123.80	-67.40	AVG	
2	*	0.064	48.90	18.45	67.35	111.48	-44.13	AVG	
3		0.134	36.20	17.16	53.36	105.04	-51.68	AVG	

Test Mode:	TX Mode

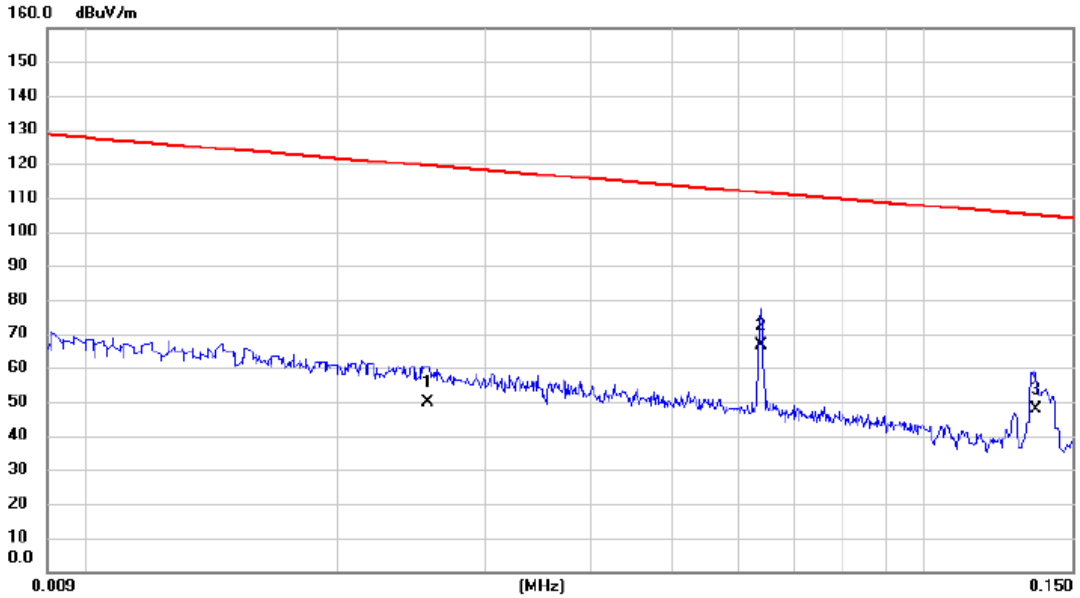
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.258	28.70	16.65	45.35	99.39	-54.04	AVG	
2		0.435	30.10	16.52	46.62	94.83	-48.21	AVG	
3	*	1.403	22.20	15.74	37.94	64.66	-26.72	QP	

Test Mode:	TX Mode

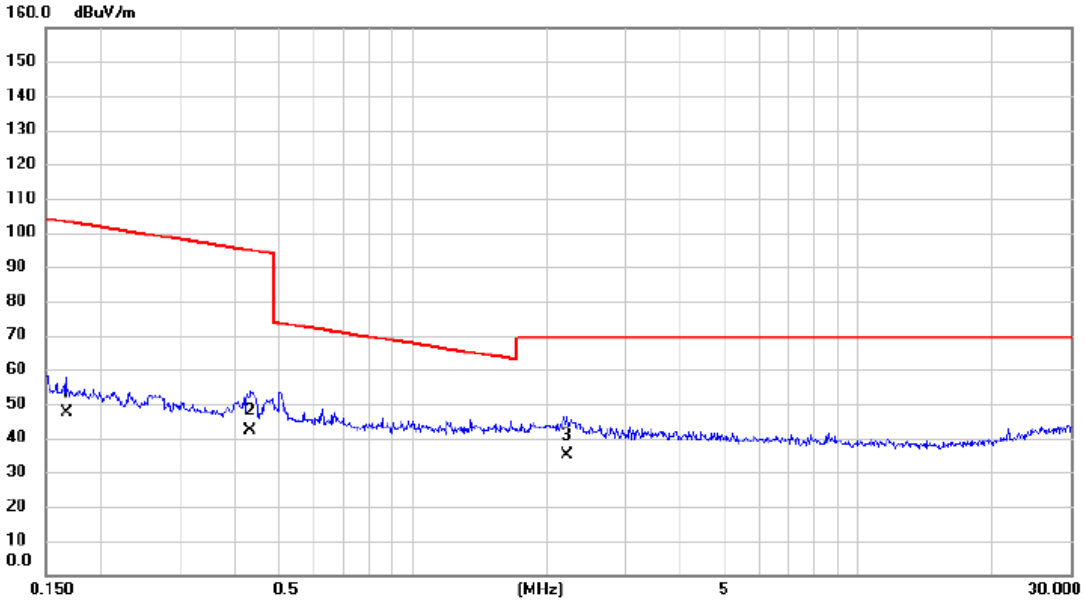
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.026	30.20	19.45	49.65	119.44	-69.79	AVG	
2	*	0.064	48.10	18.45	66.55	111.48	-44.93	AVG	
3		0.136	30.60	17.14	47.74	104.96	-57.22	AVG	

Test Mode:	TX Mode

Ant 90°

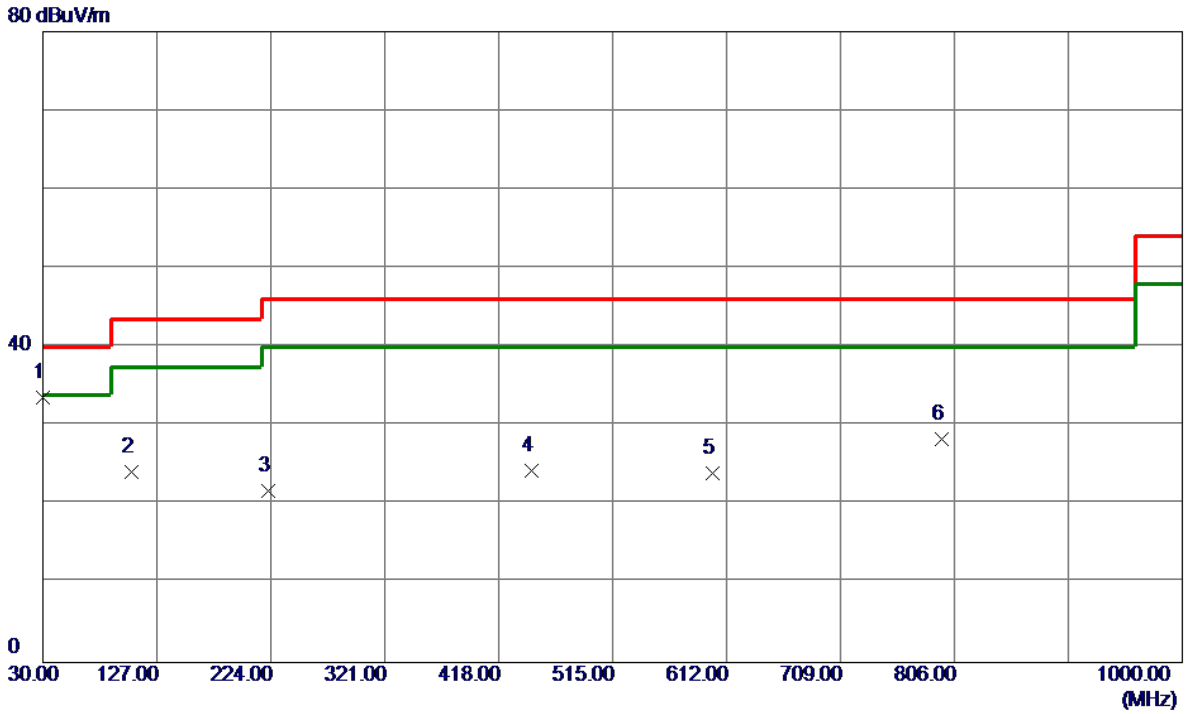


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.168	30.60	16.90	47.50	103.12	-55.62	AVG	
2		0.433	25.80	16.52	42.32	94.88	-52.56	AVG	
3	*	2.225	19.40	15.44	34.84	69.54	-34.70	QP	

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

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

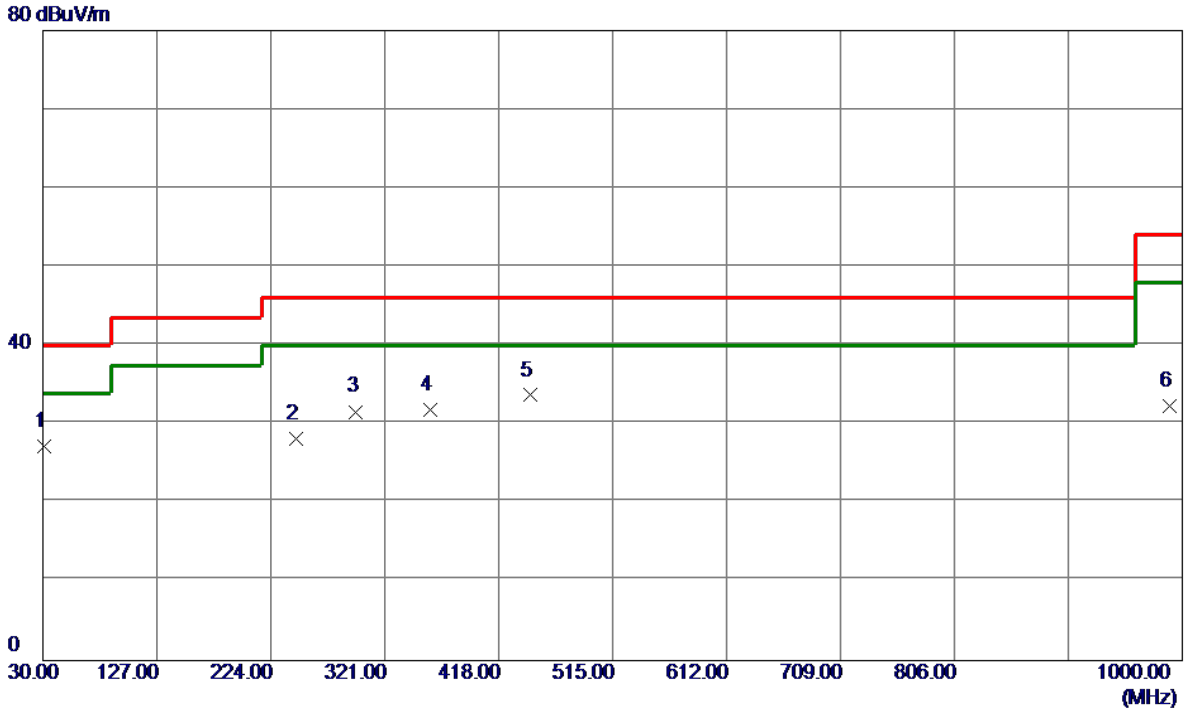
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	48.85	-15.32	33.53	40.00	-6.47	QP	
2	105.6600	41.89	-17.77	24.12	43.50	-19.38	Peak	
3	222.0600	37.33	-15.61	21.72	46.00	-24.28	Peak	
4	446.1300	32.63	-8.26	24.37	46.00	-21.63	Peak	
5	600.3600	30.97	-6.98	23.99	46.00	-22.01	Peak	
6	795.3300	30.28	-1.90	28.38	46.00	-17.62	Peak	

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

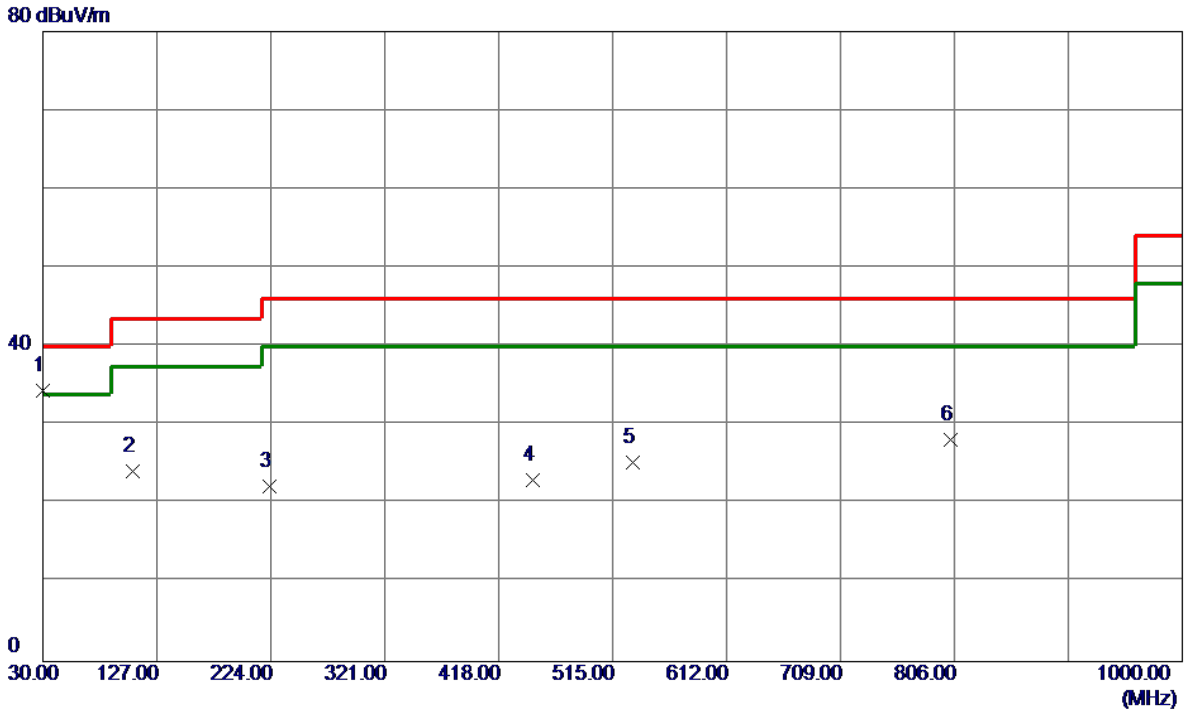
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	30.9700	42.55	-15.36	27.19	40.00	-12.81	Peak	
2	245.3400	43.30	-15.21	28.09	46.00	-17.91	Peak	
3	296.7500	42.91	-11.31	31.60	46.00	-14.40	Peak	
4	359.8000	43.35	-11.48	31.87	46.00	-14.13	Peak	
5 *	445.1600	41.98	-8.30	33.68	46.00	-12.32	Peak	
6	989.3300	32.27	0.02	32.29	54.00	-21.71	Peak	

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

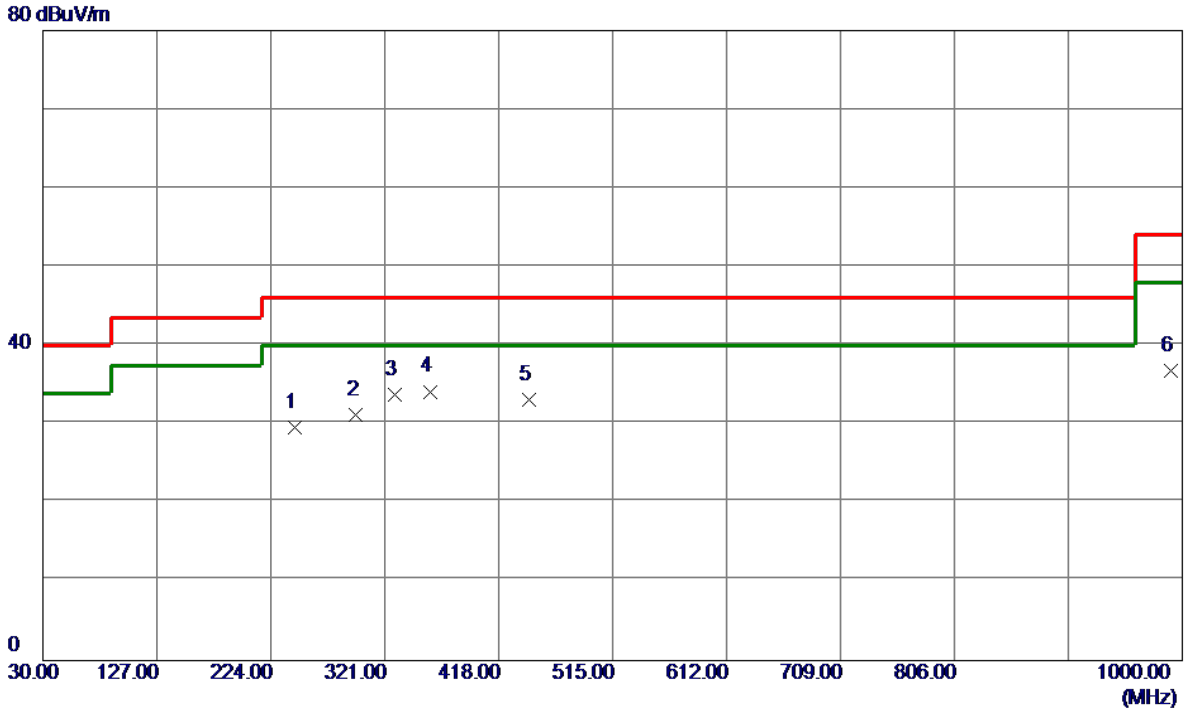
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	49.79	-15.32	34.47	40.00	-5.53	QP	
2	106.6300	41.74	-17.58	24.16	43.50	-19.34	Peak	
3	223.0300	37.82	-15.62	22.20	46.00	-23.80	Peak	
4	447.1000	31.30	-8.23	23.07	46.00	-22.93	Peak	
5	532.4600	32.51	-7.23	25.28	46.00	-20.72	Peak	
6	803.0900	29.84	-1.67	28.17	46.00	-17.83	Peak	

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

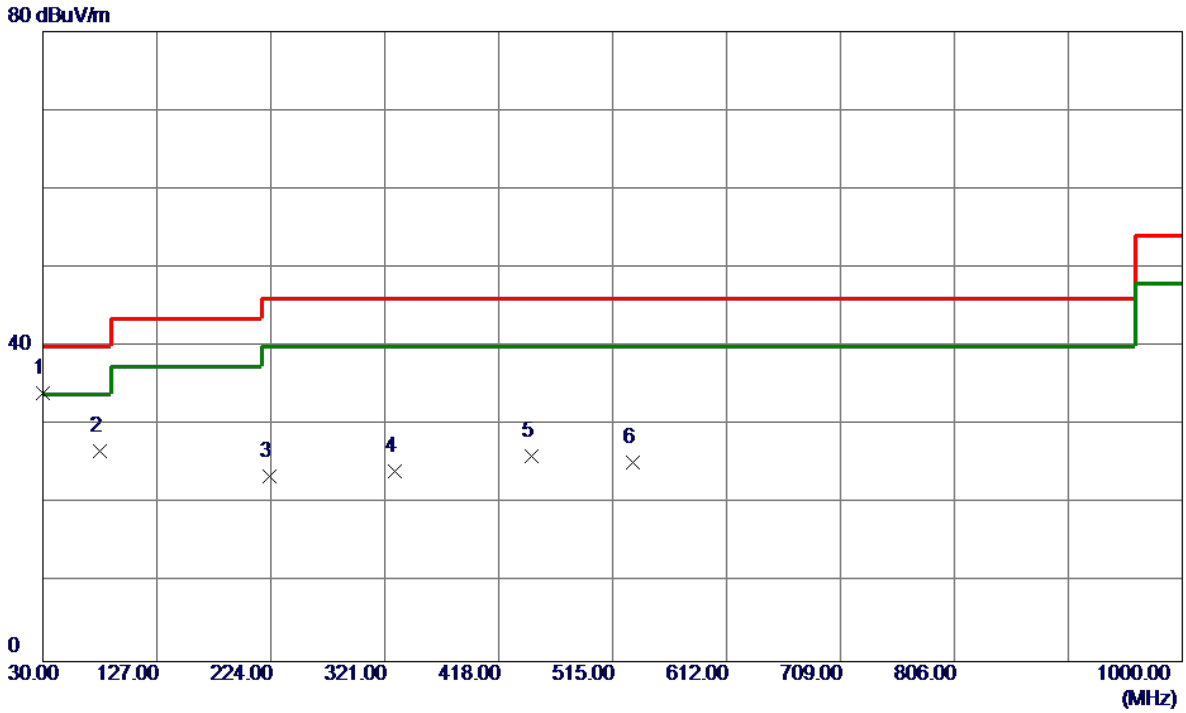
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	244.3700	44.87	-15.25	29.62	46.00	-16.38	Peak	
2	296.7500	42.57	-11.31	31.26	46.00	-14.74	Peak	
3	329.7300	45.32	-11.53	33.79	46.00	-12.21	Peak	
4 *	359.8000	45.64	-11.48	34.16	46.00	-11.84	Peak	
5	444.1900	41.51	-8.34	33.17	46.00	-12.83	Peak	
6	990.3000	36.86	-0.01	36.85	54.00	-17.15	Peak	

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

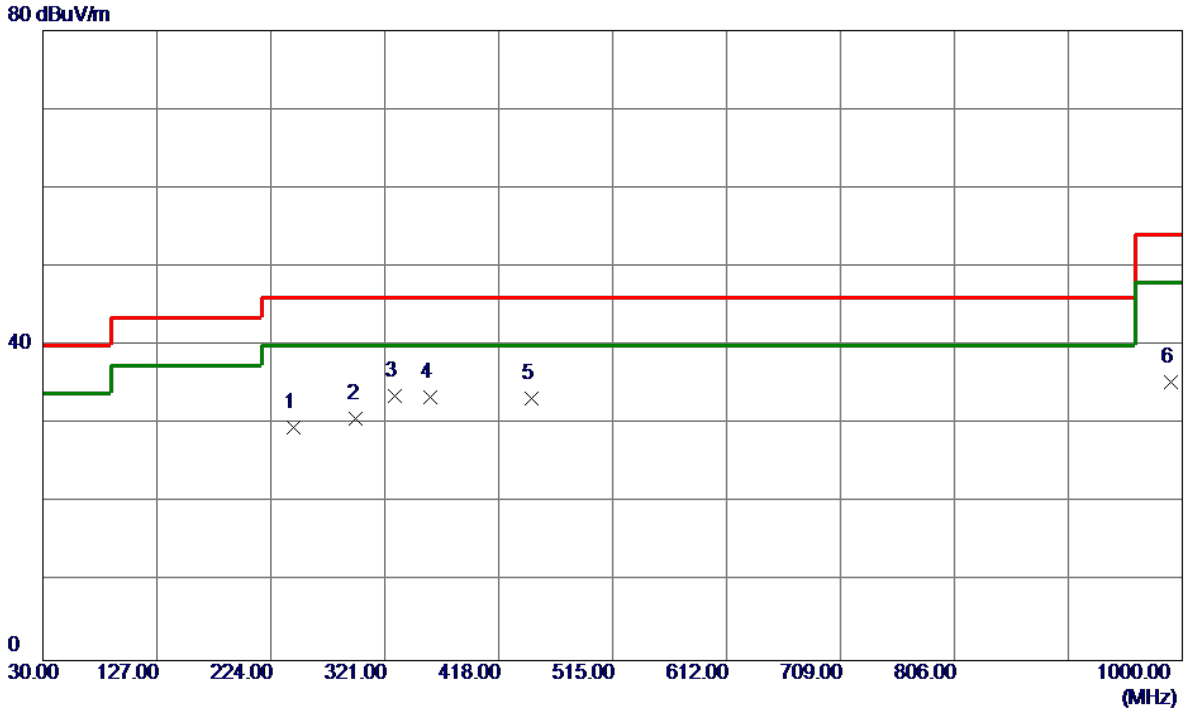
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	49.45	-15.32	34.13	40.00	-5.87	QP	
2	78.5000	45.82	-19.08	26.74	40.00	-13.26	Peak	
3	223.0300	39.07	-15.62	23.45	46.00	-22.55	Peak	
4	329.7300	35.65	-11.53	24.12	46.00	-21.88	Peak	
5	446.1300	34.28	-8.26	26.02	46.00	-19.98	Peak	
6	532.4600	32.45	-7.23	25.22	46.00	-20.78	Peak	

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

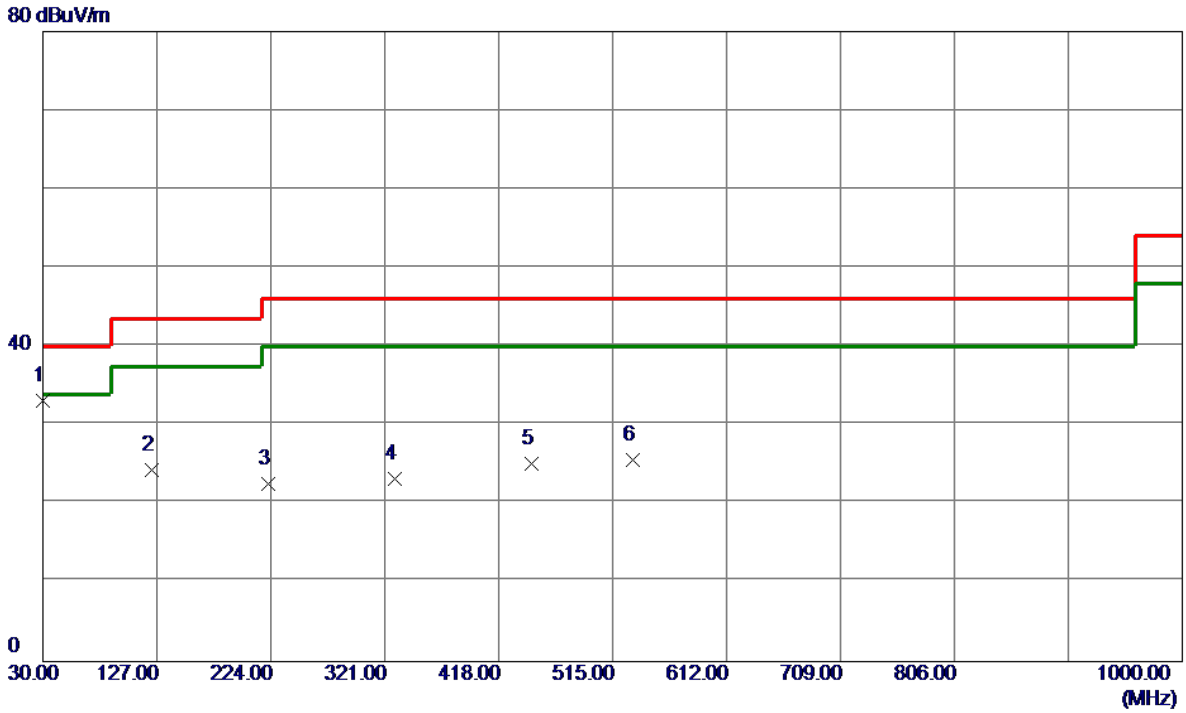
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	243.4000	44.94	-15.28	29.66	46.00	-16.34	Peak	
2	296.7500	41.99	-11.31	30.68	46.00	-15.32	Peak	
3 *	329.7300	45.17	-11.53	33.64	46.00	-12.36	Peak	
4	359.8000	44.94	-11.48	33.46	46.00	-12.54	Peak	
5	446.1300	41.49	-8.26	33.23	46.00	-12.77	Peak	
6	990.3000	35.32	-0.01	35.31	54.00	-18.69	Peak	

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

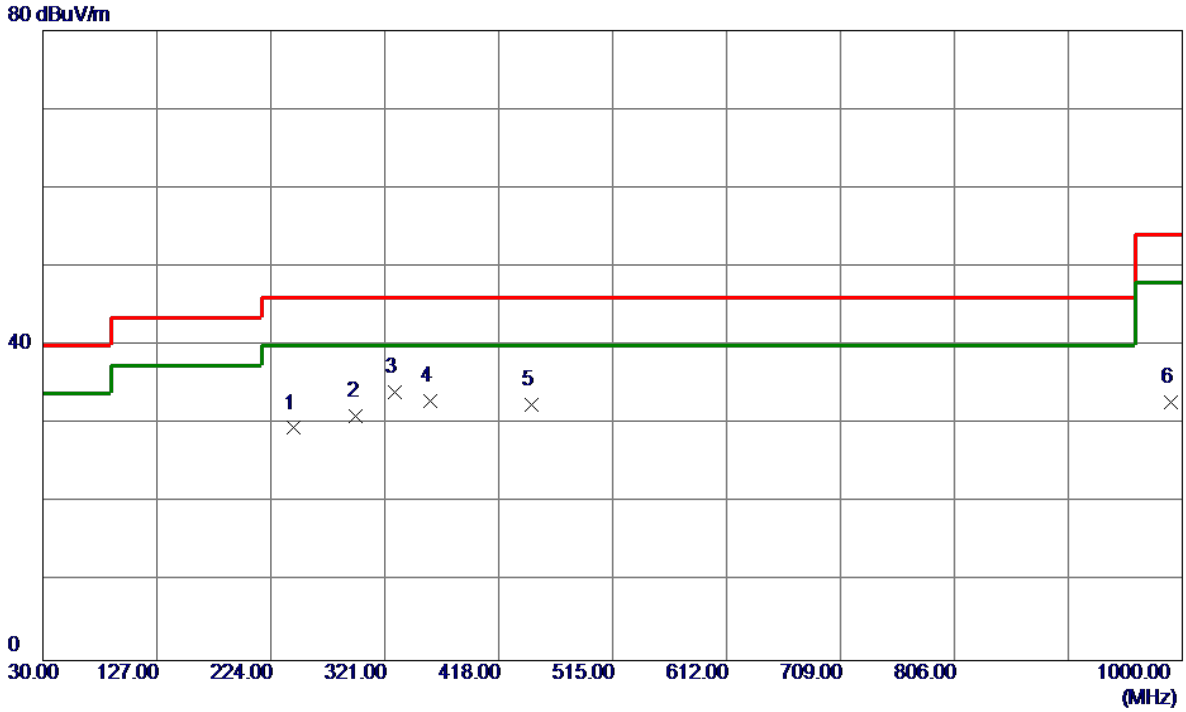
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	48.41	-15.32	33.09	40.00	-6.91	QP	
2	123.1200	39.23	-14.93	24.30	43.50	-19.20	Peak	
3	222.0600	38.22	-15.61	22.61	46.00	-23.39	Peak	
4	329.7300	34.70	-11.53	23.17	46.00	-22.83	Peak	
5	446.1300	33.37	-8.26	25.11	46.00	-20.89	Peak	
6	532.4600	32.76	-7.23	25.53	46.00	-20.47	Peak	

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

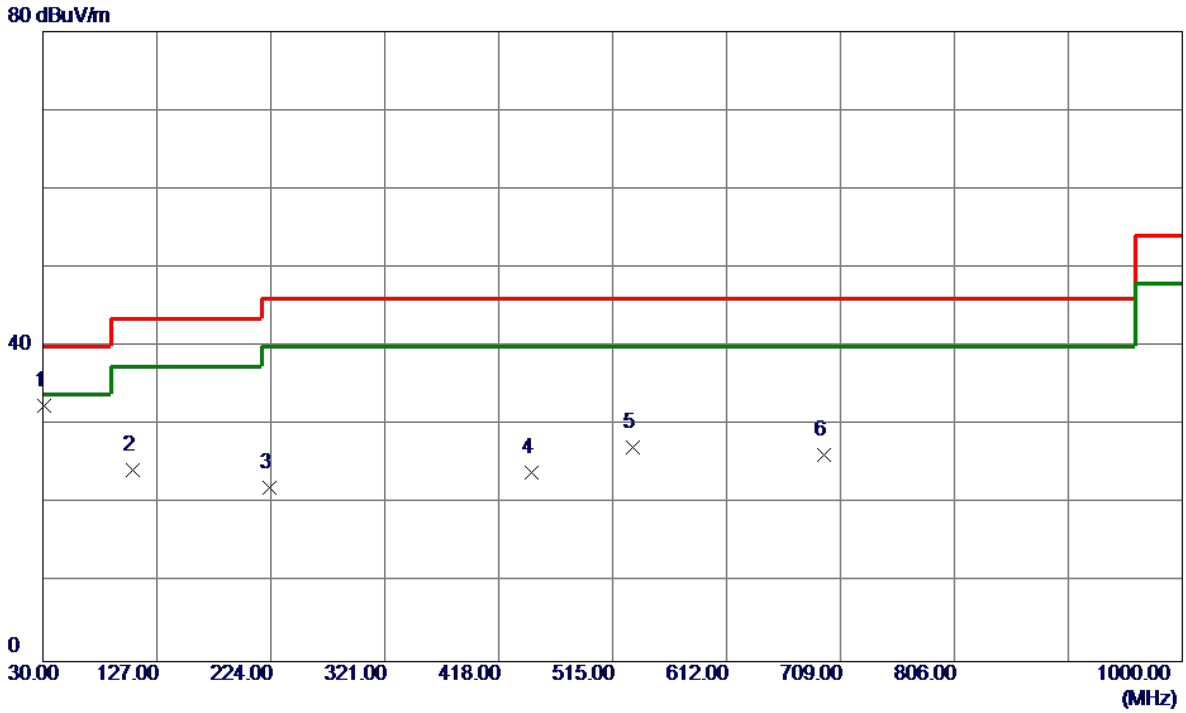
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	243.4000	44.80	-15.28	29.52	46.00	-16.48	Peak	
2	296.7500	42.41	-11.31	31.10	46.00	-14.90	Peak	
3 *	329.7300	45.56	-11.53	34.03	46.00	-11.97	Peak	
4	359.8000	44.38	-11.48	32.90	46.00	-13.10	Peak	
5	446.1300	40.77	-8.26	32.51	46.00	-13.49	Peak	
6	990.3000	32.75	-0.01	32.74	54.00	-21.26	Peak	

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

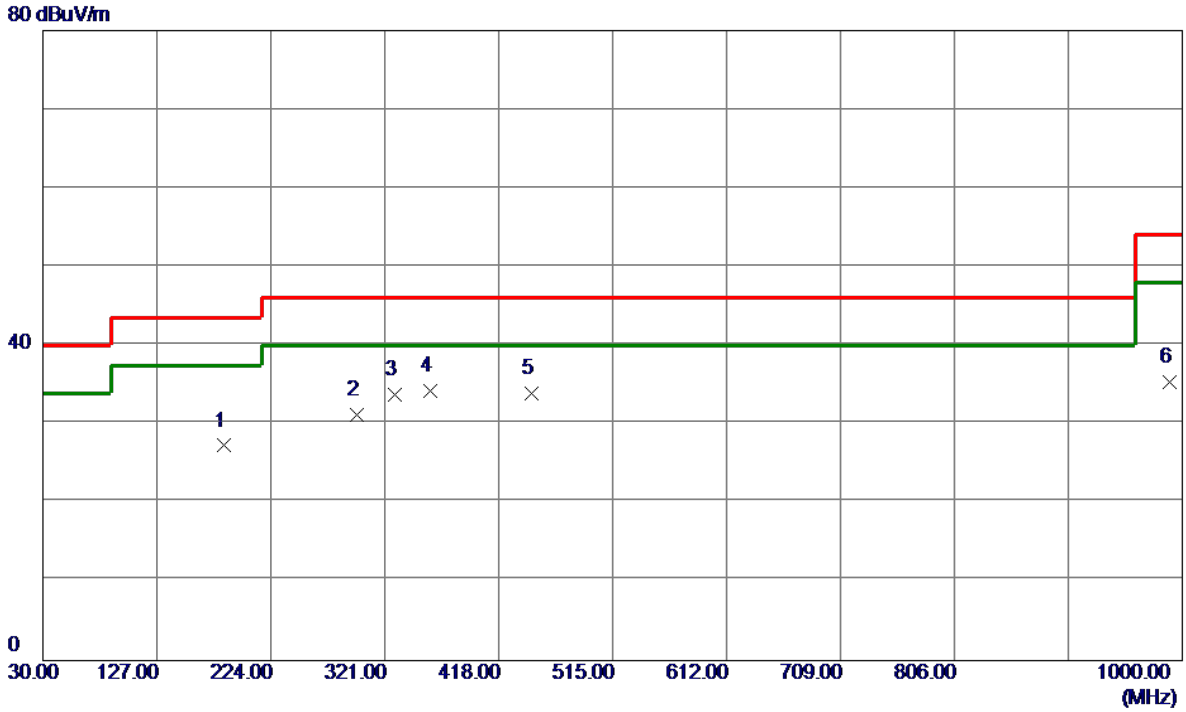
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.9700	47.86	-15.36	32.50	40.00	-7.50	QP	
2	106.6300	41.84	-17.58	24.26	43.50	-19.24	Peak	
3	223.0300	37.71	-15.62	22.09	46.00	-23.91	Peak	
4	446.1300	32.26	-8.26	24.00	46.00	-22.00	Peak	
5	532.4600	34.42	-7.23	27.19	46.00	-18.81	Peak	
6	694.4500	29.86	-3.68	26.18	46.00	-19.82	Peak	

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

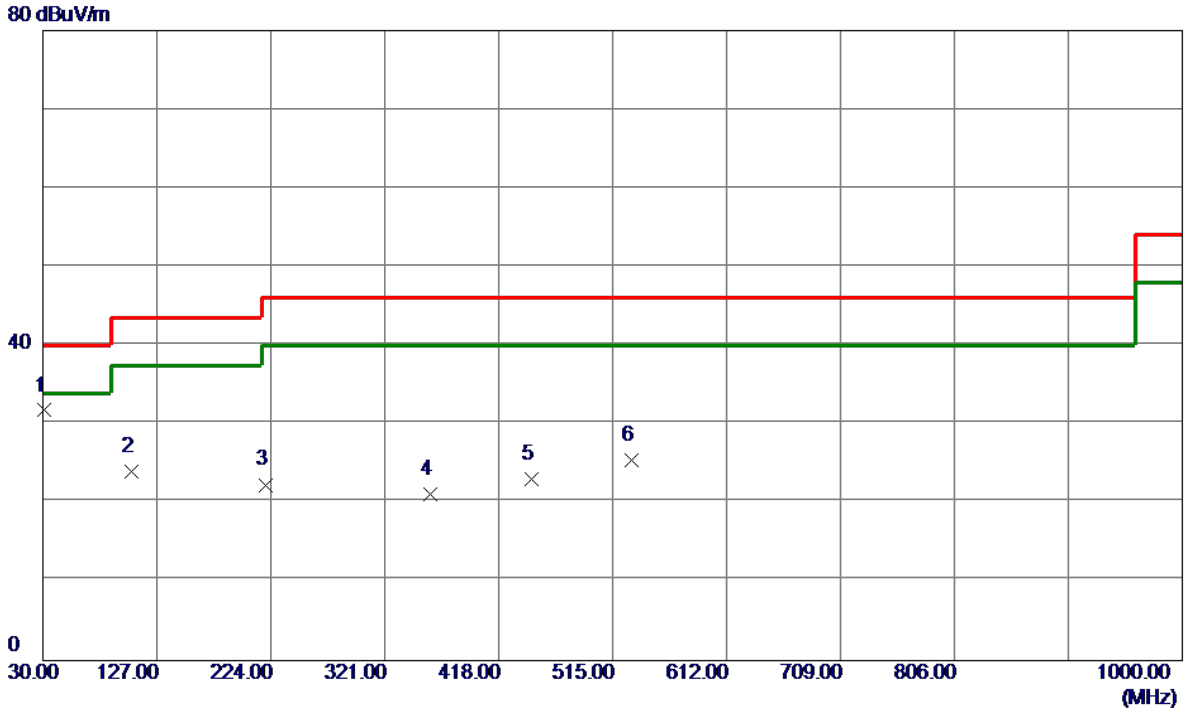
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	184.2300	41.44	-14.16	27.28	43.50	-16.22	Peak	
2	297.7200	42.47	-11.25	31.22	46.00	-14.78	Peak	
3	329.7300	45.31	-11.53	33.78	46.00	-12.22	Peak	
4 *	359.8000	45.68	-11.48	34.20	46.00	-11.80	Peak	
5	446.1300	42.24	-8.26	33.98	46.00	-12.02	Peak	
6	989.3300	35.28	0.02	35.30	54.00	-18.70	Peak	

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

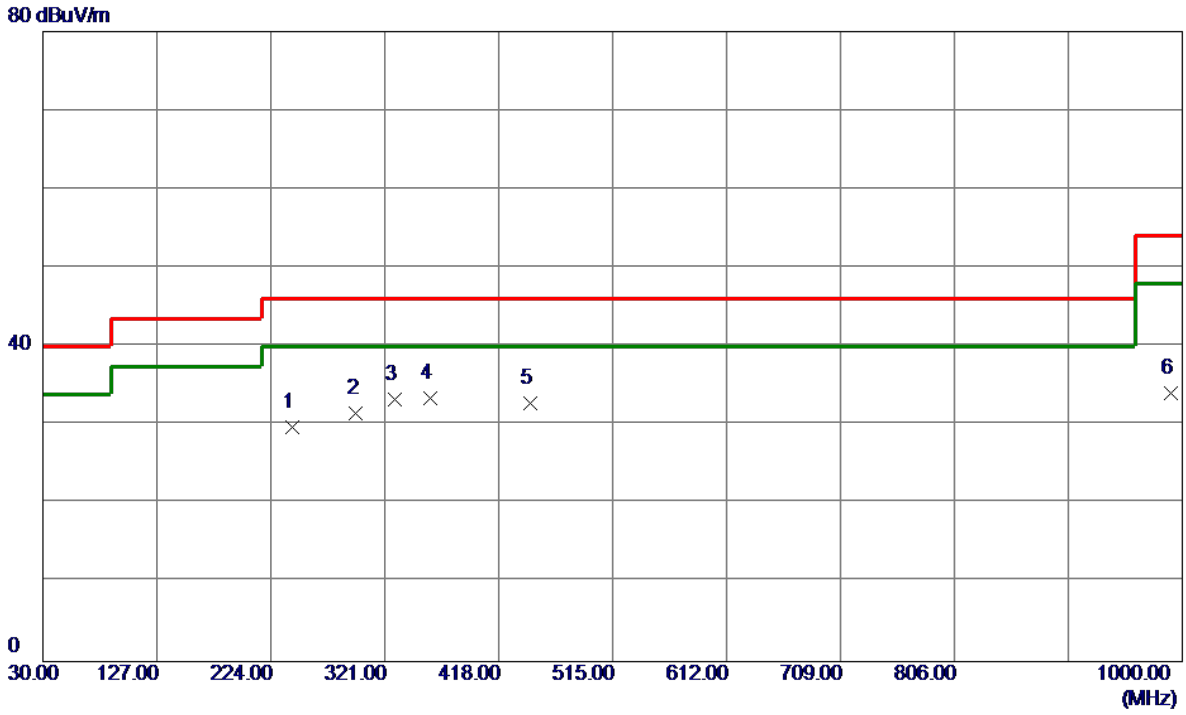
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.9700	47.12	-15.36	31.76	40.00	-8.24	QP	
2	105.6600	41.81	-17.77	24.04	43.50	-19.46	Peak	
3	220.1200	37.90	-15.58	22.32	46.00	-23.68	Peak	
4	359.8000	32.53	-11.48	21.05	46.00	-24.95	Peak	
5	446.1300	31.33	-8.26	23.07	46.00	-22.93	Peak	
6	531.4900	32.74	-7.29	25.45	46.00	-20.55	Peak	

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

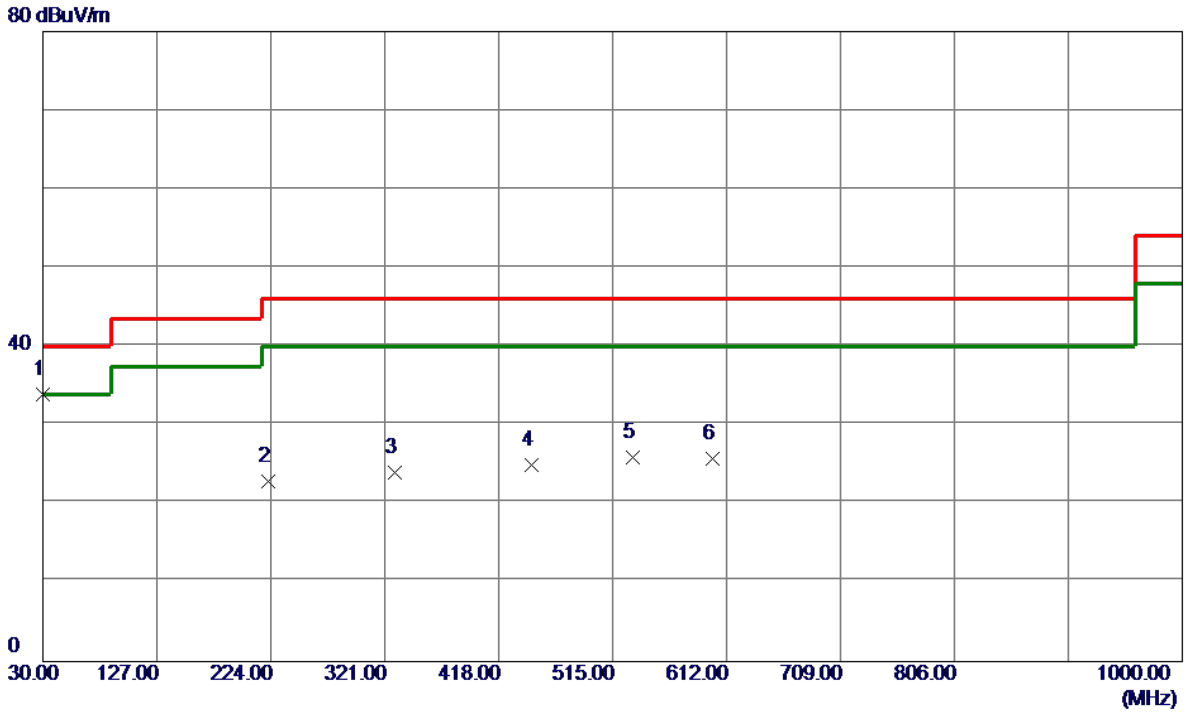
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	242.4300	45.12	-15.32	29.80	46.00	-16.20	Peak	
2	296.7500	42.83	-11.31	31.52	46.00	-14.48	Peak	
3	329.7300	44.79	-11.53	33.26	46.00	-12.74	Peak	
4 *	359.8000	44.87	-11.48	33.39	46.00	-12.61	Peak	
5	445.1600	41.13	-8.30	32.83	46.00	-13.17	Peak	
6	990.3000	34.13	-0.01	34.12	54.00	-19.88	Peak	

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

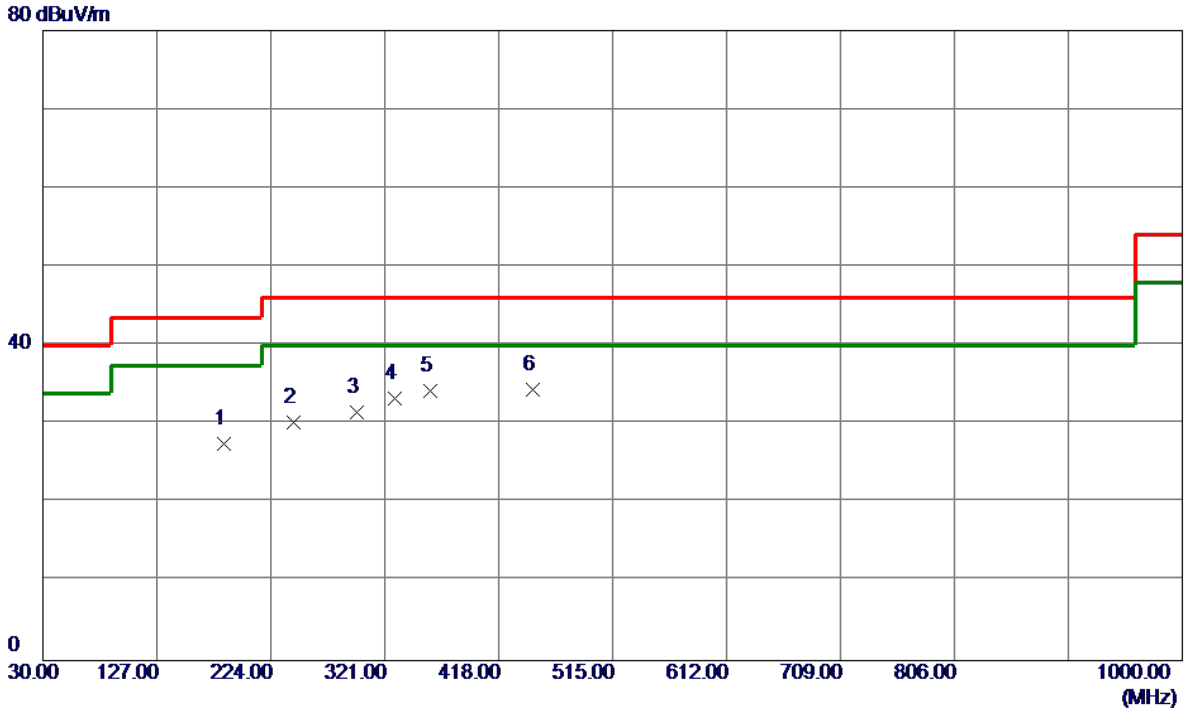
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	49.23	-15.32	33.91	40.00	-6.09	QP	
2	222.0600	38.49	-15.61	22.88	46.00	-23.12	Peak	
3	329.7300	35.57	-11.53	24.04	46.00	-21.96	Peak	
4	446.1300	33.24	-8.26	24.98	46.00	-21.02	Peak	
5	532.4600	33.13	-7.23	25.90	46.00	-20.10	Peak	
6	600.3600	32.80	-6.98	25.82	46.00	-20.18	Peak	

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

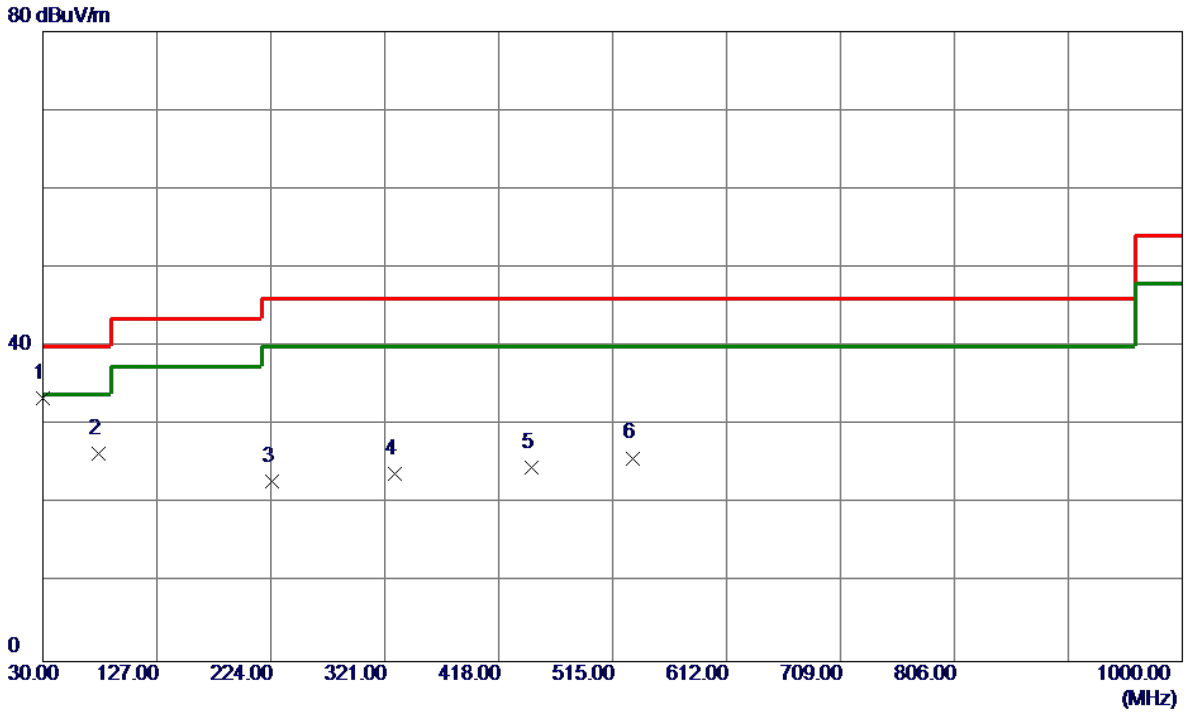
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	184.2300	41.66	-14.16	27.50	43.50	-16.00	Peak	
2	243.4000	45.49	-15.28	30.21	46.00	-15.79	Peak	
3	297.7200	42.80	-11.25	31.55	46.00	-14.45	Peak	
4	329.7300	44.81	-11.53	33.28	46.00	-12.72	Peak	
5	359.8000	45.73	-11.48	34.25	46.00	-11.75	Peak	
6 *	447.1000	42.65	-8.23	34.42	46.00	-11.58	Peak	

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

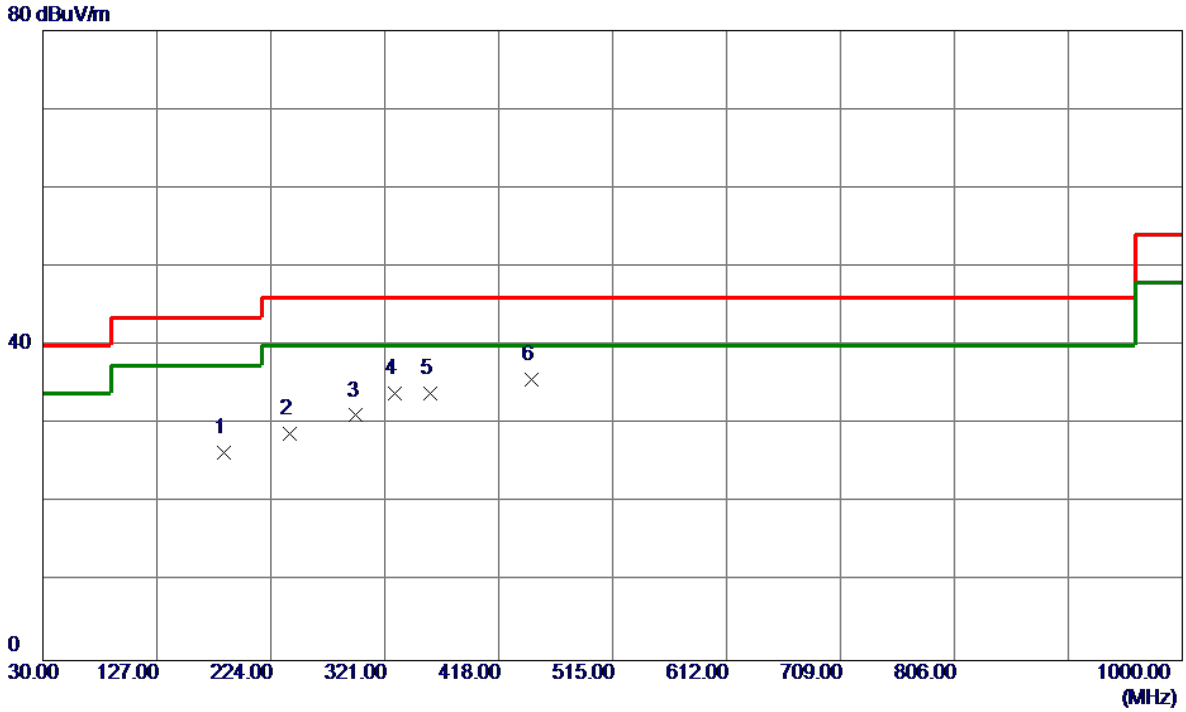
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	48.71	-15.32	33.39	40.00	-6.61	QP	
2	77.5300	45.44	-19.05	26.39	40.00	-13.61	Peak	
3	224.9700	38.53	-15.64	22.89	46.00	-23.11	Peak	
4	329.7300	35.37	-11.53	23.84	46.00	-22.16	Peak	
5	446.1300	32.97	-8.26	24.71	46.00	-21.29	Peak	
6	532.4600	33.07	-7.23	25.84	46.00	-20.16	Peak	

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

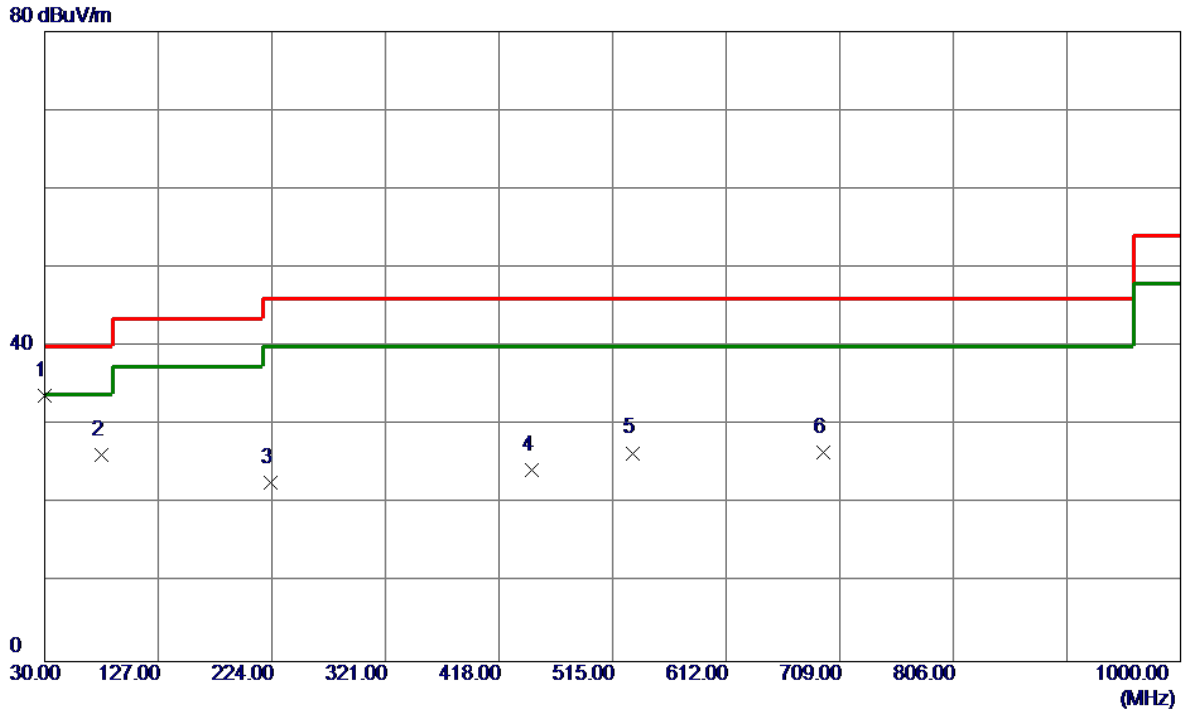
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	184.2300	40.61	-14.16	26.45	43.50	-17.05	Peak	
2	240.4900	44.15	-15.40	28.75	46.00	-17.25	Peak	
3	296.7500	42.43	-11.31	31.12	46.00	-14.88	Peak	
4	329.7300	45.42	-11.53	33.89	46.00	-12.11	Peak	
5	359.8000	45.42	-11.48	33.94	46.00	-12.06	Peak	
6 *	446.1300	43.90	-8.26	35.64	46.00	-10.36	Peak	

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

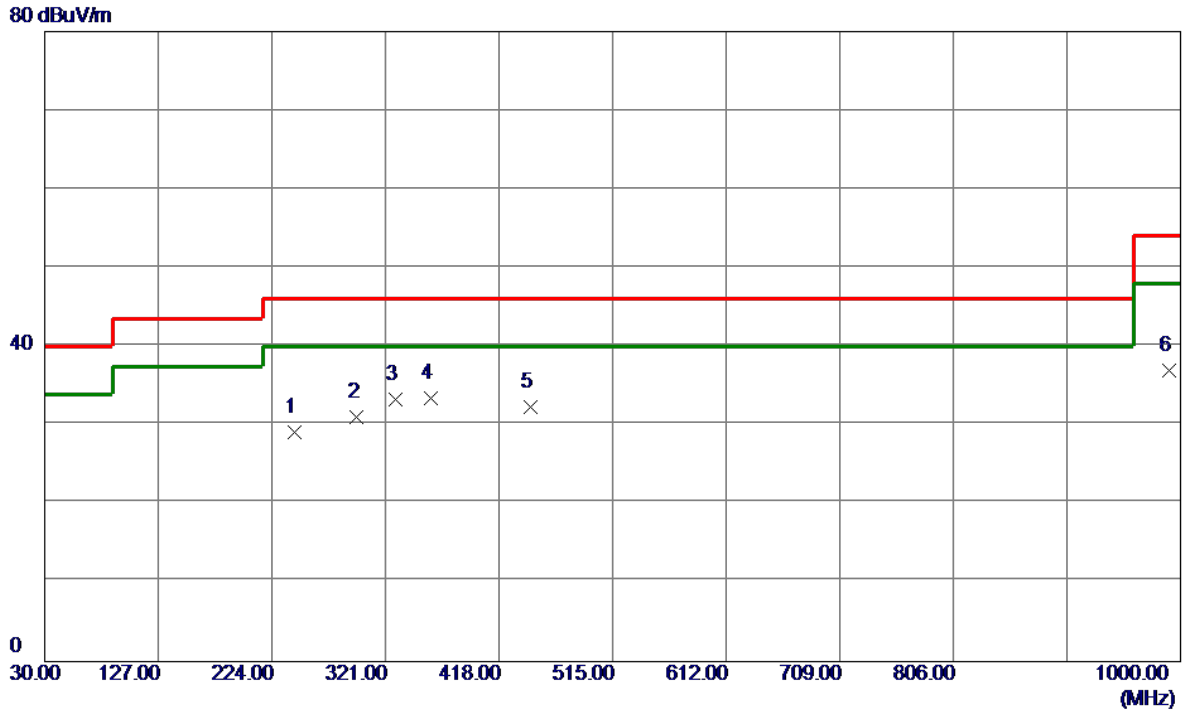
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	49.08	-15.32	33.76	40.00	-6.24	QP	
2	78.5000	45.28	-19.08	26.20	40.00	-13.80	Peak	
3	223.0300	38.28	-15.62	22.66	46.00	-23.34	Peak	
4	446.1300	32.54	-8.26	24.28	46.00	-21.72	Peak	
5	532.4600	33.71	-7.23	26.48	46.00	-19.52	Peak	
6	695.4200	30.14	-3.63	26.51	46.00	-19.49	Peak	

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

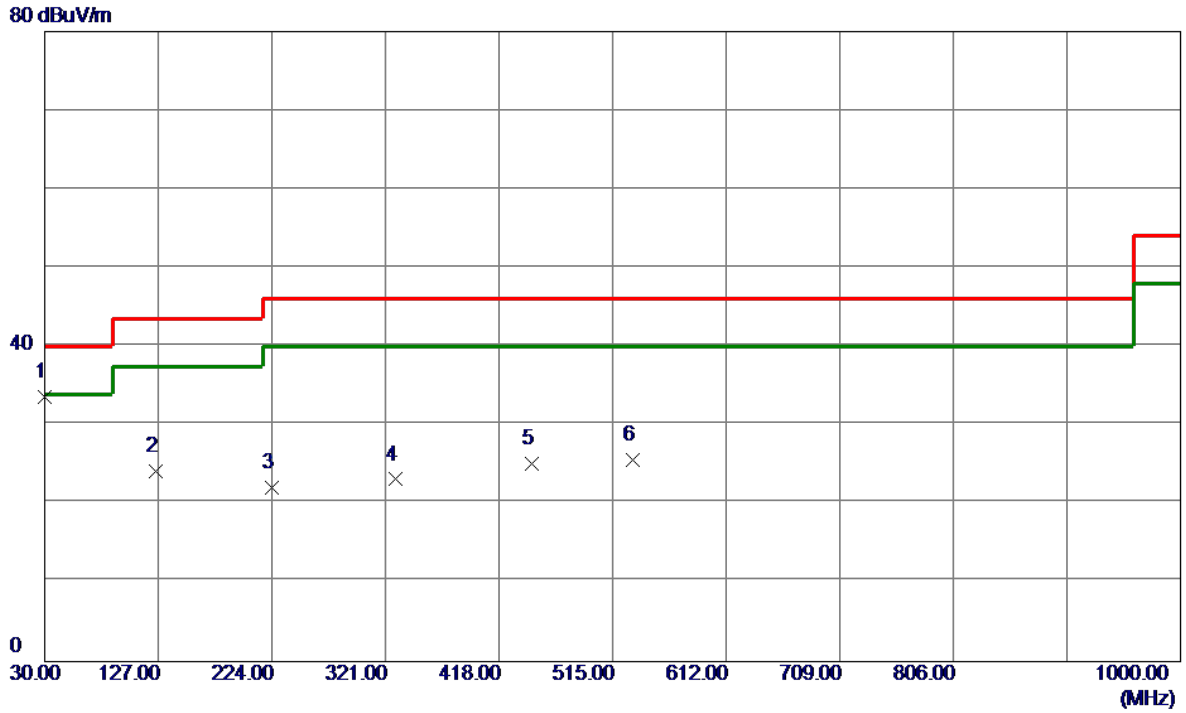
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	243.4000	44.46	-15.28	29.18	46.00	-16.82	Peak	
2	296.7500	42.38	-11.31	31.07	46.00	-14.93	Peak	
3	329.7300	44.83	-11.53	33.30	46.00	-12.70	Peak	
4 *	359.8000	44.97	-11.48	33.49	46.00	-12.51	Peak	
5	445.1600	40.65	-8.30	32.35	46.00	-13.65	Peak	
6	990.3000	36.96	-0.01	36.95	54.00	-17.05	Peak	

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

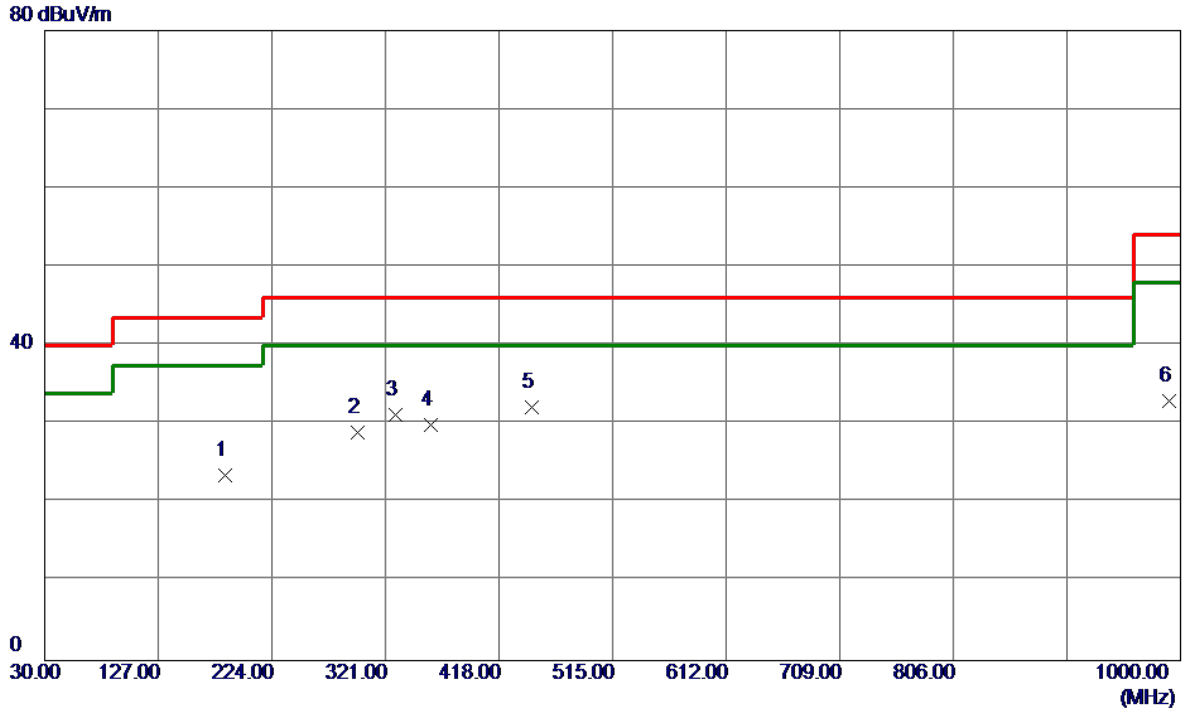
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	48.92	-15.32	33.60	40.00	-6.40	QP	
2	125.0600	38.83	-14.68	24.15	43.50	-19.35	Peak	
3	224.0000	37.74	-15.63	22.11	46.00	-23.89	Peak	
4	329.7300	34.65	-11.53	23.12	46.00	-22.88	Peak	
5	446.1300	33.31	-8.26	25.05	46.00	-20.95	Peak	
6	532.4600	32.81	-7.23	25.58	46.00	-20.42	Peak	

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

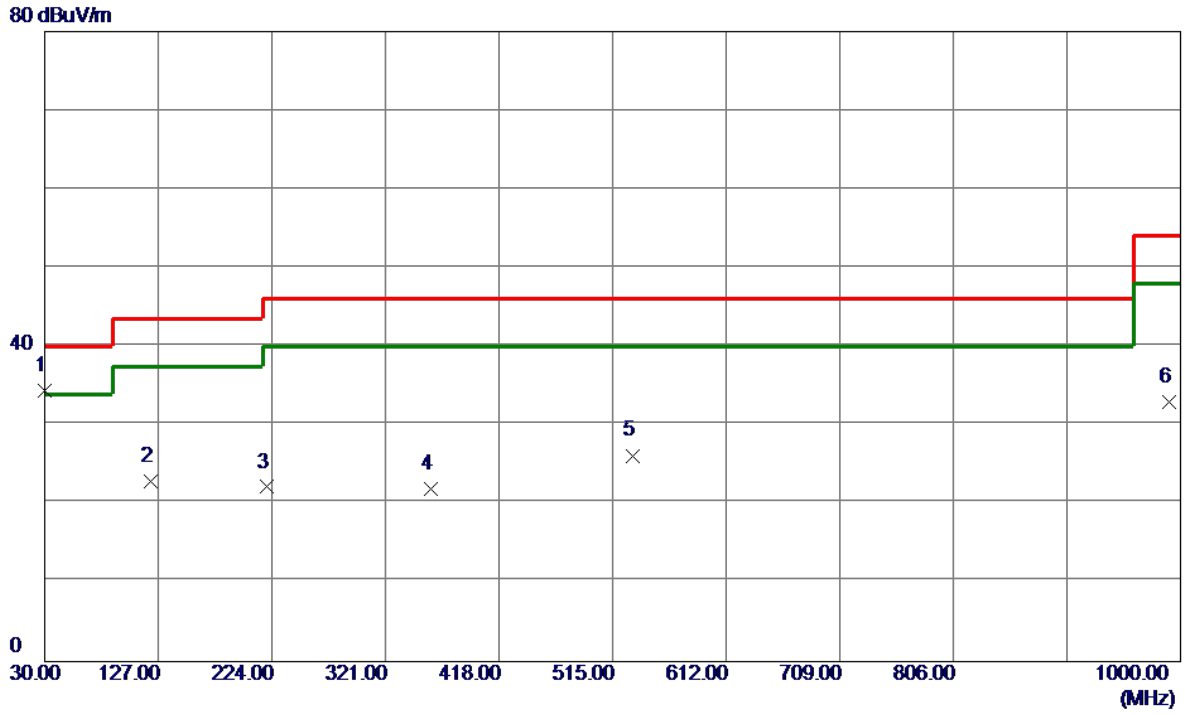
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	184.2300	37.62	-14.16	23.46	43.50	-20.04	Peak	
2	297.7200	40.22	-11.25	28.97	46.00	-17.03	Peak	
3	329.7300	42.77	-11.53	31.24	46.00	-14.76	Peak	
4	359.8000	41.43	-11.48	29.95	46.00	-16.05	Peak	
5 *	446.1300	40.40	-8.26	32.14	46.00	-13.86	Peak	
6	990.3000	32.92	-0.01	32.91	54.00	-21.09	Peak	

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

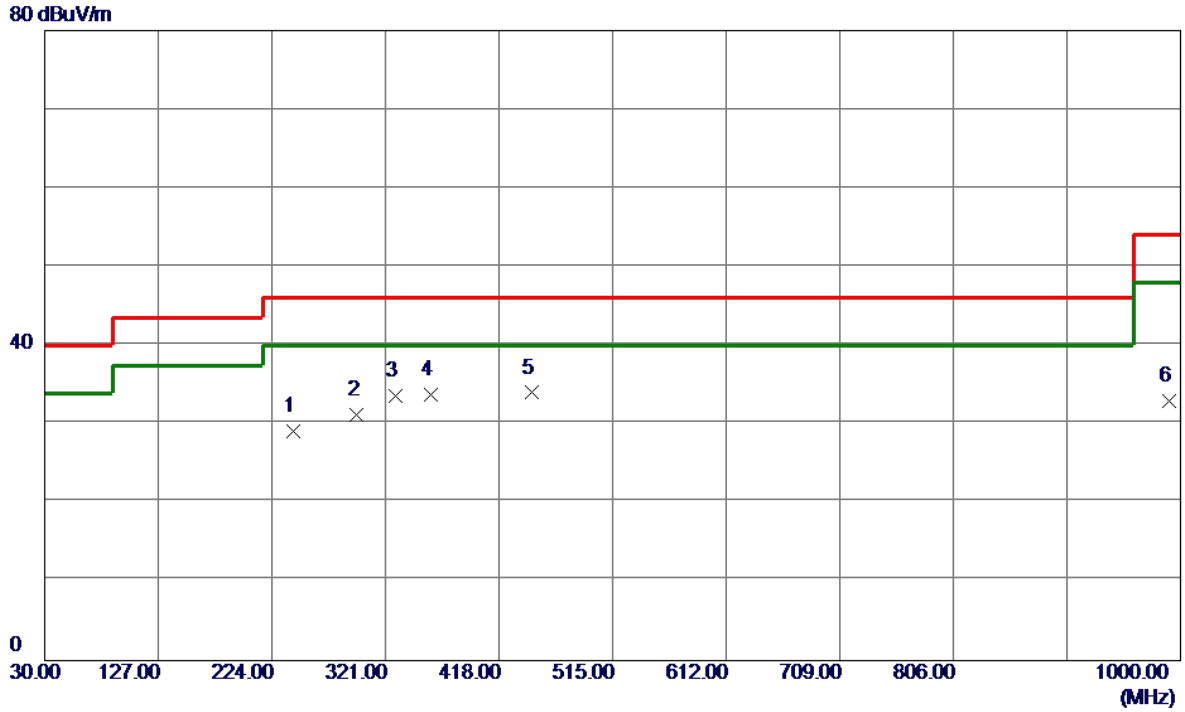
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.0000	49.77	-15.32	34.45	40.00	-5.55	QP	
2	120.2100	38.19	-15.30	22.89	43.50	-20.61	Peak	
3	220.1200	37.74	-15.58	22.16	46.00	-23.84	Peak	
4	359.8000	33.34	-11.48	21.86	46.00	-24.14	Peak	
5	532.4600	33.39	-7.23	26.16	46.00	-19.84	Peak	
6	990.3000	32.94	-0.01	32.93	54.00	-21.07	Peak	

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

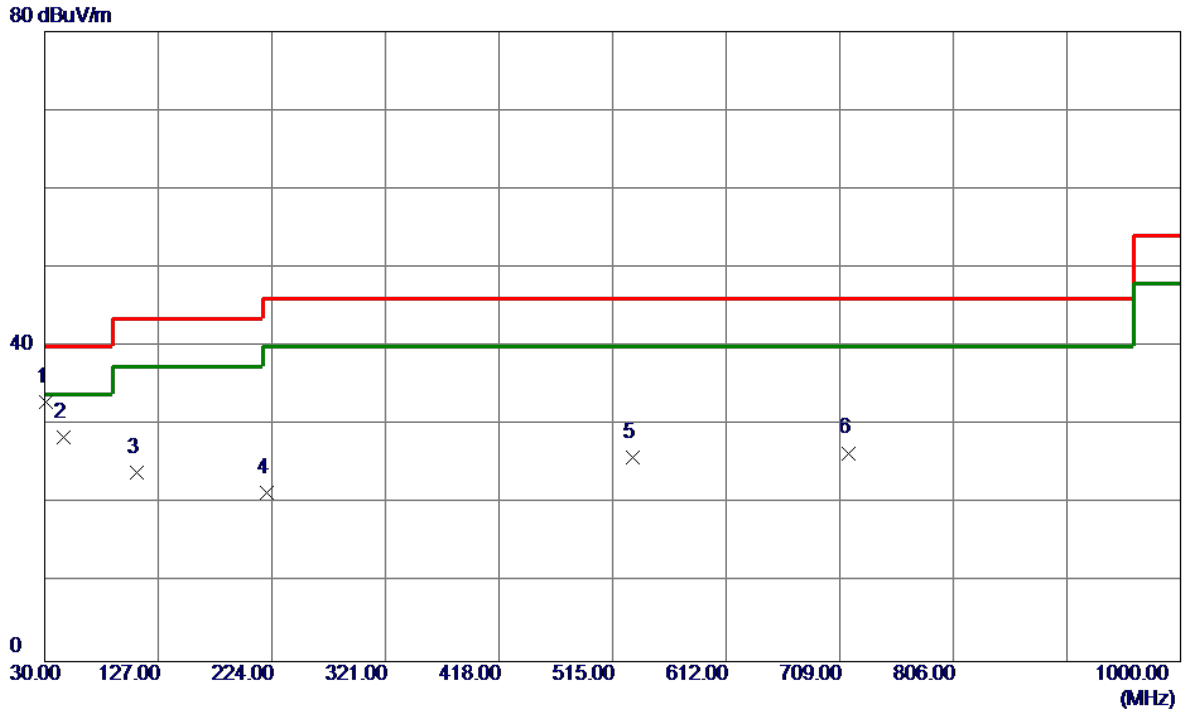
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	242.4300	44.37	-15.32	29.05	46.00	-16.95	Peak	
2	296.7500	42.58	-11.31	31.27	46.00	-14.73	Peak	
3	329.7300	45.08	-11.53	33.55	46.00	-12.45	Peak	
4	359.8000	45.20	-11.48	33.72	46.00	-12.28	Peak	
5 *	446.1300	42.26	-8.26	34.00	46.00	-12.00	Peak	
6	990.3000	33.04	-0.01	33.03	54.00	-20.97	Peak	

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

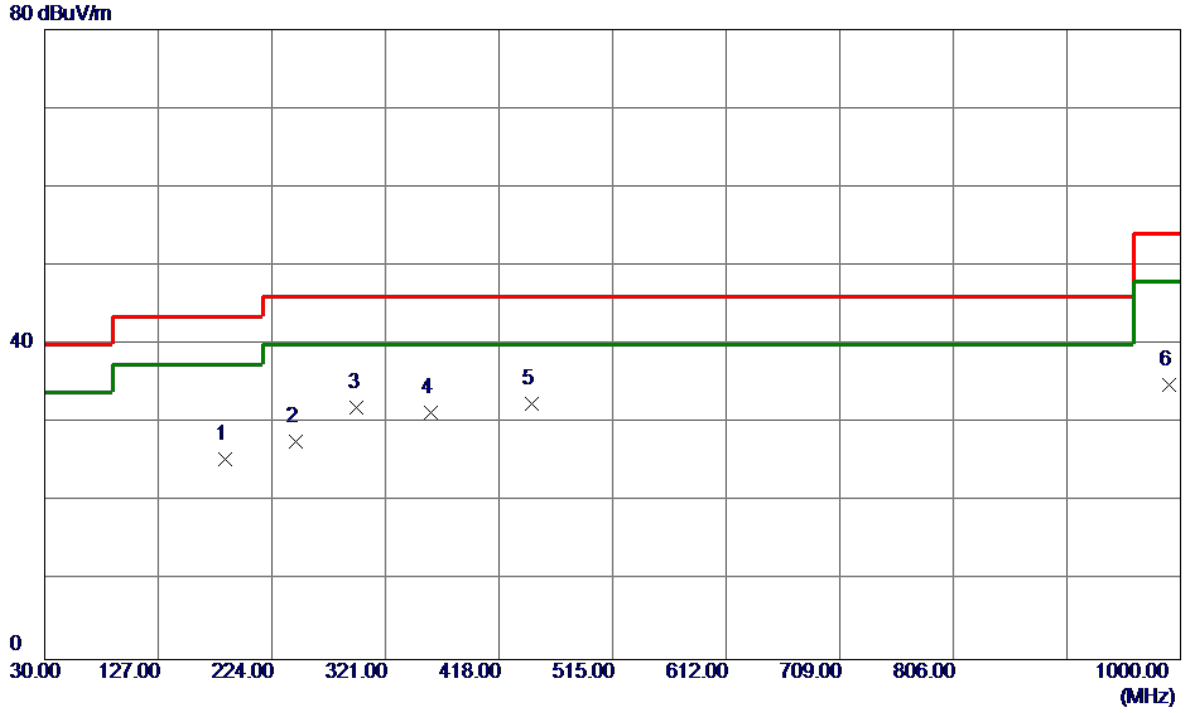
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	30.9700	48.39	-15.36	33.03	40.00	-6.97	QP	
2	46.4900	43.75	-15.20	28.55	40.00	-11.45	Peak	
3	108.5700	41.25	-17.19	24.06	43.50	-19.44	Peak	
4	220.1200	37.06	-15.58	21.48	46.00	-24.52	Peak	
5	532.4600	33.14	-7.23	25.91	46.00	-20.09	Peak	
6	716.7600	30.30	-3.82	26.48	46.00	-19.52	Peak	

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

Horizontal

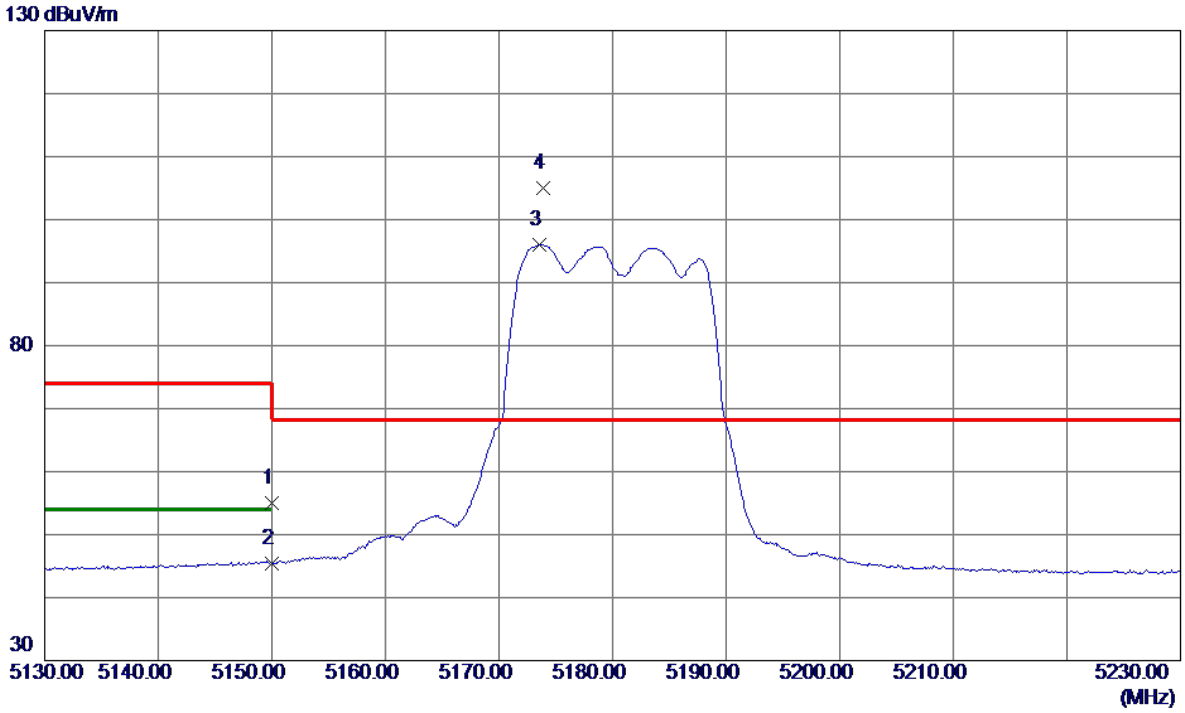


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	184.2300	39.56	-14.16	25.40	43.50	-18.10	Peak	
2	244.3700	42.92	-15.25	27.67	46.00	-18.33	Peak	
3	296.7500	43.34	-11.31	32.03	46.00	-13.97	Peak	
4	359.8000	42.81	-11.48	31.33	46.00	-14.67	Peak	
5 *	446.1300	40.80	-8.26	32.54	46.00	-13.46	Peak	
6	990.3000	34.84	-0.01	34.83	54.00	-19.17	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

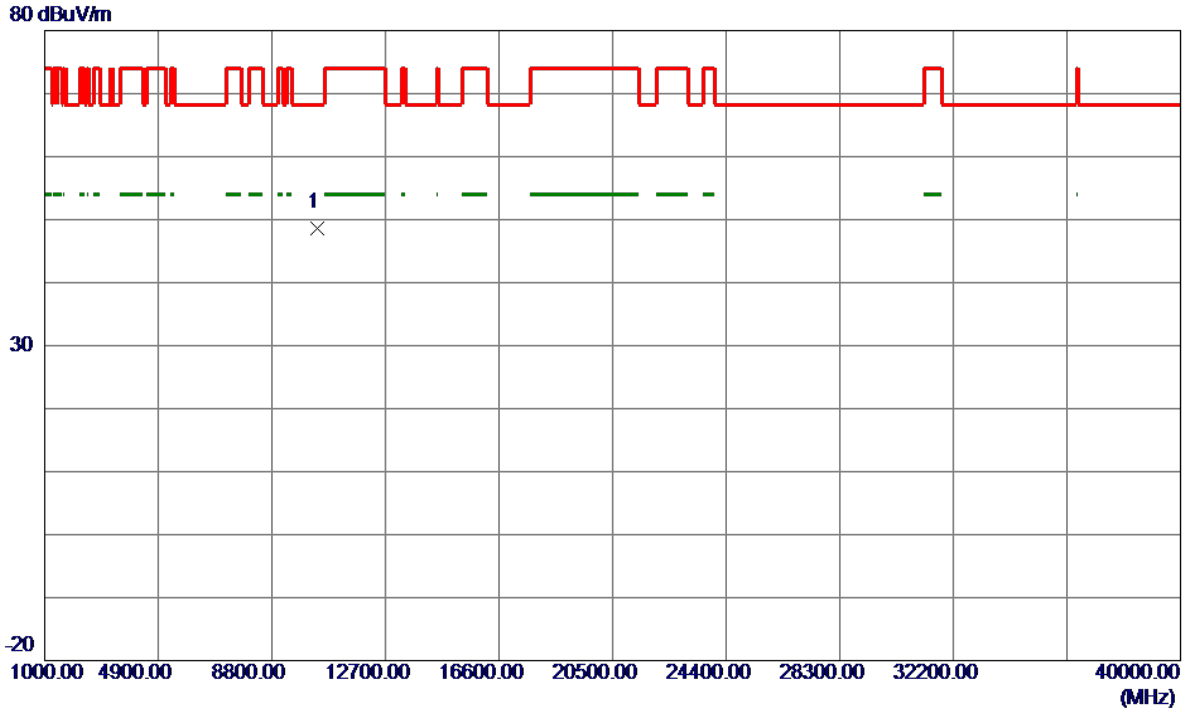
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	38.27	16.65	54.92	74.00	-19.08	Peak	
2	5150.0000	28.68	16.65	45.33	54.00	-8.67	AVG	
3	5173.6000	79.34	16.71	96.05	999.00	-902.95	AVG	No Limit
4 *	5173.9000	88.35	16.71	105.06	68.30	36.76	Peak	No Limit

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

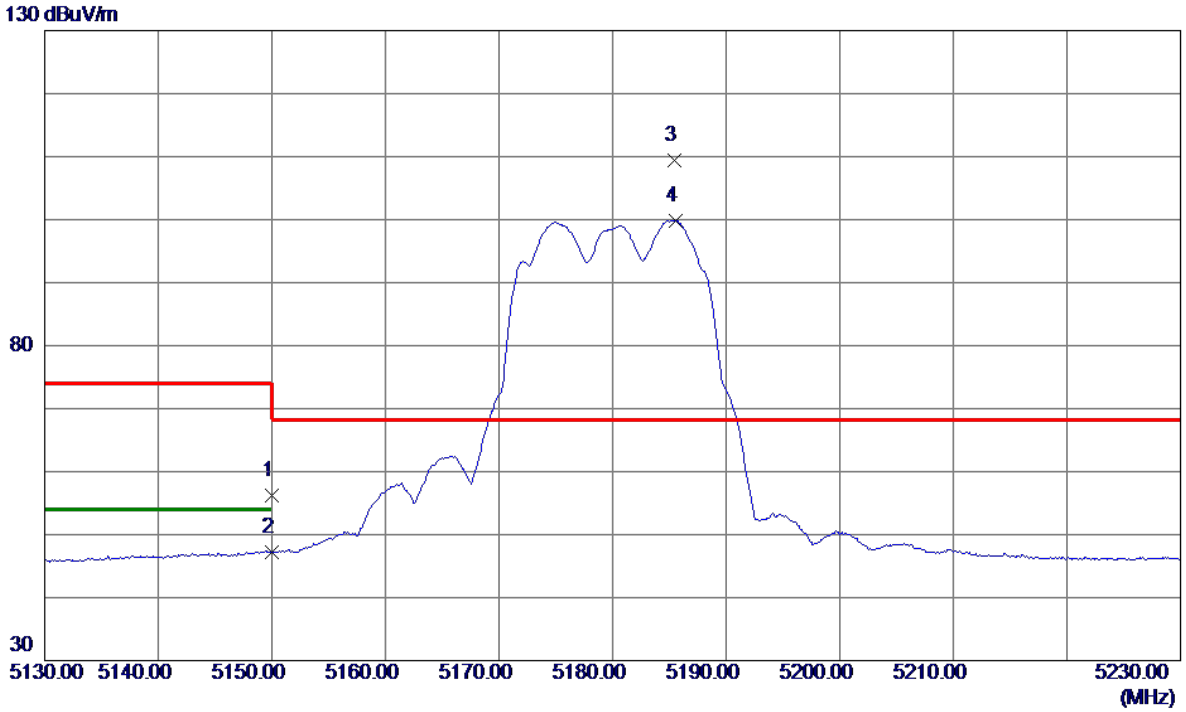
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10355.8000	33.86	14.84	48.70	68.30	-19.60	Peak	

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

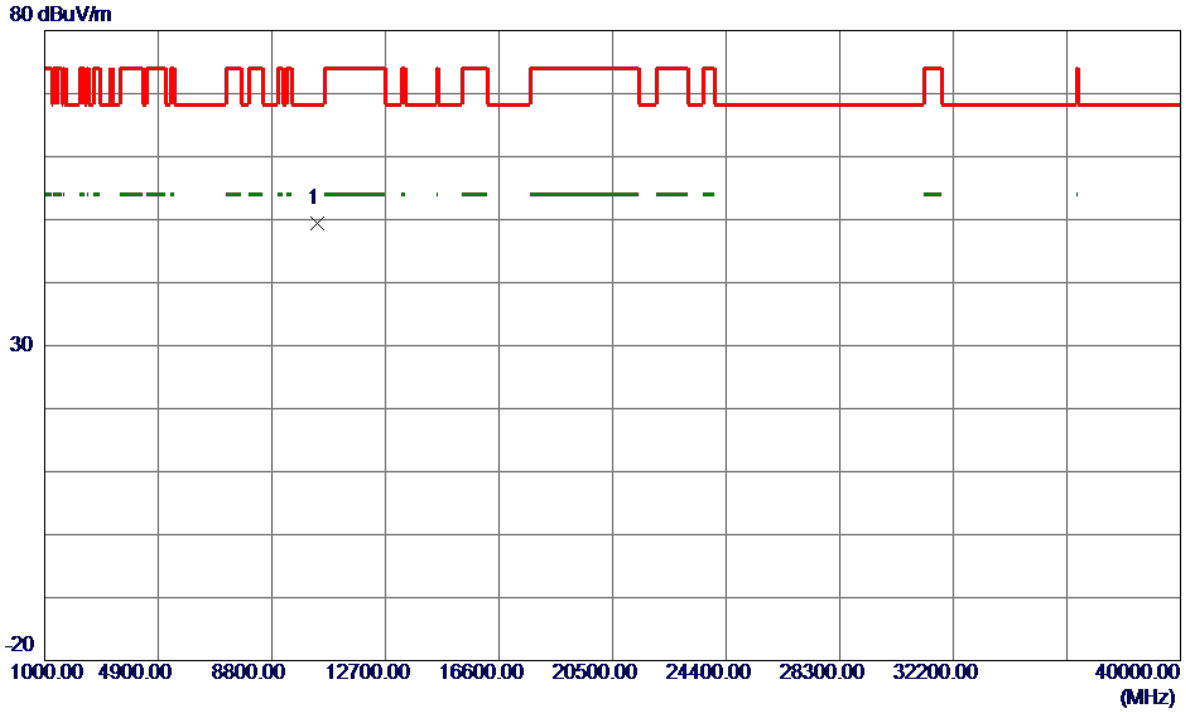
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	39.64	16.65	56.29	74.00	-17.71	Peak	
2	5150.0000	30.46	16.65	47.11	54.00	-6.89	AVG	
3 *	5185.4000	92.58	16.75	109.33	68.30	41.03	Peak	No Limit
4	5185.6000	83.14	16.75	99.89	999.00	-899.11	AVG	No Limit

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

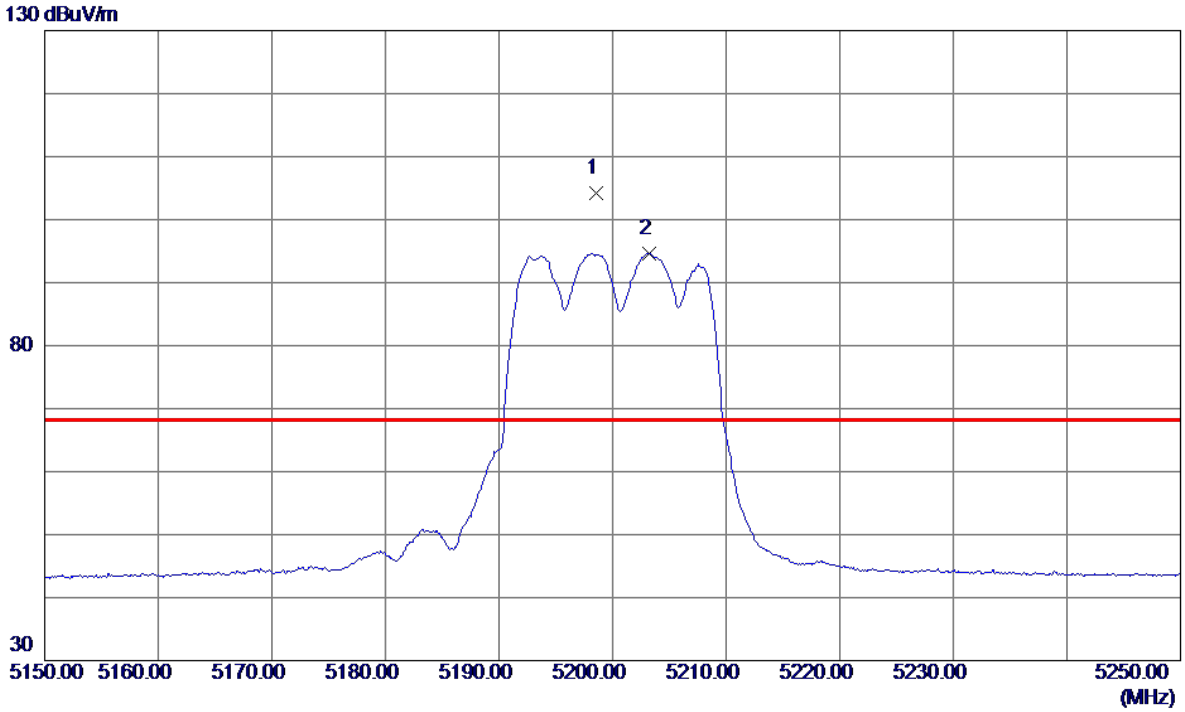
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10350.4500	34.56	14.83	49.39	68.30	-18.91	Peak	

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

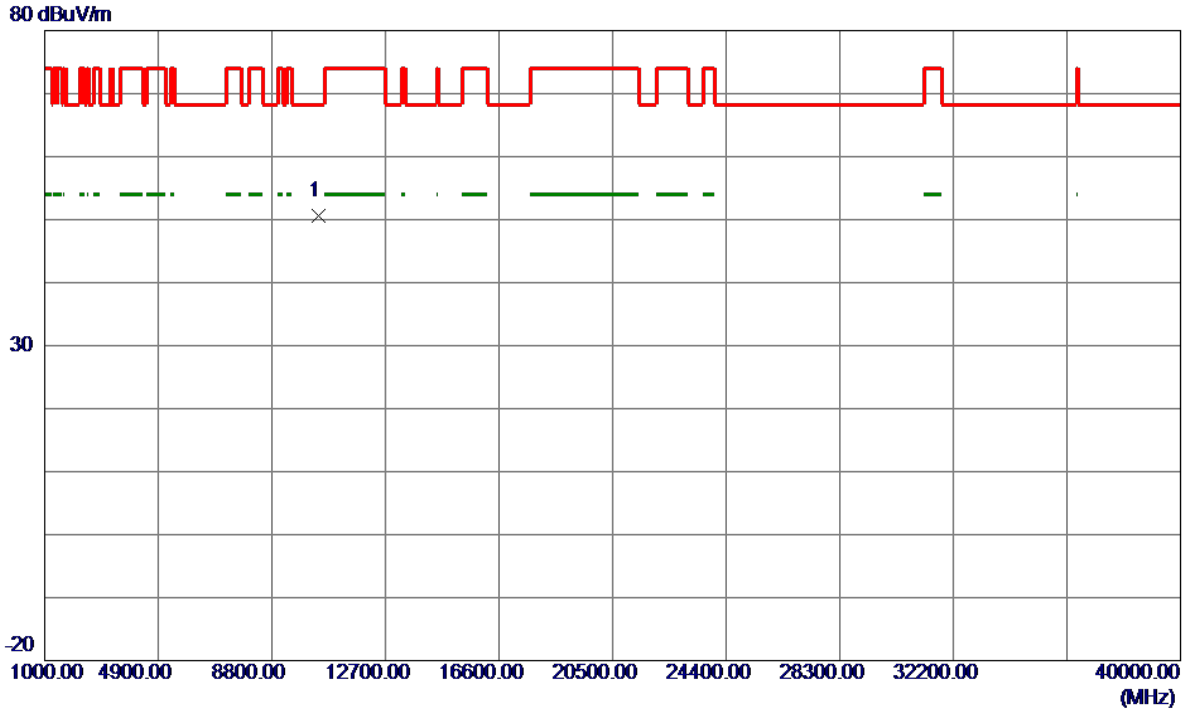
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5198.6000	87.50	16.78	104.28	68.30	35.98	Peak	No Limit
2	5203.2000	77.84	16.80	94.64	999.00	-904.36	AVG	No Limit

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

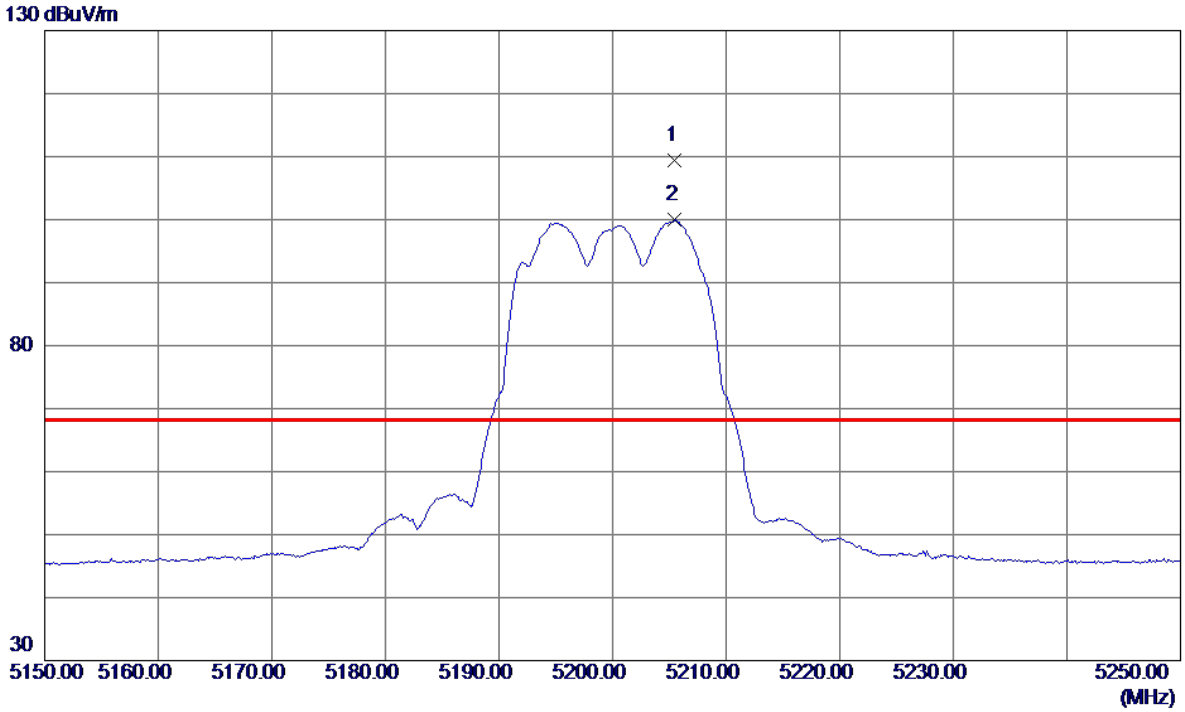
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10398.8500	35.76	14.92	50.68	68.30	-17.62	Peak	

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

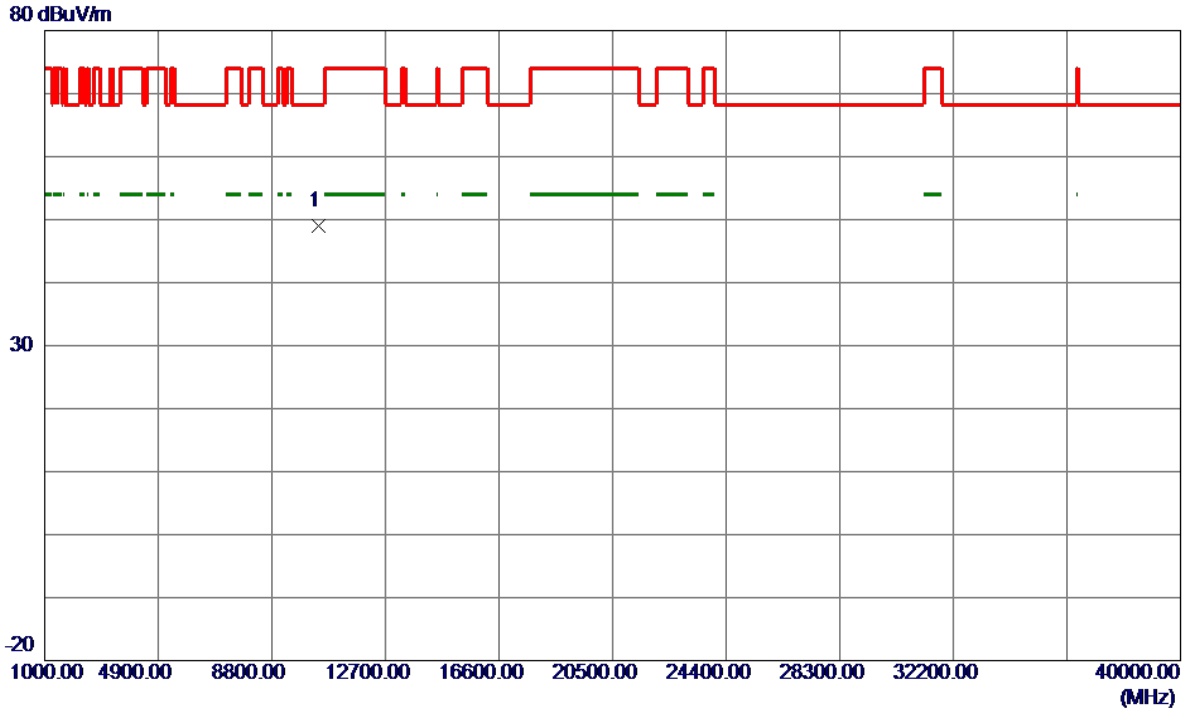
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5205.5000	92.63	16.80	109.43	68.30	41.13	Peak	No Limit
2	5205.5000	83.12	16.80	99.92	999.00	-899.08	AVG	No Limit

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

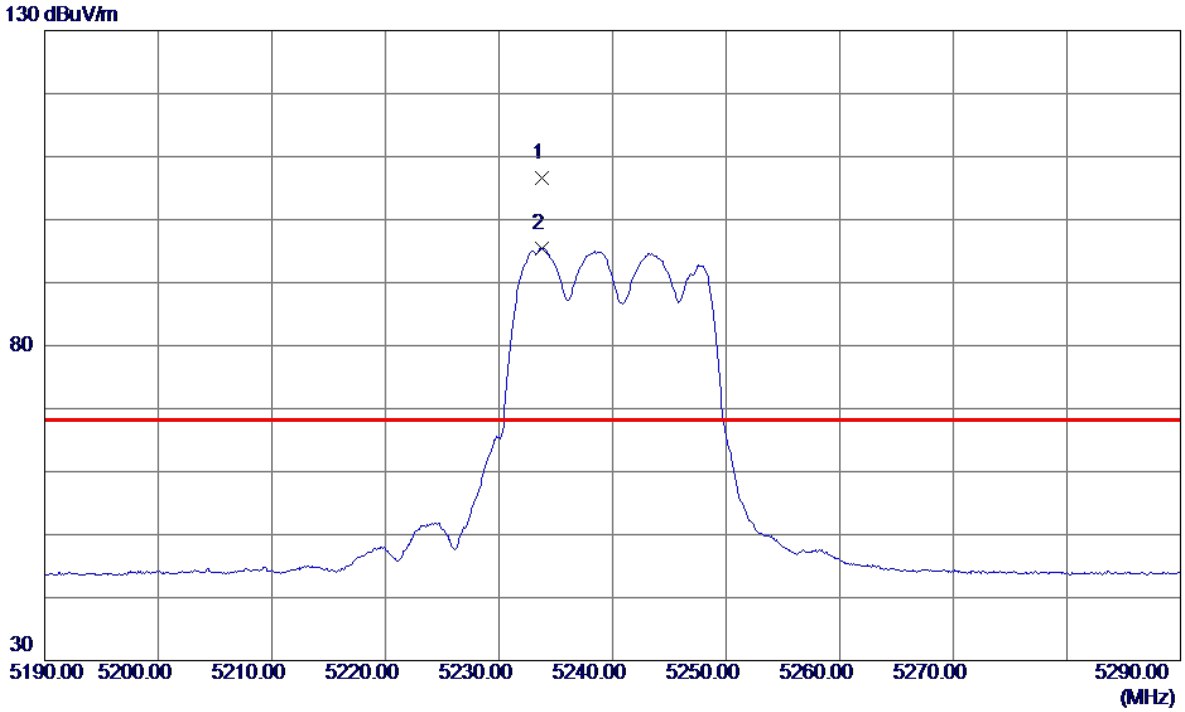
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10399.9500	34.07	14.92	48.99	68.30	-19.31	Peak	

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

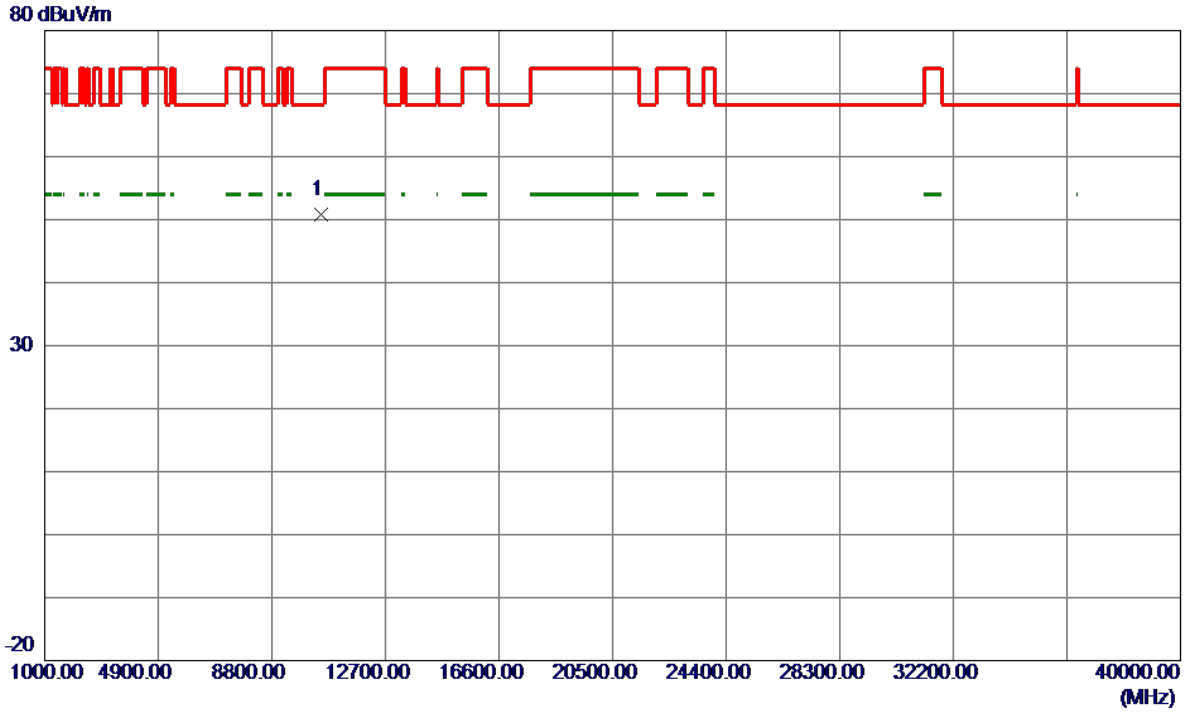
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233.8000	89.72	16.88	106.60	68.30	38.30	Peak	No Limit
2	5233.8000	78.59	16.88	95.47	999.00	-903.53	AVG	No Limit

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

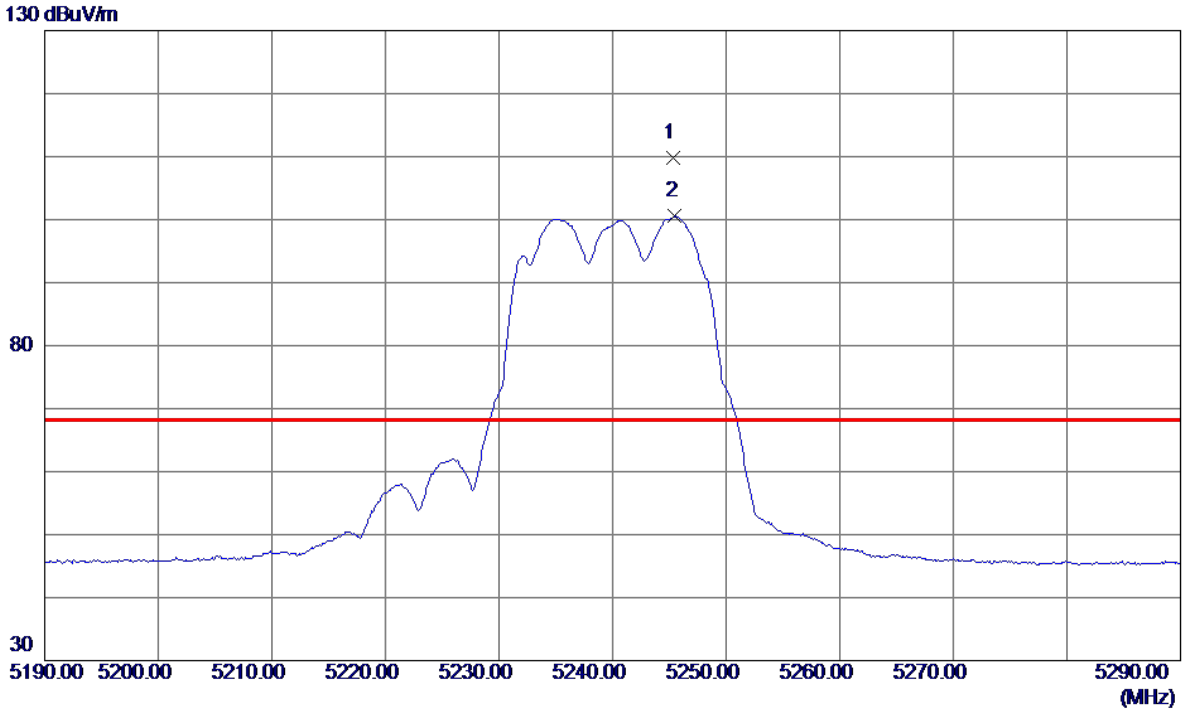
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10484.9500	35.68	15.07	50.75	68.30	-17.55	Peak	

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

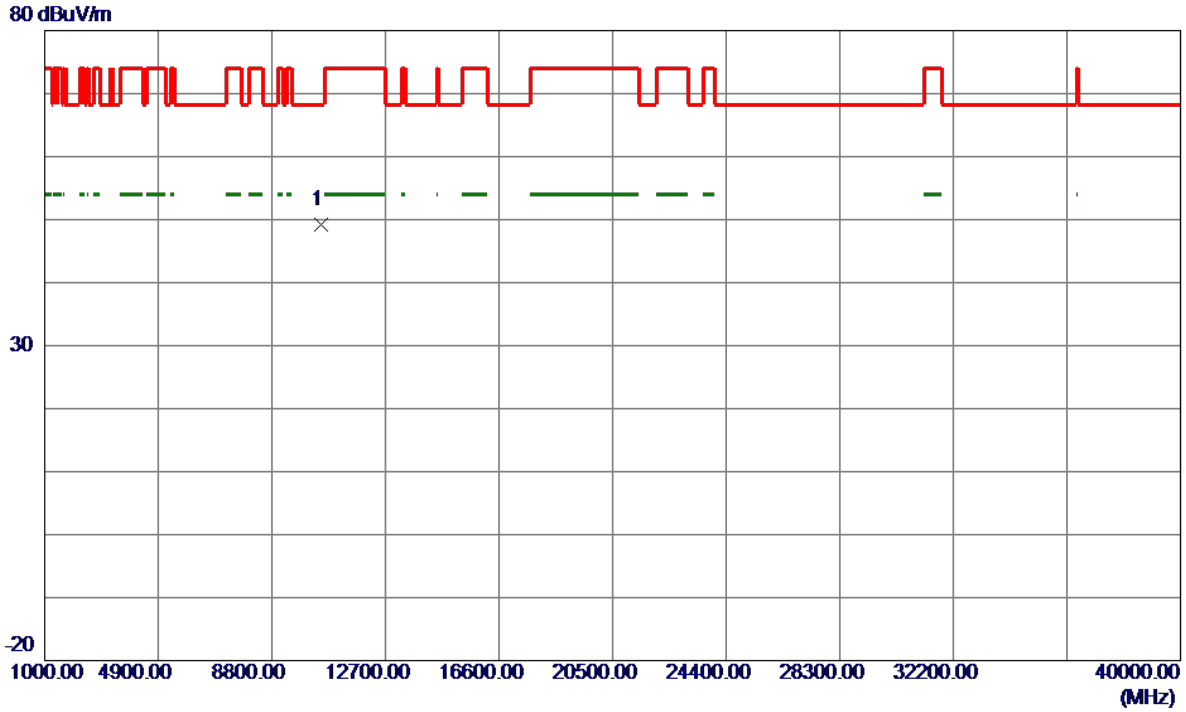
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5245.3000	92.93	16.92	109.85	68.30	41.55	Peak	No Limit
2	5245.5000	83.62	16.92	100.54	999.00	-898.46	AVG	No Limit

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

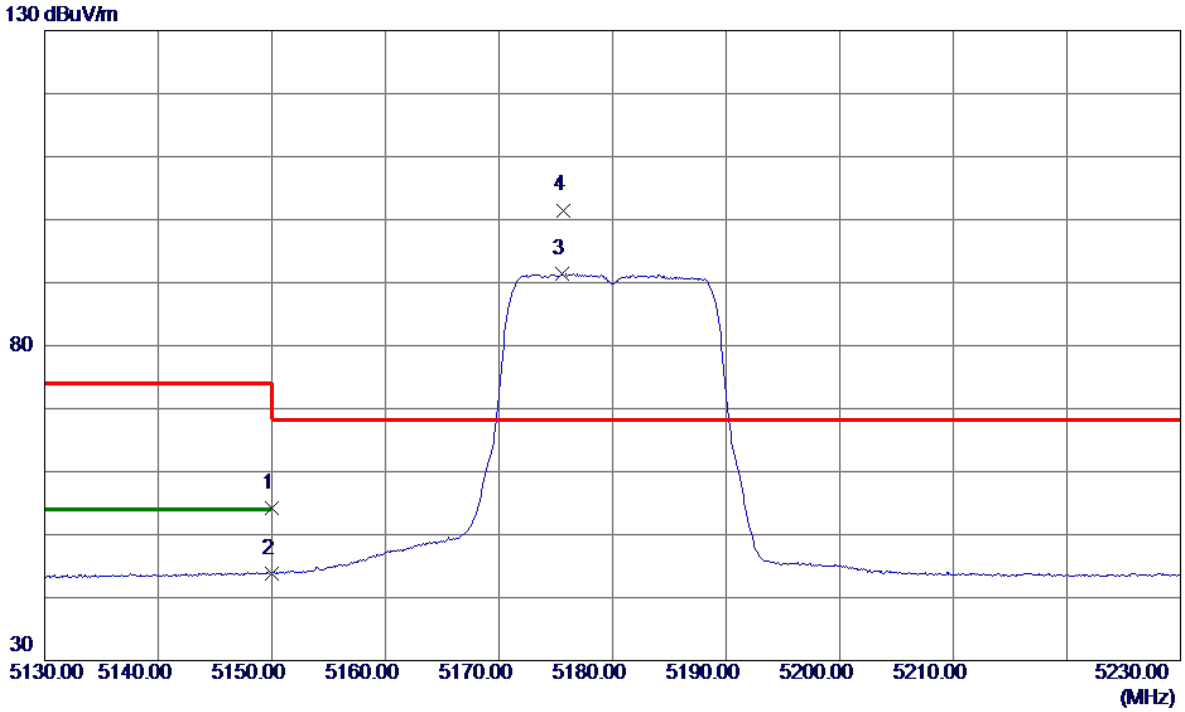
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.9000	34.22	15.06	49.28	68.30	-19.02	Peak	

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

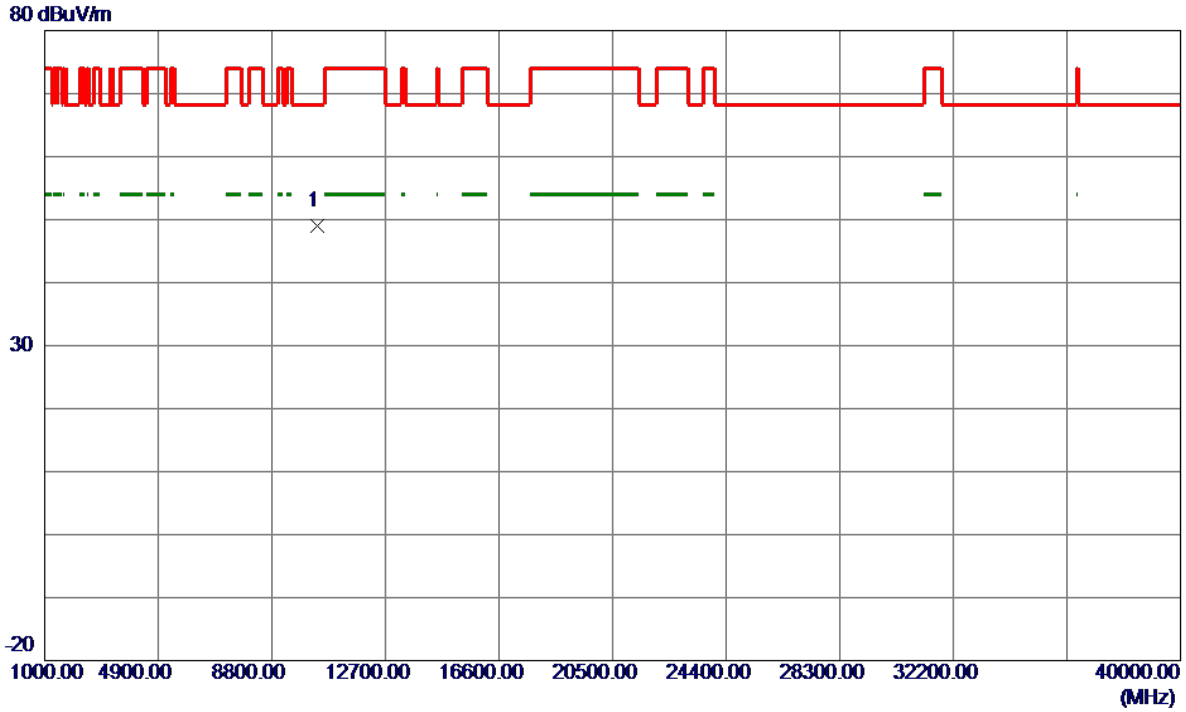
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	37.46	16.65	54.11	74.00	-19.89	Peak	
2	5150.0000	27.12	16.65	43.77	54.00	-10.23	AVG	
3	5175.6000	74.62	16.72	91.34	999.00	-907.66	AVG	No Limit
4 *	5175.7000	84.78	16.72	101.50	68.30	33.20	Peak	No Limit

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

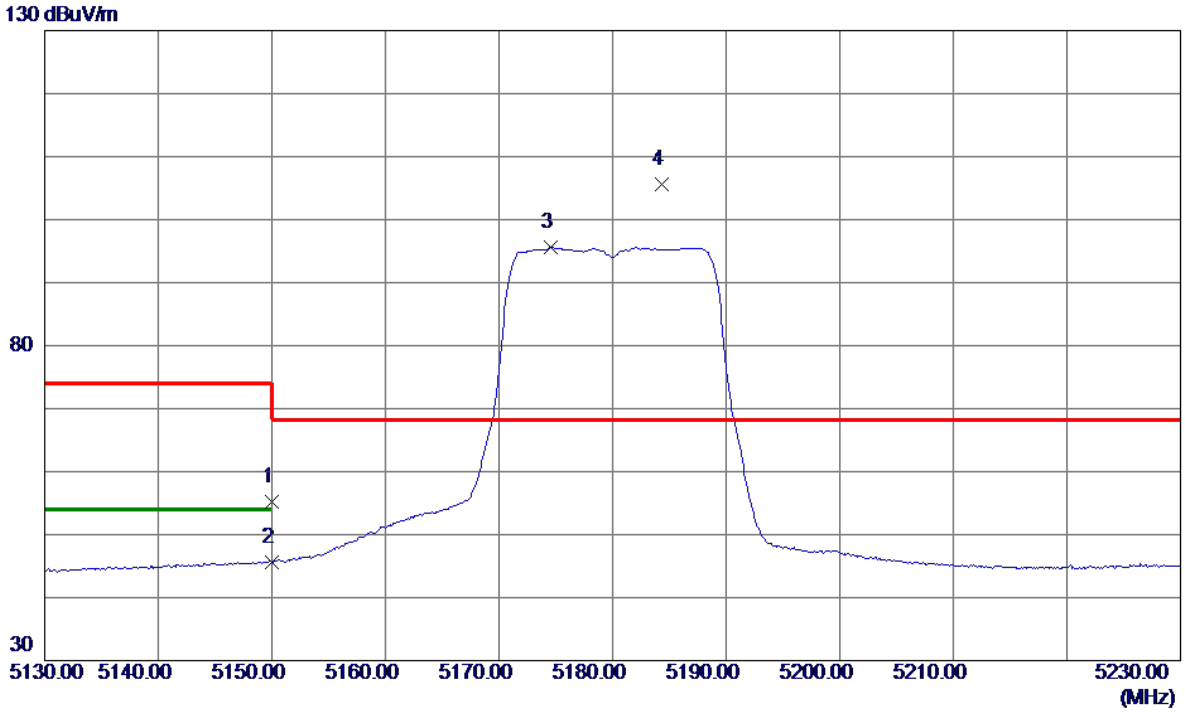
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10361.3500	34.10	14.85	48.95	68.30	-19.35	Peak	

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

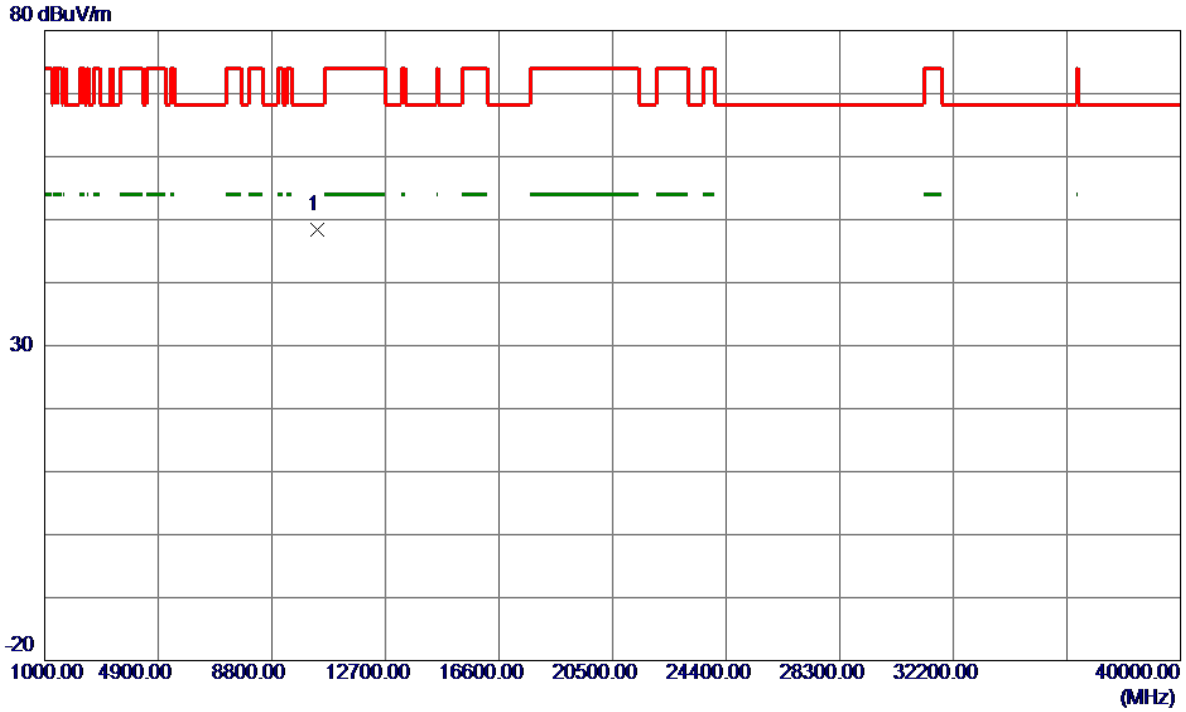
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	38.54	16.65	55.19	74.00	-18.81	Peak	
2	5150.0000	28.86	16.65	45.51	54.00	-8.49	AVG	
3	5174.6000	78.82	16.72	95.54	999.00	-903.46	AVG	No Limit
4 *	5184.3000	88.93	16.74	105.67	68.30	37.37	Peak	No Limit

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

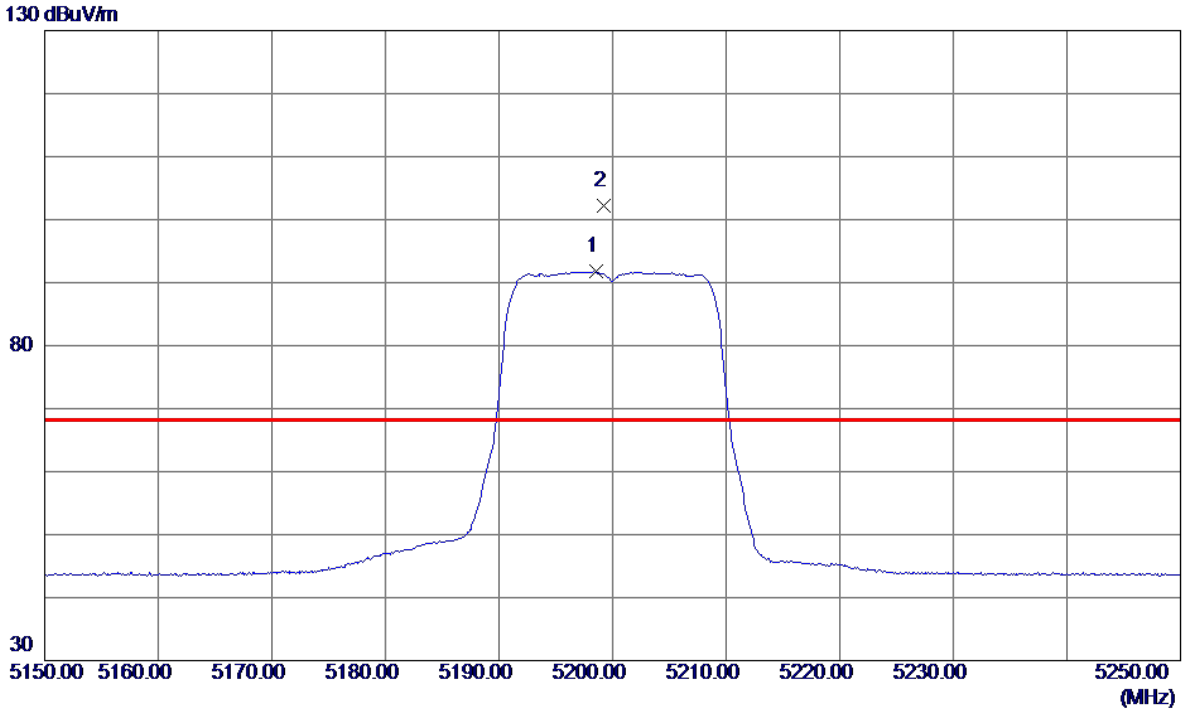
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10358.2000	33.55	14.84	48.39	68.30	-19.91	Peak	

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

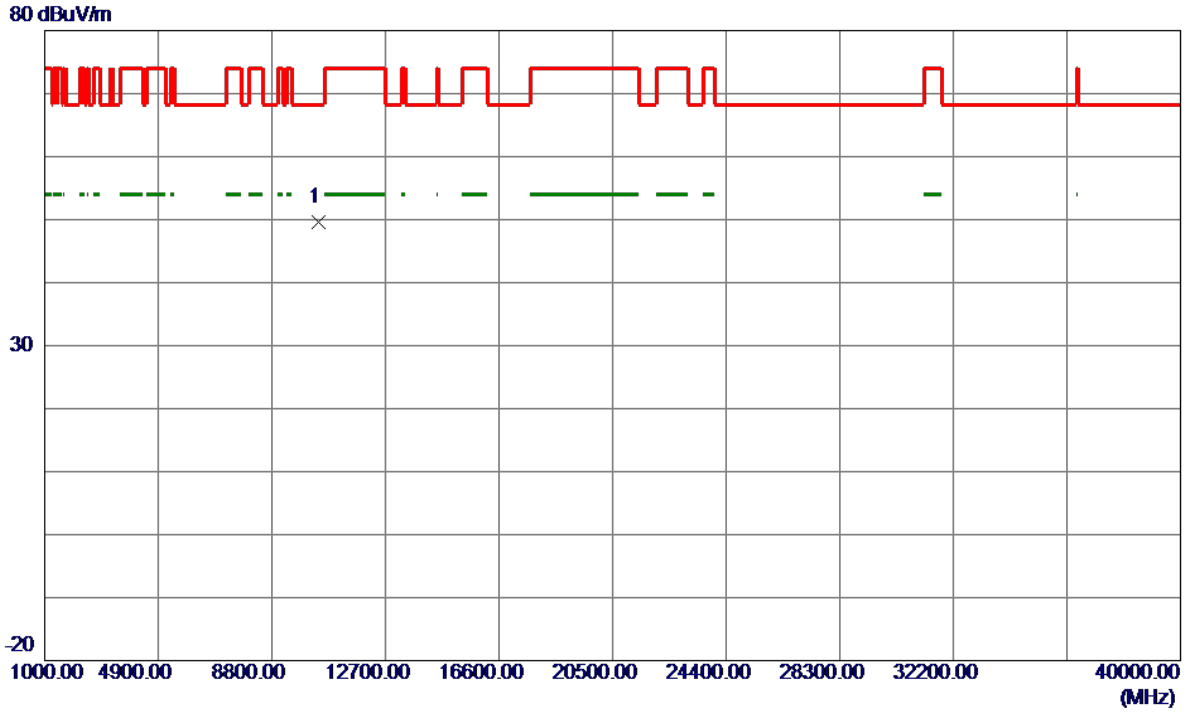
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5198.6000	74.95	16.78	91.73	999.00	-907.27	AVG	No Limit
2 *	5199.2000	85.34	16.79	102.13	68.30	33.83	Peak	No Limit

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

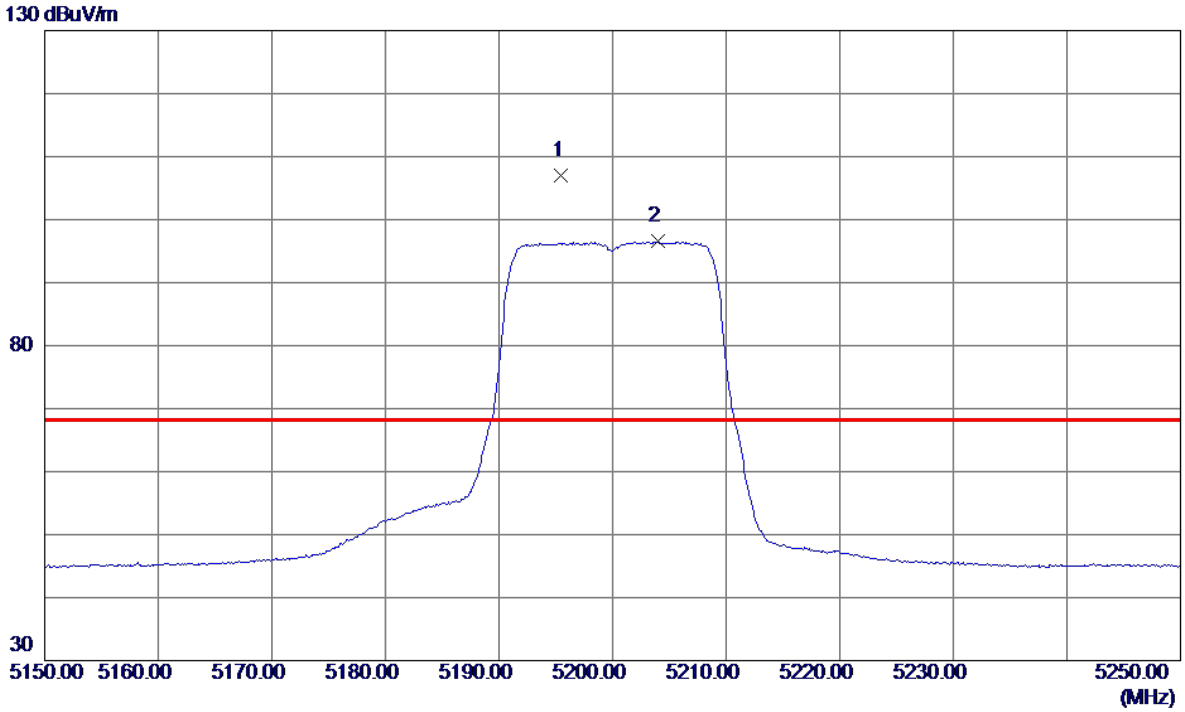
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10403.6500	34.68	14.92	49.60	68.30	-18.70	Peak	

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

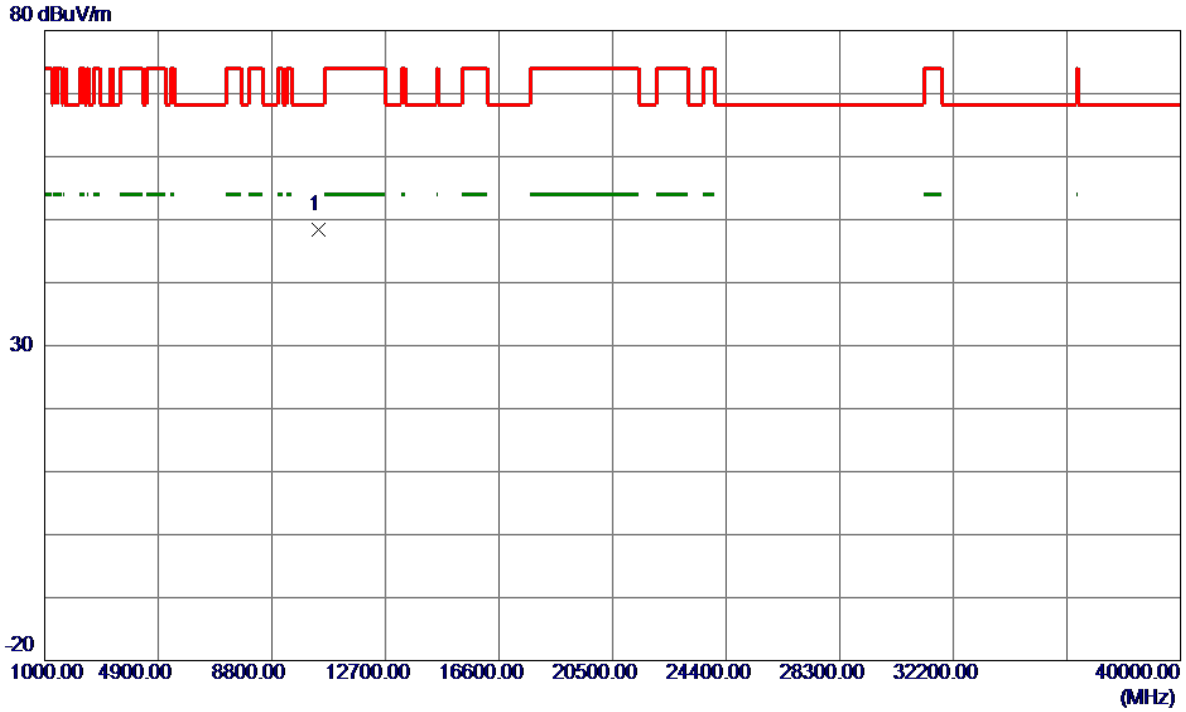
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5195.5000	90.25	16.78	107.03	68.30	38.73	Peak	No Limit
2	5204.0000	79.73	16.80	96.53	999.00	-902.47	AVG	No Limit

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

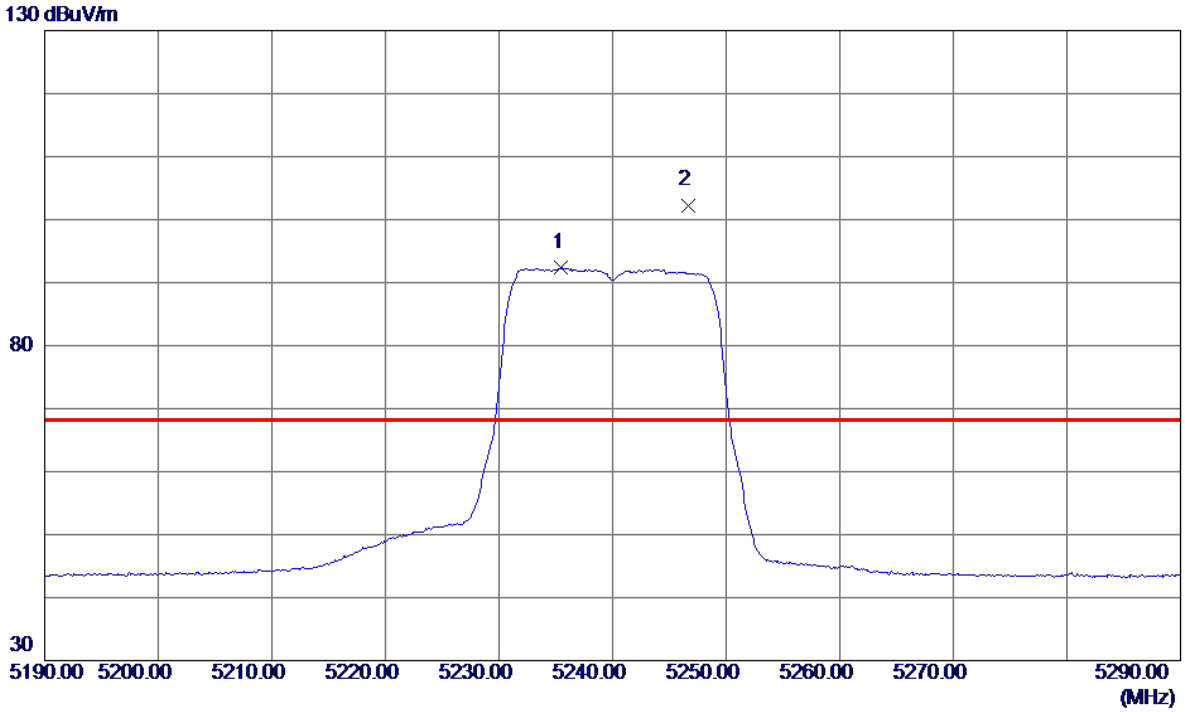
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10403.8500	33.43	14.92	48.35	68.30	-19.95	Peak	

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

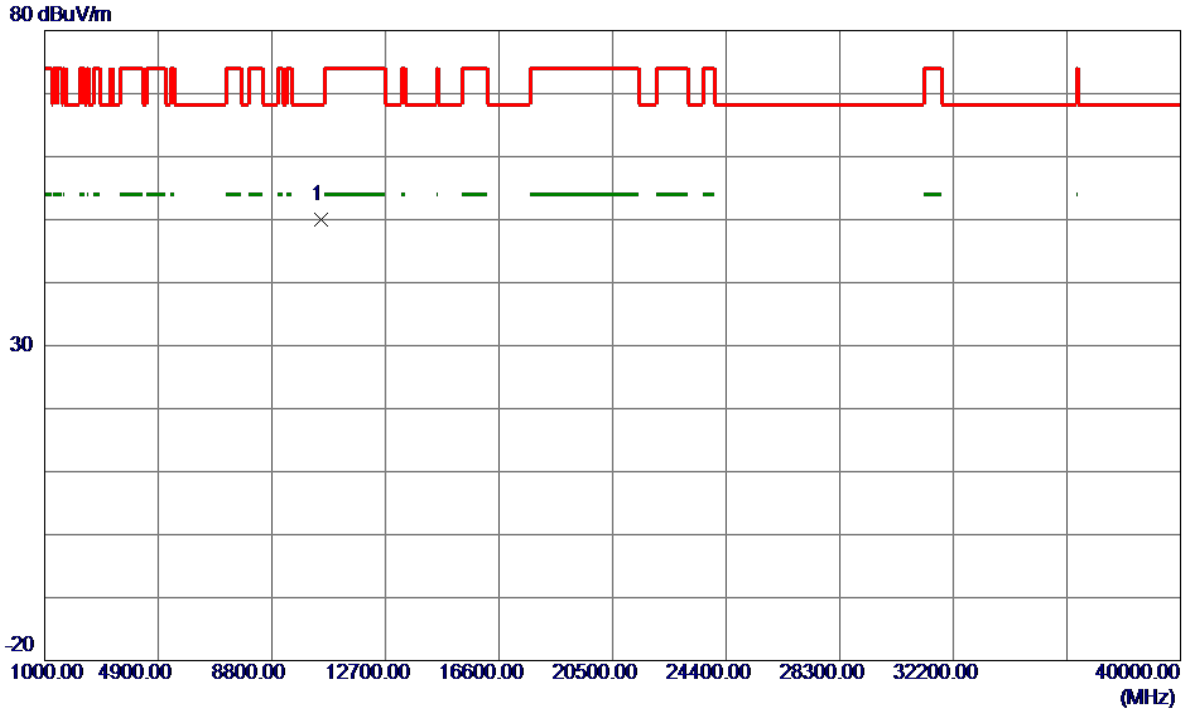
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5235.5000	75.47	16.89	92.36	999.00	-906.64	AVG	No Limit
2 *	5246.7000	85.38	16.92	102.30	68.30	34.00	Peak	No Limit

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

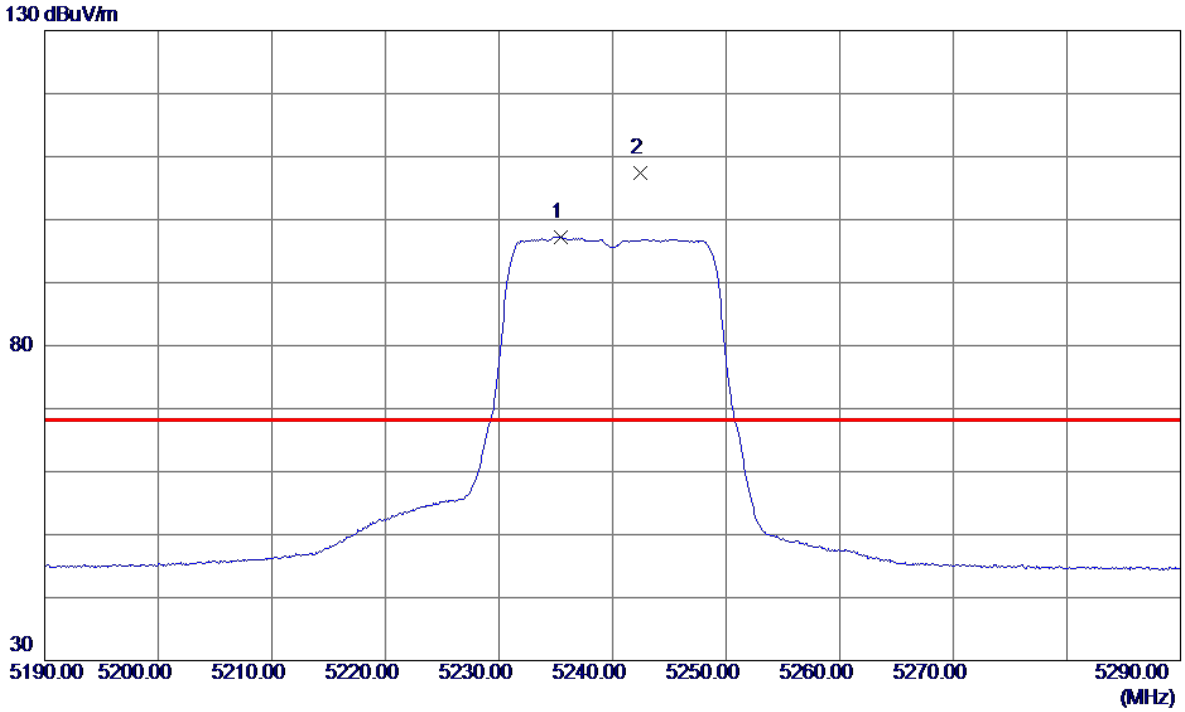
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10496.5000	34.90	15.09	49.99	68.30	-18.31	Peak	

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

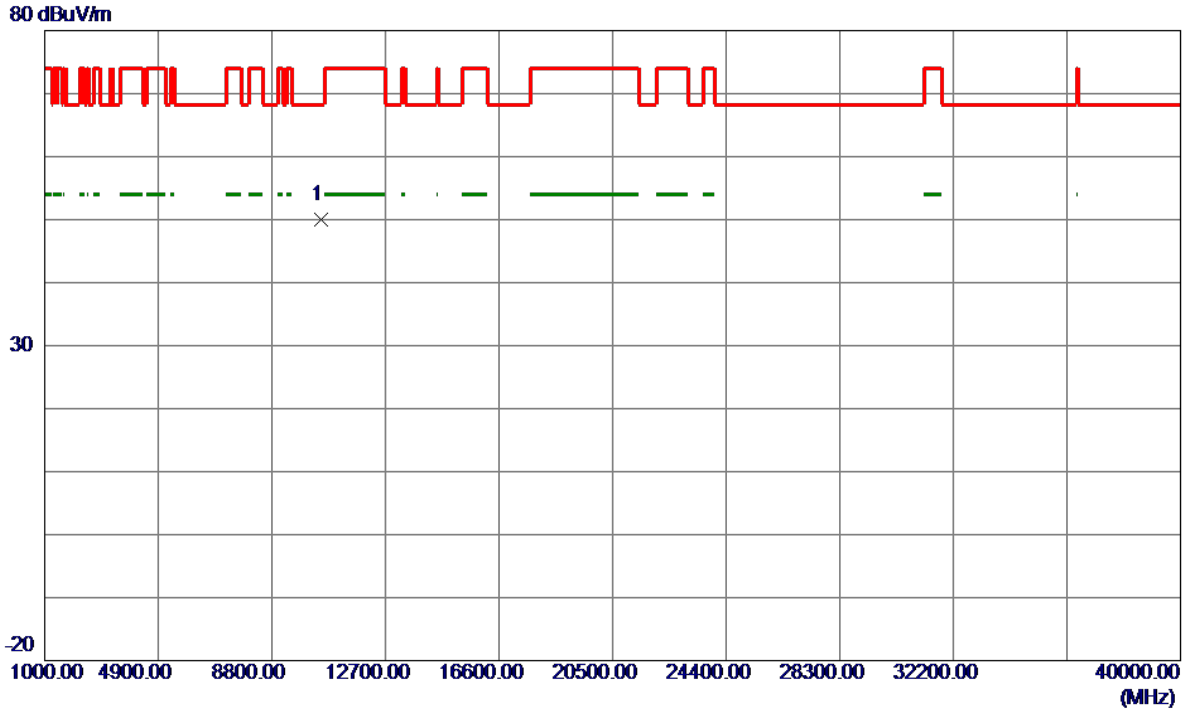
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5235.4000	80.40	16.89	97.29	999.00	-901.71	AVG	No Limit
2 *	5242.4000	90.49	16.91	107.40	68.30	39.10	Peak	No Limit

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

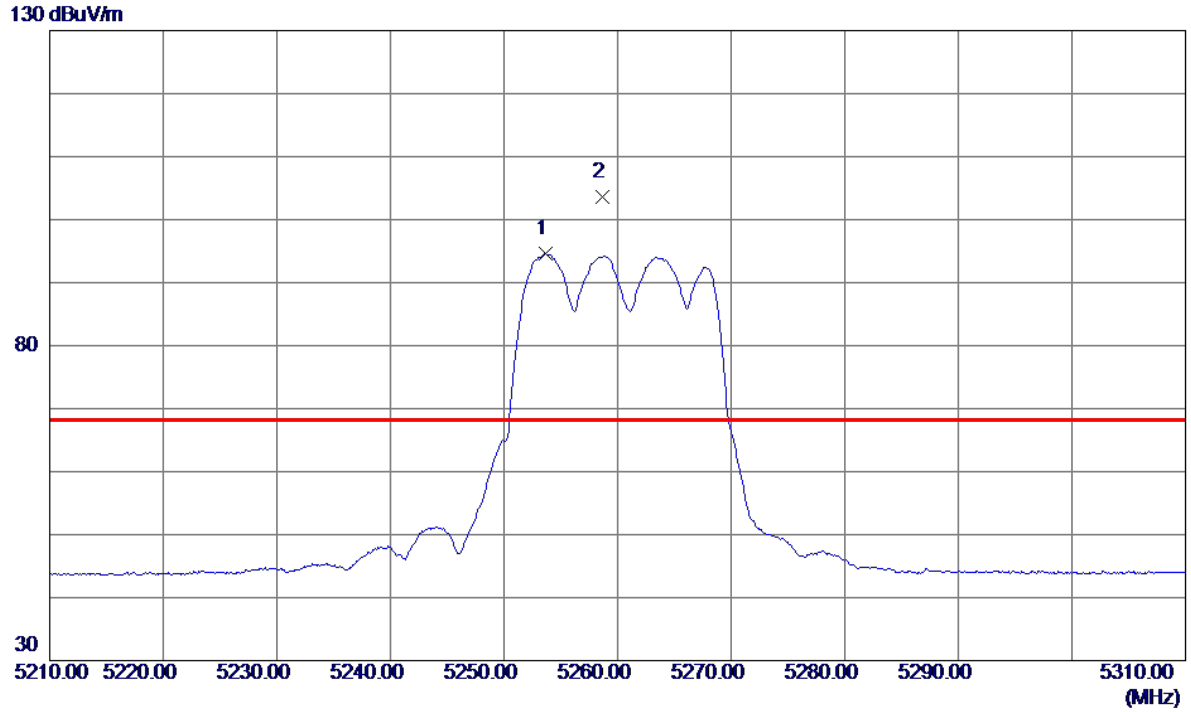
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0500	34.91	15.06	49.97	68.30	-18.33	Peak	

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

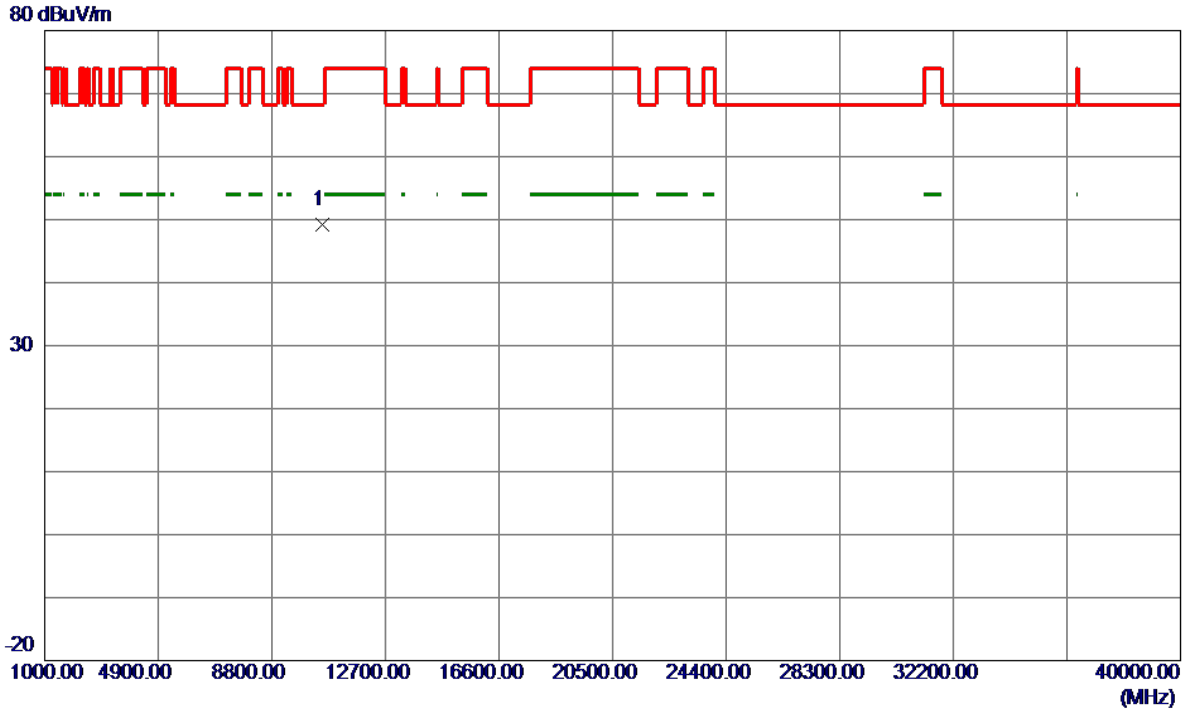
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5253.7000	77.58	16.94	94.52	999.00	-904.48	AVG	No Limit
2 *	5258.7000	86.71	16.95	103.66	68.30	35.36	Peak	No Limit

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

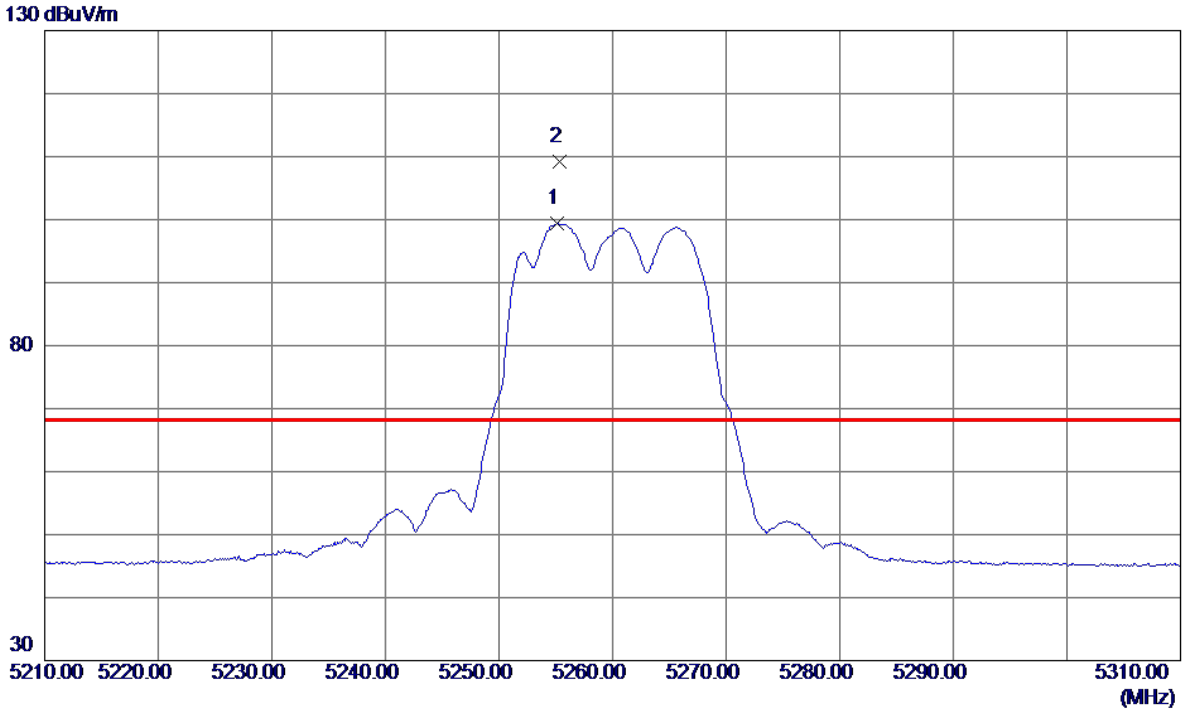
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.6000	34.15	15.11	49.26	68.30	-19.04	Peak	

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

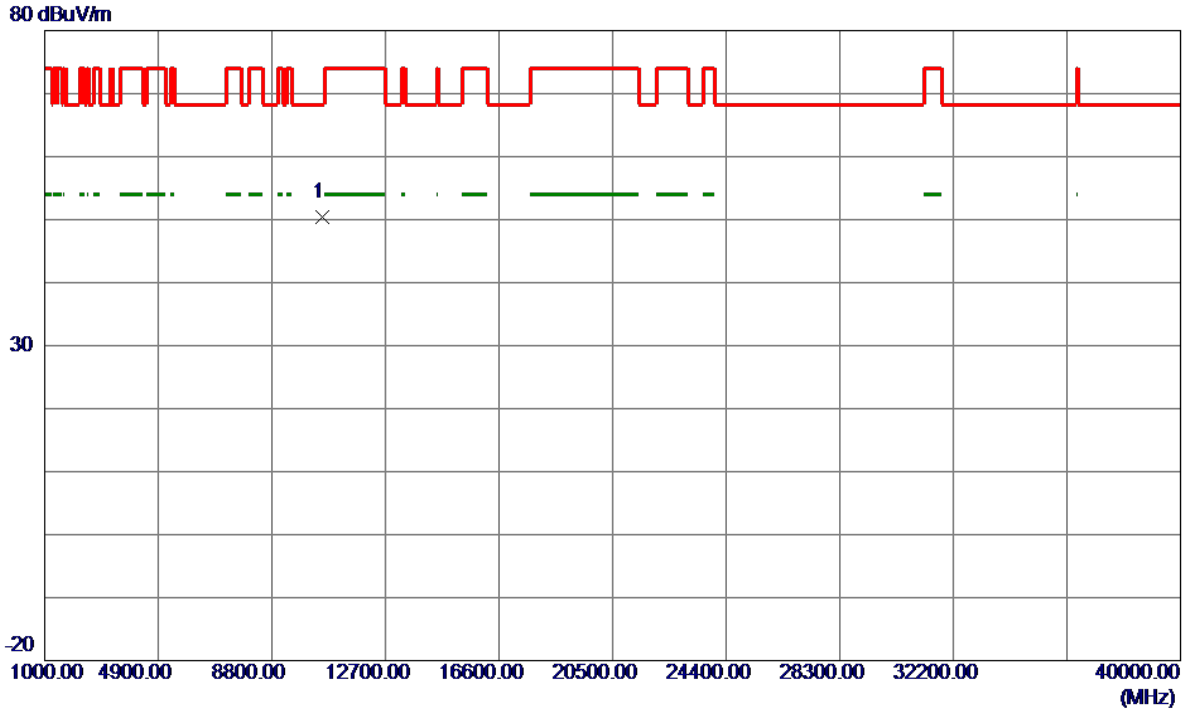
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5255.1000	82.52	16.94	99.46	999.00	-899.54	AVG	No Limit
2 *	5255.3000	92.28	16.94	109.22	68.30	40.92	Peak	No Limit

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

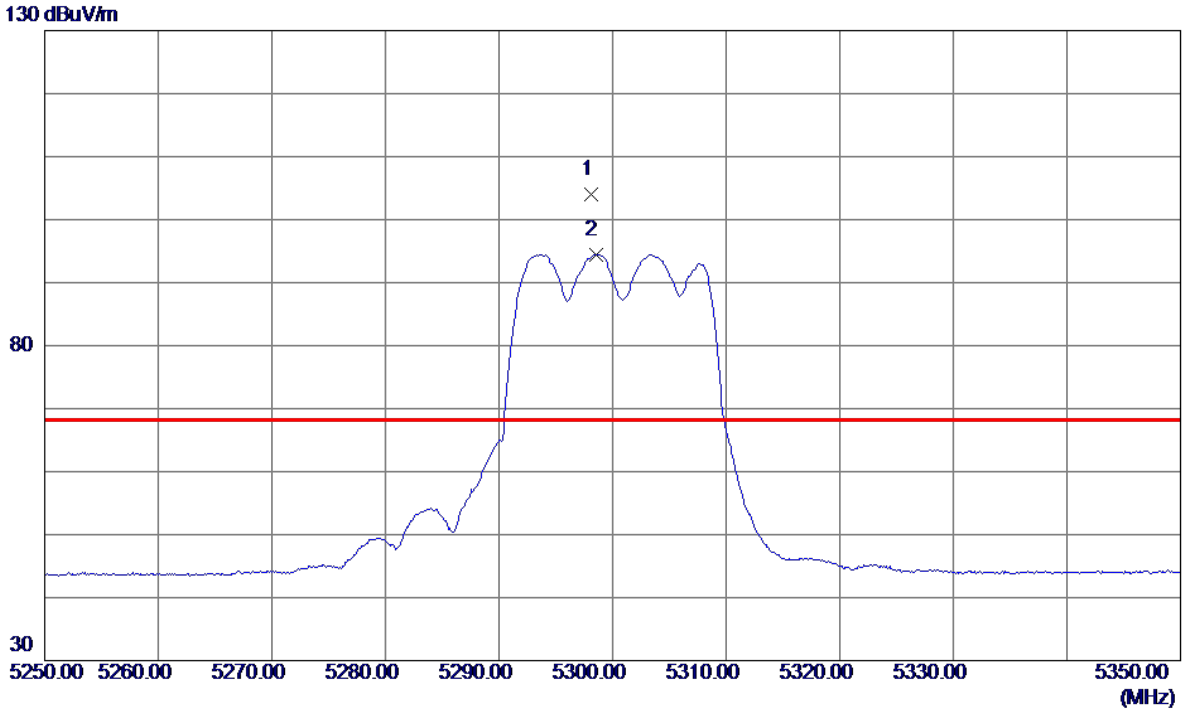
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10513.4000	35.32	15.10	50.42	68.30	-17.88	Peak	

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

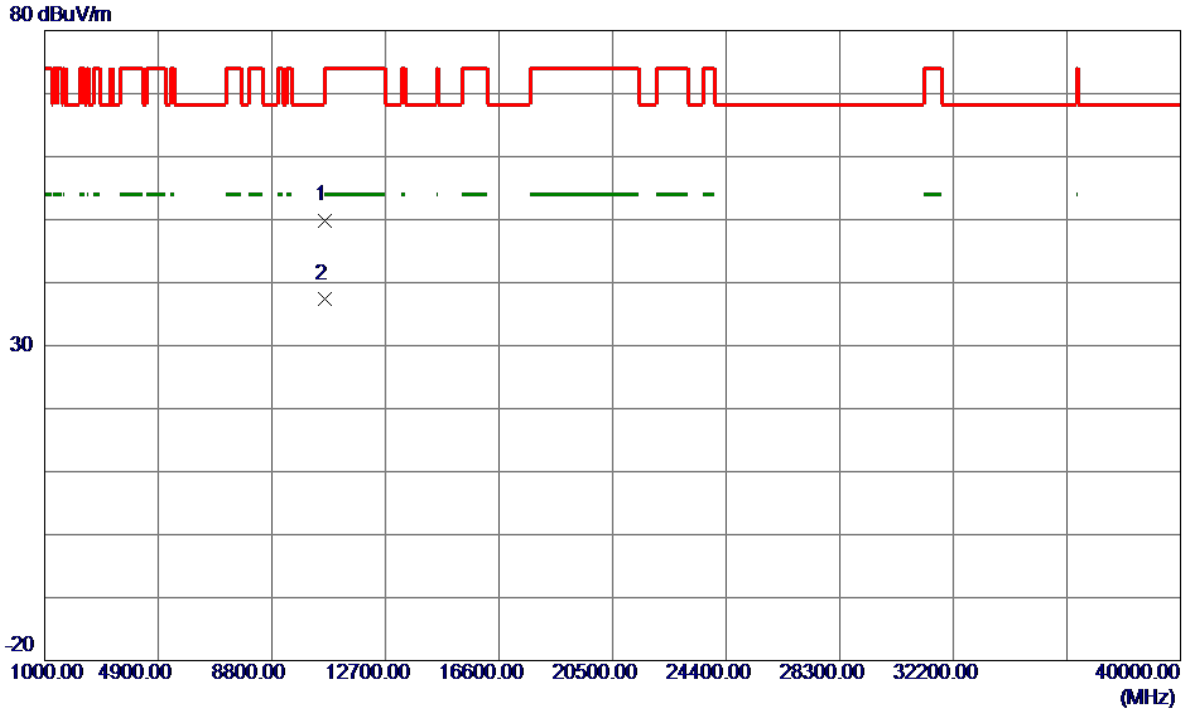
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5298.1000	86.90	17.07	103.97	68.30	35.67	Peak	No Limit
2	5298.5000	77.41	17.07	94.48	999.00	-904.52	AVG	No Limit

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

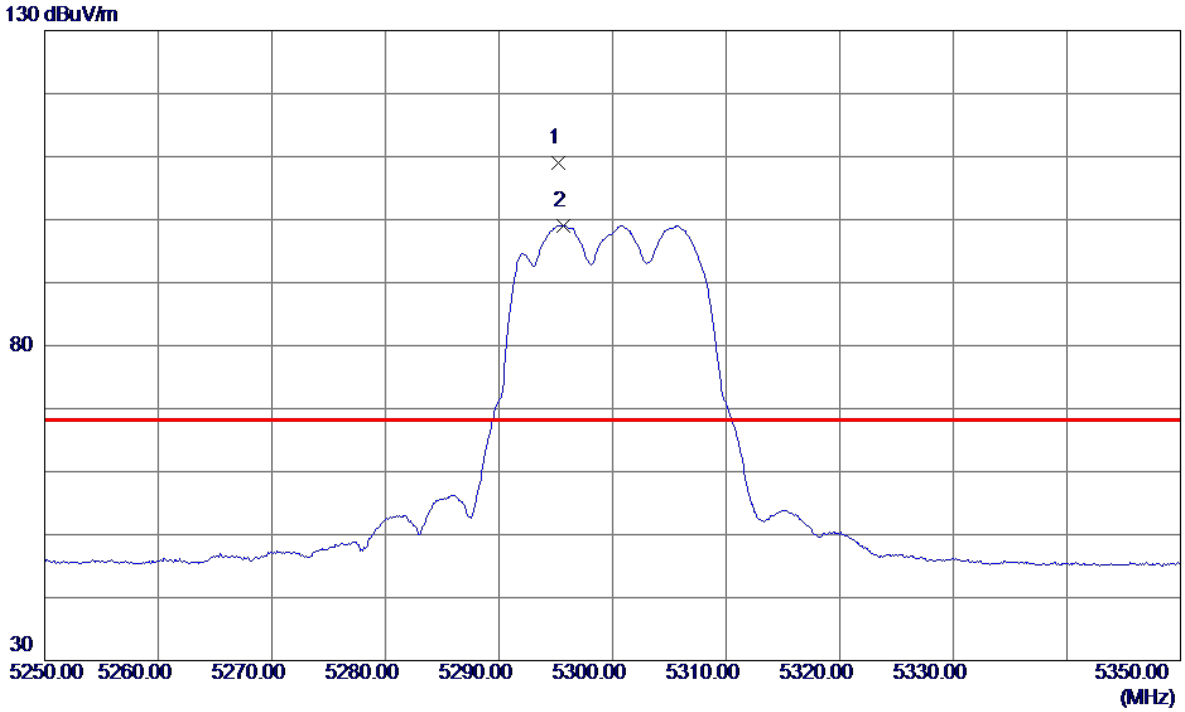
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.9500	34.74	15.16	49.90	68.30	-18.40	Peak	
2 *	10600.3000	22.25	15.16	37.41	54.00	-16.59	AVG	

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

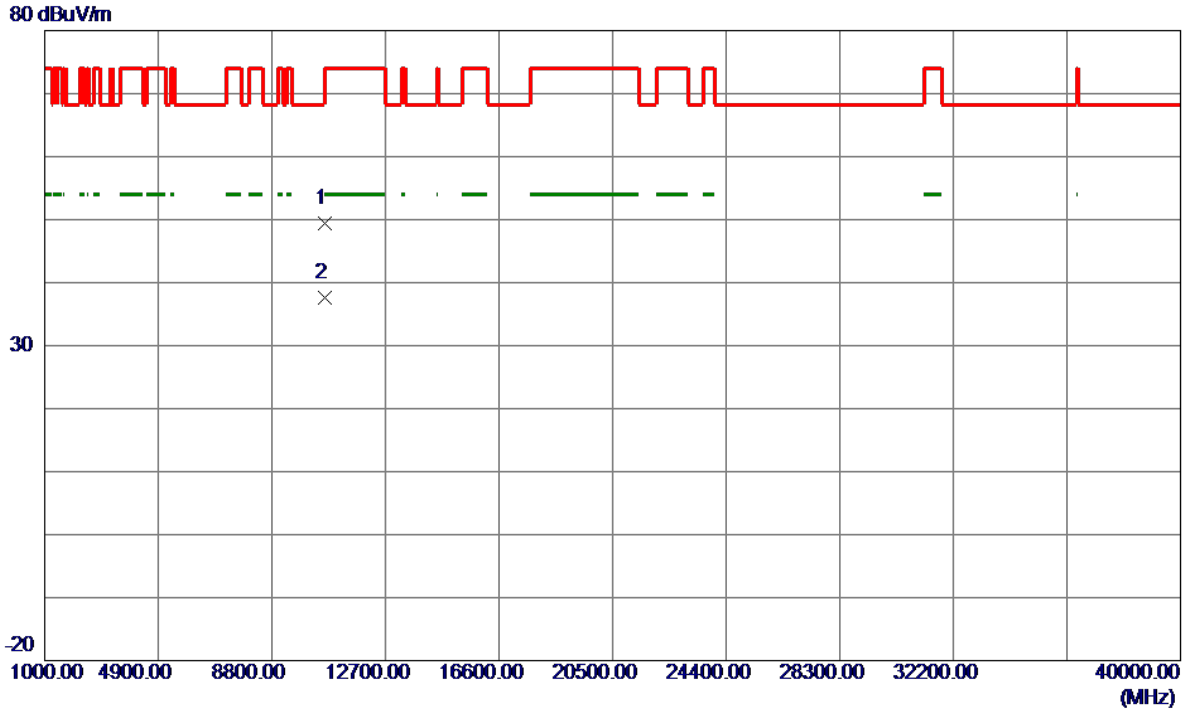
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5295.2000	91.88	17.06	108.94	68.30	40.64	Peak	No Limit
2	5295.7000	82.00	17.06	99.06	999.00	-899.94	AVG	No Limit

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

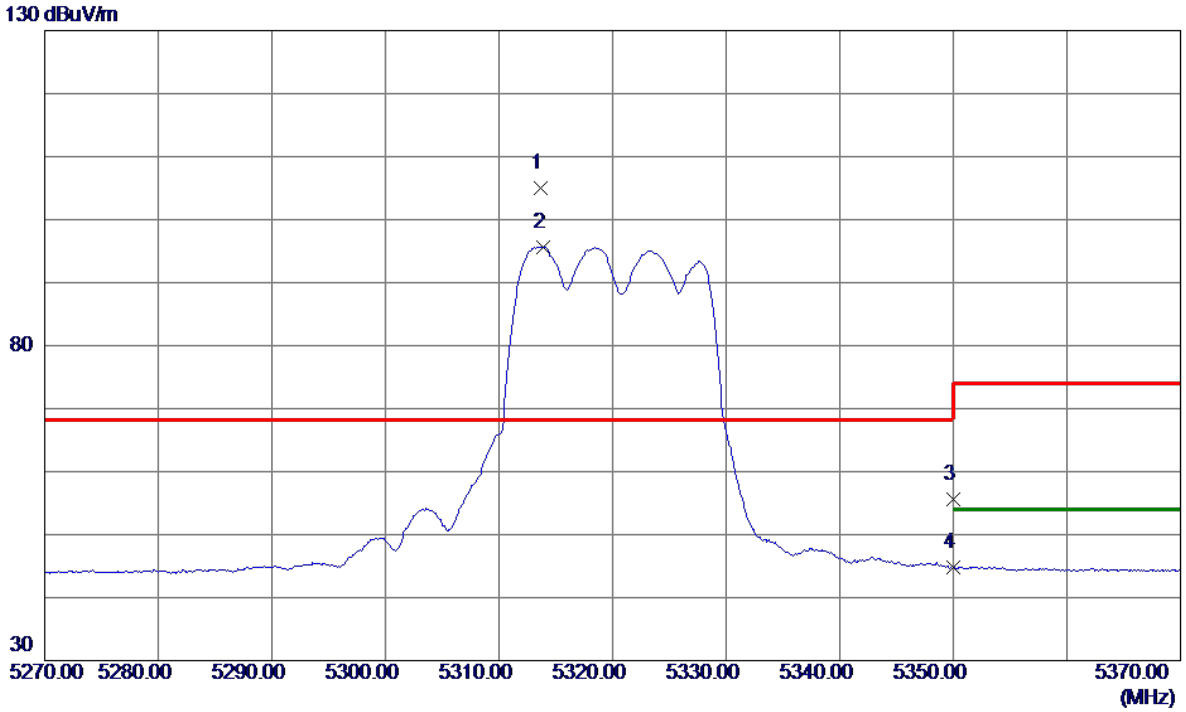
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10600.0500	34.19	15.16	49.35	74.00	-24.65	Peak	
2 *	10600.0500	22.47	15.16	37.63	54.00	-16.37	AVG	

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

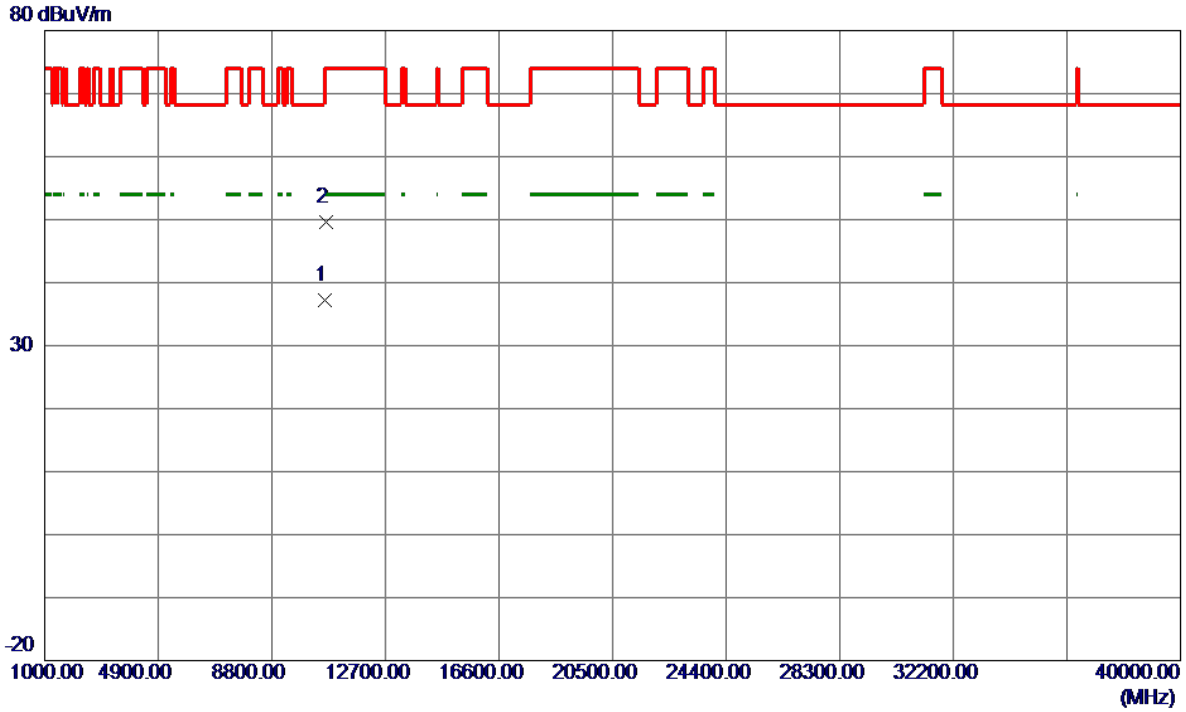
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5313.7000	87.90	17.11	105.01	68.30	36.71	Peak	No Limit
2	5313.9000	78.57	17.11	95.68	999.00	-903.32	AVG	No Limit
3	5350.0000	38.47	17.21	55.68	74.00	-18.32	Peak	
4	5350.0000	27.63	17.21	44.84	999.00	-954.16	AVG	

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

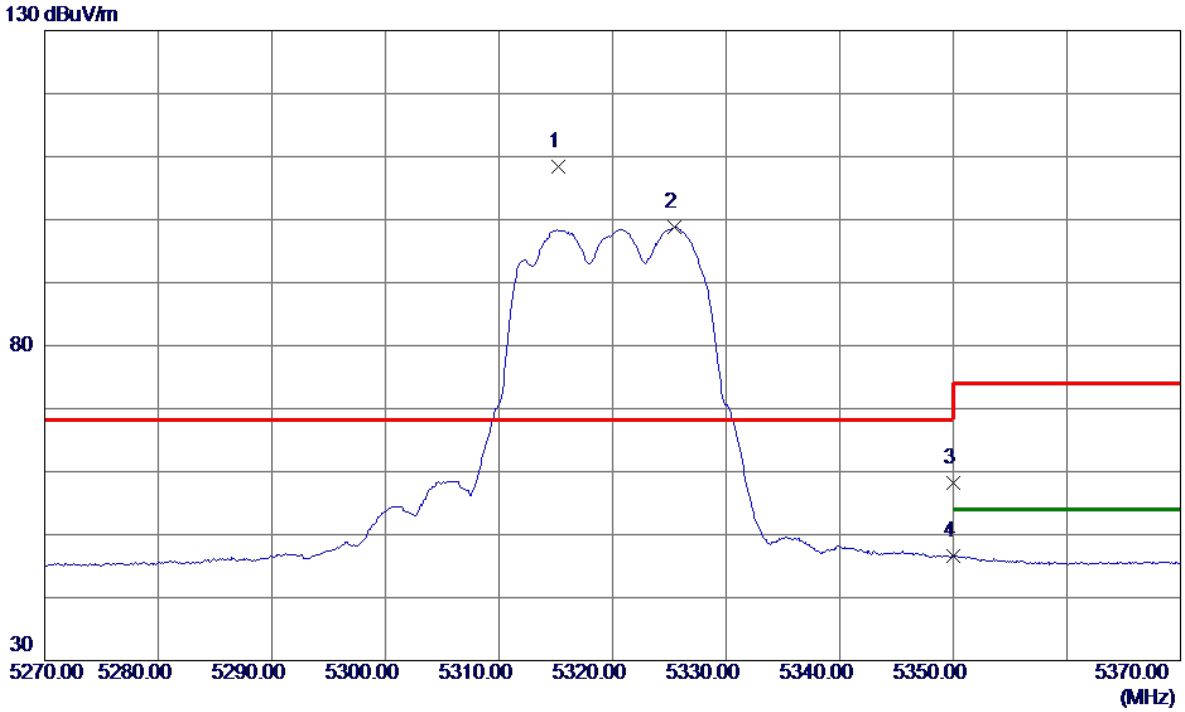
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10641.0500	22.04	15.19	37.23	54.00	-16.77	AVG	
2	10644.4000	34.40	15.19	49.59	74.00	-24.41	Peak	

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

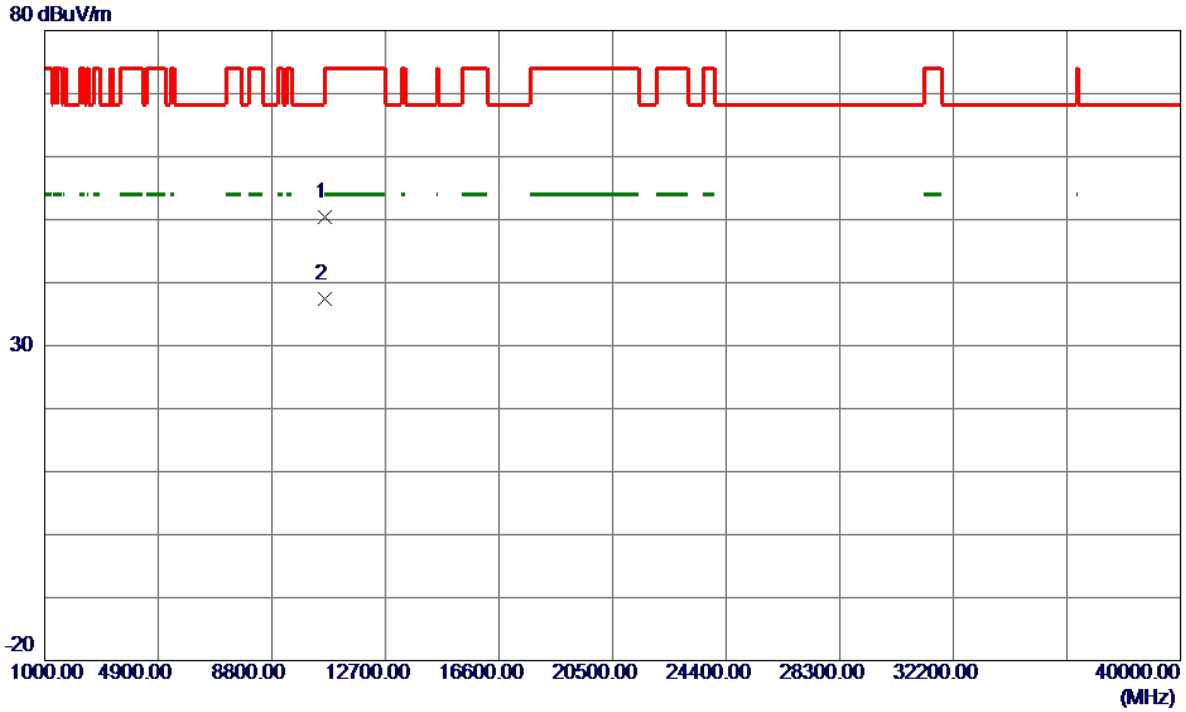
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5315.2000	91.27	17.12	108.39	68.30	40.09	Peak	No Limit
2	5325.4000	81.63	17.14	98.77	999.00	-900.23	AVG	No Limit
3	5350.0000	40.94	17.21	58.15	74.00	-15.85	Peak	
4	5350.0000	29.36	17.21	46.57	999.00	-952.43	AVG	

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

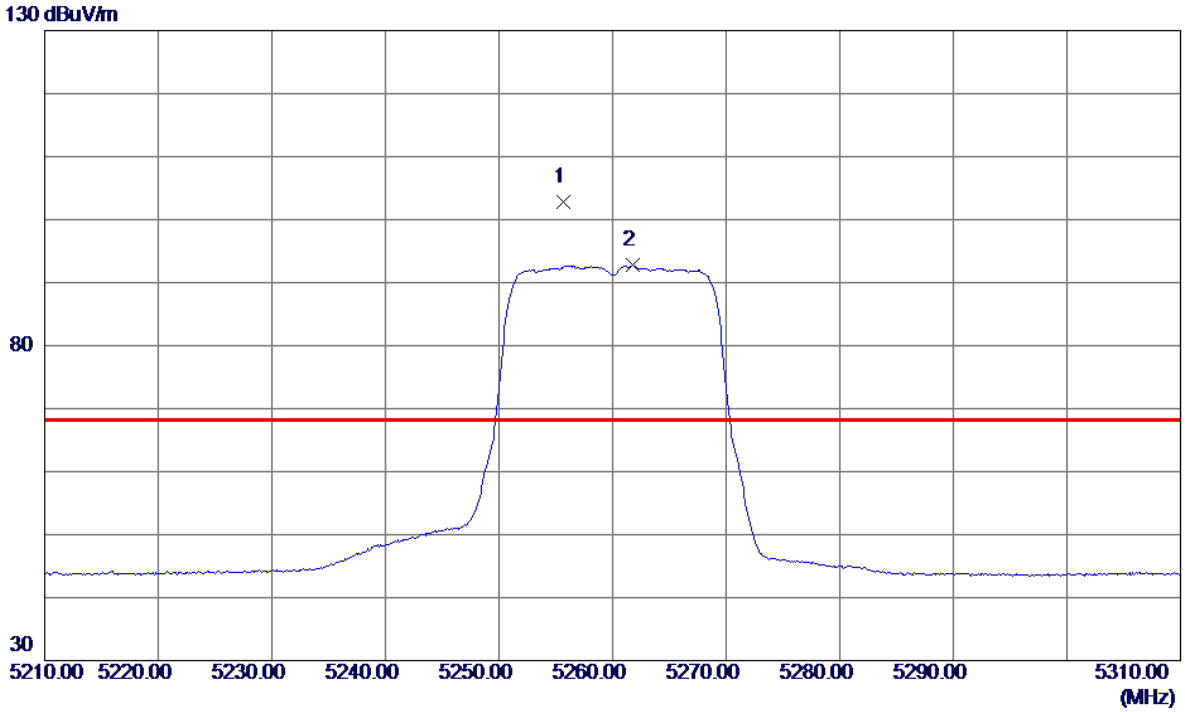
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10630.6500	35.28	15.18	50.46	74.00	-23.54	Peak	
2 *	10637.4000	22.28	15.19	37.47	54.00	-16.53	AVG	

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

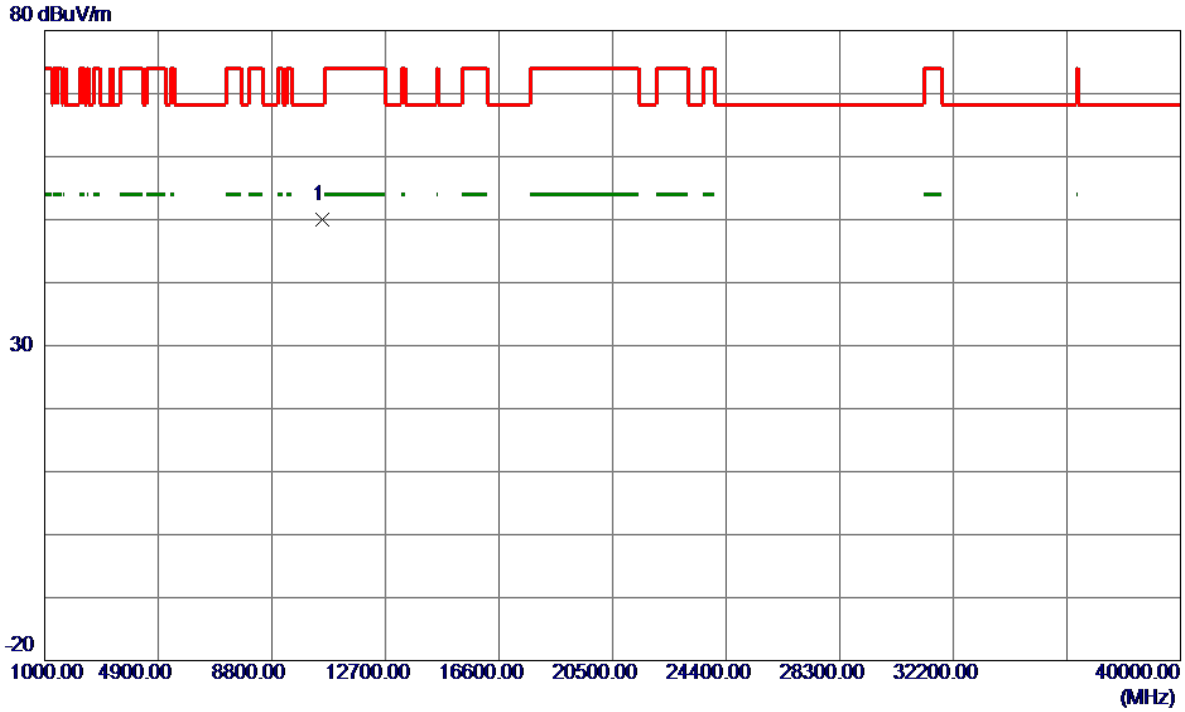
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5255.7000	85.88	16.95	102.83	68.30	34.53	Peak	No Limit
2	5261.8000	75.75	16.96	92.71	999.00	-906.29	AVG	No Limit

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

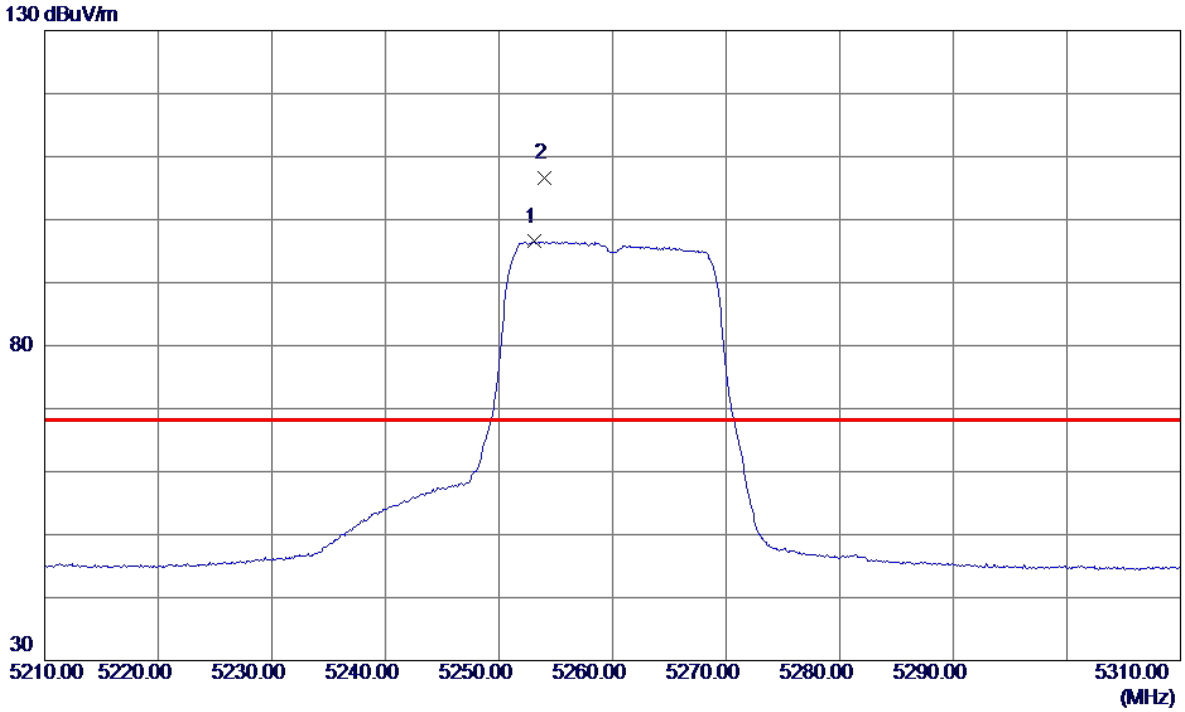
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10527.8000	34.88	15.11	49.99	68.30	-18.31	Peak	

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

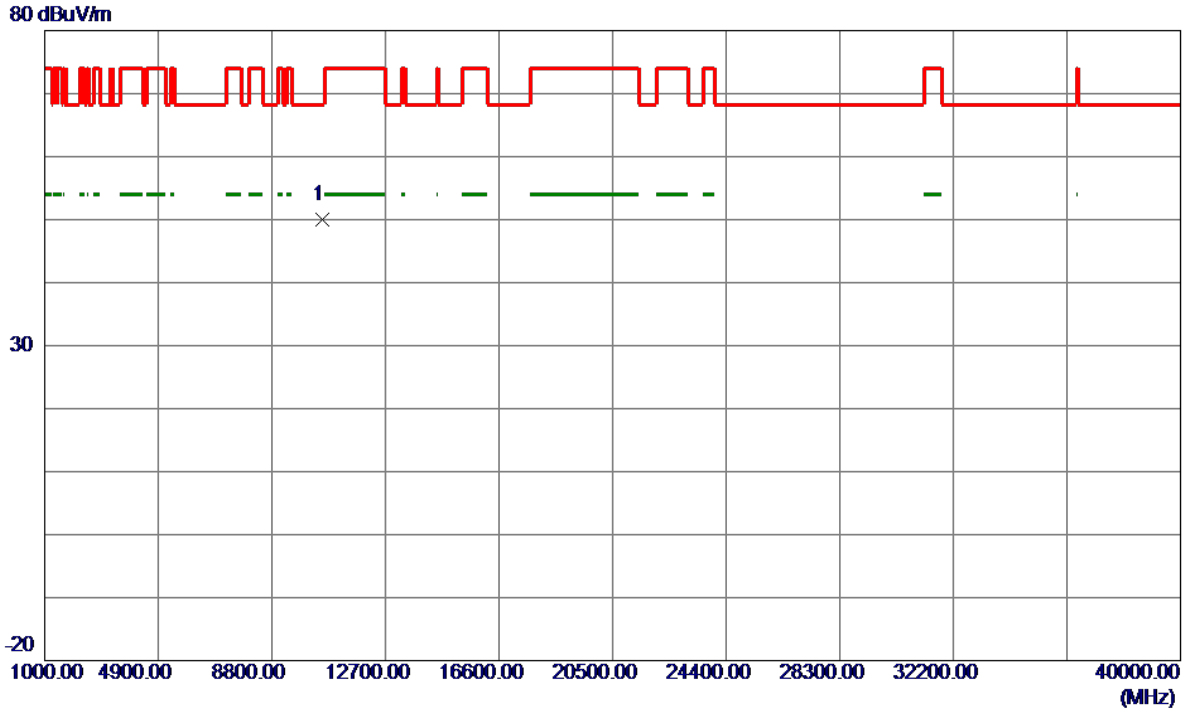
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5253.1000	79.56	16.94	96.50	999.00	-902.50	AVG	No Limit
2 *	5254.0000	89.63	16.94	106.57	68.30	38.27	Peak	No Limit

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

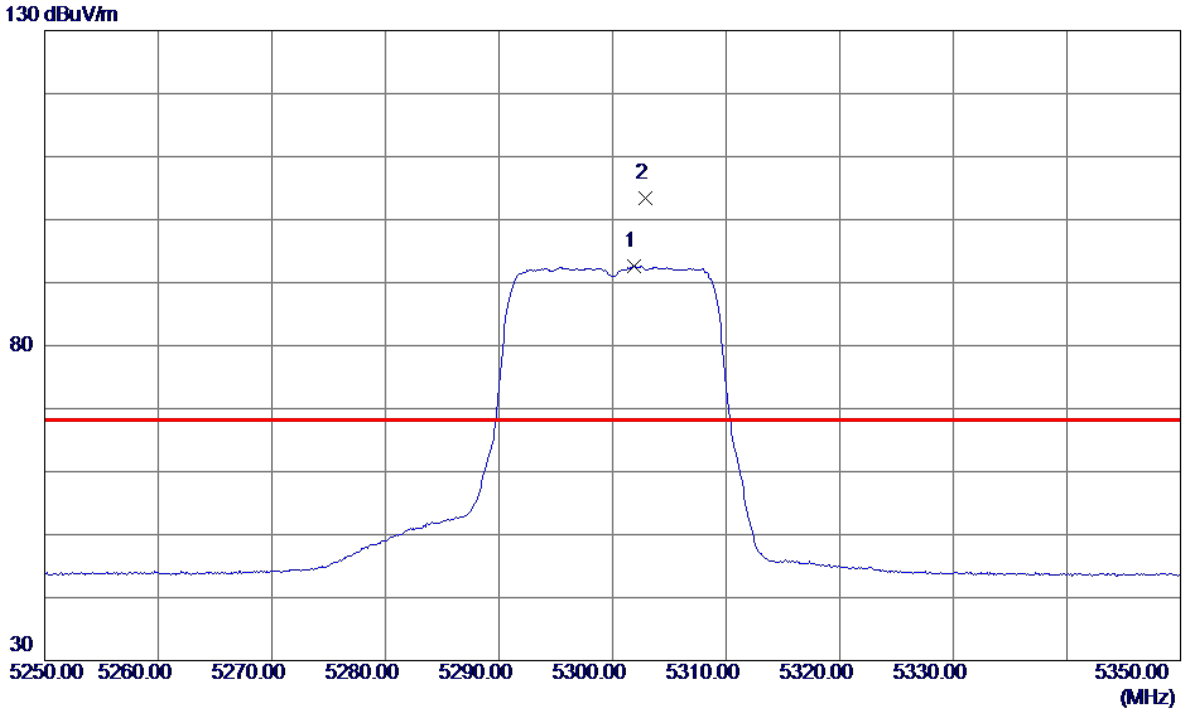
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10522.3500	34.92	15.11	50.03	68.30	-18.27	Peak	

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

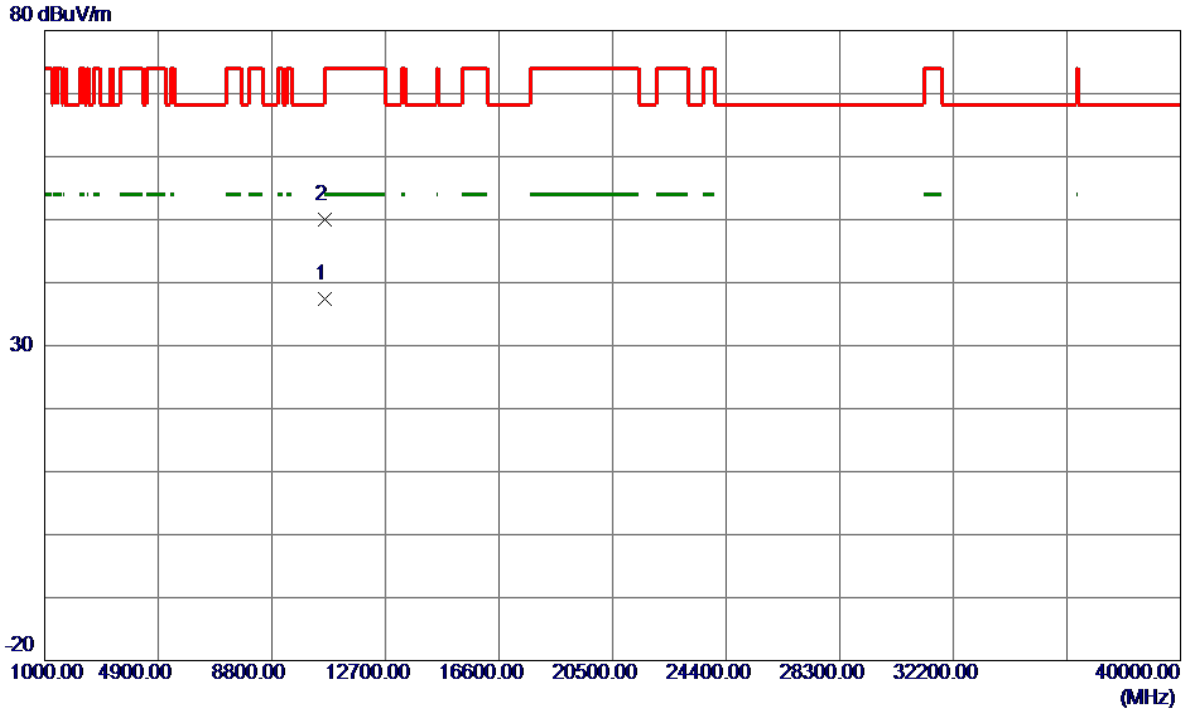
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5301.9000	75.51	17.08	92.59	999.00	-906.41	AVG	No Limit
2 *	5302.9000	86.37	17.08	103.45	68.30	35.15	Peak	No Limit

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

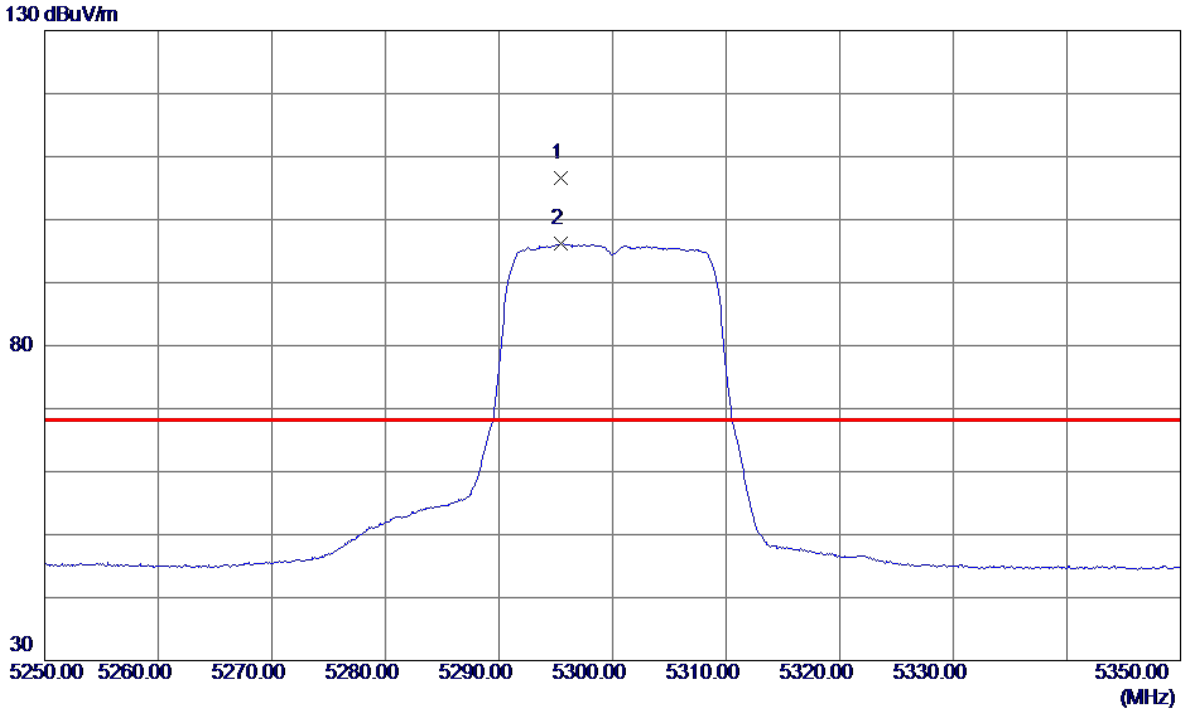
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10600.4000	22.23	15.16	37.39	54.00	-16.61	AVG	
2	10602.7500	34.92	15.16	50.08	74.00	-23.92	Peak	

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

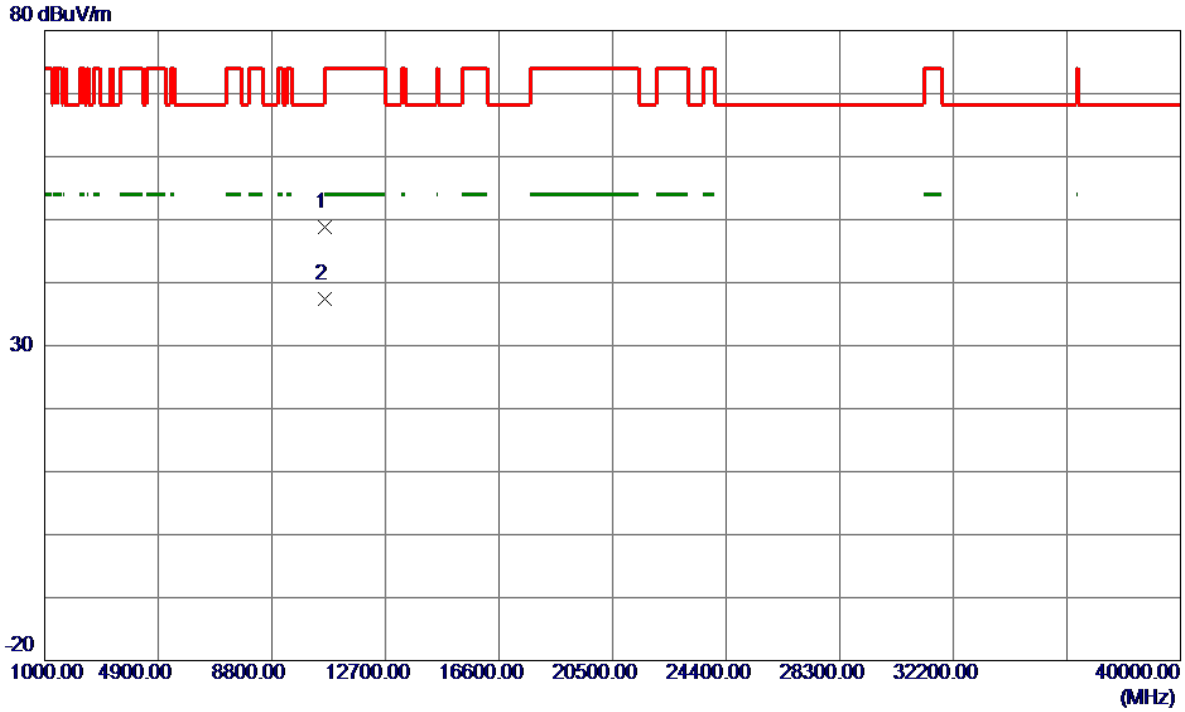
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5295.4000	89.62	17.06	106.68	68.30	38.38	Peak	No Limit
2	5295.4000	79.12	17.06	96.18	999.00	-902.82	AVG	No Limit

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

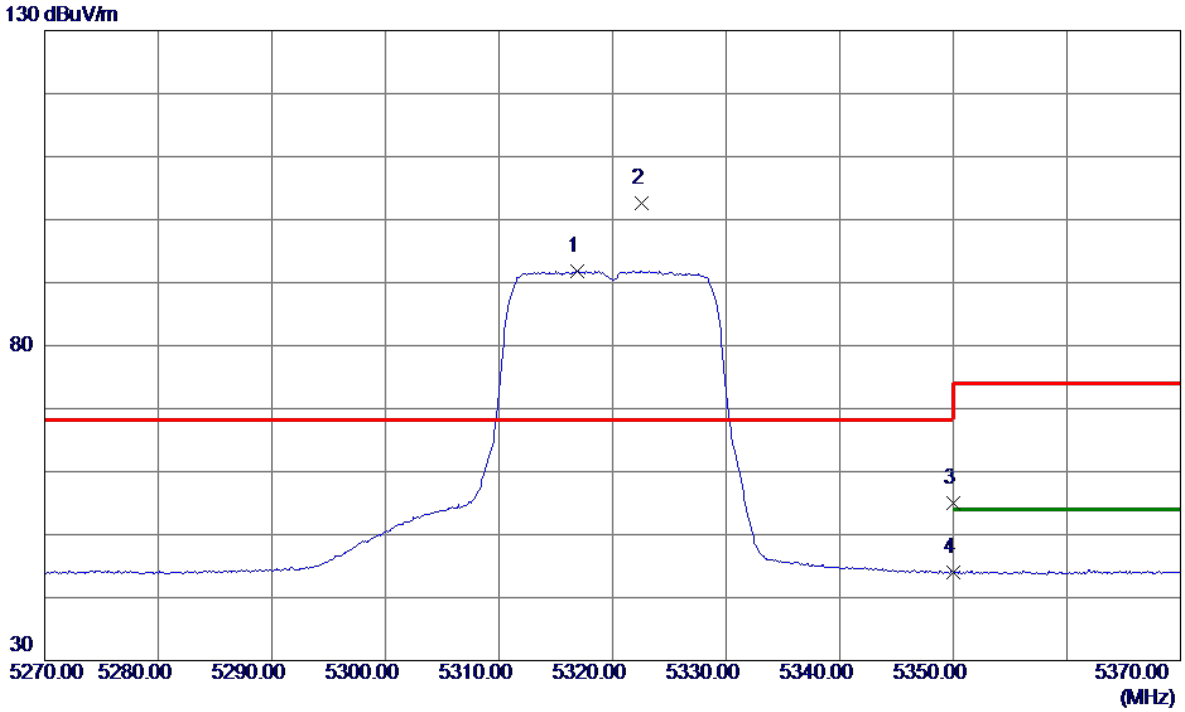
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10601.1000	33.61	15.16	48.77	74.00	-25.23	Peak	
2 *	10601.6000	22.25	15.16	37.41	54.00	-16.59	AVG	

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

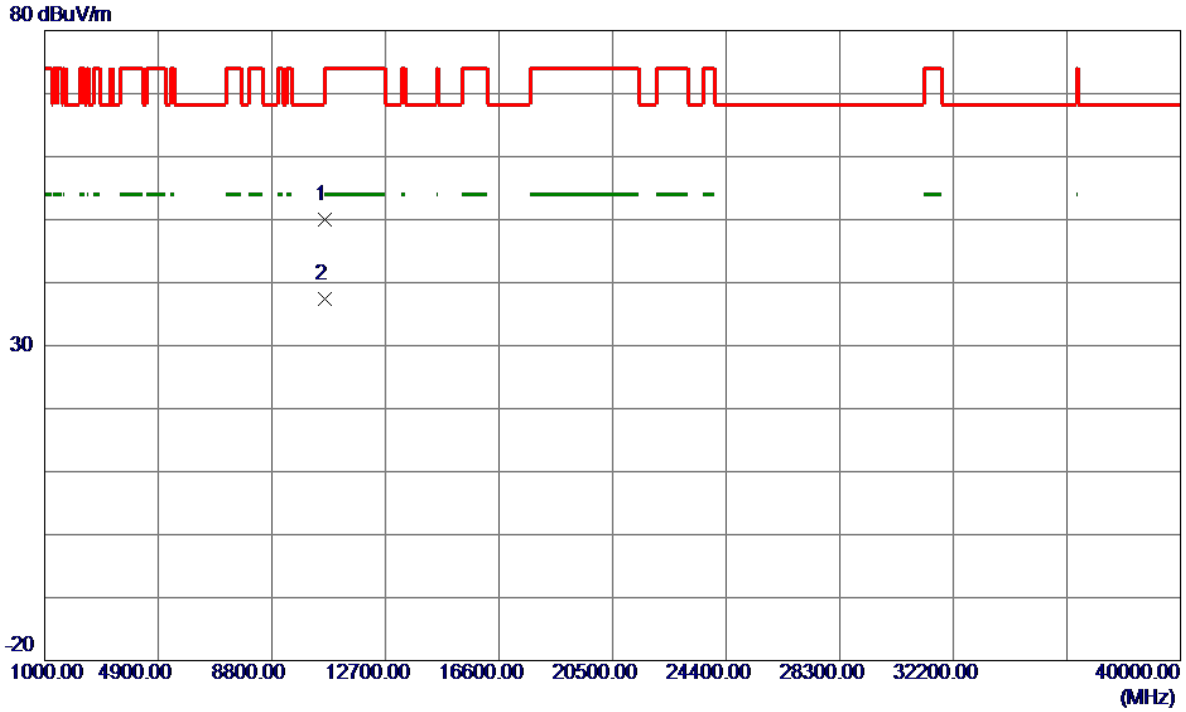
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5316.9000	74.73	17.12	91.85	999.00	-907.15	AVG	No Limit
2 *	5322.6000	85.42	17.14	102.56	68.30	34.26	Peak	No Limit
3	5350.0000	37.76	17.21	54.97	74.00	-19.03	Peak	
4	5350.0000	26.71	17.21	43.92	999.00	-955.08	AVG	

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

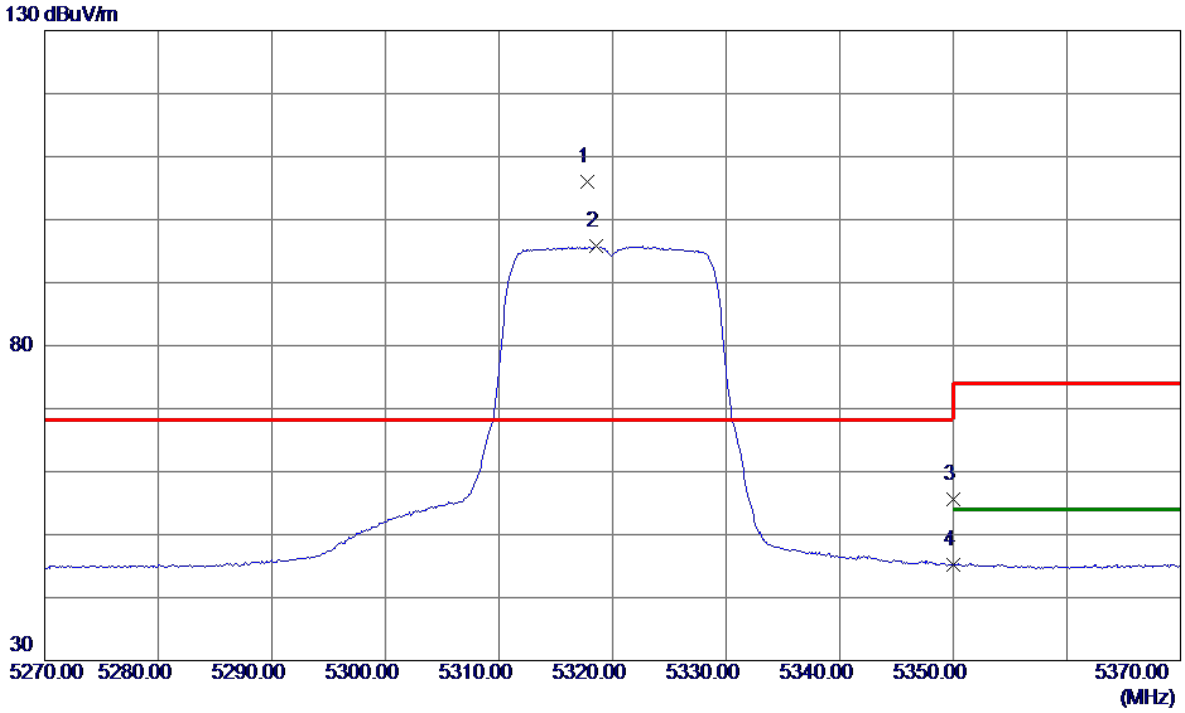
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10639.8000	34.72	15.19	49.91	74.00	-24.09	Peak	
2 *	10641.0500	22.20	15.19	37.39	54.00	-16.61	AVG	

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

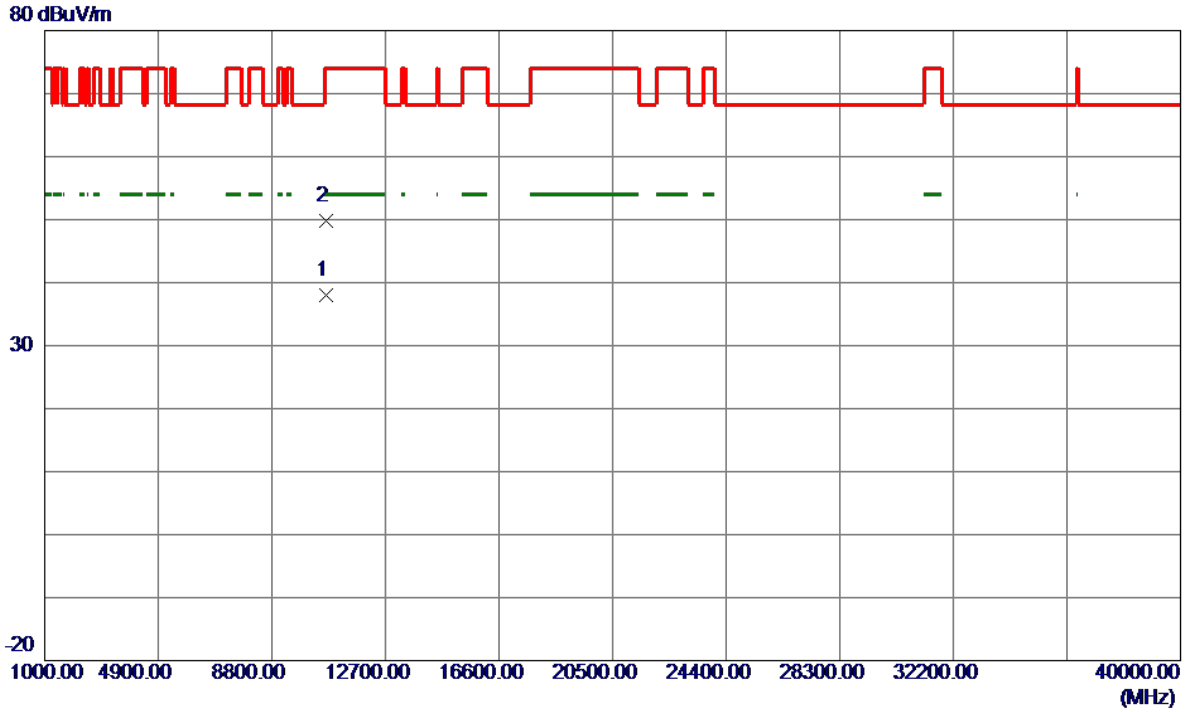
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5317.8000	88.95	17.12	106.07	68.30	37.77	Peak	No Limit
2	5318.6000	78.62	17.12	95.74	999.00	-903.26	AVG	No Limit
3	5350.0000	38.47	17.21	55.68	74.00	-18.32	Peak	
4	5350.0000	28.07	17.21	45.28	999.00	-953.72	AVG	

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

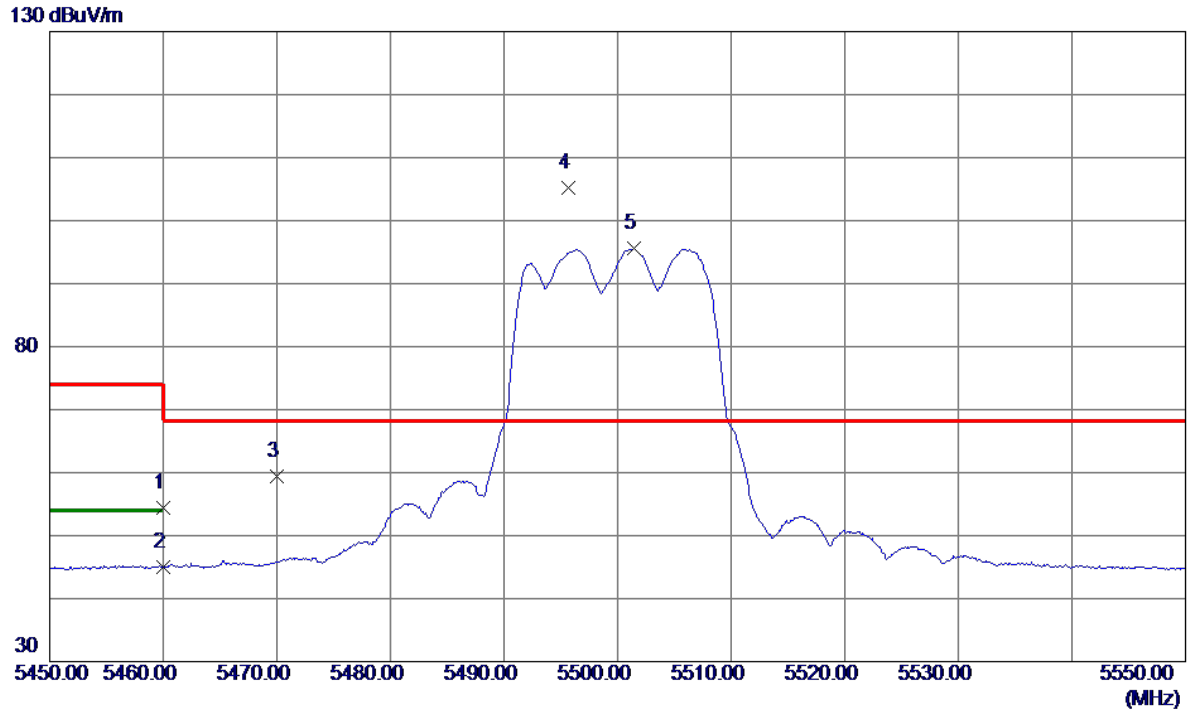
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10642.6500	22.83	15.19	38.02	54.00	-15.98	AVG	
2	10645.2000	34.55	15.19	49.74	74.00	-24.26	Peak	

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

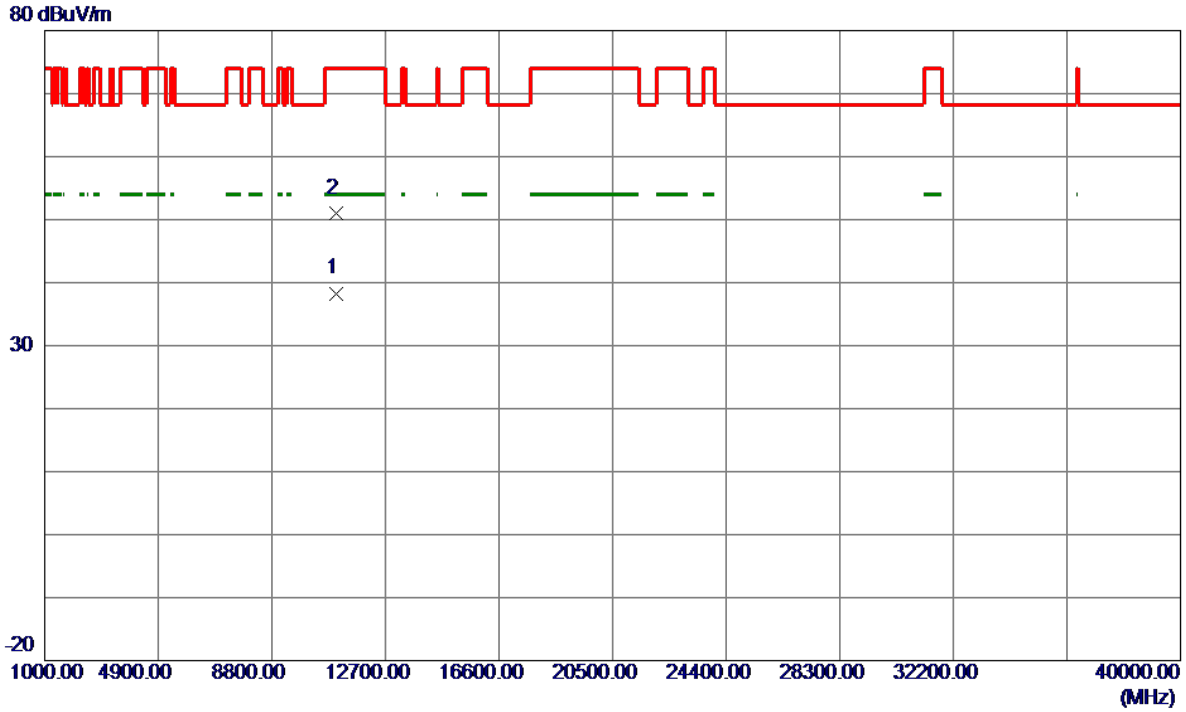
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.80	17.53	54.33	74.00	-19.67	Peak	
2	5460.0000	27.56	17.53	45.09	54.00	-8.91	AVG	
3	5470.0000	41.89	17.55	59.44	68.30	-8.86	Peak	
4 *	5495.7000	87.57	17.63	105.20	68.30	36.90	Peak	No Limit
5	5501.4000	77.88	17.64	95.52	999.00	-903.48	AVG	No Limit

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

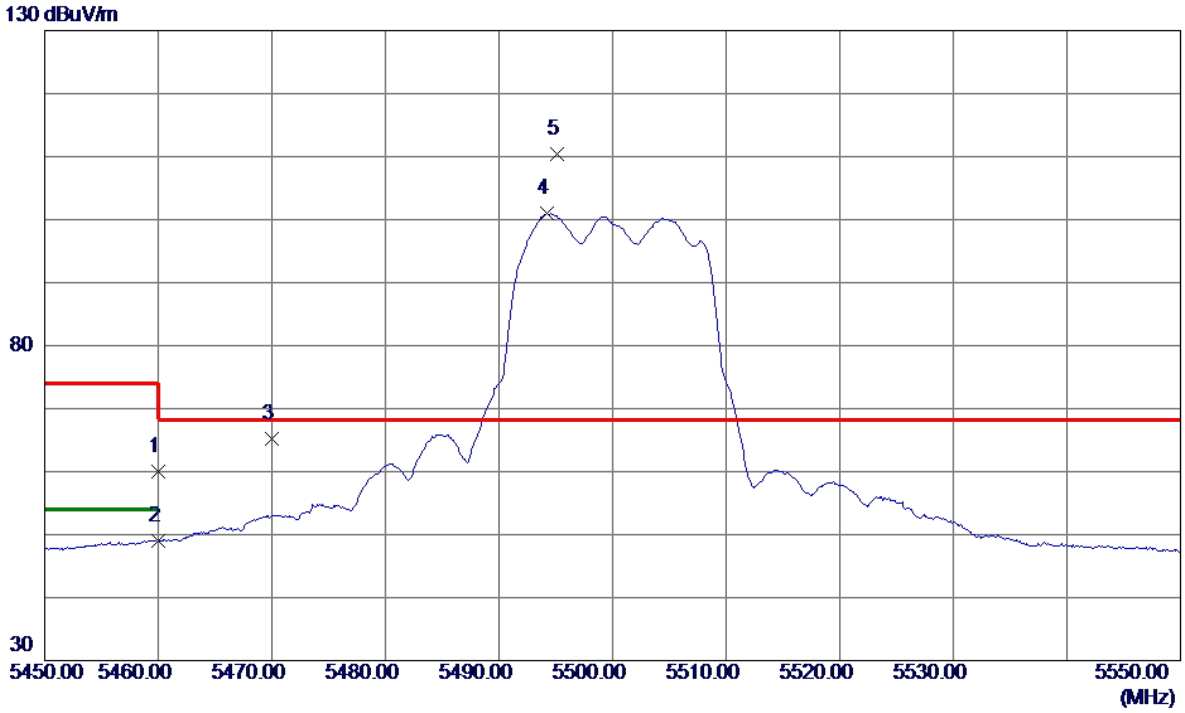
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11006.0500	22.86	15.44	38.30	54.00	-15.70	AVG	
2	11007.2500	35.47	15.44	50.91	74.00	-23.09	Peak	

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

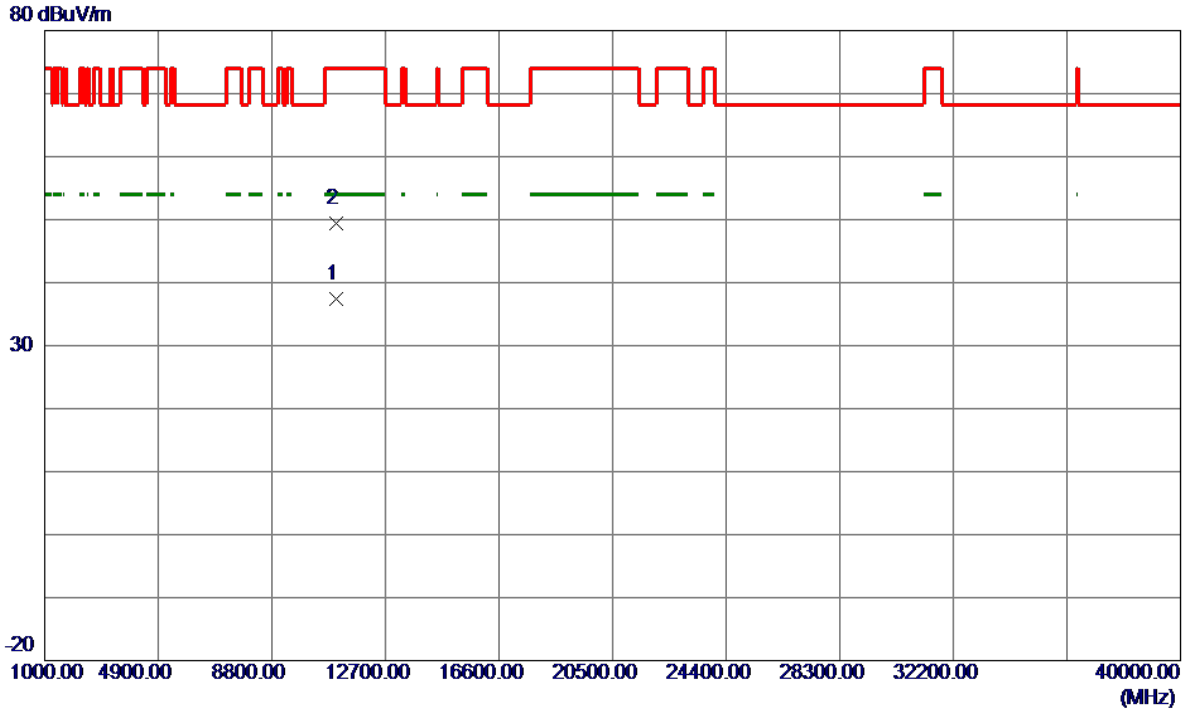
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	42.51	17.53	60.04	74.00	-13.96	Peak	
2	5460.0000	31.55	17.53	49.08	54.00	-4.92	AVG	
3	5470.0000	47.62	17.55	65.17	68.30	-3.13	Peak	
4	5494.2000	83.32	17.62	100.94	999.00	-898.06	AVG	No Limit
5 *	5495.1000	92.68	17.63	110.31	68.30	42.01	Peak	No Limit

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

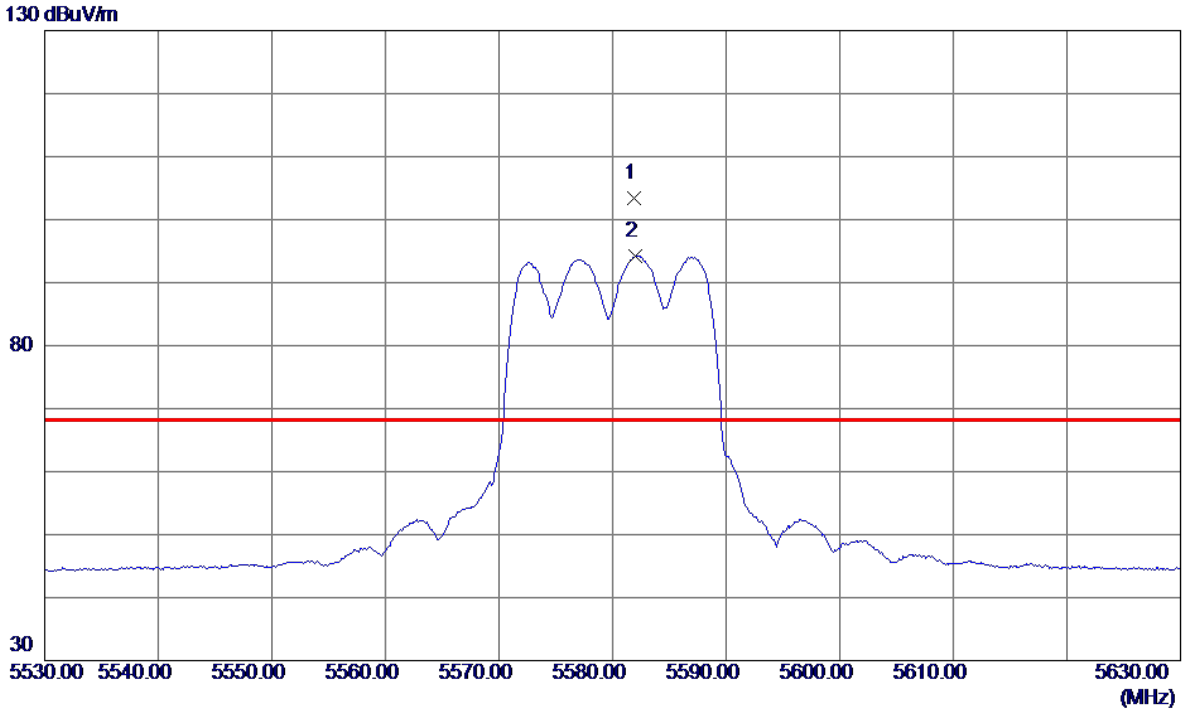
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11001.8500	21.98	15.43	37.41	54.00	-16.59	AVG	
2	11002.3500	34.00	15.43	49.43	74.00	-24.57	Peak	

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

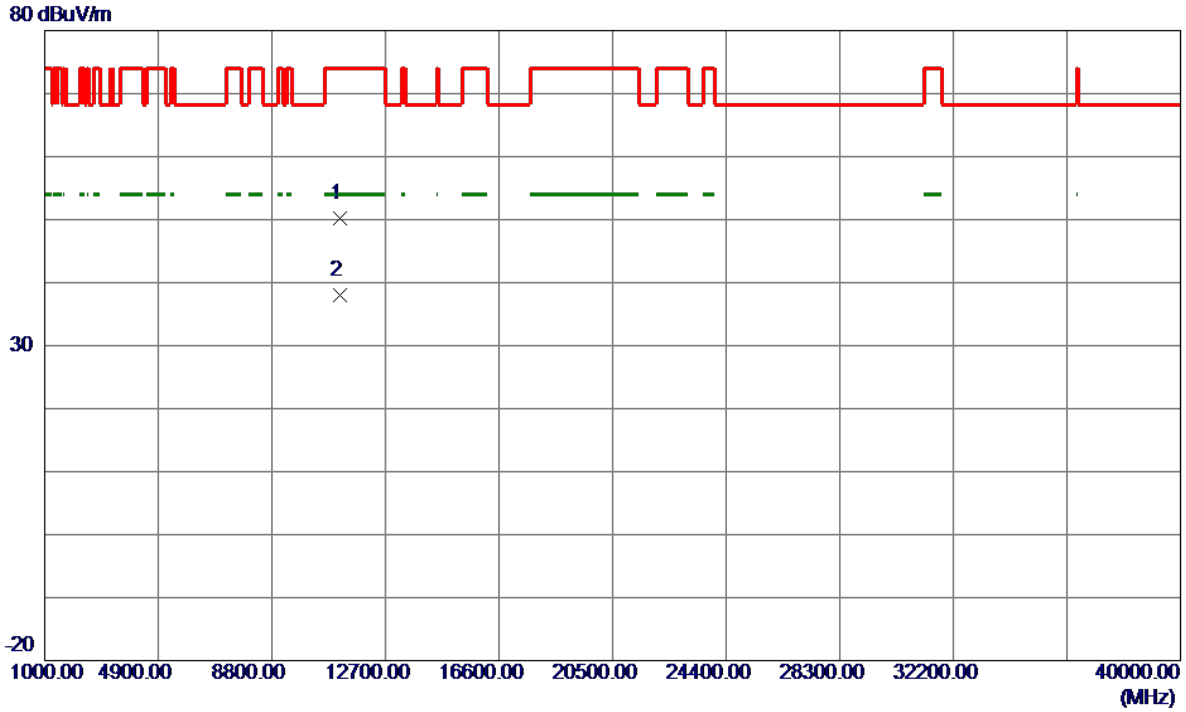
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5581.9000	85.54	17.93	103.47	68.30	35.17	Peak	No Limit
2	5582.0000	76.32	17.93	94.25	999.00	-904.75	AVG	No Limit

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

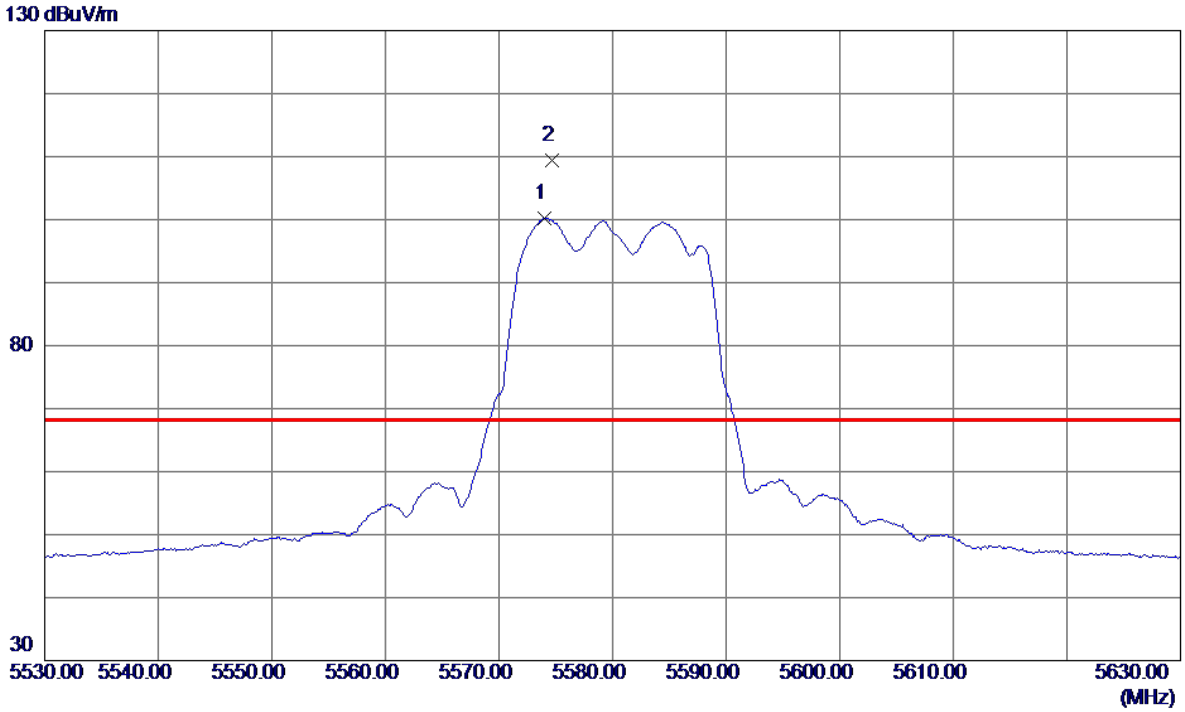
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11159.9500	34.68	15.60	50.28	74.00	-23.72	Peak	
2 *	11160.2000	22.38	15.60	37.98	54.00	-16.02	AVG	

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

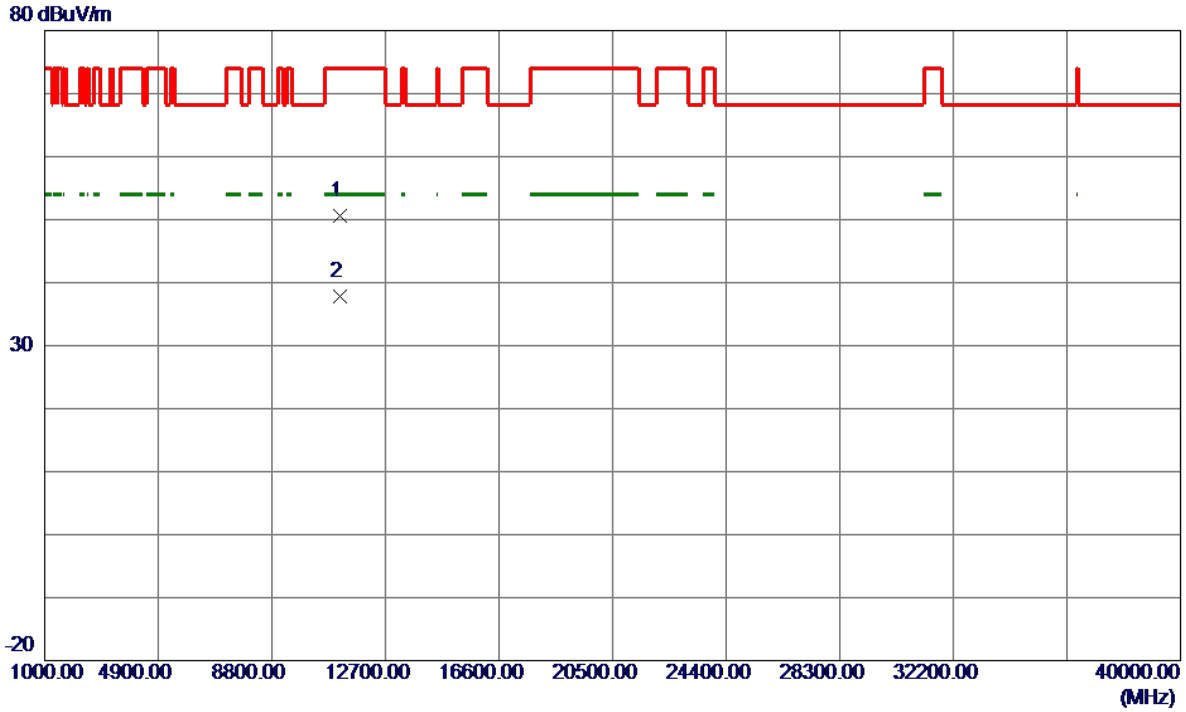
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5574.0000	82.25	17.90	100.15	999.00	-898.85	AVG	No Limit
2 *	5574.7000	91.58	17.90	109.48	68.30	41.18	Peak	No Limit

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

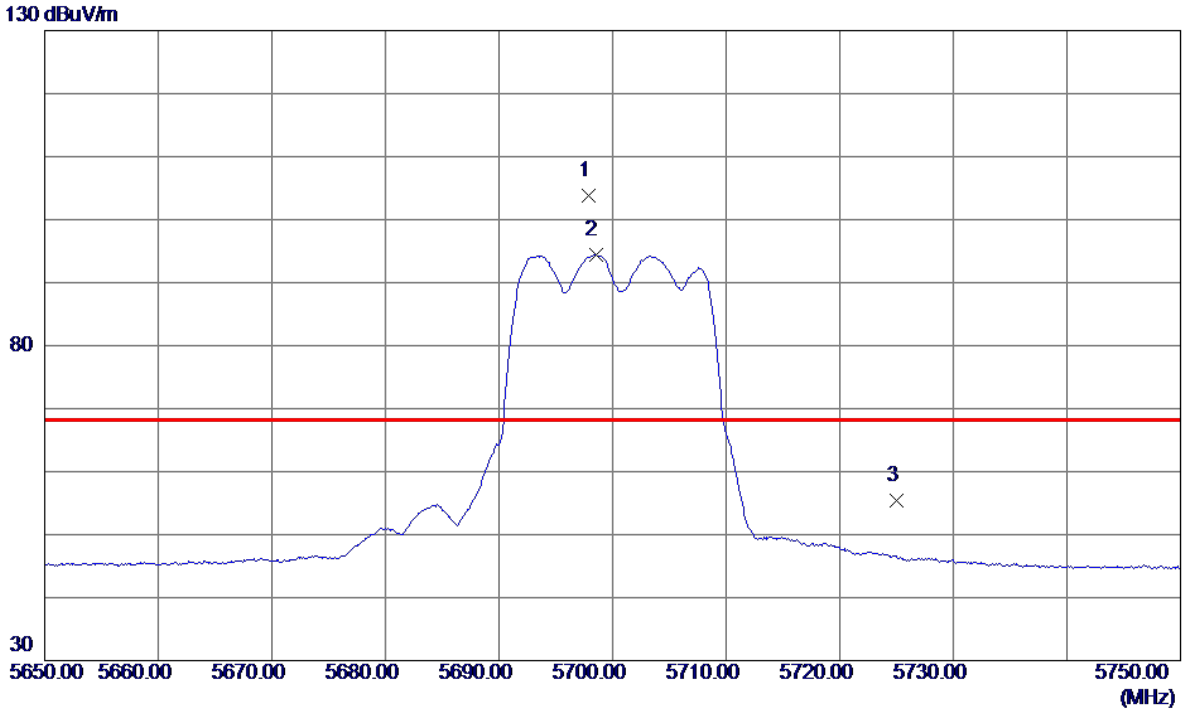
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11156.3500	34.94	15.59	50.53	74.00	-23.47	Peak	
2 *	11161.1000	22.20	15.60	37.80	54.00	-16.20	AVG	

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

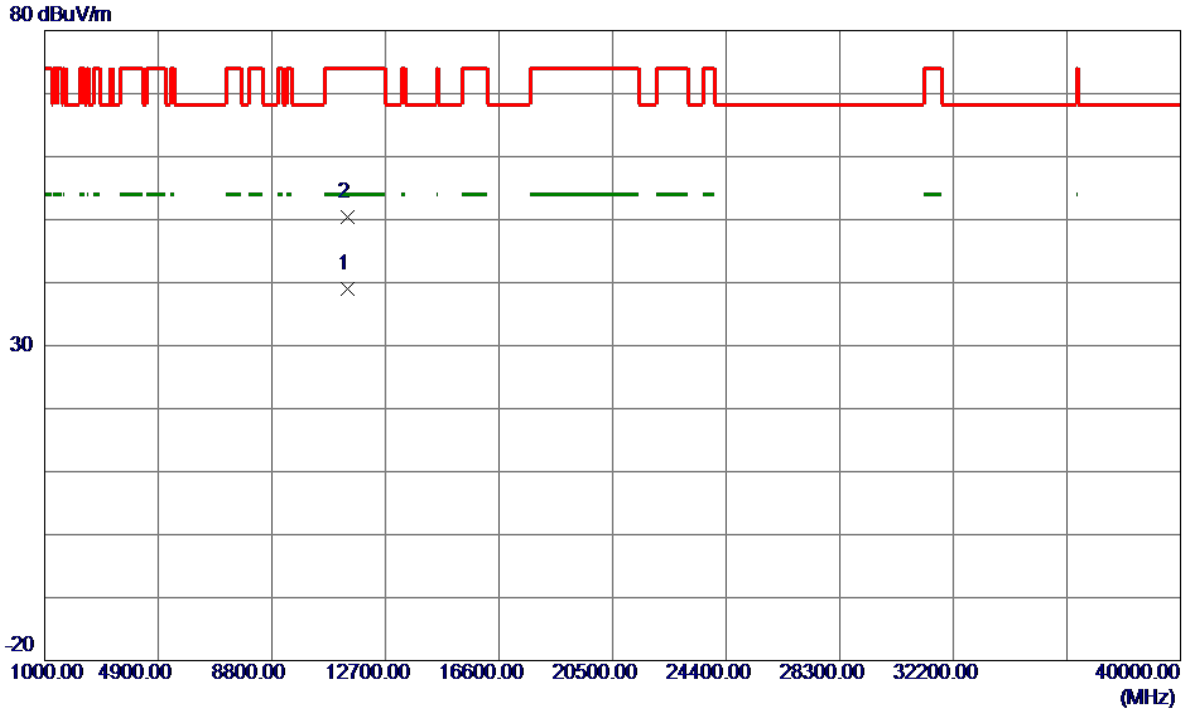
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5697.9000	85.49	18.34	103.83	68.30	35.53	Peak	No Limit
2	5698.5000	76.11	18.34	94.45	999.00	-904.55	AVG	No Limit
3	5725.0000	36.98	18.44	55.42	68.30	-12.88	Peak	

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

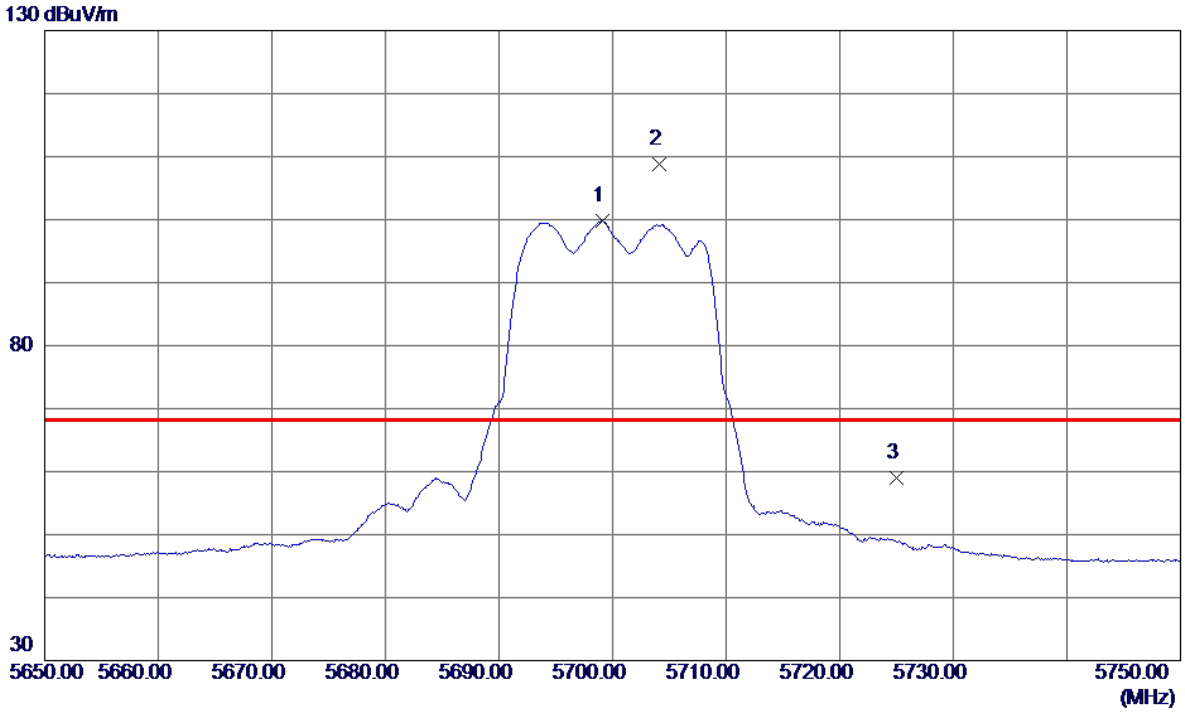
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11402.9000	23.08	15.85	38.93	54.00	-15.07	AVG	
2	11408.7500	34.63	15.86	50.49	74.00	-23.51	Peak	

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

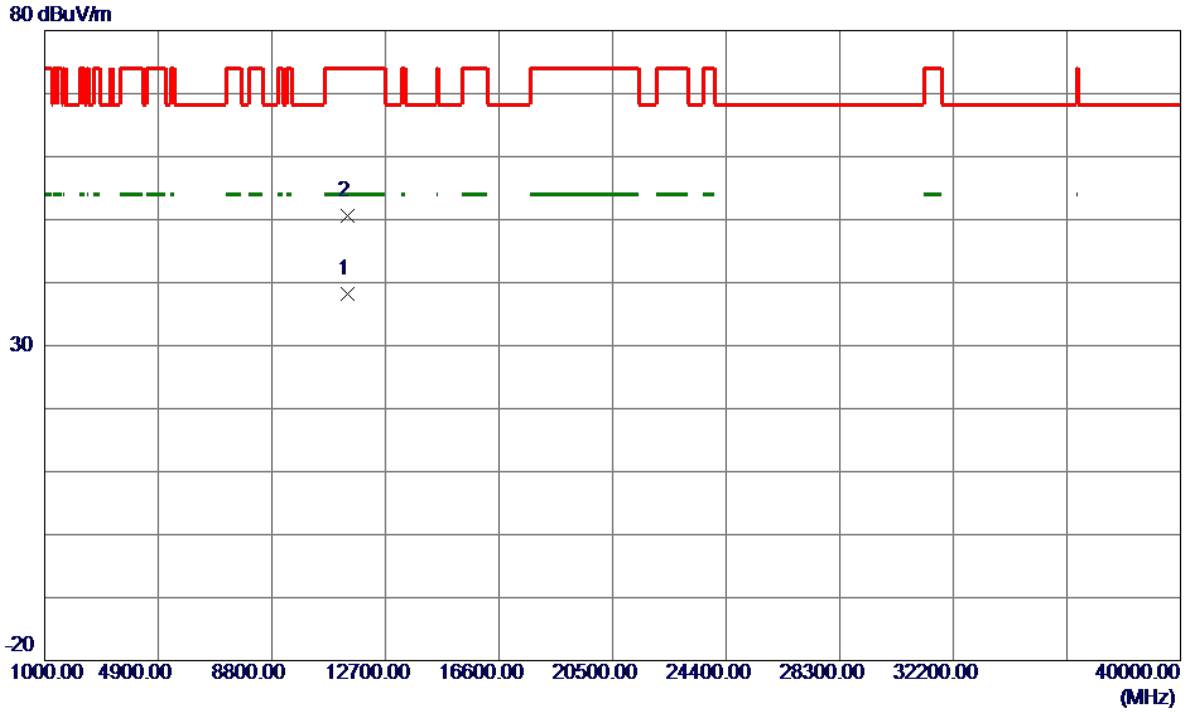
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5699.1000	81.40	18.34	99.74	999.00	-899.26	AVG	No Limit
2 *	5704.1000	90.44	18.36	108.80	68.30	40.50	Peak	No Limit
3	5725.0000	40.61	18.44	59.05	68.30	-9.25	Peak	

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

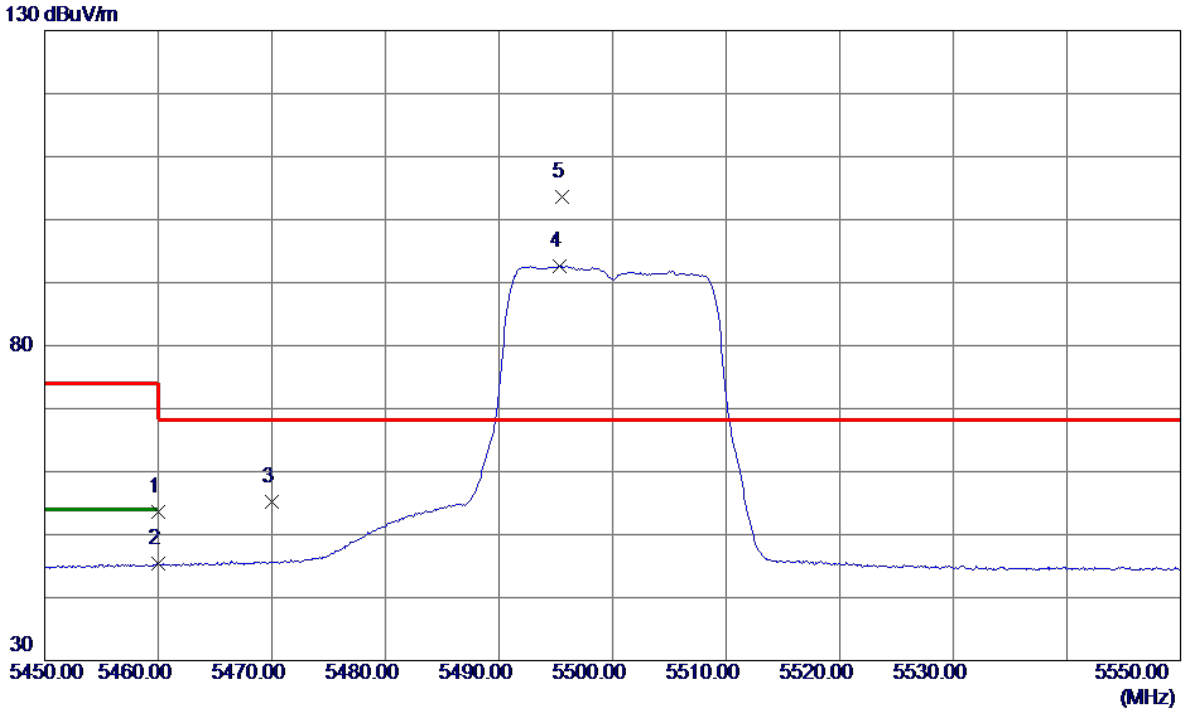
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11402.0500	22.34	15.85	38.19	54.00	-15.81	AVG	
2	11414.7000	34.67	15.87	50.54	74.00	-23.46	Peak	

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

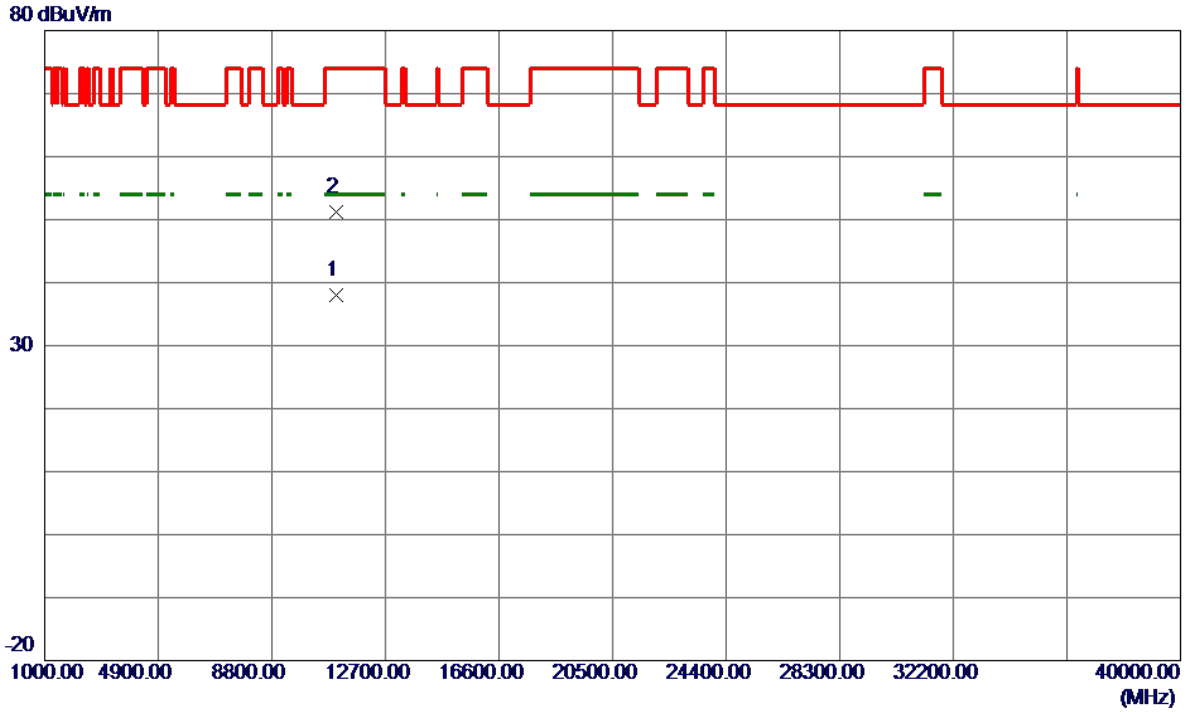
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.06	17.53	53.59	74.00	-20.41	Peak	
2	5460.0000	27.84	17.53	45.37	54.00	-8.63	AVG	
3	5470.0000	37.72	17.55	55.27	68.30	-13.03	Peak	
4	5495.3000	74.96	17.63	92.59	999.00	-906.41	AVG	No Limit
5 *	5495.6000	86.02	17.63	103.65	68.30	35.35	Peak	No Limit

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

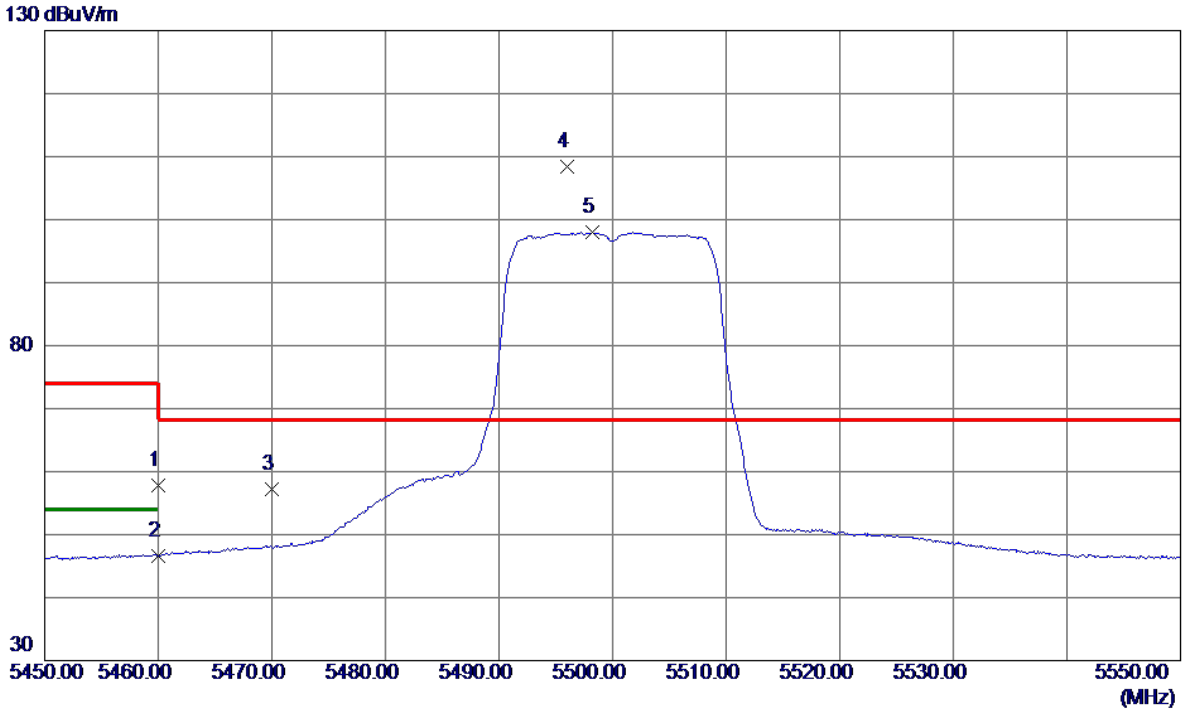
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10996.4000	22.51	15.43	37.94	54.00	-16.06	AVG	
2	11001.1500	35.78	15.43	51.21	74.00	-22.79	Peak	

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

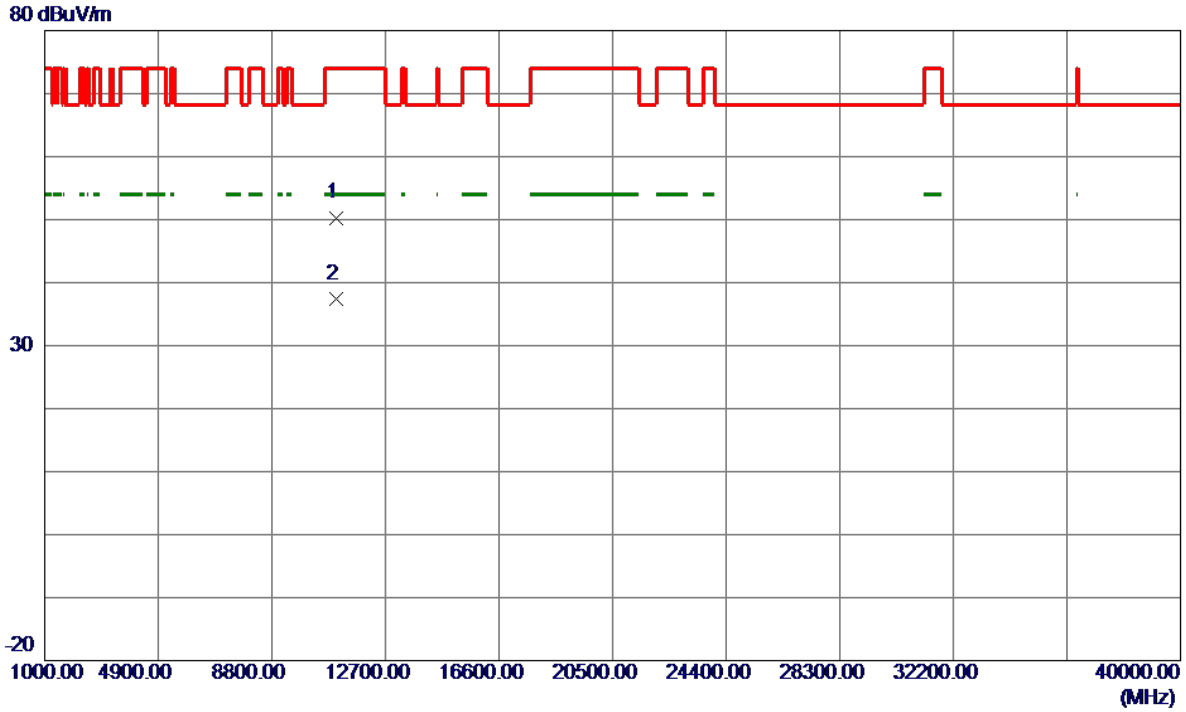
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	40.35	17.53	57.88	74.00	-16.12	Peak	
2	5460.0000	29.05	17.53	46.58	54.00	-7.42	AVG	
3	5470.0000	39.73	17.55	57.28	68.30	-11.02	Peak	
4 *	5496.0000	90.80	17.63	108.43	68.30	40.13	Peak	No Limit
5	5498.2000	80.30	17.63	97.93	999.00	-901.07	AVG	No Limit

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

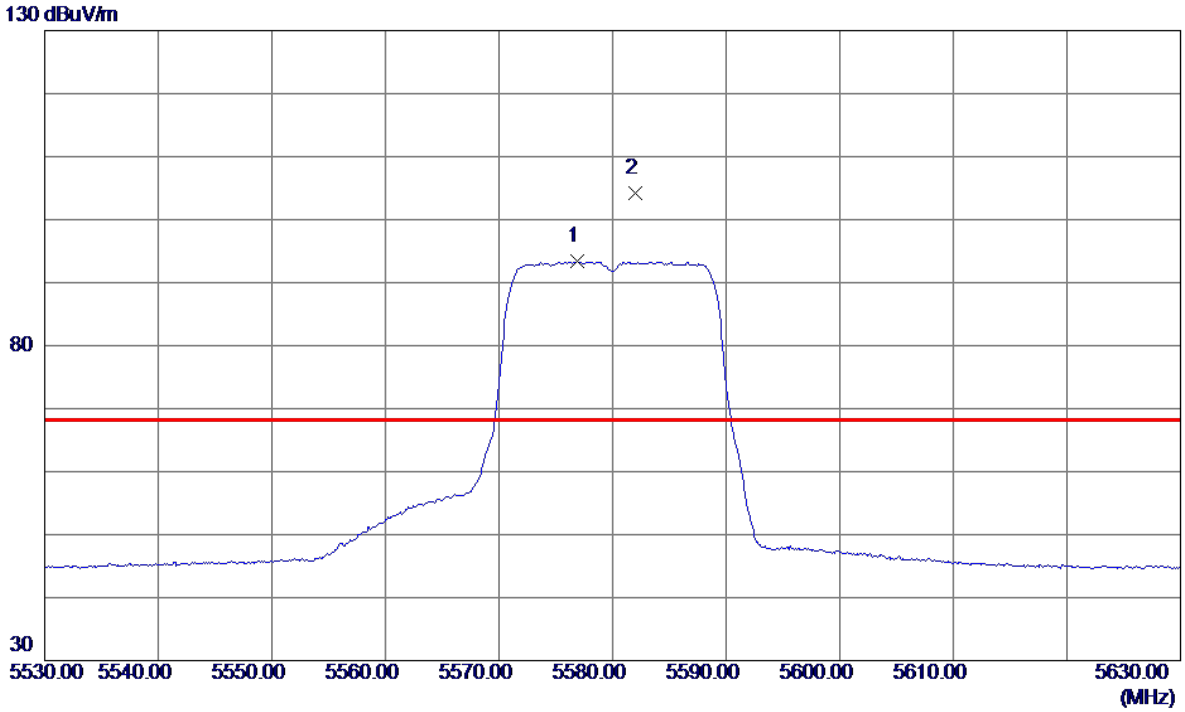
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10999.9500	34.87	15.43	50.30	74.00	-23.70	Peak	
2 *	11014.1500	21.88	15.44	37.32	54.00	-16.68	AVG	

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

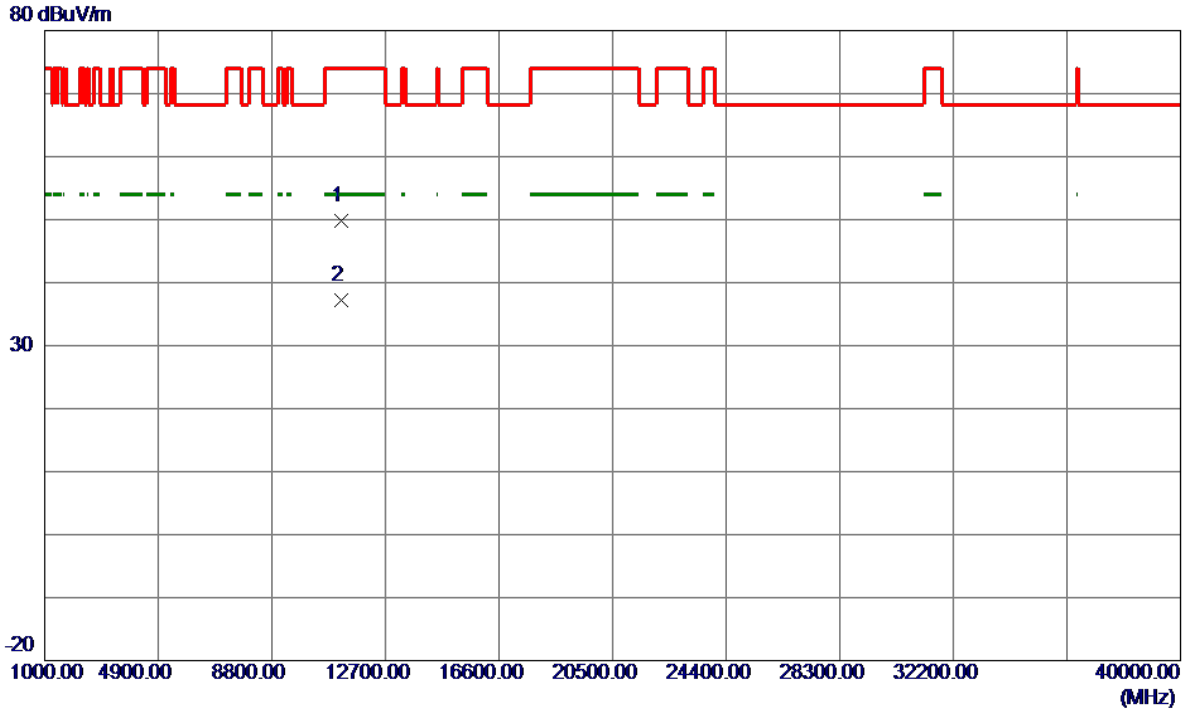
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5576.9000	75.40	17.91	93.31	999.00	-905.69	AVG	No Limit
2 *	5582.0000	86.28	17.93	104.21	68.30	35.91	Peak	No Limit

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

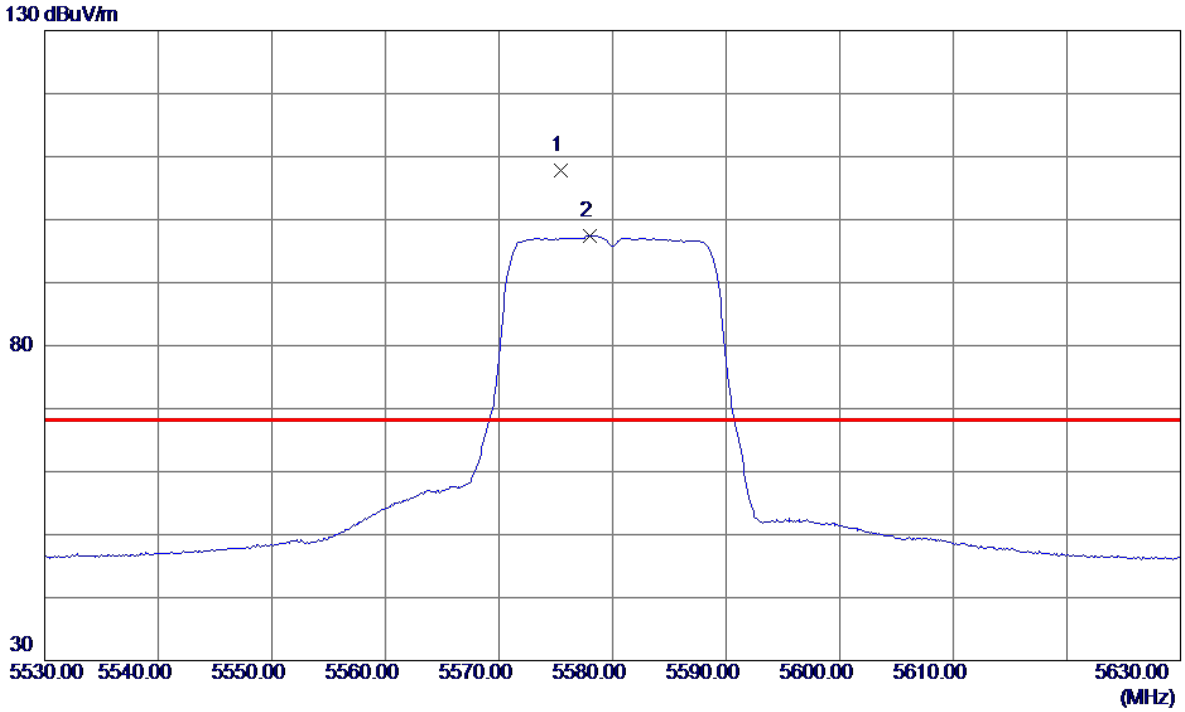
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11163.6500	34.12	15.60	49.72	74.00	-24.28	Peak	
2 *	11166.6000	21.54	15.60	37.14	54.00	-16.86	AVG	

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

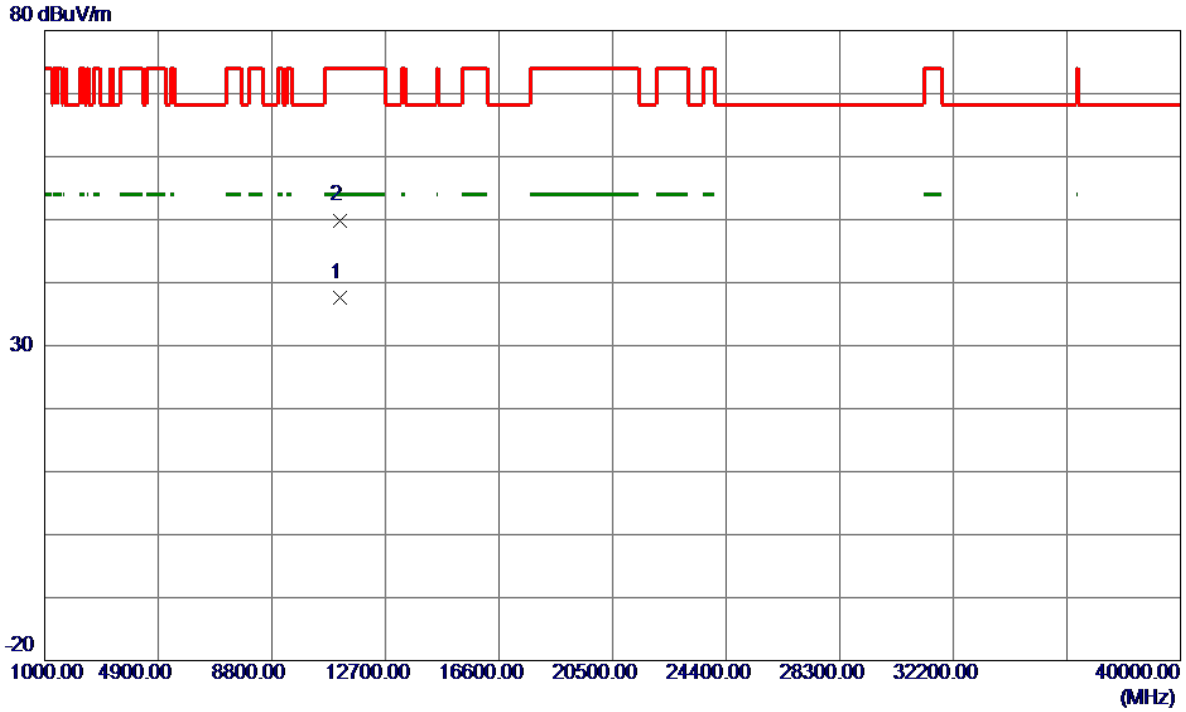
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5575.4000	89.81	17.91	107.72	68.30	39.42	Peak	No Limit
2	5578.0000	79.50	17.92	97.42	999.00	-901.58	AVG	No Limit

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

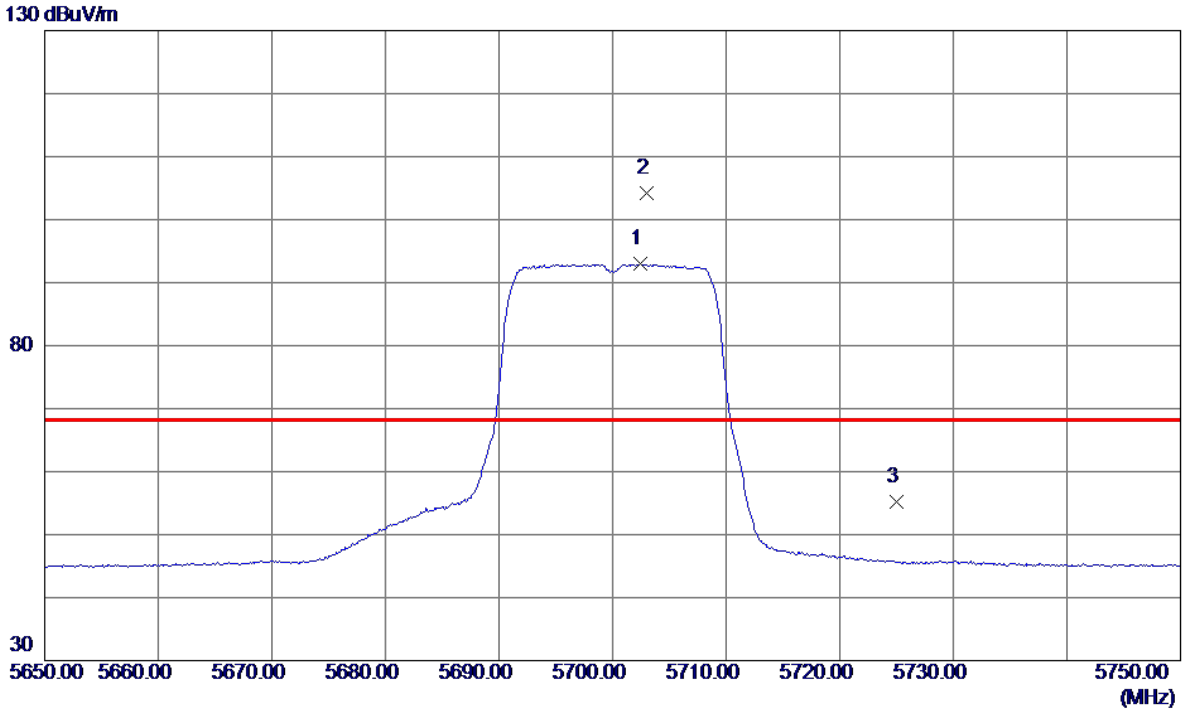
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11152.5500	21.95	15.59	37.54	54.00	-16.46	AVG	
2	11152.8000	34.31	15.59	49.90	74.00	-24.10	Peak	

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

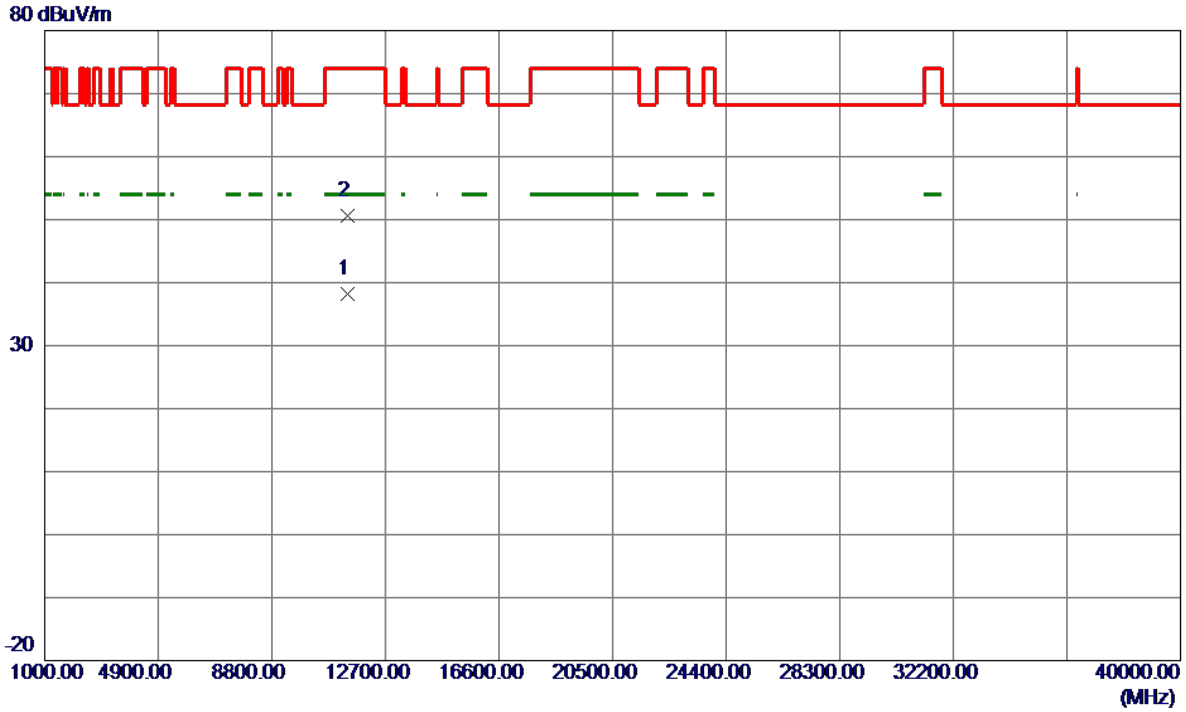
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5702.4000	74.59	18.36	92.95	999.00	-906.05	AVG	No Limit
2 *	5703.0000	85.88	18.36	104.24	68.30	35.94	Peak	No Limit
3	5725.0000	36.70	18.44	55.14	68.30	-13.16	Peak	

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

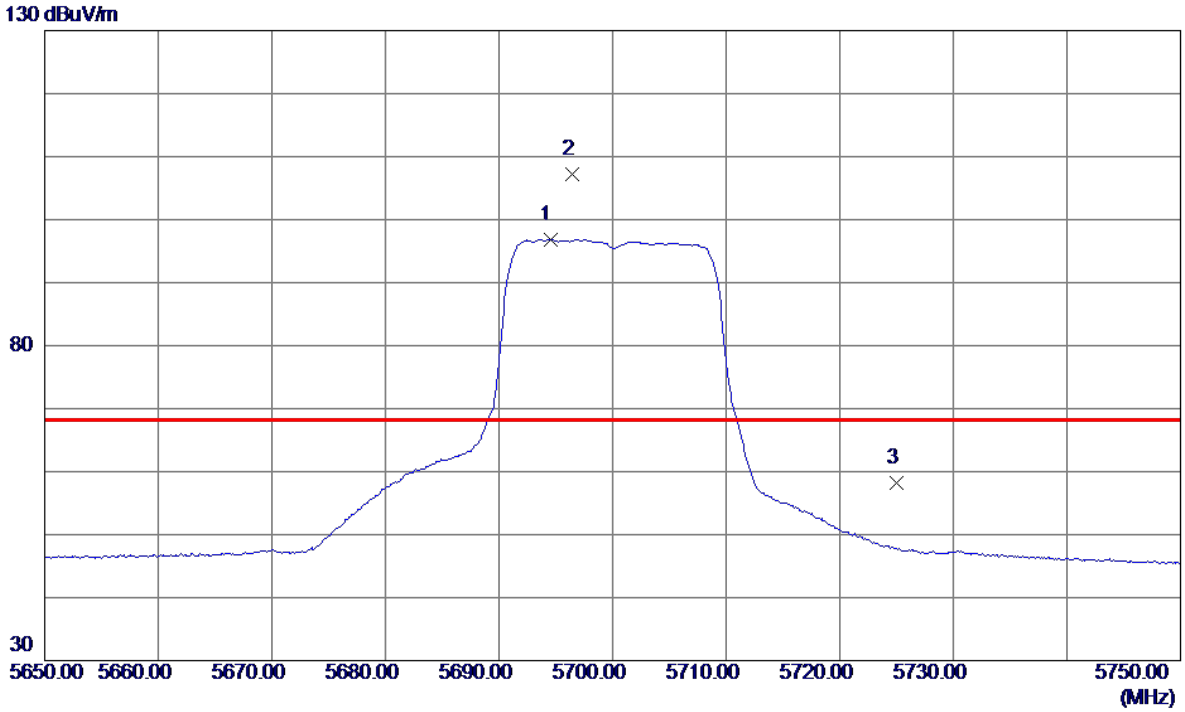
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11399.7000	22.44	15.85	38.29	54.00	-15.71	AVG	
2	11409.9000	34.80	15.86	50.66	74.00	-23.34	Peak	

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

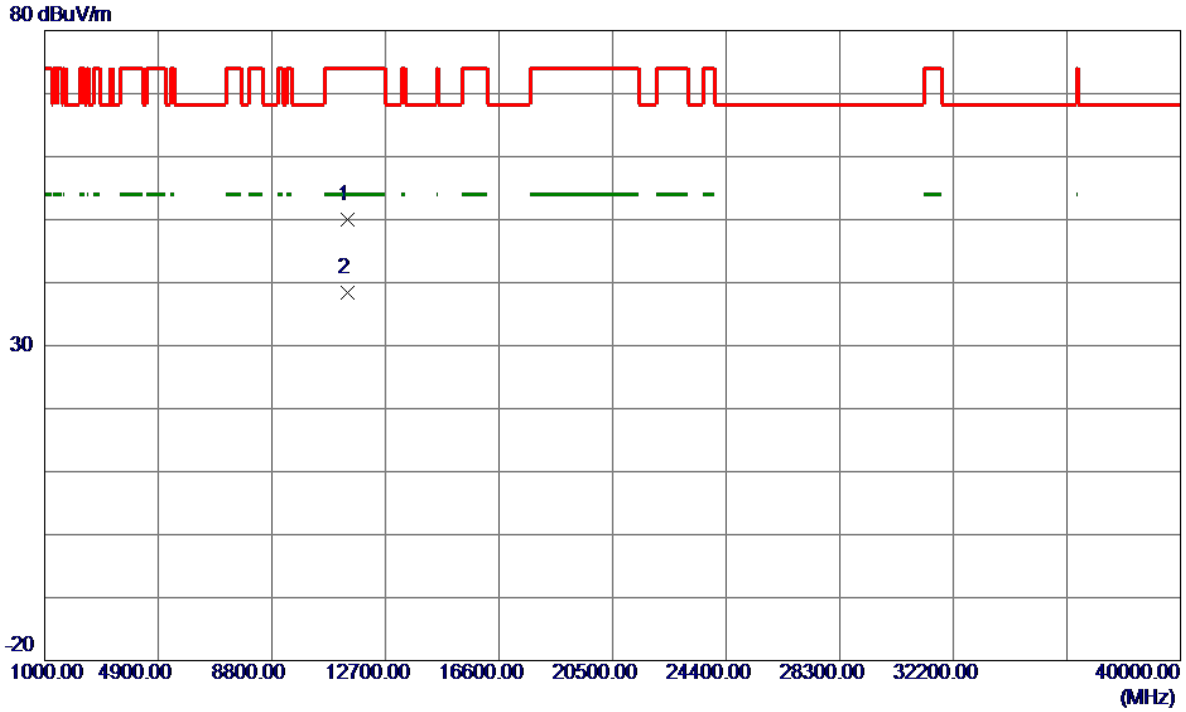
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5694.5000	78.51	18.33	96.84	999.00	-902.16	AVG	No Limit
2 *	5696.4000	88.94	18.34	107.28	68.30	38.98	Peak	No Limit
3	5725.0000	39.82	18.44	58.26	68.30	-10.04	Peak	

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

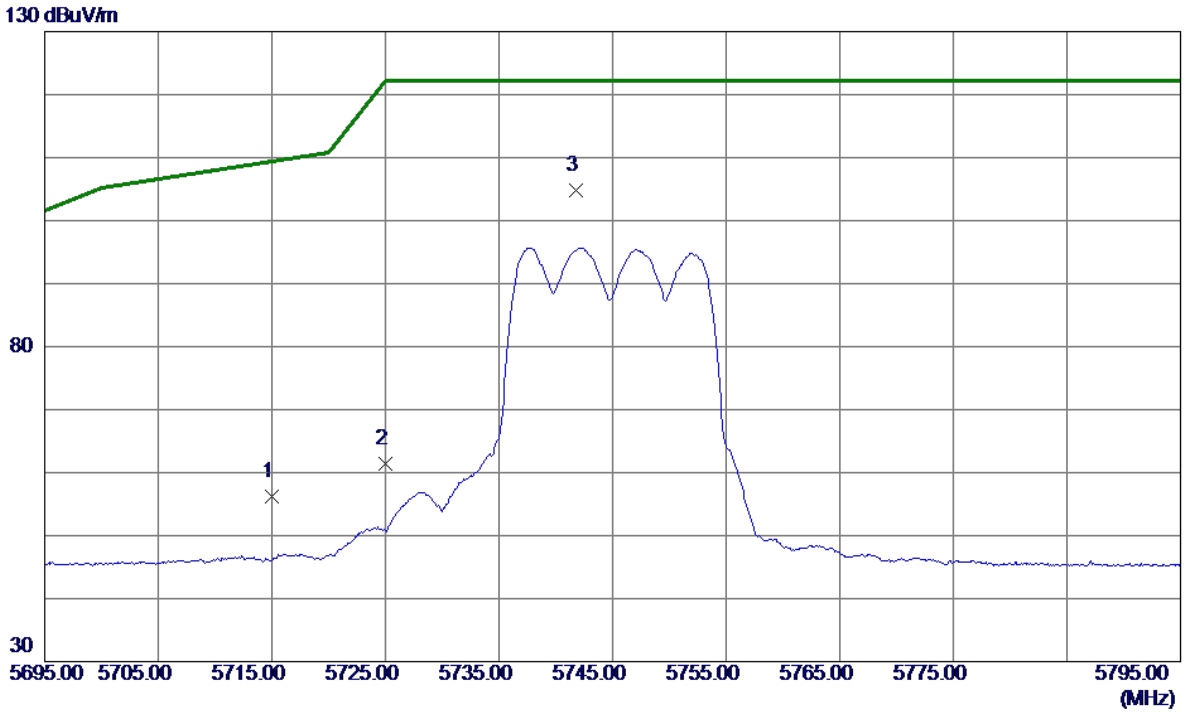
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11385.1500	34.19	15.83	50.02	74.00	-23.98	Peak	
2 *	11397.4000	22.54	15.85	38.39	54.00	-15.61	AVG	

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

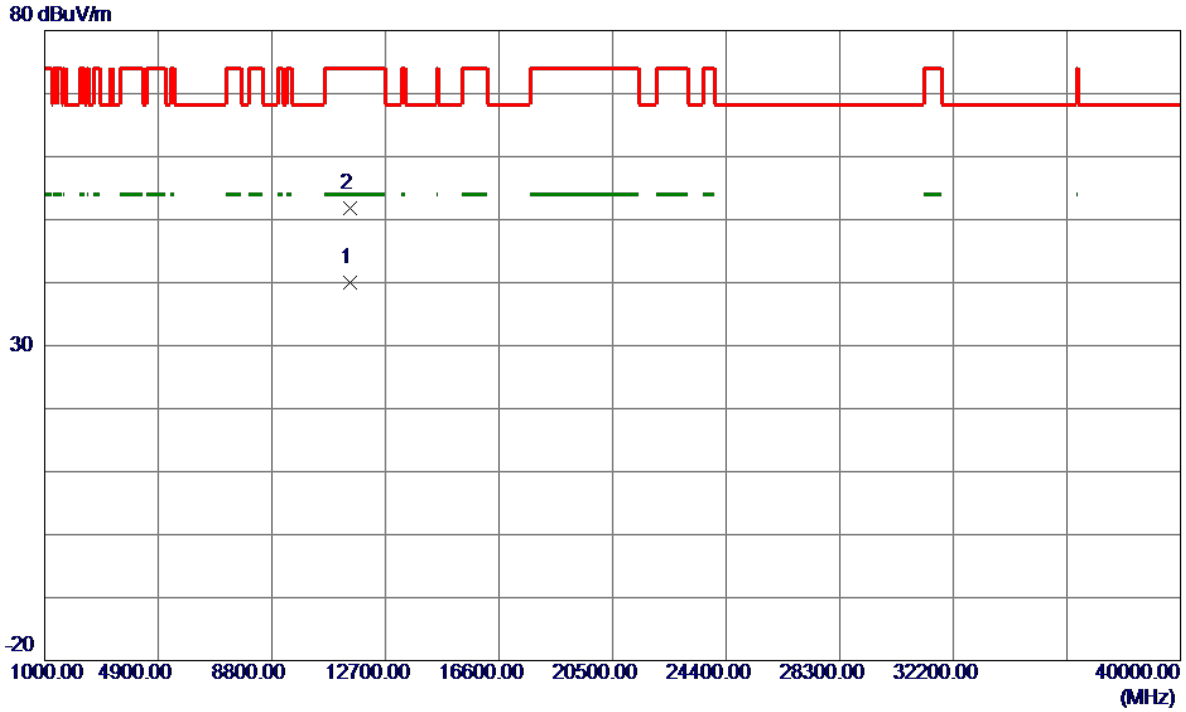
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	37.71	18.40	56.11	109.40	-53.29	Peak	
2	5725.0000	42.90	18.44	61.34	122.20	-60.86	Peak	
3 *	5741.8000	86.29	18.50	104.79	122.20	-17.41	Peak	

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

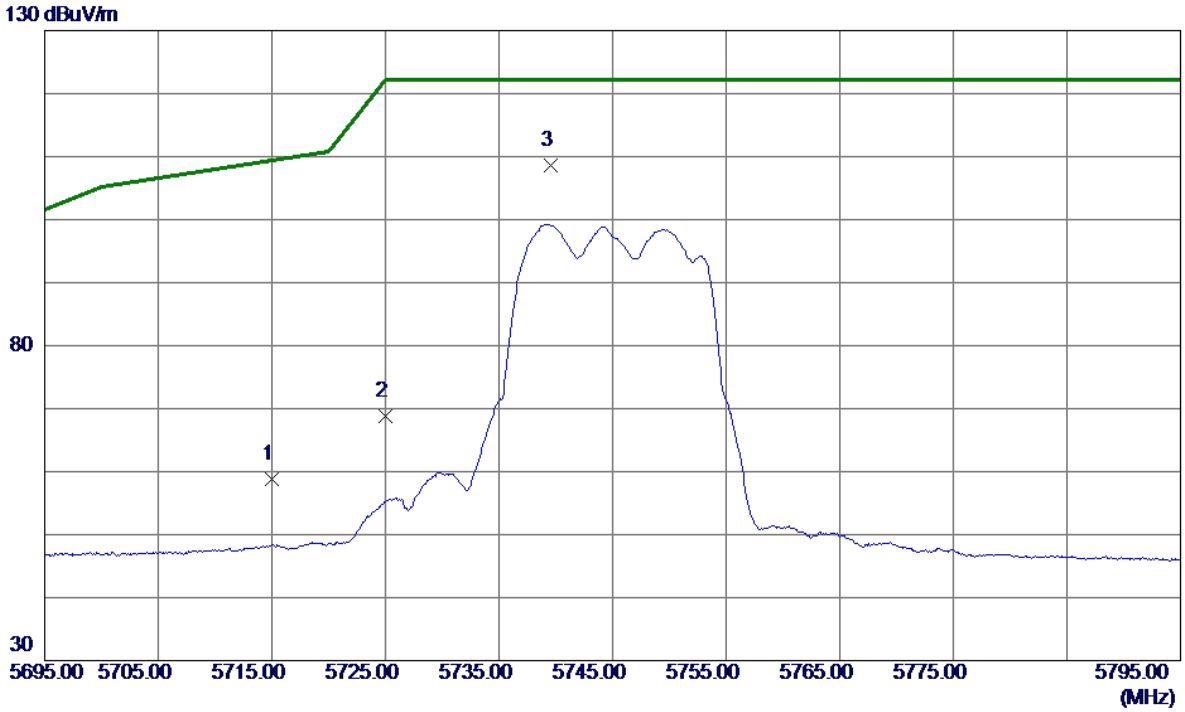
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11491.7500	24.01	15.95	39.96	54.00	-14.04	AVG	
2	11492.2000	35.76	15.95	51.71	74.00	-22.29	Peak	

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

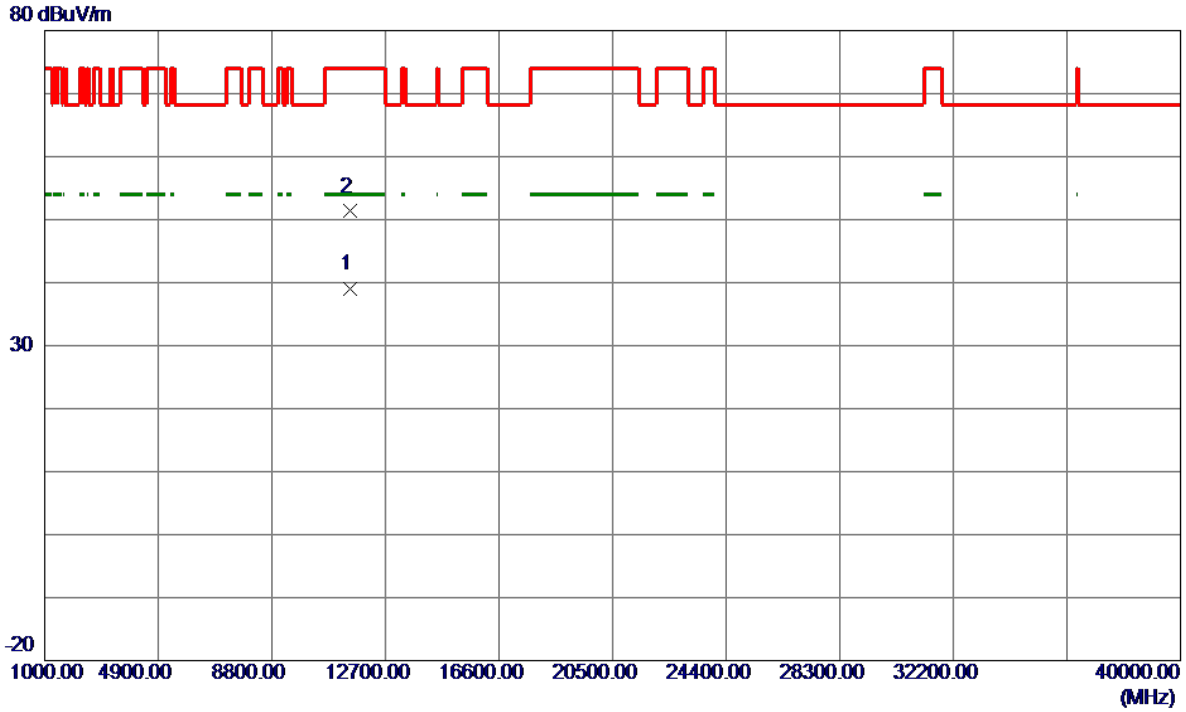
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	40.44	18.40	58.84	109.40	-50.56	Peak	
2	5725.0000	50.30	18.44	68.74	122.20	-53.46	Peak	
3 *	5739.6000	90.15	18.49	108.64	122.20	-13.56	Peak	

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

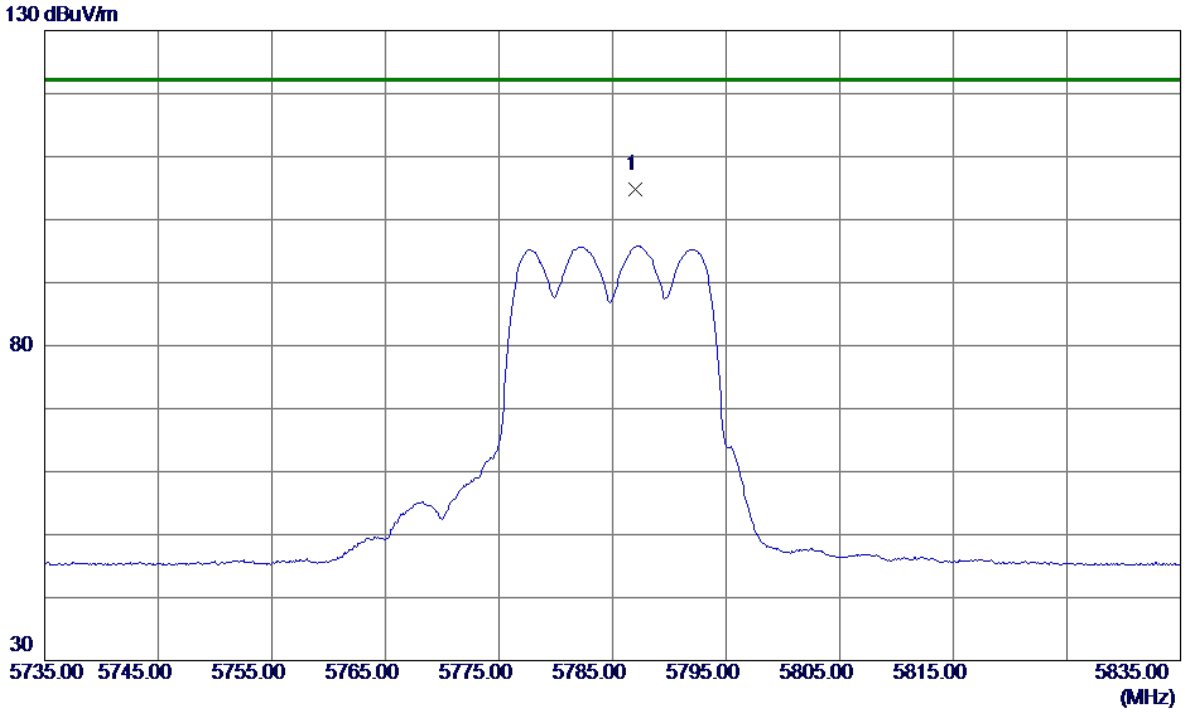
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11488.5000	22.98	15.94	38.92	54.00	-15.08	AVG	
2	11489.8000	35.36	15.94	51.30	74.00	-22.70	Peak	

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

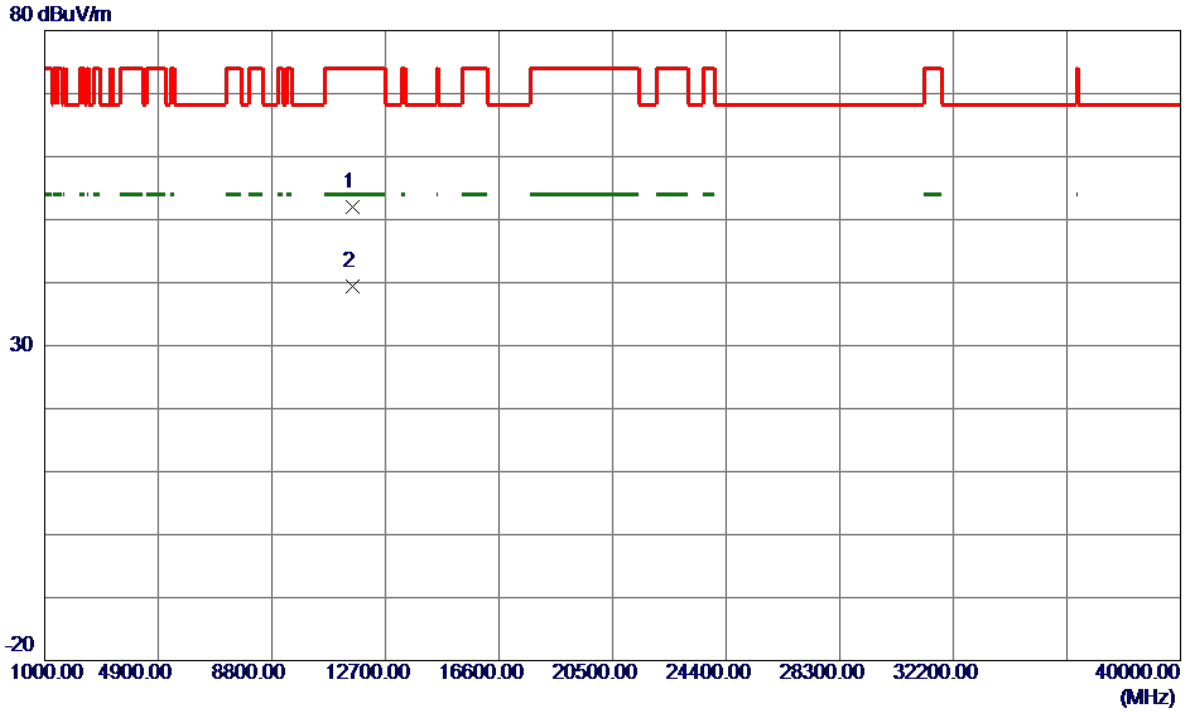
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.0000	86.18	18.66	104.84	122.20	-17.36	Peak	

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

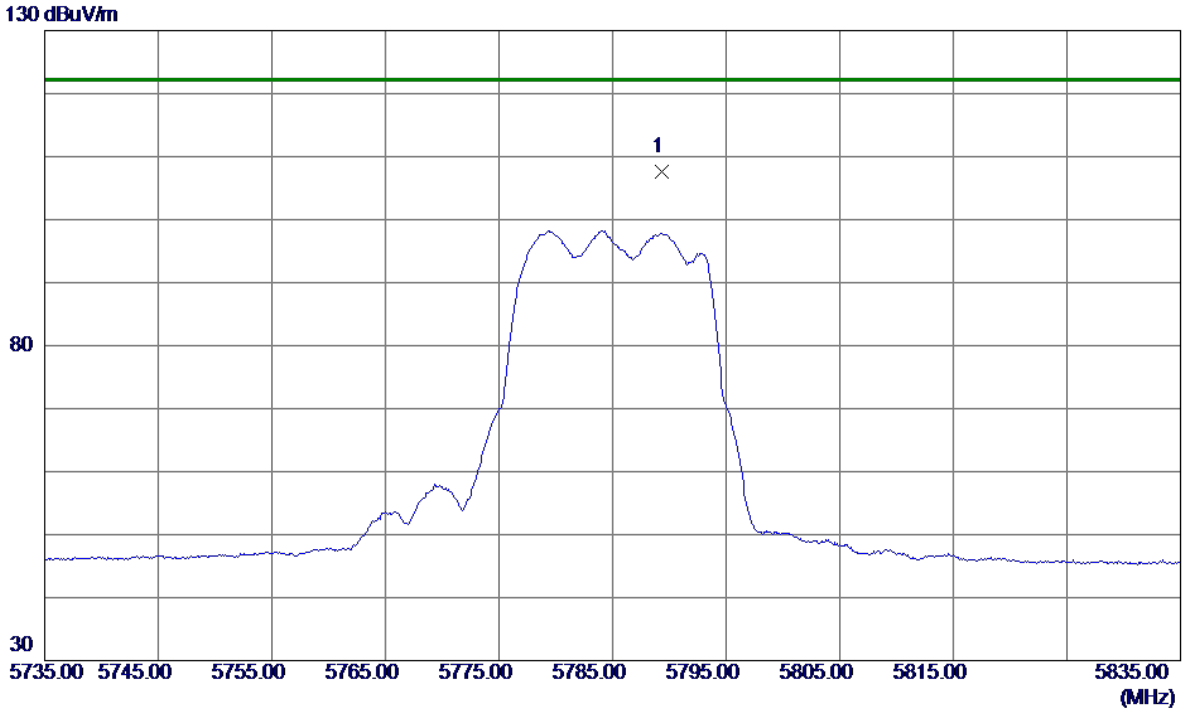
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11563.5500	35.94	15.99	51.93	74.00	-22.07	Peak	
2 *	11571.6500	23.45	15.99	39.44	54.00	-14.56	AVG	

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

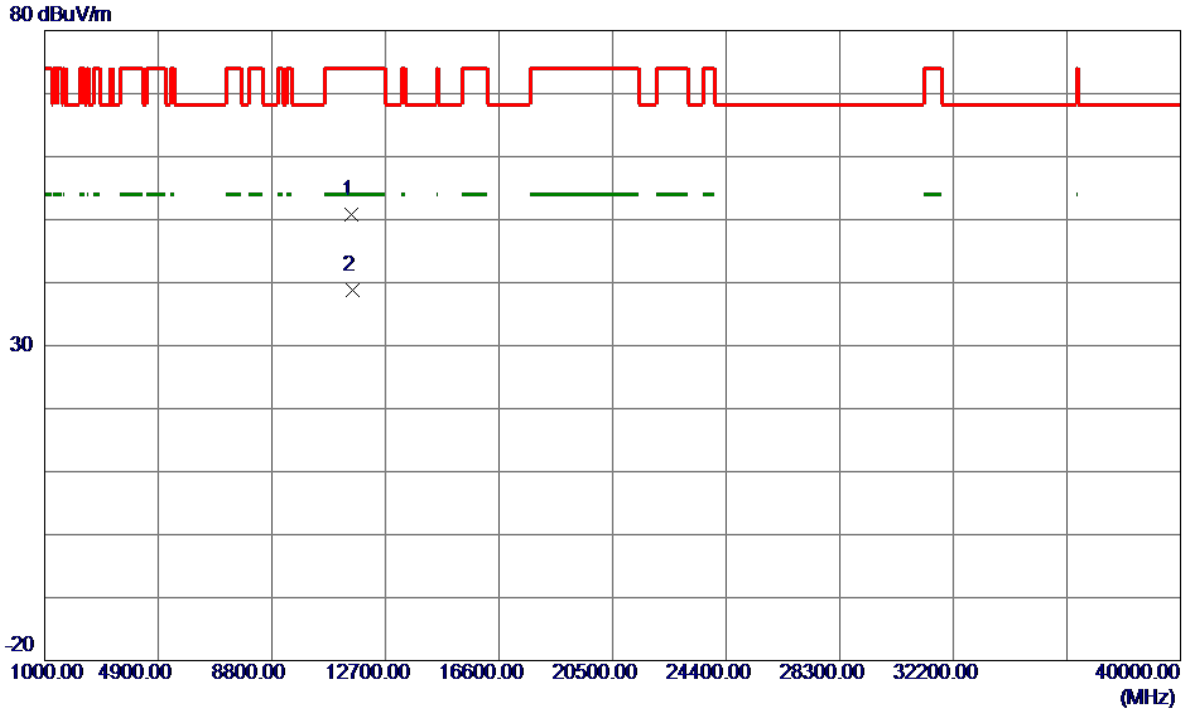
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5789.3000	88.97	18.66	107.63	122.20	-14.57	Peak	

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

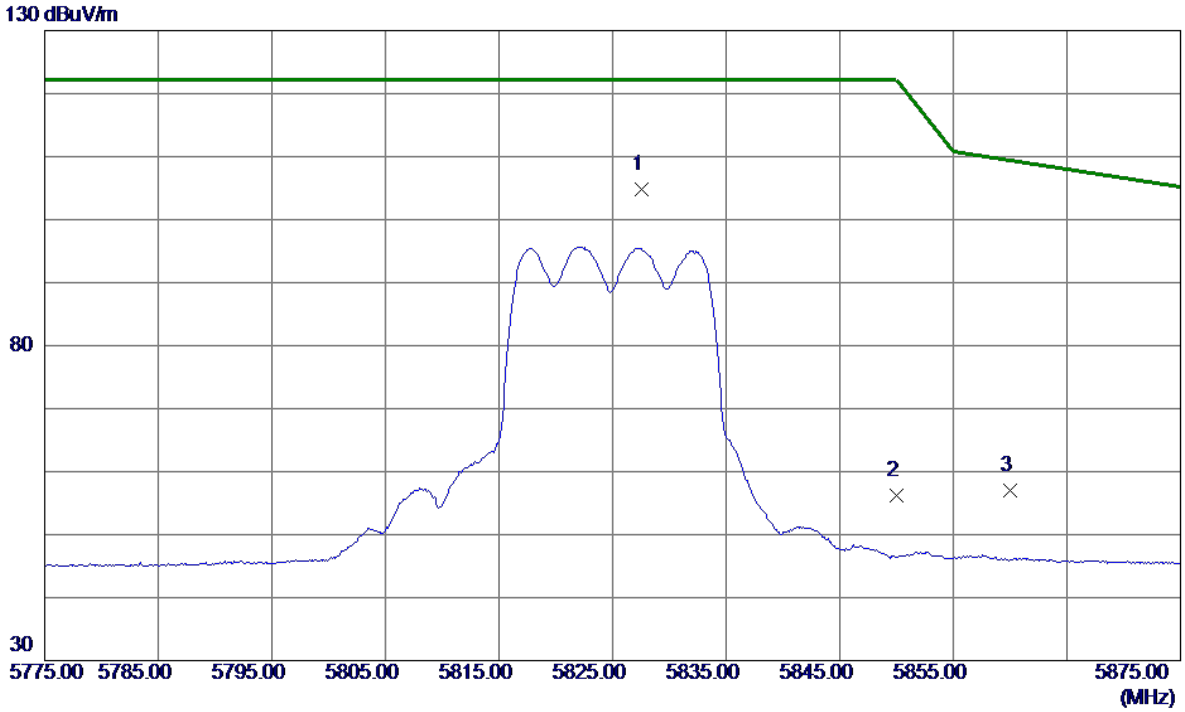
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11545.4000	34.91	15.98	50.89	74.00	-23.11	Peak	
2 *	11570.1500	22.85	15.99	38.84	54.00	-15.16	AVG	

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

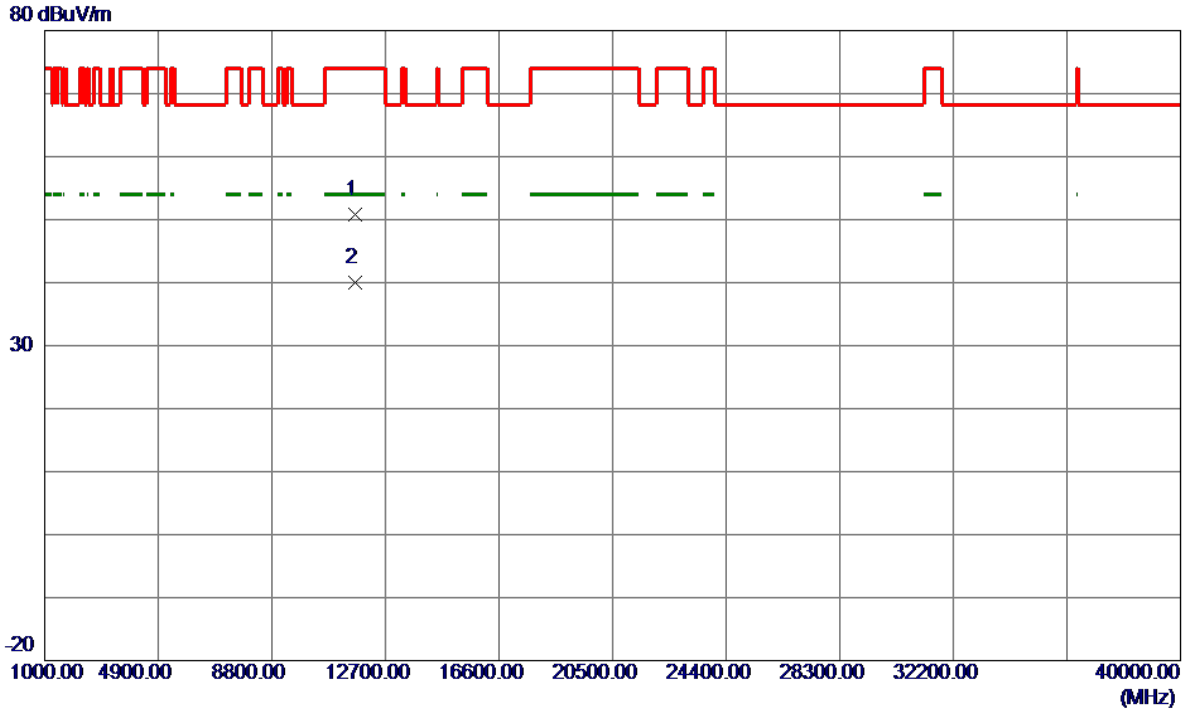
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5827.6000	85.93	18.80	104.73	122.20	-17.47	Peak	
2	5850.0000	37.28	18.88	56.16	122.20	-66.04	Peak	
3	5860.0000	38.10	18.91	57.01	109.40	-52.39	Peak	

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

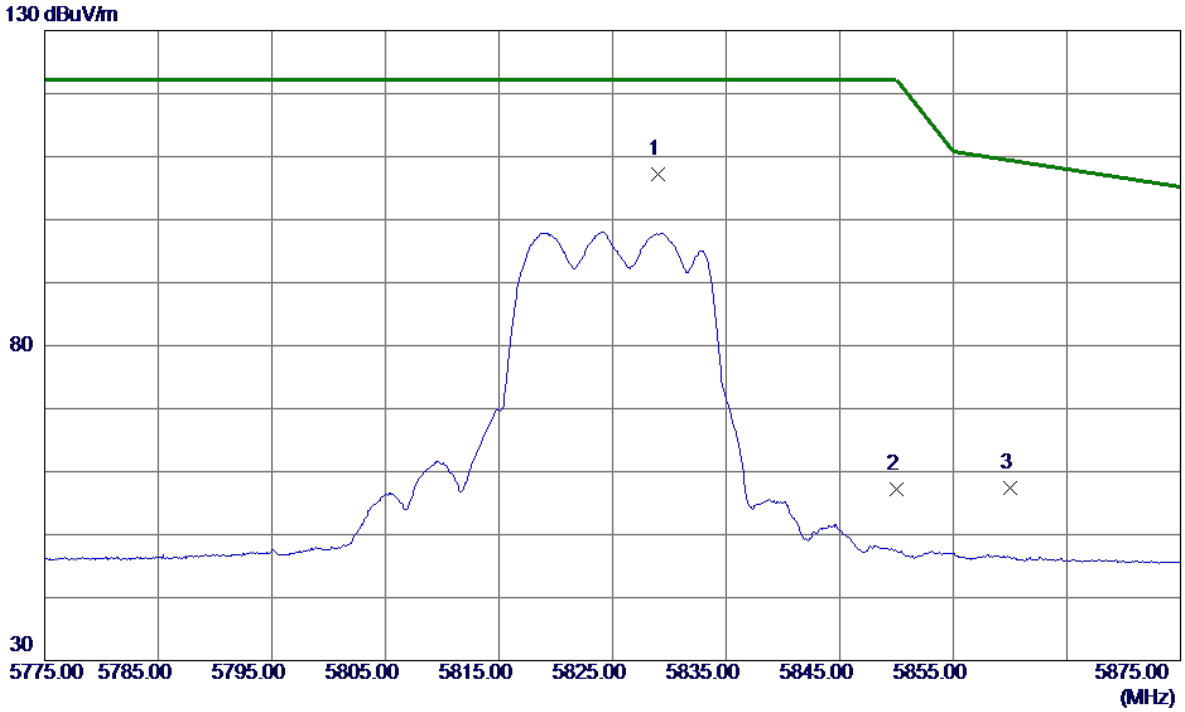
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11646.7000	34.76	16.03	50.79	74.00	-23.21	Peak	
2 *	11651.9500	24.05	16.04	40.09	54.00	-13.91	AVG	

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

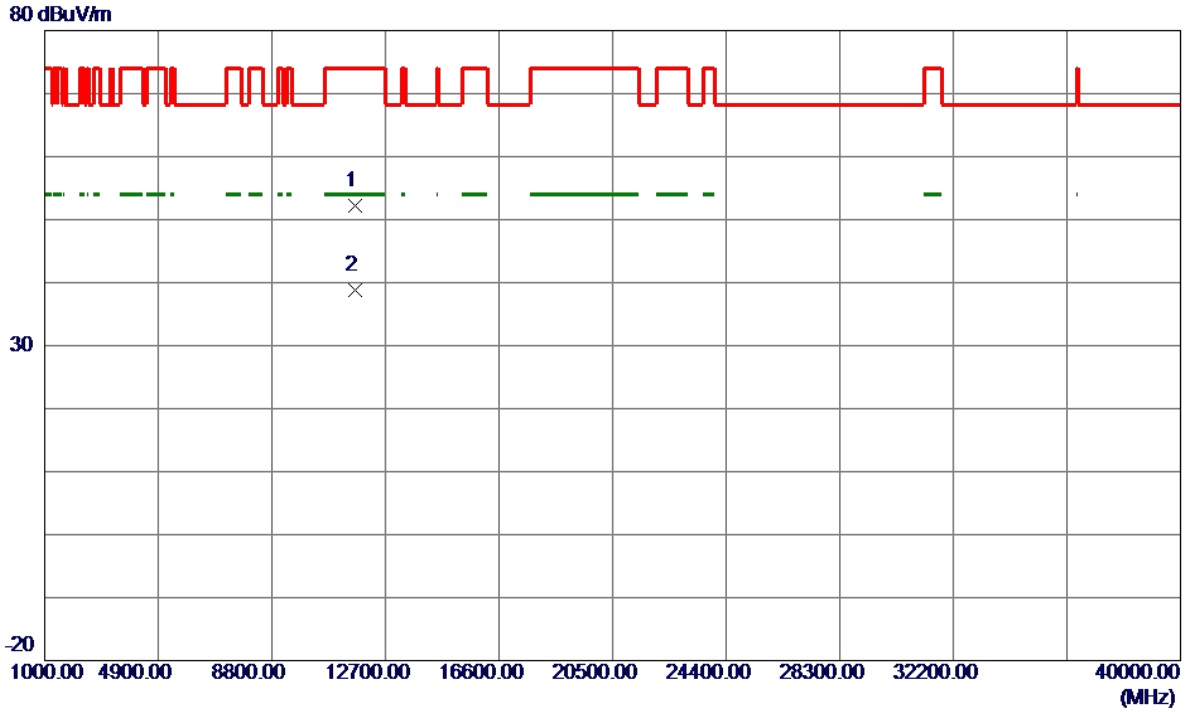
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5829.0000	88.41	18.80	107.21	122.20	-14.99	Peak	
2	5850.0000	38.28	18.88	57.16	122.20	-65.04	Peak	
3	5860.0000	38.44	18.91	57.35	109.40	-52.05	Peak	

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

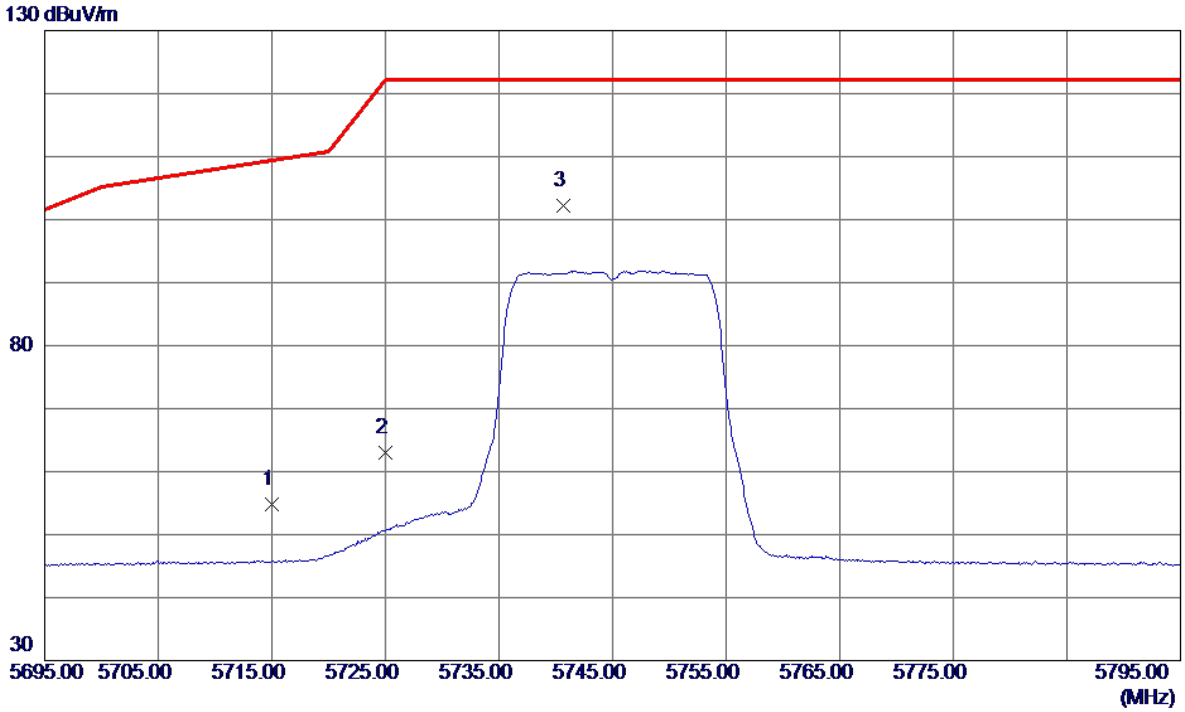
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11647.0500	36.25	16.03	52.28	74.00	-21.72	Peak	
2 *	11651.6500	22.84	16.04	38.88	54.00	-15.12	AVG	

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

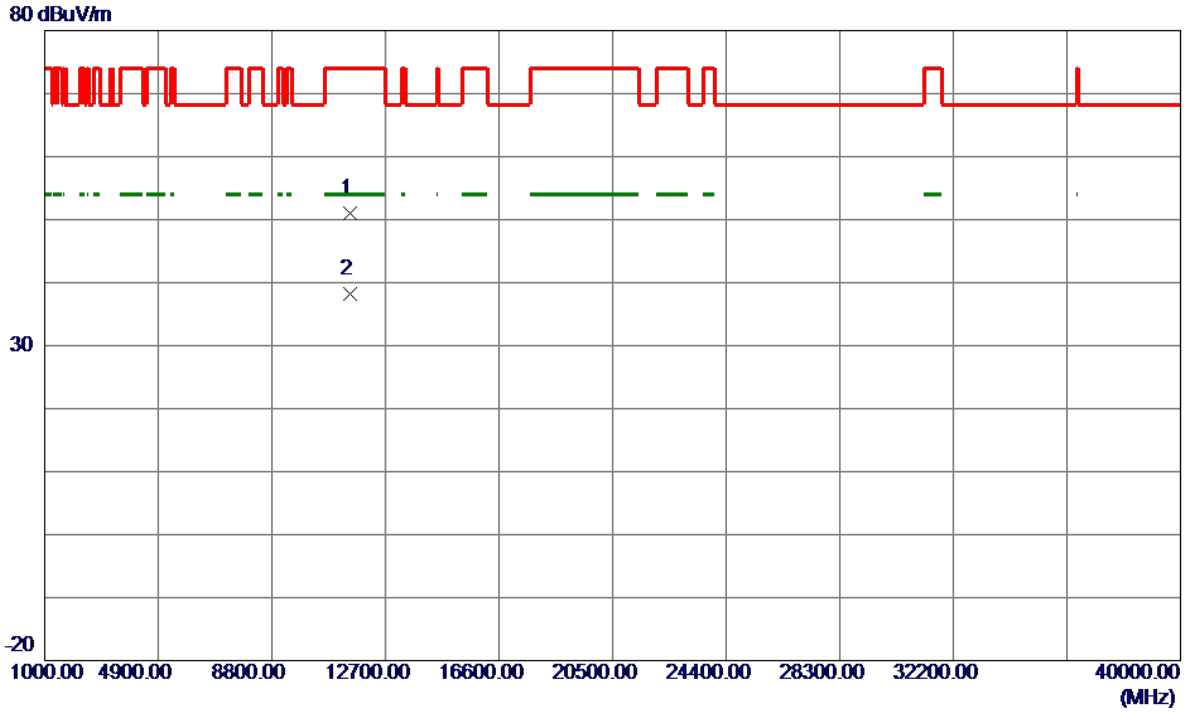
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	36.41	18.40	54.81	109.40	-54.59	Peak	
2	5725.0000	44.49	18.44	62.93	122.20	-59.27	Peak	
3 *	5740.7000	83.74	18.49	102.23	122.20	-19.97	Peak	

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

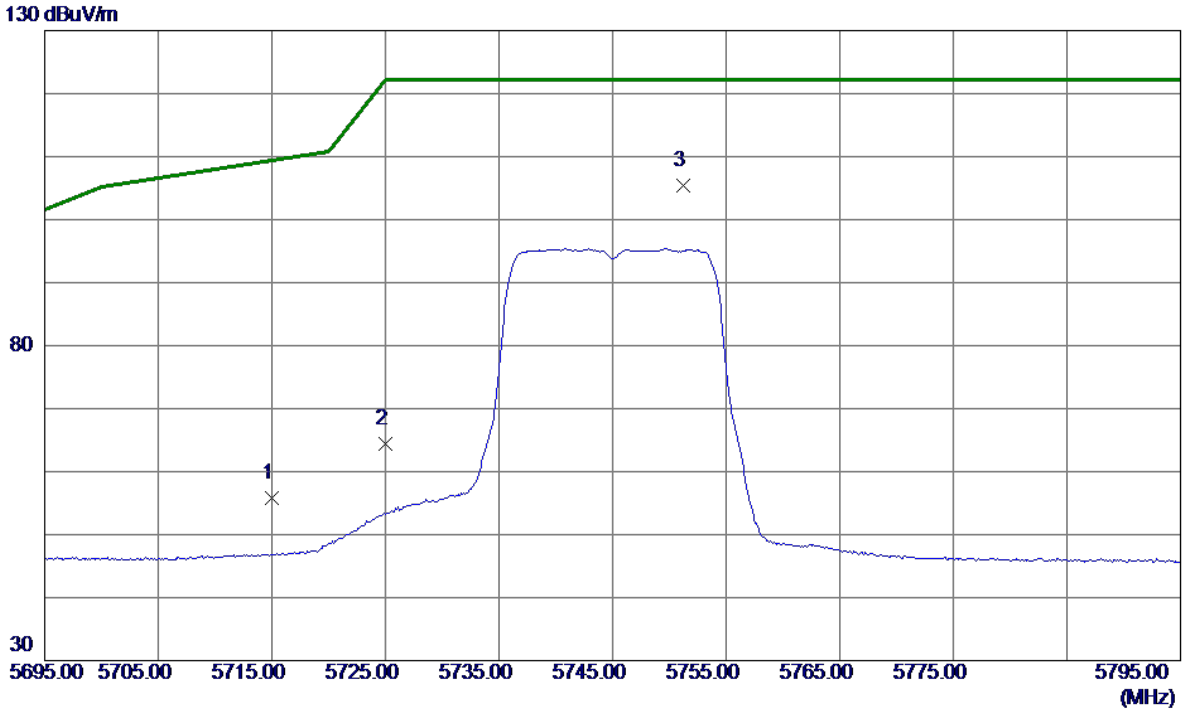
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11492.7500	35.10	15.95	51.05	74.00	-22.95	Peak	
2 *	11495.5000	22.16	15.95	38.11	54.00	-15.89	AVG	

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

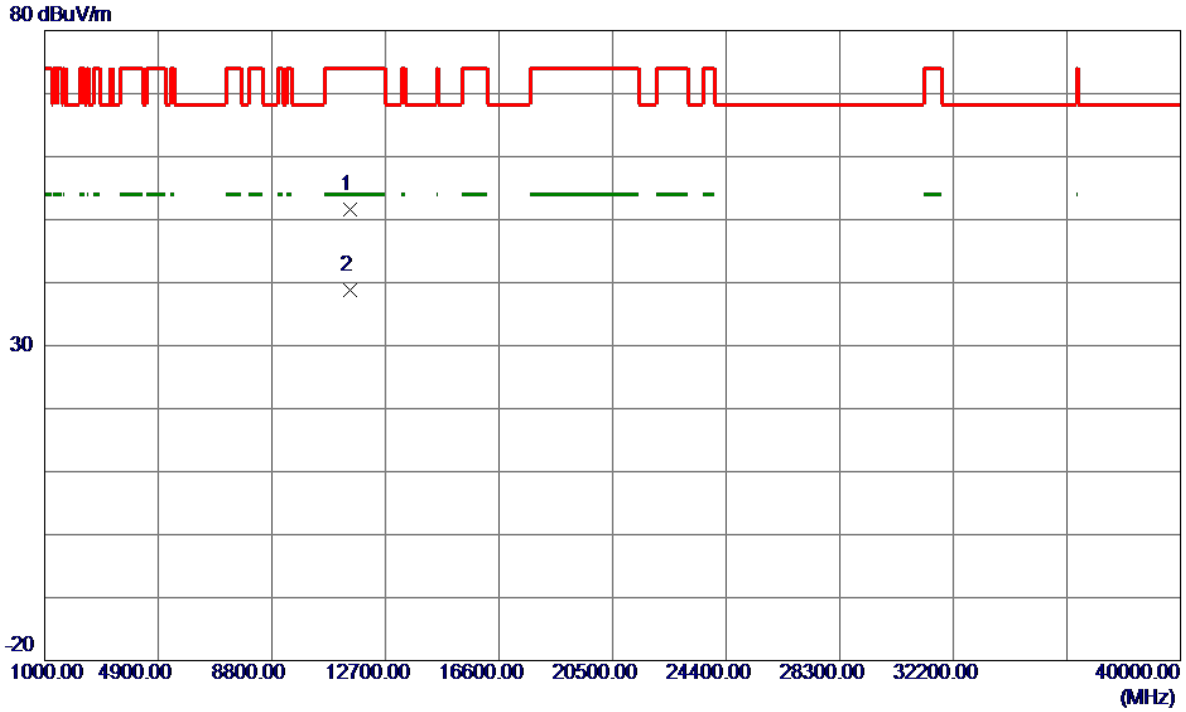
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	37.47	18.40	55.87	109.40	-53.53	Peak	
2	5725.0000	46.00	18.44	64.44	122.20	-57.76	Peak	
3 *	5751.2000	86.82	18.53	105.35	122.20	-16.85	Peak	

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

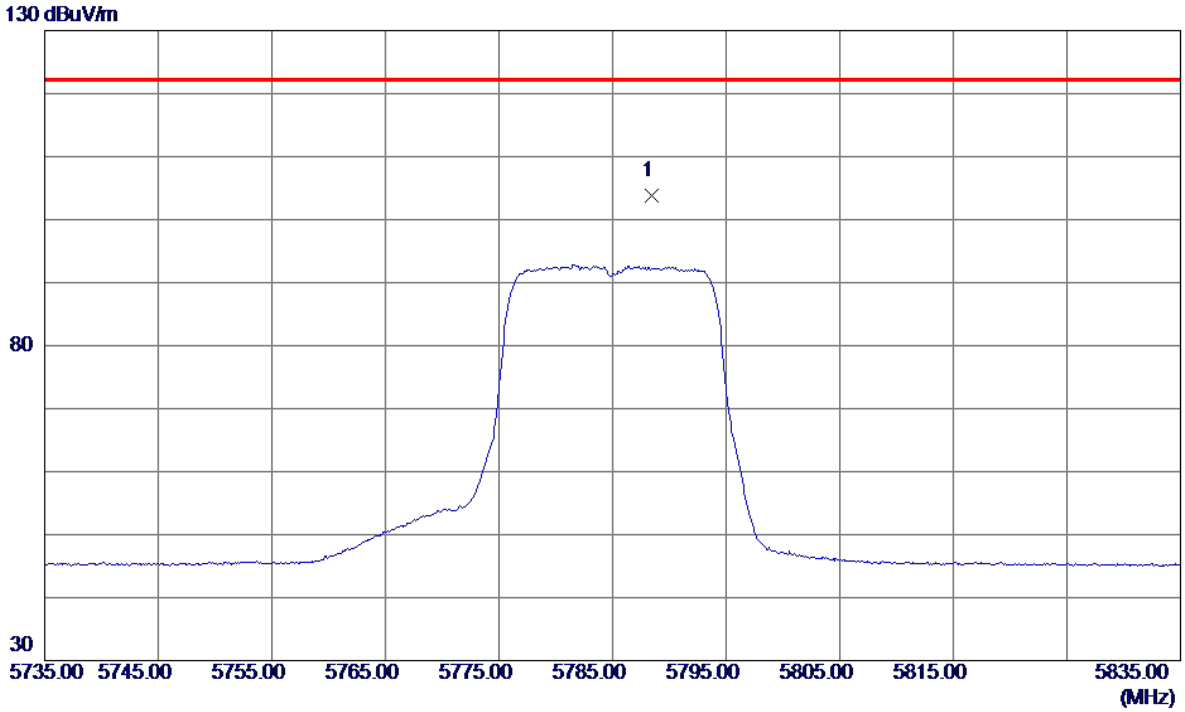
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488.9000	35.73	15.94	51.67	74.00	-22.33	Peak	
2 *	11489.4500	22.93	15.94	38.87	54.00	-15.13	AVG	

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

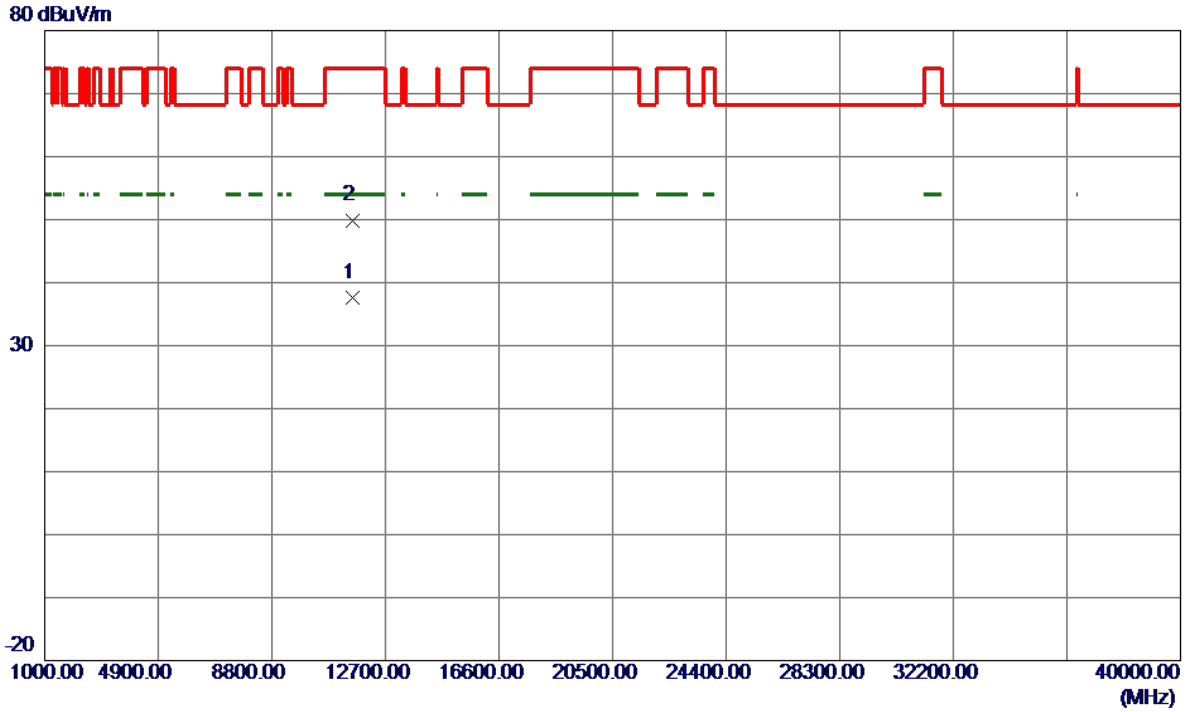
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5788.4000	85.11	18.66	103.77	122.20	-18.43	Peak	

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

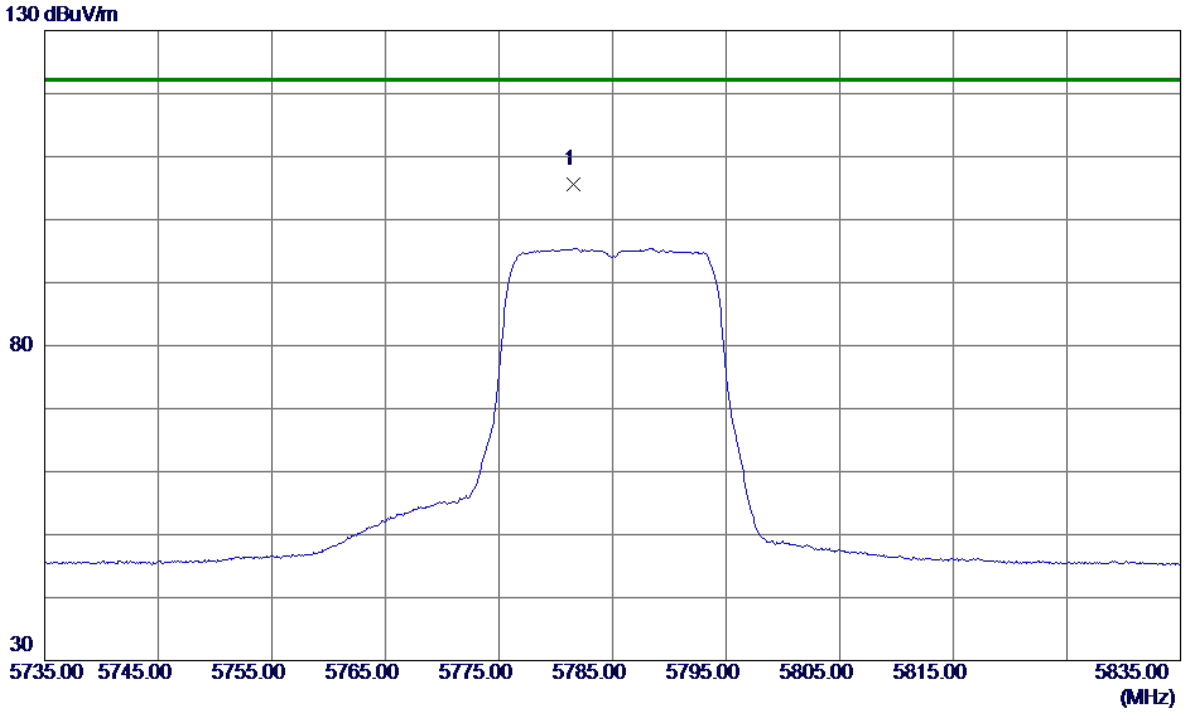
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11573.3000	21.56	15.99	37.55	54.00	-16.45	AVG	
2	11585.4500	33.90	16.00	49.90	74.00	-24.10	Peak	

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

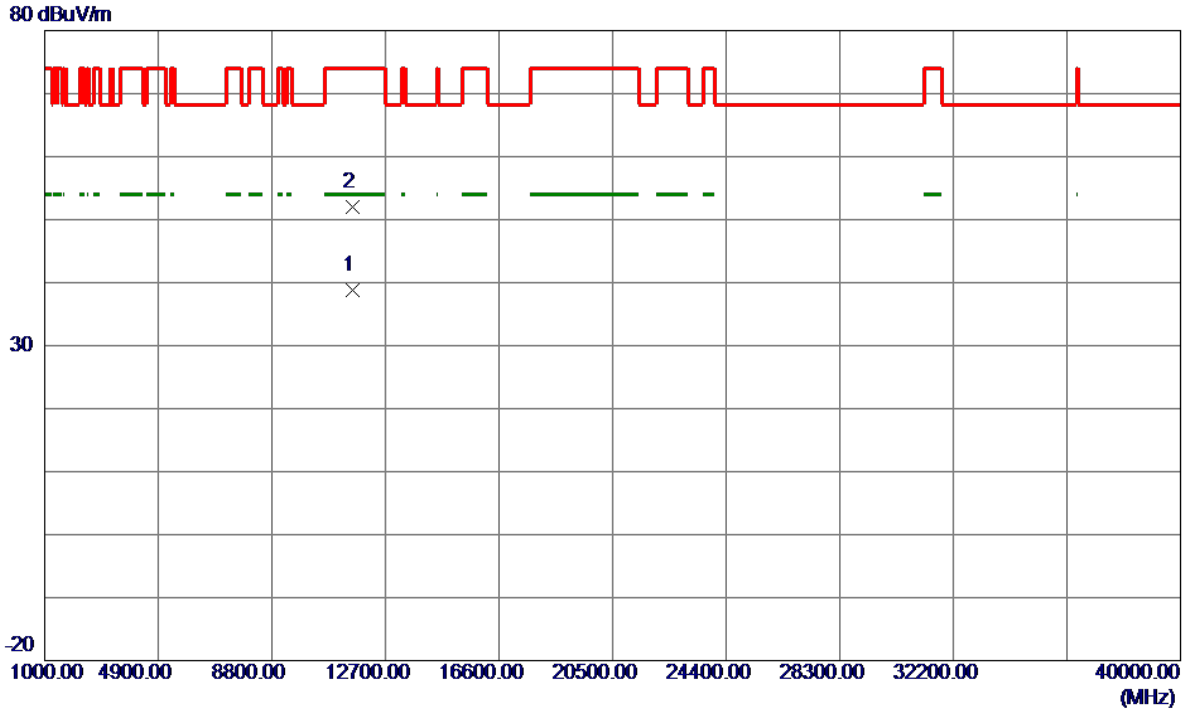
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5781.6000	87.04	18.64	105.68	122.20	-16.52	Peak	

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

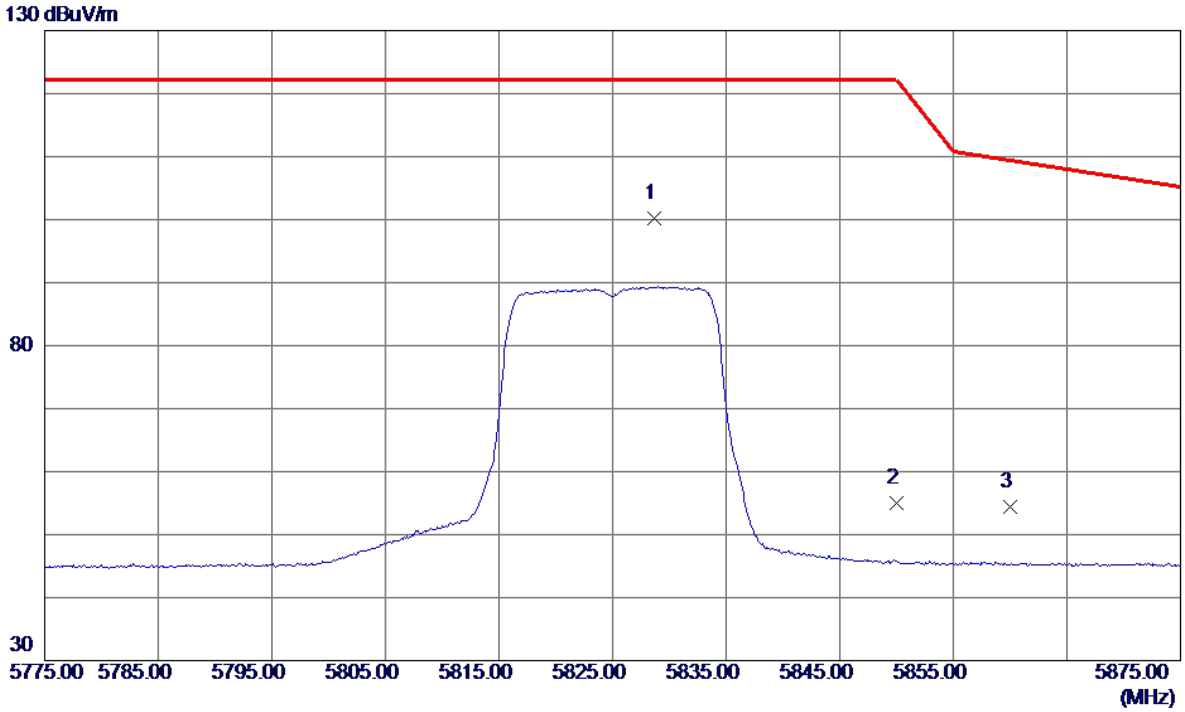
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569.6500	22.86	15.99	38.85	54.00	-15.15	AVG	
2	11570.8000	35.94	15.99	51.93	74.00	-22.07	Peak	

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

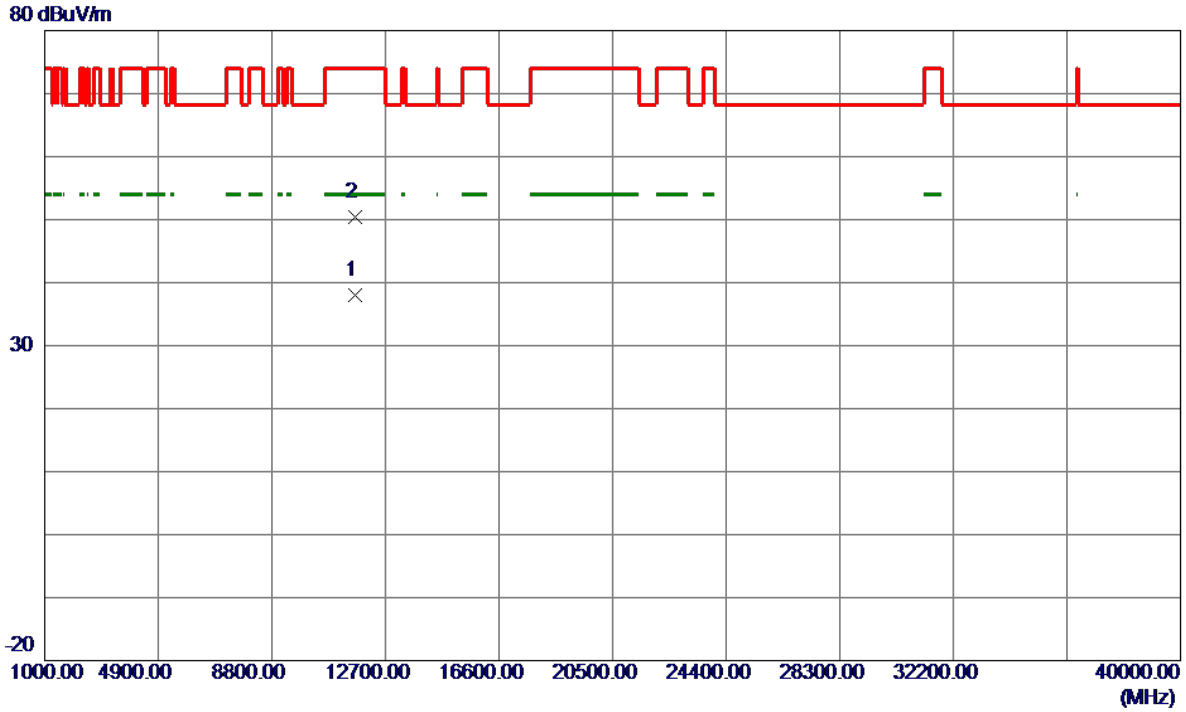
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5828.7000	81.37	18.80	100.17	122.20	-22.03	Peak	
2	5850.0000	36.04	18.88	54.92	122.20	-67.28	Peak	
3	5860.0000	35.54	18.91	54.45	109.40	-54.95	Peak	

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

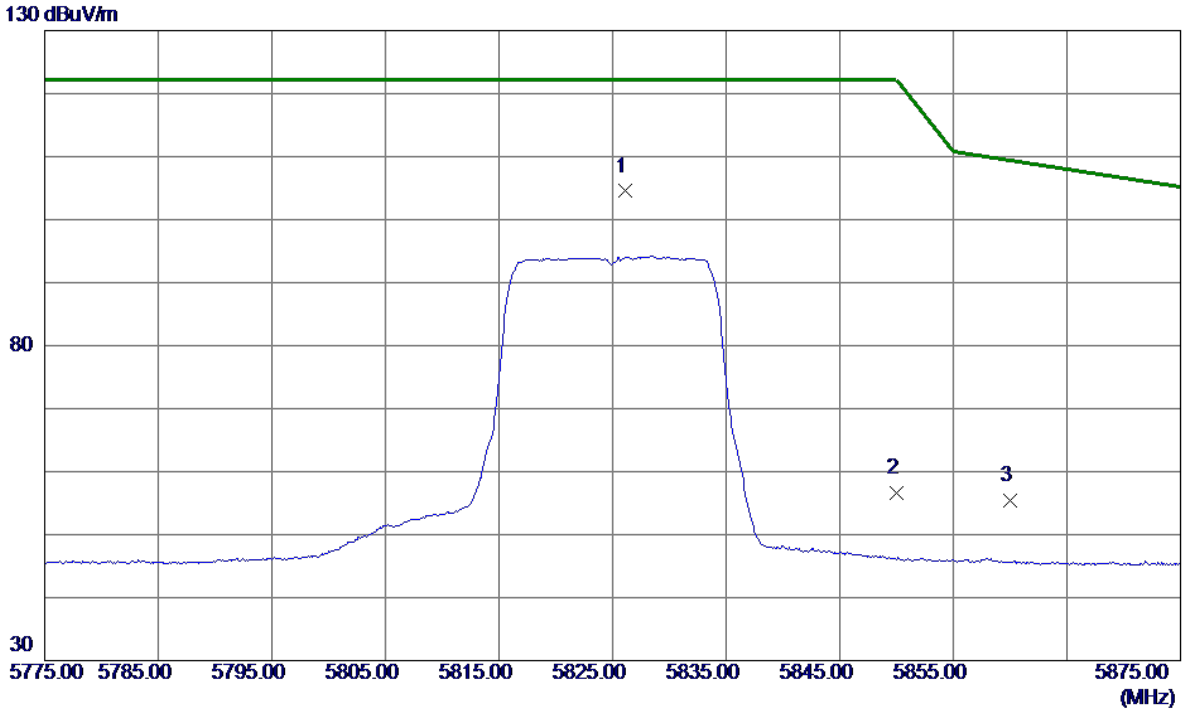
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11652.2500	21.93	16.04	37.97	54.00	-16.03	AVG	
2	11653.8500	34.43	16.04	50.47	74.00	-23.53	Peak	

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

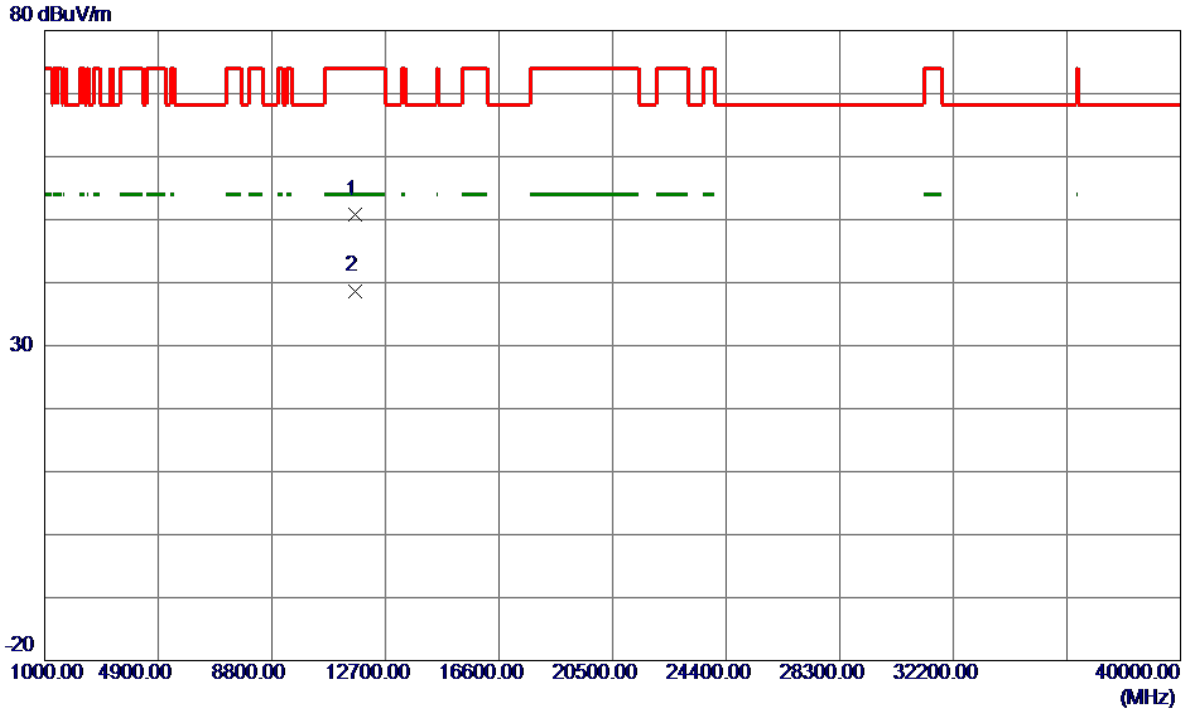
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5826.1000	85.71	18.79	104.50	122.20	-17.70	Peak	
2	5850.0000	37.73	18.88	56.61	122.20	-65.59	Peak	
3	5860.0000	36.40	18.91	55.31	109.40	-54.09	Peak	

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

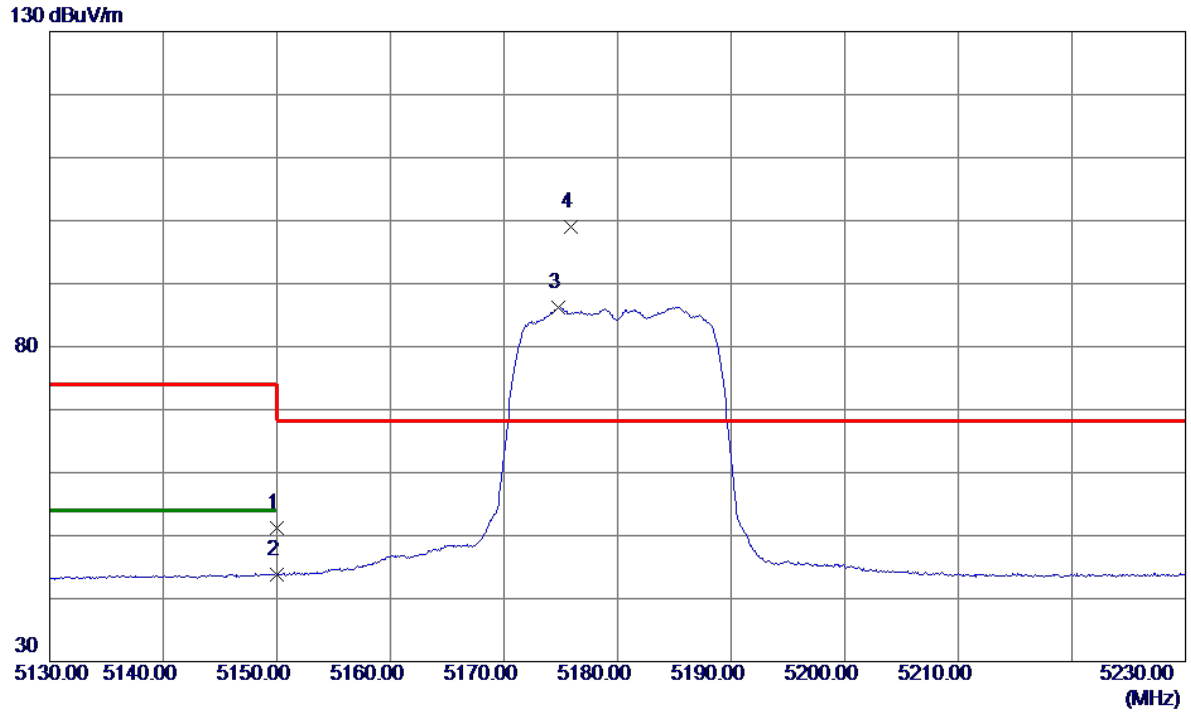
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11640.9500	34.73	16.03	50.76	74.00	-23.24	Peak	
2 *	11646.2000	22.67	16.03	38.70	54.00	-15.30	AVG	

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

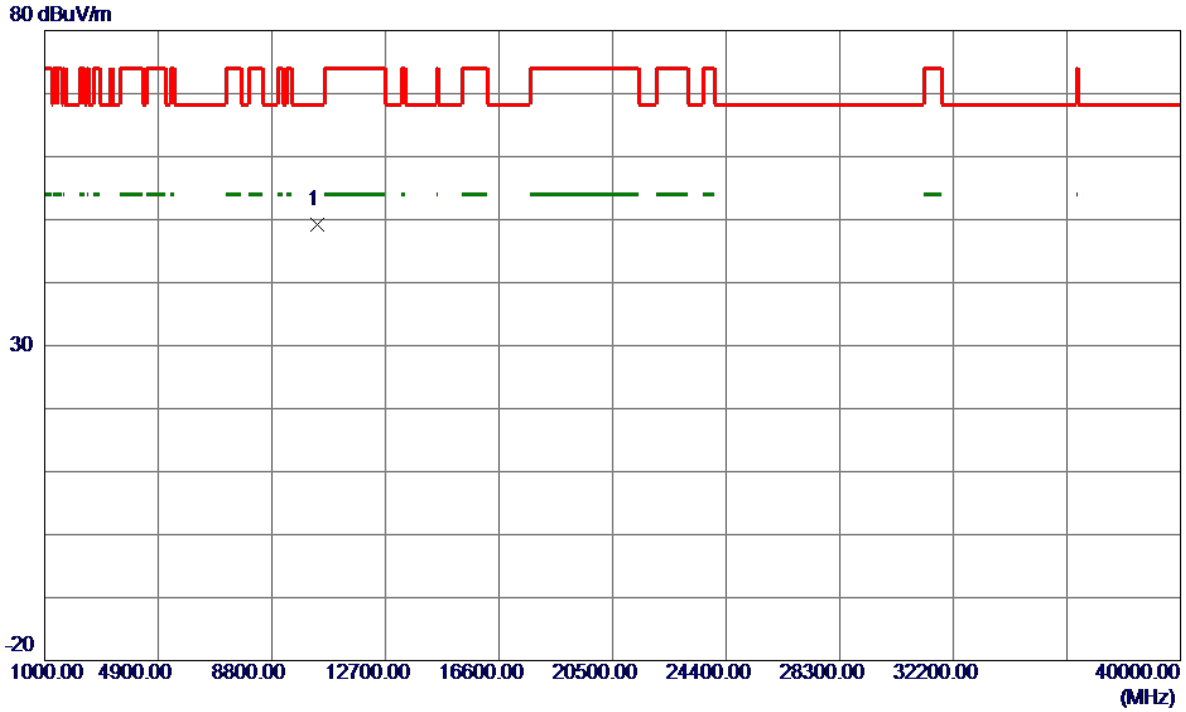
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	34.60	16.65	51.25	74.00	-22.75	Peak	
2	5150.0000	27.07	16.65	43.72	54.00	-10.28	AVG	No Limit
3	5174.8000	69.49	16.72	86.21	999.00	-912.79	AVG	No Limit
4 *	5175.9100	82.30	16.72	99.02	68.30	30.72	Peak	

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

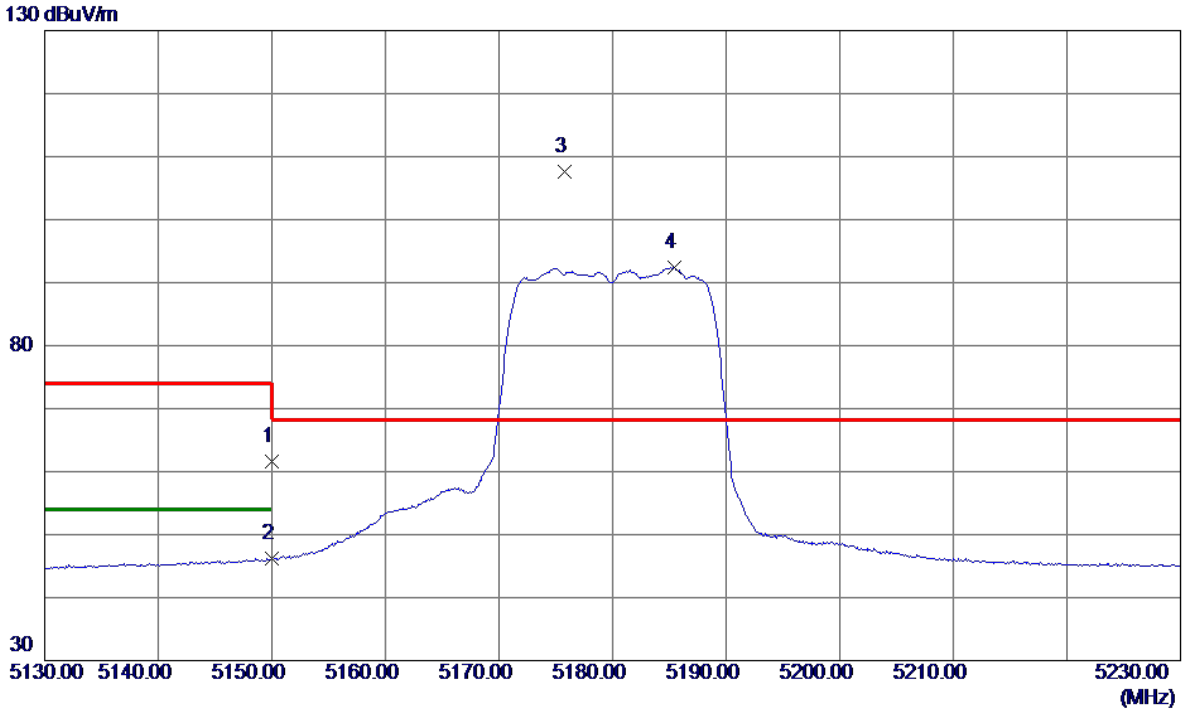
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.4000	34.31	14.85	49.16	68.30	-19.14	Peak	

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

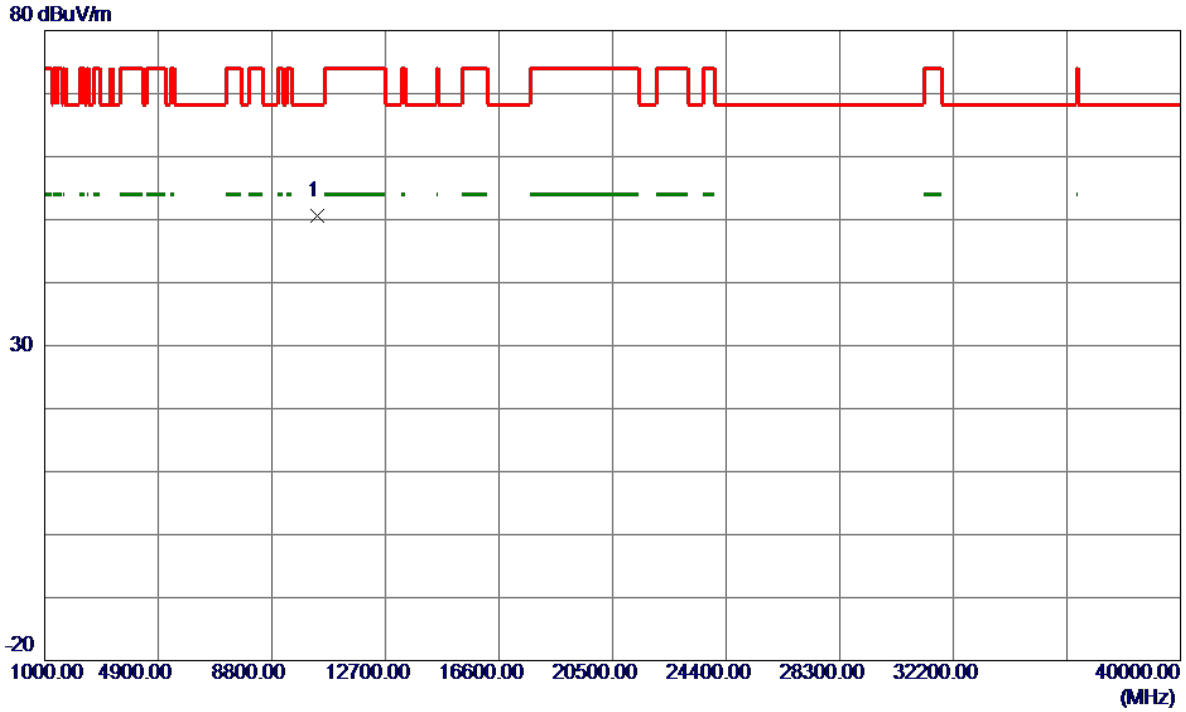
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	44.91	16.65	61.56	74.00	-12.44	Peak	
2	5150.0000	29.60	16.65	46.25	54.00	-7.75	AVG	
3 *	5175.8000	90.95	16.72	107.67	68.30	39.37	Peak	No Limit
4	5185.4000	75.59	16.75	92.34	999.00	-906.66	AVG	No Limit

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

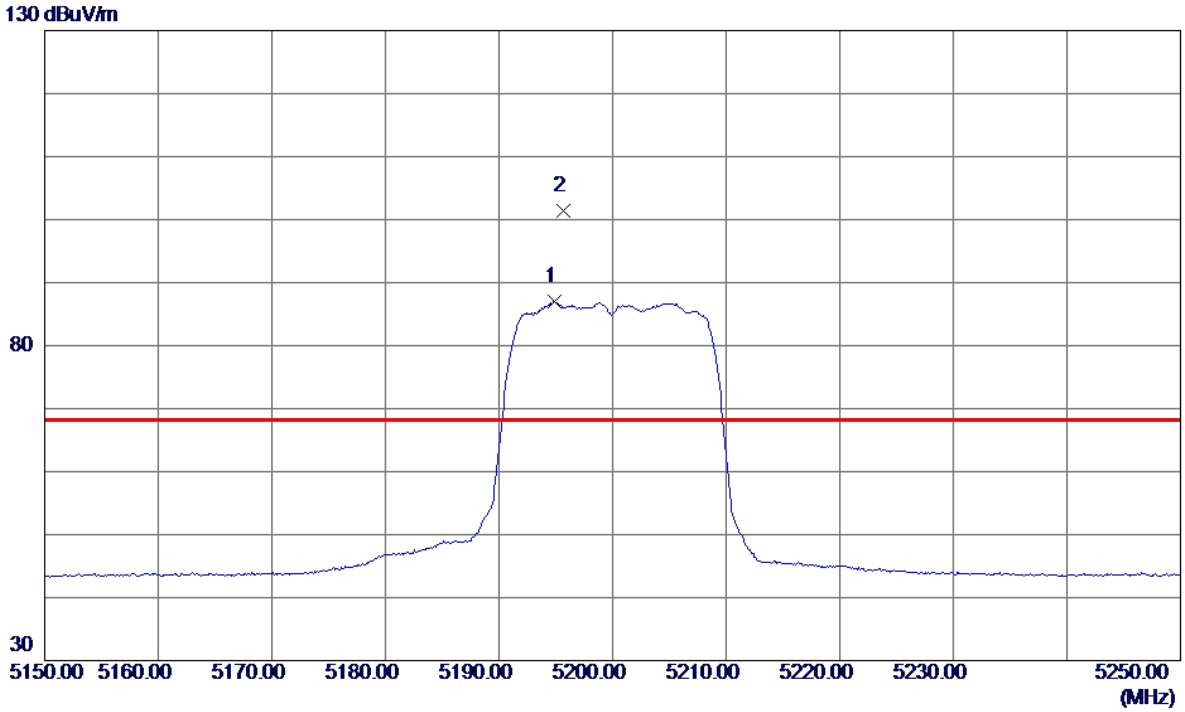
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10365.4000	35.75	14.86	50.61	68.30	-17.69	Peak	

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

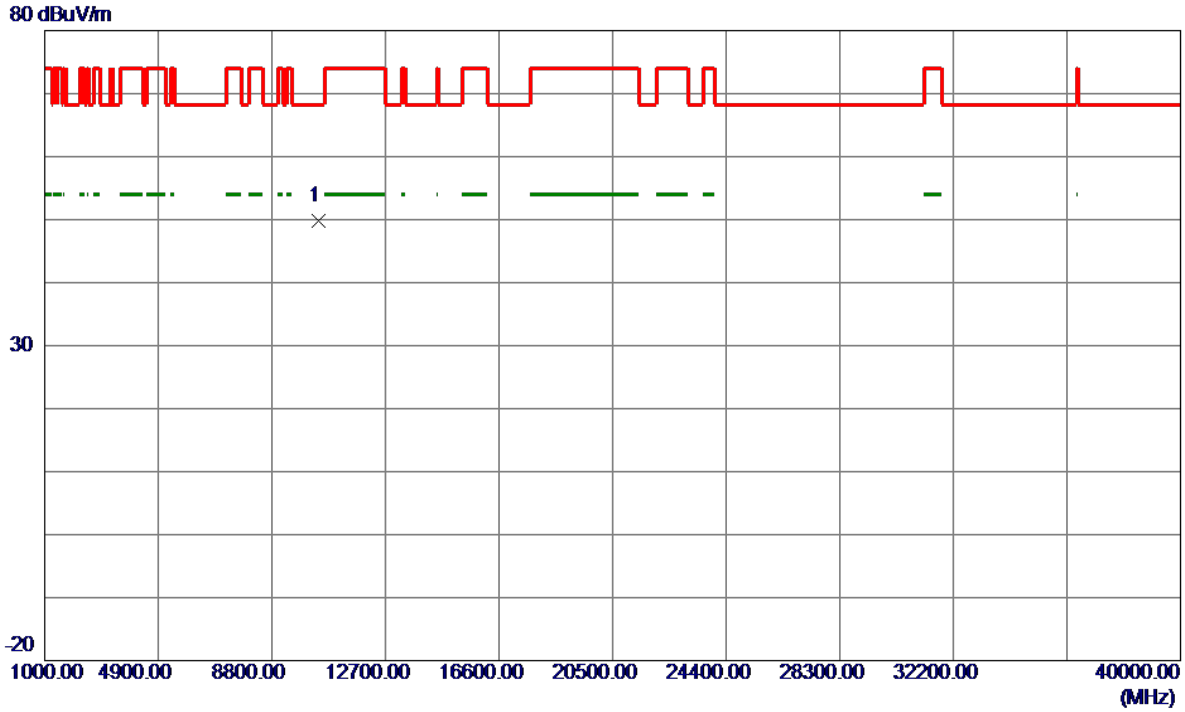
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5194.9000	70.17	16.77	86.94	999.00	-912.06	AVG	No Limit
2 *	5195.7000	84.67	16.78	101.45	68.30	33.15	Peak	No Limit

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

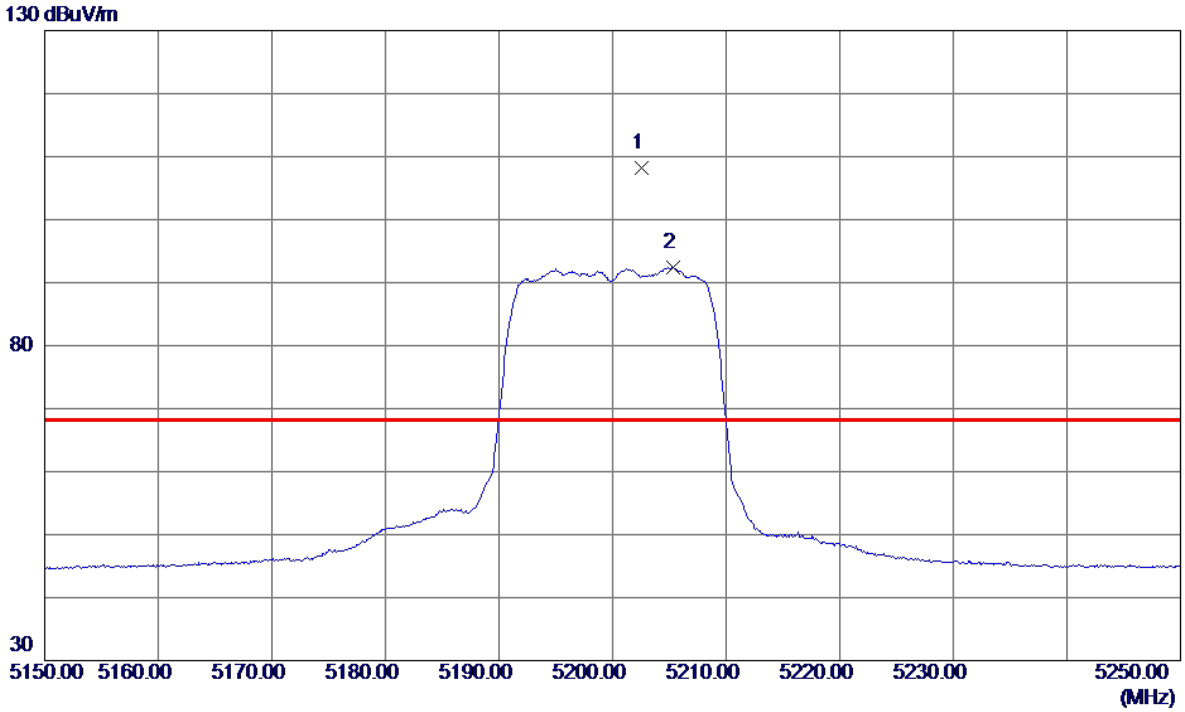
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10412.2000	34.90	14.94	49.84	68.30	-18.46	Peak	

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

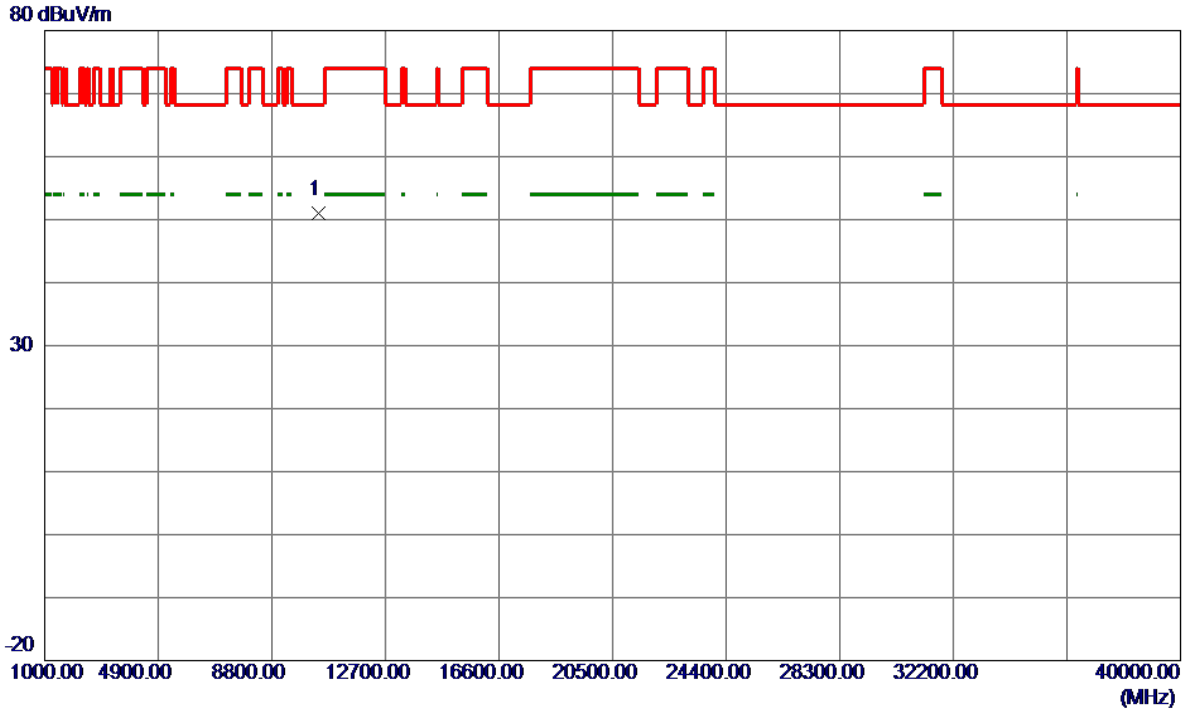
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5202.6000	91.43	16.80	108.23	68.30	39.93	Peak	No Limit
2	5205.3000	75.56	16.80	92.36	999.00	-906.64	AVG	No Limit

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

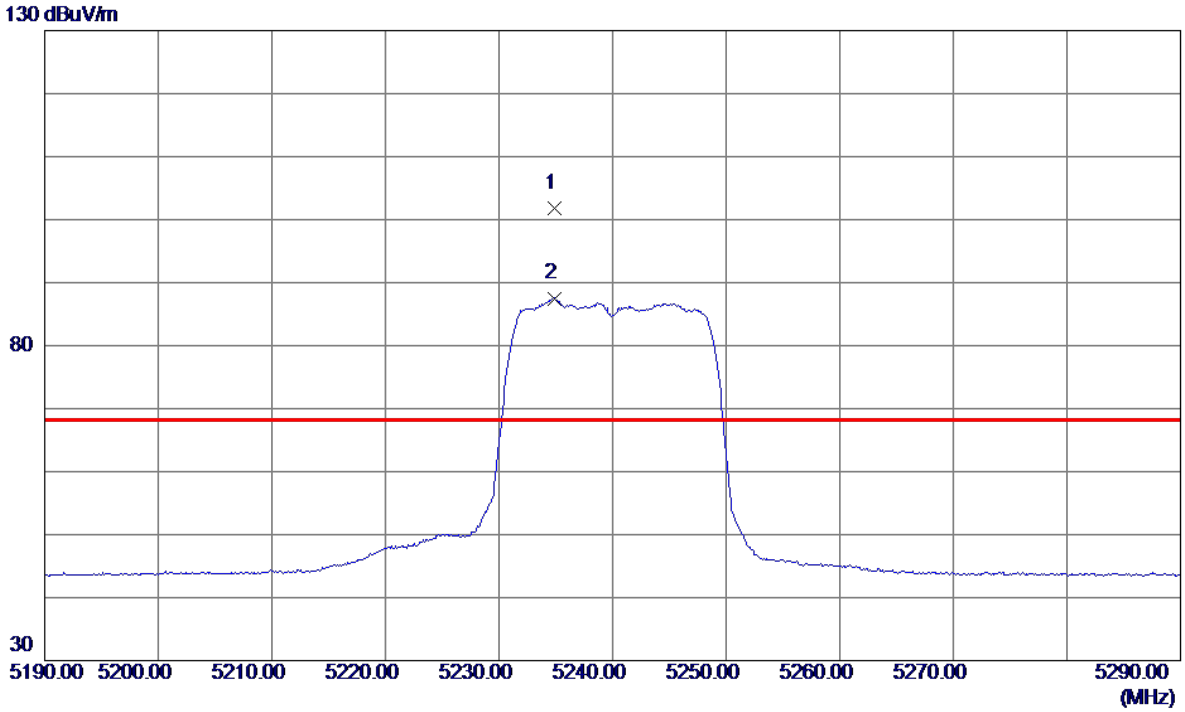
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10407.0000	35.97	14.93	50.90	68.30	-17.40	Peak	

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

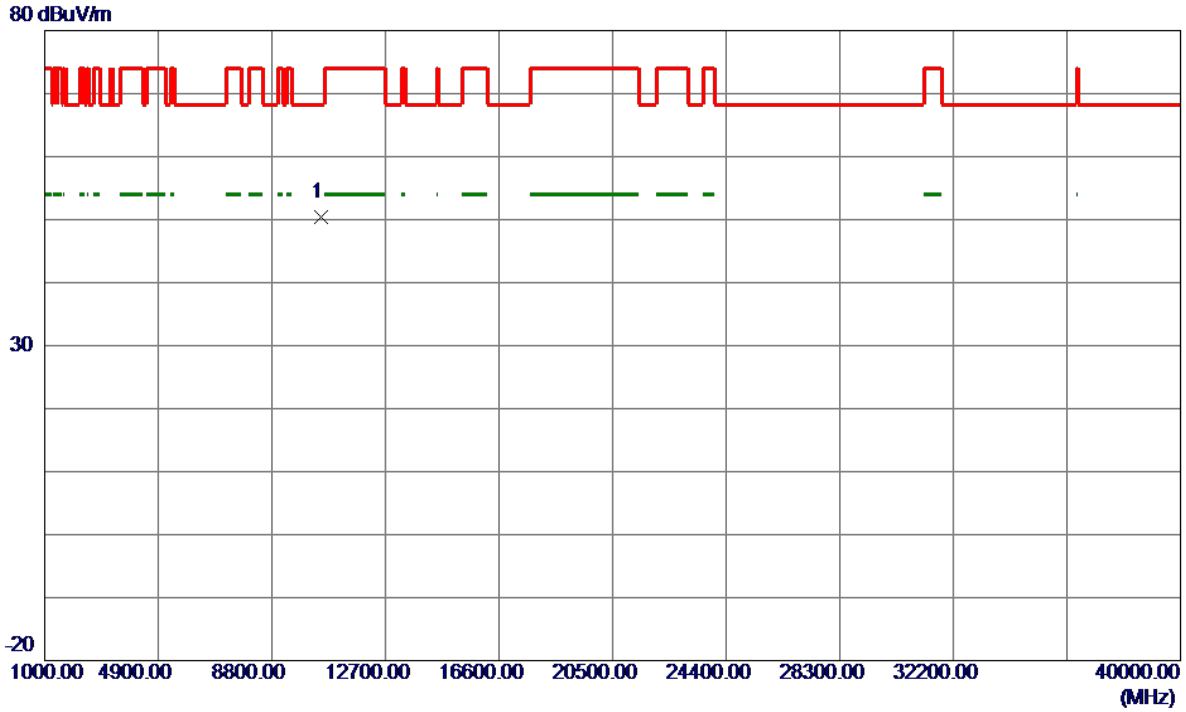
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5234.9000	84.91	16.89	101.80	68.30	33.50	Peak	No Limit
2	5234.9000	70.61	16.89	87.50	999.00	-911.50	AVG	No Limit

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

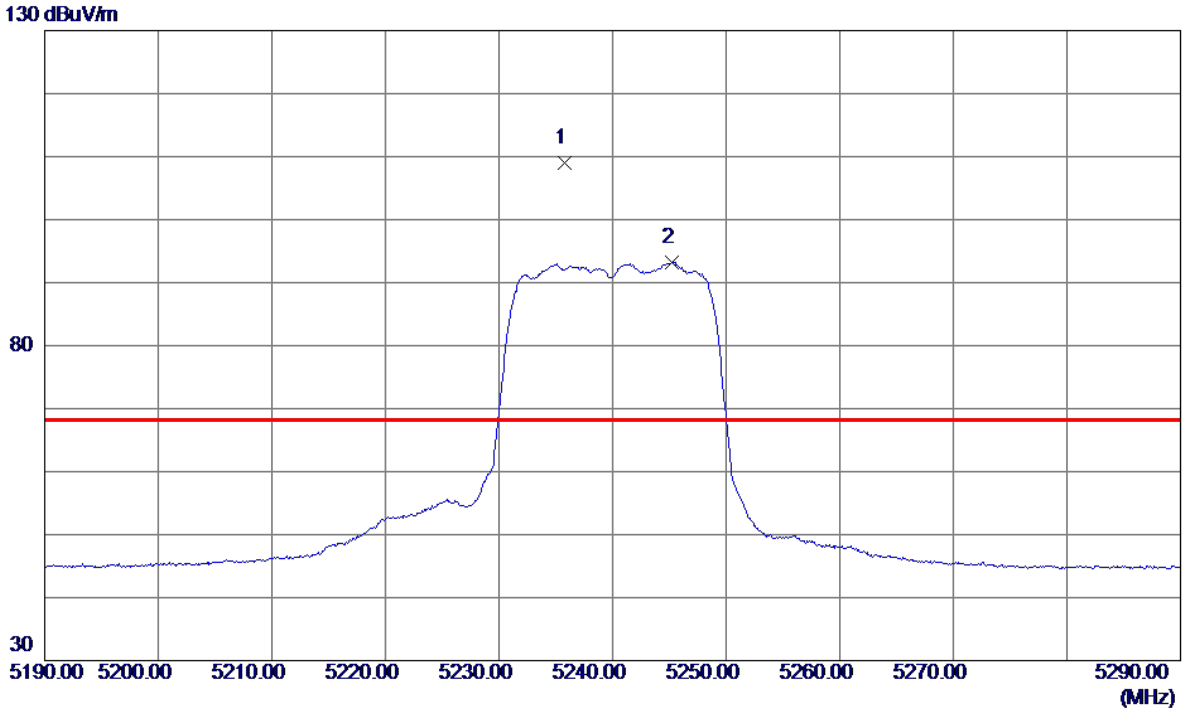
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10484.9500	35.29	15.07	50.36	68.30	-17.94	Peak	

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

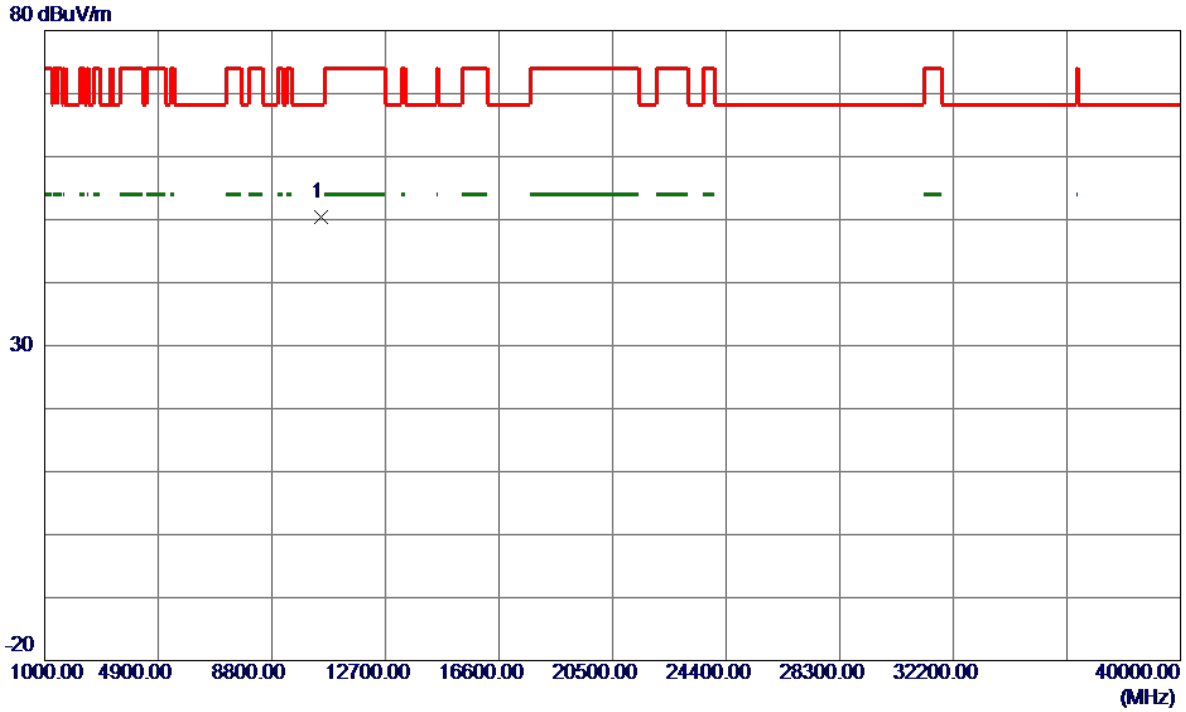
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5235.8000	92.05	16.89	108.94	68.30	40.64	Peak	No Limit
2	5245.2000	76.27	16.92	93.19	999.00	-905.81	AVG	No Limit

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

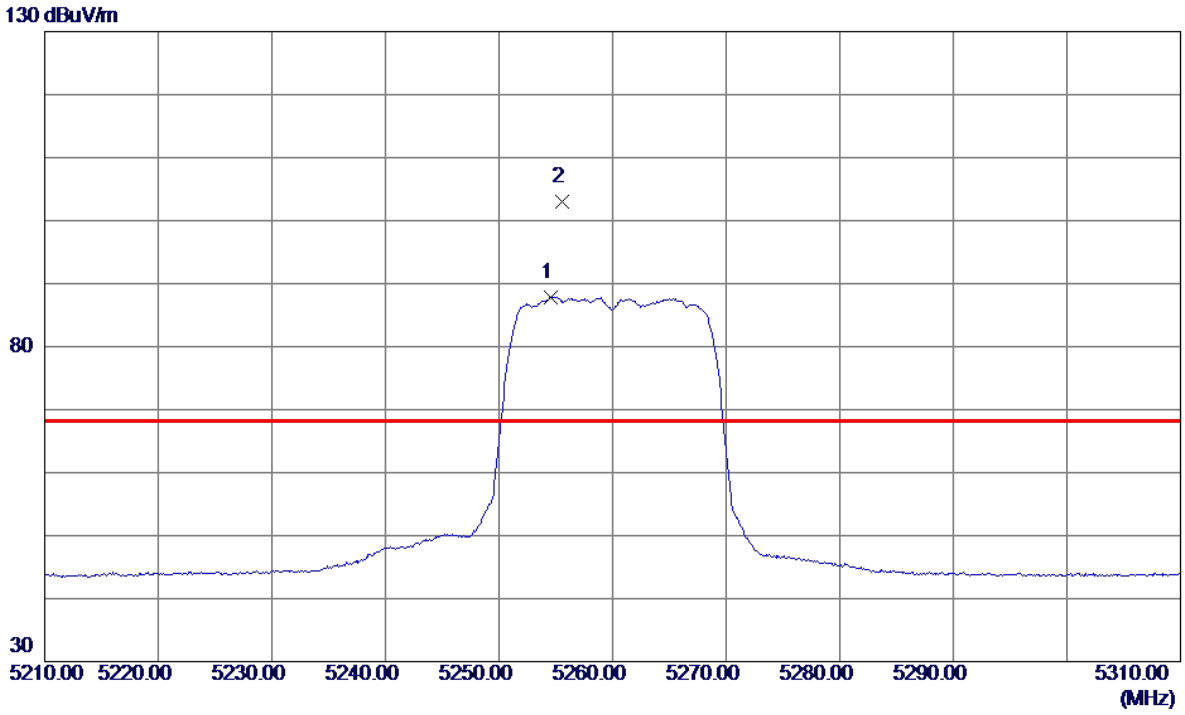
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478.8000	35.28	15.06	50.34	68.30	-17.96	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

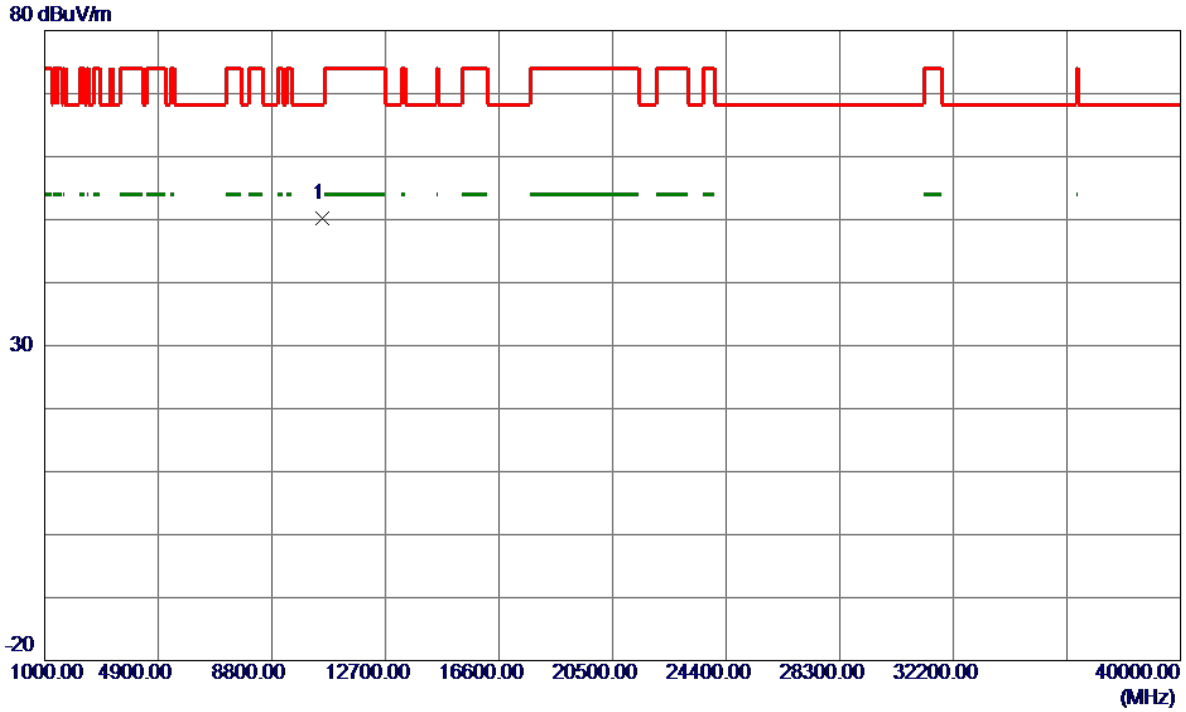
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5254.6000	70.93	16.94	87.87	999.00	-911.13	AVG	No Limit
2 *	5255.6000	85.95	16.95	102.90	68.30	34.60	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

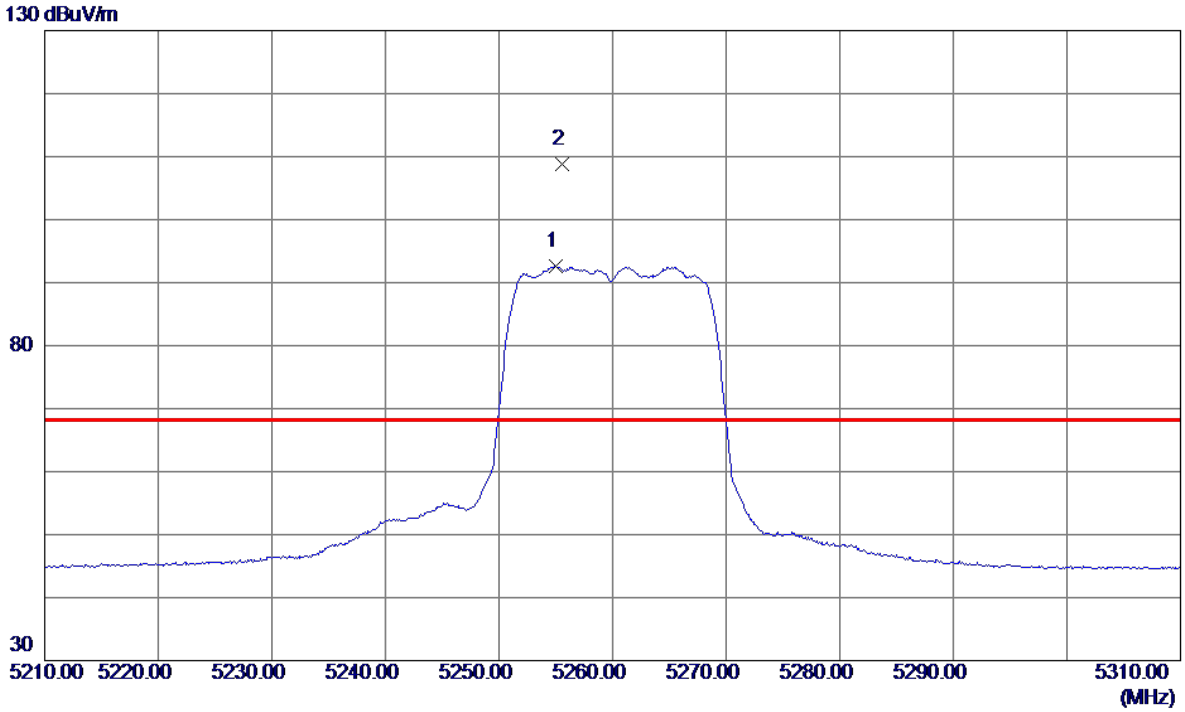
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10522.7000	35.03	15.11	50.14	68.30	-18.16	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

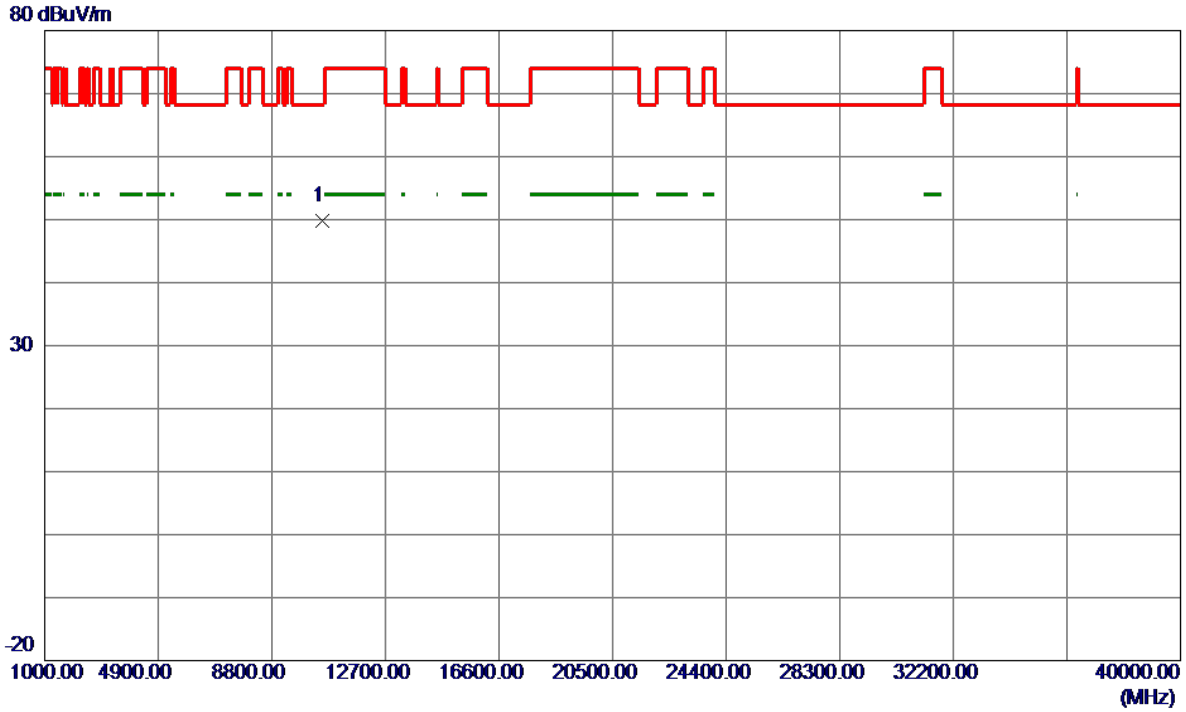
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5255.0000	75.70	16.94	92.64	999.00	-906.36	AVG	No Limit
2 *	5255.6000	91.81	16.95	108.76	68.30	40.46	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5260MHz

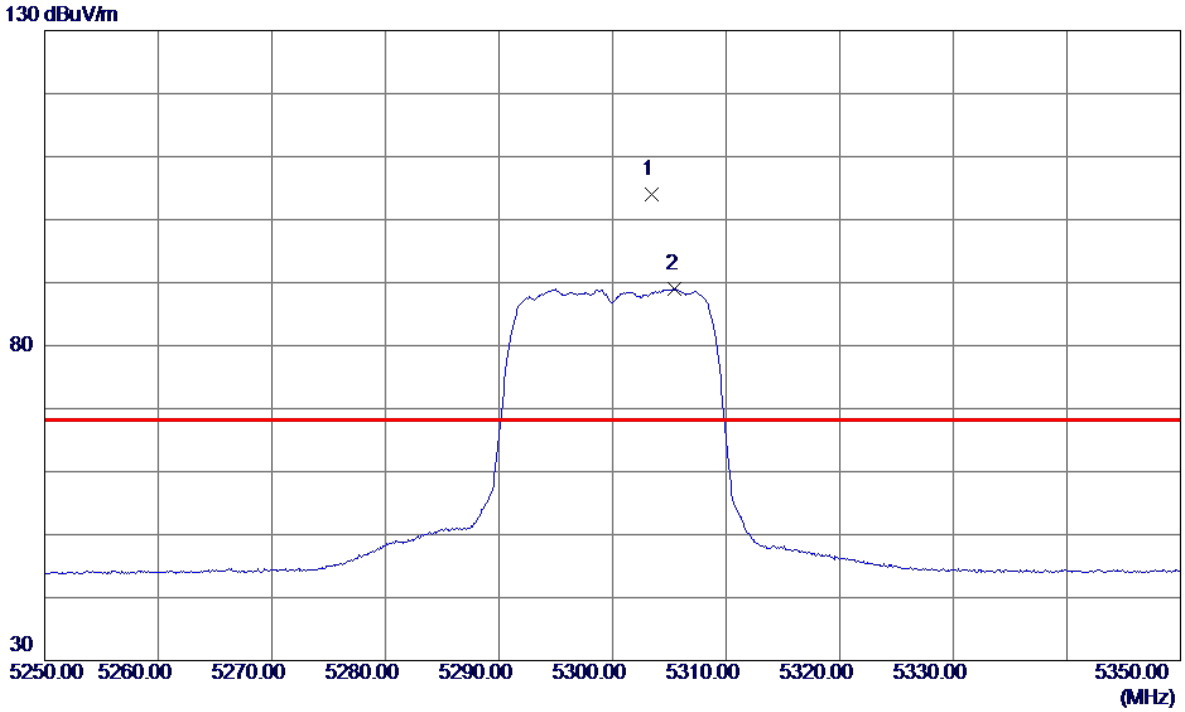
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10519.5500	34.74	15.11	49.85	68.30	-18.45	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

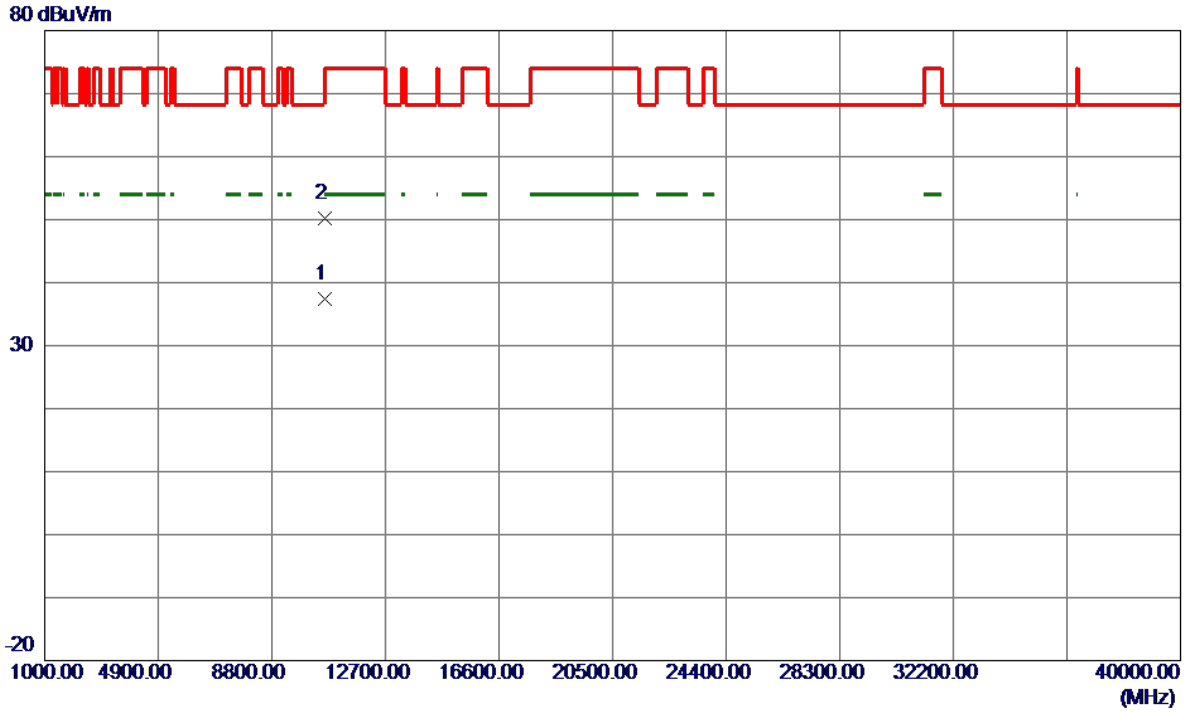
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5303.4000	86.88	17.08	103.96	68.30	35.66	Peak	No Limit
2	5305.5000	71.89	17.09	88.98	999.00	-910.02	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

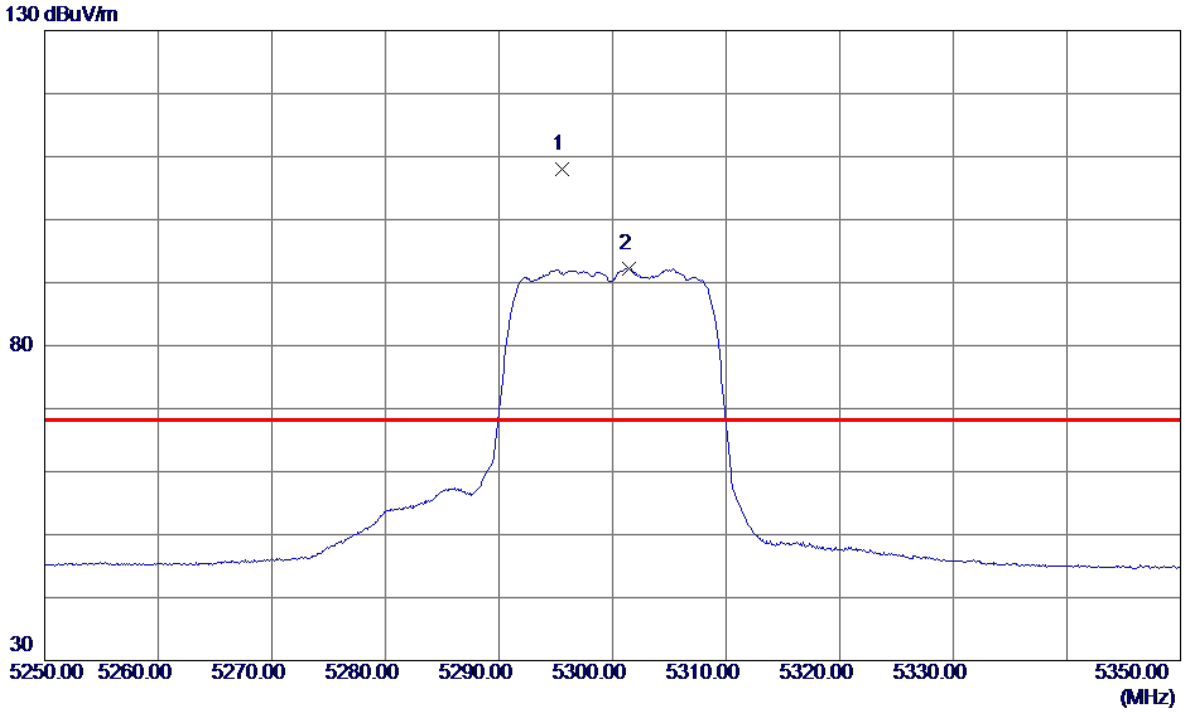
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10601.4500	22.20	15.16	37.36	54.00	-16.64	AVG	
2	10614.3000	35.12	15.17	50.29	74.00	-23.71	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

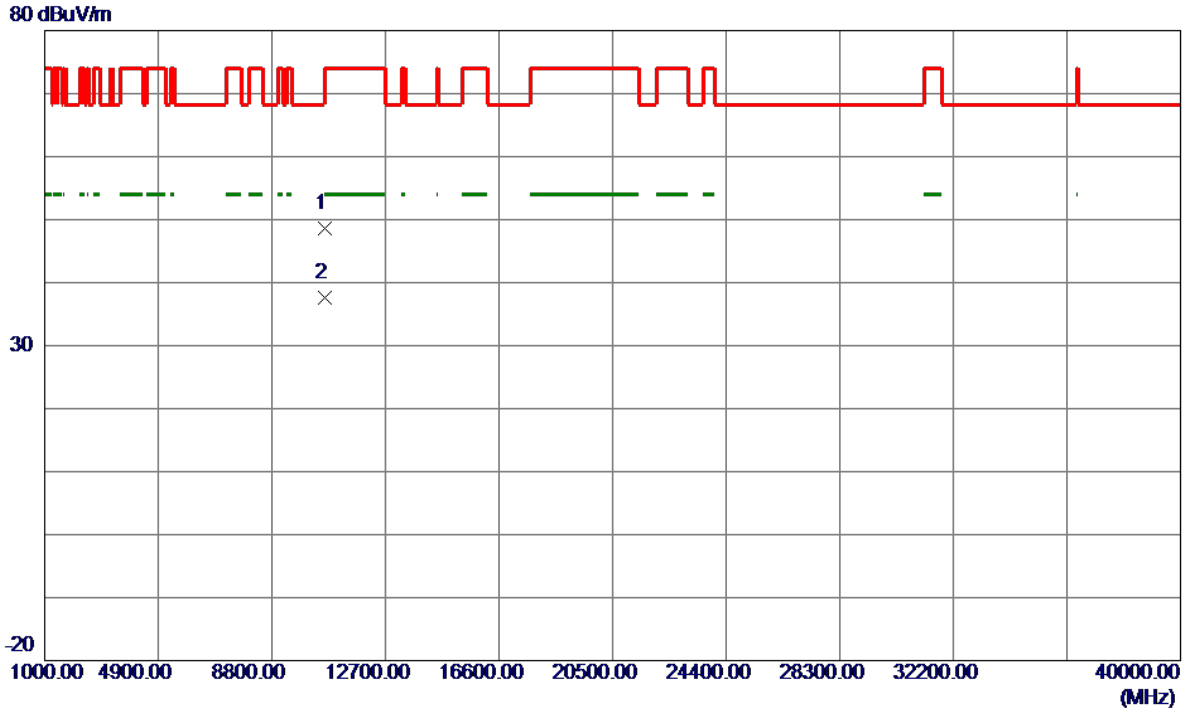
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5295.6000	90.84	17.06	107.90	68.30	39.60	Peak	No Limit
2	5301.4000	75.16	17.08	92.24	999.00	-906.76	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5300MHz

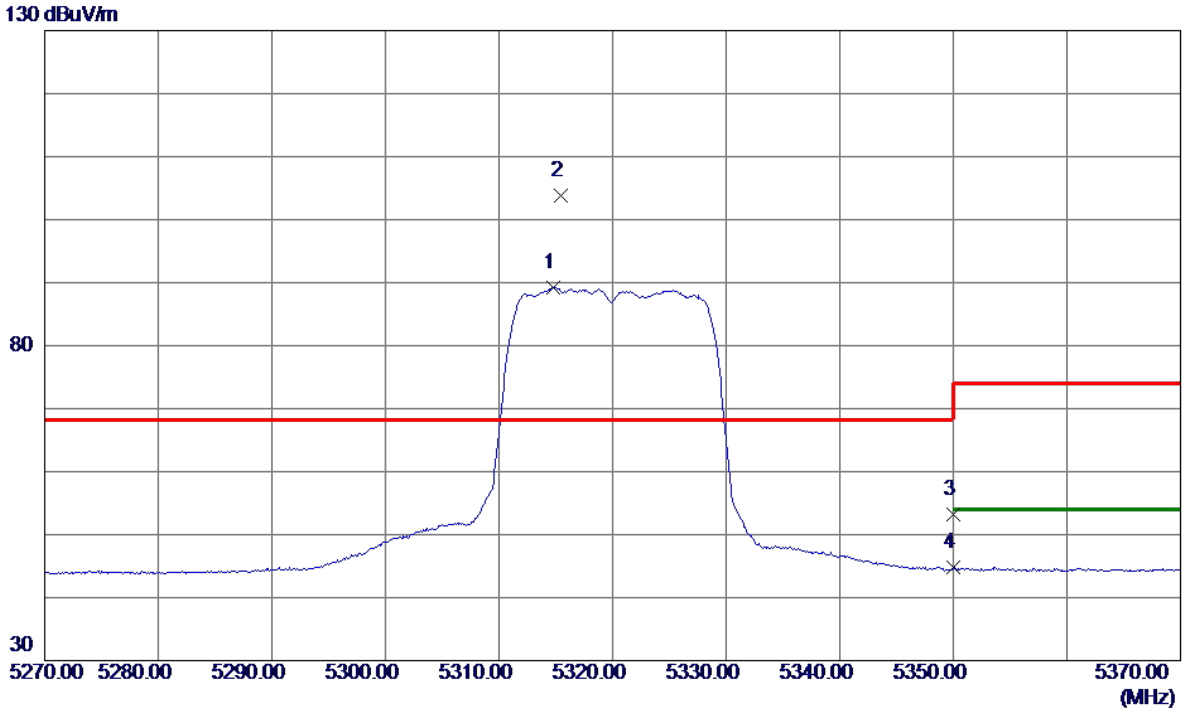
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10599.7500	33.37	15.16	48.53	68.30	-19.77	Peak	
2 *	10600.3000	22.49	15.16	37.65	54.00	-16.35	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

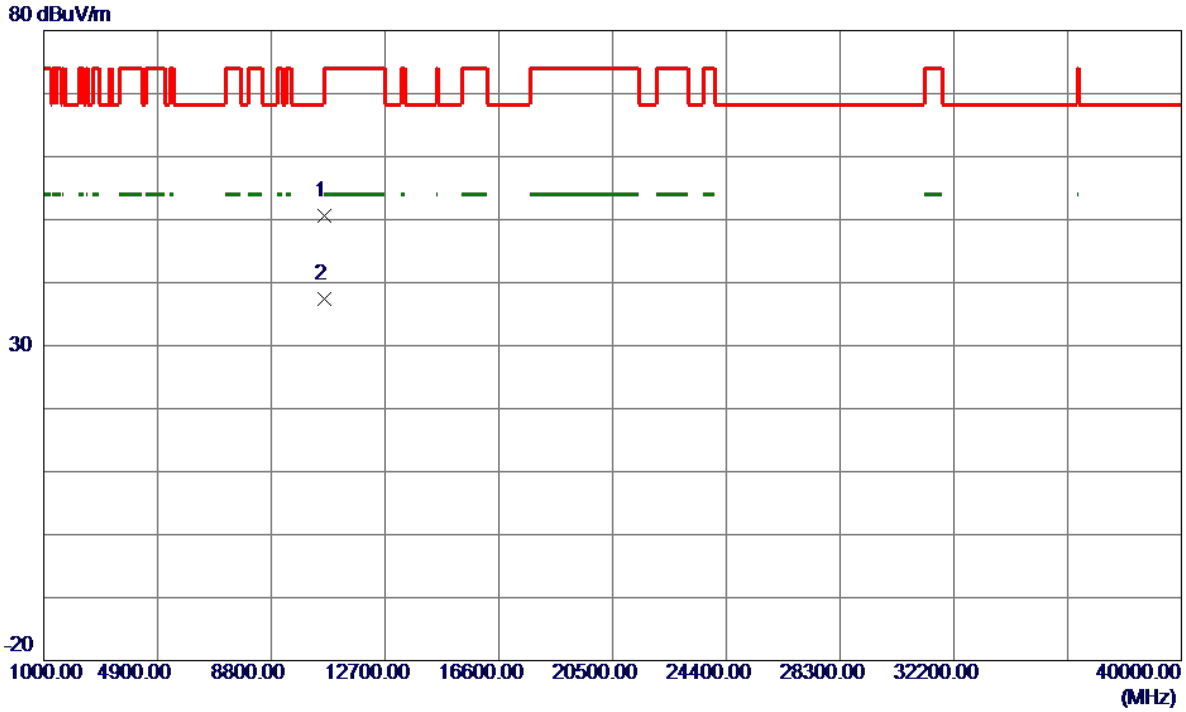
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5314.8000	72.15	17.11	89.26	999.00	-909.74	AVG	No Limit
2 *	5315.4000	86.59	17.12	103.71	68.30	35.41	Peak	No Limit
3	5350.0000	36.01	17.21	53.22	74.00	-20.78	Peak	
4	5350.0000	27.59	17.21	44.80	999.00	-954.20	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

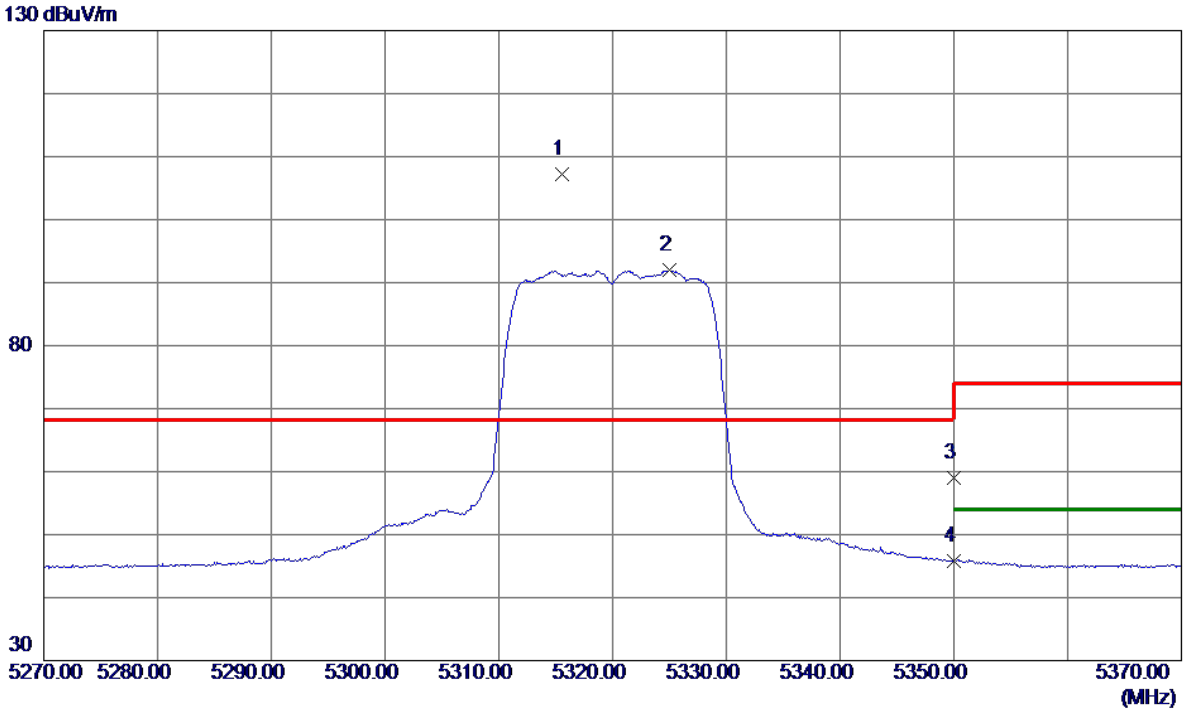
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10631.7000	35.51	15.18	50.69	74.00	-23.31	Peak	
2 *	10641.2000	22.28	15.19	37.47	54.00	-16.53	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

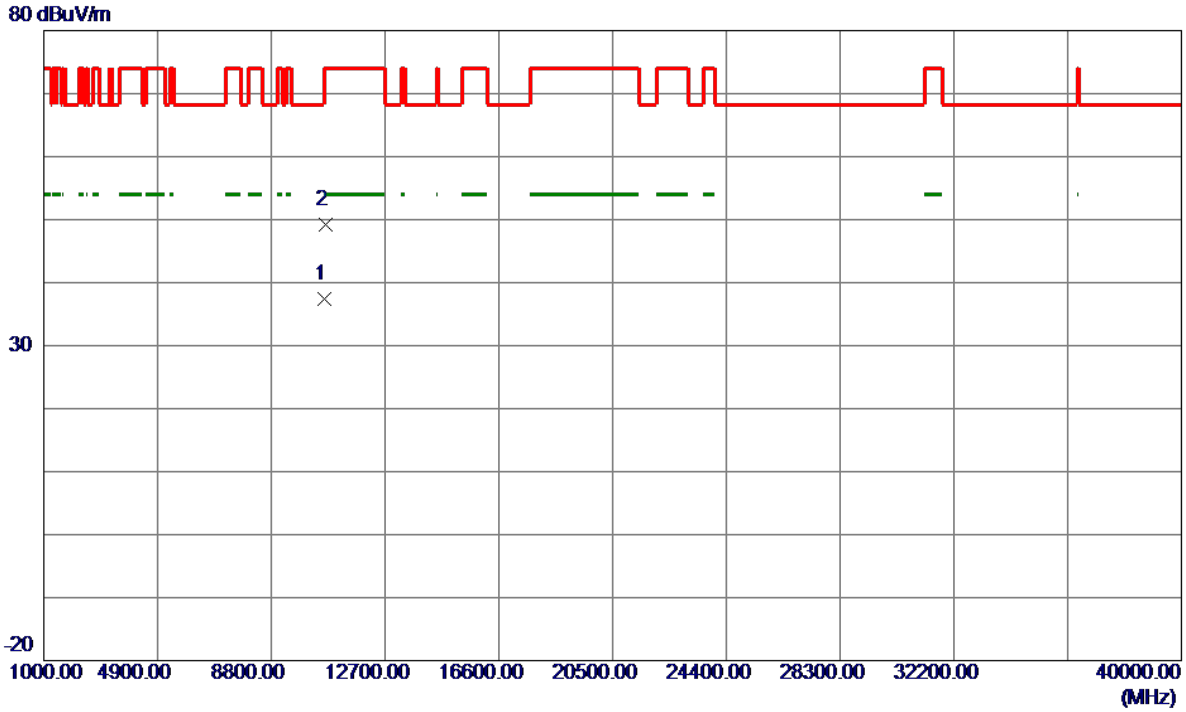
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5315.6000	90.10	17.12	107.22	68.30	38.92	Peak	No Limit
2	5325.0000	74.79	17.14	91.93	999.00	-907.07	AVG	No Limit
3	5350.0000	41.73	17.21	58.94	74.00	-15.06	Peak	
4	5350.0000	28.62	17.21	45.83	999.00	-953.17	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX AC20 Mode 5320MHz

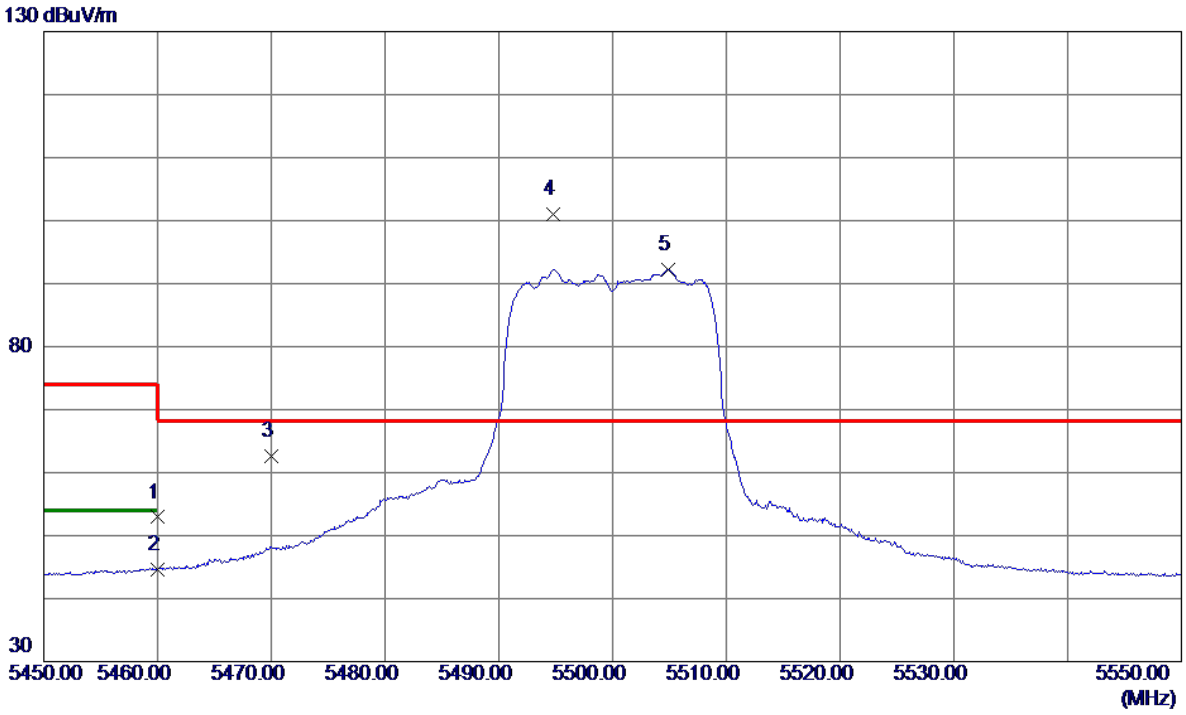
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10637.3500	22.22	15.19	37.41	54.00	-16.59	AVG	
2	10641.8000	34.02	15.19	49.21	74.00	-24.79	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

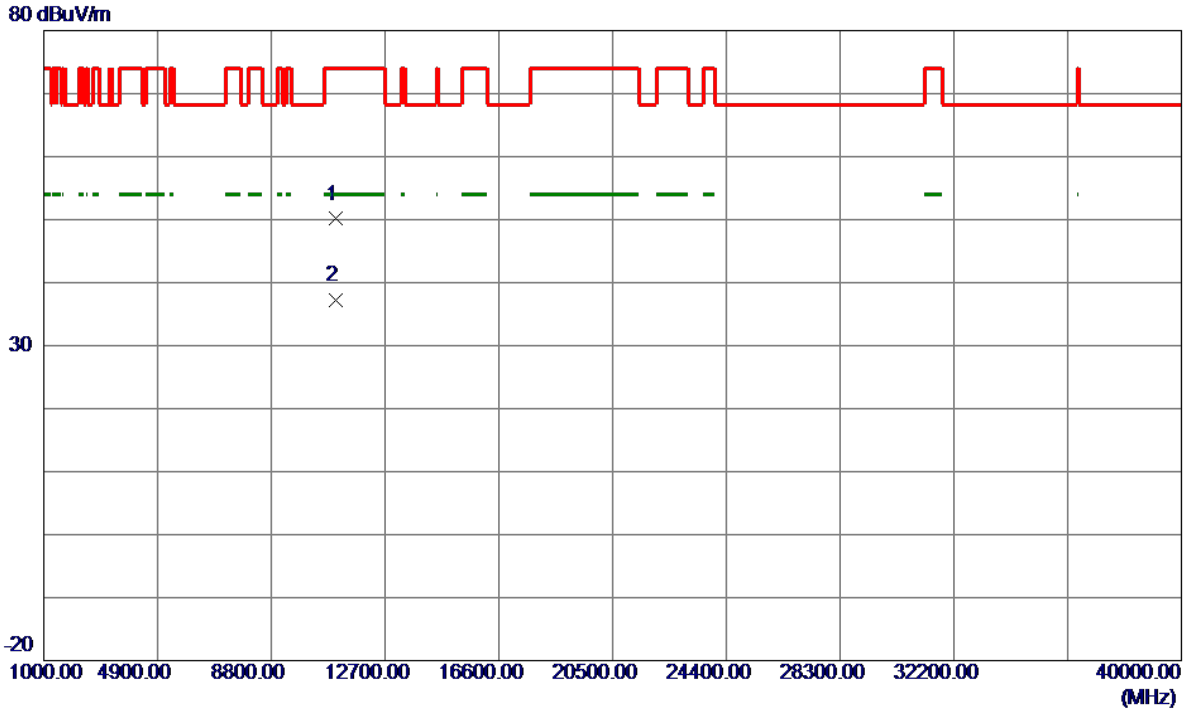
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	35.37	17.53	52.90	74.00	-21.10	Peak	
2	5460.0000	27.00	17.53	44.53	54.00	-9.47	AVG	
3	5470.0000	45.10	17.55	62.65	68.30	-5.65	Peak	
4 *	5494.8000	83.35	17.63	100.98	68.30	32.68	Peak	No Limit
5	5504.9000	74.61	17.66	92.27	999.00	-906.73	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

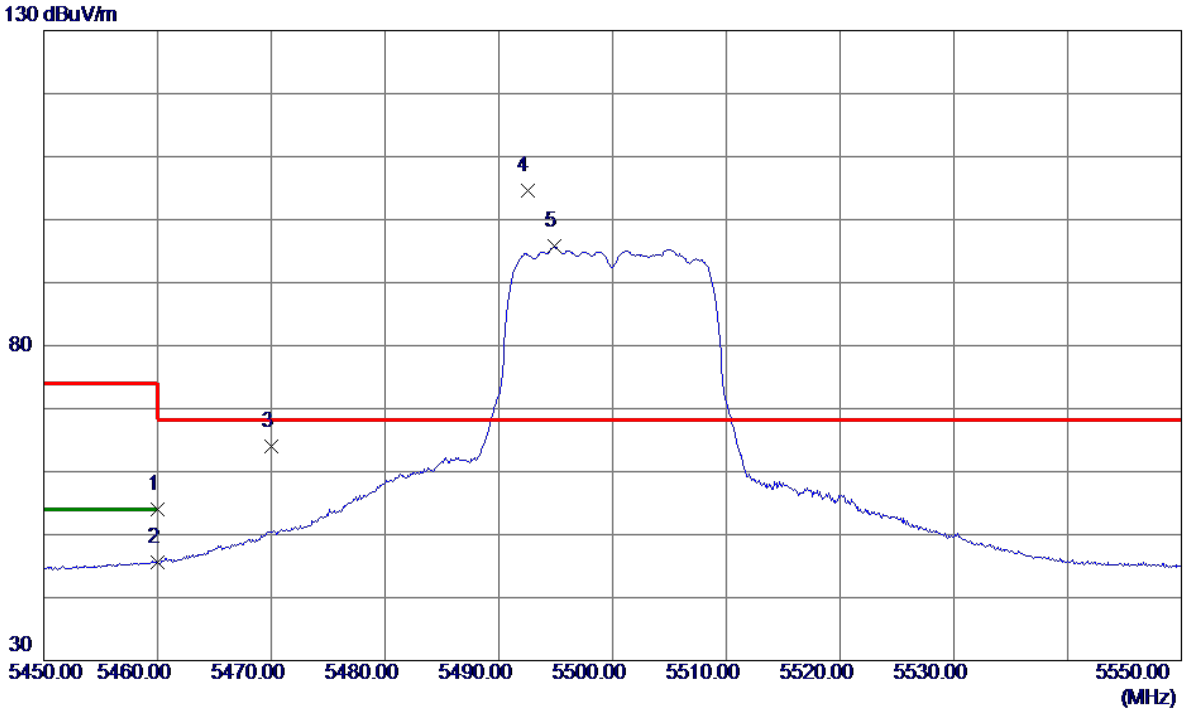
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10991.7500	34.68	15.42	50.10	74.00	-23.90	Peak	
2 *	11004.1000	21.74	15.43	37.17	54.00	-16.83	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

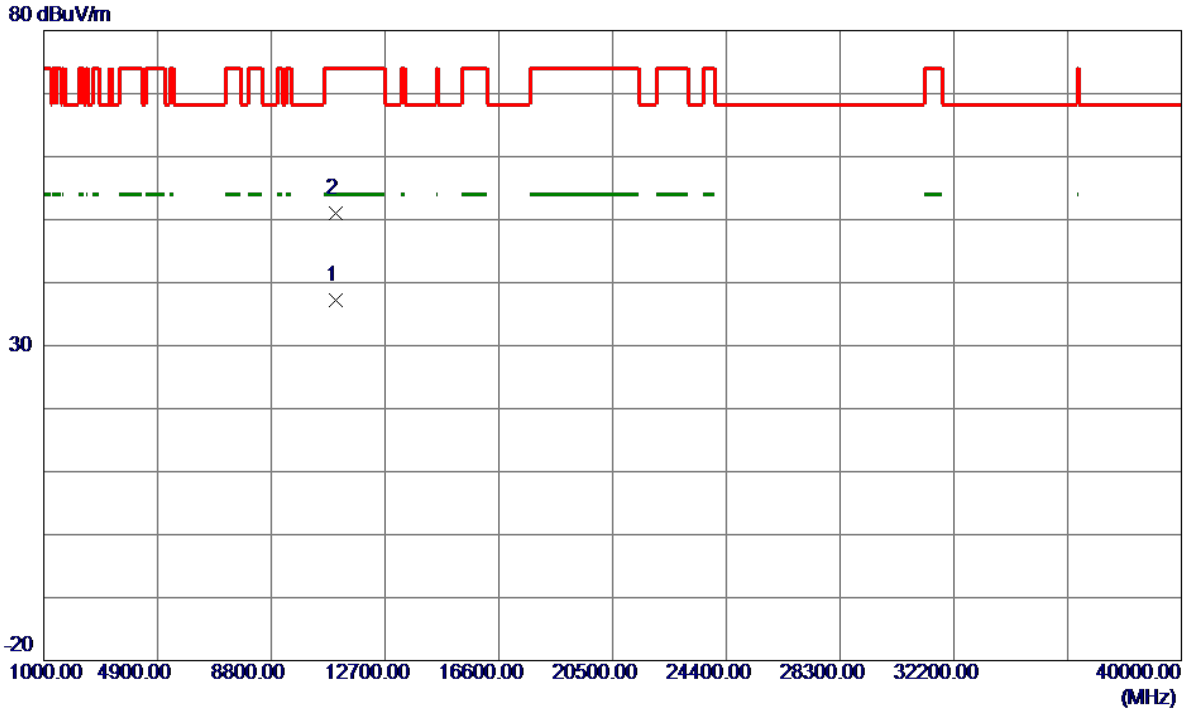
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5460.0000	36.53	17.53	54.06	74.00	-19.94	Peak	
2	5460.0000	28.09	17.53	45.62	54.00	-8.38	AVG	
3	5470.0000	46.40	17.55	63.95	68.30	-4.35	Peak	
4 *	5492.5000	86.99	17.62	104.61	68.30	36.31	Peak	No Limit
5	5494.9000	78.09	17.63	95.72	999.00	-903.28	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5500MHz

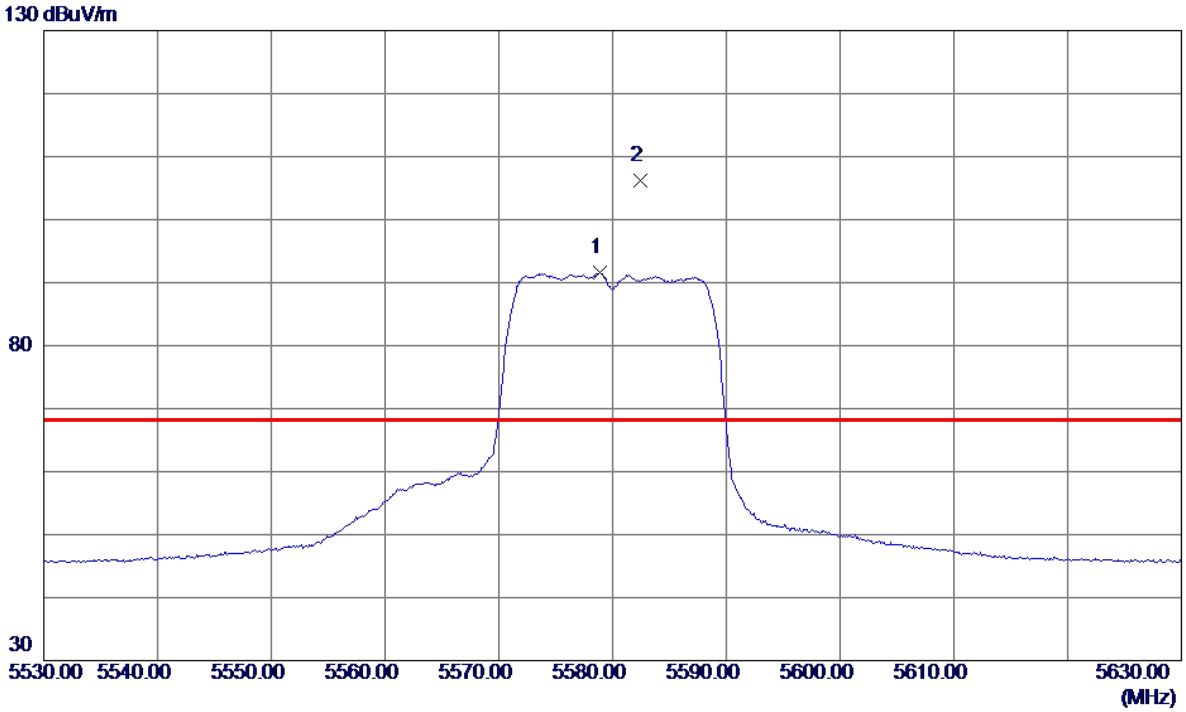
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11002.0000	21.78	15.43	37.21	54.00	-16.79	AVG	
2	11003.2000	35.49	15.43	50.92	74.00	-23.08	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

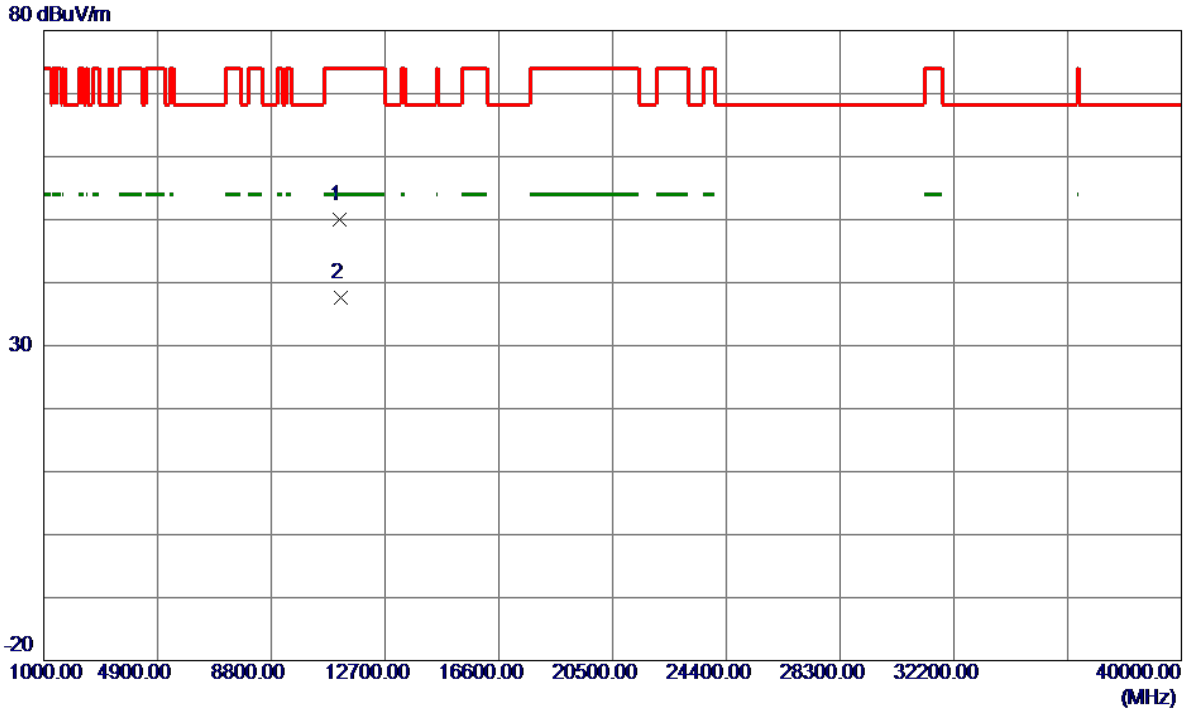
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5578.9000	73.61	17.92	91.53	999.00	-907.47	AVG	No Limit
2 *	5582.4000	88.26	17.93	106.19	68.30	37.89	Peak	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

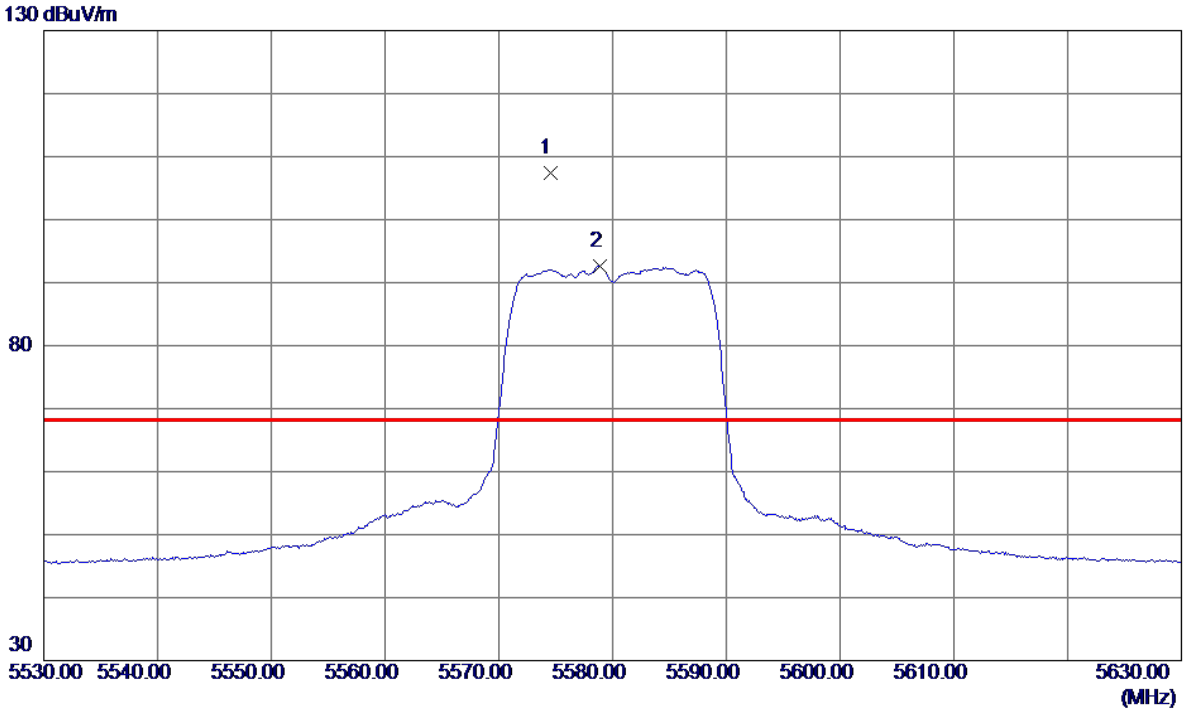
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11136.7000	34.47	15.57	50.04	74.00	-23.96	Peak	
2 *	11163.9000	21.93	15.60	37.53	54.00	-16.47	AVG	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

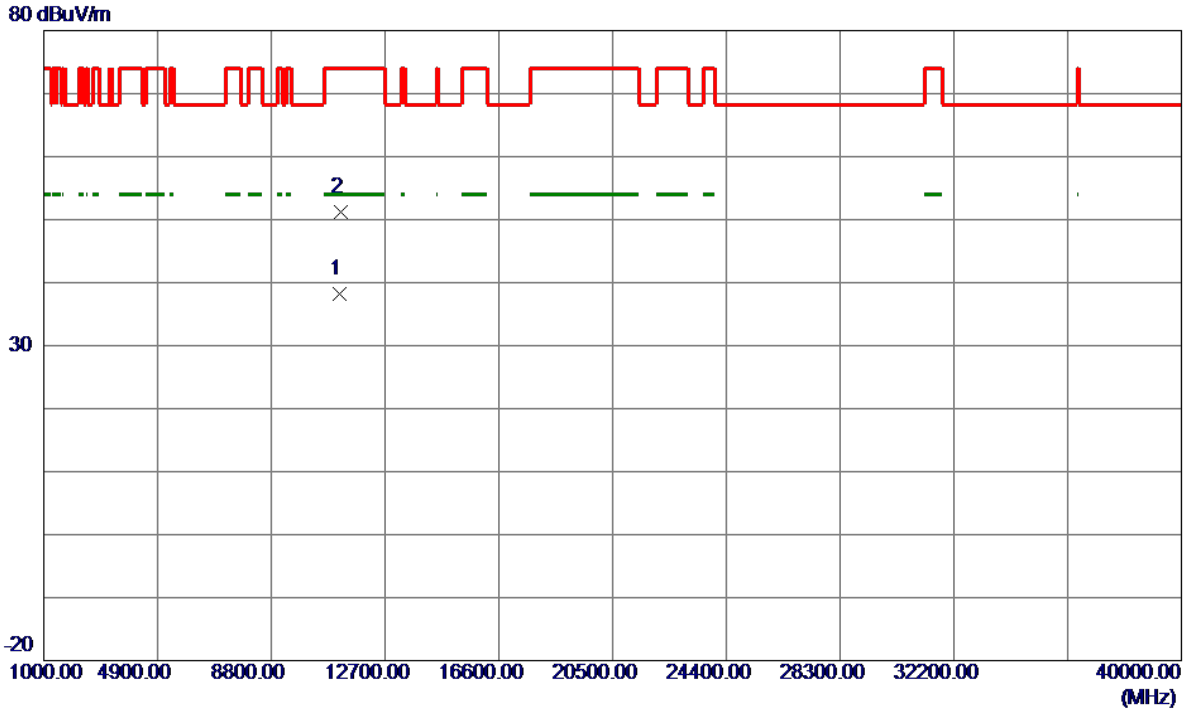
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5574.5000	89.51	17.90	107.41	68.30	39.11	Peak	No Limit
2	5578.9000	74.70	17.92	92.62	999.00	-906.38	AVG	No Limit

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5580MHz

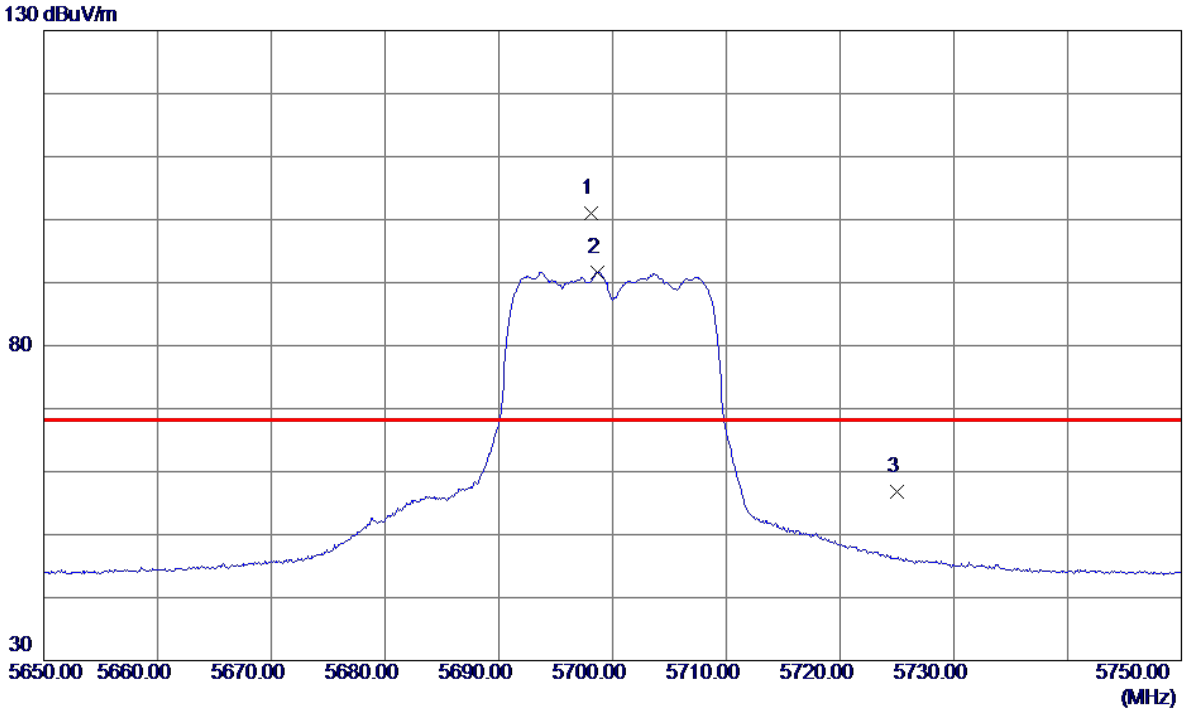
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11158.4500	22.62	15.60	38.22	54.00	-15.78	AVG	
2	11161.7000	35.65	15.60	51.25	74.00	-22.75	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 Mode 5700MHz

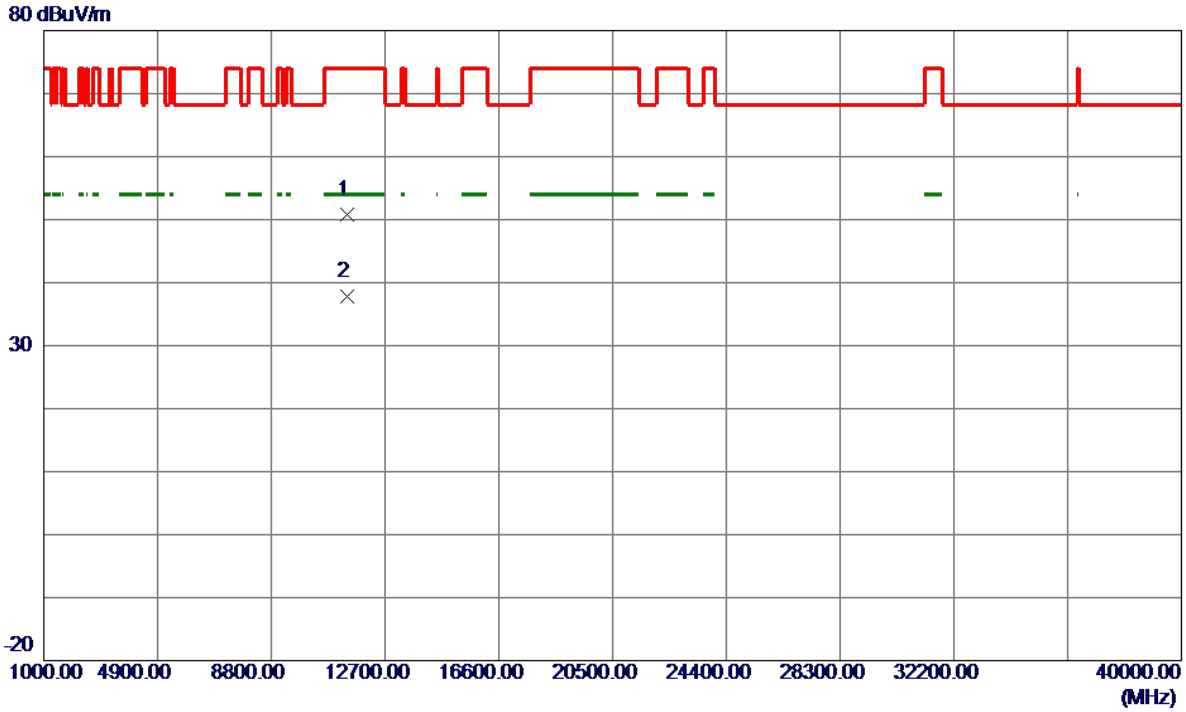
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5698.1000	82.59	18.34	100.93	68.30	32.63	Peak	No Limit
2	5698.7000	73.32	18.34	91.66	999.00	-907.34	AVG	No Limit
3	5725.0000	38.33	18.44	56.77	68.30	-11.53	Peak	

Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX AC20 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	11381.4000	35.03	15.83	50.86	74.00	-23.14	Peak	
2 *	11403.4500	22.02	15.85	37.87	54.00	-16.13	AVG	