FCC Radio Test Report

FCC ID: OGX-A3105A

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

Project No.	:	1711C035
Equipment	:	Android Box
Test Model	:	A3105A
Series Model	:	N/A
Applicant	:	Guangzhou Shiyuan Electronics Co., Ltd
Address	:	NO.6 Fourth Yunpu Road, Huangpu District, Guangzhou

Date of Receipt	:	Nov. 07, 2017
Date of Test	:	Nov. 07, 2017 ~ Nov. 27, 2017
Issued Date	:	Nov. 28, 2017
Tested by	:	BTL Inc.

Testing Engineer : Jivey.Jiang
(Jivey Jiang)

Technical Manager : shawn xiao
(Shawn Xiao)

Authorized Signatory : David Mao
(David Mao)

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NVLAP Lab Code: 200788-0

Declaration

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

Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1711C035	Original Issue.	Nov. 28, 2017

1. CERTIFICATION

Equipment	:	Android Box
Brand Name	:	N/A
Test Model	:	A3105A
Series Model	:	N/A
Applicant	:	Guangzhou Shiyuan Electronics Co., Ltd
Manufacturer	:	Guangzhou Shiyuan Electronics Co., Ltd
Address	:	NO.6 Fourth Yunpu Road, Huangpu District, Guangzhou
Factory	:	Huizhou Champion Asia Digital Technology Co,Ltd
Address	:	SanDong Town Digital Industry Park No 25,Huizhou City, Guangdong Province, China
Date of Test	:	Nov. 07, 2017 ~ Nov. 27, 2017
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-4-1711C035) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Test results included in this report is only for the RLAN 5G band 1+4 part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

2.2 MEASUREMENT UNCERTAINTY

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

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Android Box		
Brand Name	N/A		
Test Model	A3105A		
Series Model	N/A		
Model Difference	N/A		
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz	
	Modulation Type	OFDM	
	Bit Rate of Transmitter	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 150 Mbps 802.11ac up to 433 Mbps	
Power Source	DC voltage supplied from AC/DC adapter. Brand/ Model: FLYPOWER / PS12F120K1000UD		
Power Rating	I/P: AC 100-240V 50/60Hz 0.35A O/P: DC 12V 1000mA		
Output Power	Output Power (Max.)for UNII-1	802.11a: 18.20dBm 802.11n (20M): 18.23dBm 802.11n (40M): 17.77dBm 802.11ac (20M): 18.31dBm 802.11ac (40M): 17.70dBm 802.11ac (80M): 11.84dBm	
	Output Power (Max.)for UNII-3	802.11a: 18.59dBm 802.11n (20M): 18.58dBm 802.11n (40M): 18.11dBm 802.11ac (20M): 18.53dBm 802.11ac (40M): 18.05dBm 802.11ac (80M): 17.73dBm	

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		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	3

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)
Mode 13	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

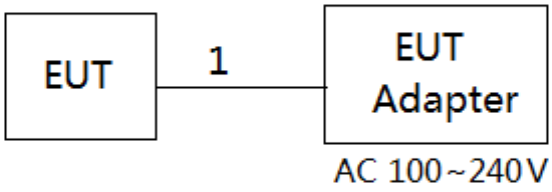
UNII-1			
Test Software Version	RF Test Tool		
Frequency (MHz)	5180	5200	5240
A Mode	65	64	64
Frequency (MHz)	5180	5200	5240
N20 Mode	63	64	64
Frequency (MHz)	5190	5230	
N40 Mode	52	64	

UNII-3			
Test Software Version	RF Test Tool		
Frequency (MHz)	5745	5785	5825
A Mode	64	64	64
Frequency (MHz)	5745	5785	5825
N20 Mode	64	64	64
Frequency (MHz)	5755	5795	
N40 Mode	64	64	

UNII-1			
Test Software Version	RF Test Tool		
Frequency (MHz)	5180	5200	5240
AC20 Mode	63	64	64
Frequency (MHz)	5190	5230	
AC40 Mode	52	64	
Frequency (MHz)	5210		
AC80 Mode	52		

UNII-3			
Test Software Version	RF Test Tool		
Frequency (MHz)	5745	5785	5825
AC20 Mode	64	64	64
Frequency (MHz)	5755	5795	
AC40 Mode	64	64	
Frequency (MHz)	5775		
AC80 Mode	64		

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.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	DC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

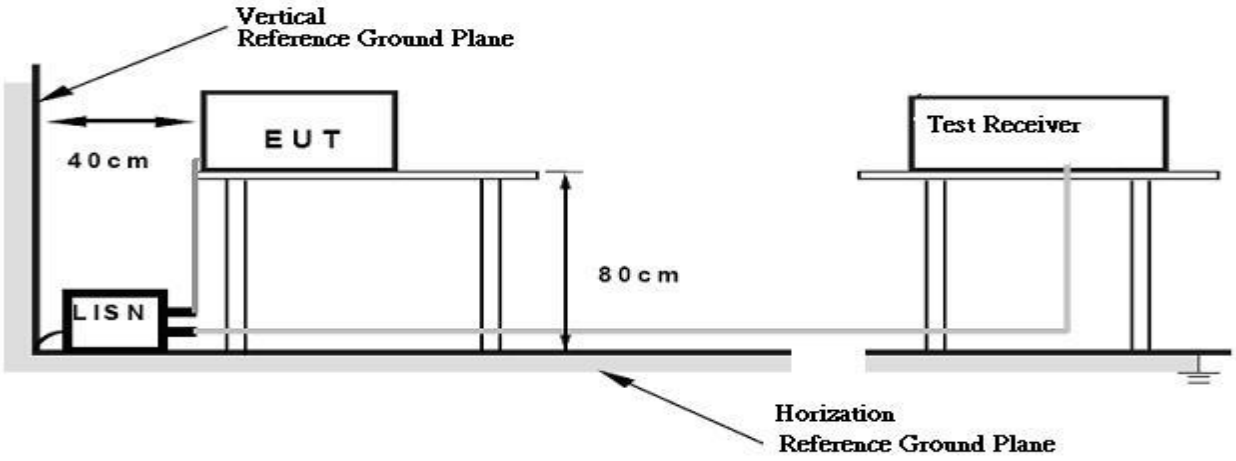
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
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

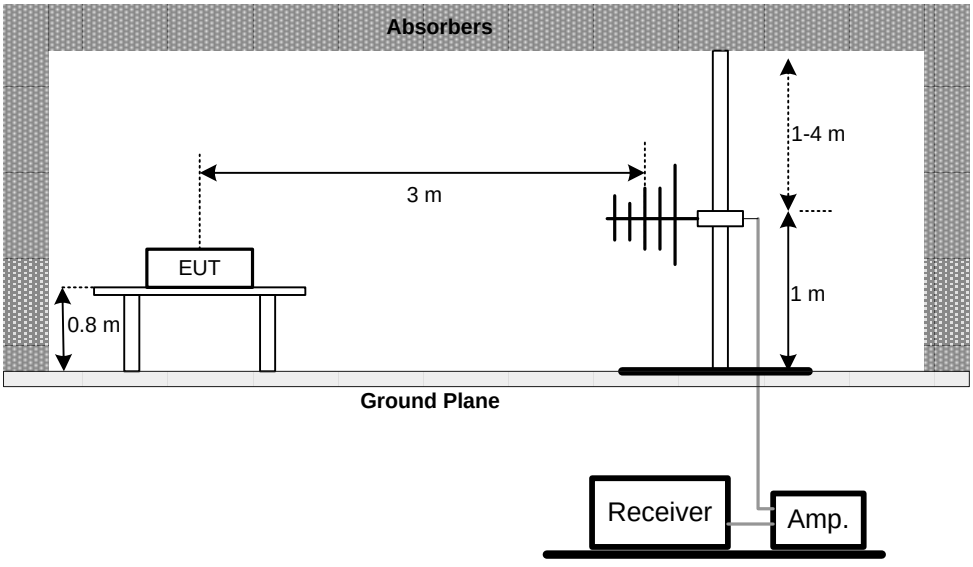
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

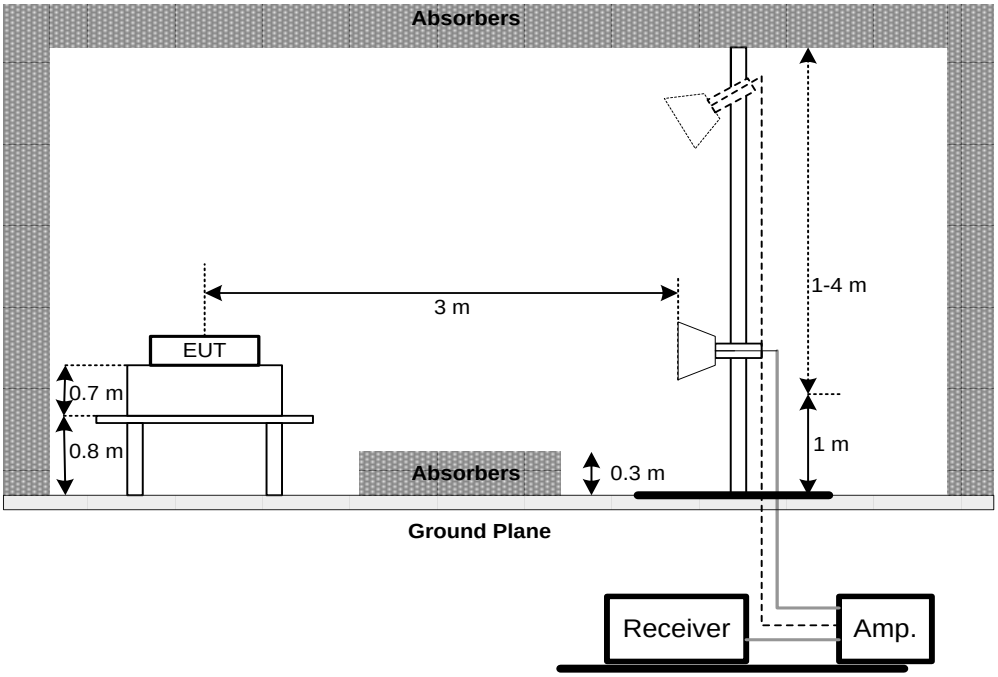
No deviation

4.2.4 TEST SETUP

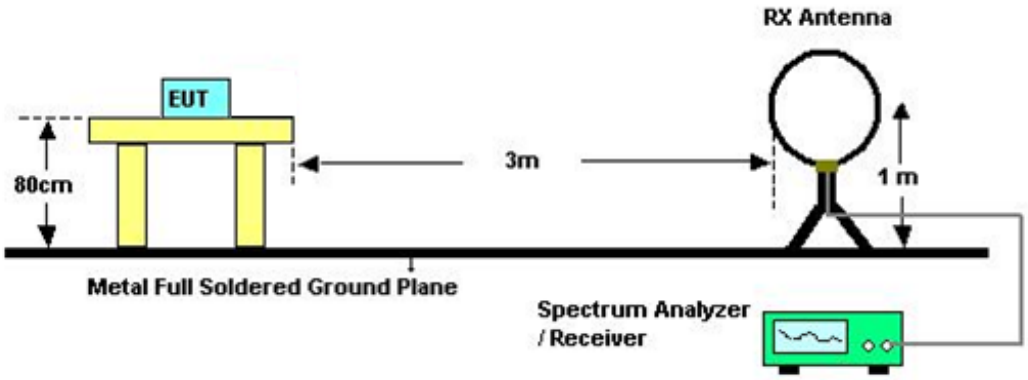
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(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 (9 KHz TO 30 MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (30 MHz TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

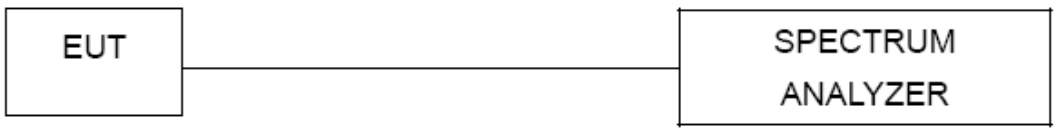
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

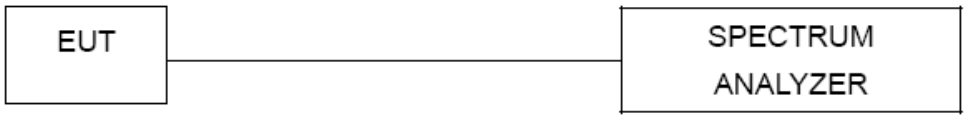
Note:

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

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

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

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

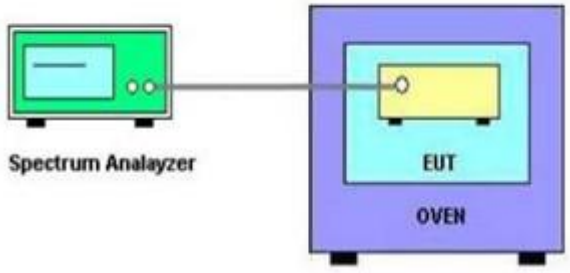
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

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

Radiated Emission Measurement - Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Aug. 20, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 20, 2018

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

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

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

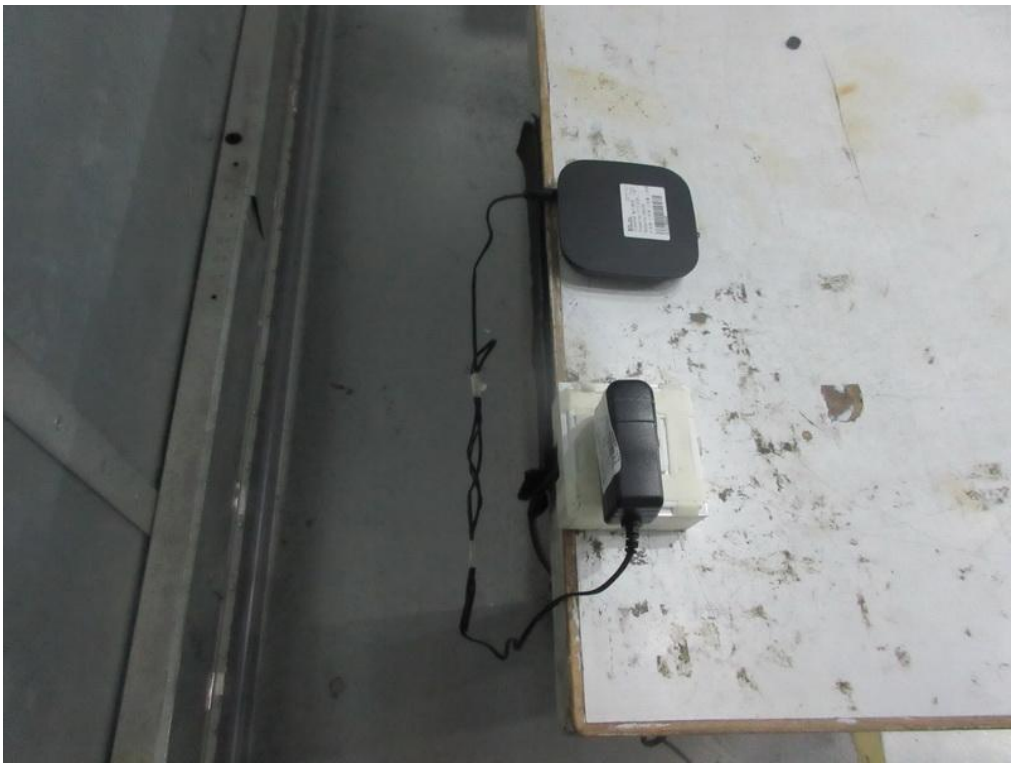
Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

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

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

10. EUT TEST PHOTOS

Conducted Measurement Photos

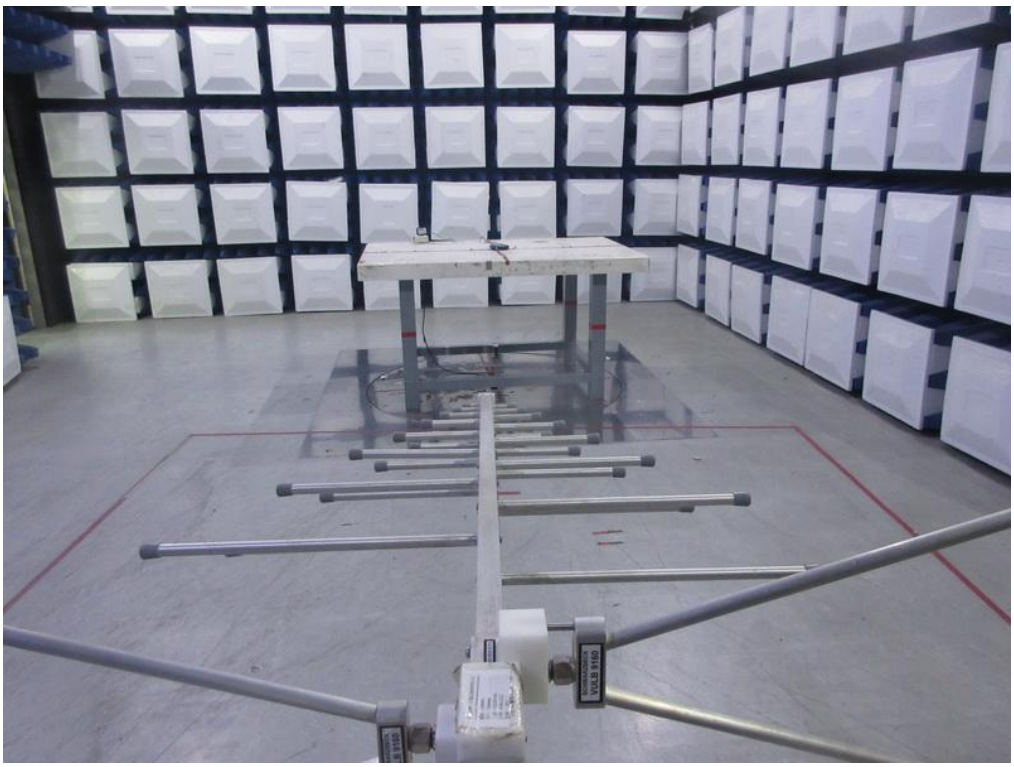


Radiated Measurement Photos

9KHz to 30MHz

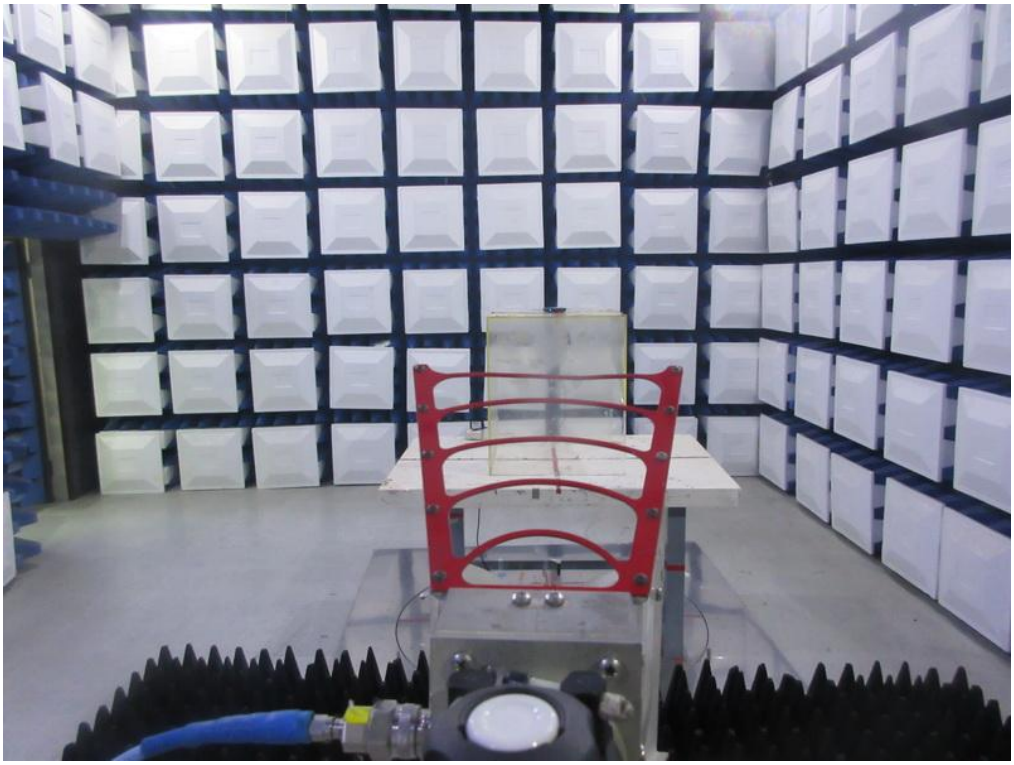
Radiated Measurement Photos

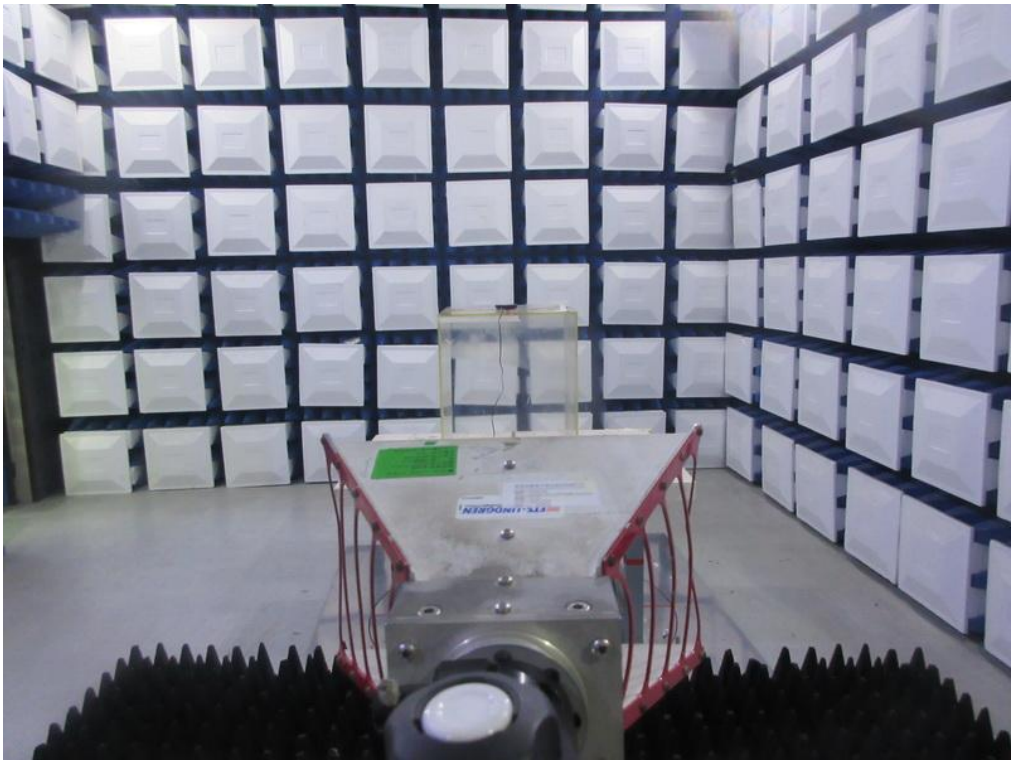
30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz

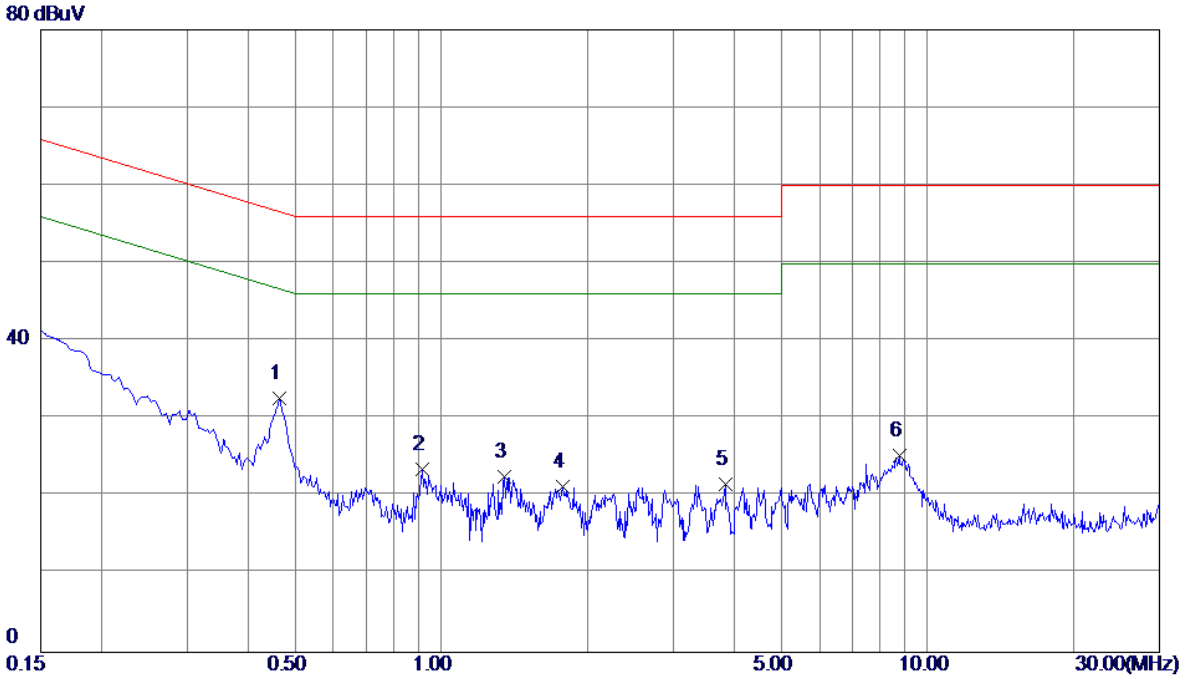




APPENDIX A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

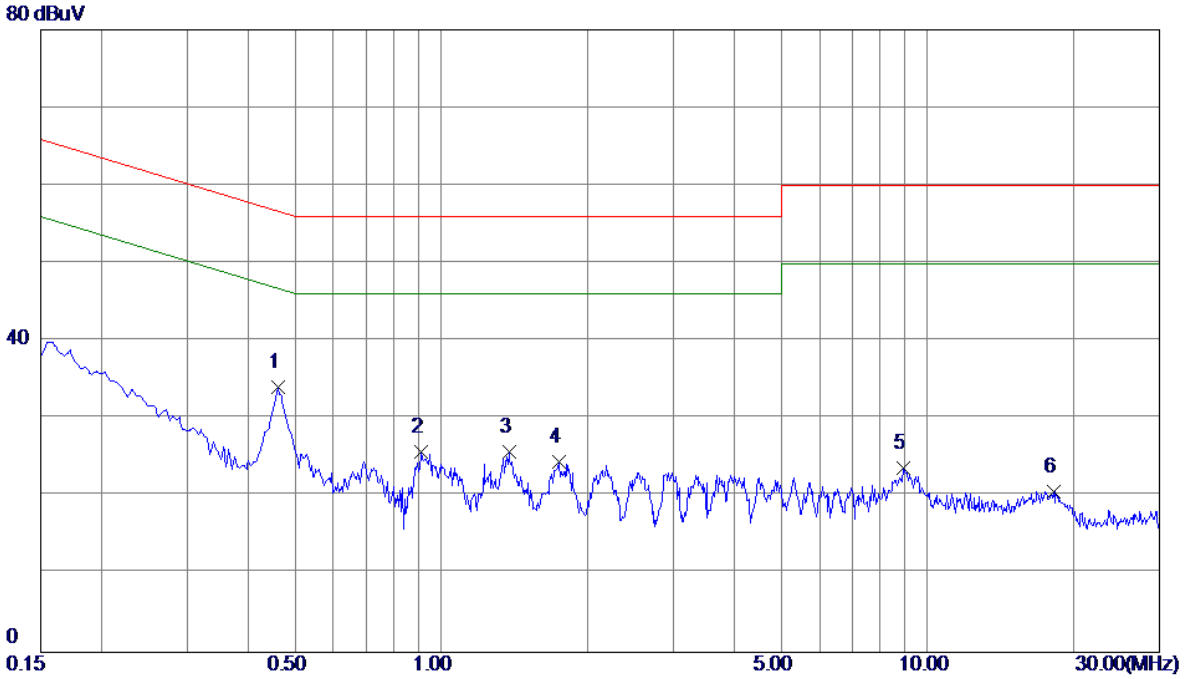


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.4650	22.85	9.80	32.65	56.60	-23.95	Peak	
2	0.9150	13.64	9.85	23.49	56.00	-32.51	Peak	
3	1.3515	12.70	9.89	22.59	56.00	-33.41	Peak	
4	1.7790	11.34	9.91	21.25	56.00	-34.75	Peak	
5	3.8355	11.55	10.02	21.57	56.00	-34.43	Peak	
6	8.7450	15.03	10.26	25.29	60.00	-34.71	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



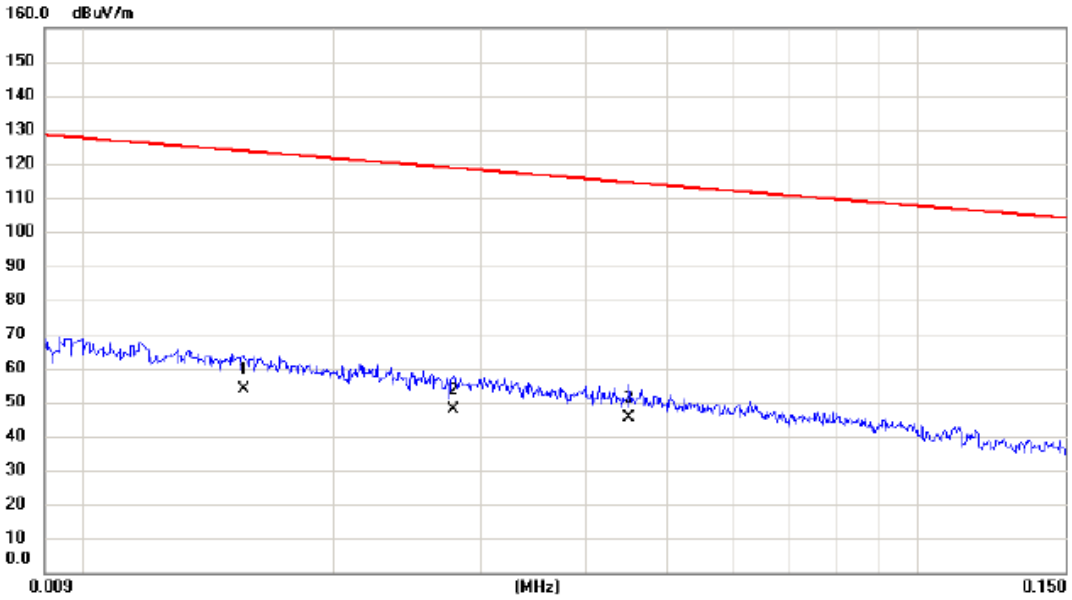
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0.4605	24.39	9.69	34.08	56.68	-22.60	Peak	
2	0.9105	15.98	9.74	25.72	56.00	-30.28	Peak	
3	1.3785	16.06	9.77	25.83	56.00	-30.17	Peak	
4	1.7430	14.68	9.82	24.50	56.00	-31.50	Peak	
5	8.9385	13.52	10.21	23.73	60.00	-36.27	Peak	
6	18.2220	10.00	10.71	20.71	60.00	-39.29	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX Mode

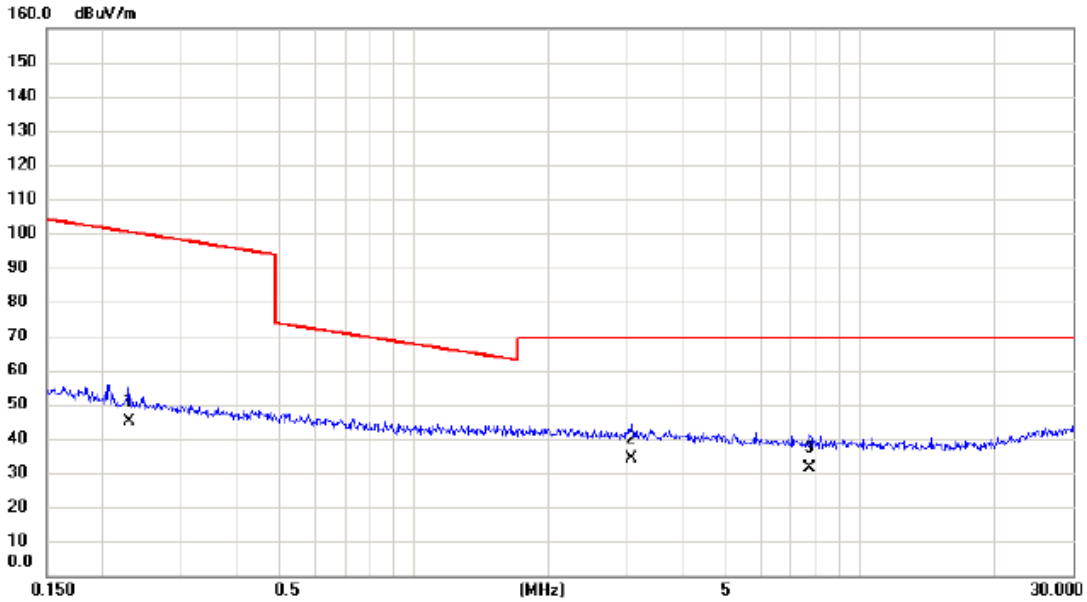
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0156	33.42	20.19	53.61	123.74	-70.13	AVG	
2		0.0278	28.36	19.39	47.75	118.72	-70.97	AVG	
3	*	0.0451	26.54	18.87	45.41	114.52	-69.11	AVG	

Test Mode:	TX Mode

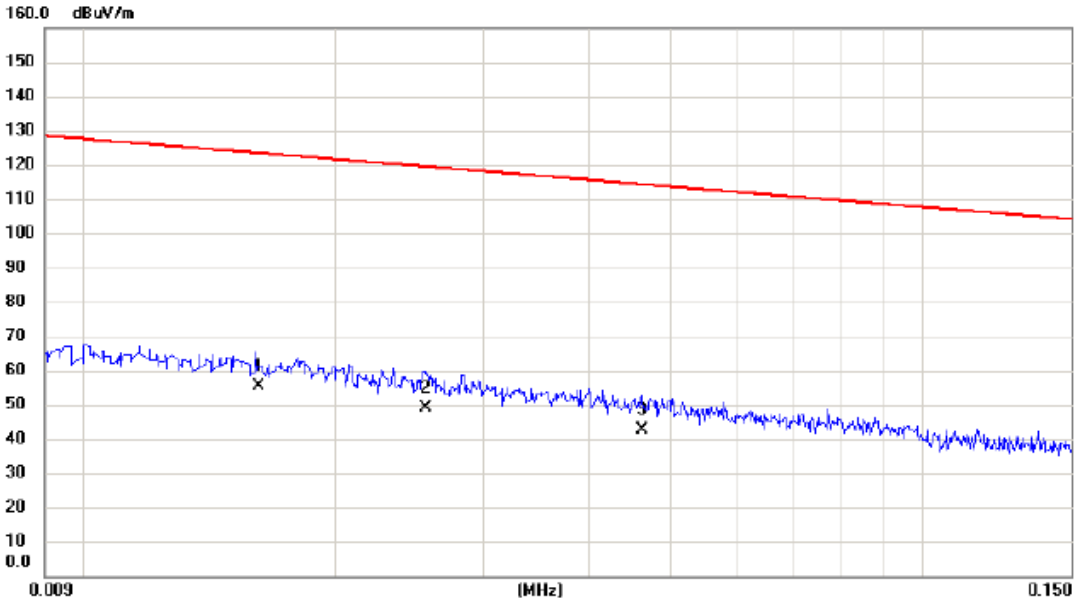
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2292	28.20	16.71	44.91	100.40	-55.49	AVG	
2	*	3.0738	18.80	15.21	34.01	69.54	-35.53	QP	
3		7.7278	17.24	14.03	31.27	69.54	-38.27	QP	

Test Mode:	TX Mode

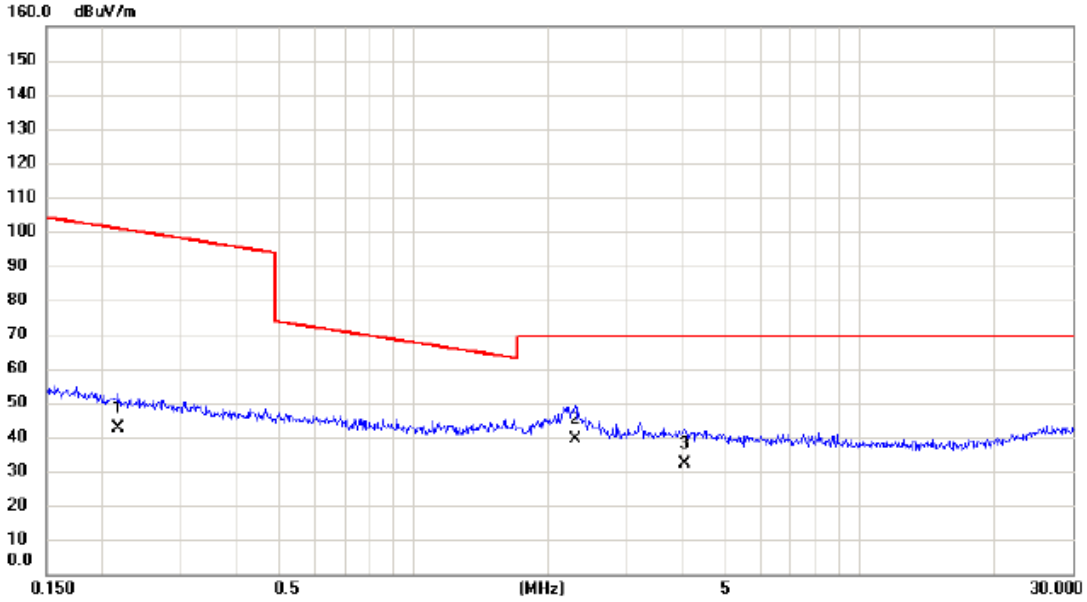
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0162	35.33	20.11	55.44	123.41	-67.97	AVG	
2		0.0256	29.57	19.45	49.02	119.44	-70.42	AVG	
3		0.0463	23.91	18.83	42.74	114.29	-71.55	AVG	

Test Mode:	TX Mode

Ant 90°

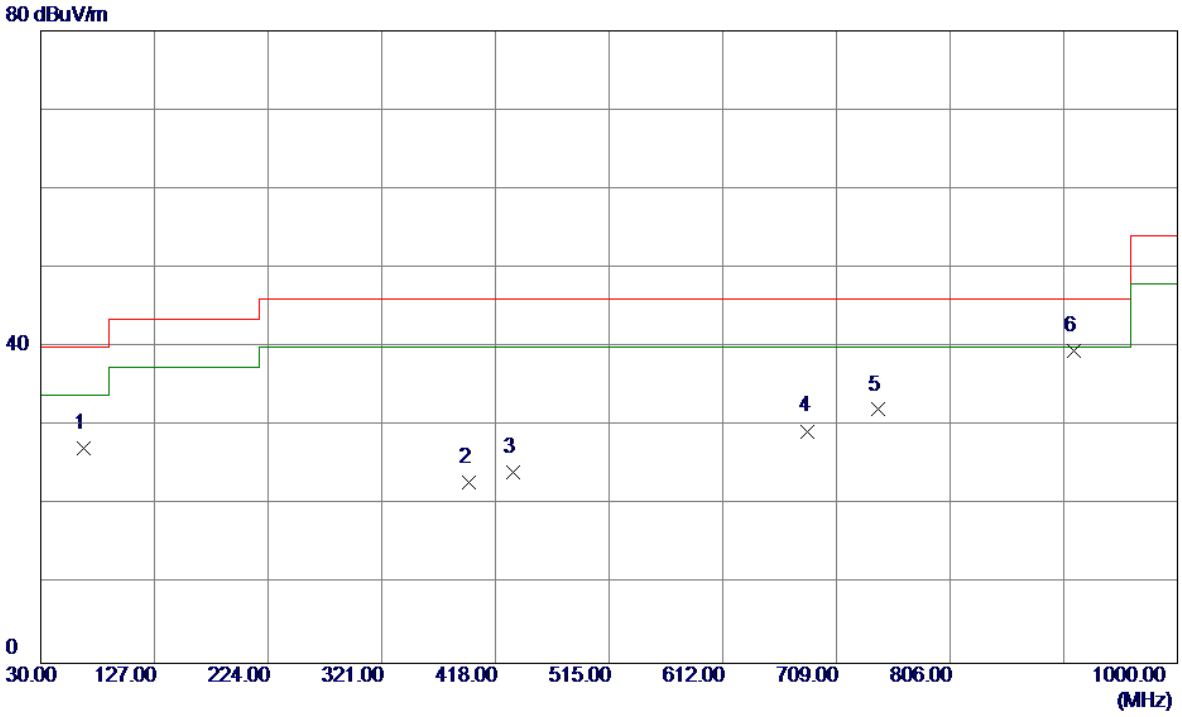


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2174	25.73	16.75	42.48	100.86	-58.38	AVG	
2	*	2.2968	24.09	15.43	39.52	69.54	-30.02	QP	
3		4.0490	17.16	14.92	32.08	69.54	-37.46	QP	

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

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

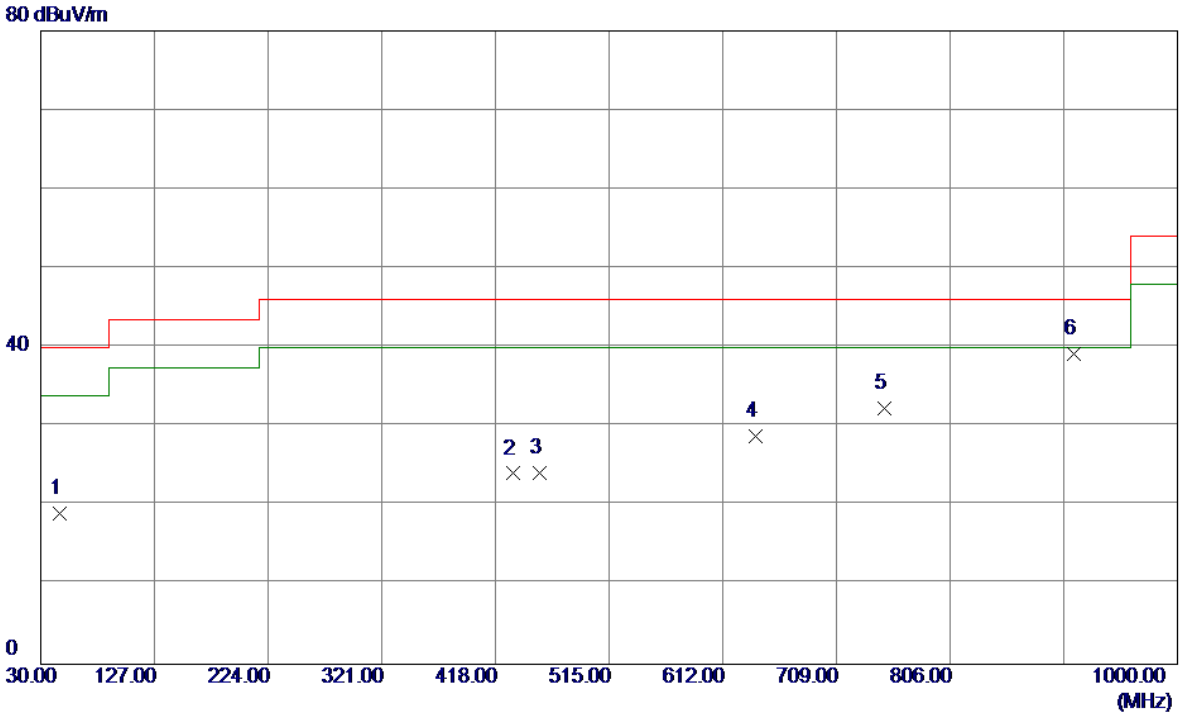
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	42.88	-15.67	27.21	40.00	-12.79	Peak	
2	395.6900	34.33	-11.41	22.92	46.00	-23.08	Peak	
3	433.5200	34.57	-10.41	24.16	46.00	-21.84	Peak	
4	684.7500	33.77	-4.41	29.36	46.00	-16.64	Peak	
5	744.8900	34.68	-2.60	32.08	46.00	-13.92	Peak	
6 *	911.7300	38.29	1.26	39.55	46.00	-6.45	Peak	

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

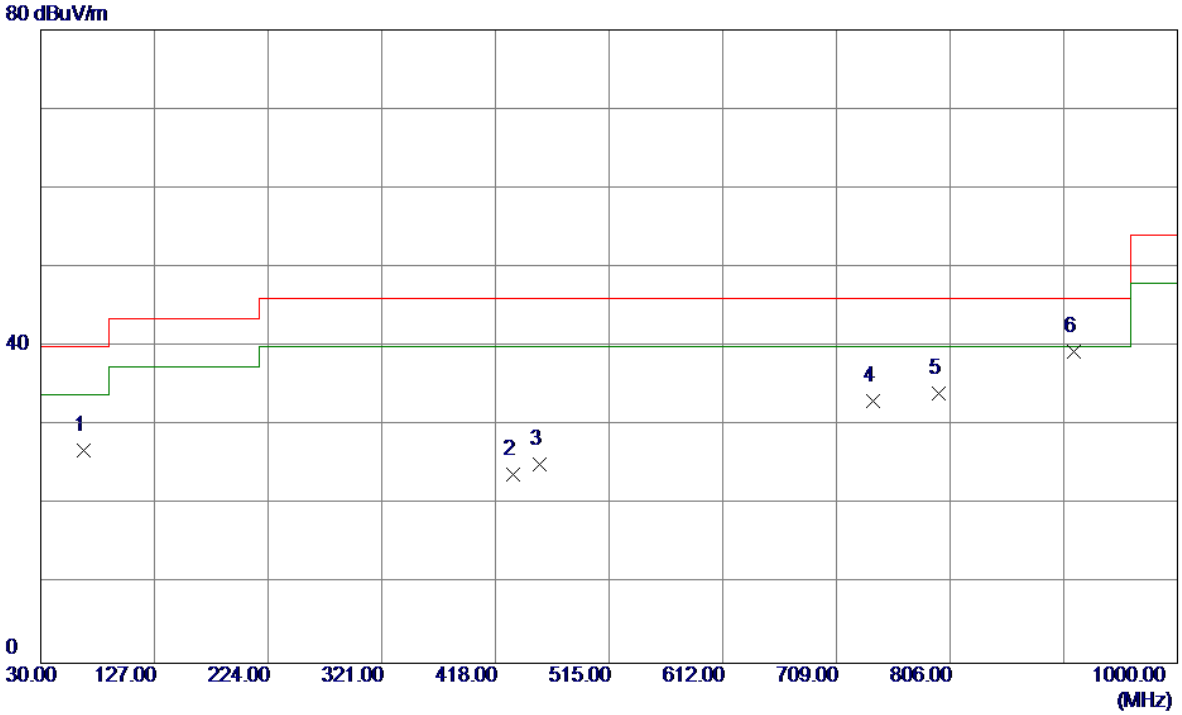
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	46.4900	32.08	-12.98	19.10	40.00	-20.90	Peak	
2	433.5200	34.49	-10.41	24.08	46.00	-21.92	Peak	
3	455.8300	33.90	-9.80	24.10	46.00	-21.90	Peak	
4	640.1300	34.49	-5.66	28.83	46.00	-17.17	Peak	
5	749.7400	34.79	-2.45	32.34	46.00	-13.66	Peak	
6 *	911.7300	37.87	1.26	39.13	46.00	-6.87	Peak	

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

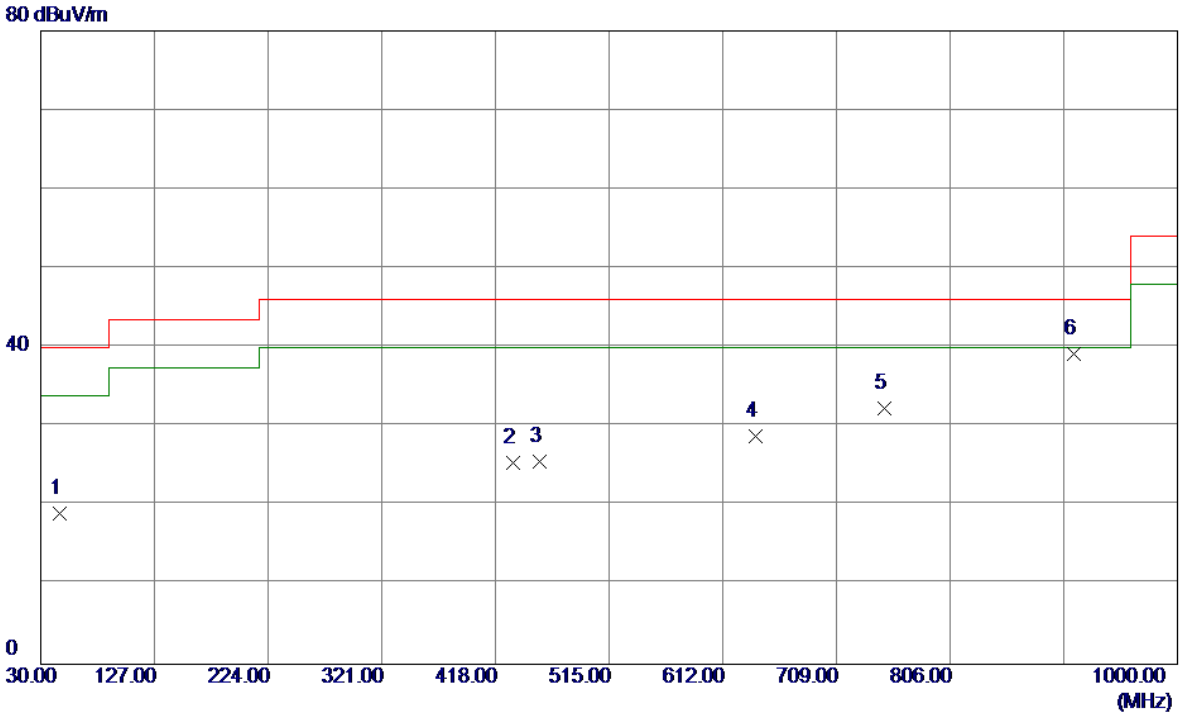
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	42.49	-15.67	26.82	40.00	-13.18	Peak	
2	433.5200	34.26	-10.41	23.85	46.00	-22.15	Peak	
3	455.8300	34.89	-9.80	25.09	46.00	-20.91	Peak	
4	740.0400	35.87	-2.74	33.13	46.00	-12.87	Peak	
5	796.3000	35.51	-1.44	34.07	46.00	-11.93	Peak	
6 *	911.7300	38.10	1.26	39.36	46.00	-6.64	Peak	

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

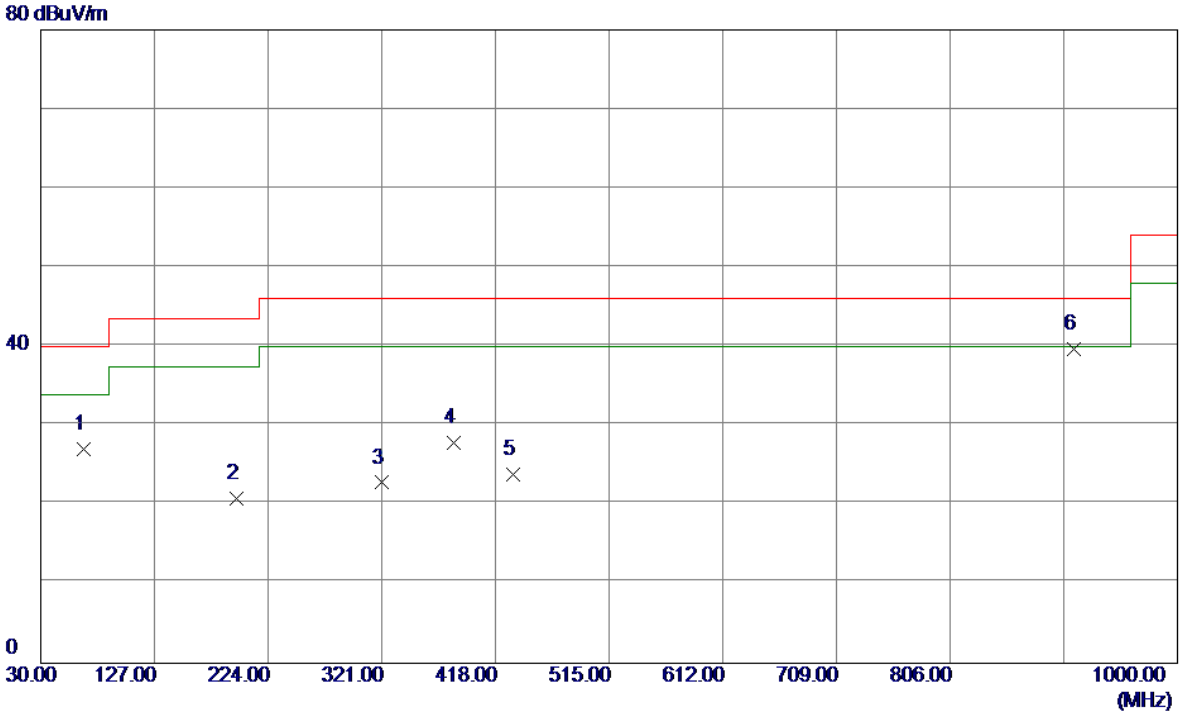
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	46.4900	32.08	-12.98	19.10	40.00	-20.90	Peak	
2	433.5200	35.86	-10.41	25.45	46.00	-20.55	Peak	
3	455.8300	35.43	-9.80	25.63	46.00	-20.37	Peak	
4	640.1300	34.49	-5.66	28.83	46.00	-17.17	Peak	
5	749.7400	34.79	-2.45	32.34	46.00	-13.66	Peak	
6 *	911.7300	37.87	1.26	39.13	46.00	-6.87	Peak	

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

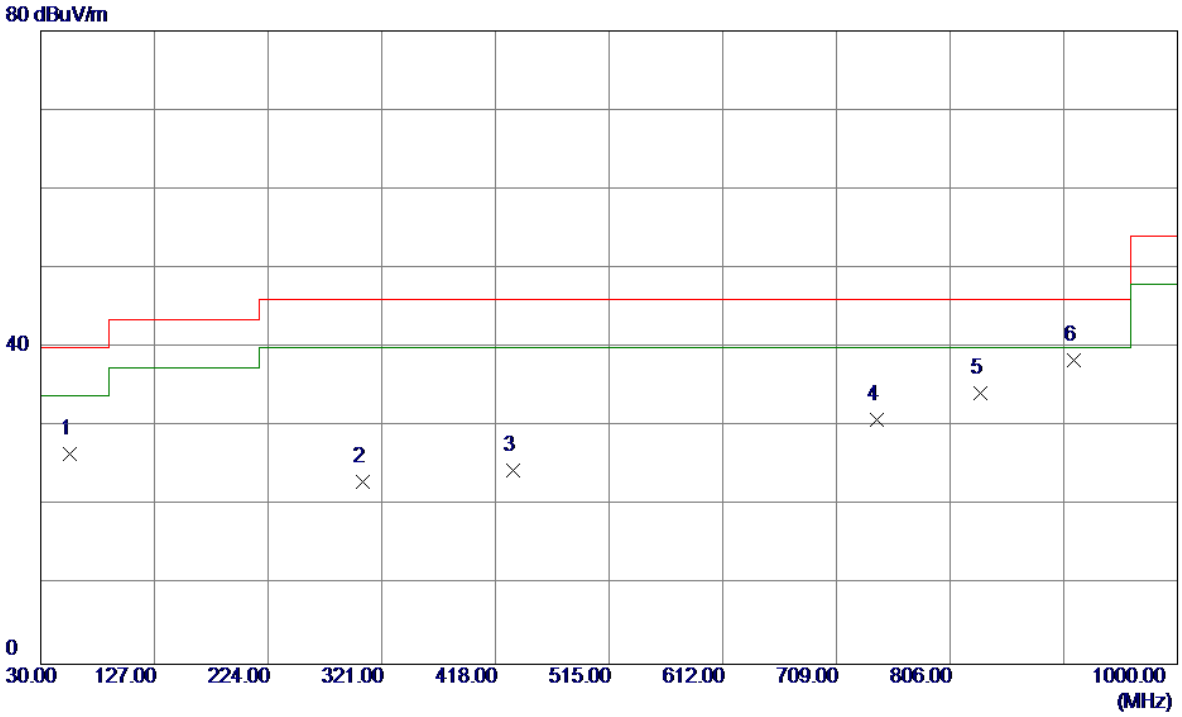
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	42.71	-15.67	27.04	40.00	-12.96	Peak	
2	196.8400	34.19	-13.46	20.73	43.50	-22.77	Peak	
3	321.0000	35.26	-12.46	22.80	46.00	-23.20	Peak	
4	382.1099	39.39	-11.57	27.82	46.00	-18.18	Peak	
5	433.5200	34.26	-10.41	23.85	46.00	-22.15	Peak	
6 *	911.7300	38.39	1.26	39.65	46.00	-6.35	Peak	

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

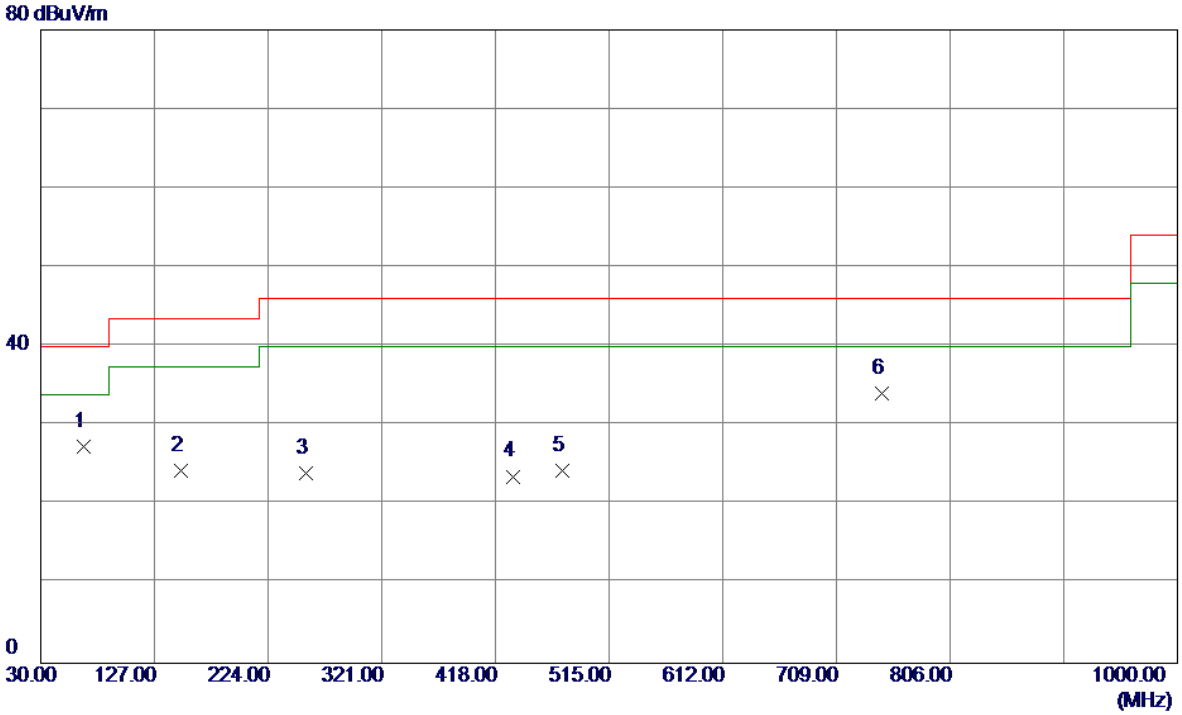
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	55.2200	40.55	-13.94	26.61	40.00	-13.39	Peak	
2	304.5100	35.80	-12.75	23.05	46.00	-22.95	Peak	
3	433.5200	34.89	-10.41	24.48	46.00	-21.52	Peak	
4	742.9500	33.47	-2.66	30.81	46.00	-15.19	Peak	
5	832.1900	34.69	-0.48	34.21	46.00	-11.79	Peak	
6 *	911.7300	37.17	1.26	38.43	46.00	-7.57	Peak	

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

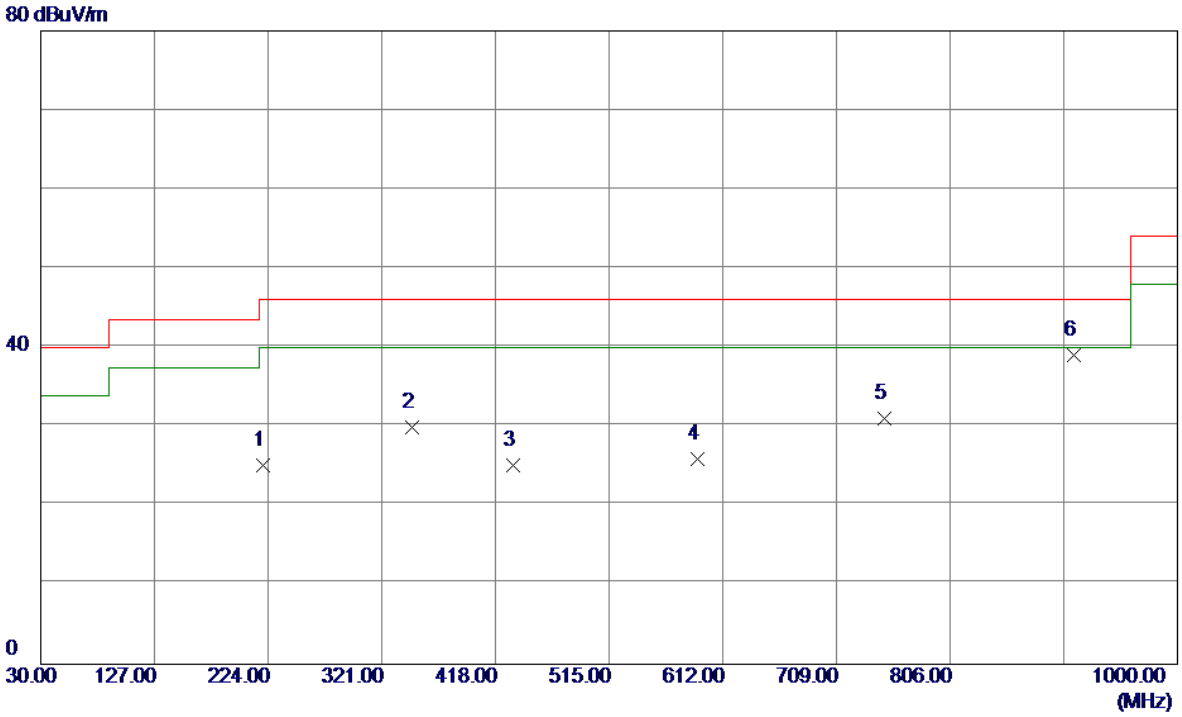
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	43.00	-15.67	27.33	40.00	-12.67	Peak	
2	149.3100	37.86	-13.57	24.29	43.50	-19.21	Peak	
3	256.0100	39.31	-15.38	23.93	46.00	-22.07	Peak	
4	433.5200	34.01	-10.41	23.60	46.00	-22.40	Peak	
5	475.2300	33.65	-9.32	24.33	46.00	-21.67	Peak	
6 *	747.8000	36.59	-2.51	34.08	46.00	-11.92	Peak	

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

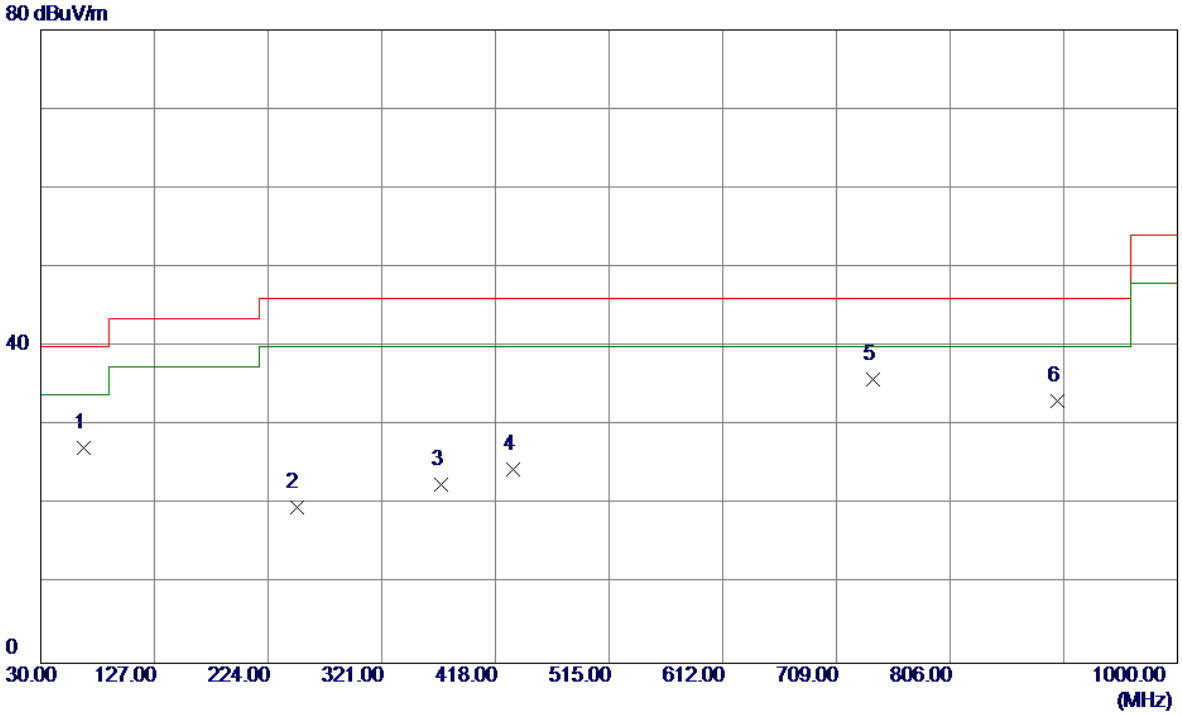
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	220.1200	39.01	-13.91	25.10	46.00	-20.90	Peak	
2	347.1900	41.94	-12.00	29.94	46.00	-16.06	Peak	
3	433.5200	35.48	-10.41	25.07	46.00	-20.93	Peak	
4	590.6599	32.59	-6.66	25.93	46.00	-20.07	Peak	
5	749.7400	33.42	-2.45	30.97	46.00	-15.03	Peak	
6 *	911.7300	37.72	1.26	38.98	46.00	-7.02	Peak	

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

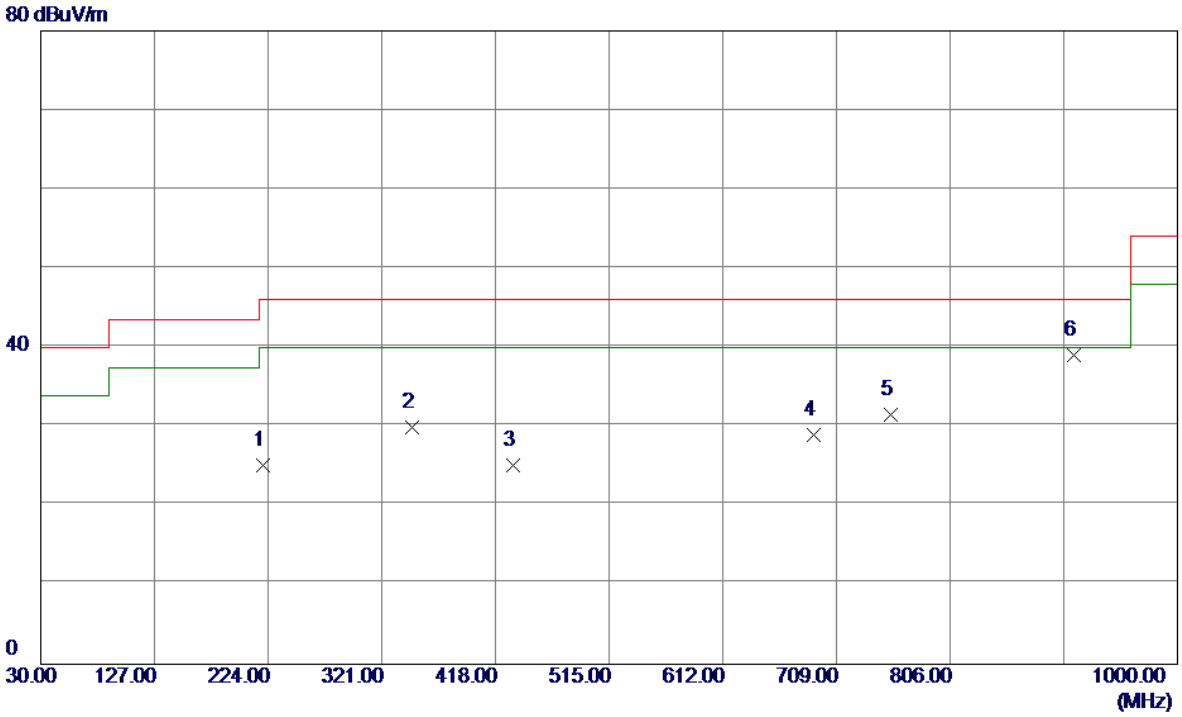
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	42.93	-15.67	27.26	40.00	-12.74	Peak	
2	248.2500	34.50	-14.79	19.71	46.00	-26.29	Peak	
3	371.4400	34.19	-11.70	22.49	46.00	-23.51	Peak	
4	433.5200	34.94	-10.41	24.53	46.00	-21.47	Peak	
5 *	740.0400	38.61	-2.74	35.87	46.00	-10.13	Peak	
6	897.1800	32.15	0.97	33.12	46.00	-12.88	Peak	

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

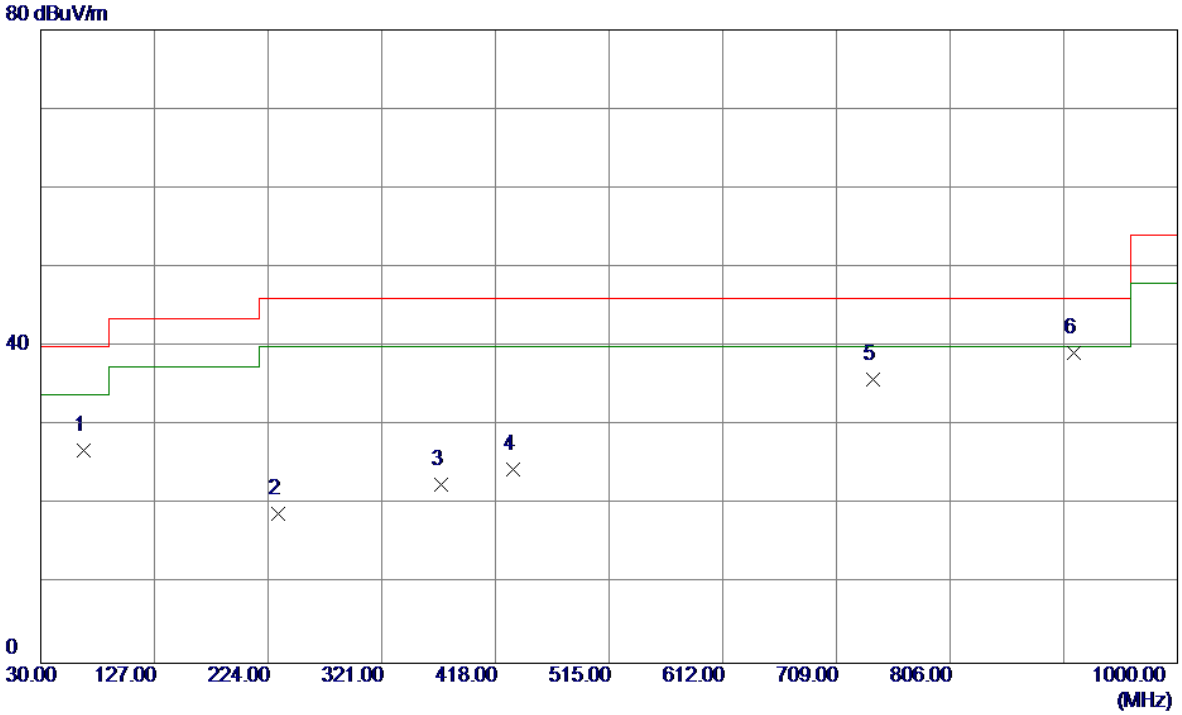
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	220.1200	39.01	-13.91	25.10	46.00	-20.90	Peak	
2	347.1900	41.94	-12.00	29.94	46.00	-16.06	Peak	
3	433.5200	35.48	-10.41	25.07	46.00	-20.93	Peak	
4	689.6000	33.21	-4.26	28.95	46.00	-17.05	Peak	
5	755.5600	33.82	-2.32	31.50	46.00	-14.50	Peak	
6 *	911.7300	37.72	1.26	38.98	46.00	-7.02	Peak	

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

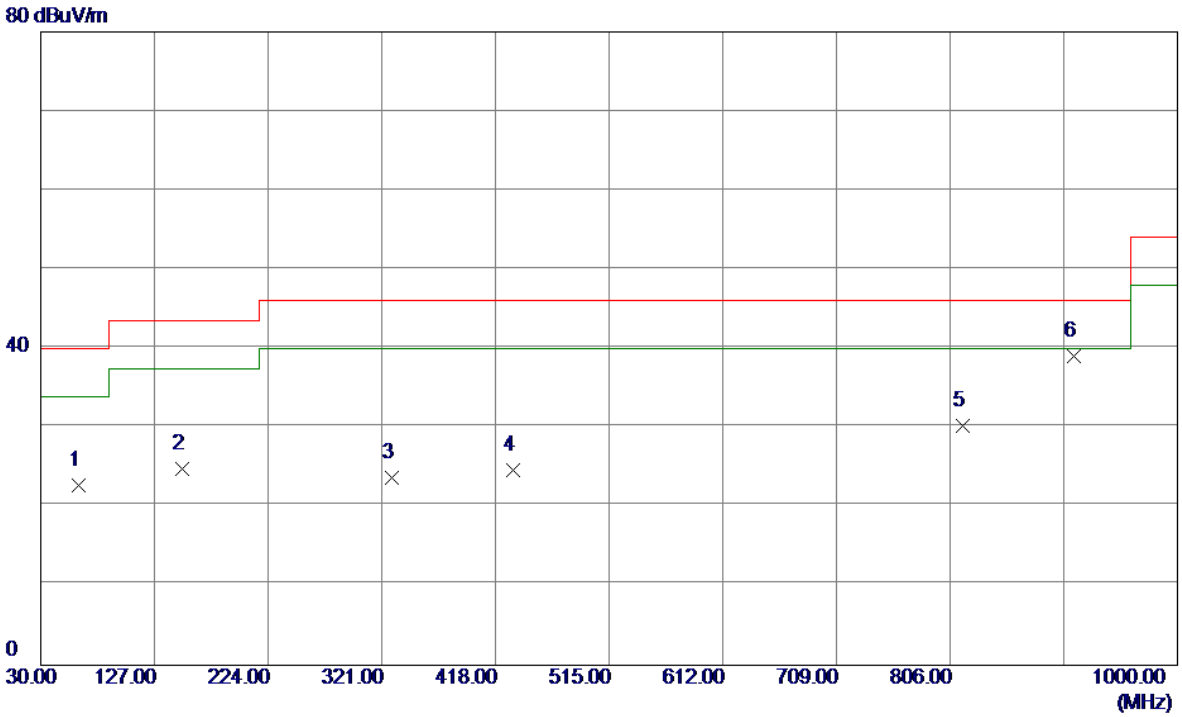
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	66.8600	42.62	-15.67	26.95	40.00	-13.05	Peak	
2	232.7300	33.15	-14.19	18.96	46.00	-27.04	Peak	
3	371.4400	34.19	-11.70	22.49	46.00	-23.51	Peak	
4	433.5200	34.94	-10.41	24.53	46.00	-21.47	Peak	
5	740.0400	38.61	-2.74	35.87	46.00	-10.13	Peak	
6 *	911.7300	37.93	1.26	39.19	46.00	-6.81	Peak	

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

Horizontal

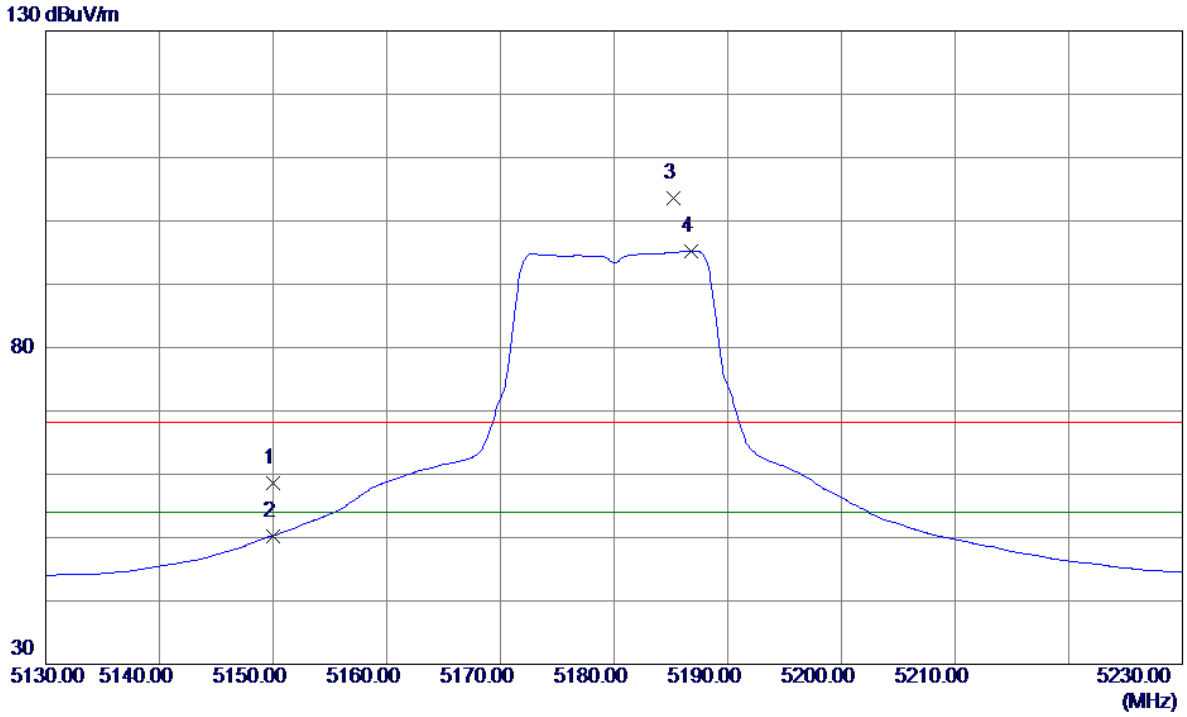


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	62.0100	37.43	-14.65	22.78	40.00	-17.22	Peak	
2	150.2800	38.39	-13.51	24.88	43.50	-18.62	Peak	
3	329.7300	35.99	-12.31	23.68	46.00	-22.32	Peak	
4	433.5200	35.12	-10.41	24.71	46.00	-21.29	Peak	
5	816.6700	31.19	-0.91	30.28	46.00	-15.72	Peak	
6 *	911.7300	37.84	1.26	39.10	46.00	-6.90	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

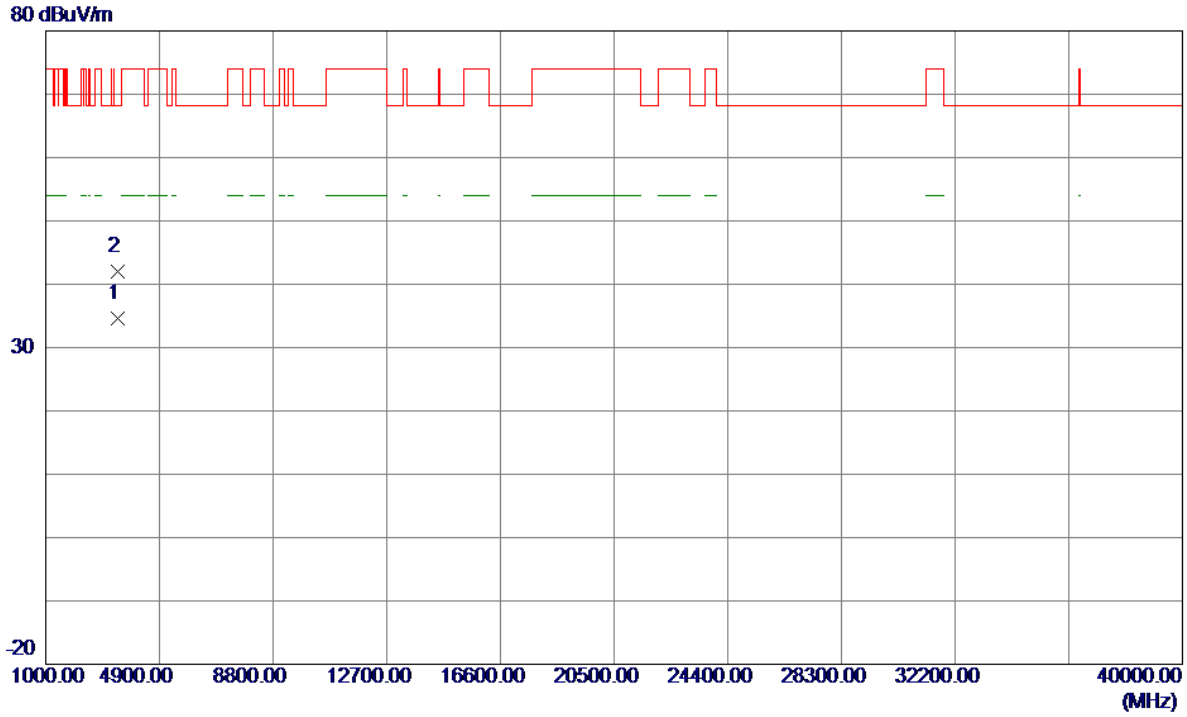
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	17.54	41.10	58.64	68.30	-9.66	Peak	
2	5150.0000	9.19	41.10	50.29	54.00	-3.71	AVG	
3	5185.2000	62.29	41.28	103.57	68.30	35.27	Peak	No Limit
4 *	5186.8000	53.94	41.29	95.23	54.00	41.23	AVG	No Limit

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

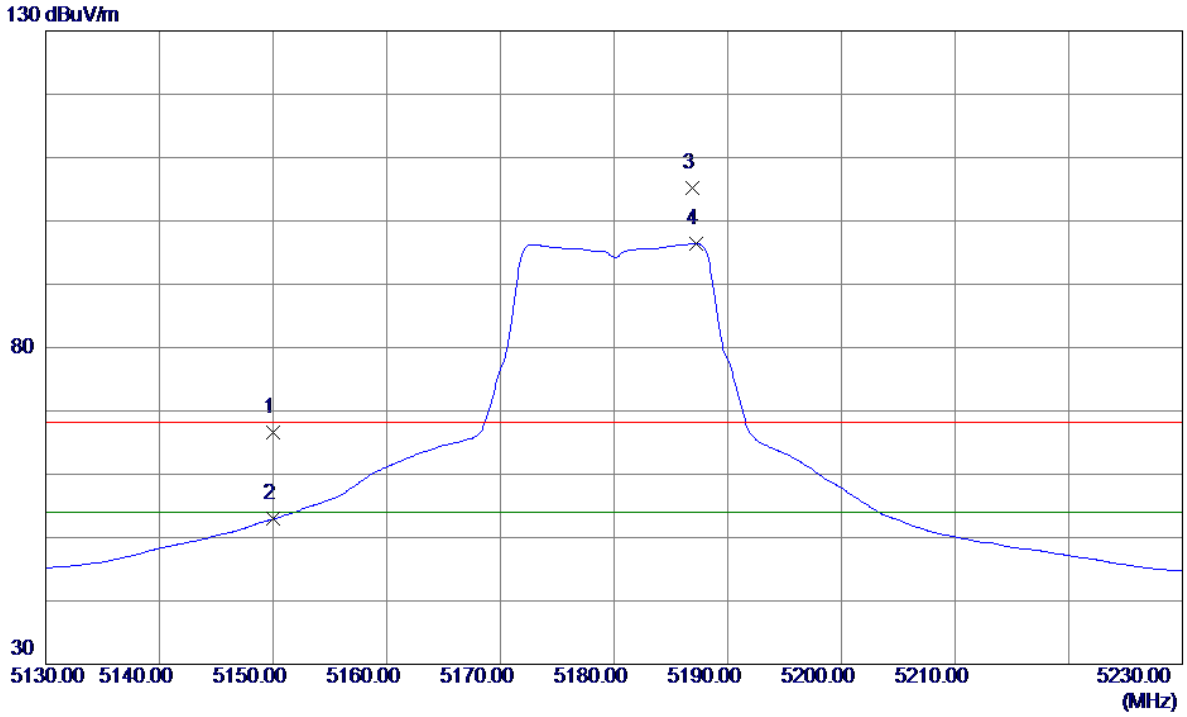
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3453.2610	31.97	2.61	34.58	68.30	-33.72	Peak	
2 *	3453.5450	39.48	2.61	42.09	68.30	-26.21	Peak	

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

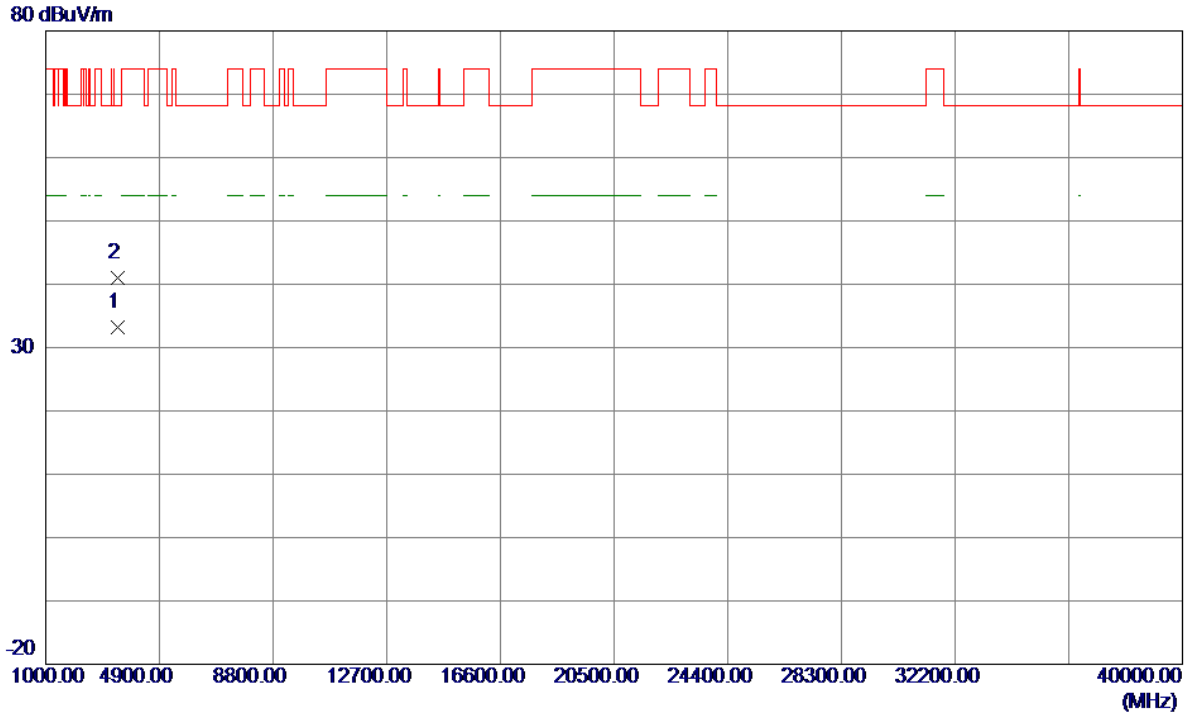
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.55	41.10	66.65	68.30	-1.65	Peak	
2	5150.0000	11.81	41.10	52.91	54.00	-1.09	AVG	
3	5186.9000	63.88	41.29	105.17	68.30	36.87	Peak	No Limit
4 *	5187.2000	55.10	41.29	96.39	54.00	42.39	AVG	No Limit

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

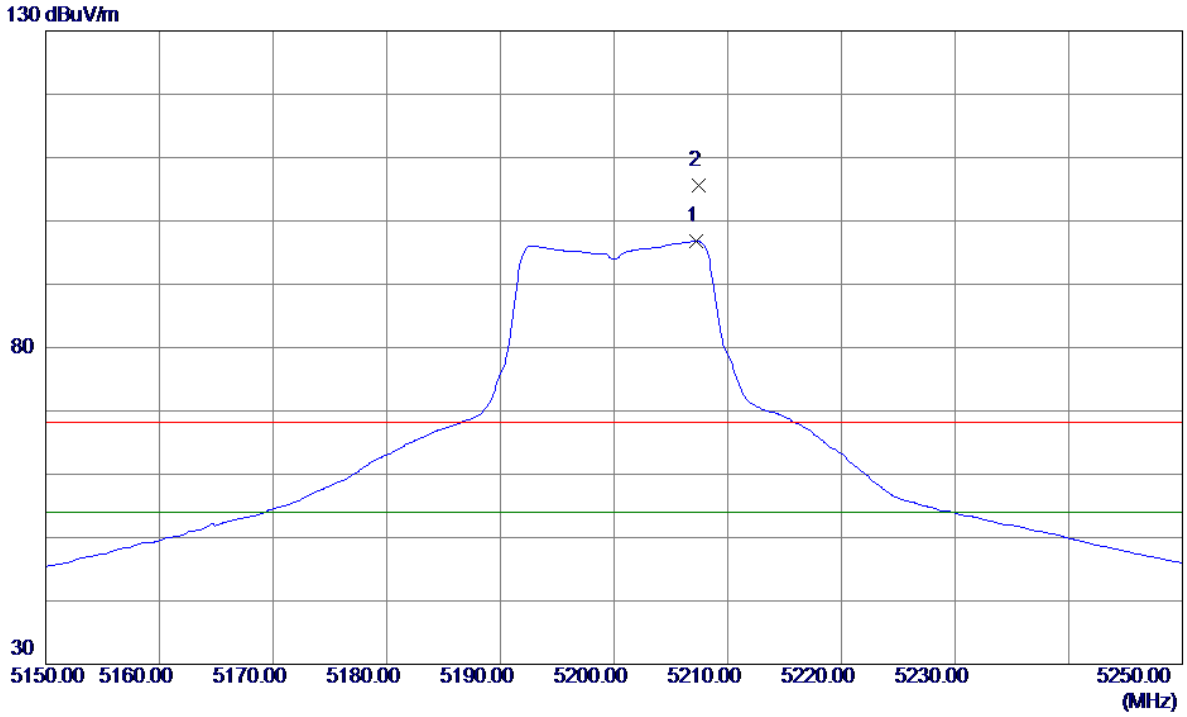
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3453.3530	30.66	2.61	33.27	999.00	-965.73	AVG	
2 *	3453.3710	38.43	2.61	41.04	68.30	-27.26	Peak	

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

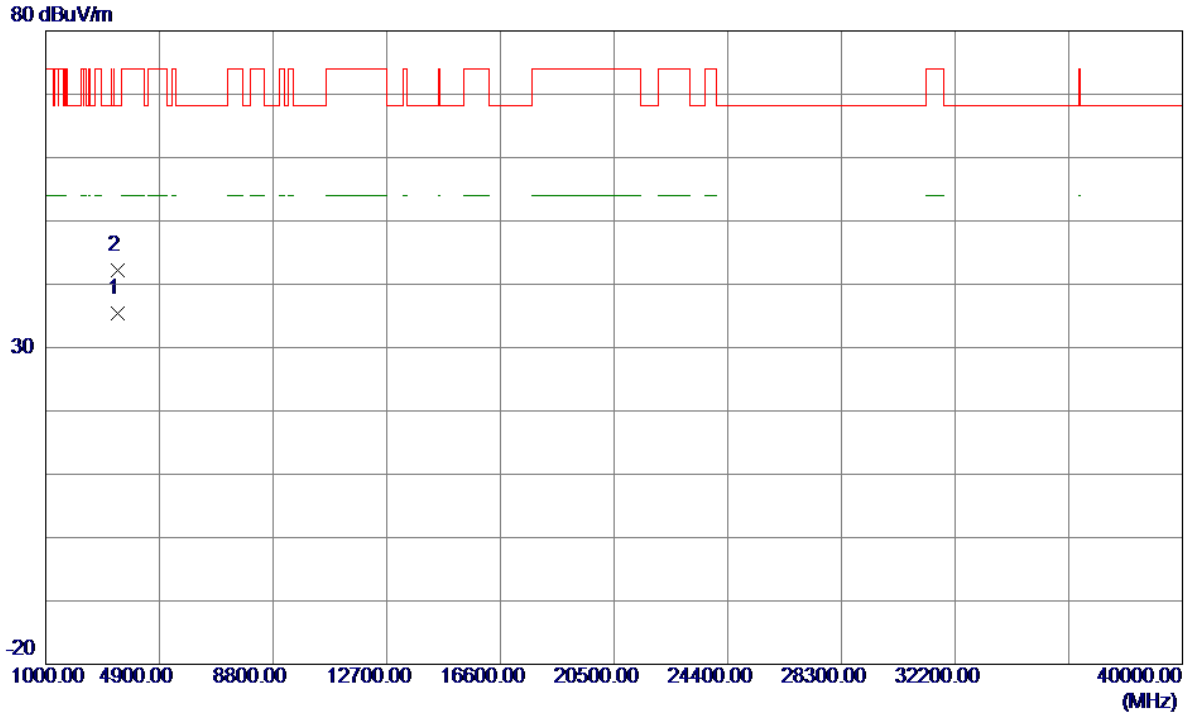
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5207.2000	55.37	41.39	96.76	54.00	42.76	AVG	No Limit
2	5207.4000	64.13	41.39	105.52	68.30	37.22	Peak	No Limit

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

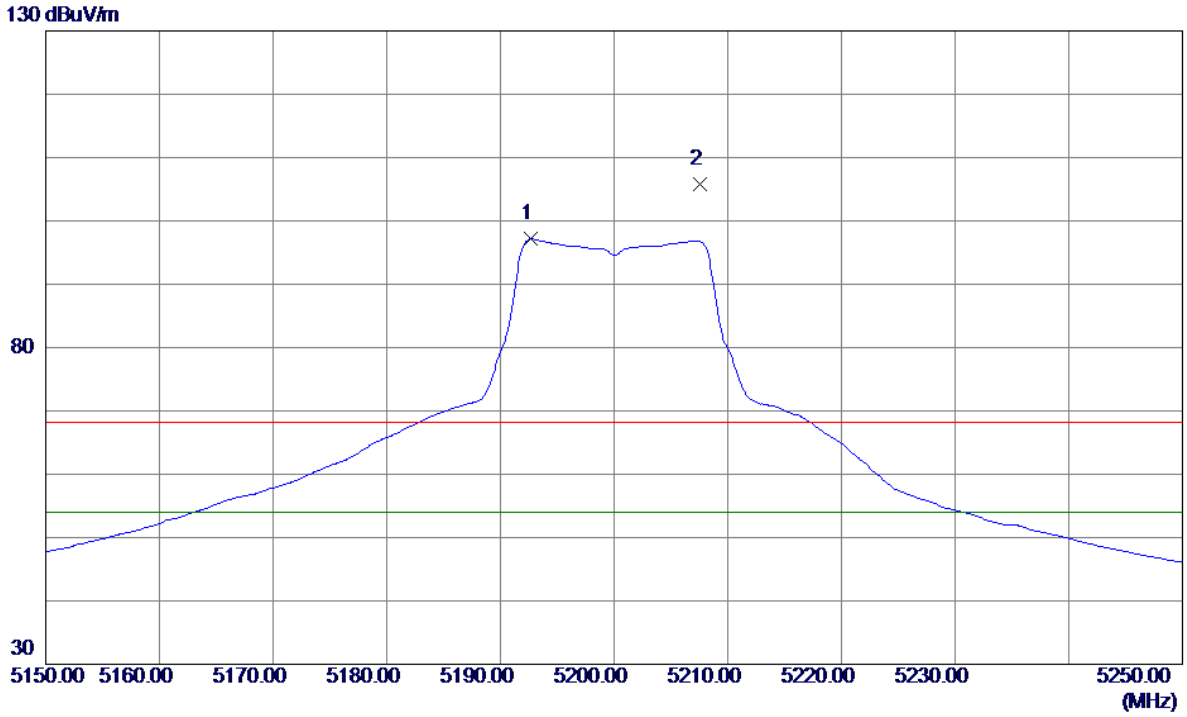
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3466.6530	32.81	2.65	35.46	999.00	-963.54	AVG	
2 *	3466.6930	39.56	2.65	42.21	68.30	-26.09	Peak	

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

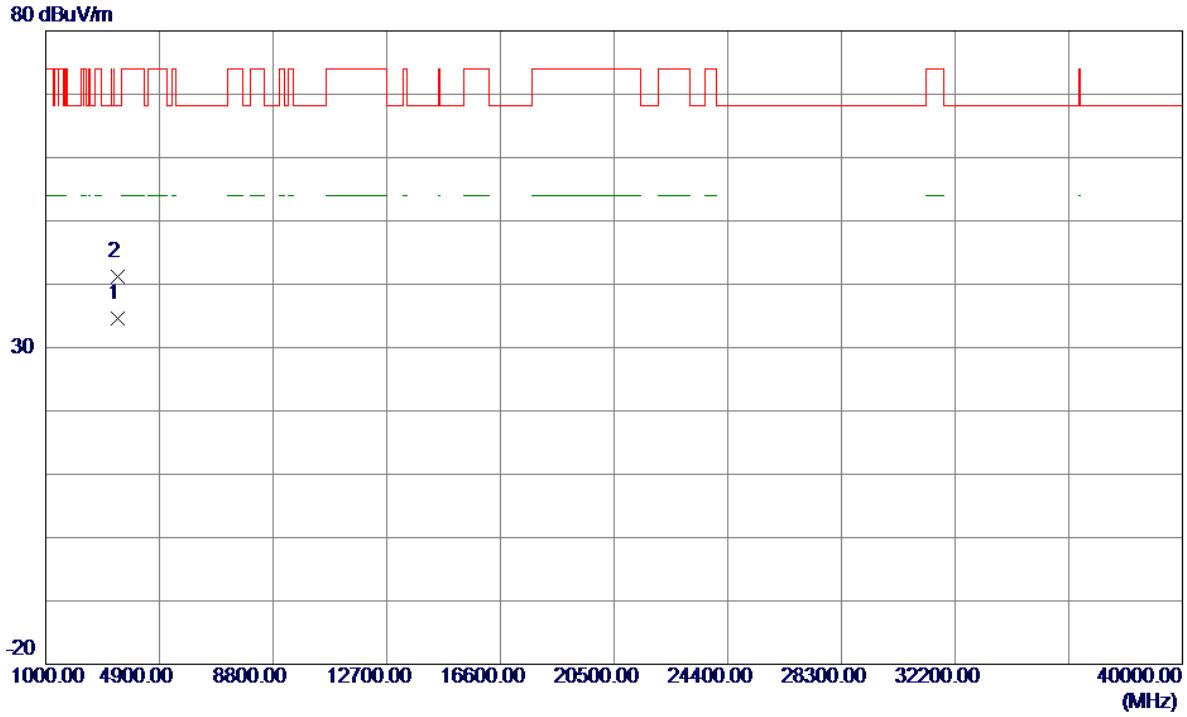
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.7000	55.81	41.32	97.13	54.00	43.13	AVG	No Limit
2	5207.6000	64.34	41.39	105.73	68.30	37.43	Peak	No Limit

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

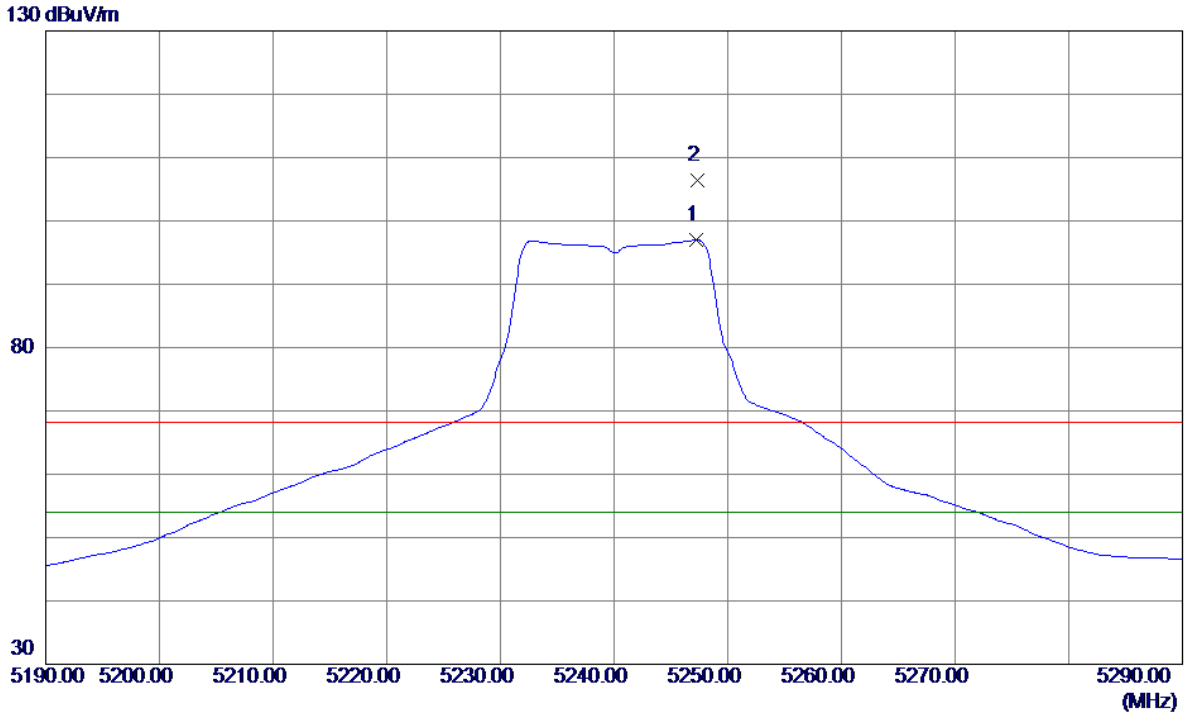
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3466.6250	31.89	2.65	34.54	999.00	-964.46	AVG	
2 *	3466.8150	38.54	2.65	41.19	68.30	-27.11	Peak	

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

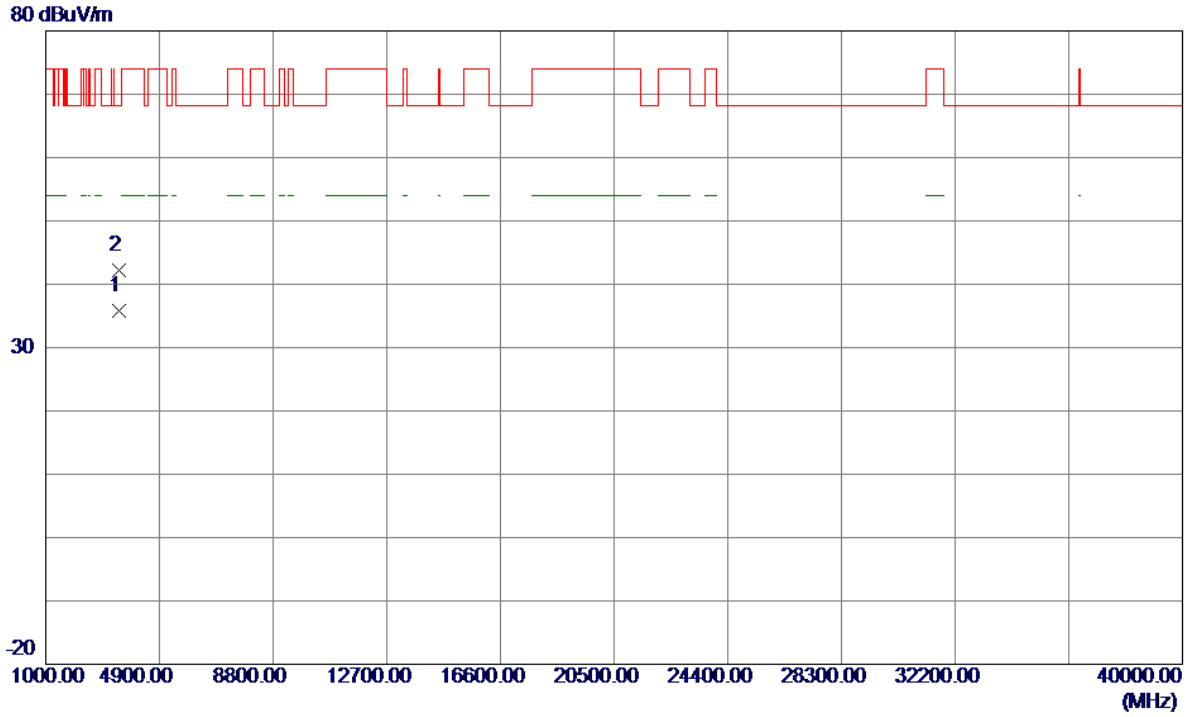
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5247.2000	55.34	41.60	96.94	54.00	42.94	AVG	No Limit
2	5247.3000	64.86	41.60	106.46	68.30	38.16	Peak	No Limit

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

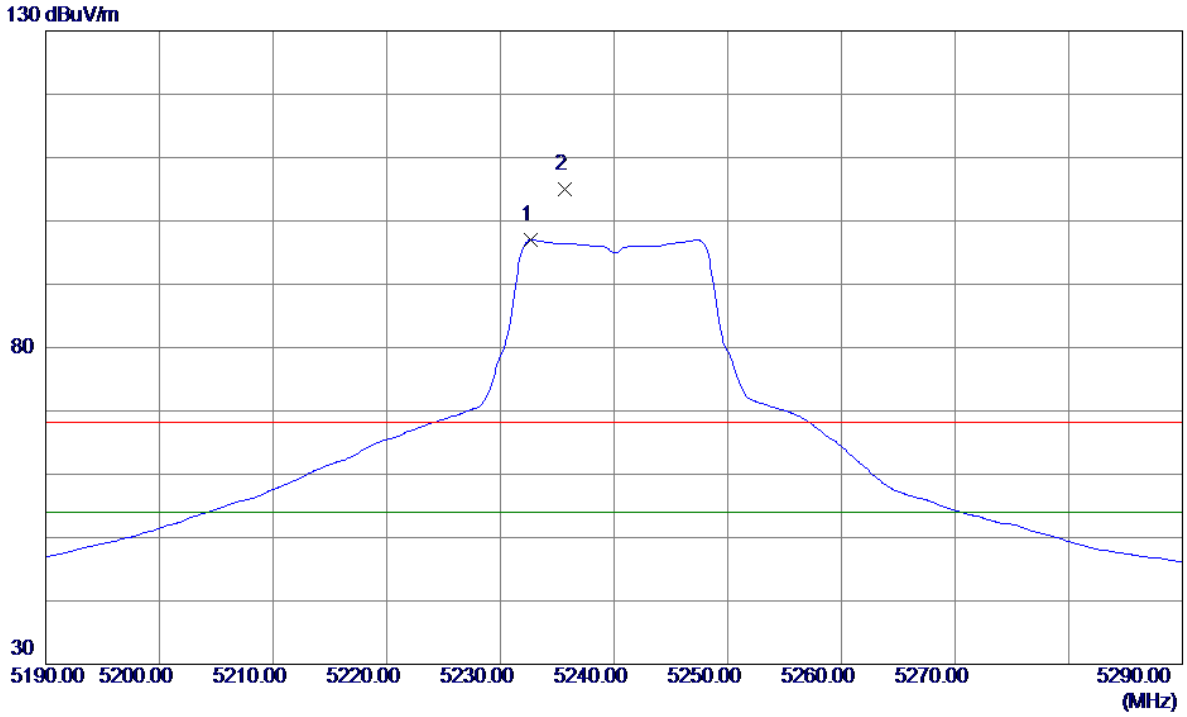
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3493.3180	33.14	2.71	35.85	999.00	-963.15	AVG	
2 *	3493.5660	39.47	2.71	42.18	68.30	-26.12	Peak	

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

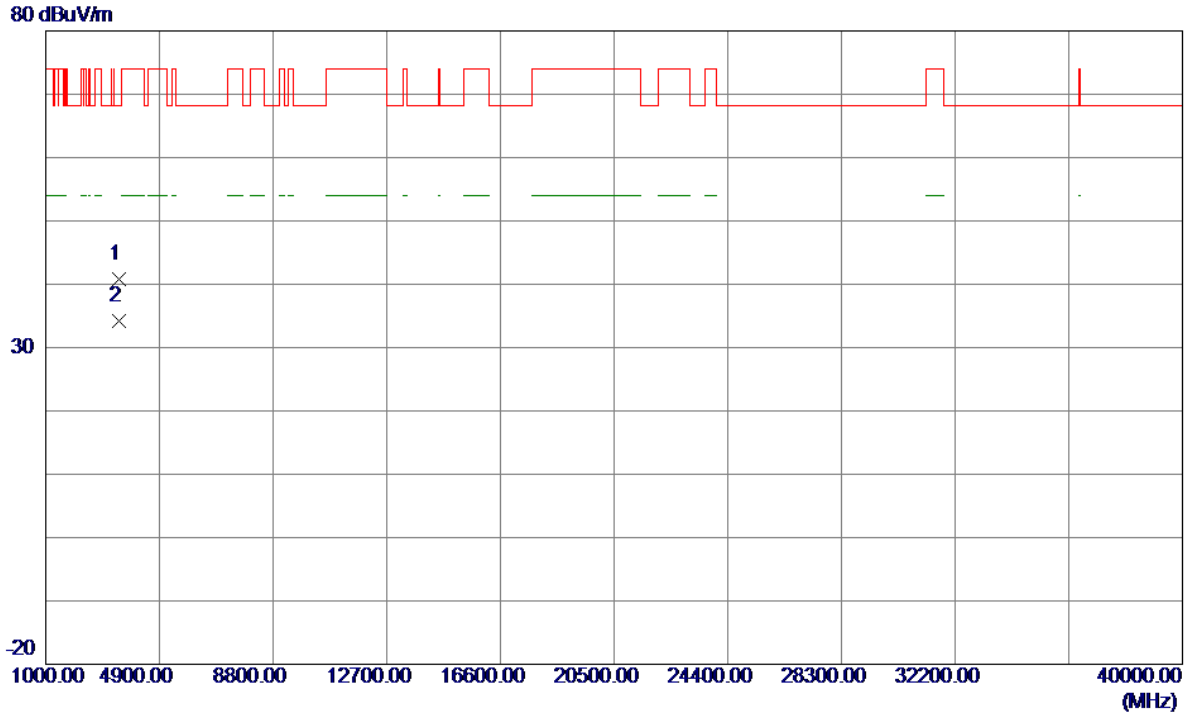
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.7000	55.44	41.52	96.96	54.00	42.96	AVG	No Limit
2	5235.7000	63.45	41.54	104.99	68.30	36.69	Peak	No Limit

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

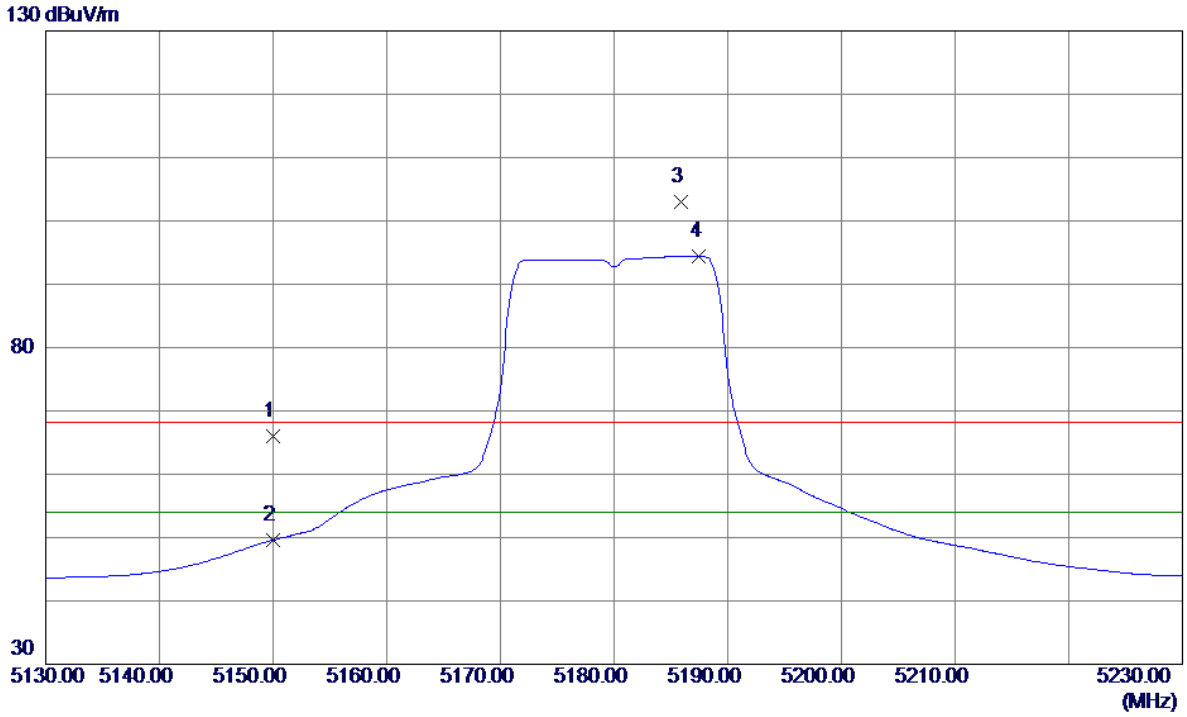
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3493.1260	38.05	2.71	40.76	68.30	-27.54	Peak	
2	3493.3380	31.44	2.71	34.15	999.00	-964.85	AVG	

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

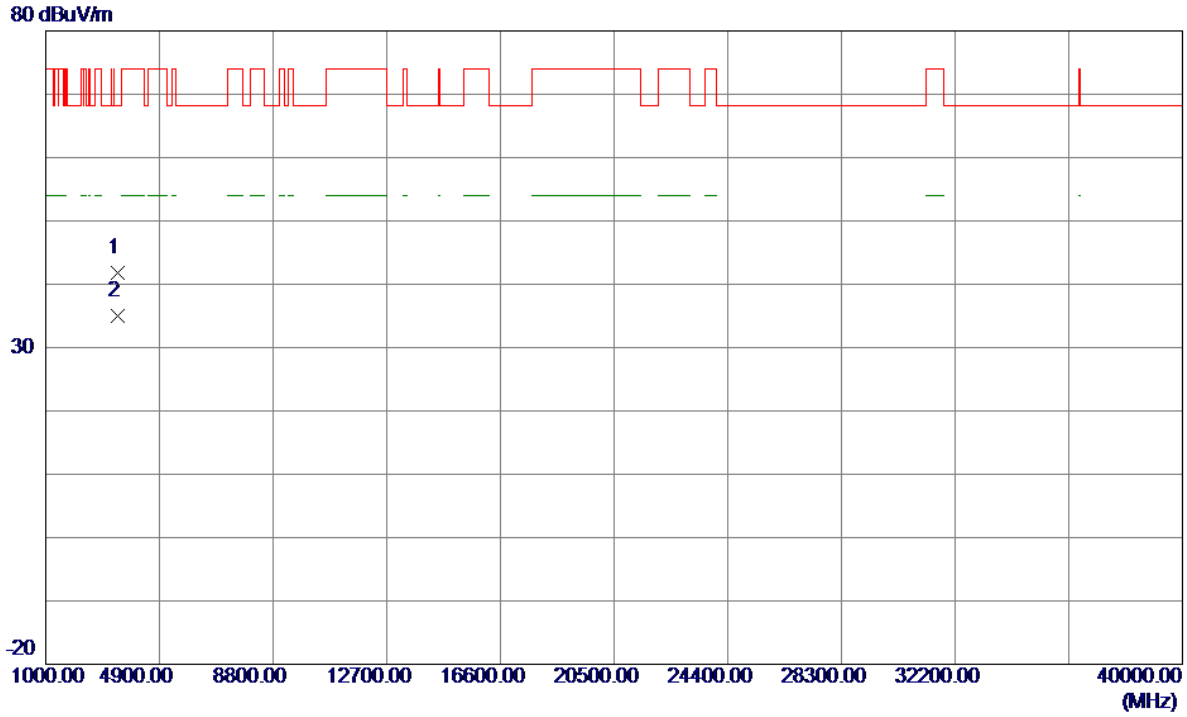
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.98	41.10	66.08	68.30	-2.22	Peak	
2	5150.0000	8.50	41.10	49.60	54.00	-4.40	AVG	
3	5185.9000	61.63	41.28	102.91	68.30	34.61	Peak	No Limit
4 *	5187.5000	53.13	41.29	94.42	54.00	40.42	AVG	No Limit

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

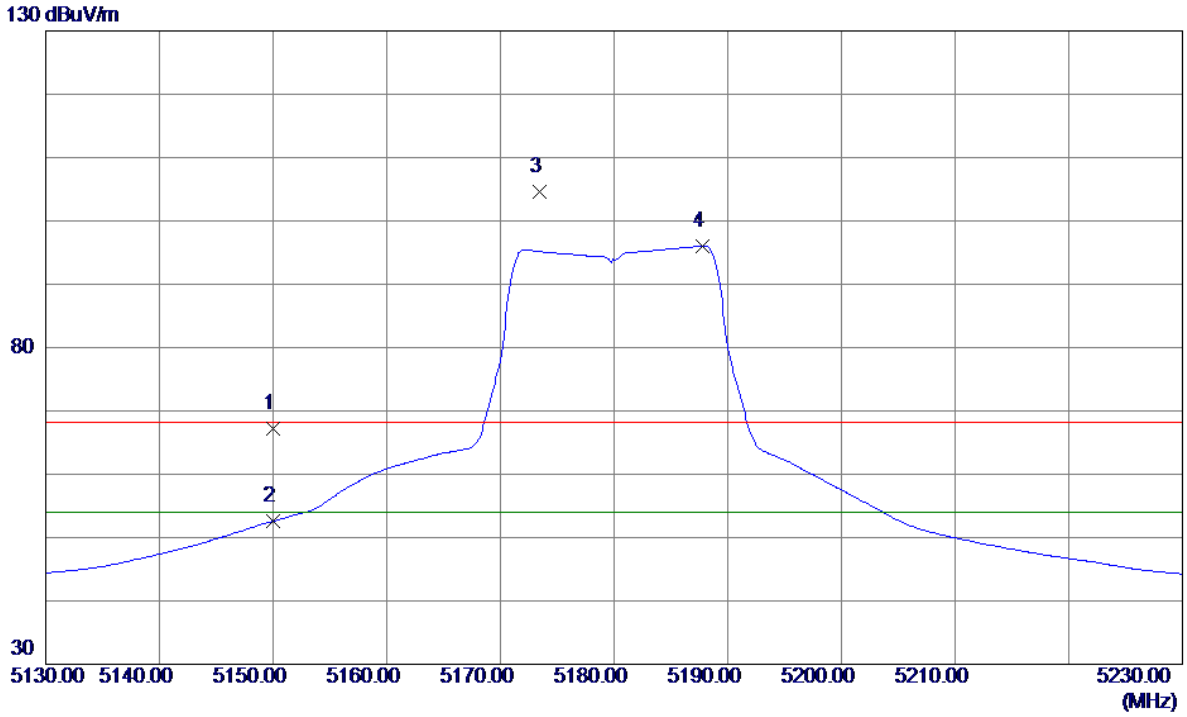
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3453.2410	39.13	2.61	41.74	68.30	-26.56	Peak	
2	3453.3110	32.39	2.61	35.00	68.30	-33.30	Peak	

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

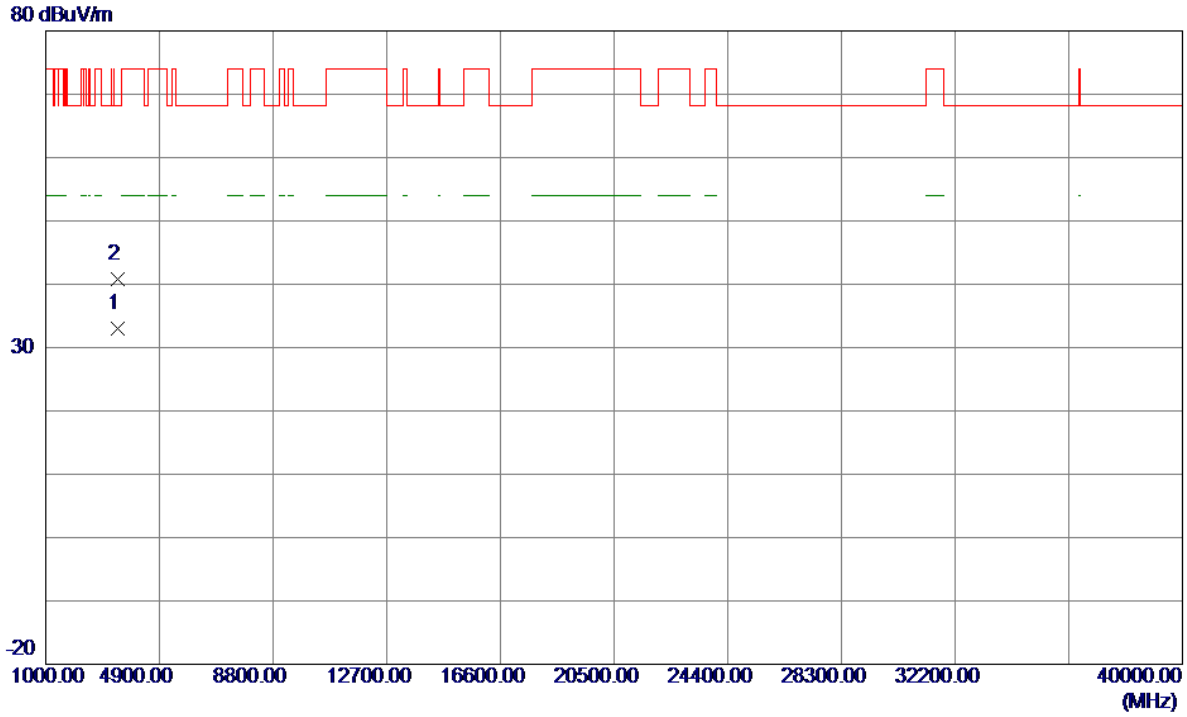
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	26.19	41.10	67.29	68.30	-1.01	Peak	
2	5150.0000	11.50	41.10	52.60	54.00	-1.40	AVG	
3	5173.4000	63.44	41.22	104.66	68.30	36.36	Peak	No Limit
4 *	5187.8000	54.73	41.29	96.02	54.00	42.02	AVG	No Limit

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

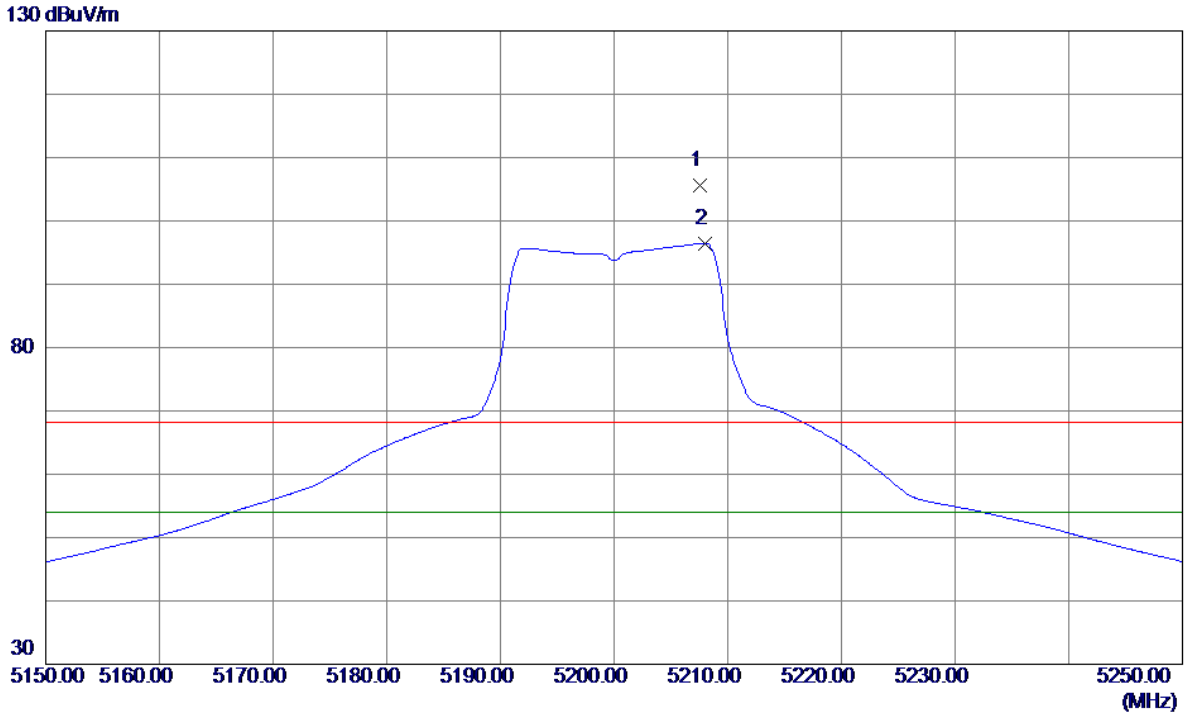
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3453.3040	30.32	2.61	32.93	999.00	-966.07	AVG	
2 *	3453.5130	38.11	2.61	40.72	68.30	-27.58	Peak	

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

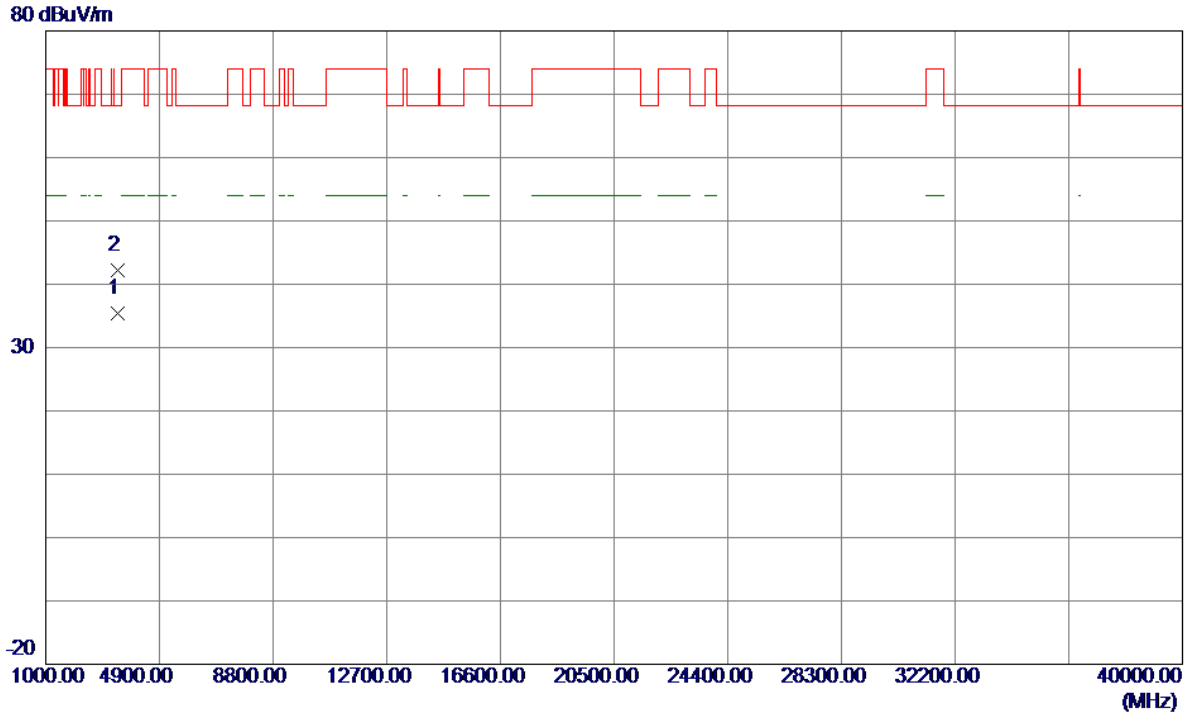
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5207.6000	64.16	41.39	105.55	68.30	37.25	Peak	No Limit
2 *	5208.0000	55.06	41.40	96.46	54.00	42.46	AVG	No Limit

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

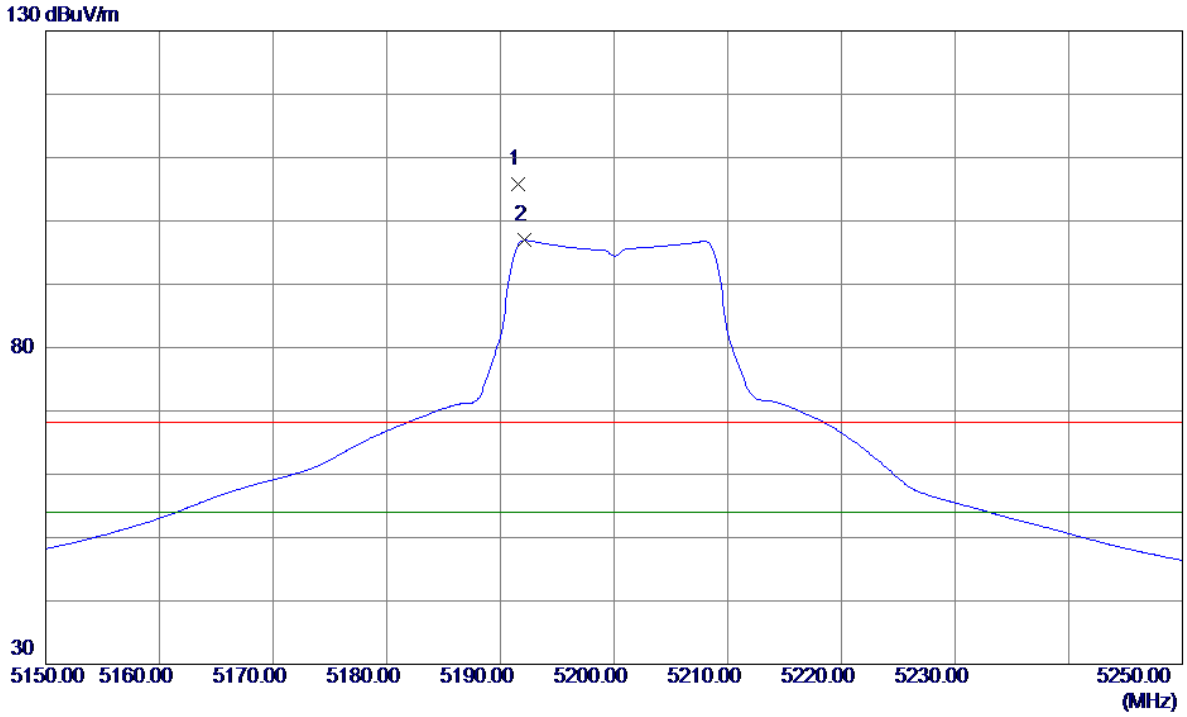
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3466.6910	32.83	2.65	35.48	999.00	-963.52	AVG	
2 *	3466.7050	39.59	2.65	42.24	68.30	-26.06	Peak	

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

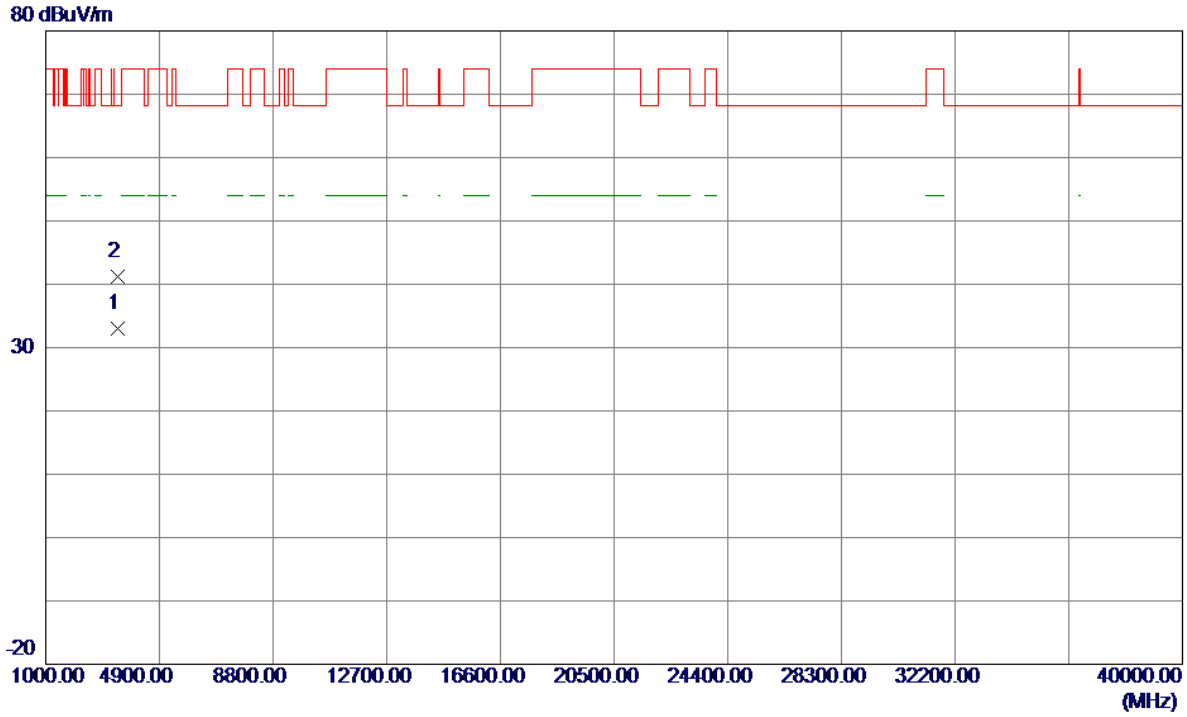
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5191.6000	64.45	41.31	105.76	68.30	37.46	Peak	No Limit
2 *	5192.1000	55.60	41.32	96.92	54.00	42.92	AVG	No Limit

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

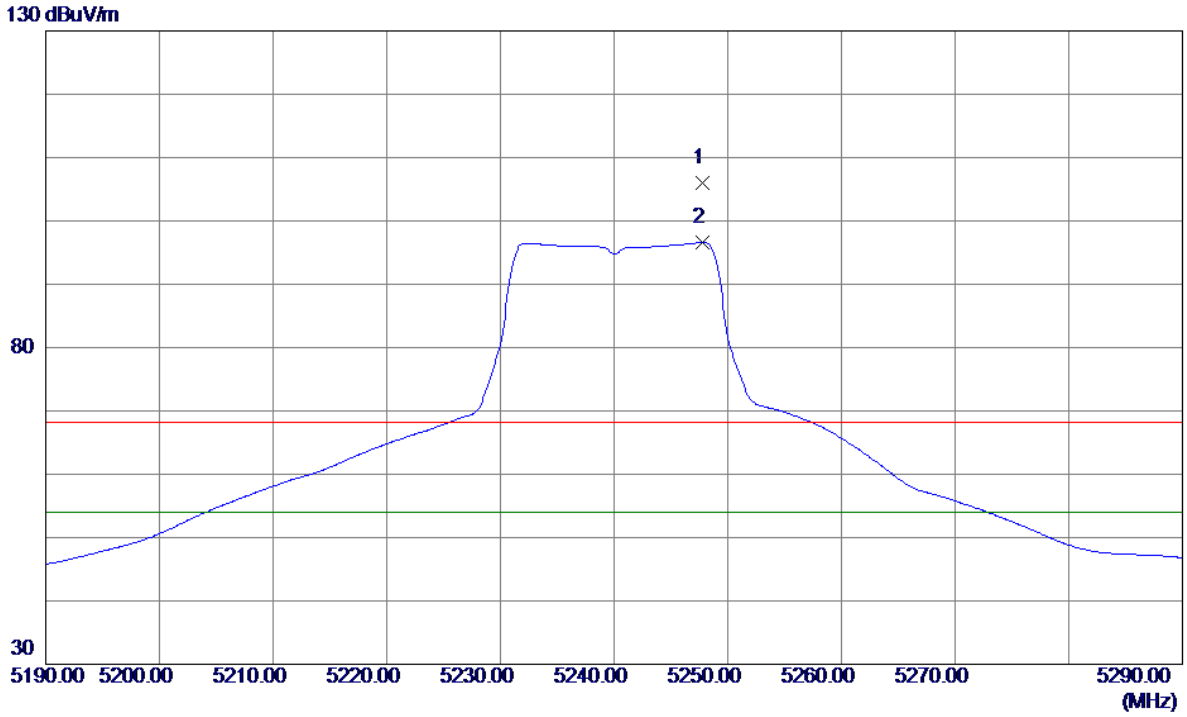
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3466.6110	30.44	2.65	33.09	999.00	-965.91	AVG	
2 *	3466.7090	38.56	2.65	41.21	68.30	-27.09	Peak	

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

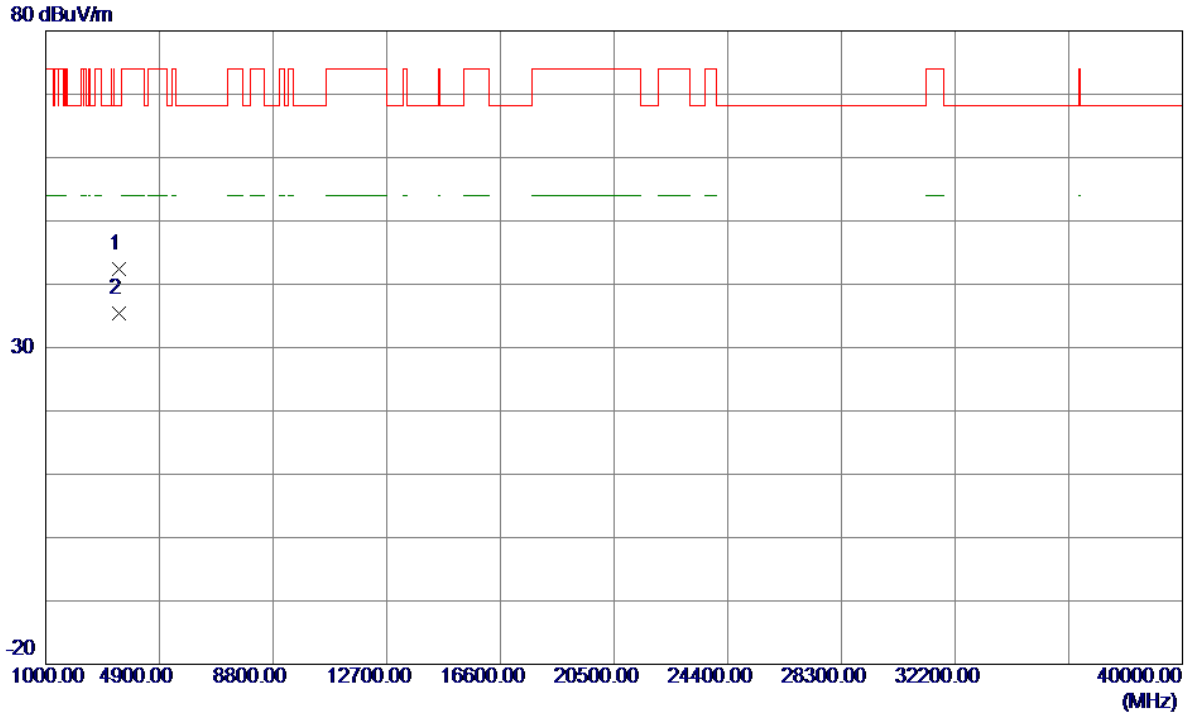
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5247.8000	64.50	41.60	106.10	68.30	37.80	Peak	No Limit
2 *	5247.8000	54.99	41.60	96.59	54.00	42.59	AVG	No Limit

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

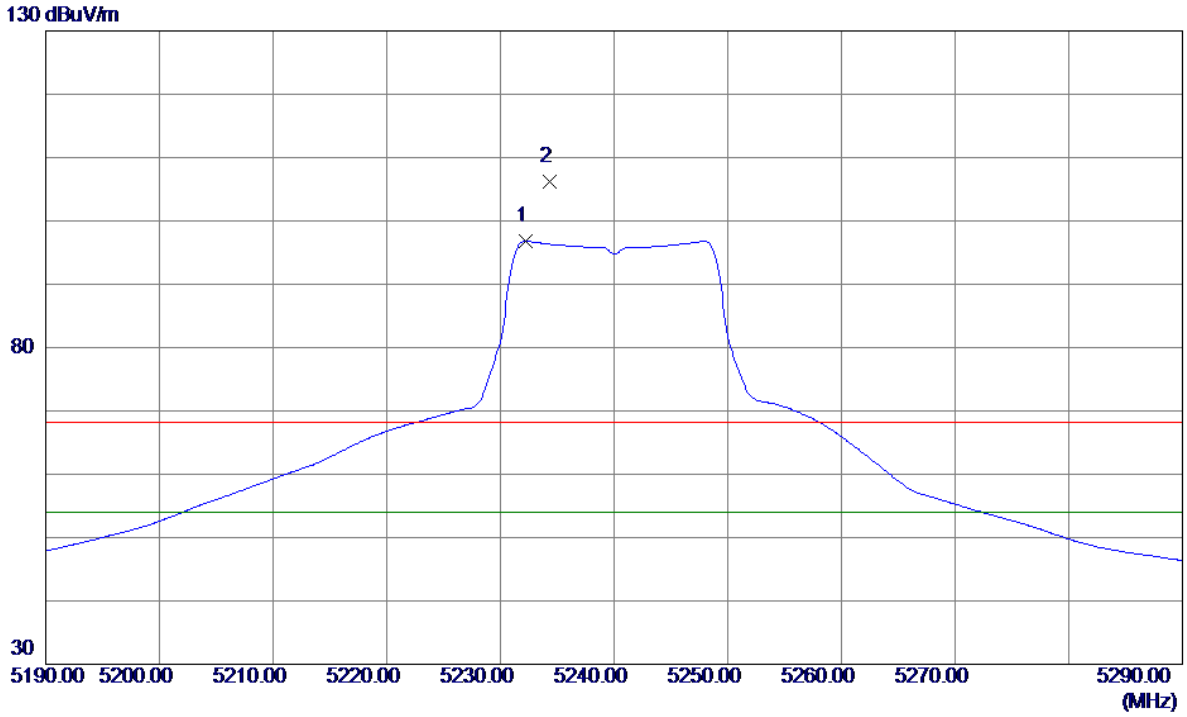
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3493.2650	39.65	2.71	42.36	68.30	-25.94	Peak	
2	3493.3830	32.71	2.71	35.42	999.00	-963.58	AVG	

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

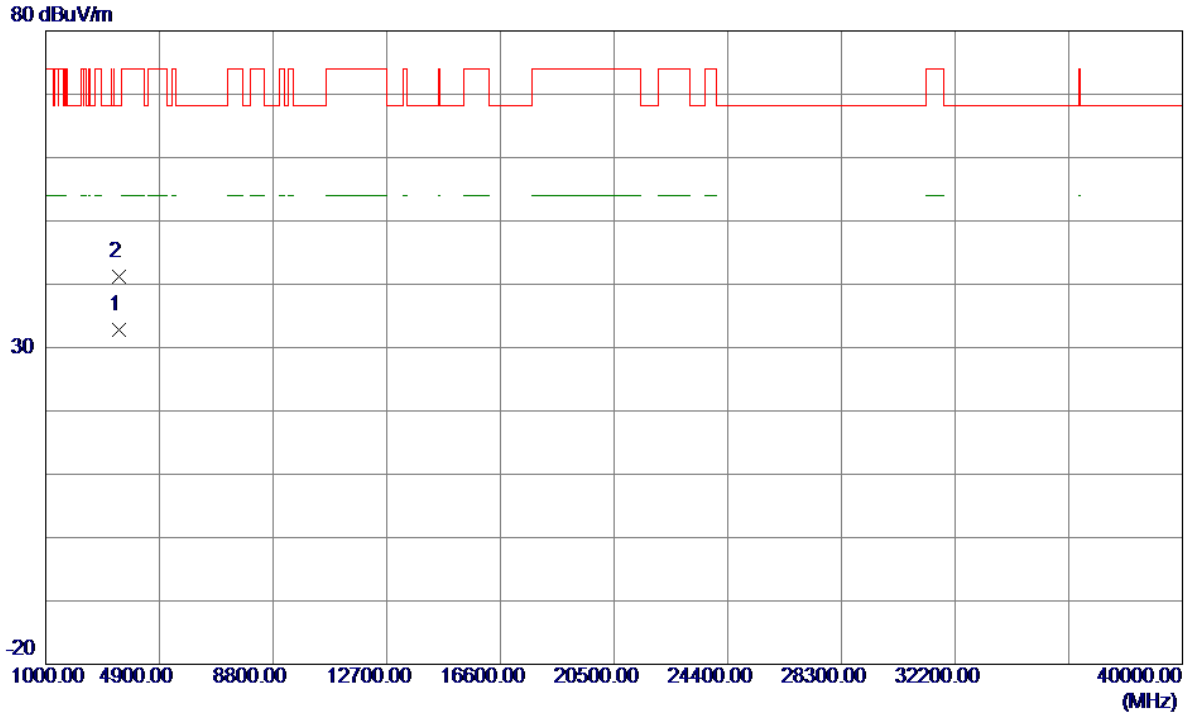
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.2000	55.25	41.52	96.77	54.00	42.77	AVG	No Limit
2	5234.3000	64.69	41.53	106.22	68.30	37.92	Peak	No Limit

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

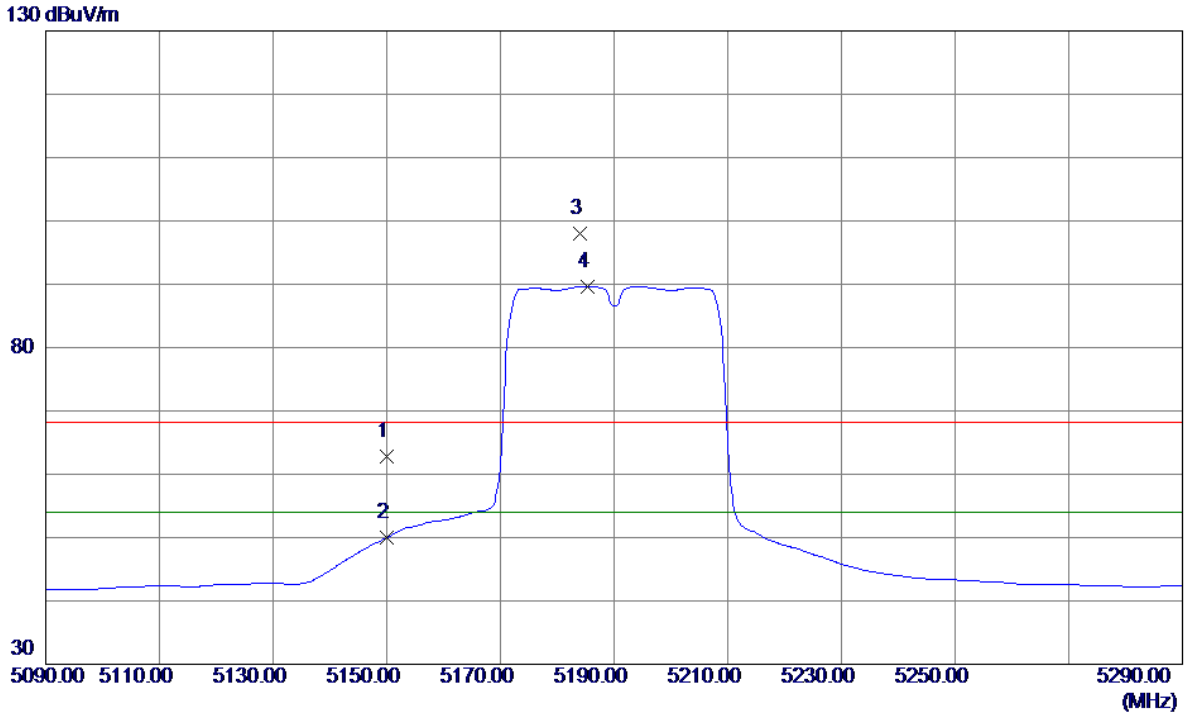
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3493.3090	30.10	2.71	32.81	999.00	-966.19	AVG	
2 *	3493.3910	38.44	2.71	41.15	68.30	-27.15	Peak	

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

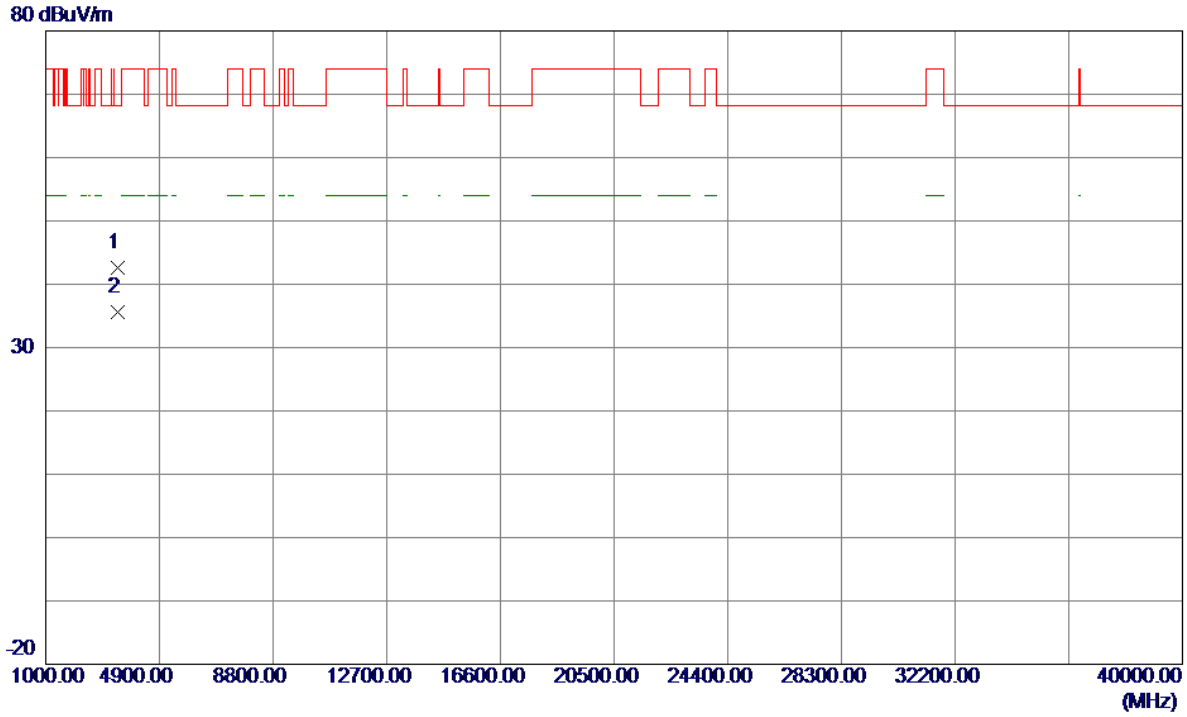
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.68	41.10	62.78	68.30	-5.52	Peak	
2	5150.0000	8.89	41.10	49.99	54.00	-4.01	AVG	
3	5184.0000	56.75	41.27	98.02	68.30	29.72	Peak	No Limit
4 *	5185.4000	48.34	41.28	89.62	54.00	35.62	AVG	No Limit

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

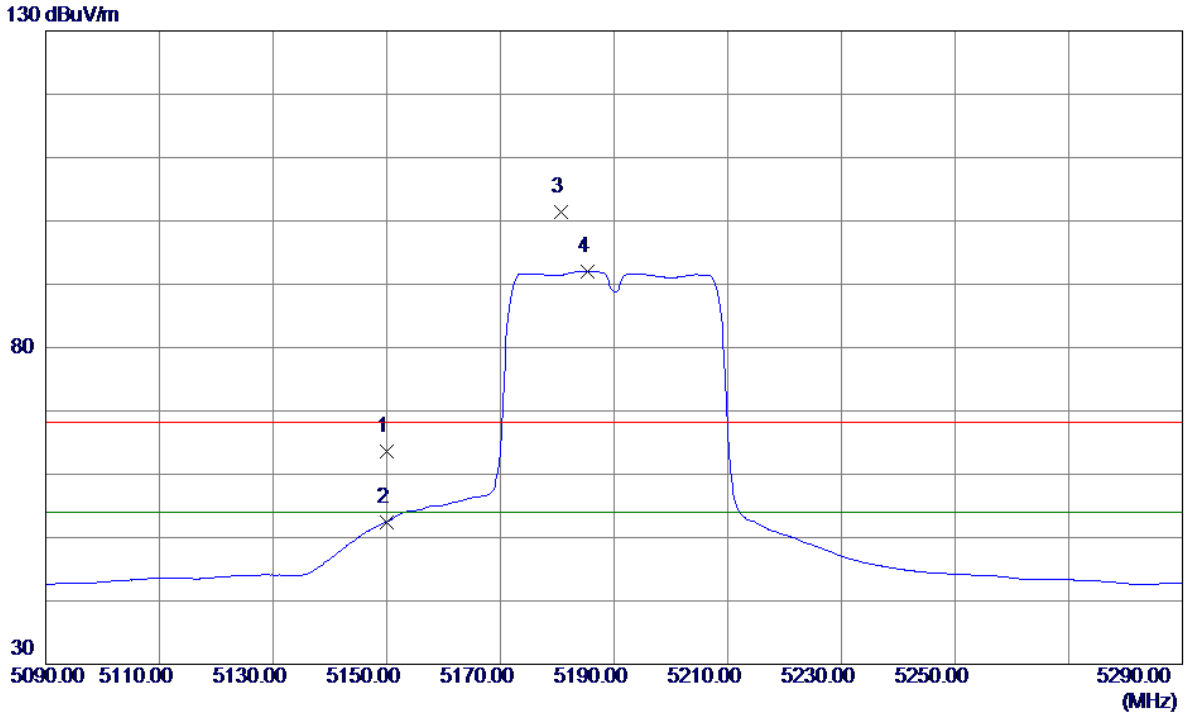
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3473.2660	39.94	2.66	42.60	68.30	-25.70	Peak	
2	3473.3200	32.96	2.66	35.62	999.00	-963.38	AVG	

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

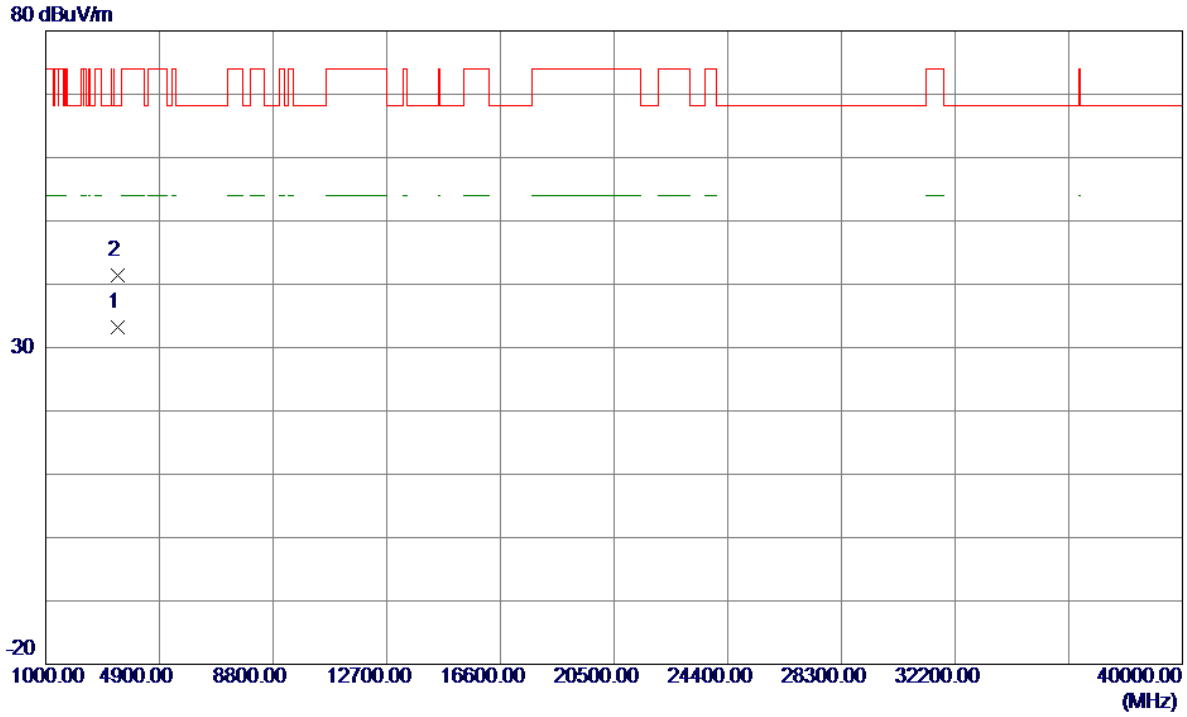
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.54	41.10	63.64	68.30	-4.66	Peak	
2	5150.0000	11.38	41.10	52.48	54.00	-1.52	AVG	
3	5180.6000	60.21	41.26	101.47	68.30	33.17	Peak	No Limit
4 *	5185.4000	50.82	41.28	92.10	54.00	38.10	AVG	No Limit

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

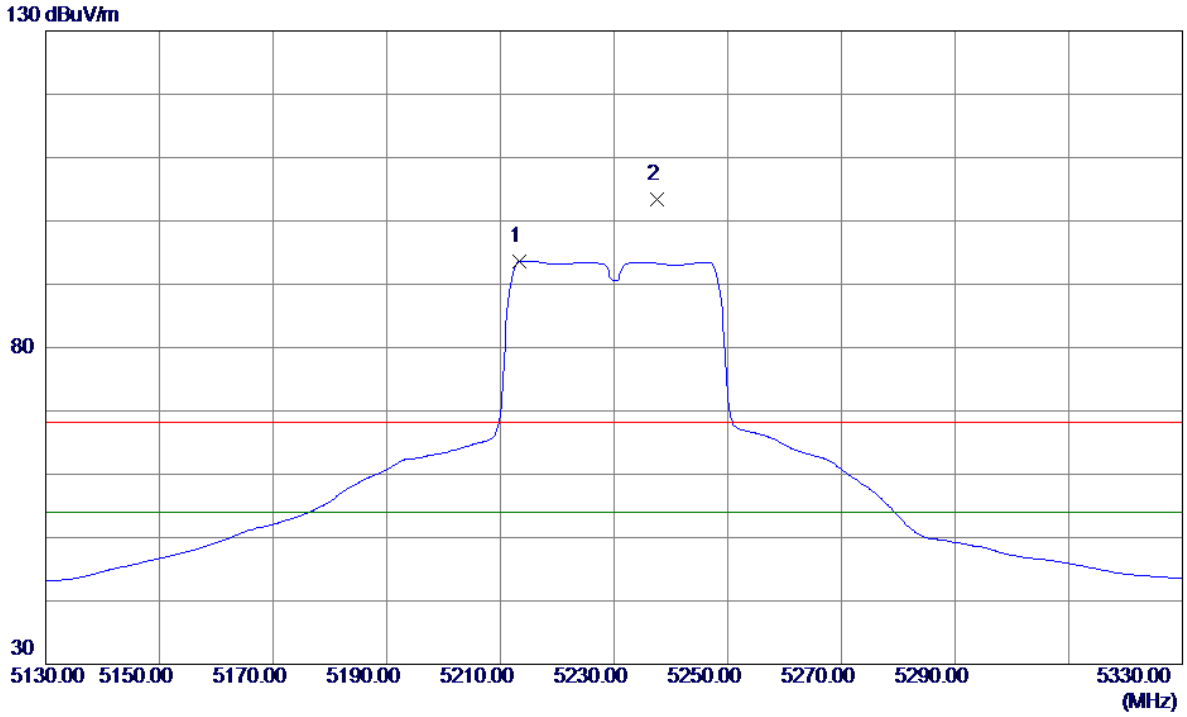
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3460.2760	30.55	2.63	33.18	999.00	-965.82	AVG	
2 *	3460.5300	38.81	2.63	41.44	68.30	-26.86	Peak	

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

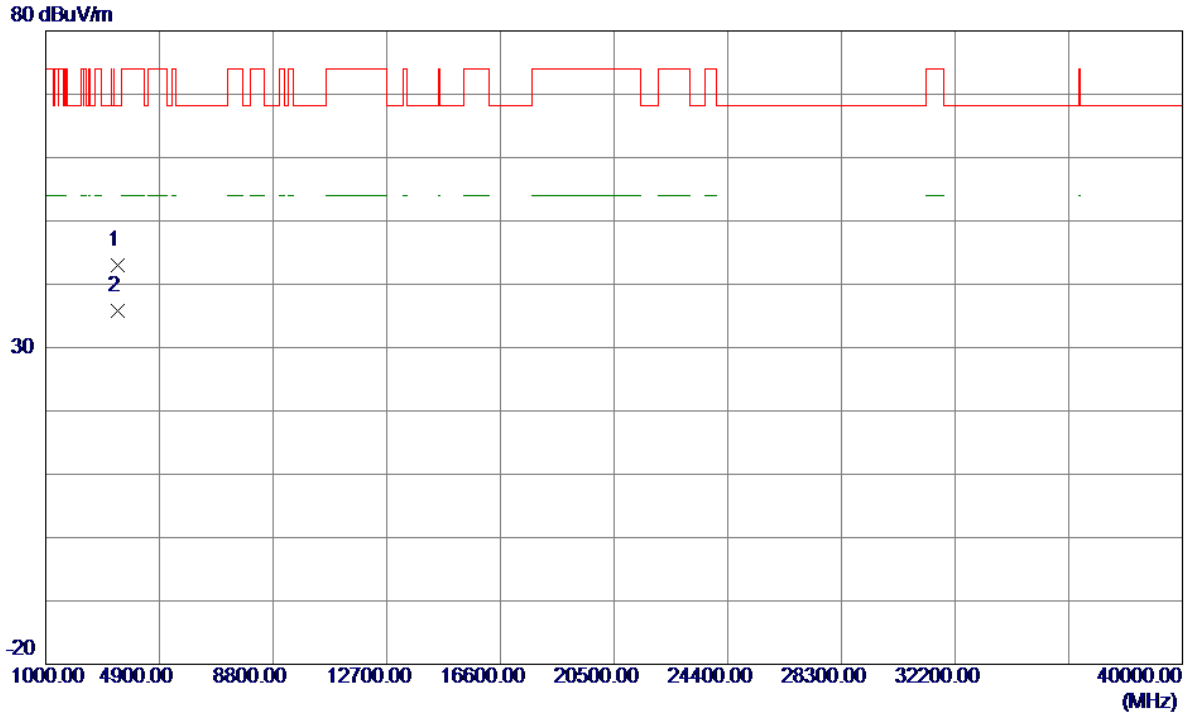
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5213.4000	52.27	41.42	93.69	54.00	39.69	AVG	No Limit
2	5237.6000	61.86	41.55	103.41	68.30	35.11	Peak	No Limit

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

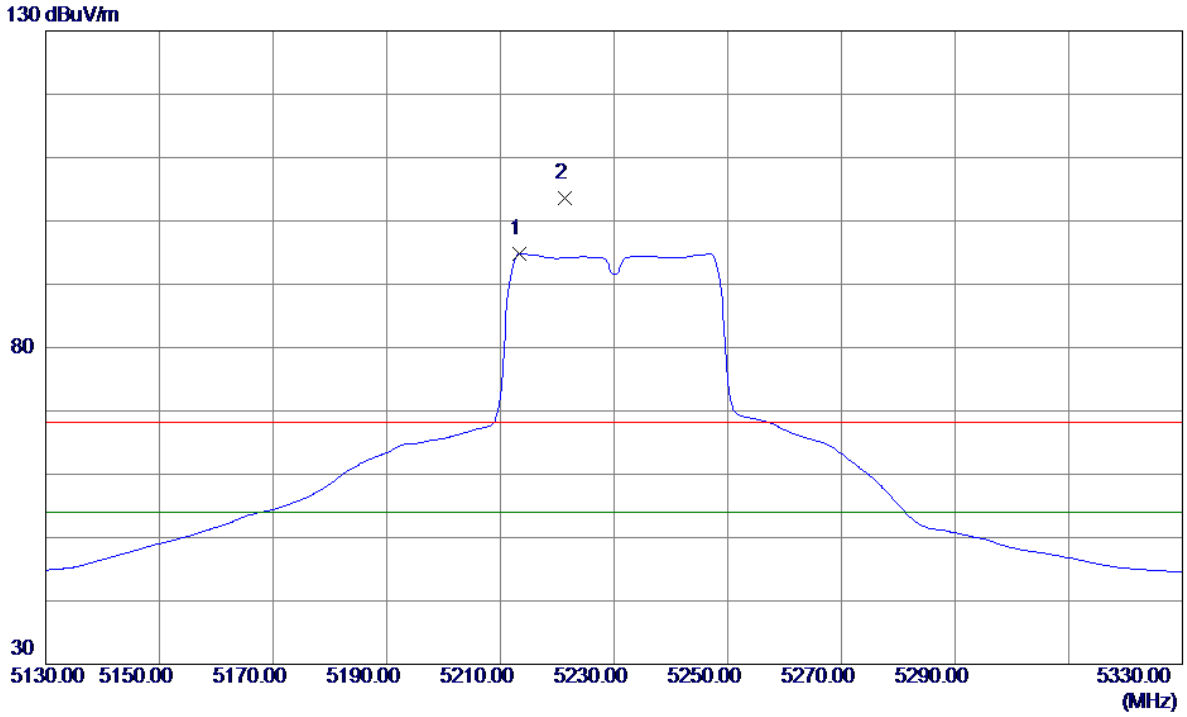
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3486.1230	40.22	2.69	42.91	68.30	-25.39	Peak	
2	3486.3070	33.04	2.69	35.73	999.00	-963.27	AVG	

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

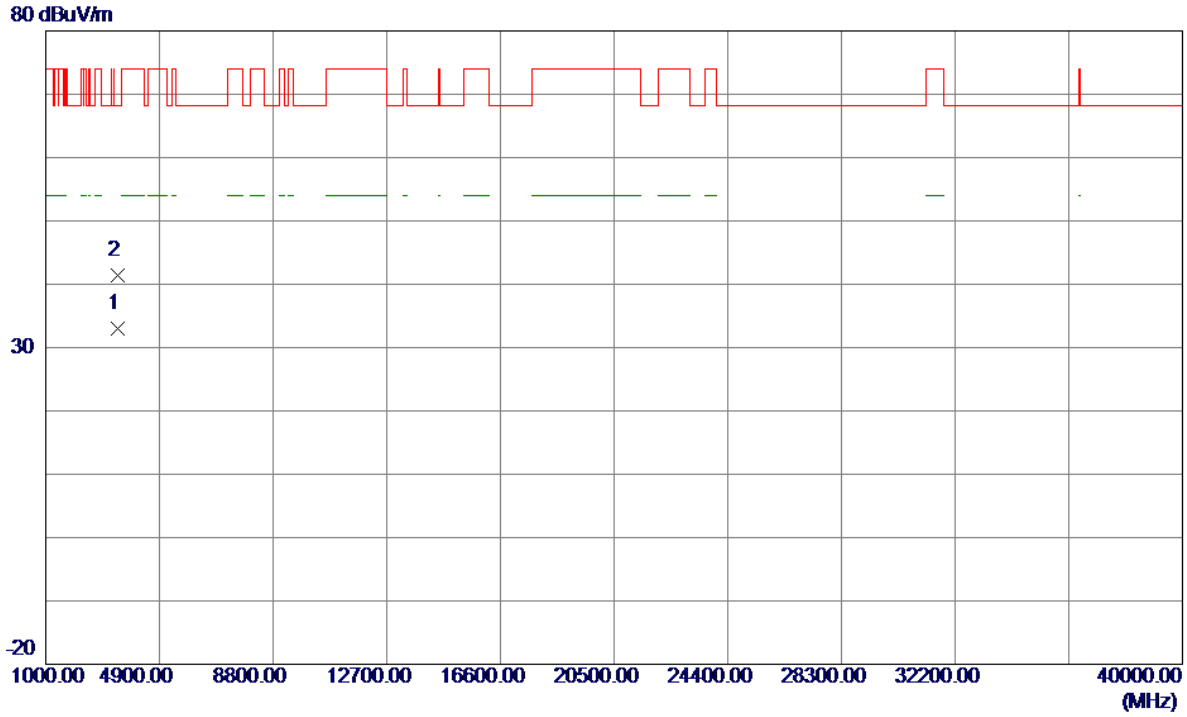
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5213.4000	53.44	41.42	94.86	54.00	40.86	AVG	No Limit
2	5221.4000	62.05	41.46	103.51	68.30	35.21	Peak	No Limit

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

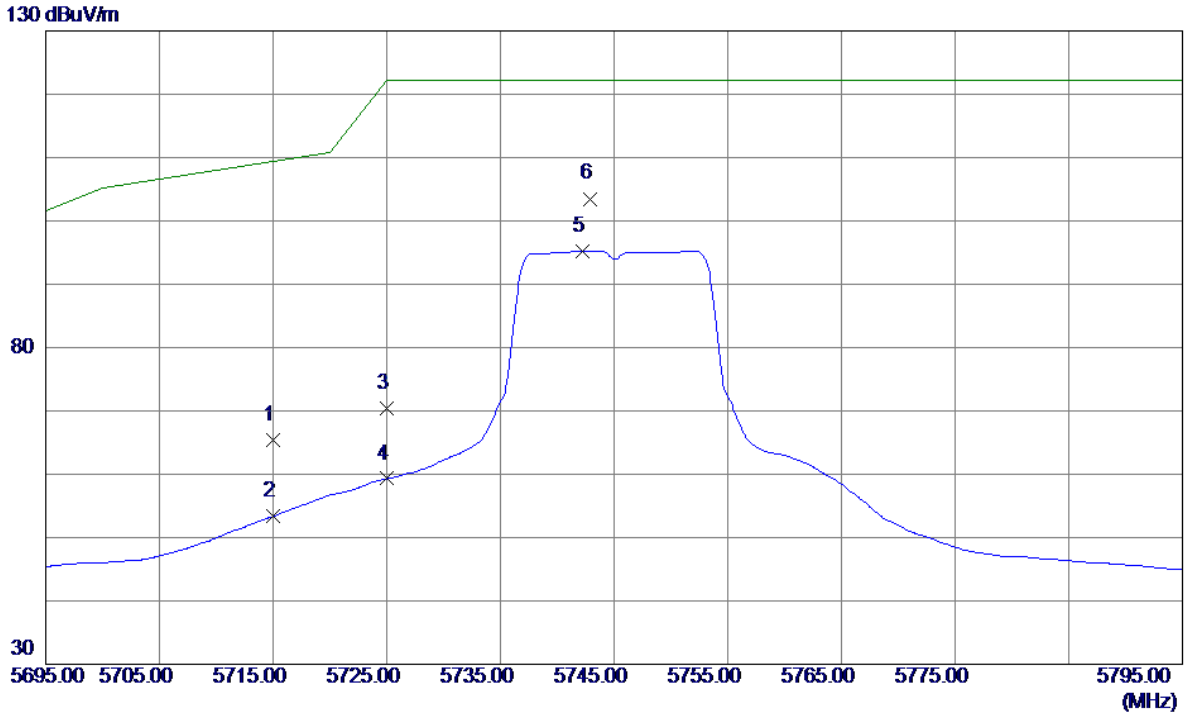
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3486.3190	30.27	2.69	32.96	999.00	-966.04	AVG	
2 *	3486.3230	38.74	2.69	41.43	68.30	-26.87	Peak	

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

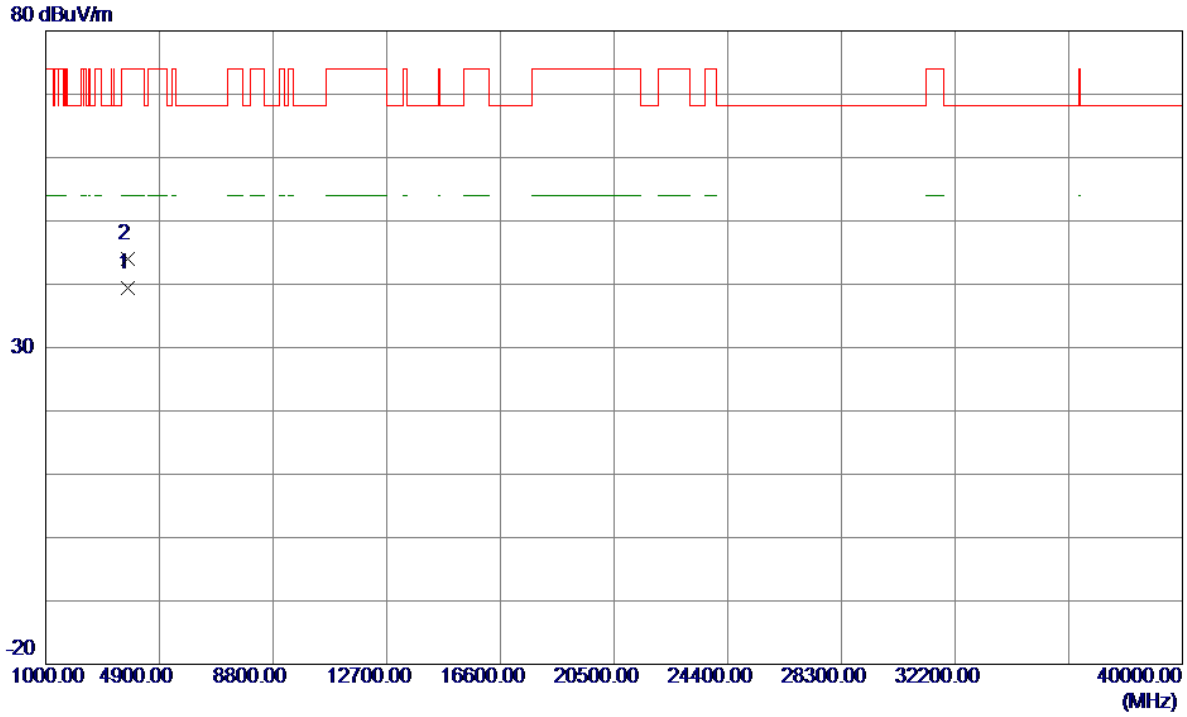
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.95	43.53	65.48	109.40	-43.92	Peak	
2	5715.0000	9.82	43.53	53.35	109.40	-56.05	AVG	
3	5725.0000	26.93	43.56	70.49	122.20	-51.71	Peak	
4	5725.0000	15.74	43.56	59.30	122.20	-62.90	AVG	
5	5742.2000	51.67	43.61	95.28	122.20	-26.92	AVG	
6 *	5742.9000	59.89	43.61	103.50	122.20	-18.70	Peak	

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

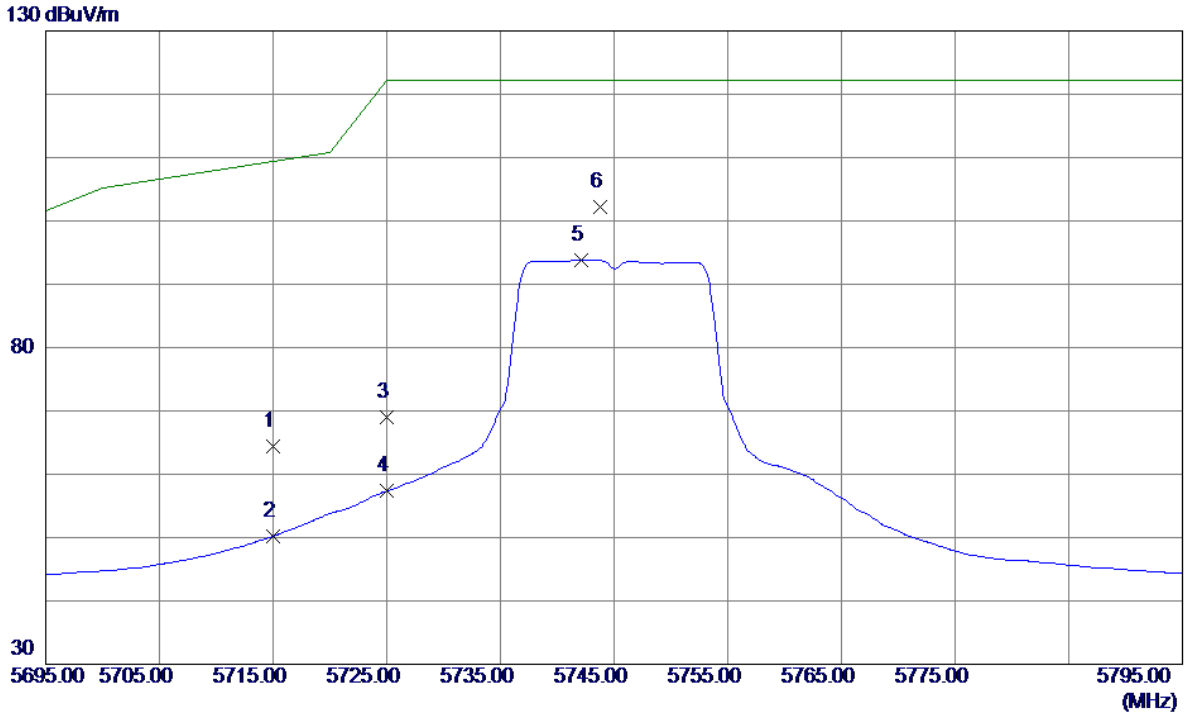
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3829.9820	35.89	3.45	39.34	54.00	-14.66	AVG	
2	3830.1080	40.64	3.45	44.09	74.00	-29.91	Peak	

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

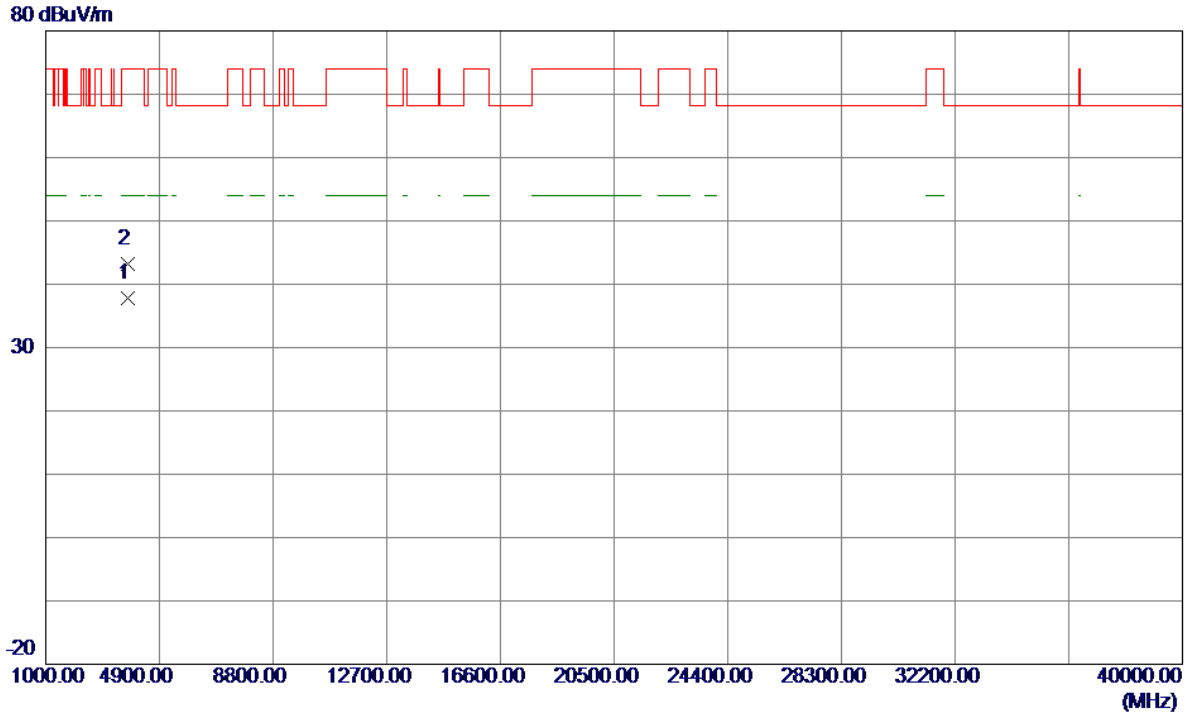
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.89	43.53	64.42	109.40	-44.98	Peak	
2	5715.0000	6.66	43.53	50.19	109.40	-59.21	AVG	
3	5725.0000	25.43	43.56	68.99	122.20	-53.21	Peak	
4	5725.0000	13.79	43.56	57.35	122.20	-64.85	AVG	
5	5742.1000	50.20	43.61	93.81	122.20	-28.39	AVG	
6 *	5743.8000	58.58	43.62	102.20	122.20	-20.00	Peak	

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

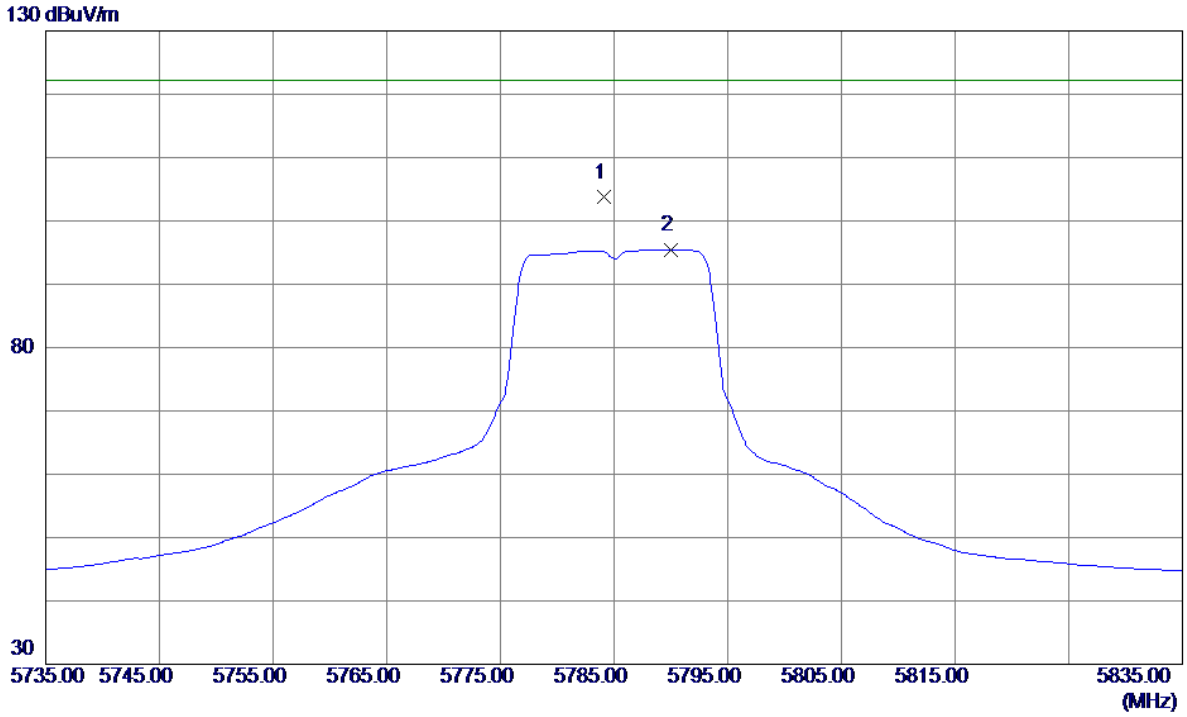
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3829.9800	34.31	3.45	37.76	54.00	-16.24	AVG	
2	3830.0240	39.72	3.45	43.17	74.00	-30.83	Peak	

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

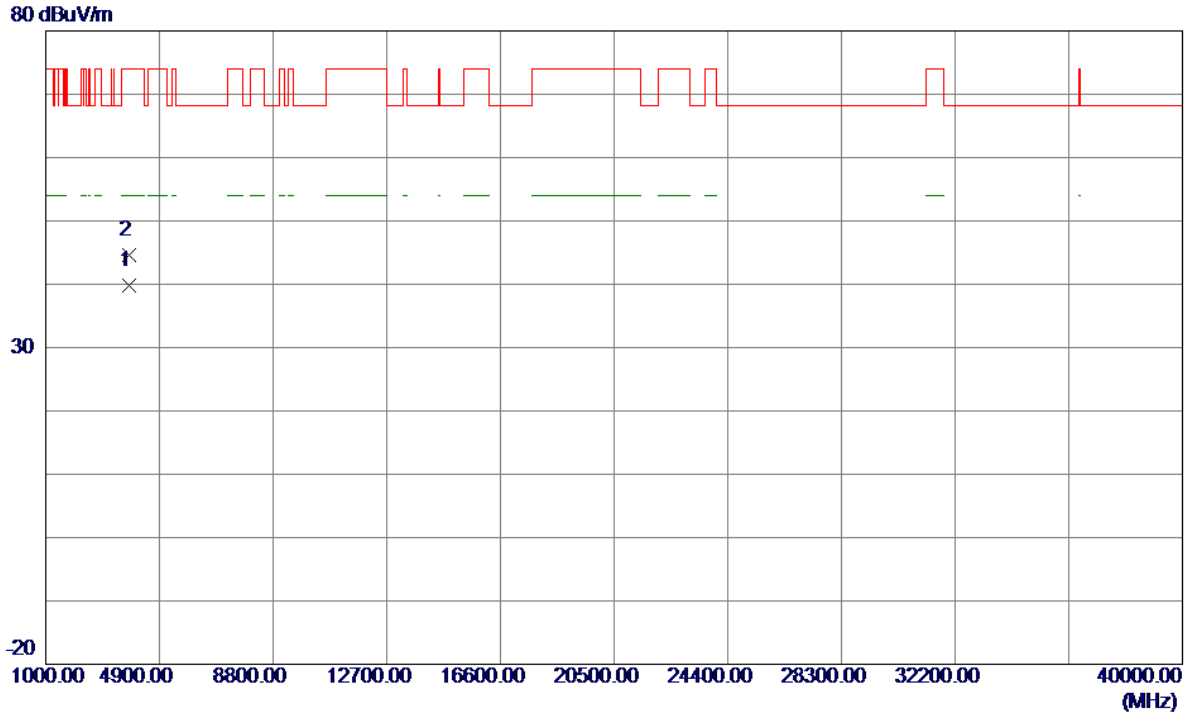
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5784.1000	59.96	43.74	103.70	122.20	-18.50	Peak	
2	5790.0000	51.65	43.76	95.41	122.20	-26.79	AVG	

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

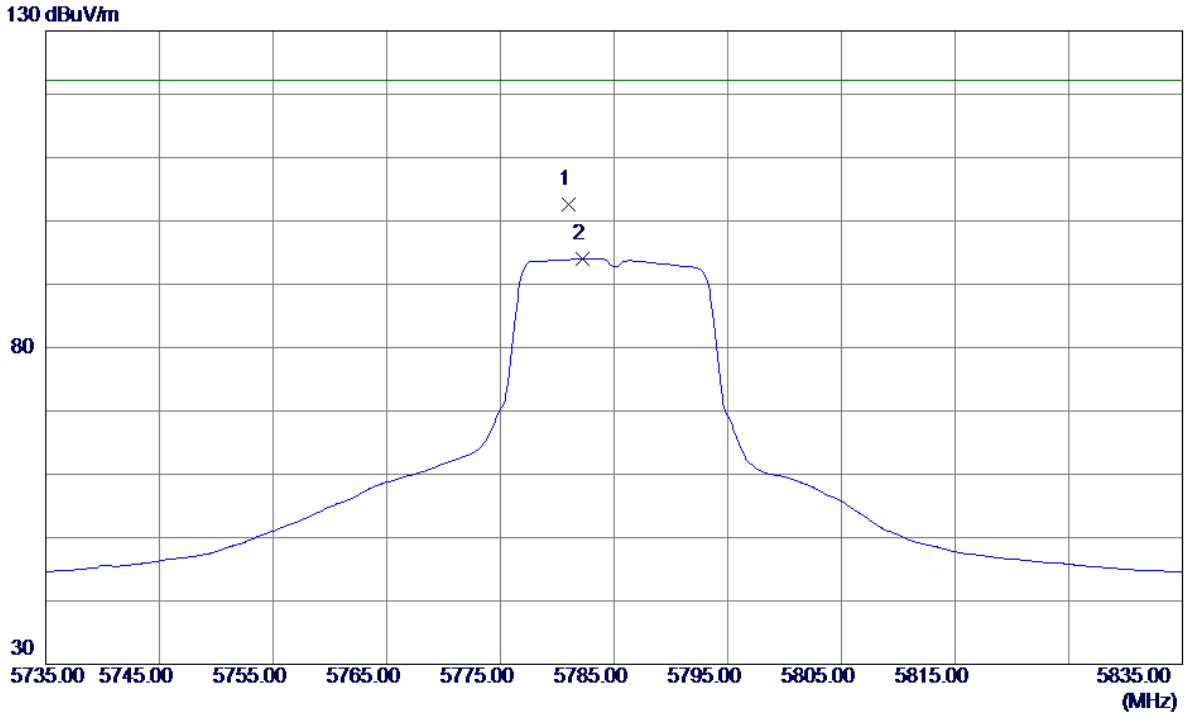
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3856.6160	36.23	3.51	39.74	54.00	-14.26	AVG	
2	3856.6280	41.04	3.51	44.55	74.00	-29.45	Peak	

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

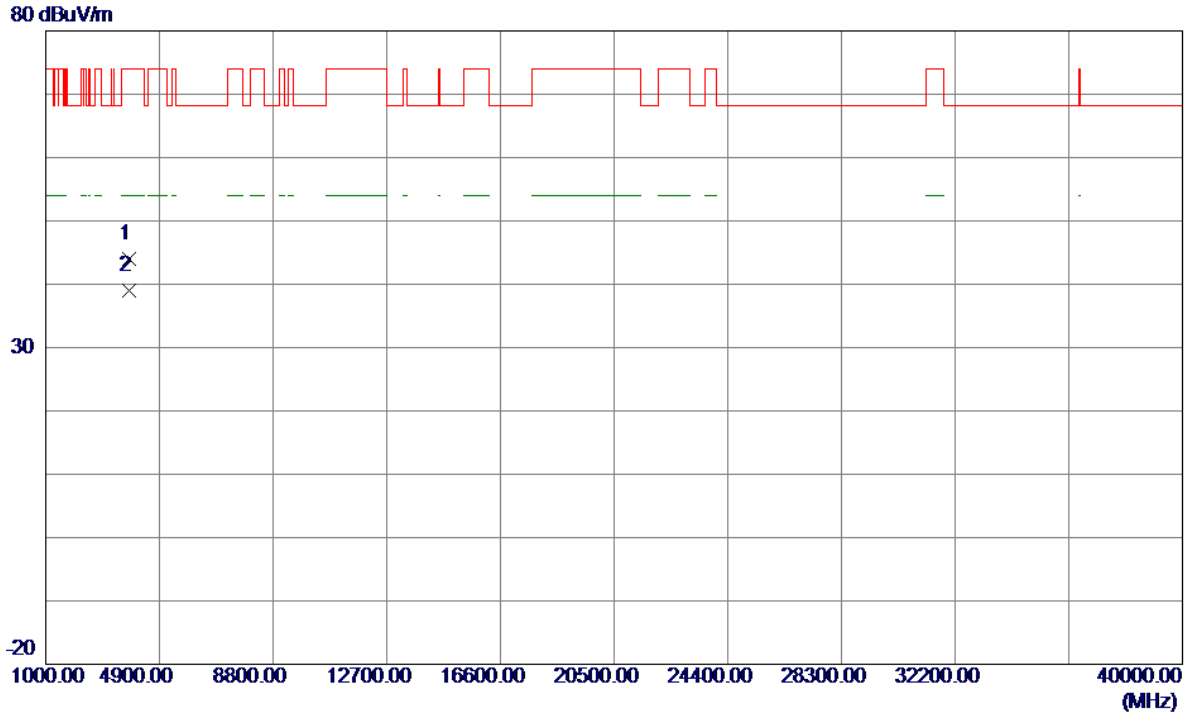
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5781.0000	58.94	43.73	102.67	122.20	-19.53	Peak	
2	5782.2000	50.34	43.73	94.07	122.20	-28.13	AVG	

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

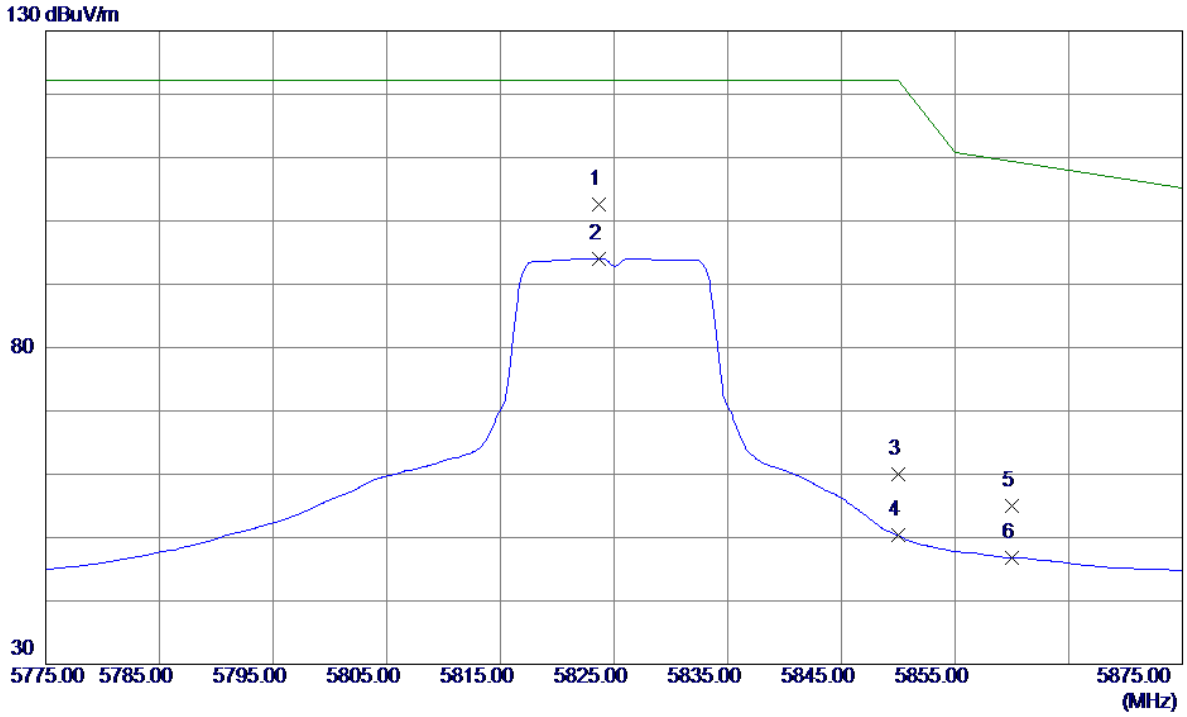
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.6320	40.40	3.51	43.91	74.00	-30.09	Peak	
2 *	3856.6320	35.55	3.51	39.06	54.00	-14.94	AVG	

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

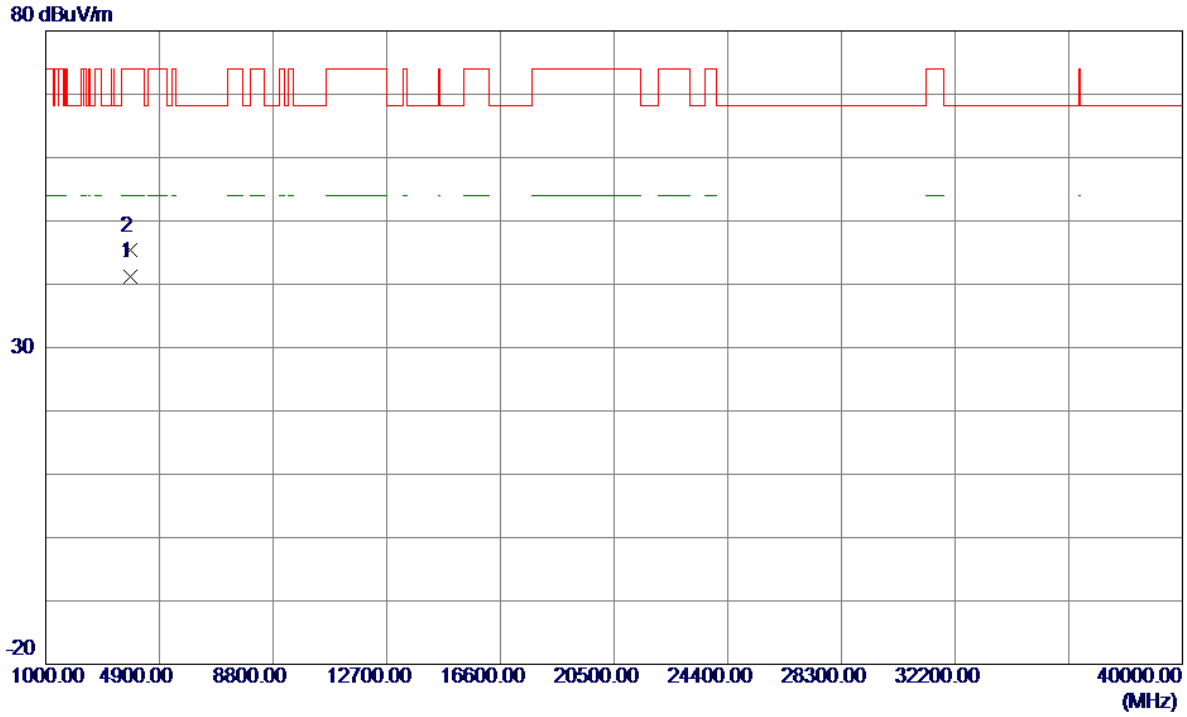
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.7000	58.66	43.86	102.52	122.20	-19.68	Peak	
2	5823.7000	50.23	43.86	94.09	122.20	-28.11	AVG	
3	5850.0000	16.01	43.94	59.95	122.20	-62.25	Peak	
4	5850.0000	6.37	43.94	50.31	122.20	-71.89	AVG	
5	5860.0000	10.99	43.97	54.96	109.40	-54.44	Peak	
6	5860.0000	2.91	43.97	46.88	109.40	-62.52	AVG	

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

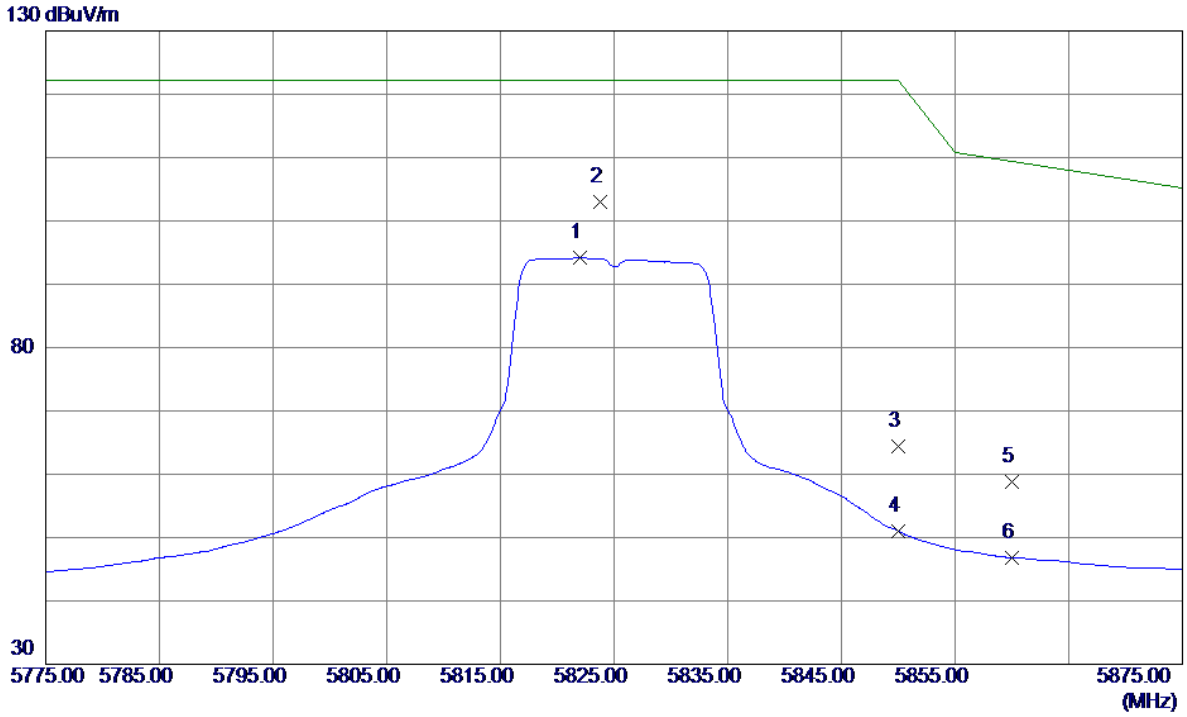
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3883.3400	37.69	3.57	41.26	54.00	-12.74	AVG	
2	3883.4000	41.73	3.57	45.30	74.00	-28.70	Peak	

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

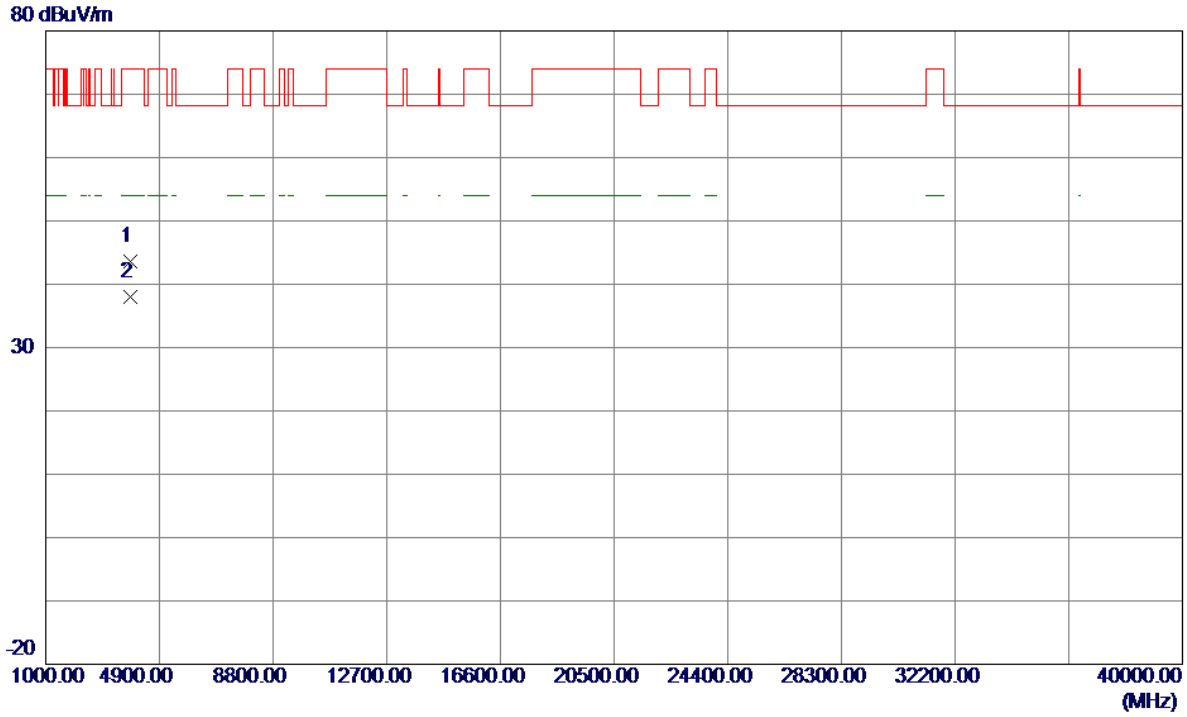
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5822.0000	50.32	43.85	94.17	122.20	-28.03	AVG	
2 *	5823.8000	59.06	43.86	102.92	122.20	-19.28	Peak	
3	5850.0000	20.41	43.94	64.35	122.20	-57.85	Peak	
4	5850.0000	7.14	43.94	51.08	122.20	-71.12	AVG	
5	5860.0000	14.92	43.97	58.89	109.40	-50.51	Peak	
6	5860.0000	2.89	43.97	46.86	109.40	-62.54	AVG	

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

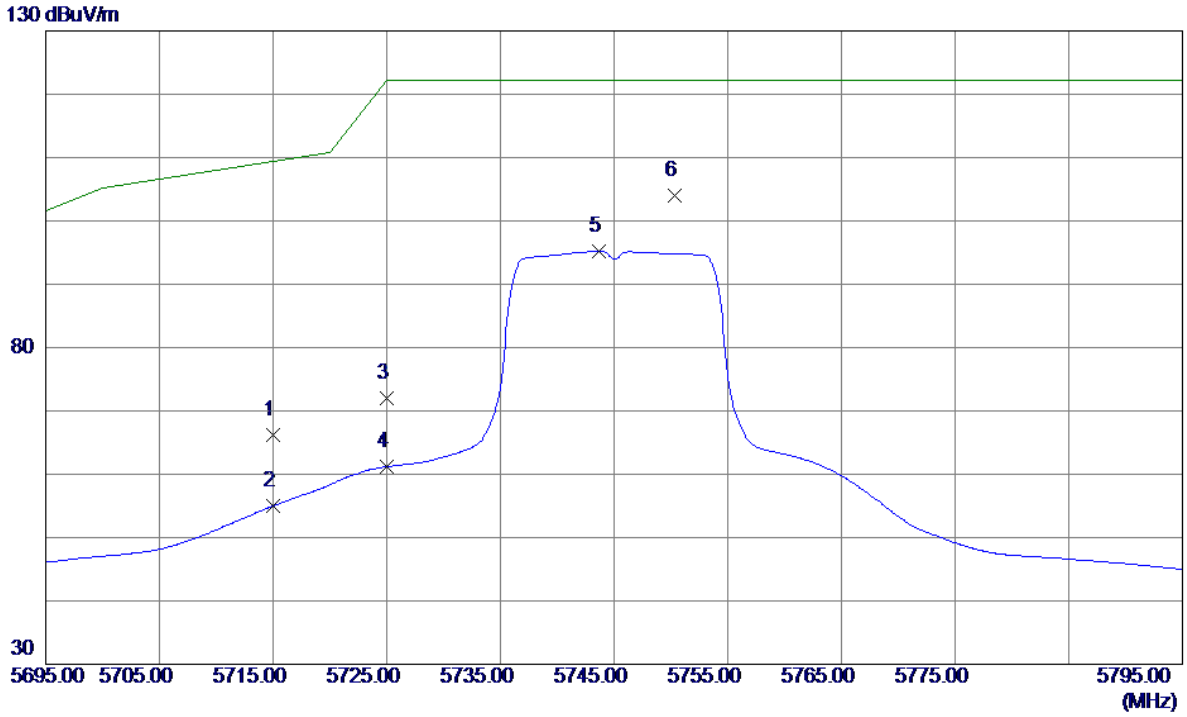
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.2060	40.02	3.57	43.59	74.00	-30.41	Peak	
2 *	3883.3480	34.45	3.57	38.02	54.00	-15.98	AVG	

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

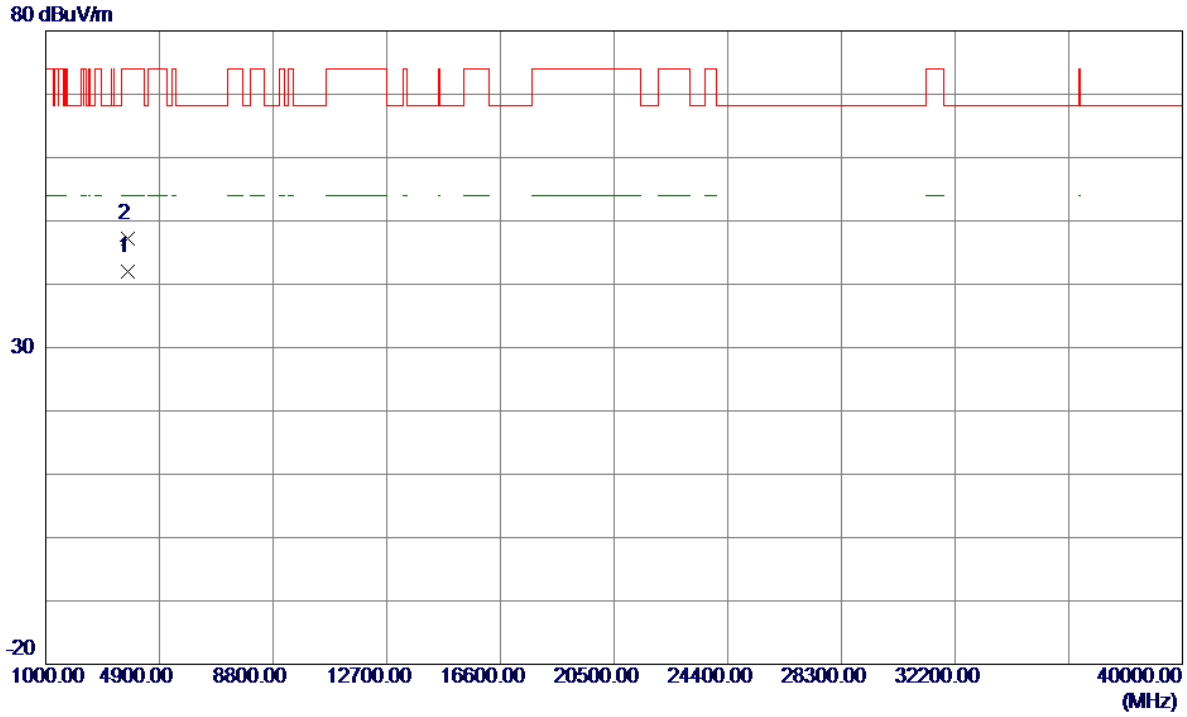
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.75	43.53	66.28	109.40	-43.12	Peak	
2	5715.0000	11.47	43.53	55.00	109.40	-54.40	AVG	
3	5725.0000	28.36	43.56	71.92	122.20	-50.28	Peak	
4	5725.0000	17.62	43.56	61.18	122.20	-61.02	AVG	
5	5743.7000	51.58	43.62	95.20	122.20	-27.00	AVG	
6 *	5750.3000	60.40	43.64	104.04	122.20	-18.16	Peak	

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

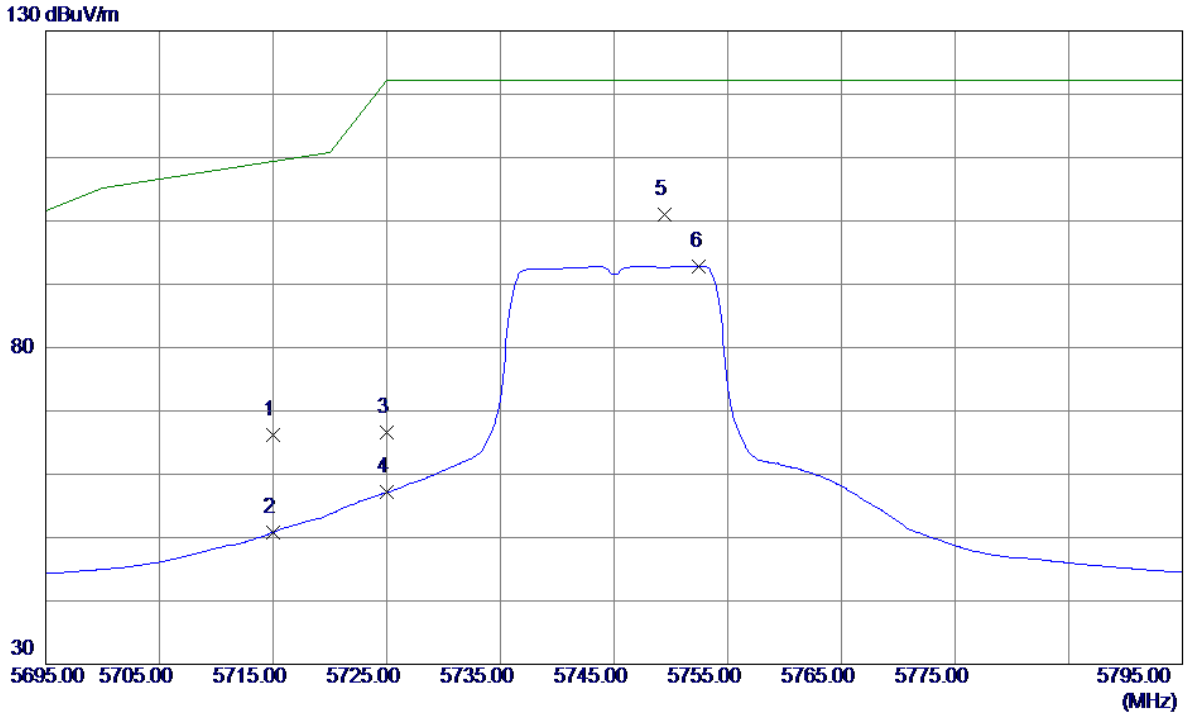
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3829.9820	38.64	3.45	42.09	54.00	-11.91	AVG	
2	3829.9900	43.68	3.45	47.13	74.00	-26.87	Peak	

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

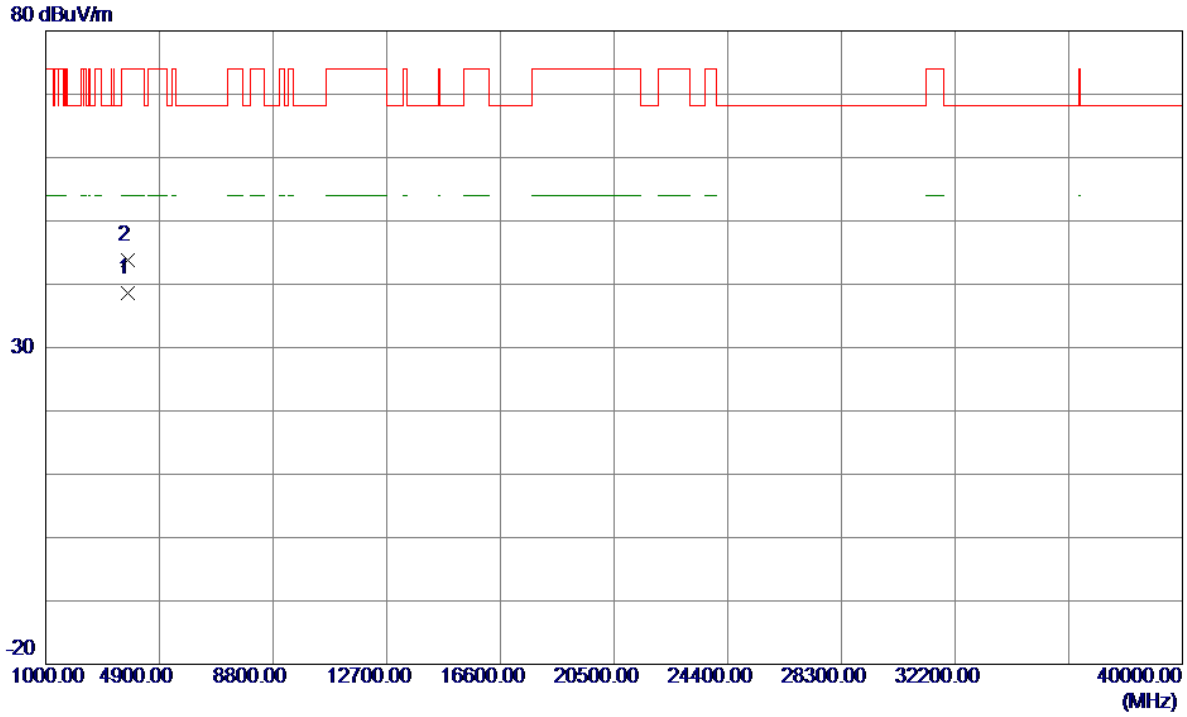
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.72	43.53	66.25	109.40	-43.15	Peak	
2	5715.0000	7.35	43.53	50.88	109.40	-58.52	AVG	
3	5725.0000	23.09	43.56	66.65	122.20	-55.55	Peak	
4	5725.0000	13.57	43.56	57.13	122.20	-65.07	AVG	
5 *	5749.4000	57.38	43.63	101.01	122.20	-21.19	Peak	
6	5752.5000	49.24	43.64	92.88	122.20	-29.32	AVG	

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

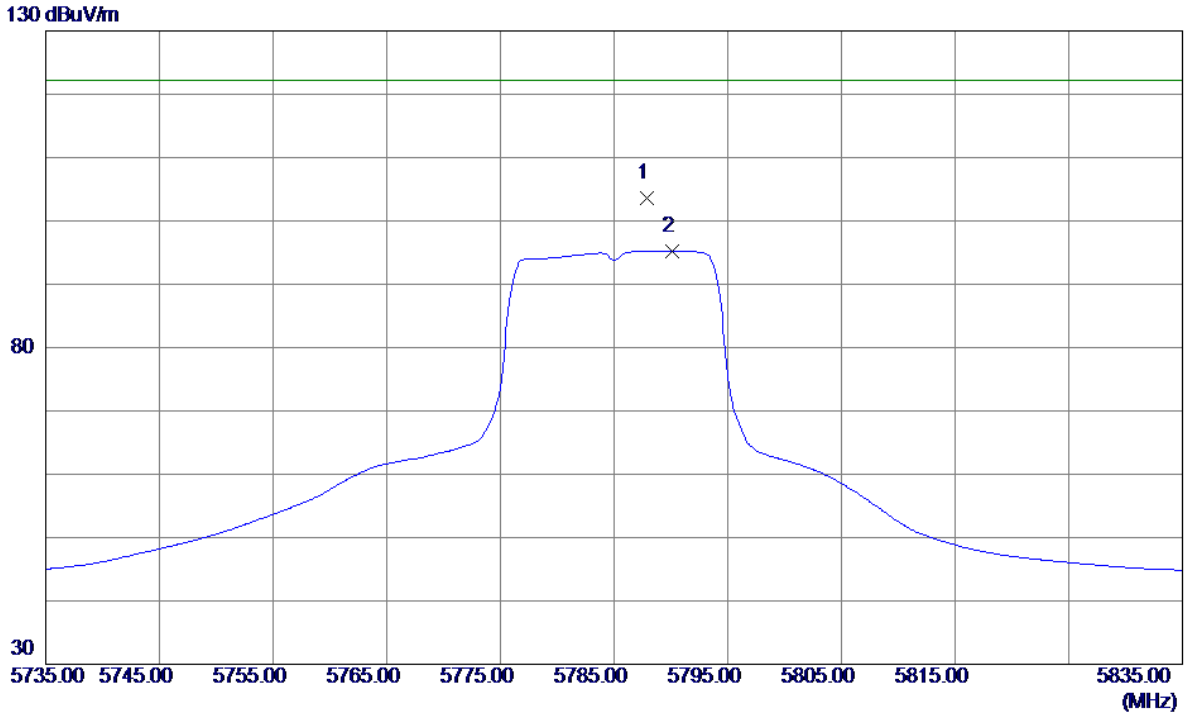
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3830.0260	35.10	3.45	38.55	54.00	-15.45	AVG	
2	3830.0660	40.33	3.45	43.78	74.00	-30.22	Peak	

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

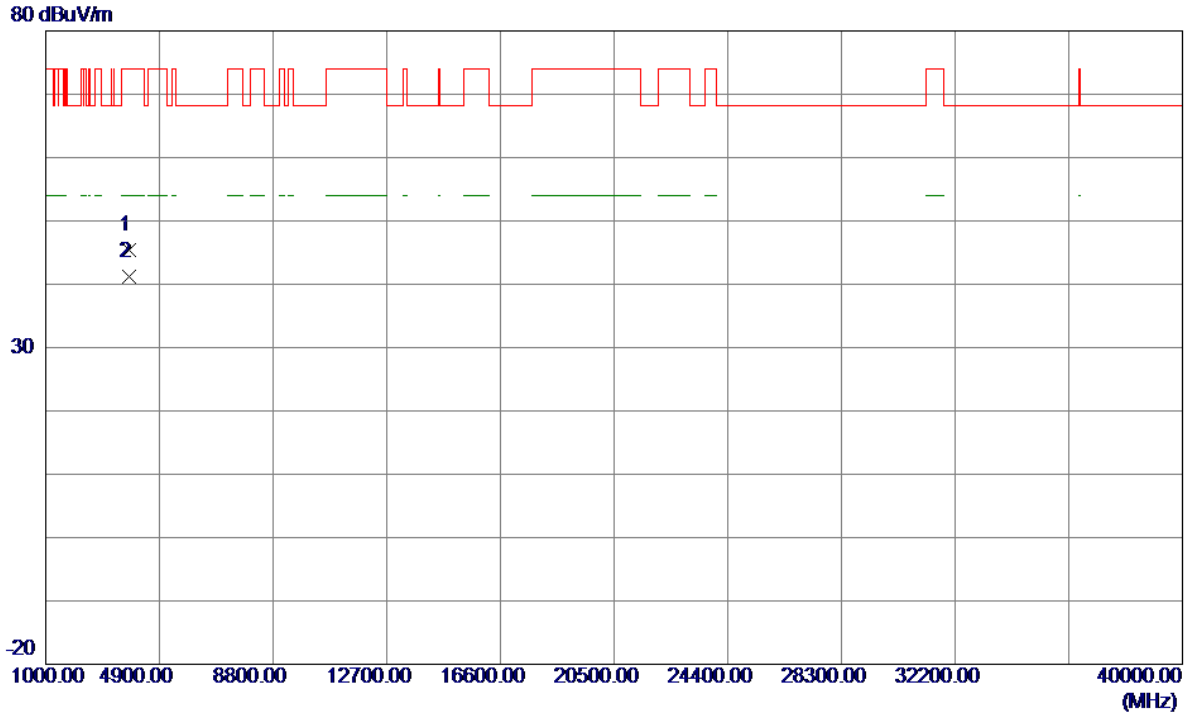
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5787.9000	59.85	43.75	103.60	122.20	-18.60	Peak	
2	5790.1000	51.51	43.76	95.27	122.20	-26.93	AVG	

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

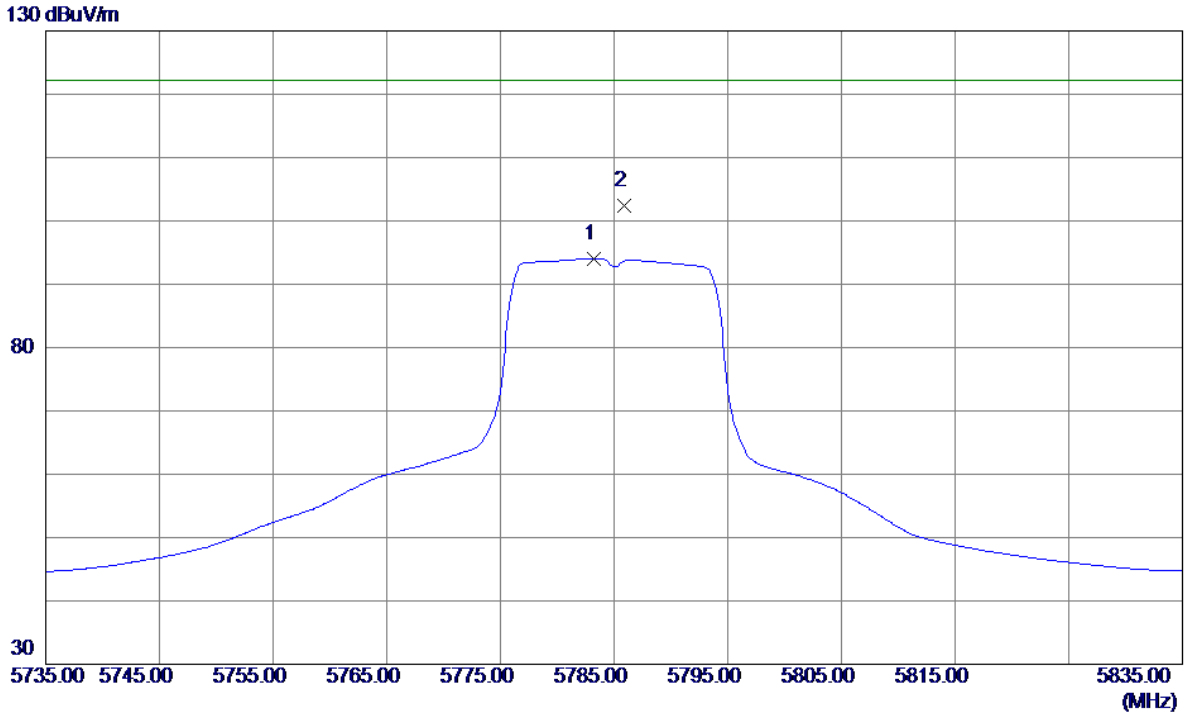
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.5320	41.94	3.51	45.45	74.00	-28.55	Peak	
2 *	3856.6480	37.67	3.51	41.18	54.00	-12.82	AVG	

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

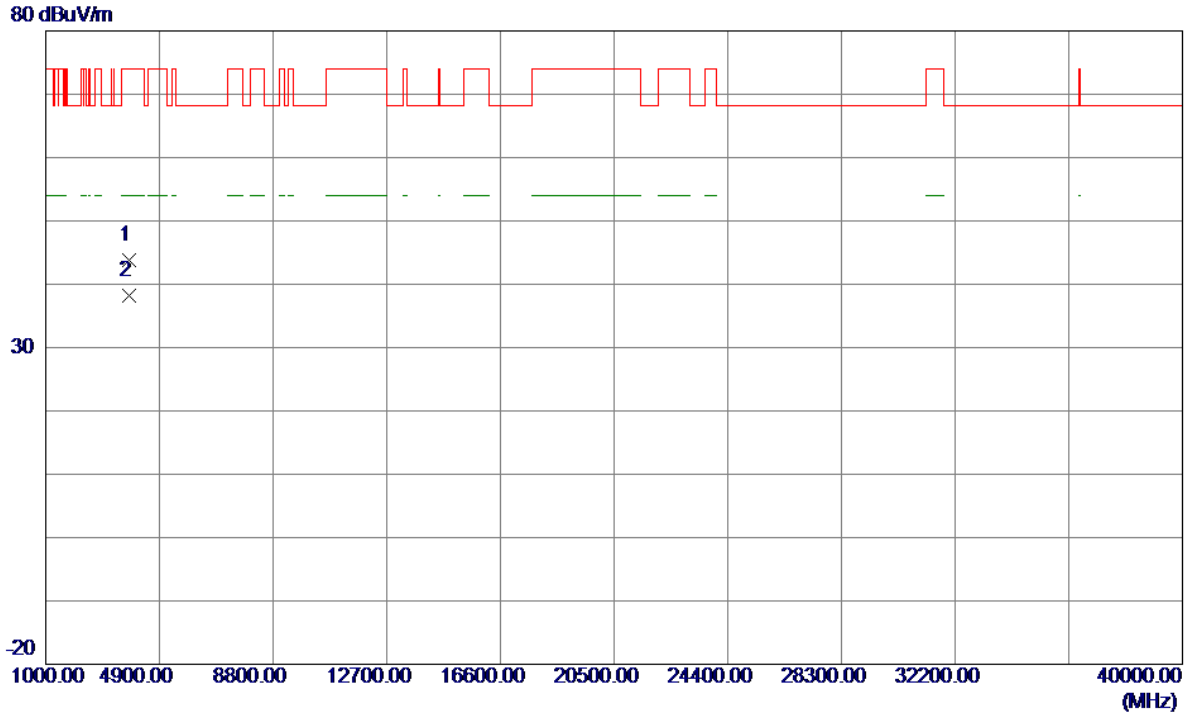
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5783.2000	50.28	43.74	94.02	122.20	-28.18	AVG	
2 *	5785.9000	58.60	43.74	102.34	122.20	-19.86	Peak	

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

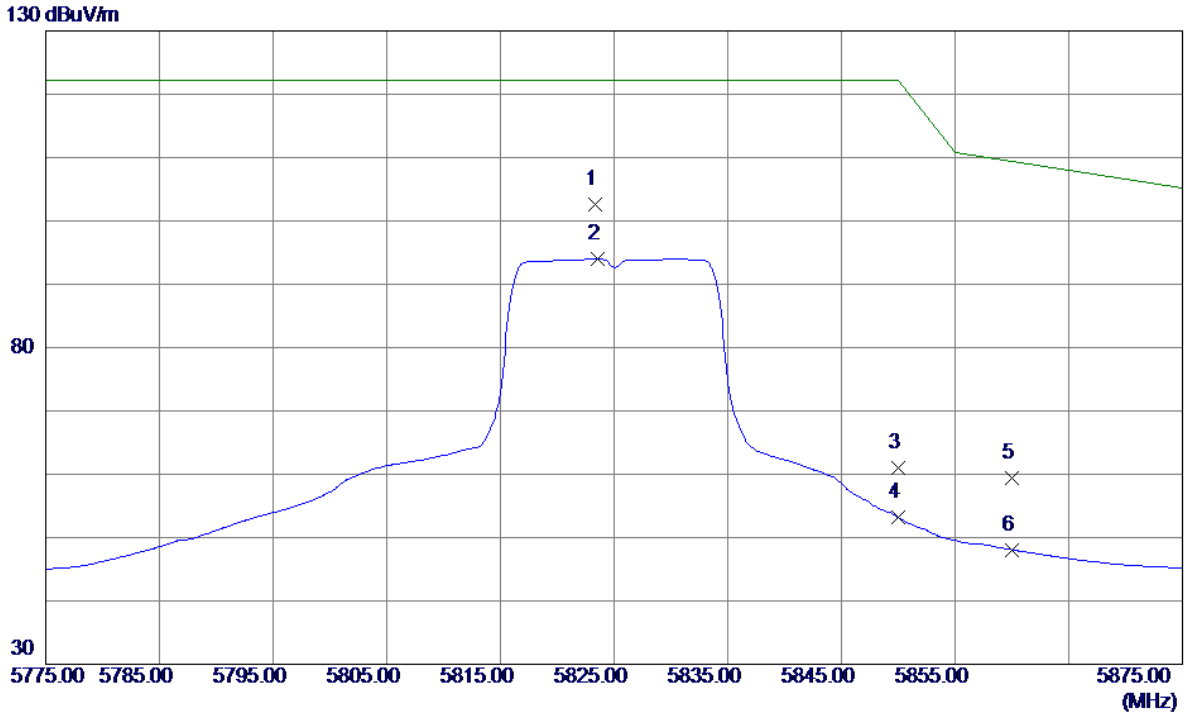
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.6520	40.24	3.51	43.75	74.00	-30.25	Peak	
2 *	3856.6600	34.68	3.51	38.19	54.00	-15.81	AVG	

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

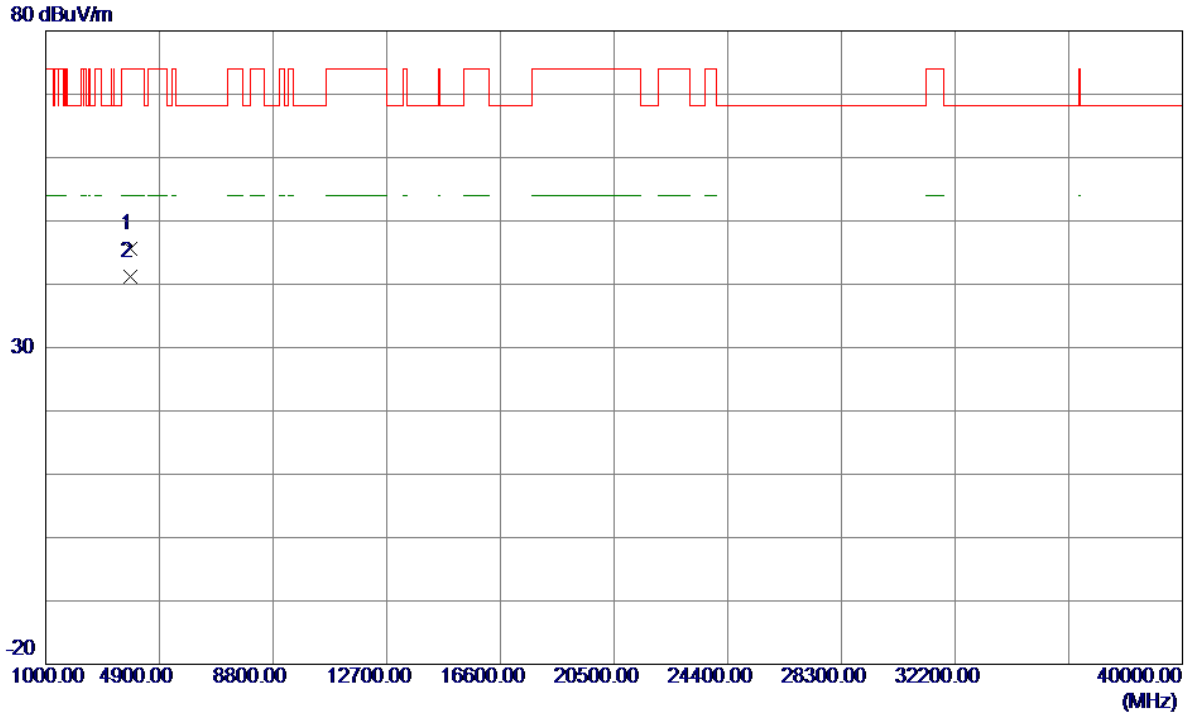
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5823.3000	58.70	43.86	102.56	122.20	-19.64	Peak	
2	5823.6000	50.11	43.86	93.97	122.20	-28.23	AVG	
3	5850.0000	17.13	43.94	61.07	122.20	-61.13	Peak	
4	5850.0000	9.23	43.94	53.17	122.20	-69.03	AVG	
5	5860.0000	15.41	43.97	59.38	109.40	-50.02	Peak	
6	5860.0000	4.11	43.97	48.08	109.40	-61.32	AVG	

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

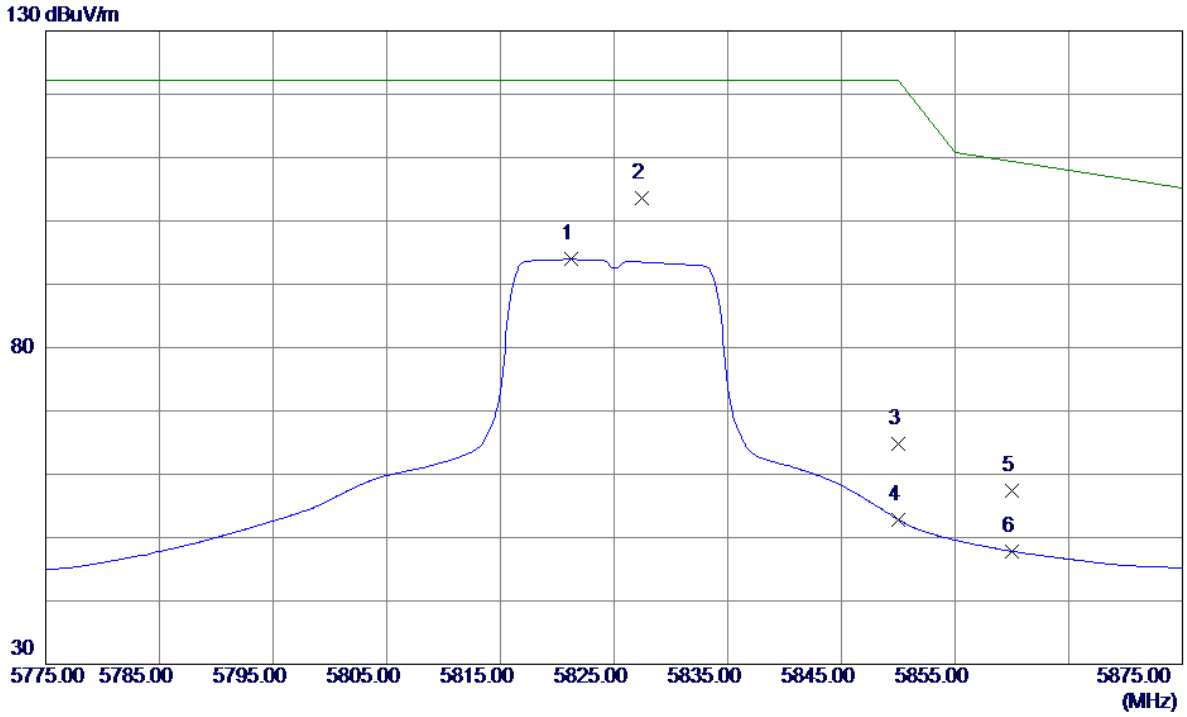
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.2980	41.97	3.57	45.54	74.00	-28.46	Peak	
2 *	3883.3520	37.56	3.57	41.13	54.00	-12.87	AVG	

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

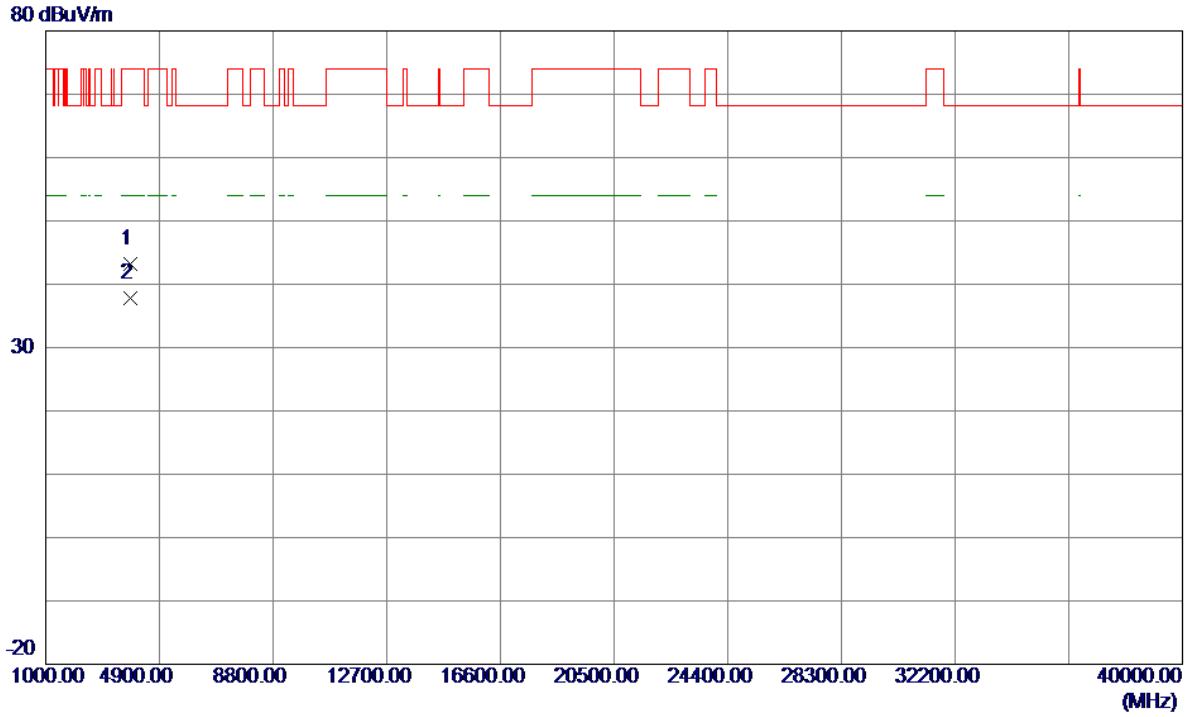
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5821.2000	50.08	43.85	93.93	122.20	-28.27	AVG	
2 *	5827.4000	59.78	43.87	103.65	122.20	-18.55	Peak	
3	5850.0000	20.91	43.94	64.85	122.20	-57.35	Peak	
4	5850.0000	8.89	43.94	52.83	122.20	-69.37	AVG	
5	5860.0000	13.50	43.97	57.47	109.40	-51.93	Peak	
6	5860.0000	3.86	43.97	47.83	109.40	-61.57	AVG	

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

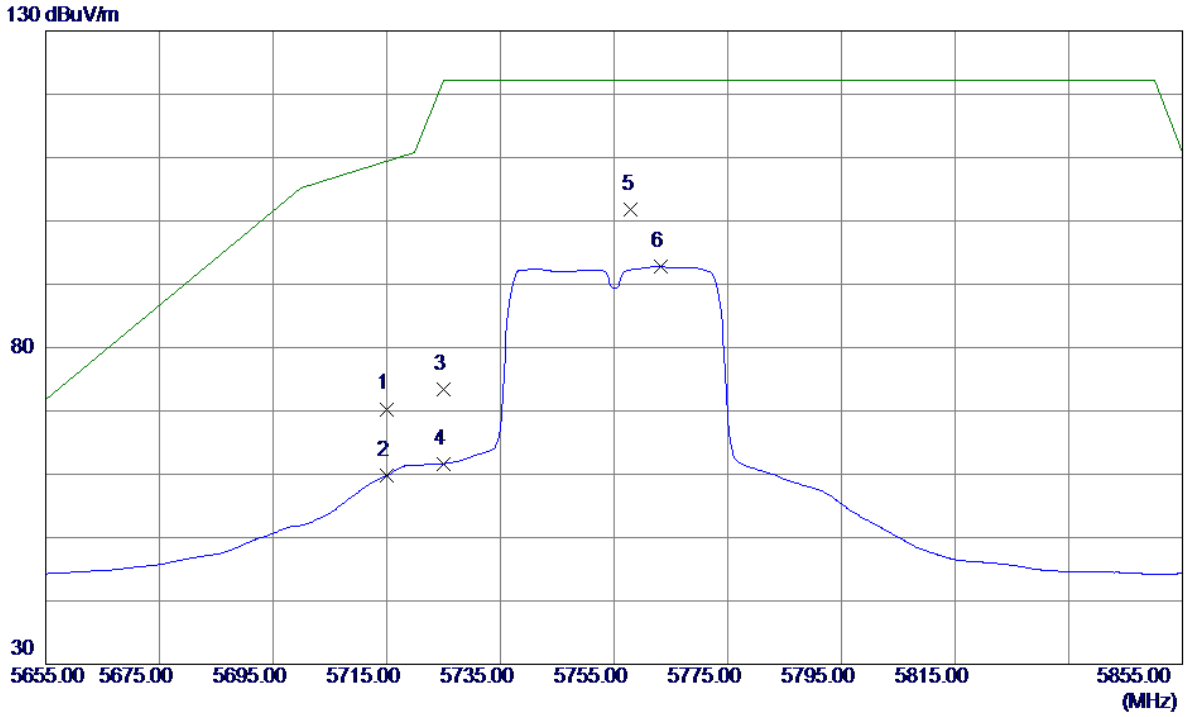
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.3100	39.69	3.57	43.26	74.00	-30.74	Peak	
2 *	3883.3160	34.19	3.57	37.76	54.00	-16.24	AVG	

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

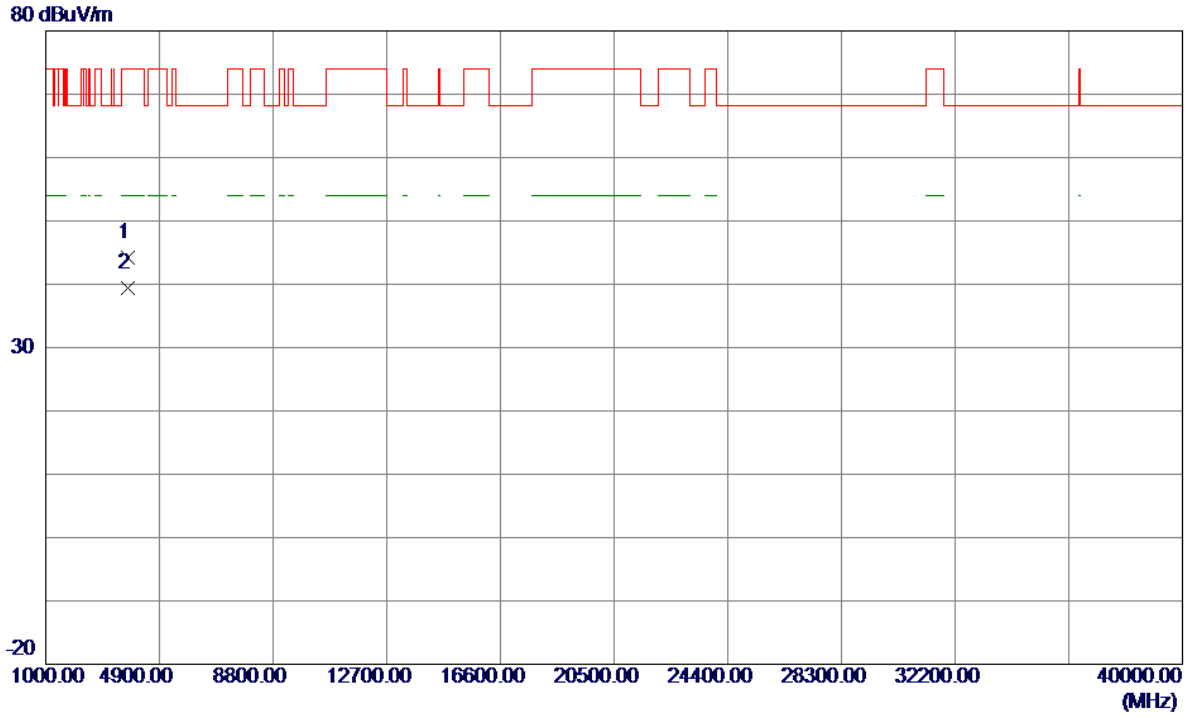
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.77	43.53	70.30	109.40	-39.10	Peak	
2	5715.0000	16.29	43.53	59.82	109.40	-49.58	AVG	
3	5725.0000	29.88	43.56	73.44	122.20	-48.76	Peak	
4	5725.0000	18.07	43.56	61.63	122.20	-60.57	AVG	
5 *	5758.0000	58.09	43.66	101.75	122.20	-20.45	Peak	
6	5763.2000	49.12	43.67	92.79	122.20	-29.41	AVG	

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

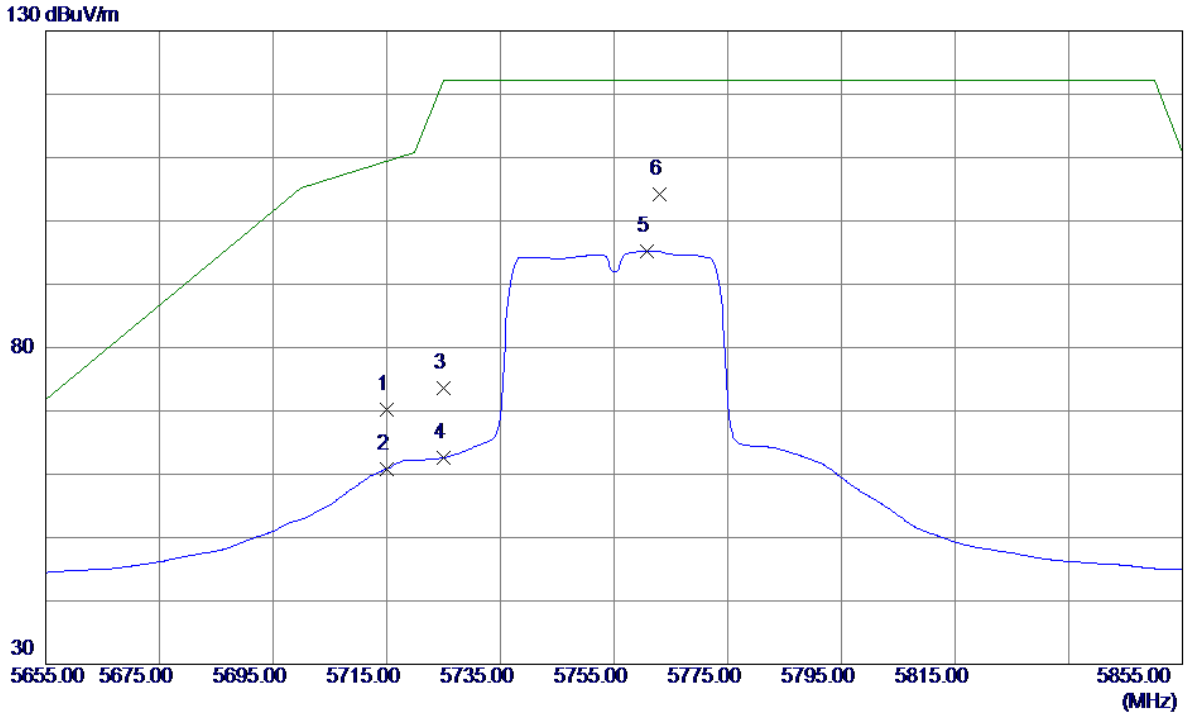
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3836.6920	40.76	3.47	44.23	74.00	-29.77	Peak	
2 *	3836.6980	35.95	3.47	39.42	54.00	-14.58	AVG	

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

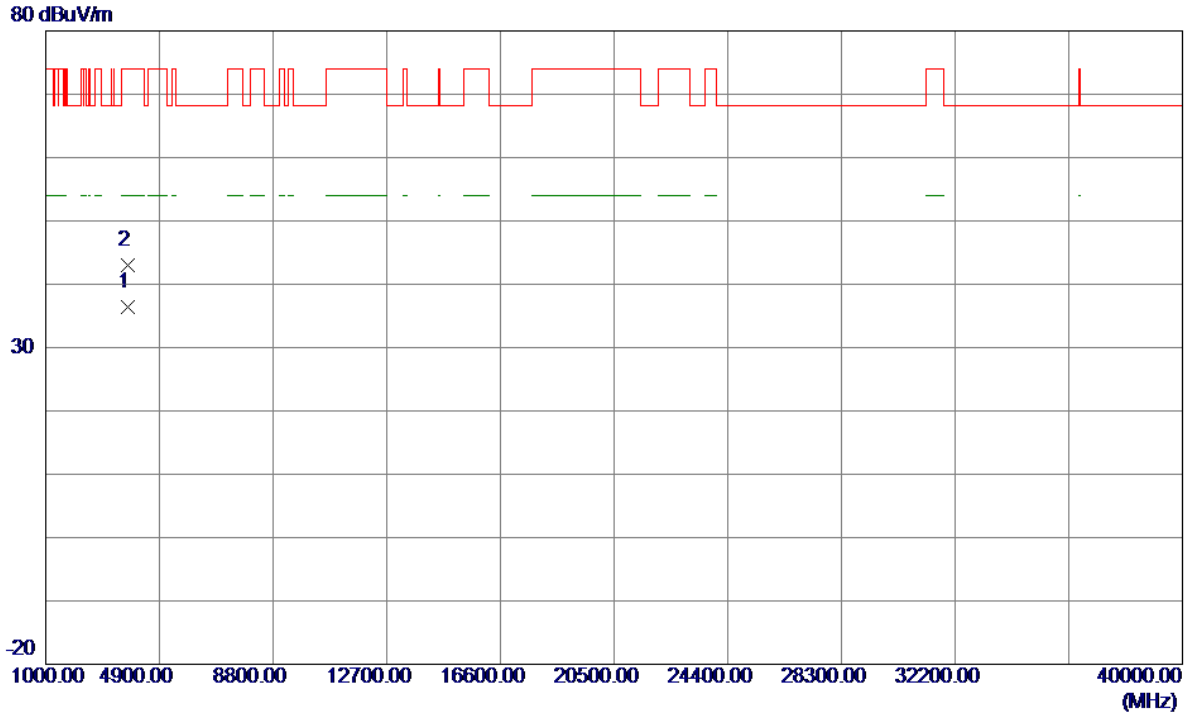
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.61	43.53	70.14	109.40	-39.26	Peak	
2	5715.0000	17.34	43.53	60.87	109.40	-48.53	AVG	
3	5725.0000	30.06	43.56	73.62	122.20	-48.58	Peak	
4	5725.0000	19.03	43.56	62.59	122.20	-59.61	AVG	
5	5760.8000	51.56	43.67	95.23	122.20	-26.97	AVG	
6 *	5763.0000	60.47	43.67	104.14	122.20	-18.06	Peak	

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

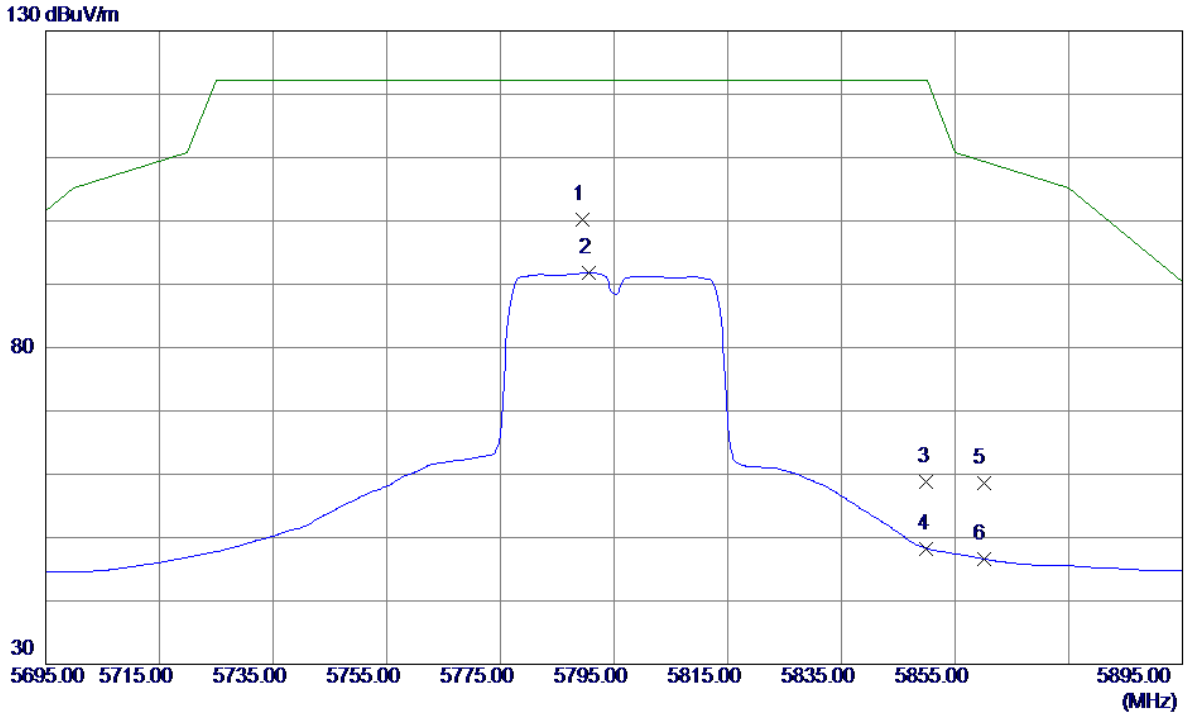
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3836.6780	32.86	3.47	36.33	54.00	-17.67	AVG	
2	3836.9800	39.58	3.47	43.05	74.00	-30.95	Peak	

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

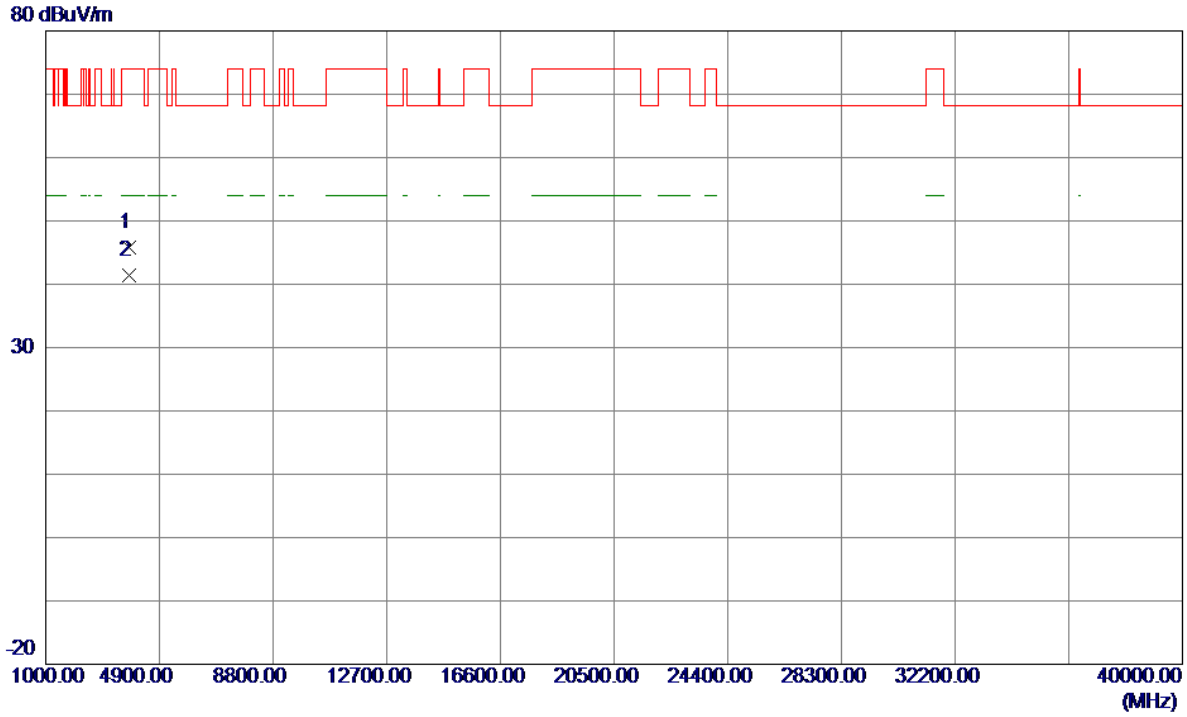
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5789.4000	56.36	43.75	100.11	122.20	-22.09	Peak	
2	5790.6000	48.01	43.76	91.77	122.20	-30.43	AVG	
3	5850.0000	14.93	43.94	58.87	122.20	-63.33	Peak	
4	5850.0000	4.33	43.94	48.27	122.20	-73.93	AVG	
5	5860.0000	14.62	43.97	58.59	109.40	-50.81	Peak	
6	5860.0000	2.67	43.97	46.64	109.40	-62.76	AVG	

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

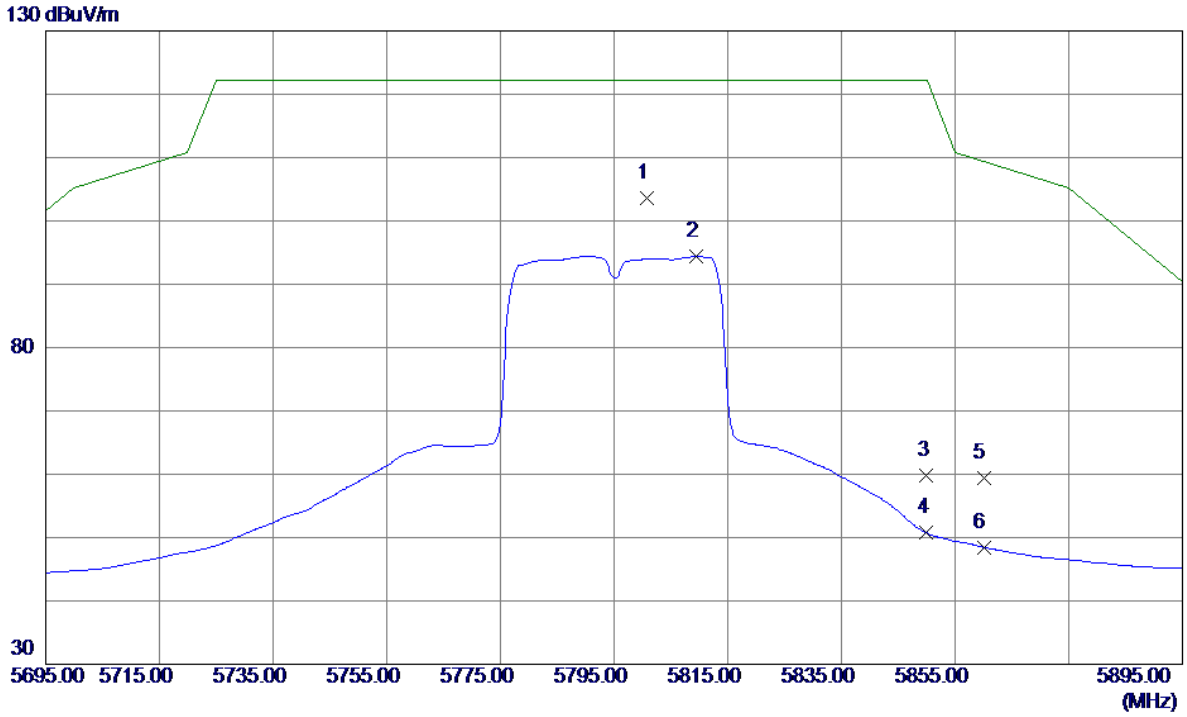
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3863.2860	42.31	3.53	45.84	74.00	-28.16	Peak	
2 *	3863.3160	37.95	3.53	41.48	54.00	-12.52	AVG	

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

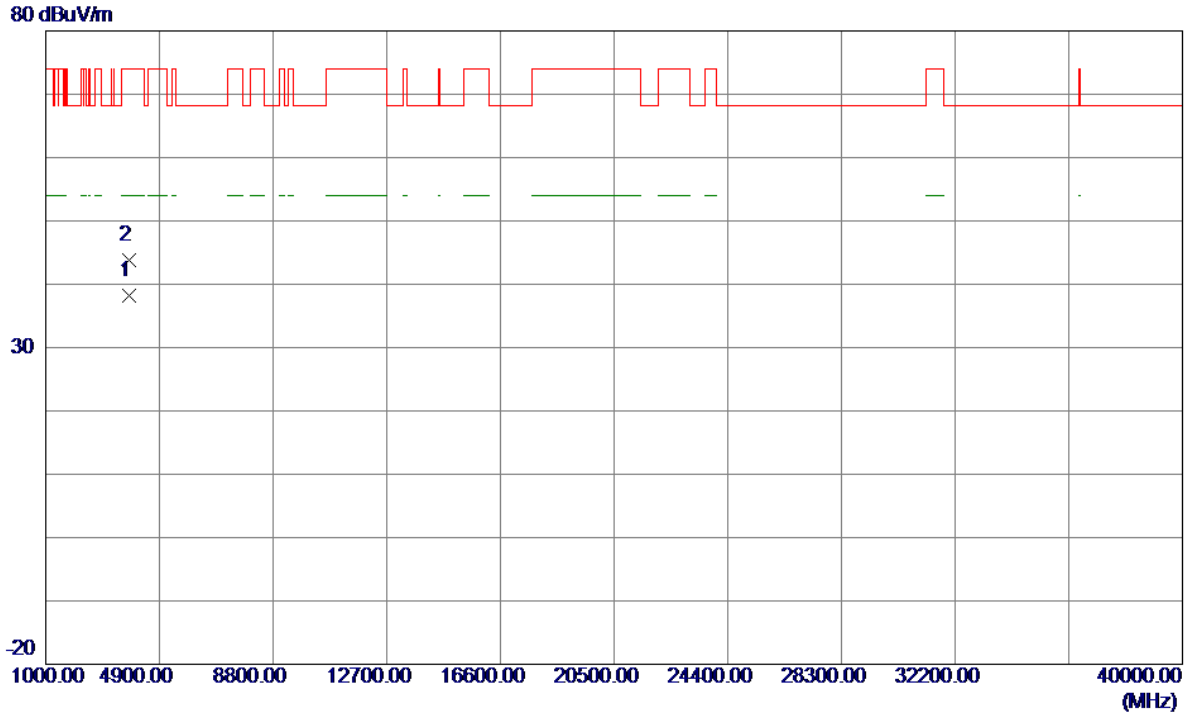
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5800.8000	59.72	43.79	103.51	122.20	-18.69	Peak	
2	5809.4000	50.55	43.81	94.36	122.20	-27.84	AVG	
3	5850.0000	15.86	43.94	59.80	122.20	-62.40	Peak	
4	5850.0000	6.77	43.94	50.71	122.20	-71.49	AVG	
5	5860.0000	15.35	43.97	59.32	109.40	-50.08	Peak	
6	5860.0000	4.52	43.97	48.49	109.40	-60.91	AVG	

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

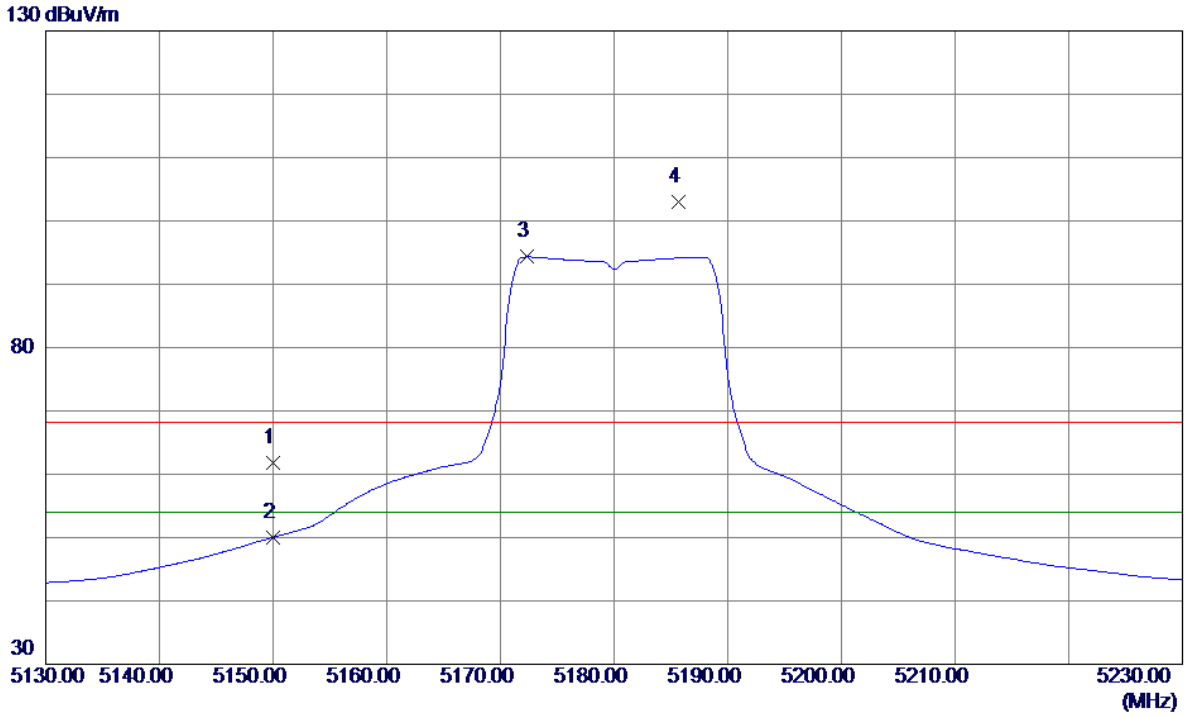
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3863.2990	34.73	3.53	38.26	54.00	-15.74	AVG	
2	3863.4250	40.18	3.53	43.71	74.00	-30.29	Peak	

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

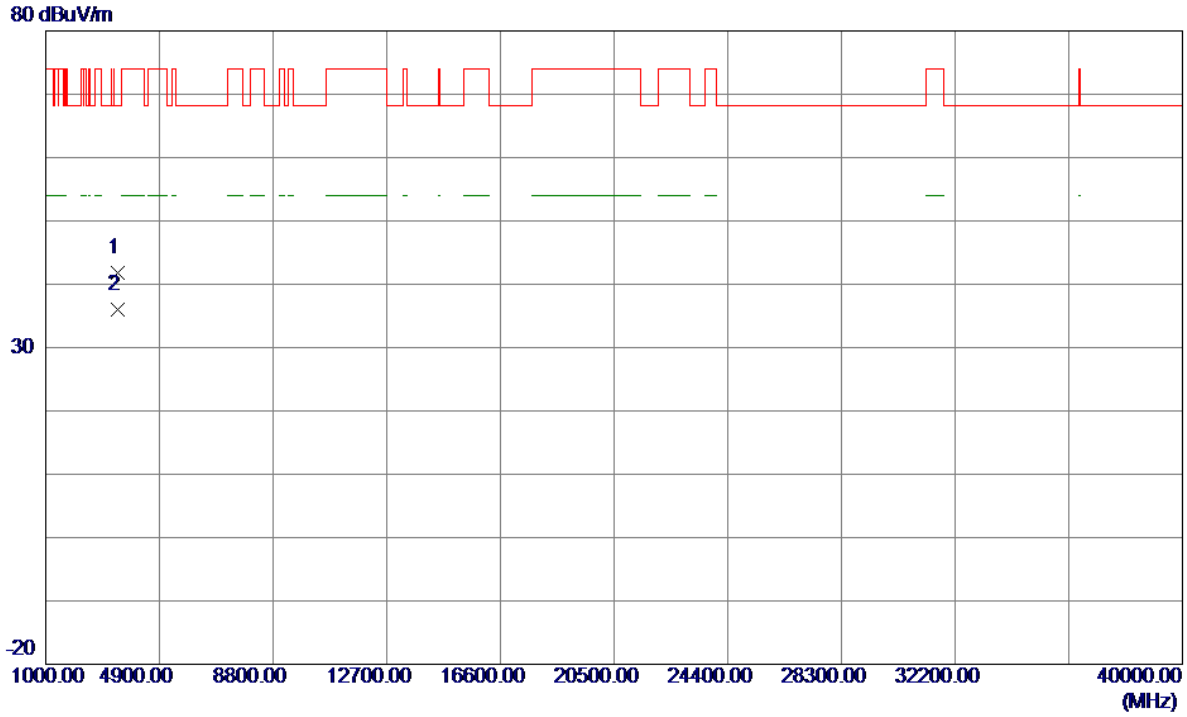
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.72	41.10	61.82	68.30	-6.48	Peak	
2	5150.0000	8.96	41.10	50.06	54.00	-3.94	AVG	
3 *	5172.3000	53.10	41.22	94.32	54.00	40.32	AVG	No Limit
4	5185.7000	61.70	41.28	102.98	68.30	34.68	Peak	No Limit

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

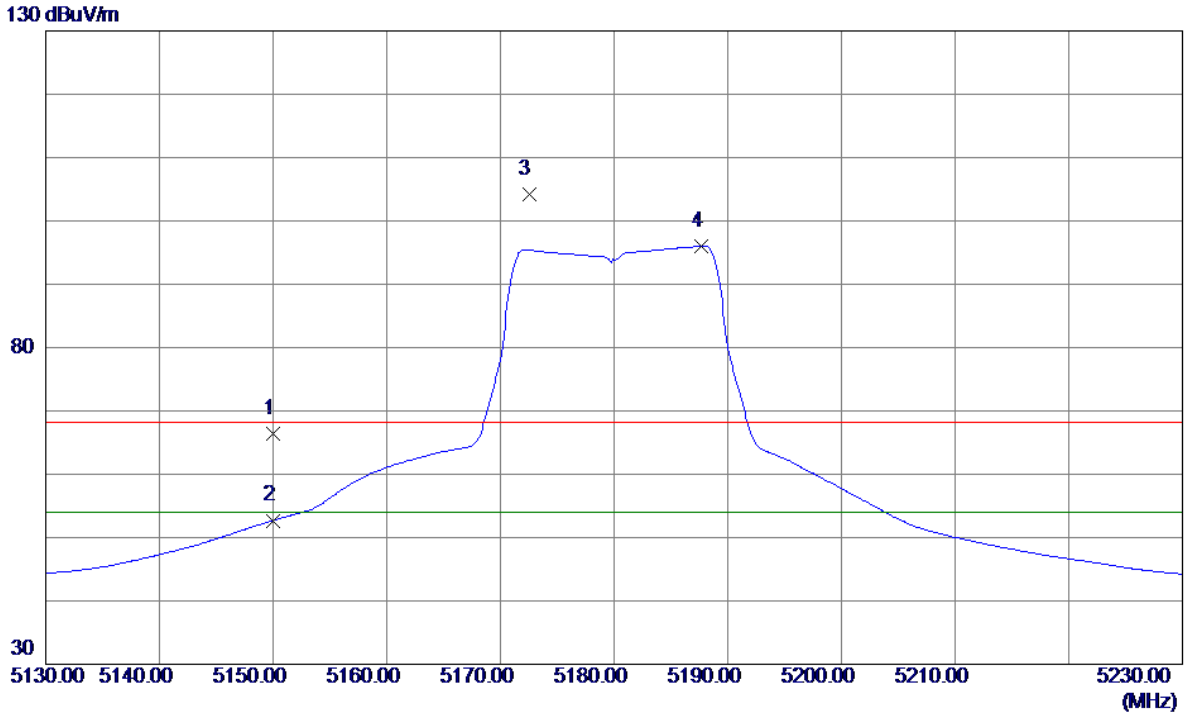
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3453.2090	39.14	2.61	41.75	68.30	-26.55	Peak	
2	3453.2690	33.39	2.61	36.00	999.00	-963.00	AVG	

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

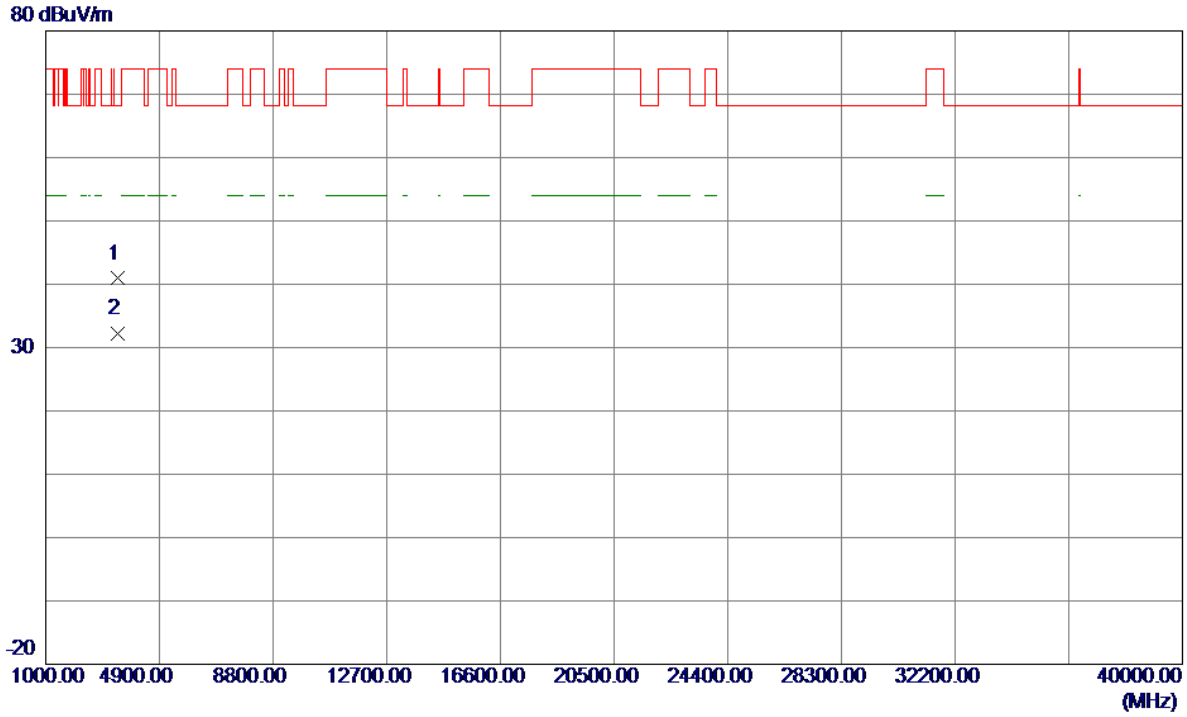
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.33	41.10	66.43	68.30	-1.87	Peak	
2	5150.0000	11.60	41.10	52.70	54.00	-1.30	AVG	
3	5172.5000	62.92	41.22	104.14	68.30	35.84	Peak	No Limit
4 *	5187.7000	54.74	41.29	96.03	54.00	42.03	AVG	No Limit

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

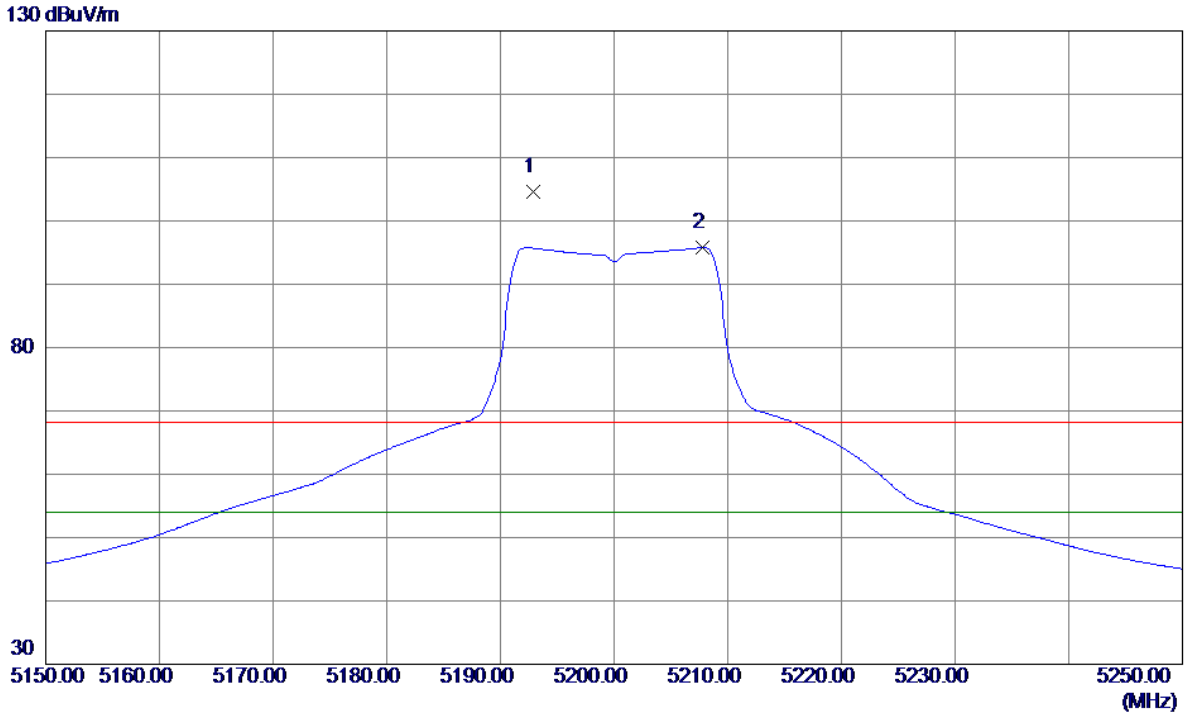
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3452.7350	38.29	2.61	40.90	68.30	-27.40	Peak	
2	3453.3090	29.56	2.61	32.17	999.00	-966.83	AVG	

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

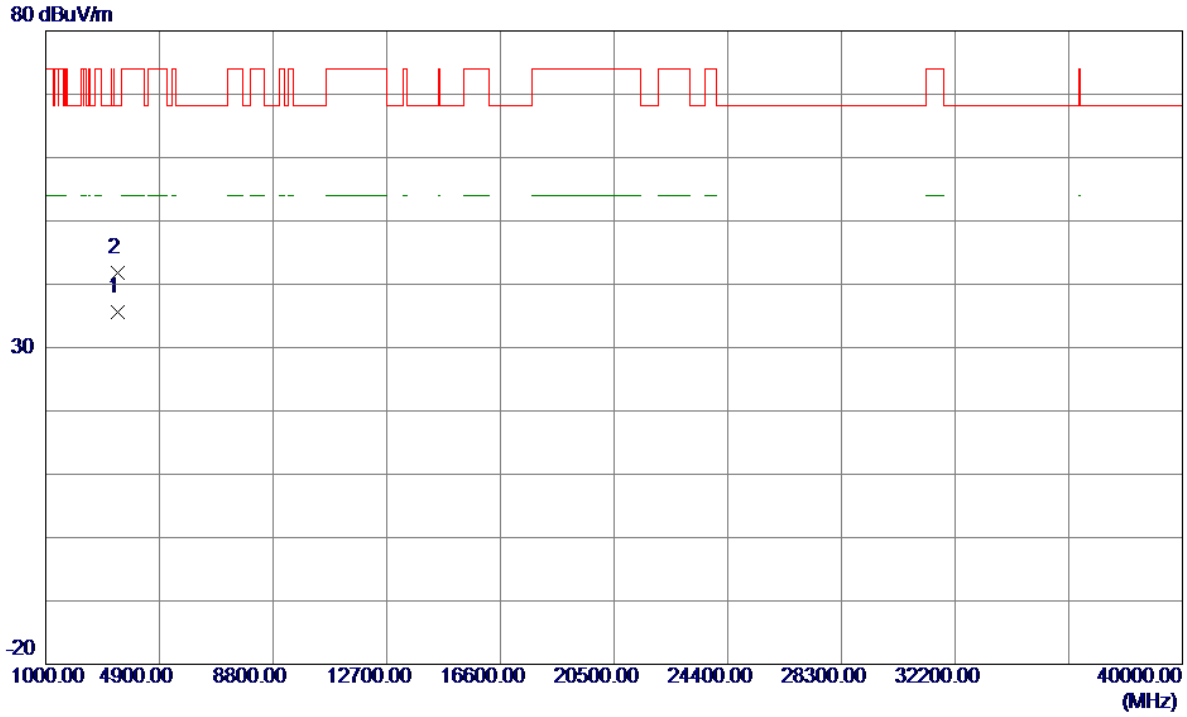
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.9000	63.19	41.32	104.51	68.30	36.21	Peak	No Limit
2 *	5207.8000	54.39	41.40	95.79	54.00	41.79	AVG	No Limit

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

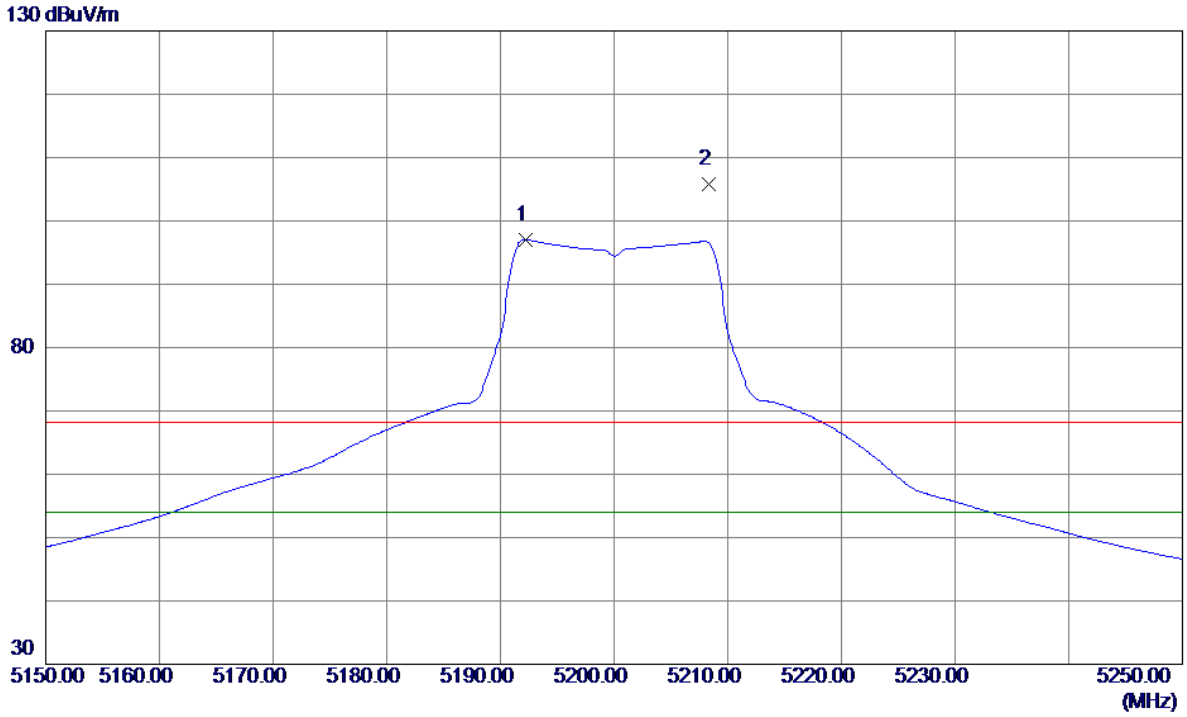
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3466.6730	32.87	2.65	35.52	999.00	-963.48	AVG	
2 *	3466.8190	39.07	2.65	41.72	68.30	-26.58	Peak	

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

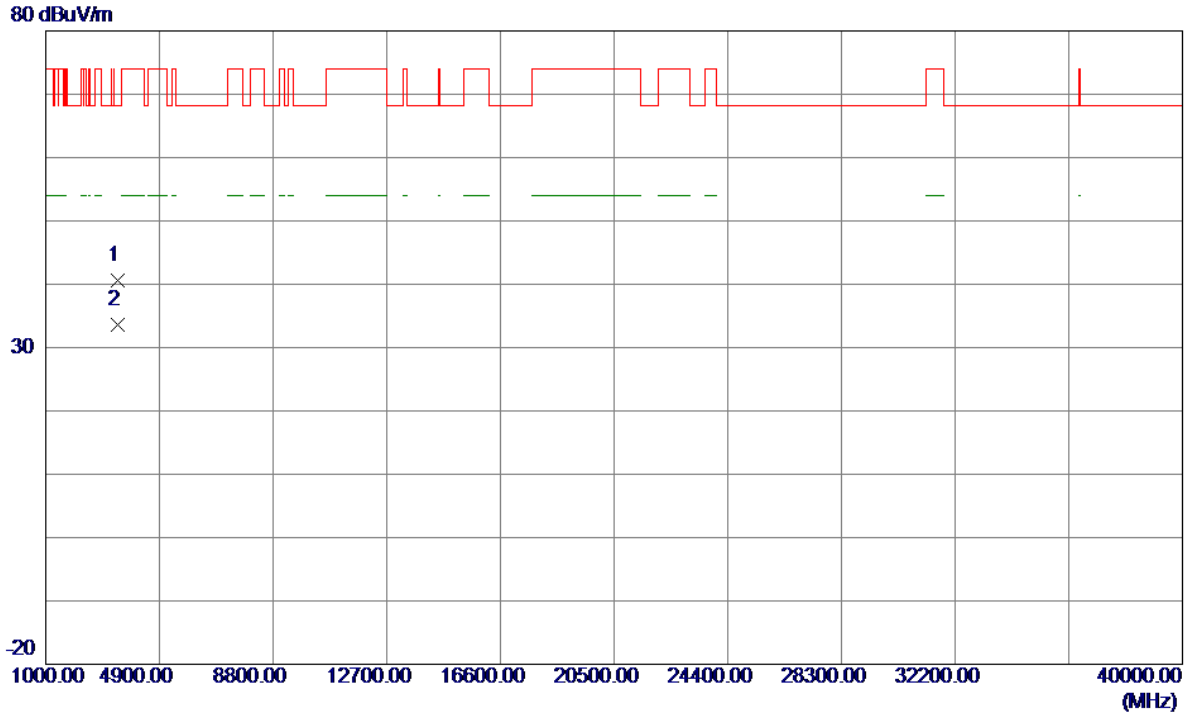
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.2000	55.67	41.32	96.99	54.00	42.99	AVG	No Limit
2	5208.3000	64.39	41.40	105.79	68.30	37.49	Peak	No Limit

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

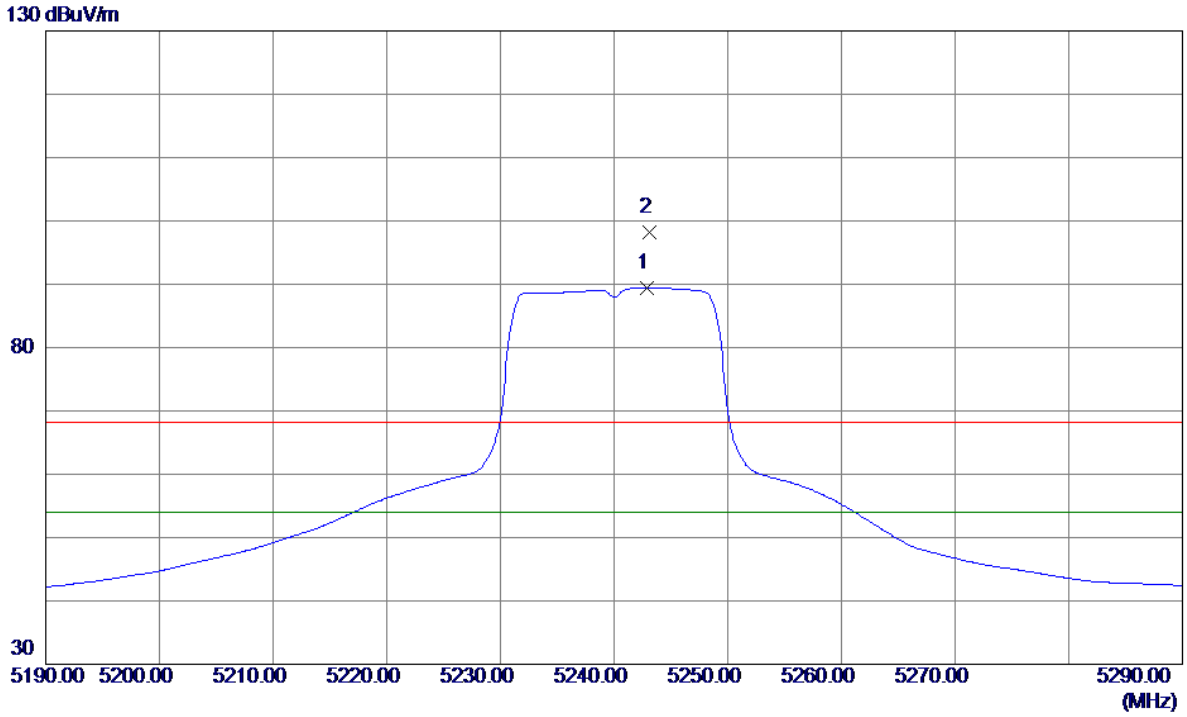
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3466.4750	38.05	2.64	40.69	68.30	-27.61	Peak	
2	3466.7050	30.89	2.65	33.54	999.00	-965.46	AVG	

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

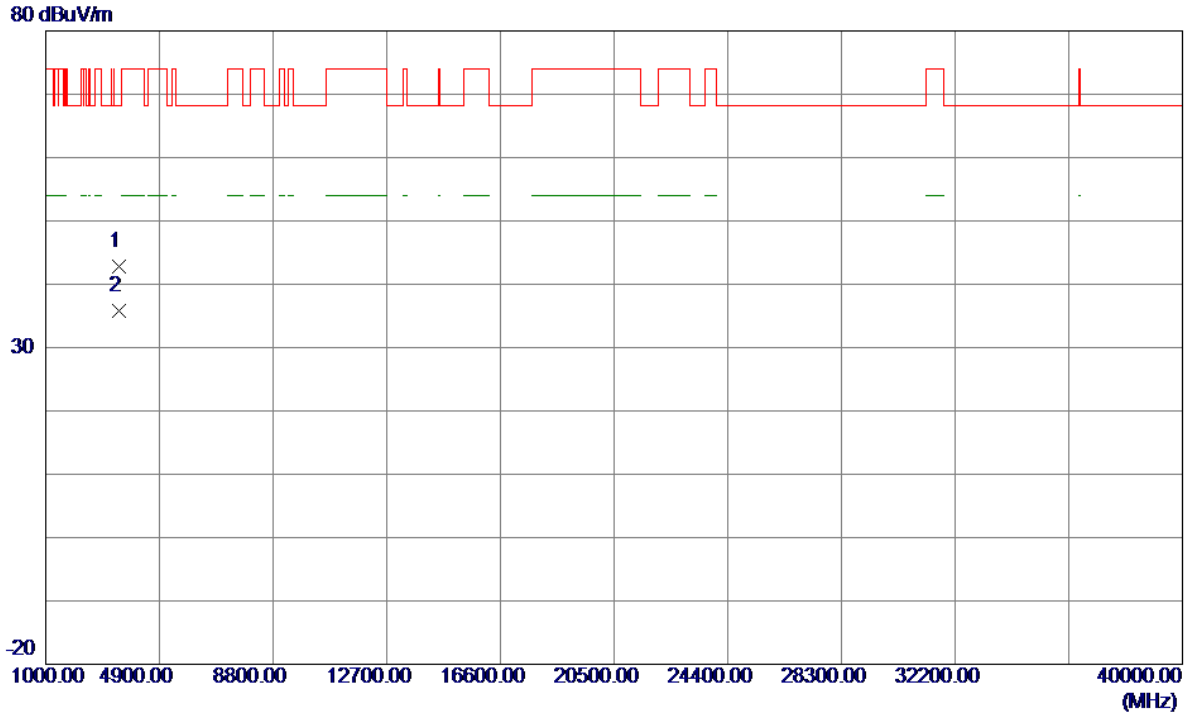
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5242.9000	47.78	41.57	89.35	54.00	35.35	AVG	No Limit
2	5243.1000	56.64	41.57	98.21	68.30	29.91	Peak	No Limit

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

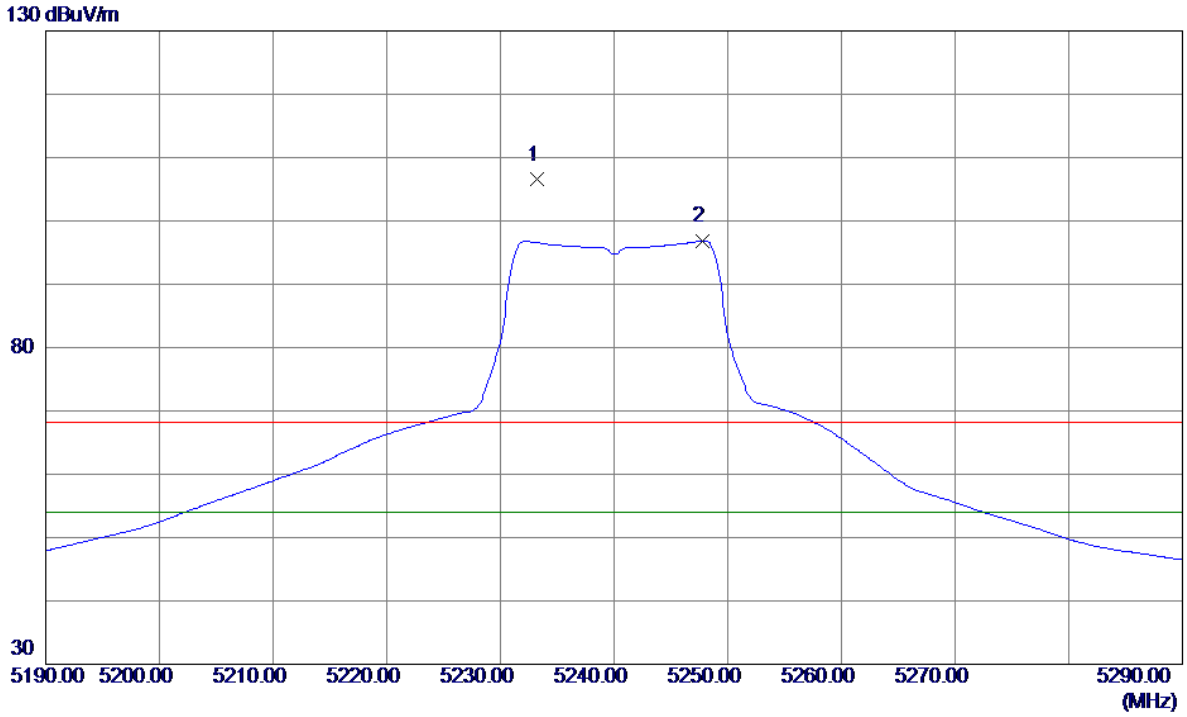
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3493.3070	40.10	2.71	42.81	68.30	-25.49	Peak	
2	3493.3210	33.09	2.71	35.80	999.00	-963.20	AVG	

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

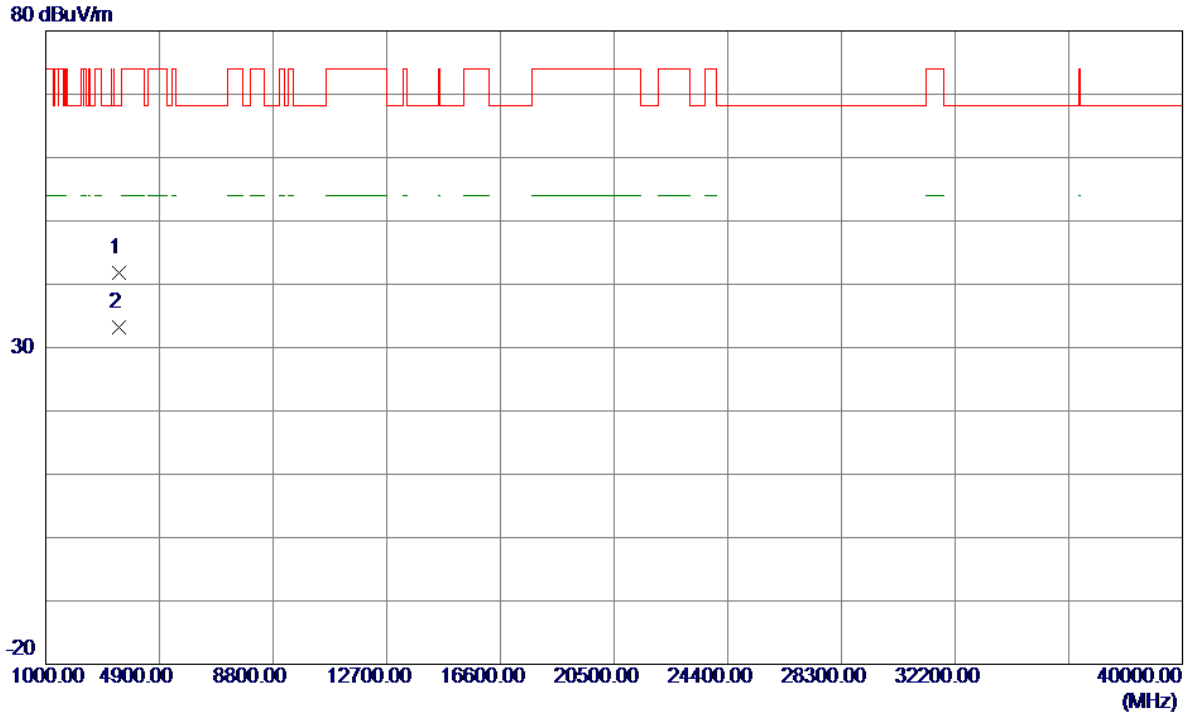
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.2000	64.98	41.52	106.50	68.30	38.20	Peak	No Limit
2 *	5247.8000	55.25	41.60	96.85	54.00	42.85	AVG	No Limit

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

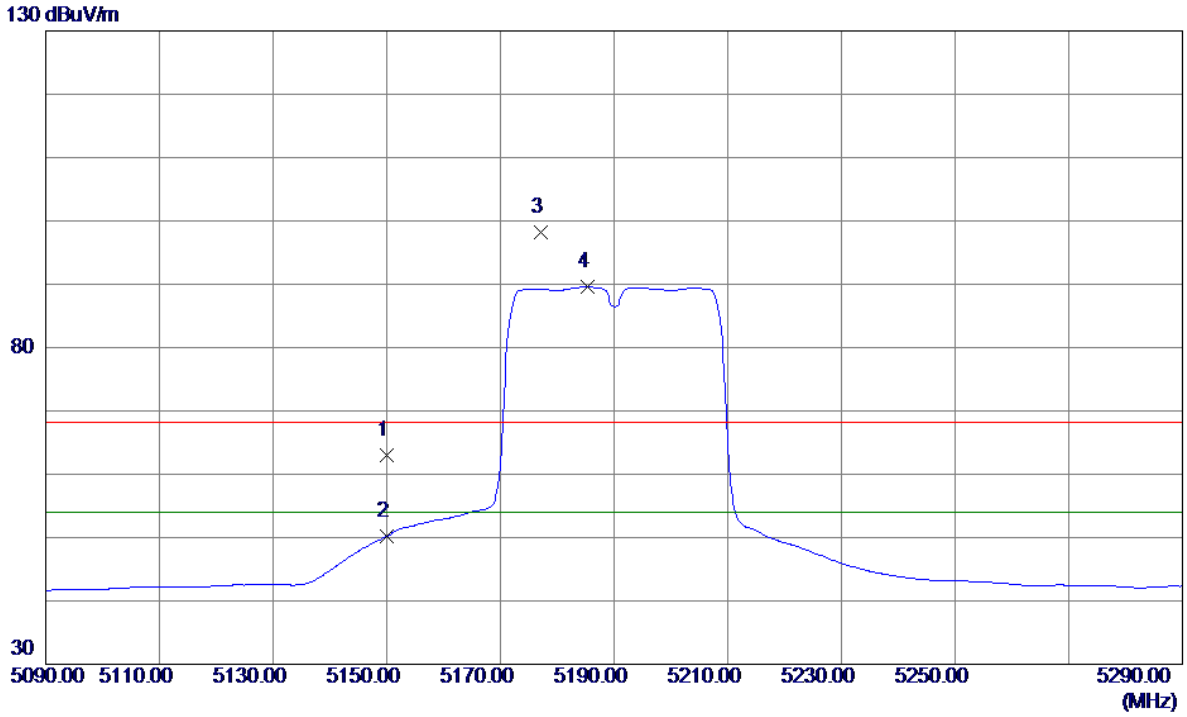
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3493.3410	39.06	2.71	41.77	68.30	-26.53	Peak	
2	3493.3430	30.54	2.71	33.25	999.00	-965.75	AVG	

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

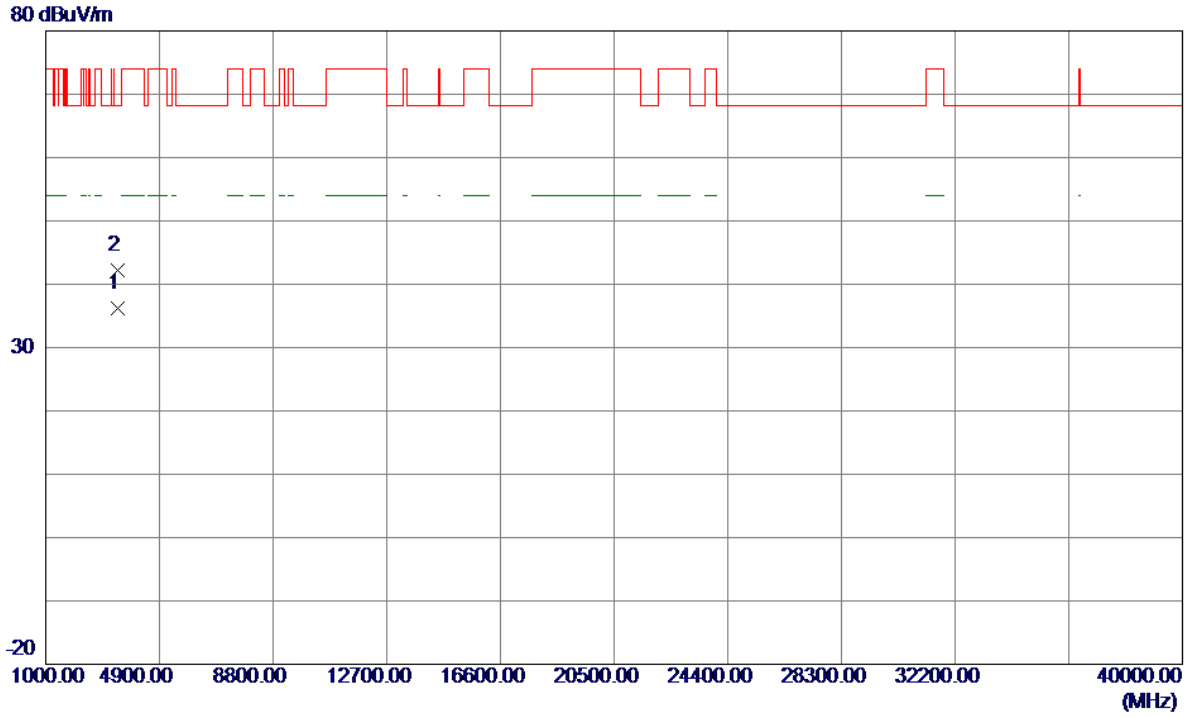
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.95	41.10	63.05	68.30	-5.25	Peak	
2	5150.0000	9.11	41.10	50.21	54.00	-3.79	AVG	
3	5177.2000	57.03	41.24	98.27	68.30	29.97	Peak	No Limit
4 *	5185.4000	48.28	41.28	89.56	54.00	35.56	AVG	No Limit

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

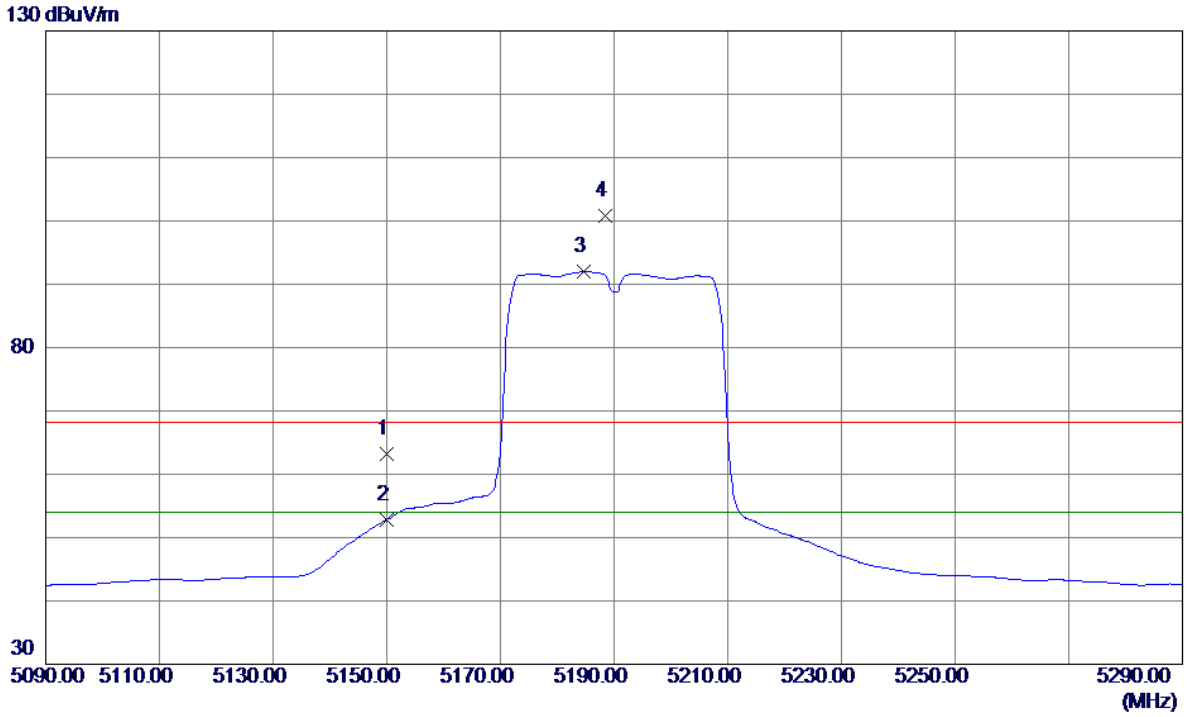
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3460.0010	33.59	2.63	36.22	999.00	-962.78	AVG	
2 *	3460.0190	39.53	2.63	42.16	68.30	-26.14	Peak	

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

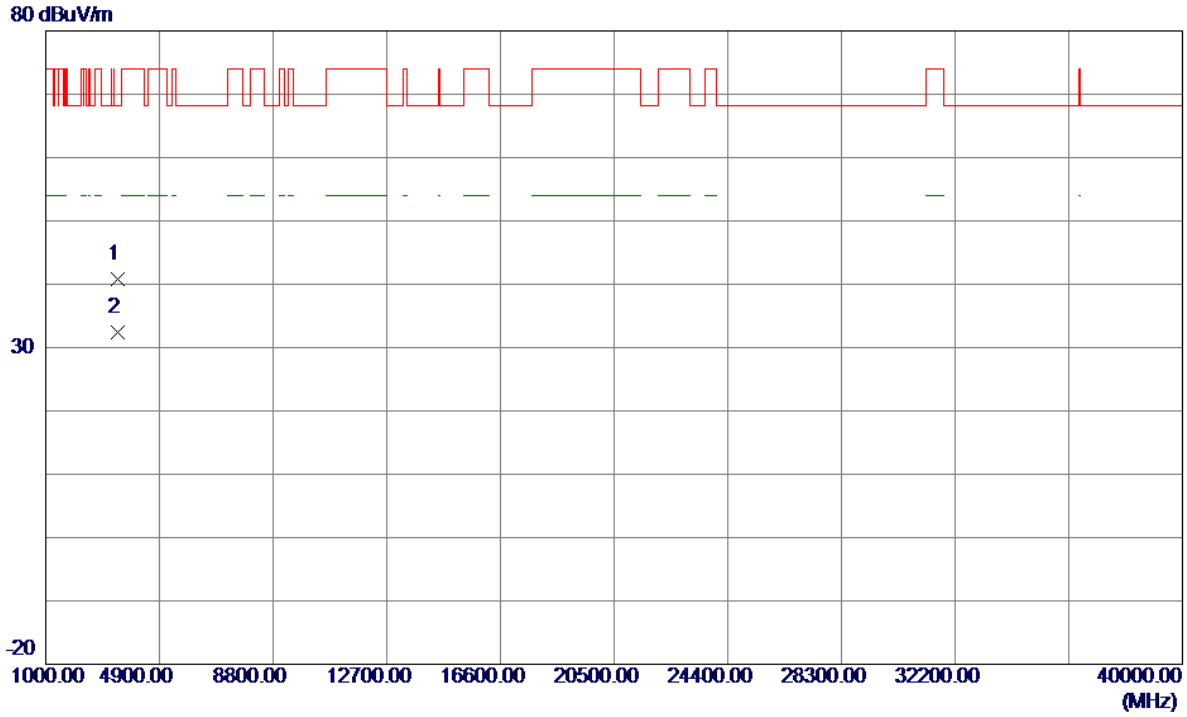
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.13	41.10	63.23	68.30	-5.07	Peak	
2	5150.0000	11.72	41.10	52.82	54.00	-1.18	AVG	
3 *	5184.6000	50.66	41.28	91.94	54.00	37.94	AVG	No Limit
4	5188.4000	59.58	41.30	100.88	68.30	32.58	Peak	No Limit

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

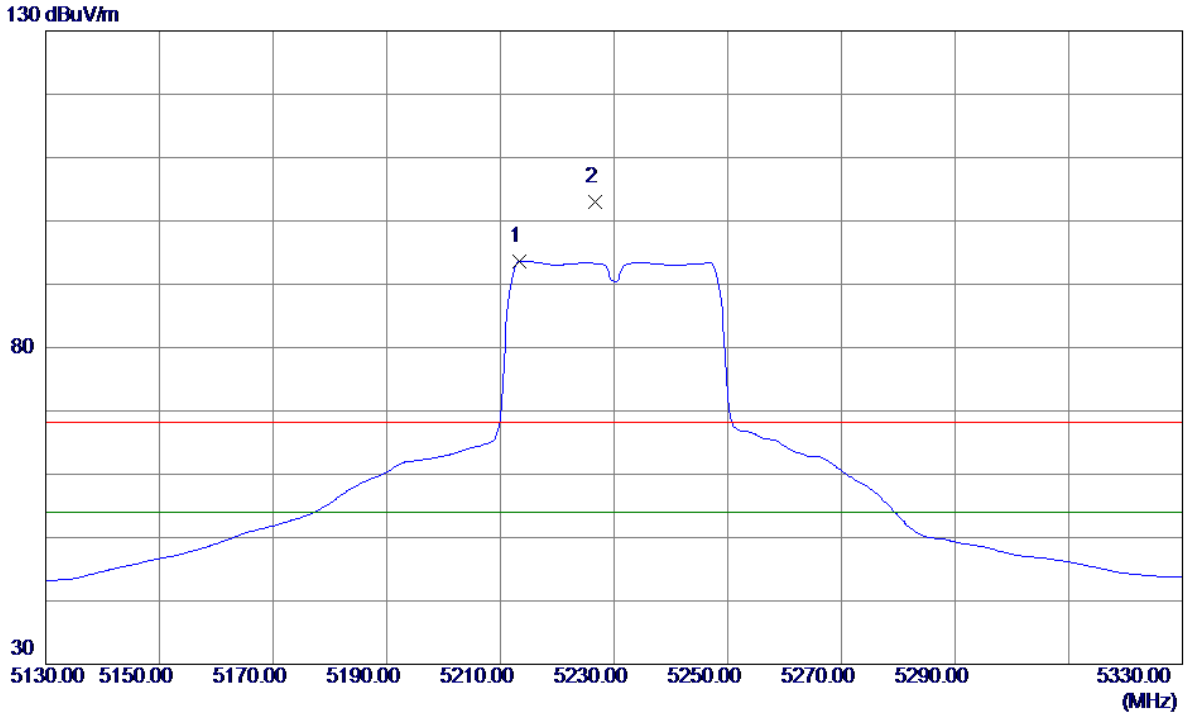
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3459.8790	38.18	2.63	40.81	68.30	-27.49	Peak	
2	3460.0060	29.83	2.63	32.46	999.00	-966.54	AVG	

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

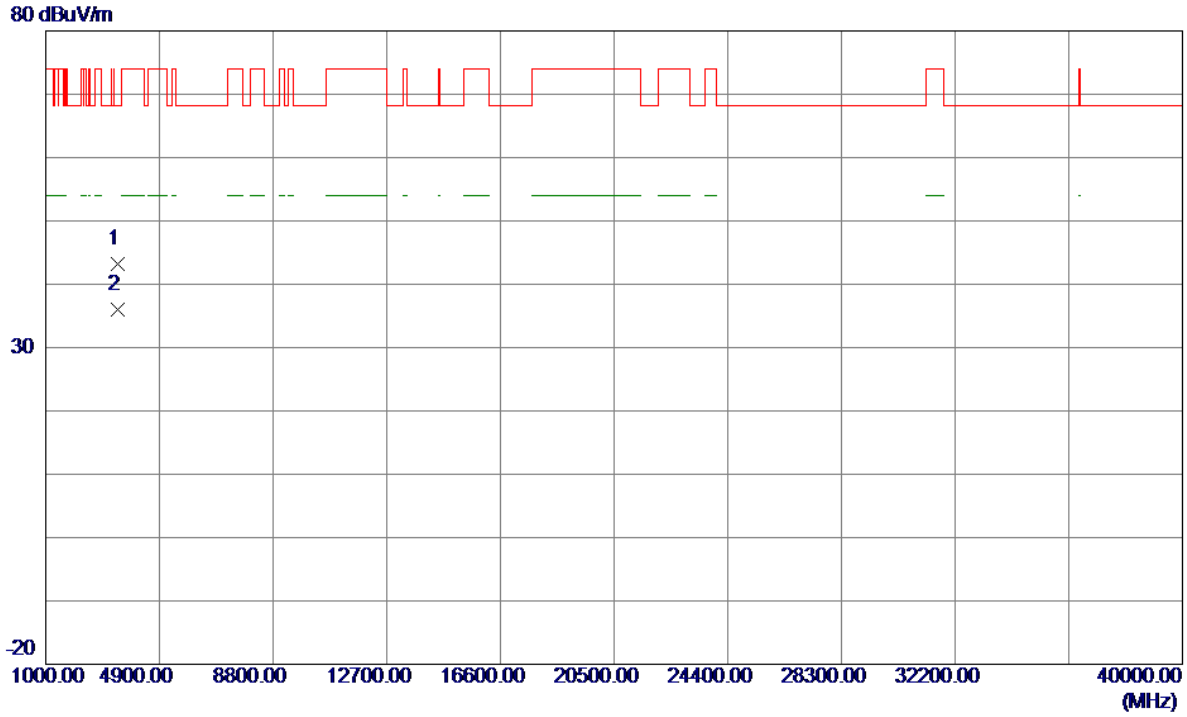
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5213.4000	52.17	41.42	93.59	54.00	39.59	AVG	No Limit
2	5226.6000	61.57	41.49	103.06	68.30	34.76	Peak	No Limit

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

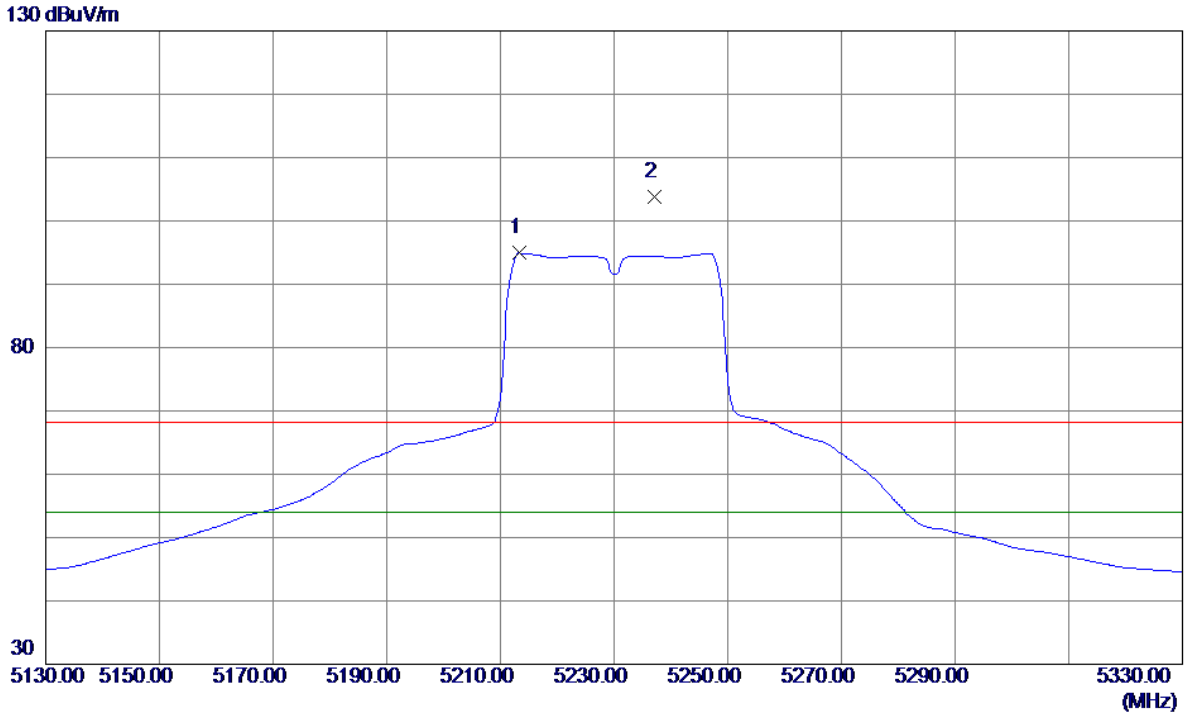
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3486.6520	40.45	2.69	43.14	68.30	-25.16	Peak	
2	3486.6600	33.36	2.69	36.05	999.00	-962.95	AVG	

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

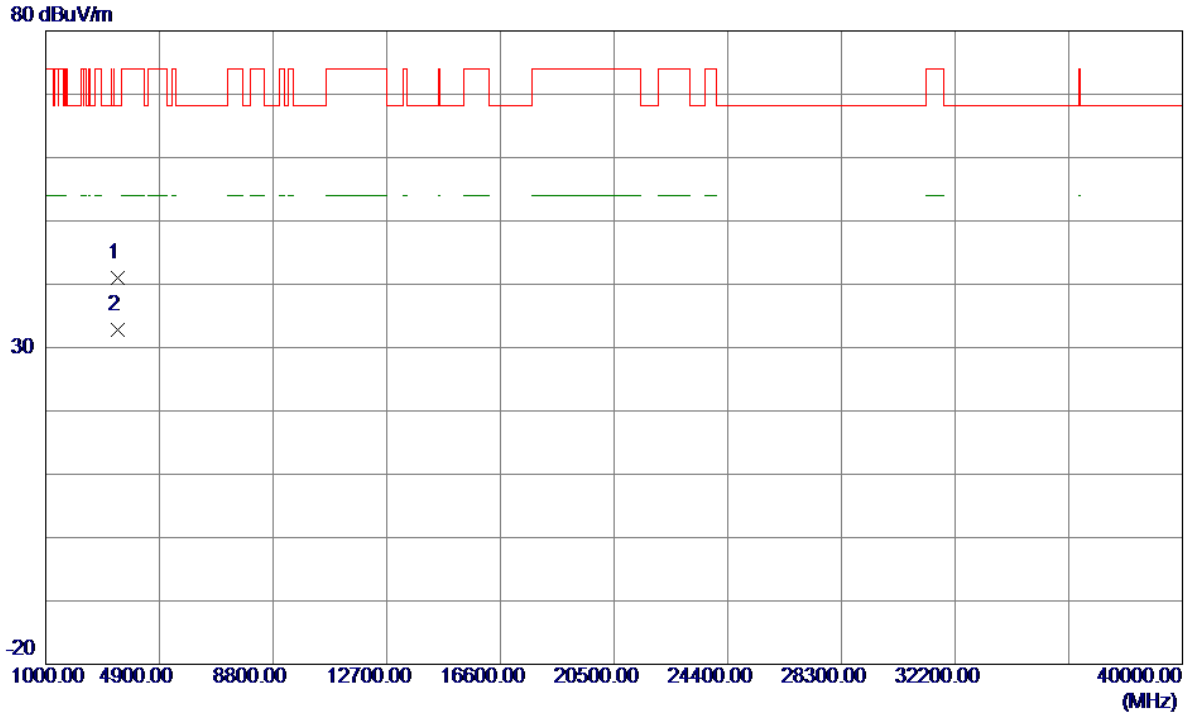
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5213.4000	53.49	41.42	94.91	54.00	40.91	AVG	No Limit
2	5237.2000	62.22	41.54	103.76	68.30	35.46	Peak	No Limit

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

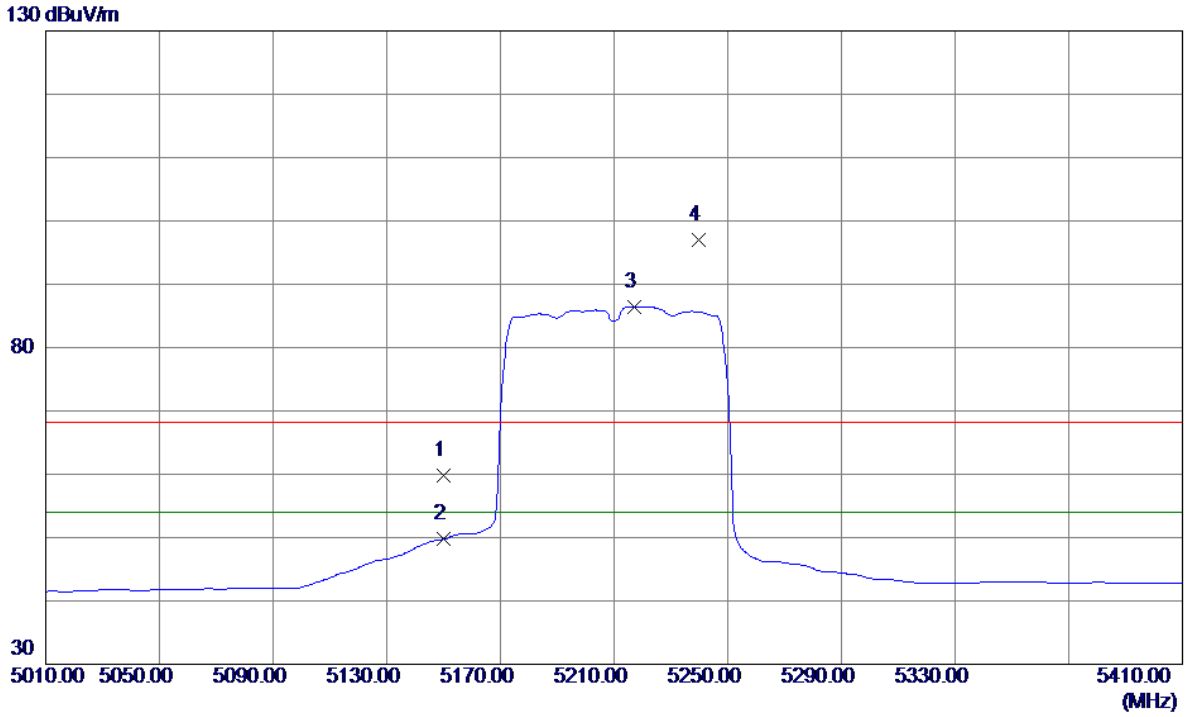
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3486.2140	38.36	2.69	41.05	68.30	-27.25	Peak	
2	3486.7180	30.20	2.69	32.89	999.00	-966.11	AVG	

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

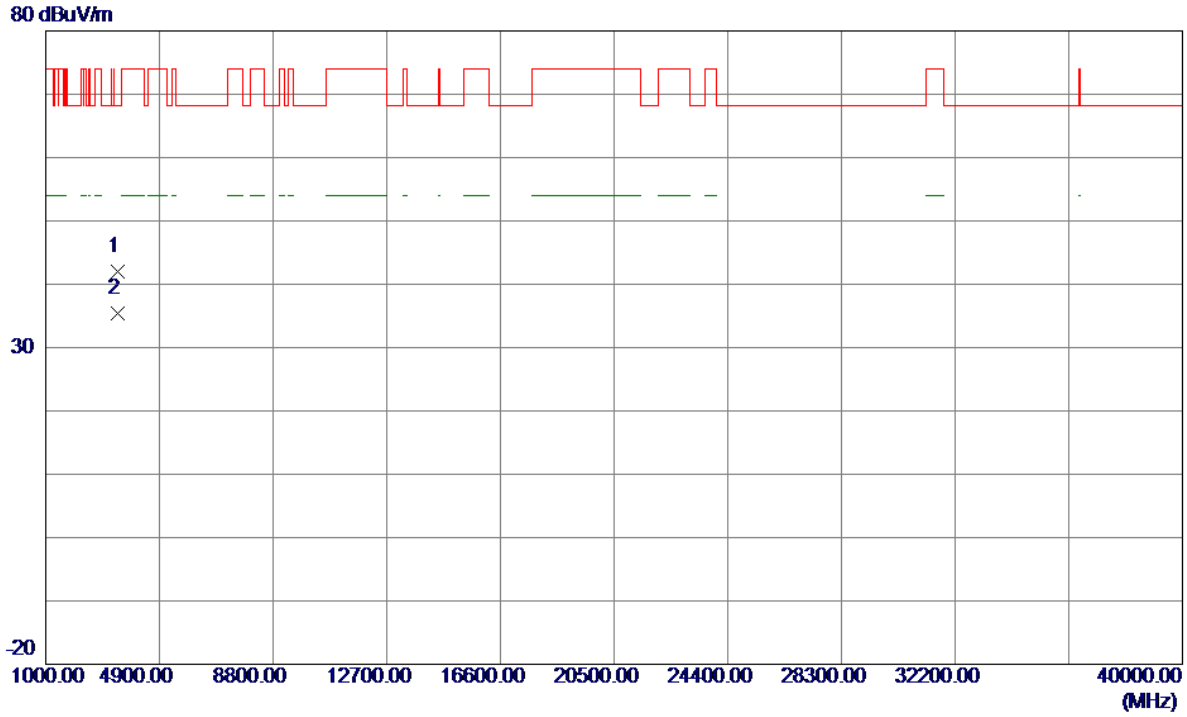
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	18.69	41.10	59.79	68.30	-8.51	Peak	
2	5150.0000	8.64	41.10	49.74	54.00	-4.26	AVG	
3 *	5217.2000	45.03	41.44	86.47	54.00	32.47	AVG	No Limit
4	5239.6000	55.53	41.56	97.09	68.30	28.79	Peak	No Limit

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

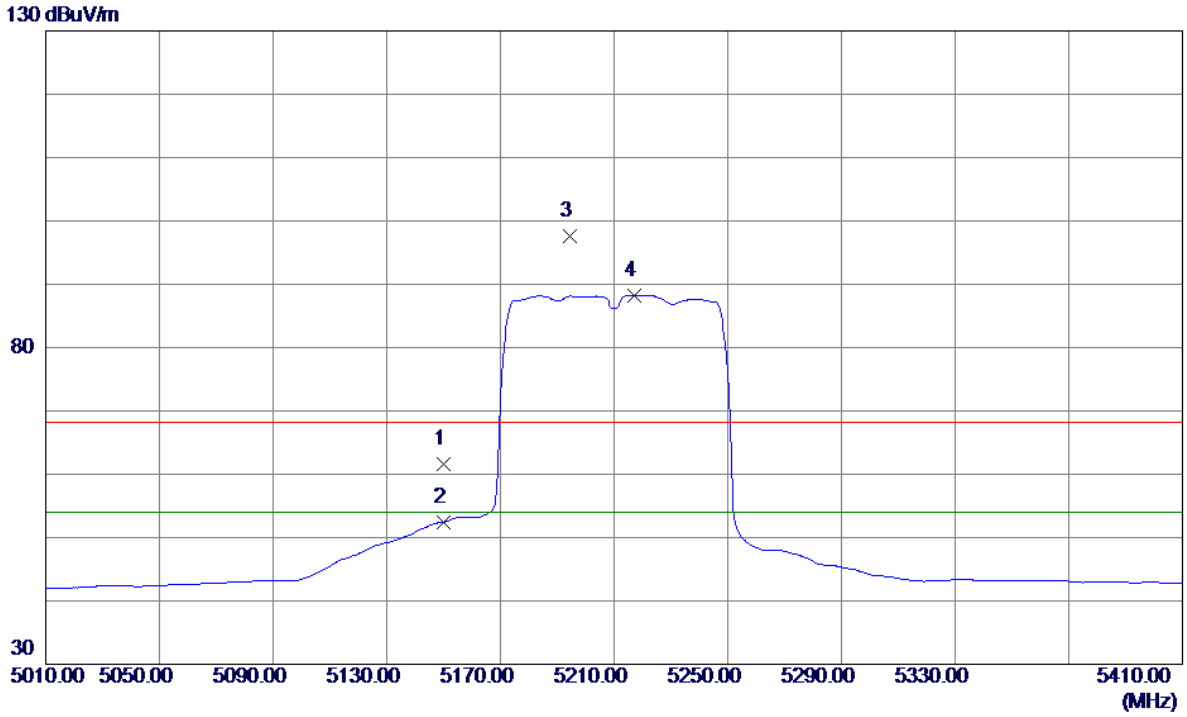
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3473.2880	39.26	2.66	41.92	68.30	-26.38	Peak	
2	3473.3520	32.67	2.66	35.33	999.00	-963.67	AVG	

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

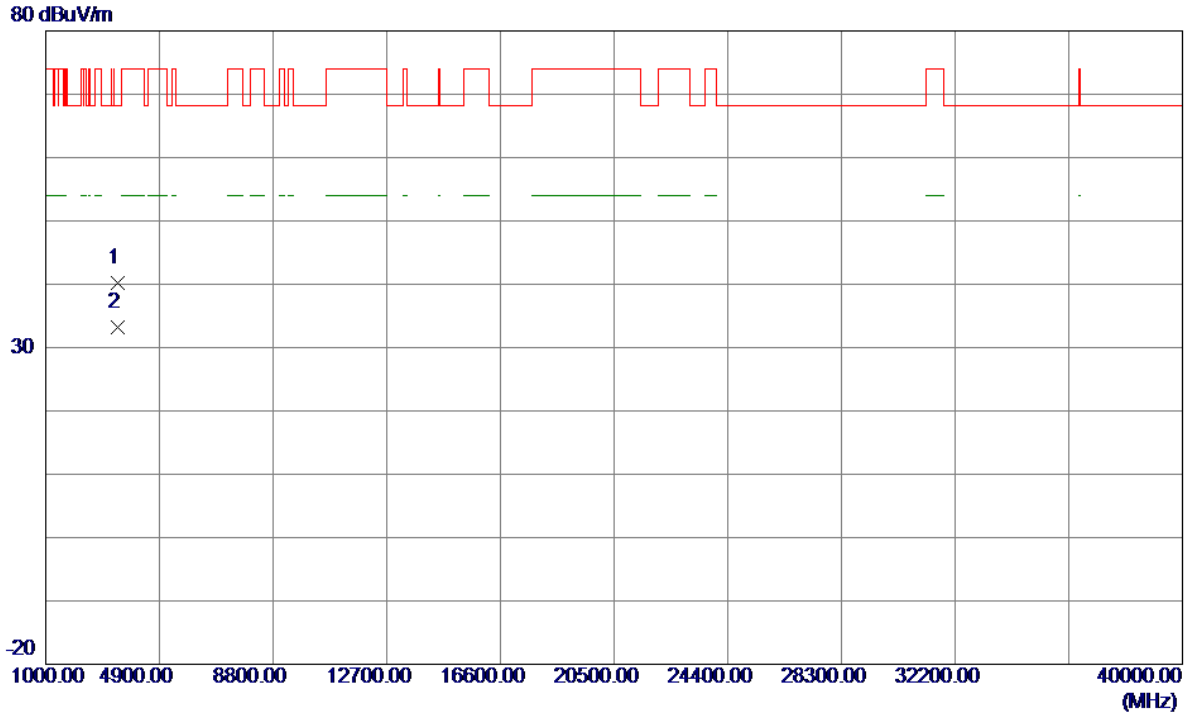
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.43	41.10	61.53	68.30	-6.77	Peak	
2	5150.0000	11.32	41.10	52.42	54.00	-1.58	AVG	
3	5194.4000	56.30	41.33	97.63	68.30	29.33	Peak	No Limit
4 *	5217.2000	46.84	41.44	88.28	54.00	34.28	AVG	No Limit

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

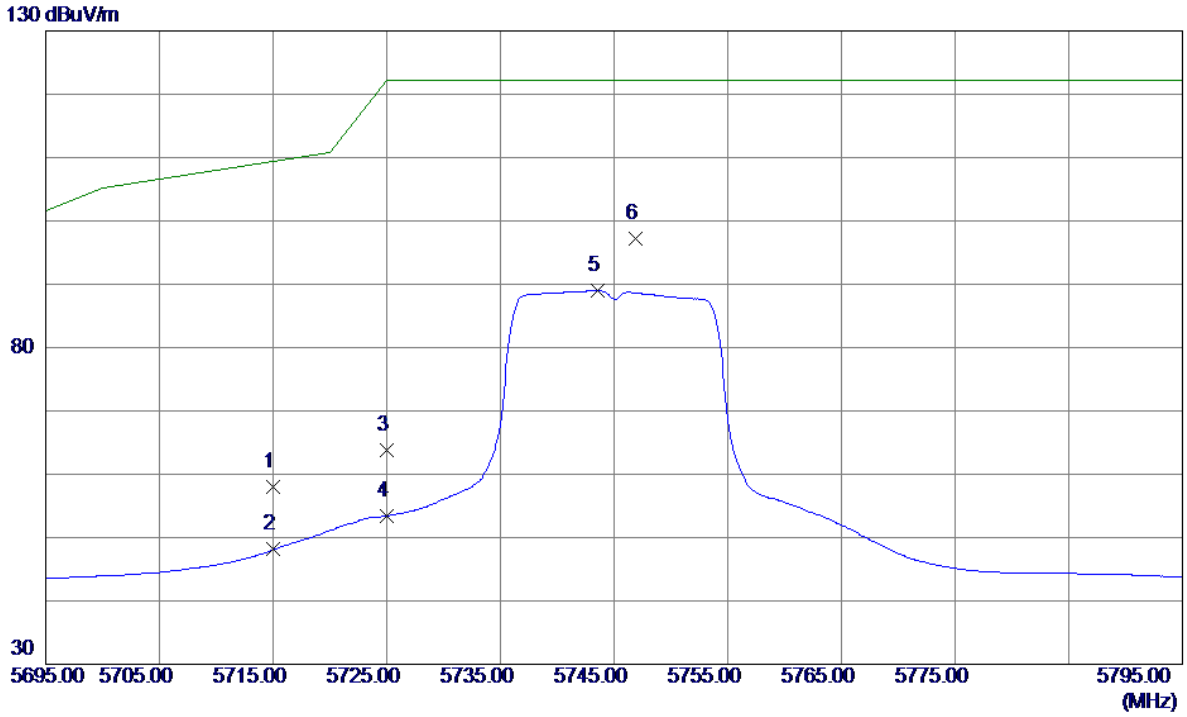
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3473.2600	37.56	2.66	40.22	68.30	-28.08	Peak	
2	3473.3540	30.59	2.66	33.25	999.00	-965.75	AVG	

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

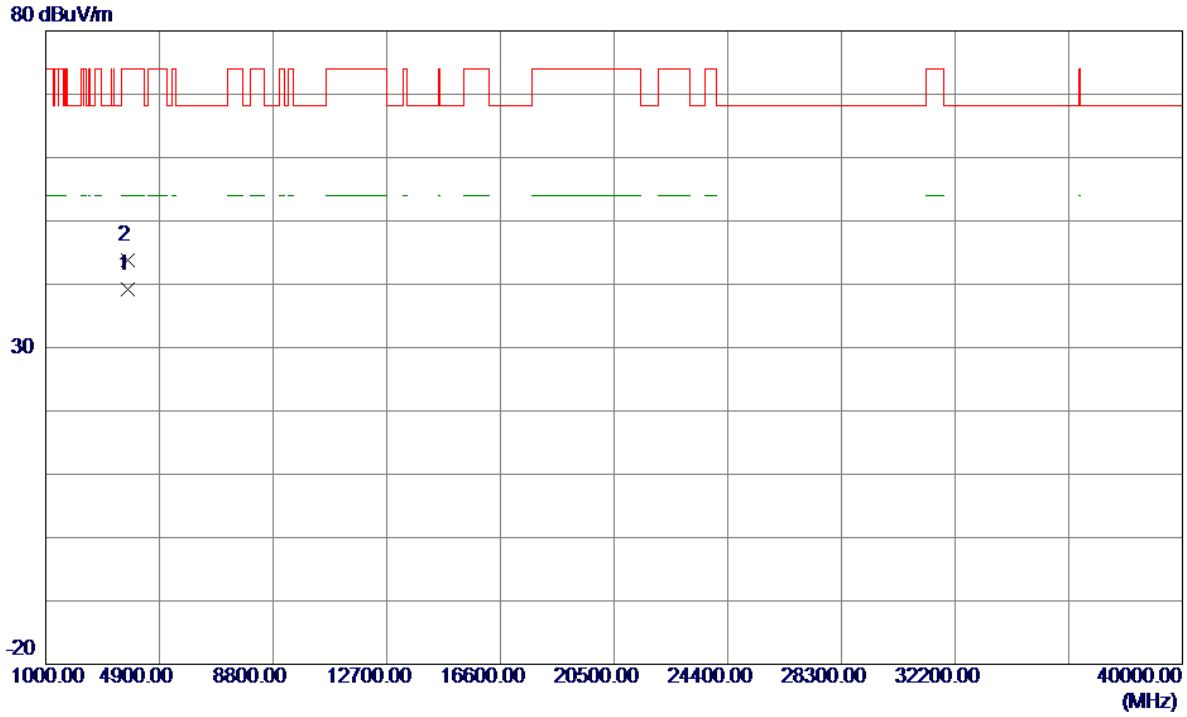
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	14.49	43.53	58.02	109.40	-51.38	Peak	
2	5715.0000	4.60	43.53	48.13	109.40	-61.27	AVG	
3	5725.0000	20.24	43.56	63.80	122.20	-58.40	Peak	
4	5725.0000	9.85	43.56	53.41	122.20	-68.79	AVG	
5	5743.6000	45.31	43.62	88.93	122.20	-33.27	AVG	
6 *	5746.9000	53.56	43.63	97.19	122.20	-25.01	Peak	

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

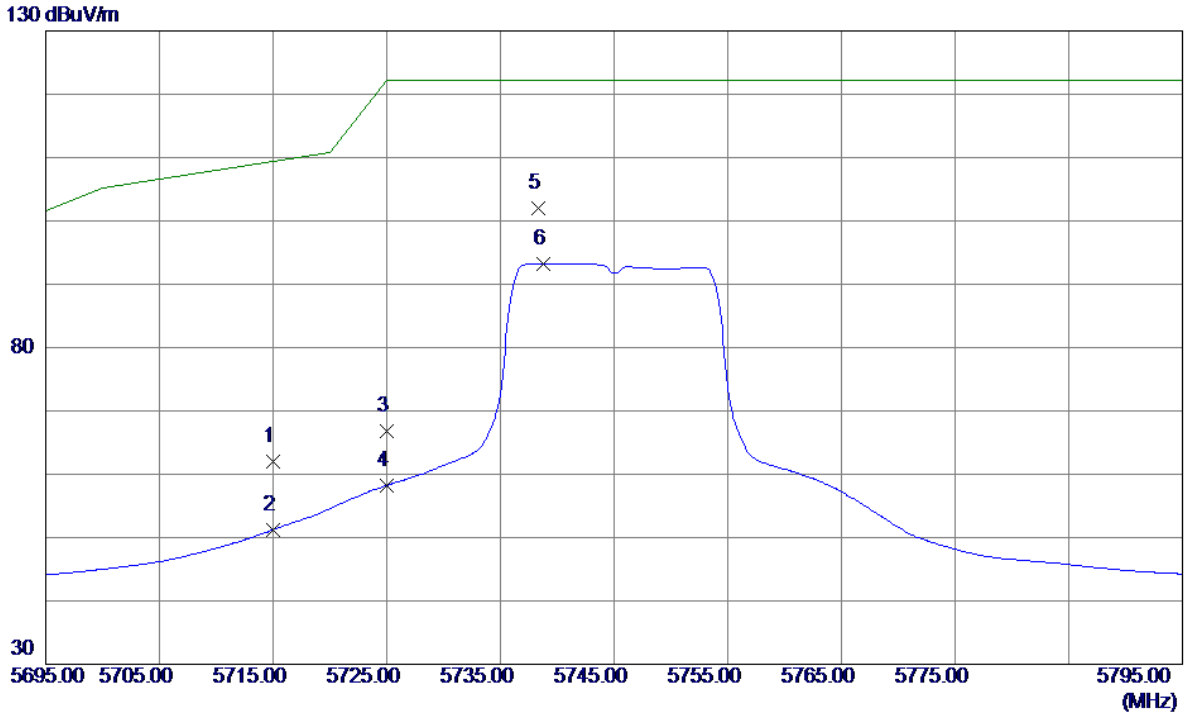
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3830.0220	35.79	3.45	39.24	54.00	-14.76	AVG	
2	3830.1760	40.42	3.45	43.87	74.00	-30.13	Peak	

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

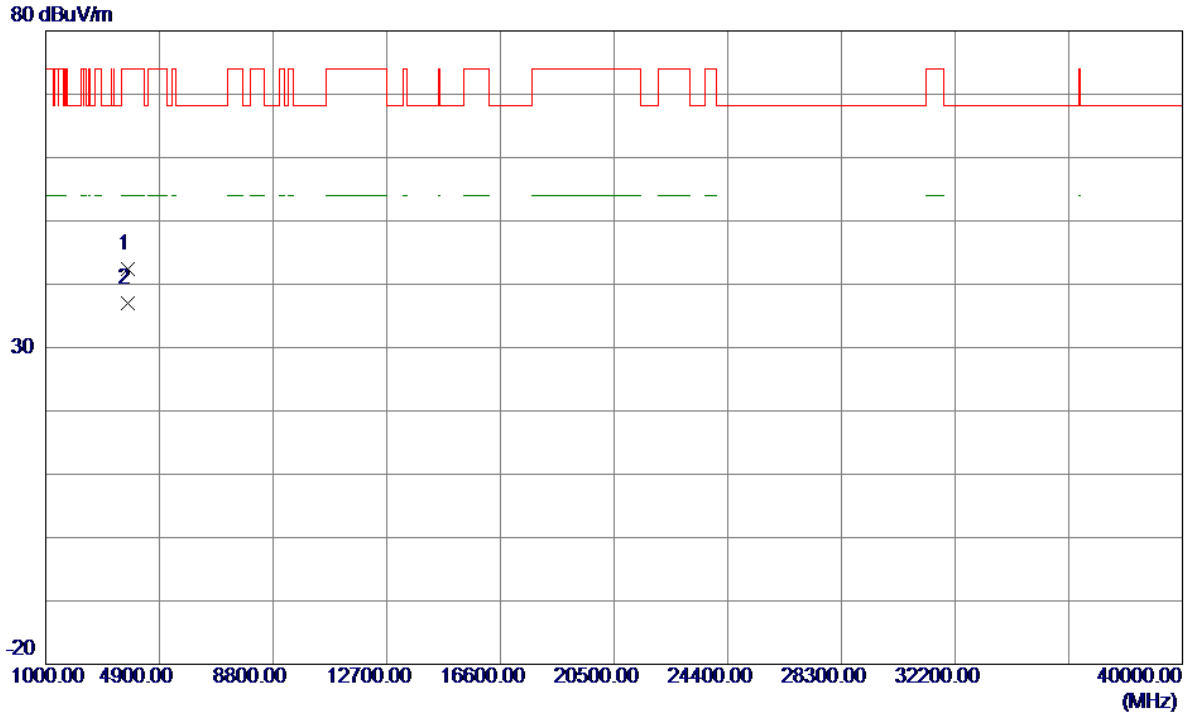
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	18.48	43.53	62.01	109.40	-47.39	Peak	
2	5715.0000	7.73	43.53	51.26	109.40	-58.14	AVG	
3	5725.0000	23.31	43.56	66.87	122.20	-55.33	Peak	
4	5725.0000	14.69	43.56	58.25	122.20	-63.95	AVG	
5 *	5738.3000	58.45	43.60	102.05	122.20	-20.15	Peak	
6	5738.8000	49.65	43.60	93.25	122.20	-28.95	AVG	

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

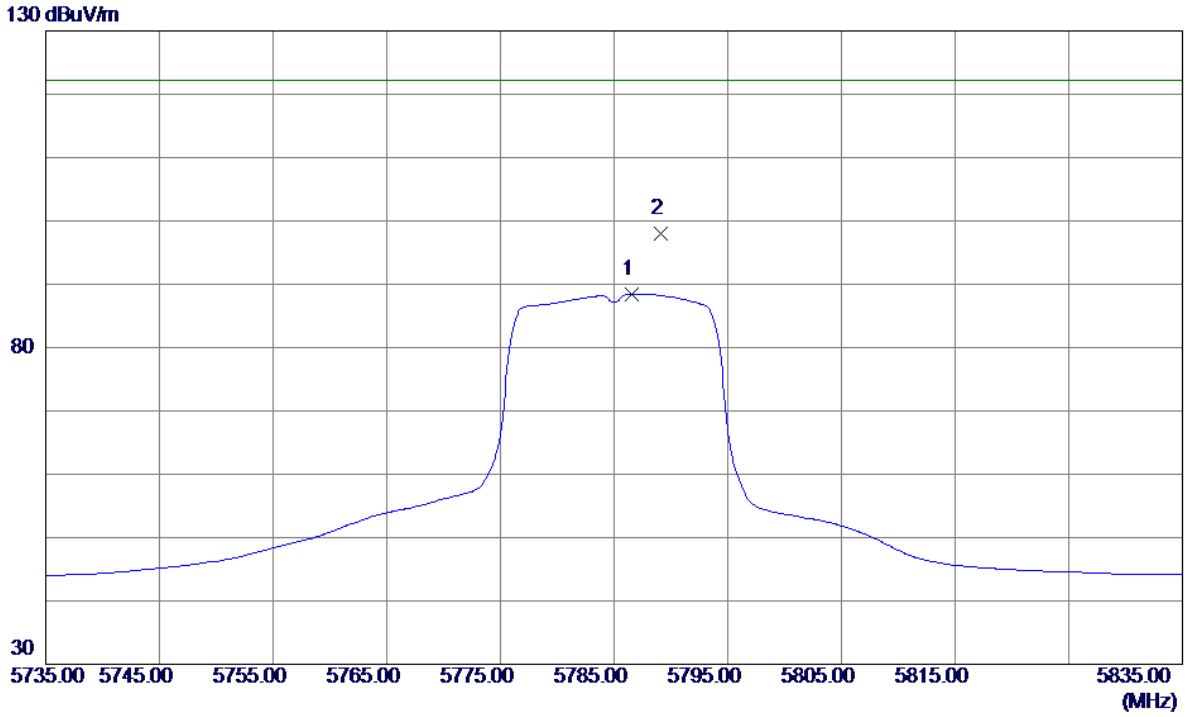
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3829.9400	38.96	3.45	42.41	74.00	-31.59	Peak	
2 *	3829.9560	33.50	3.45	36.95	54.00	-17.05	AVG	

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

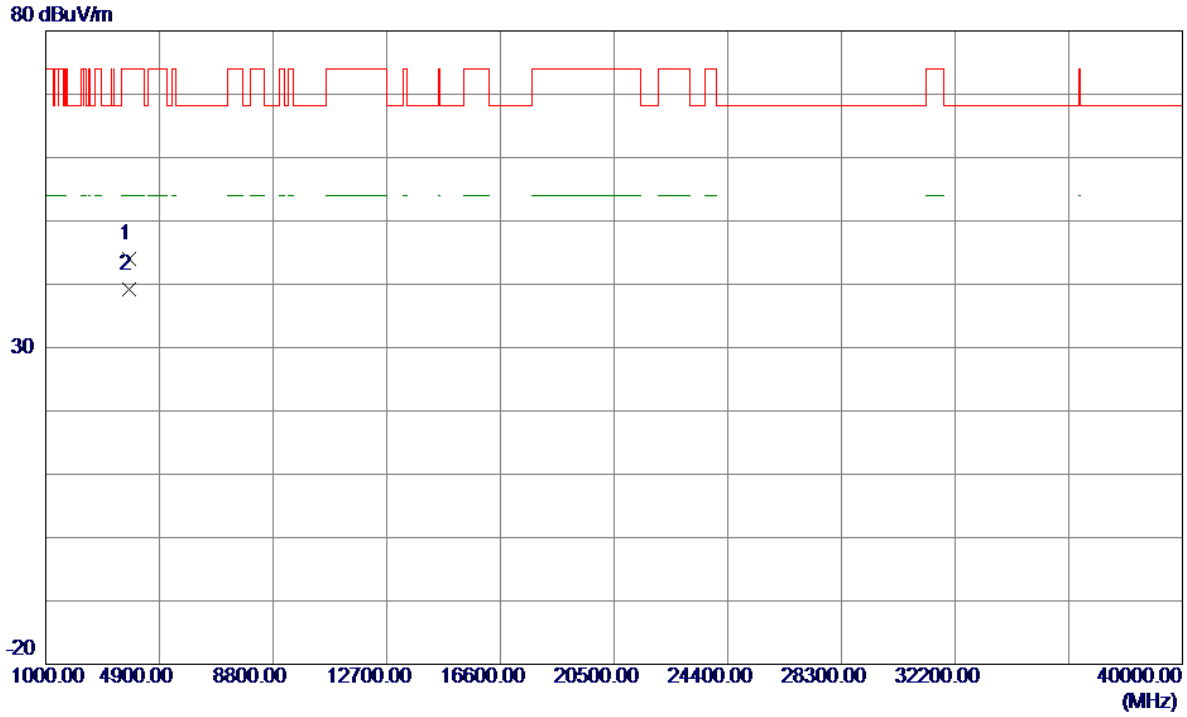
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.6000	44.73	43.75	88.48	122.20	-33.72	AVG	
2 *	5789.1000	54.18	43.75	97.93	122.20	-24.27	Peak	

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

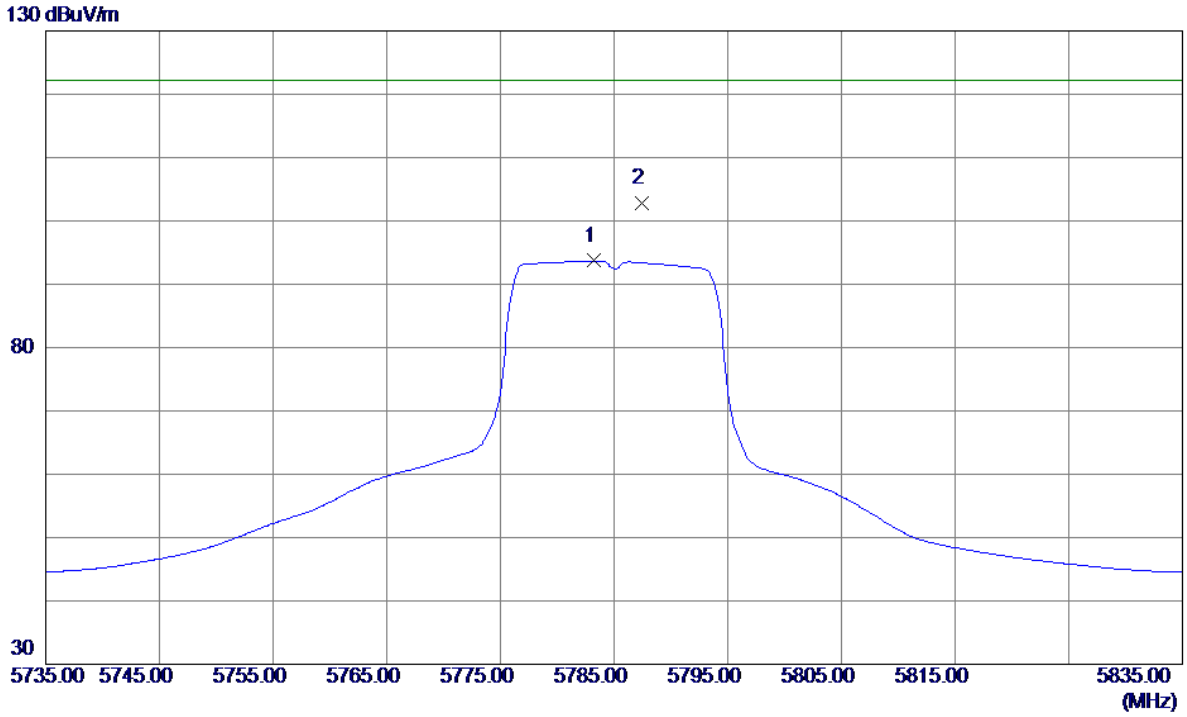
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3856.4460	40.43	3.51	43.94	74.00	-30.06	Peak	
2	3856.6870	35.77	3.51	39.28	74.00	-34.72	Peak	

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

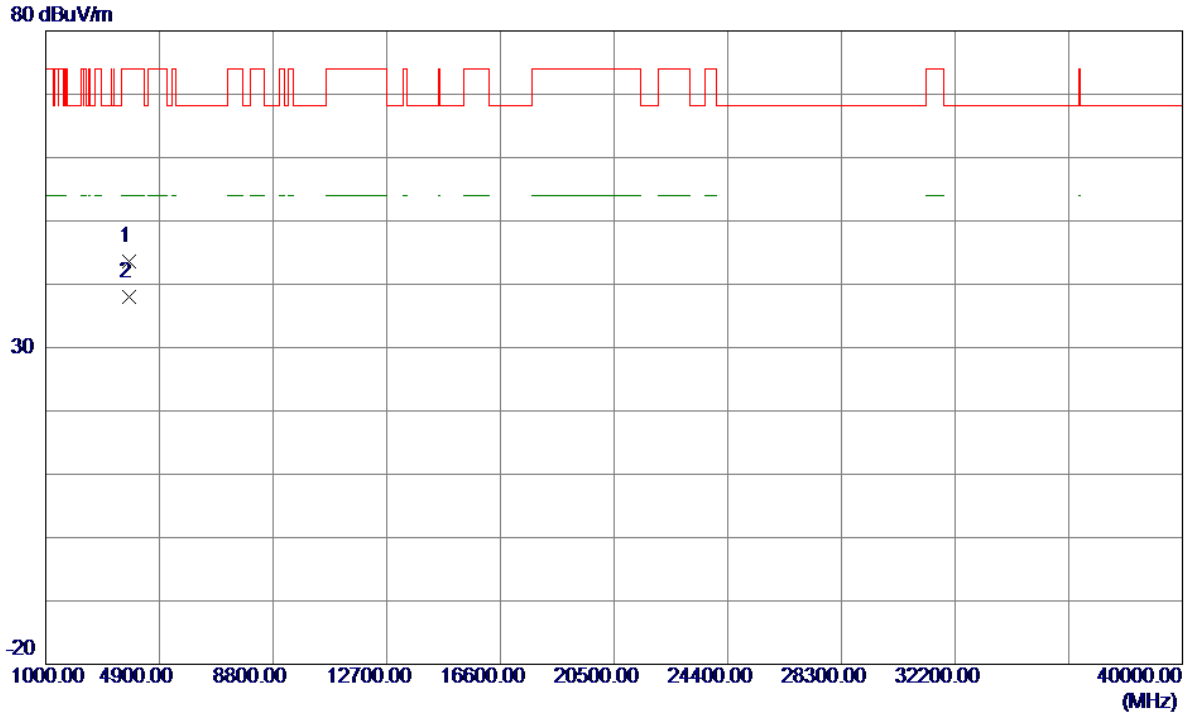
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5783.2000	49.96	43.74	93.70	122.20	-28.50	AVG	
2 *	5787.4000	58.99	43.75	102.74	122.20	-19.46	Peak	

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

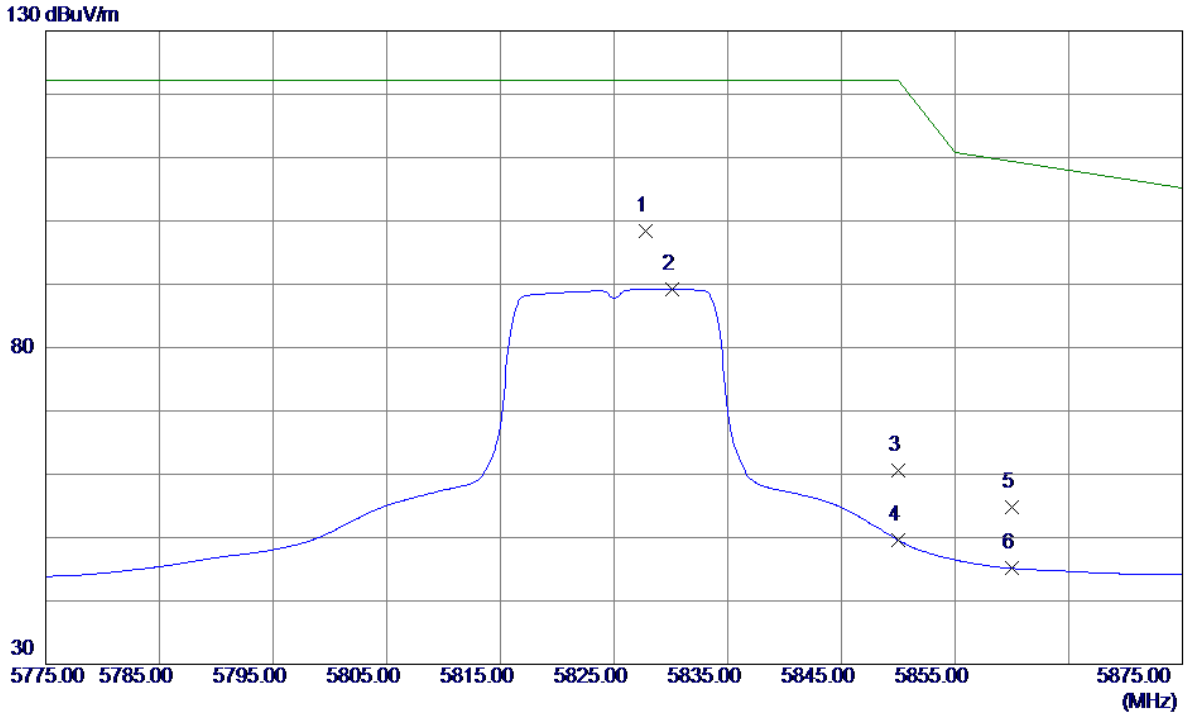
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.5840	40.14	3.51	43.65	74.00	-30.35	Peak	
2 *	3856.6950	34.40	3.51	37.91	54.00	-16.09	AVG	

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

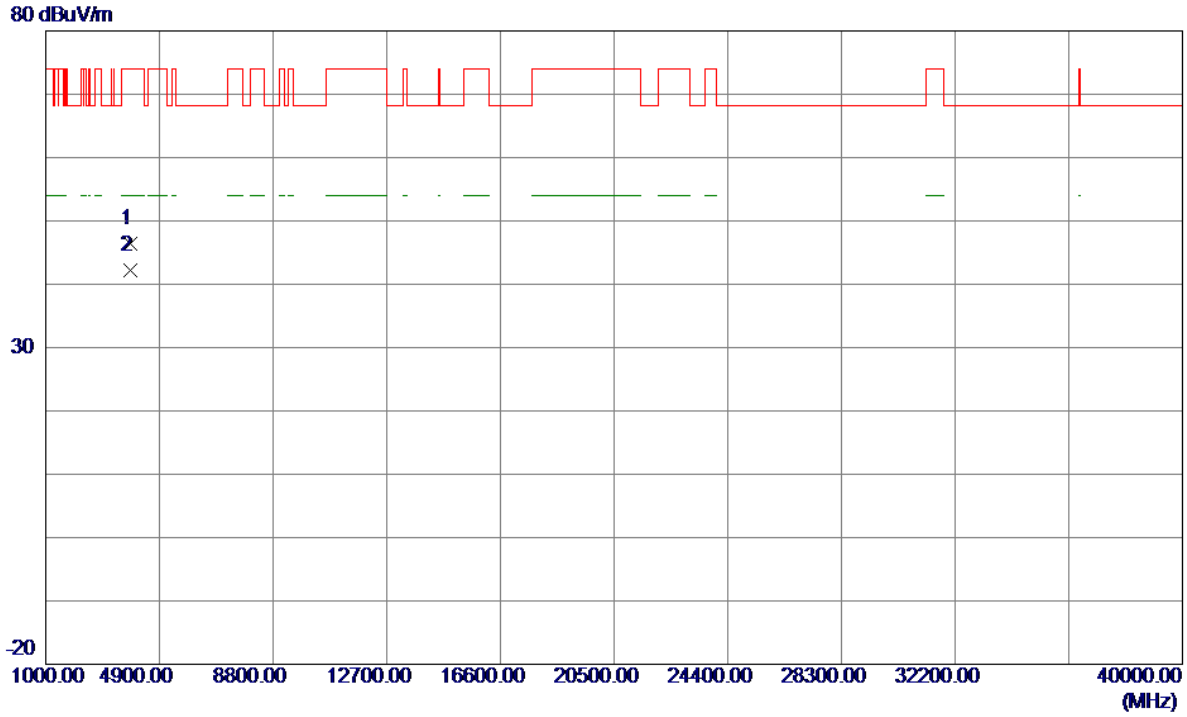
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5827.8000	54.53	43.87	98.40	122.20	-23.80	Peak	
2	5830.1000	45.32	43.88	89.20	122.20	-33.00	AVG	
3	5850.0000	16.69	43.94	60.63	122.20	-61.57	Peak	
4	5850.0000	5.63	43.94	49.57	122.20	-72.63	AVG	
5	5860.0000	10.90	43.97	54.87	109.40	-54.53	Peak	
6	5860.0000	1.15	43.97	45.12	109.40	-64.28	AVG	

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

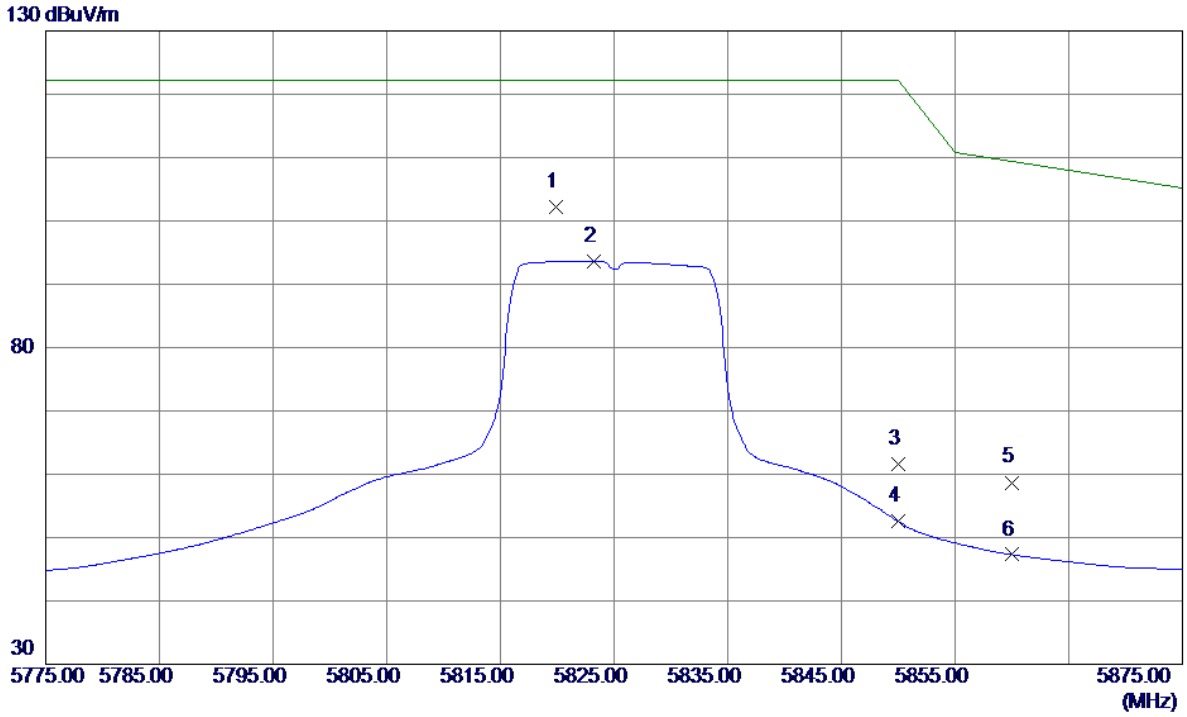
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.2680	42.80	3.57	46.37	74.00	-27.63	Peak	
2 *	3883.3240	38.59	3.57	42.16	54.00	-11.84	AVG	

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

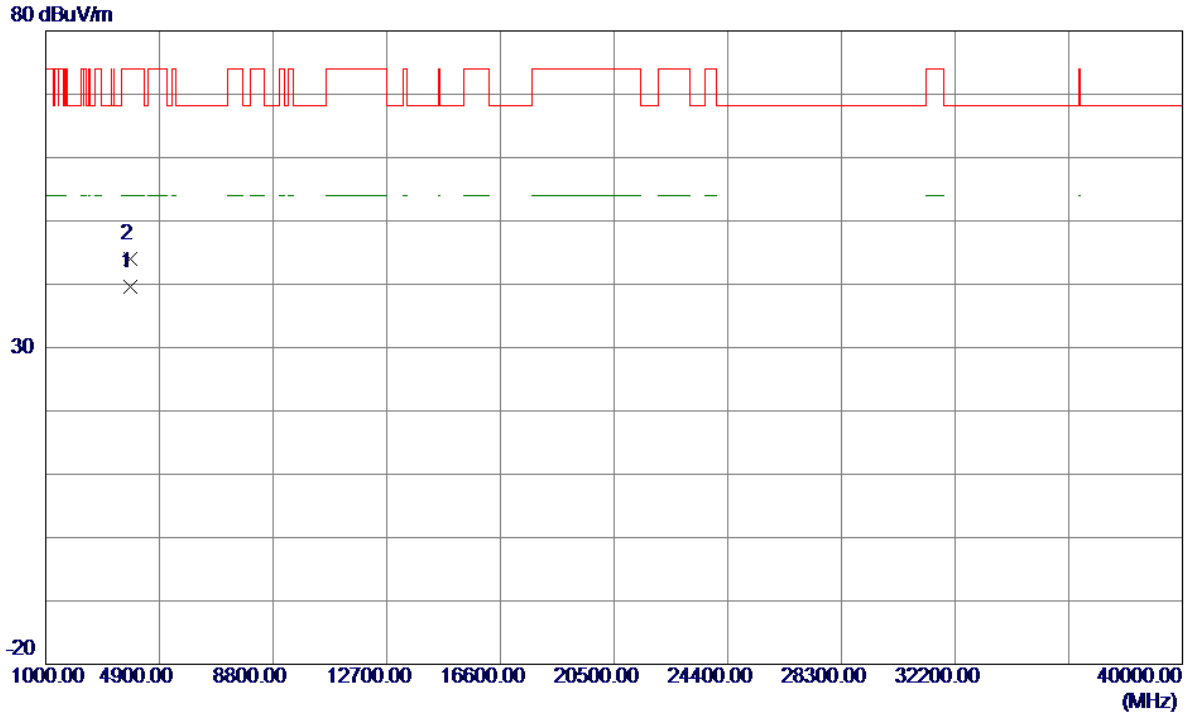
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5819.9000	58.29	43.85	102.14	122.20	-20.06	Peak	
2	5823.2000	49.80	43.86	93.66	122.20	-28.54	AVG	
3	5850.0000	17.72	43.94	61.66	122.20	-60.54	Peak	
4	5850.0000	8.59	43.94	52.53	122.20	-69.67	AVG	
5	5860.0000	14.73	43.97	58.70	109.40	-50.70	Peak	
6	5860.0000	3.33	43.97	47.30	109.40	-62.10	AVG	

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

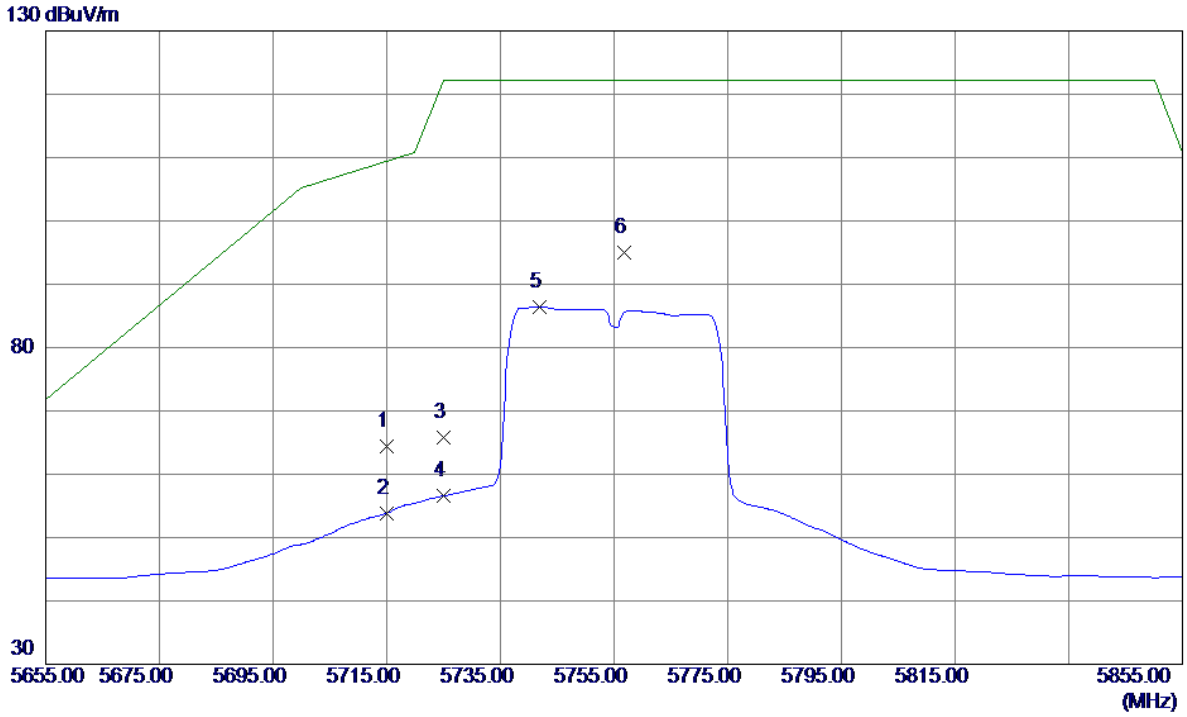
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3883.3540	35.94	3.57	39.51	54.00	-14.49	AVG	
2	3883.3820	40.48	3.57	44.05	74.00	-29.95	Peak	

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

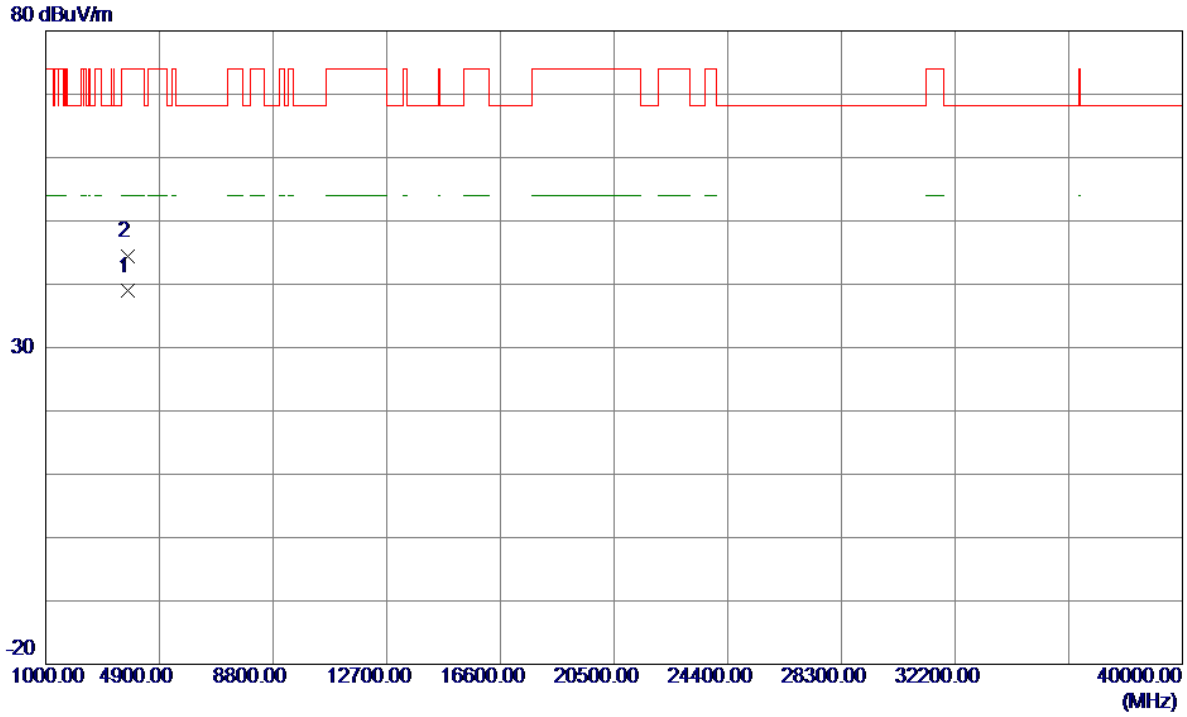
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.89	43.53	64.42	109.40	-44.98	Peak	
2	5715.0000	10.33	43.53	53.86	109.40	-55.54	AVG	
3	5725.0000	22.25	43.56	65.81	122.20	-56.39	Peak	
4	5725.0000	13.01	43.56	56.57	122.20	-65.63	AVG	
5	5741.8000	42.77	43.61	86.38	122.20	-35.82	AVG	
6 *	5756.8000	51.40	43.66	95.06	122.20	-27.14	Peak	

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

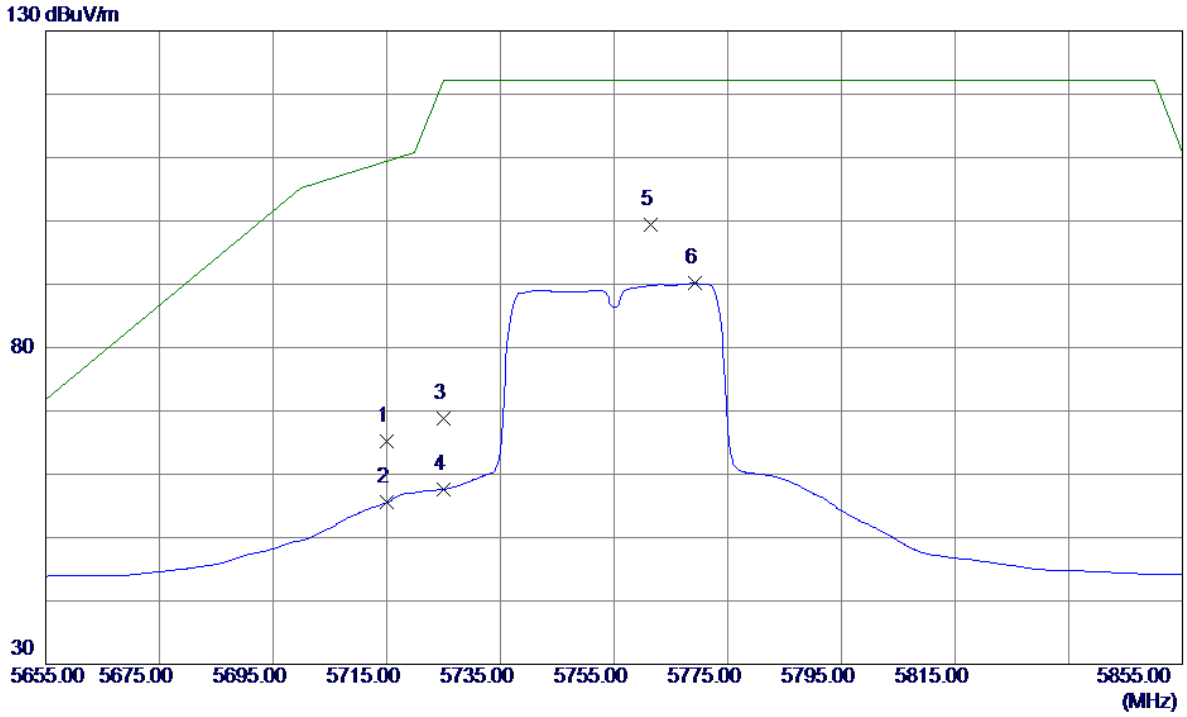
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3836.6160	35.43	3.47	38.90	54.00	-15.10	AVG	
2	3836.7320	40.92	3.47	44.39	74.00	-29.61	Peak	

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

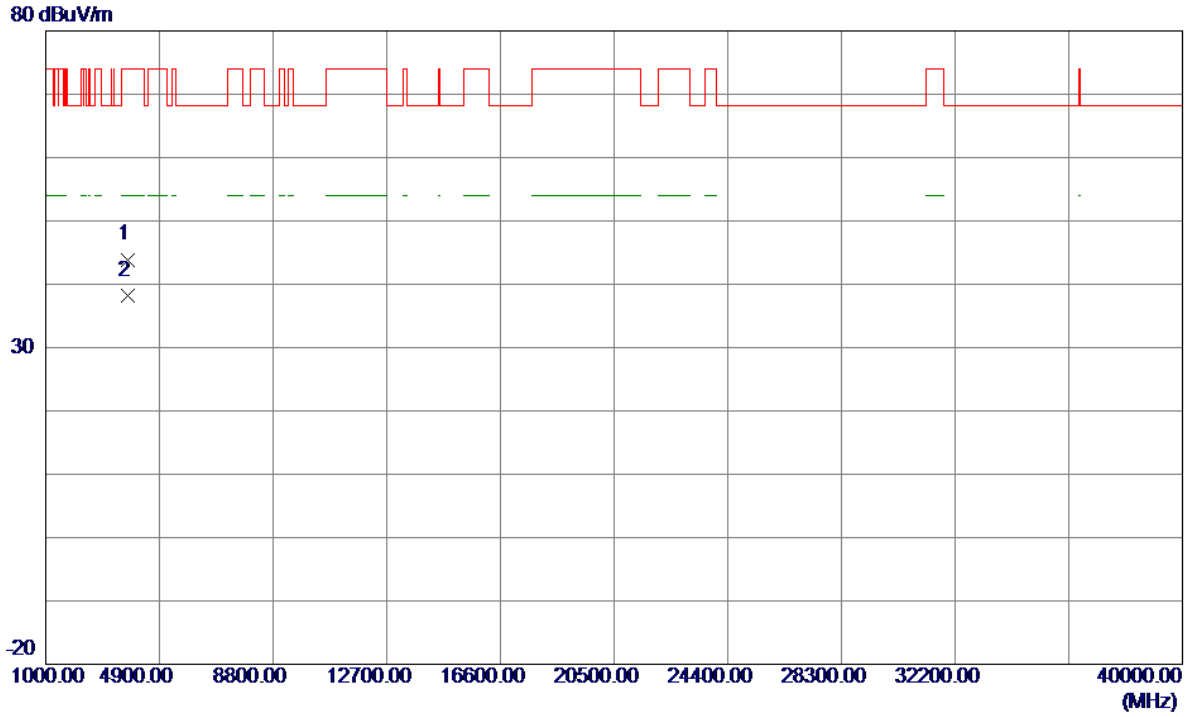
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.67	43.53	65.20	109.40	-44.20	Peak	
2	5715.0000	12.00	43.53	55.53	109.40	-53.87	AVG	
3	5725.0000	25.30	43.56	68.86	122.20	-53.34	Peak	
4	5725.0000	14.07	43.56	57.63	122.20	-64.57	AVG	
5 *	5761.4000	55.65	43.67	99.32	122.20	-22.88	Peak	
6	5769.2000	46.43	43.69	90.12	122.20	-32.08	AVG	

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

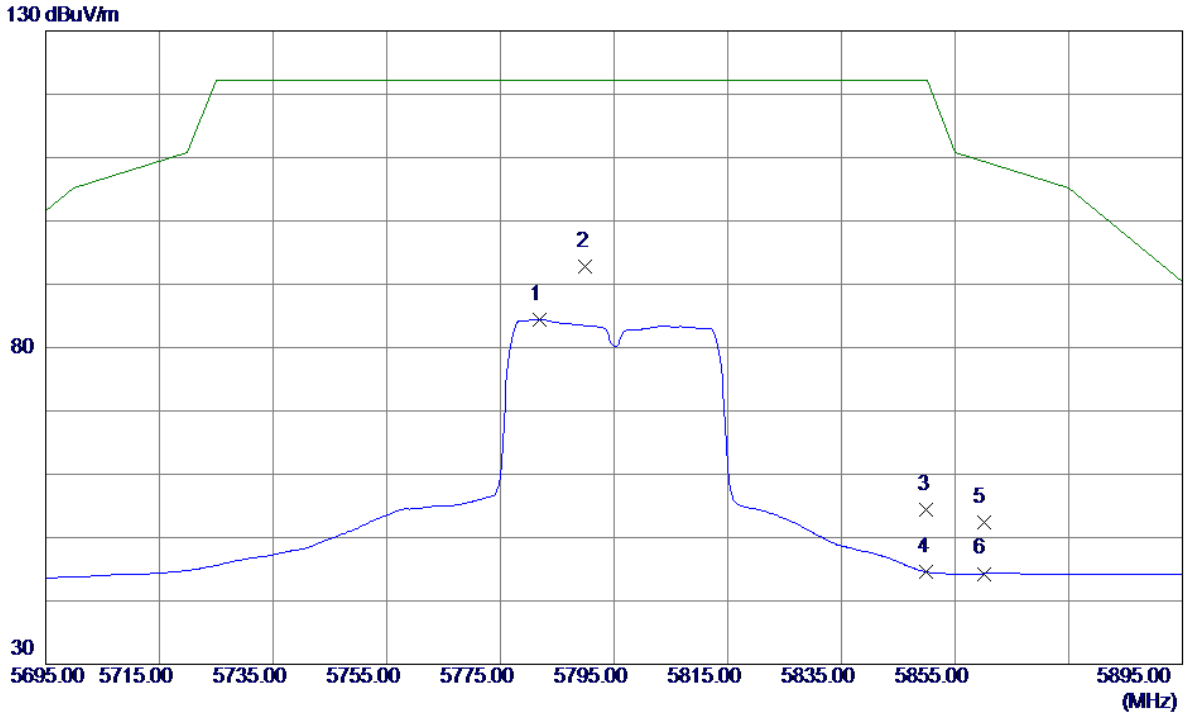
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3836.6960	40.43	3.47	43.90	74.00	-30.10	Peak	
2 *	3836.7000	34.71	3.47	38.18	54.00	-15.82	AVG	

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

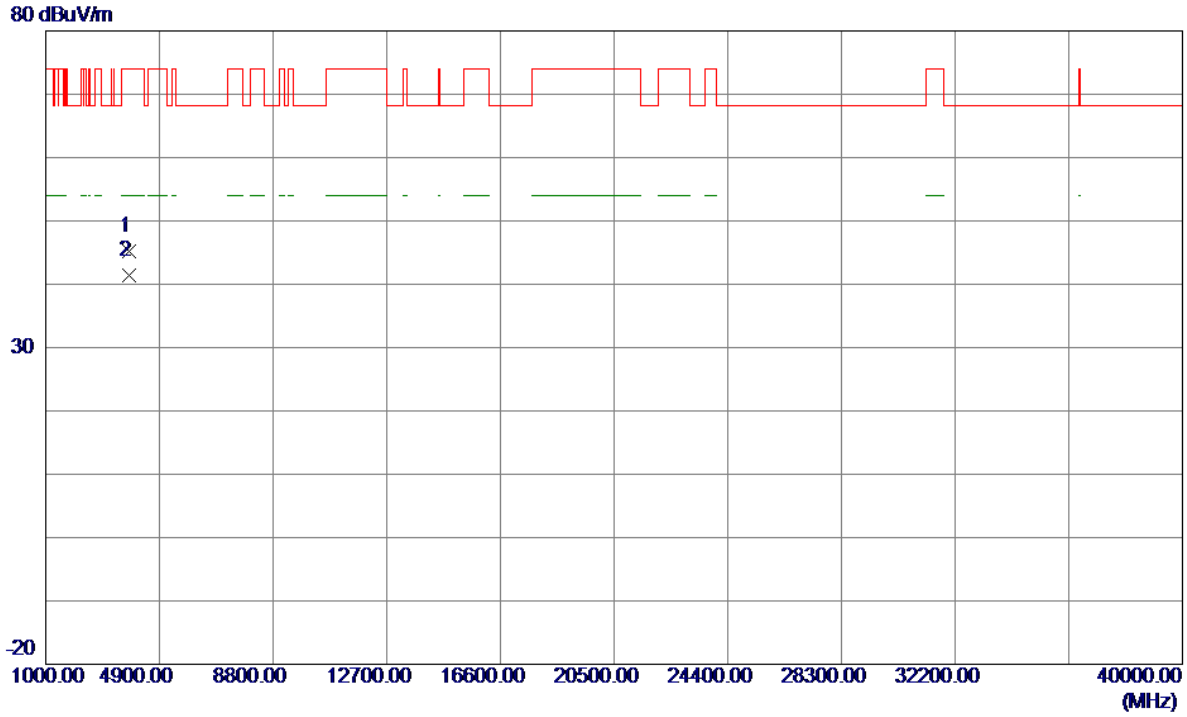
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5781.8000	40.65	43.73	84.38	122.20	-37.82	AVG	
2 *	5790.0000	49.03	43.76	92.79	122.20	-29.41	Peak	
3	5850.0000	10.50	43.94	54.44	122.20	-67.76	Peak	
4	5850.0000	0.65	43.94	44.59	122.20	-77.61	AVG	
5	5860.0000	8.41	43.97	52.38	109.40	-57.02	Peak	
6	5860.0000	0.33	43.97	44.30	109.40	-65.10	AVG	

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

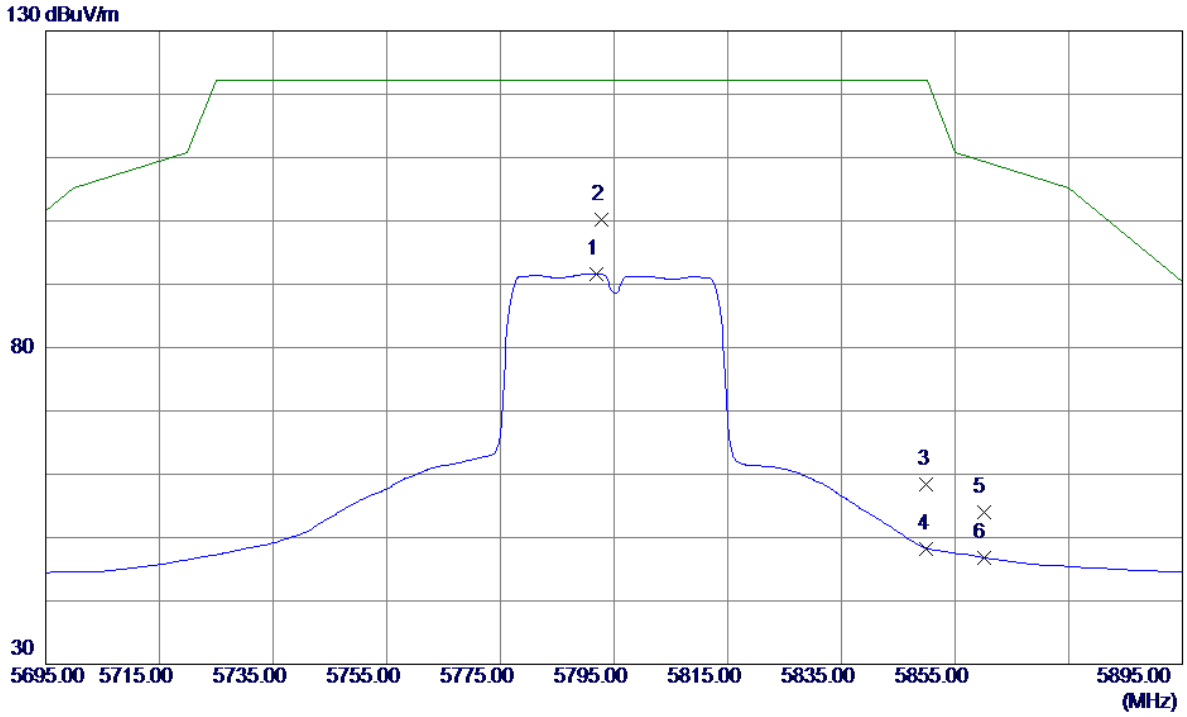
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3863.3000	41.58	3.53	45.11	74.00	-28.89	Peak	
2 *	3863.3300	37.95	3.53	41.48	54.00	-12.52	AVG	

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

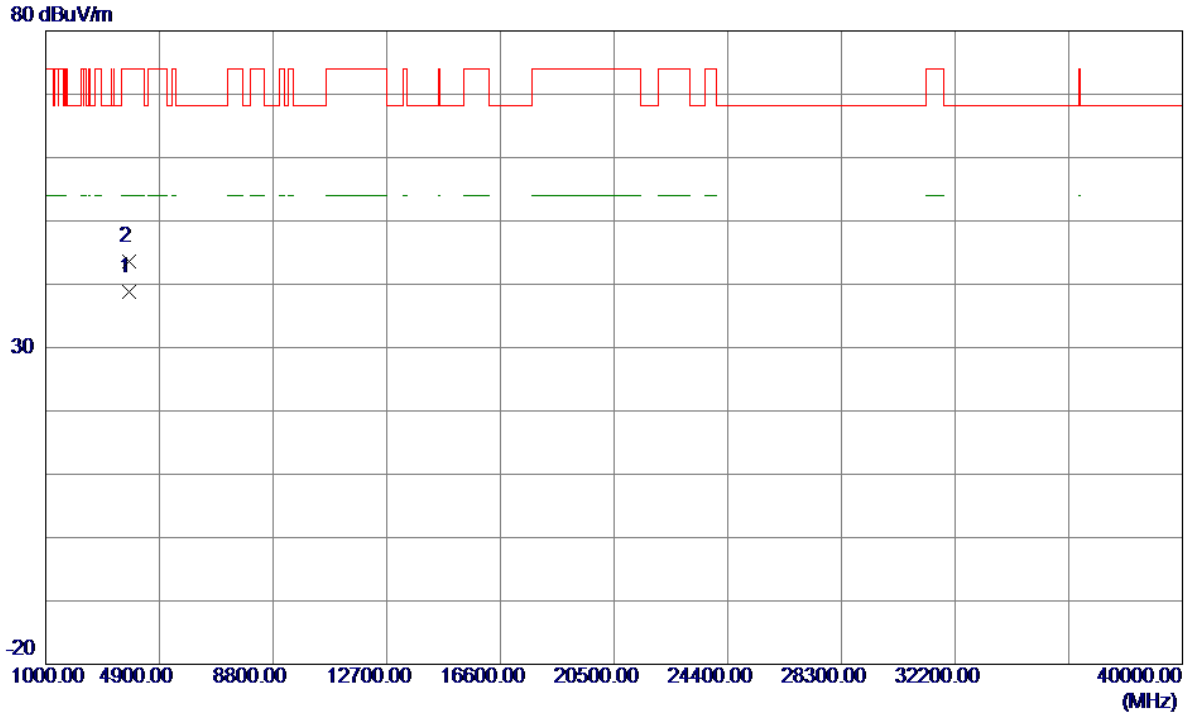
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5791.8000	47.93	43.76	91.69	122.20	-30.51	AVG	
2 *	5792.8000	56.49	43.76	100.25	122.20	-21.95	Peak	
3	5850.0000	14.42	43.94	58.36	122.20	-63.84	Peak	
4	5850.0000	4.34	43.94	48.28	122.20	-73.92	AVG	
5	5860.0000	10.08	43.97	54.05	109.40	-55.35	Peak	
6	5860.0000	2.85	43.97	46.82	109.40	-62.58	AVG	

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

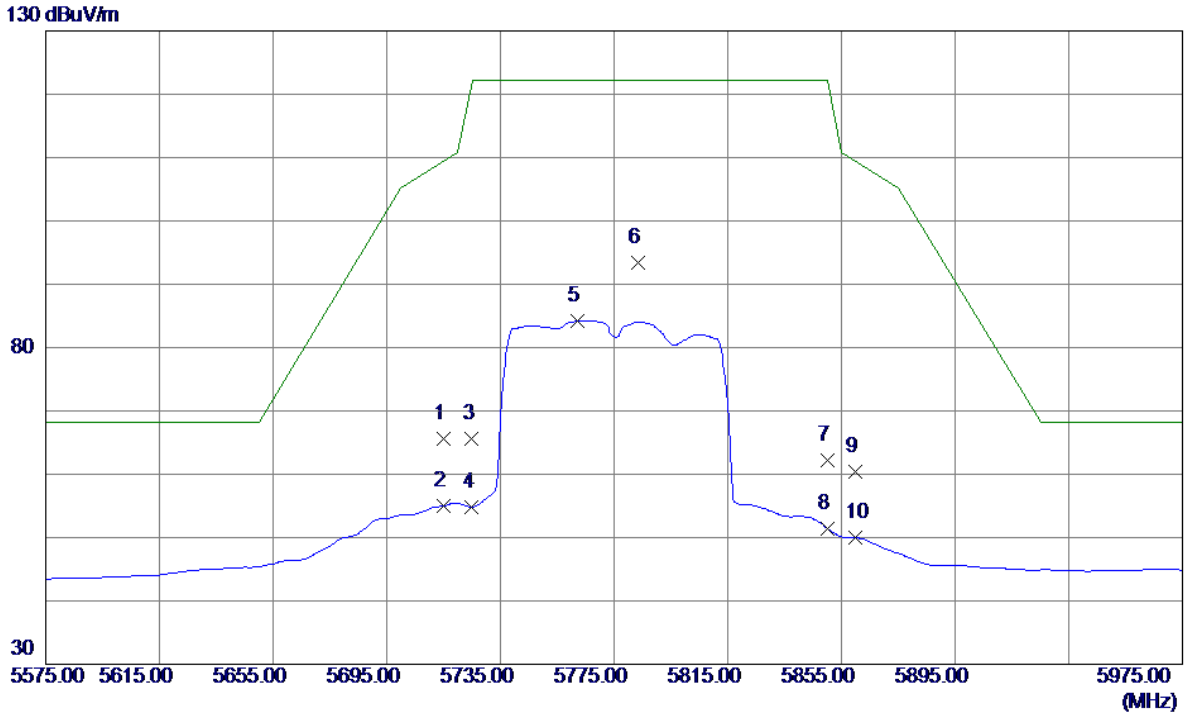
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3863.2720	35.24	3.53	38.77	54.00	-15.23	AVG	
2	3863.2980	40.04	3.53	43.57	74.00	-30.43	Peak	

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

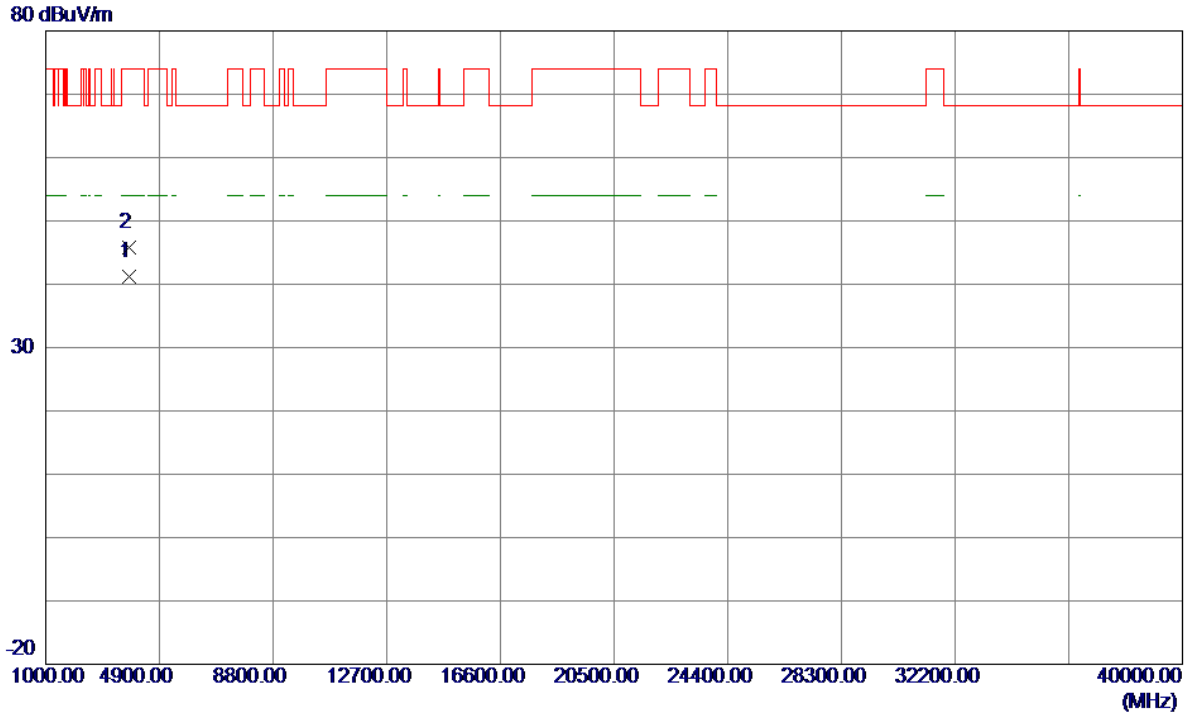
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.07	43.53	65.60	109.40	-43.80	Peak	
2	5715.0000	11.46	43.53	54.99	109.40	-54.41	AVG	
3	5725.0000	22.12	43.56	65.68	122.20	-56.52	Peak	
4	5725.0000	11.25	43.56	54.81	122.20	-67.39	AVG	
5	5762.2000	40.56	43.67	84.23	122.20	-37.97	AVG	
6 *	5783.4000	49.75	43.74	93.49	122.20	-28.71	Peak	
7	5850.0000	18.25	43.94	62.19	122.20	-60.01	Peak	
8	5850.0000	7.42	43.94	51.36	122.20	-70.84	AVG	
9	5860.0000	16.47	43.97	60.44	109.40	-48.96	Peak	
10	5860.0000	6.01	43.97	49.98	109.40	-59.42	AVG	

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

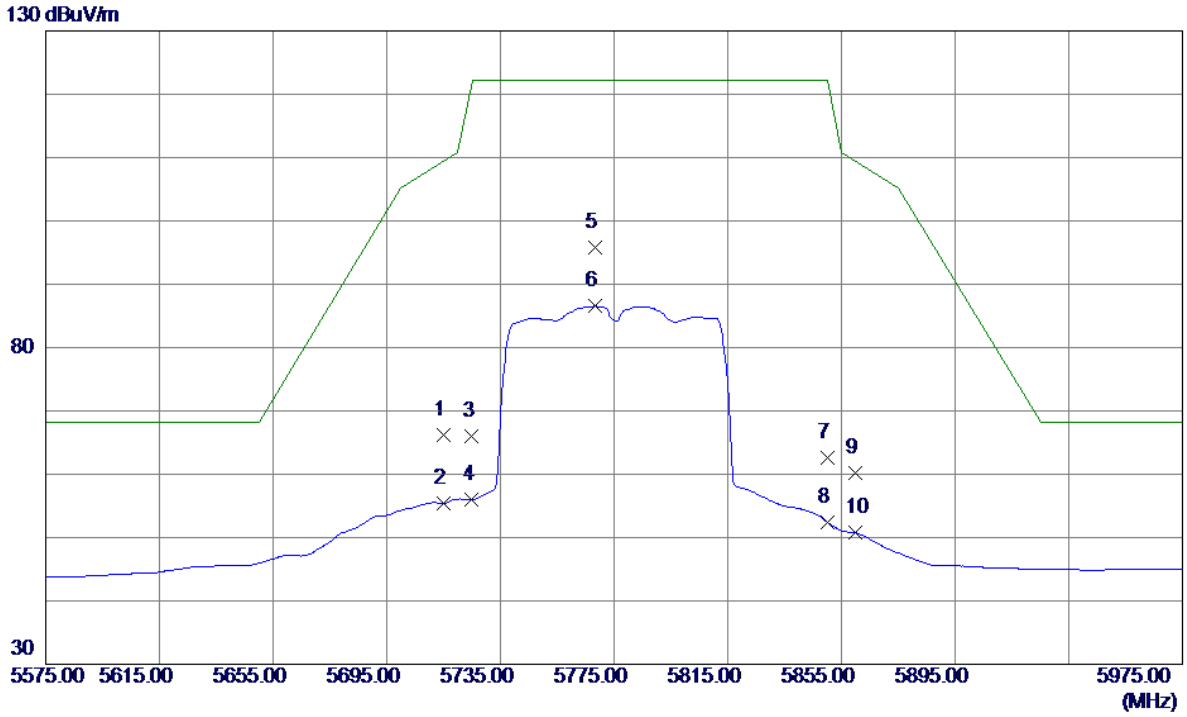
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3849.9690	37.76	3.50	41.26	54.00	-12.74	AVG	
2	3850.0050	42.23	3.50	45.73	74.00	-28.27	Peak	

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

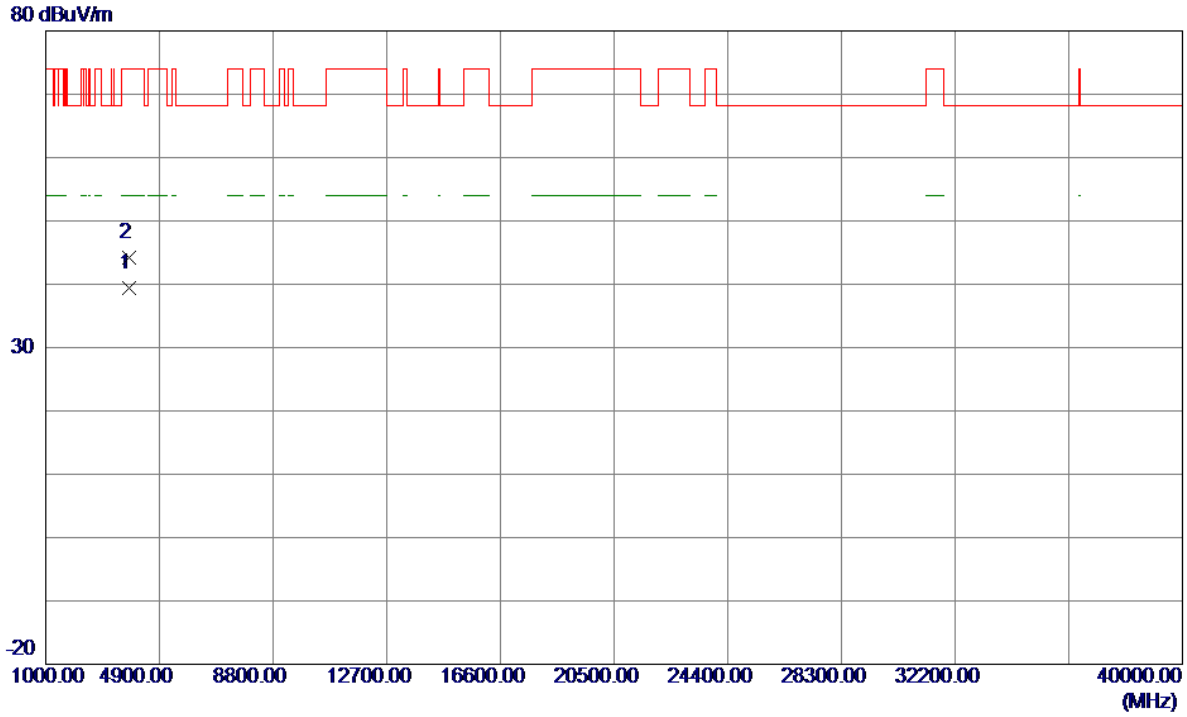
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.61	43.53	66.14	109.40	-43.26	Peak	
2	5715.0000	11.86	43.53	55.39	109.40	-54.01	AVG	
3	5725.0000	22.41	43.56	65.97	122.20	-56.23	Peak	
4	5725.0000	12.42	43.56	55.98	122.20	-66.22	AVG	
5 *	5768.2000	52.17	43.69	95.86	122.20	-26.34	Peak	
6	5768.2000	42.84	43.69	86.53	122.20	-35.67	AVG	
7	5850.0000	18.67	43.94	62.61	122.20	-59.59	Peak	
8	5850.0000	8.45	43.94	52.39	122.20	-69.81	AVG	
9	5860.0000	16.17	43.97	60.14	109.40	-49.26	Peak	
10	5860.0000	6.74	43.97	50.71	109.40	-58.69	AVG	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3850.0340	35.84	3.50	39.34	74.00	-34.66	Peak	
2 *	3850.2420	40.70	3.50	44.20	74.00	-29.80	Peak	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

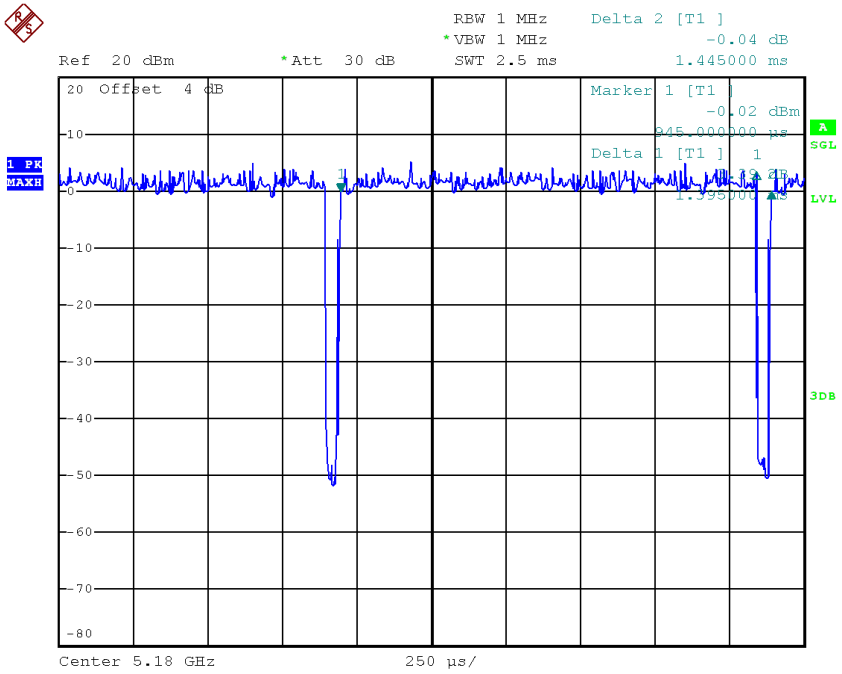
T_{ON}: 1.40 msec

T_{Total}: 1.44 msec

Duty cycle: 97.22%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.12



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

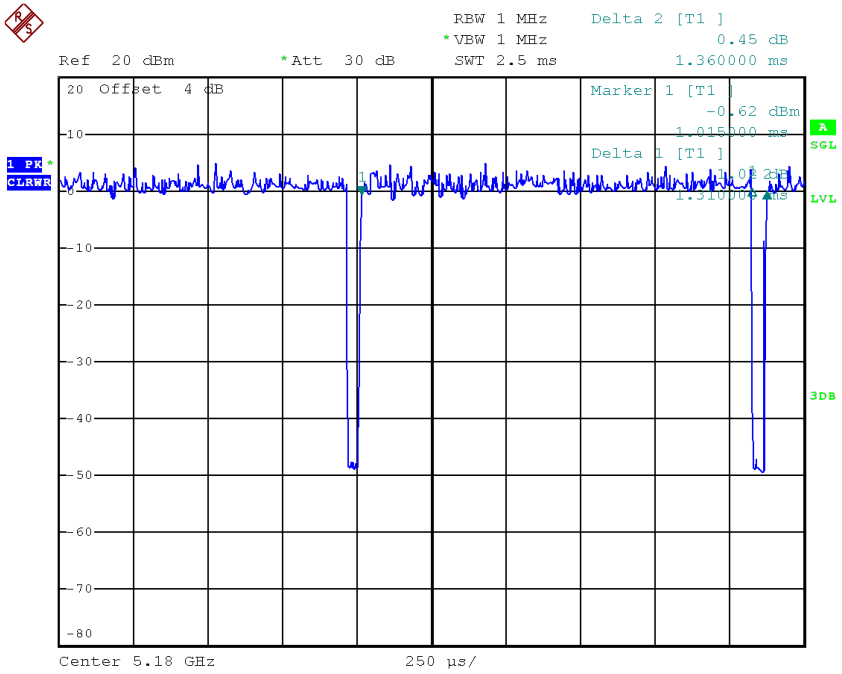
T_{ON}: 1.31 msec

T_{Total}: 1.36 msec

Duty cycle: 96.32%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.16



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

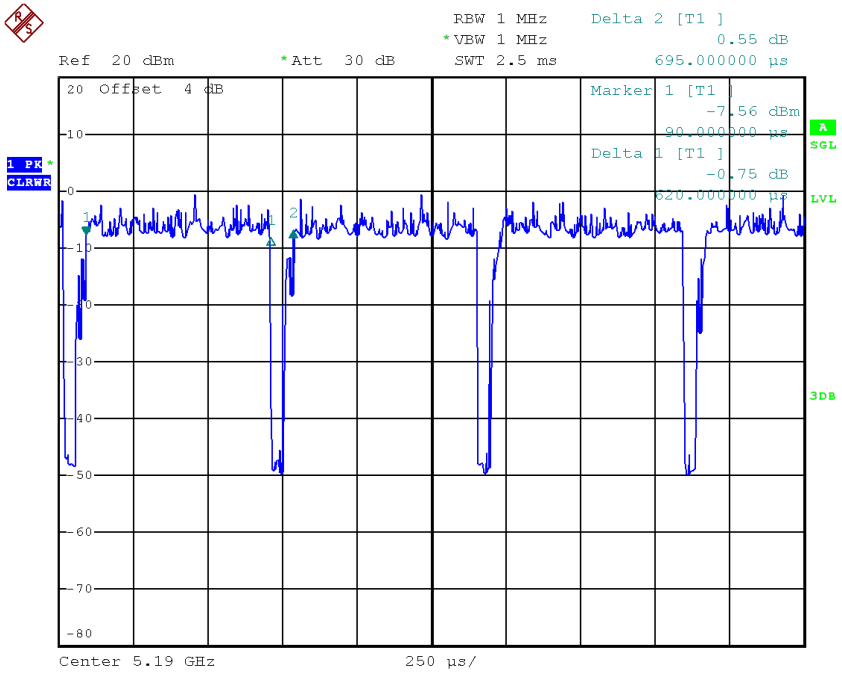
T_{ON}: 0.62 msec

T_{Total}: 0.70 msec

Duty cycle: 88.57%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.53



Date: 28.NOV.2017 15:29:44

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

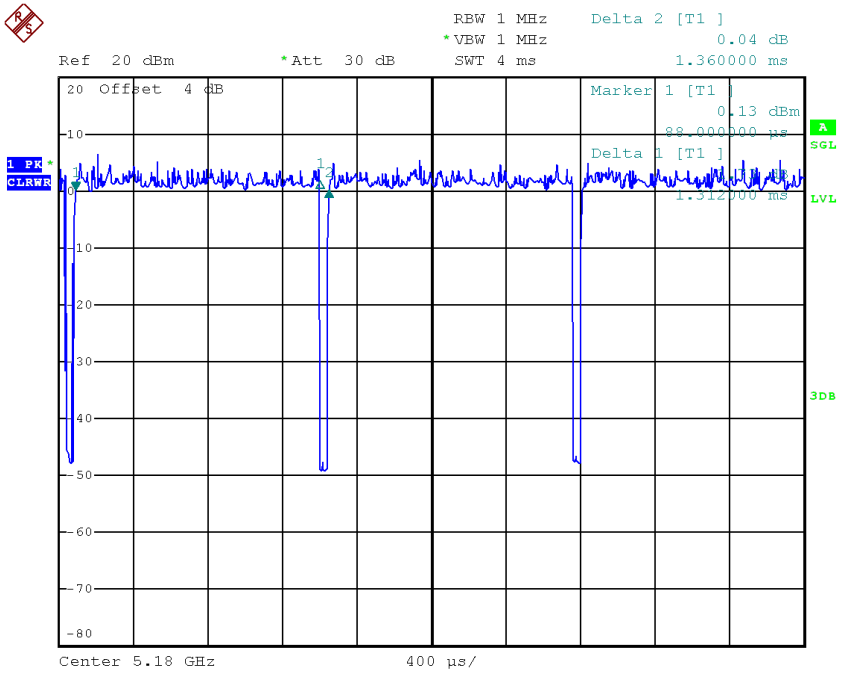
T_{ON}: 1.31 msec

T_{Total}: 1.36 msec

Duty cycle: 96.32%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.16



Date: 28.NOV.2017 15:29:24

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

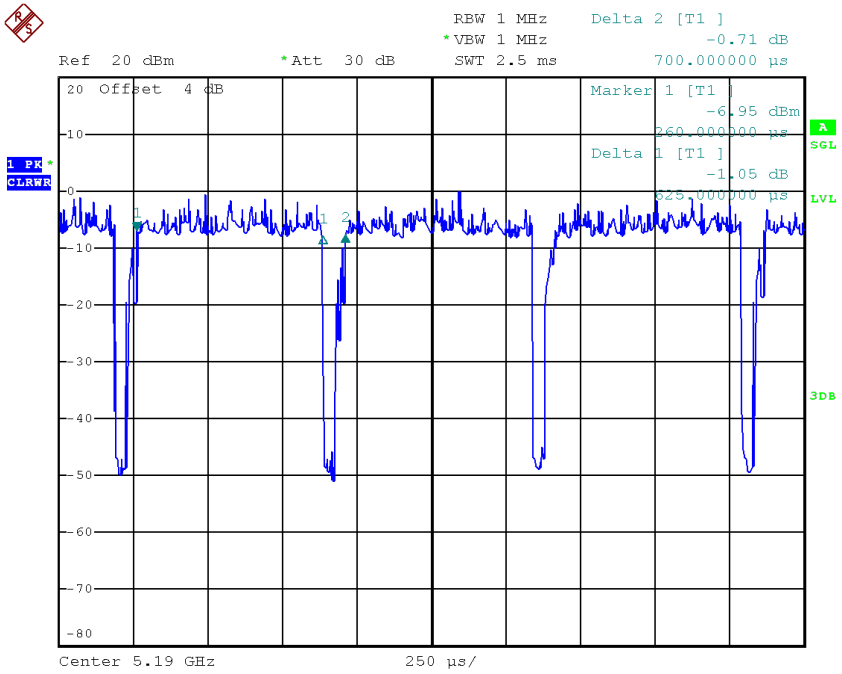
T_{ON}: 0.62 msec

T_{Total}: 0.70 msec

Duty cycle: 88.57%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.53



Date: 28.NOV.2017 15:29:59

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

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

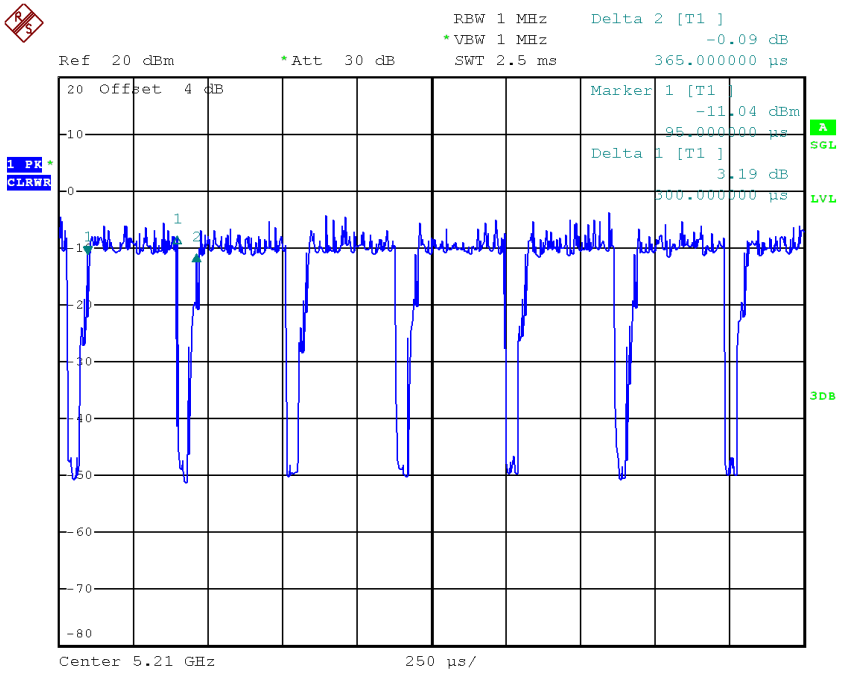
T_{ON}: 0.30 msec

T_{Total}: 0.36 msec

Duty cycle: 83.33%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.79



Date: 28.NOV.2017 15:30:11

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor