

FCC Radio Test Report

FCC ID: V7TAC5

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

Project No. : 1711C142
Equipment : AC1200 Smart Dual-Band WiFi Router
Test Model : AC5
Series Model : N/A
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Date of Receipt : Nov. 16, 2017
Date of Test : Nov. 16, 2017 ~ Dec. 06, 2017
Issued Date : Dec. 07, 2017
Tested by : BTL Inc.

Testing Engineer : Welly Zhou
(Welly Zhou)

Technical Manager : Shawn Xiao
(Shawn Xiao)

Authorized Signatory : David Mao
(David Mao)

B T L I N C .

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

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



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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1711C142	Original Issue.	Dec. 07, 2017

1. CERTIFICATION

Equipment : AC1200 Smart Dual-Band WiFi Router
Brand Name : Tenda
Test Model : AC5
Series Model : N/A
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Manufacturer : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Test : Nov. 16, 2017 ~ Dec. 06, 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-2-1711C142) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cisp} requirement.

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

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	AC1200 Smart Dual-Band WiFi Router	
Brand Name	Tenda	
Test Model	AC5	
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	867 Mbps
	Output Power (Max.)for UNII-1	802.11a: 18.71dBm 802.11n (20M): 23.00dBm 802.11n (40M): 22.29dBm 802.11ac (20M): 21.39dBm 802.11ac (40M): 22.43dBm 802.11ac (80M): 13.65dBm
	Output Power (Max.)for UNII-3	802.11a: 21.32dBm 802.11n (20M): 22.38dBm 802.11n (40M): 24.11dBm 802.11ac (20M): 22.95dBm 802.11ac (40M): 23.80dBm 802.11ac (80M): 22.14dBm
	Power Source	DC voltage supplied from AC/DC adapter. Brand/ Model: BN052-A09009U
Power Rating	I/P: 100-240V~ 50/60Hz 0.3A O/P:9V--- 1.0A	

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. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
3	N/A	N/A	Dipole	N/A	5
4	N/A	N/A	Dipole	N/A	5

Note:

The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}**, that is Directional gain=5.

4. Operating Mode

TX Mode	1TX	2TX
802.11a	V (ANT 1)	-
802.11n (20MHz)	-	V (ANT 1+ANT 2)
802.11n (40MHz)	-	V (ANT 1+ANT 2)
802.11ac (20MHz)	-	V (ANT 1+ANT 2)
802.11ac (40MHz)	-	V (ANT 1+ANT 2)
802.11ac (80MHz)	-	V (ANT 1+ANT 2)

ANT 1 for 1TX was found to be the worst case and recorded

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

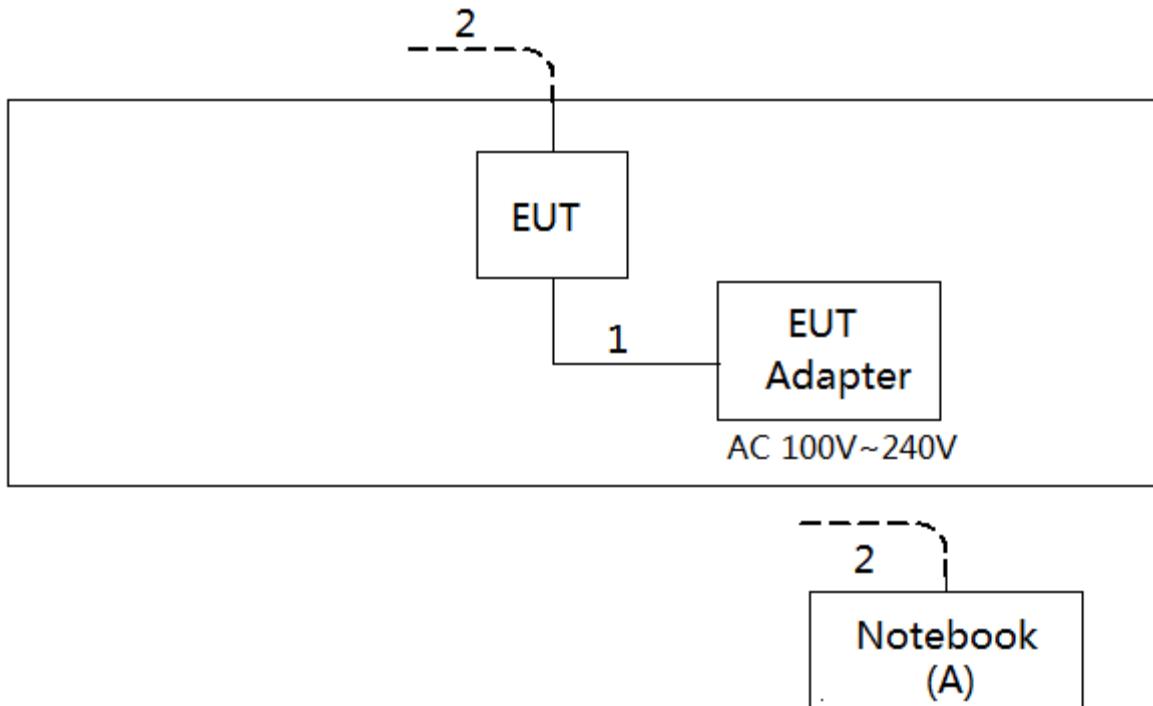
UNII-1			
Test Software Version	MP_TEST		
Frequency (MHz)	5180	5200	5240
A Mode	51	51	49
N20 Mode	50	53	52
Frequency (MHz)	5190	5230	
N40 Mode	45	55	

UNII-3			
Test Software Version	MP_TEST		
Frequency (MHz)	5745	5785	5825
A Mode	50	54	52
N20 Mode	50	53	52
Frequency (MHz)	5755	5795	
N40 Mode	55	58	

UNII-1 - 2TX			
Test Software Version	MP_TEST		
Frequency (MHz)	5180	5200	5240
AC20 Mode	50	53	53
Frequency (MHz)	5190	5230	
AC40 Mode	44	56	
Frequency (MHz)	5210		
AC80 Mode	38		

UNII-3 - 2TX			
Test Software Version	MP_TEST		
Frequency (MHz)	5745	5785	5825
AC20 Mode	50	54	53
Frequency (MHz)	5755	5795	
AC40 Mode	55	58	
Frequency (MHz)	5775		
AC80 Mode	54		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	INSPIRON 1420	DOC	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.2m	AC Cable
2	NO	NO	10m	RJ45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 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.

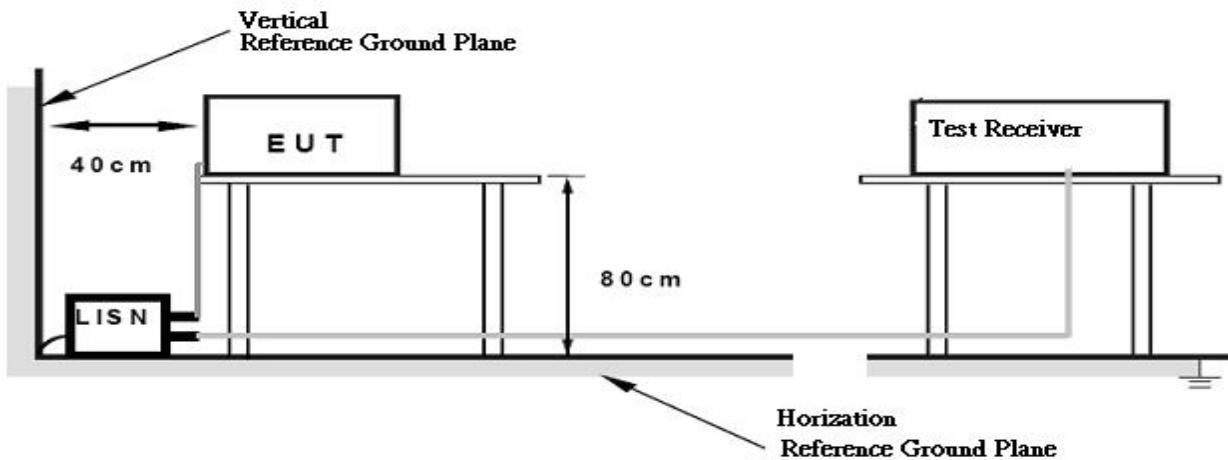
4.1.2 TEST PROCEDURE

- 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 (dB μ V/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

- The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m}$, where P is the eirp (Watts)
- 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 the band 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 or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

4.2.2 TEST PROCEDURE

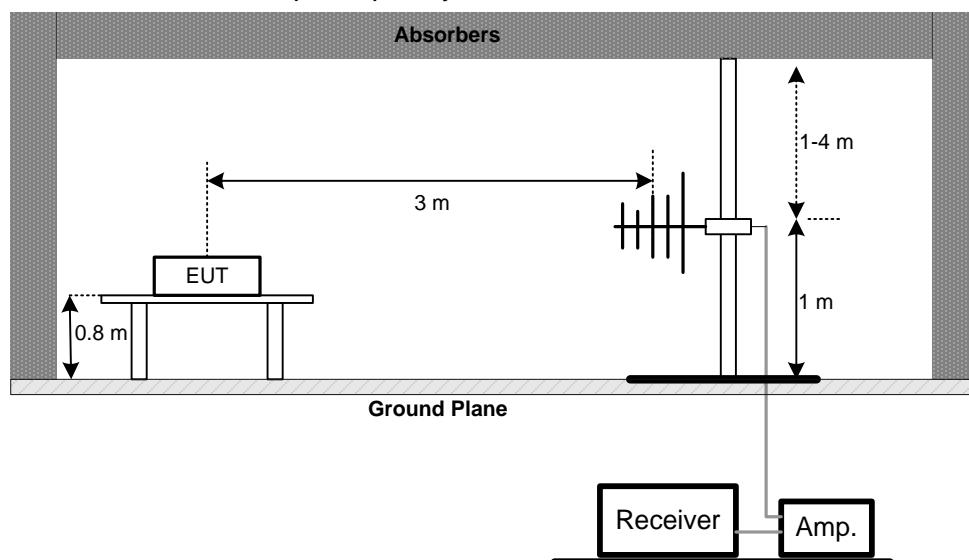
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

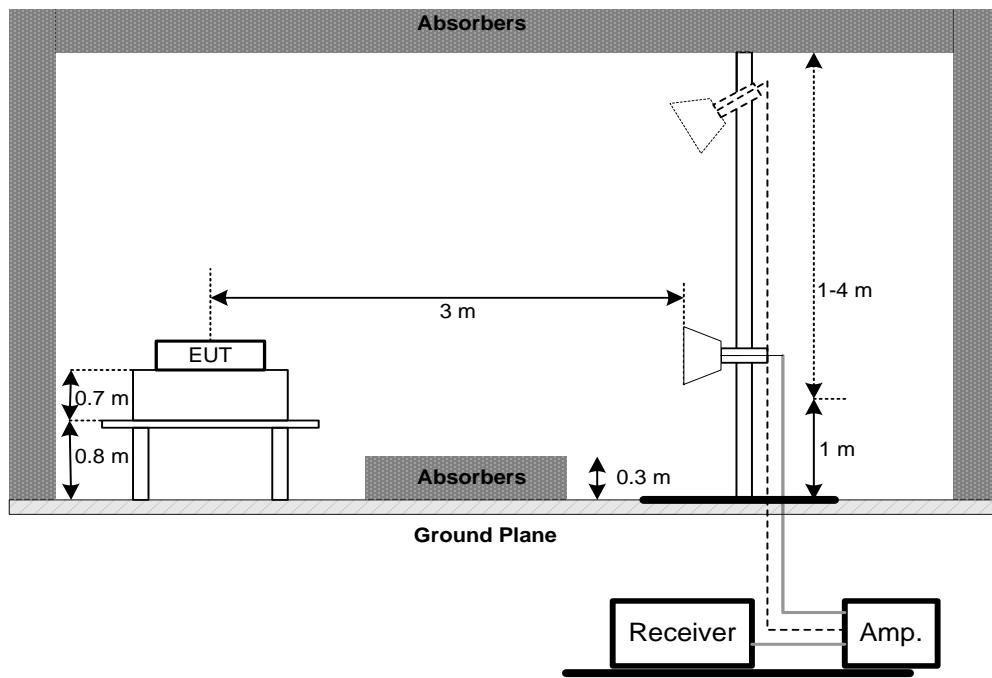
No deviation

4.2.4 TEST SETUP

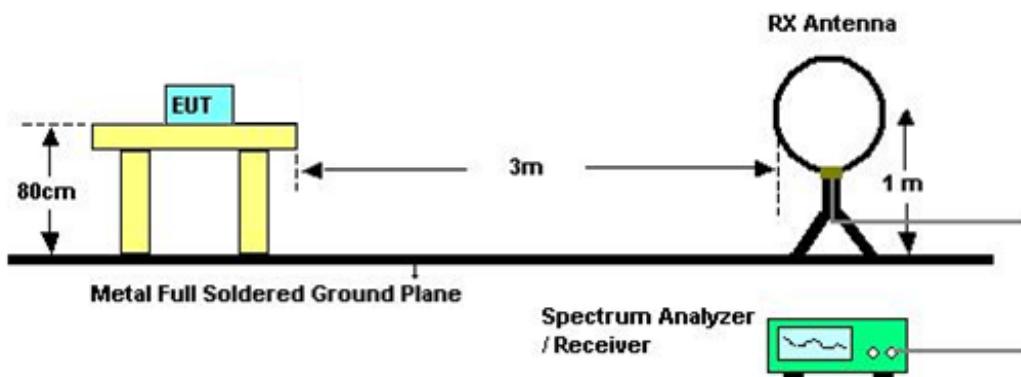
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	1 Watt (30dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at any elevation 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.

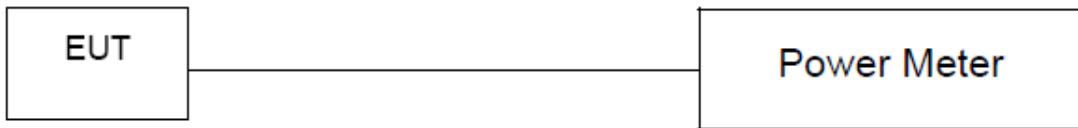
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	$\geq 3\text{MHz}$.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

- 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	\geq 3MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

Note:

- 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.
- The value measured with RBW=1MHz is to be added with $10\log(500\text{kHz}/1\text{MHz})$ which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

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

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

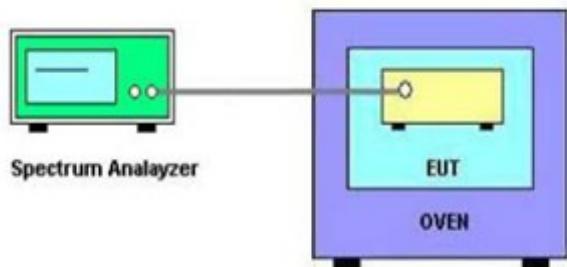
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Oct. 19, 2018

Radiated Emission Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 26, 2018
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018
3	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
4	Cable	emci	LMR-400(30MHz-1GHz)(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 Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 26, 2018
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 08, 2018
3	Amplifier	Agilent	8449B	3008A02274	May. 16, 2018
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 26, 2018
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018
6	Antenna	EM	EM-6876-1	230	Mar. 06, 2018
7	Controller	CT	SC100	N/A	N/A
8	Controller	MF	MF-7802	MF780208416	N/A
9	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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

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

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

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 26, 2018

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

10. EUT TEST PHOTOS

Conducted Measurement Photos



Radiated Measurement Photos

9KHz to 30MHz



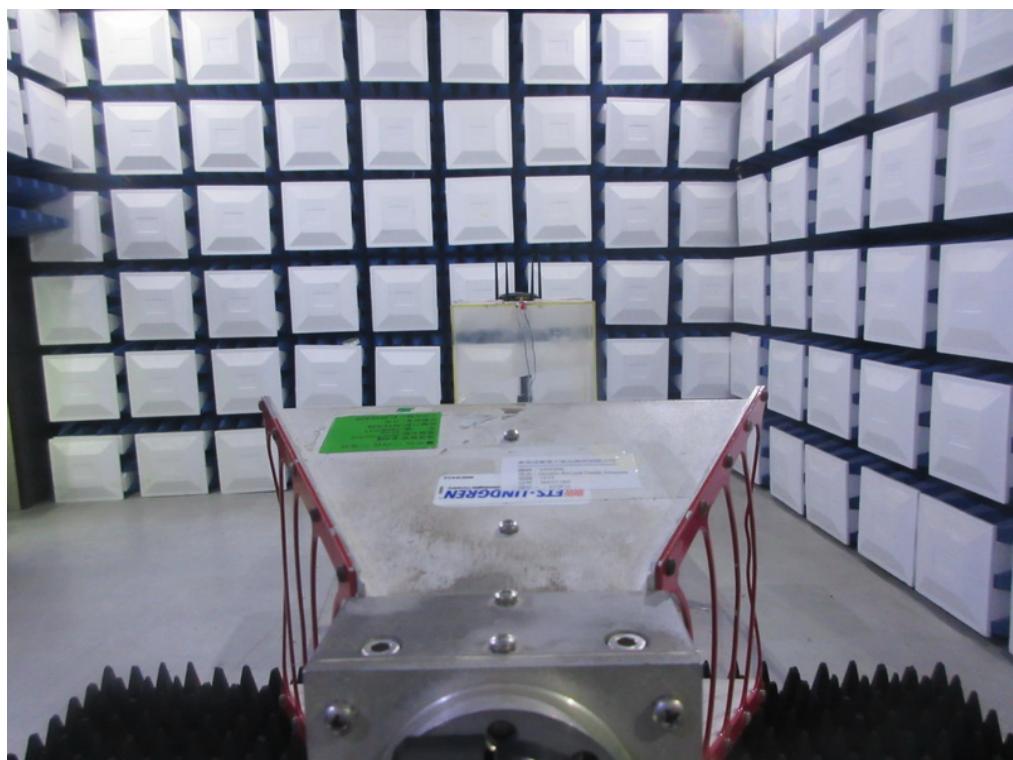
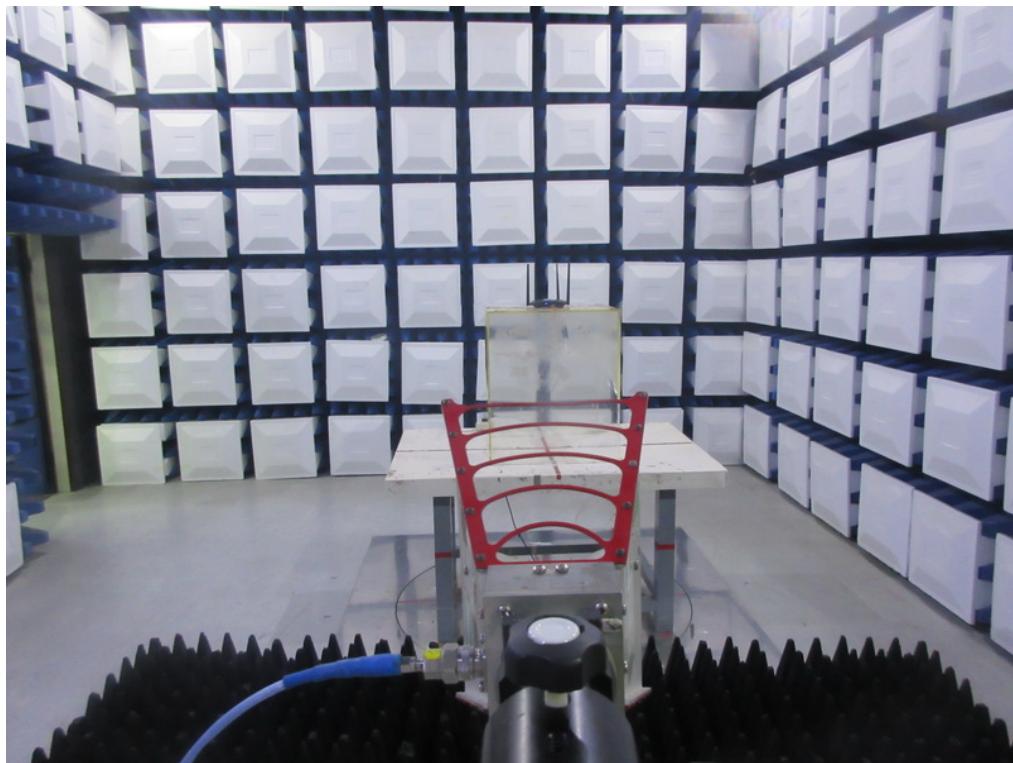
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

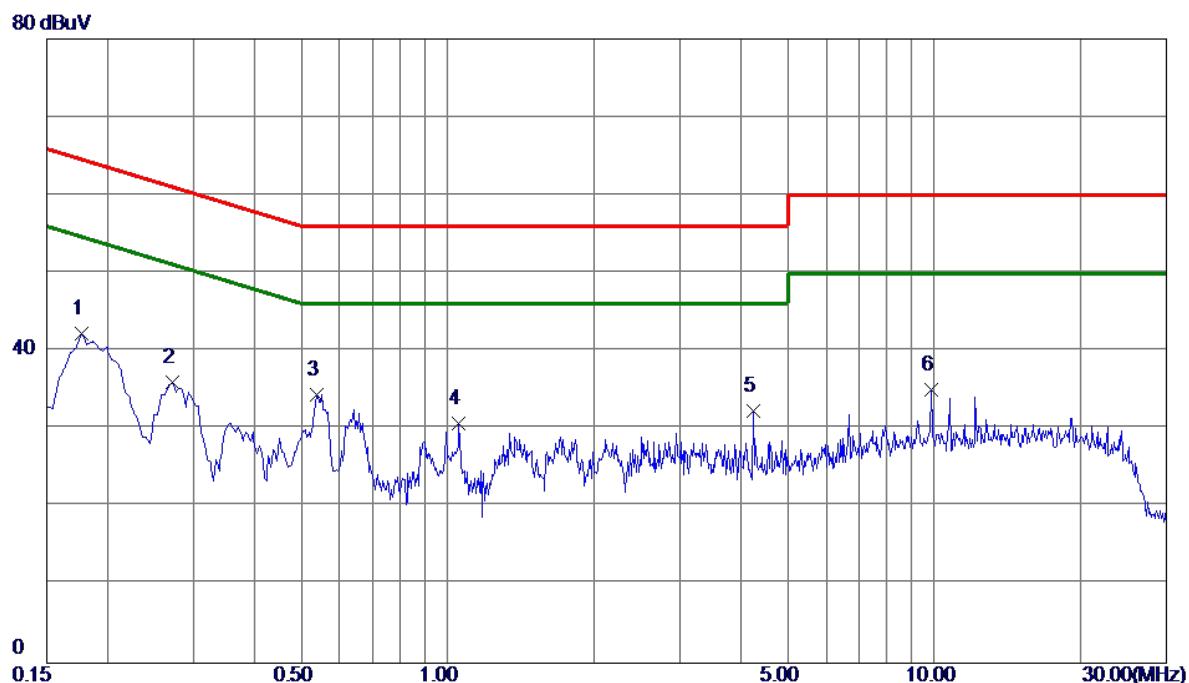
Above 1000MHz



APPENDIX A - CONDUCTED EMISSION

Test Mode: TX MODE

Line

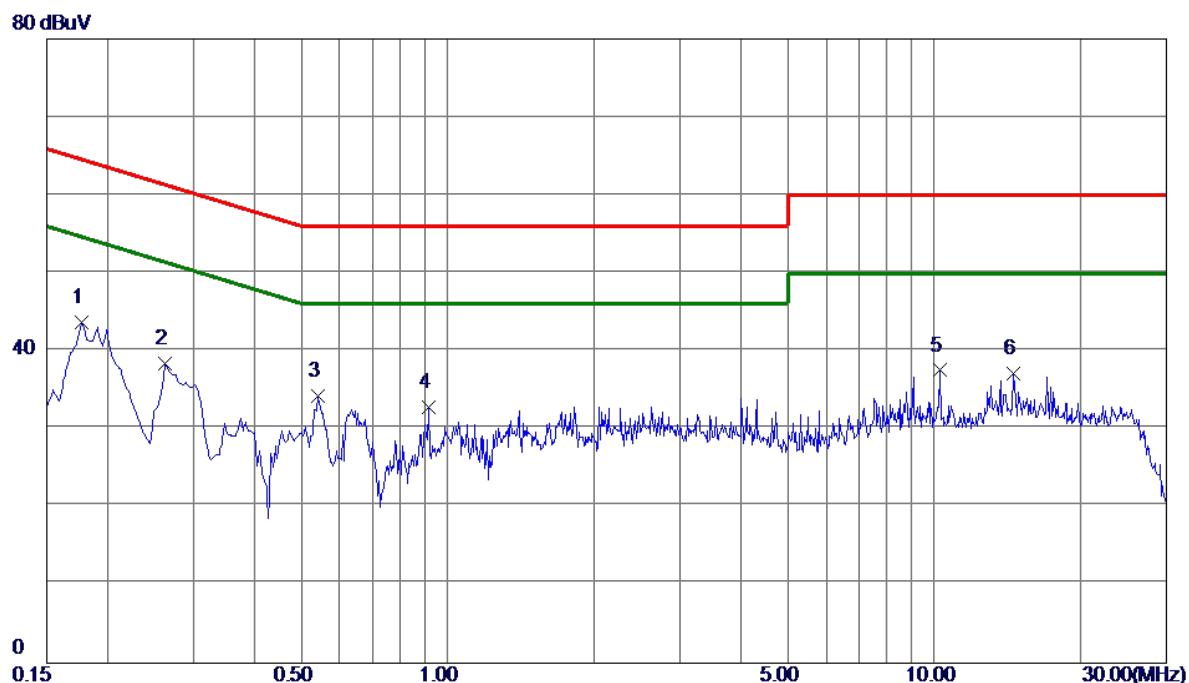


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1770	32.53	9.78	42.31	64.63	-22.32	Peak	
2	0.2714	26.26	9.76	36.02	61.07	-25.05	Peak	
3 *	0.5370	24.67	9.80	34.47	56.00	-21.53	Peak	
4	1.0545	20.85	9.85	30.70	56.00	-25.30	Peak	
5	4.2585	22.31	10.04	32.35	56.00	-23.65	Peak	
6	9.8520	24.72	10.31	35.03	60.00	-24.97	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



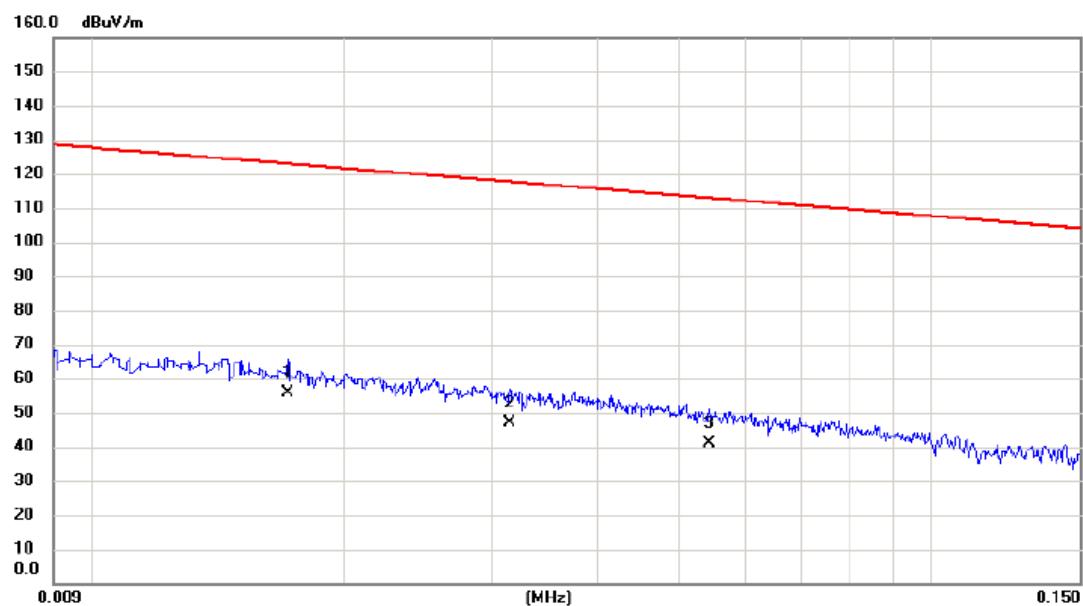
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1770	34.05	9.68	43.73	64.63	-20.90	Peak	
2	0.2625	28.76	9.67	38.43	61.35	-22.92	Peak	
3	0.5415	24.59	9.70	34.29	56.00	-21.71	Peak	
4	0.9150	23.04	9.74	32.78	56.00	-23.22	Peak	
5	10.2885	27.23	10.29	37.52	60.00	-22.48	Peak	
6	14.5545	26.59	10.60	37.19	60.00	-22.81	Peak	

Note : The test result has included the cable loss.

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

Test Mode: TX MODE

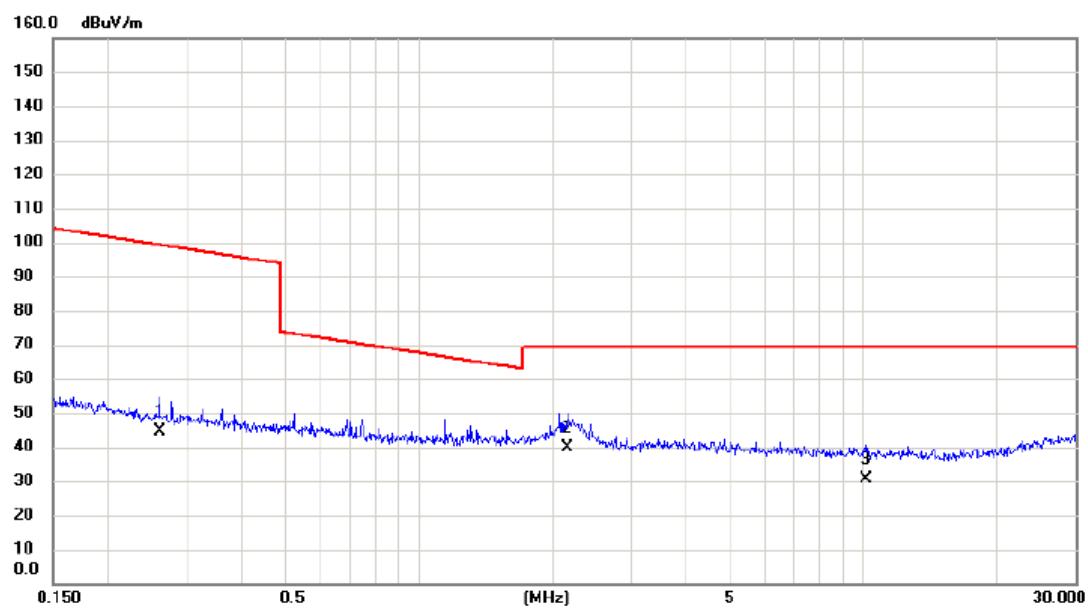
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Margin Detector	Comment
1	*	0.0171	35.63	20.00	55.63	122.94	-67.31	AVG
2		0.0314	27.70	19.28	46.98	117.67	-70.69	AVG
3		0.0544	22.40	18.63	41.03	112.89	-71.86	AVG

Test Mode: TX MODE

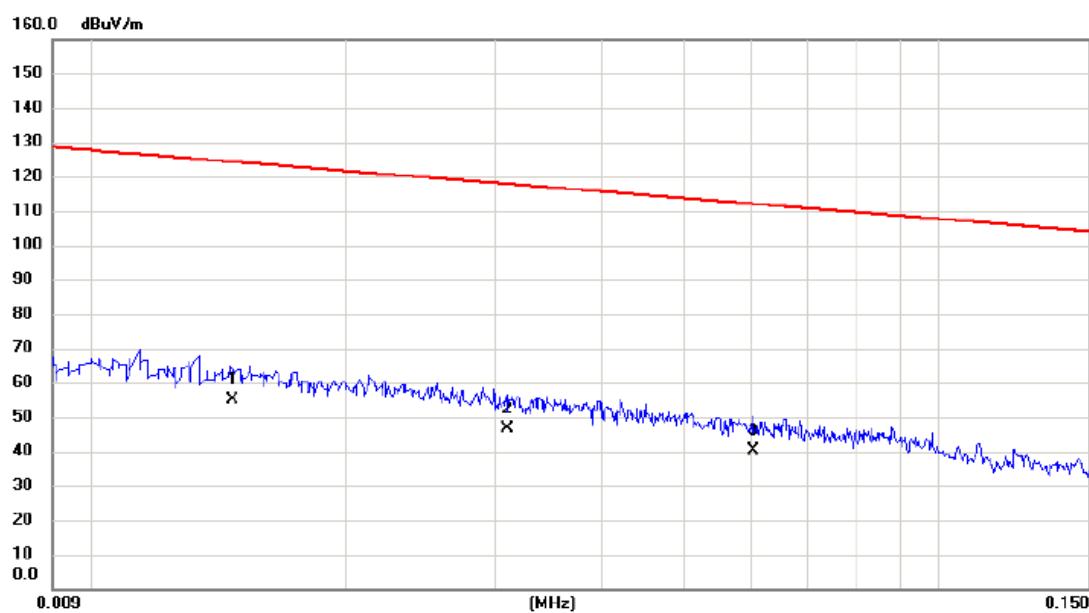
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		0.2603	27.88	16.65	44.53	99.30	-54.77	AVG
2	*	2.1552	24.53	15.46	39.99	69.54	-29.55	QP
3		10.1791	16.96	13.76	30.72	69.54	-38.82	QP

Test Mode: TX MODE

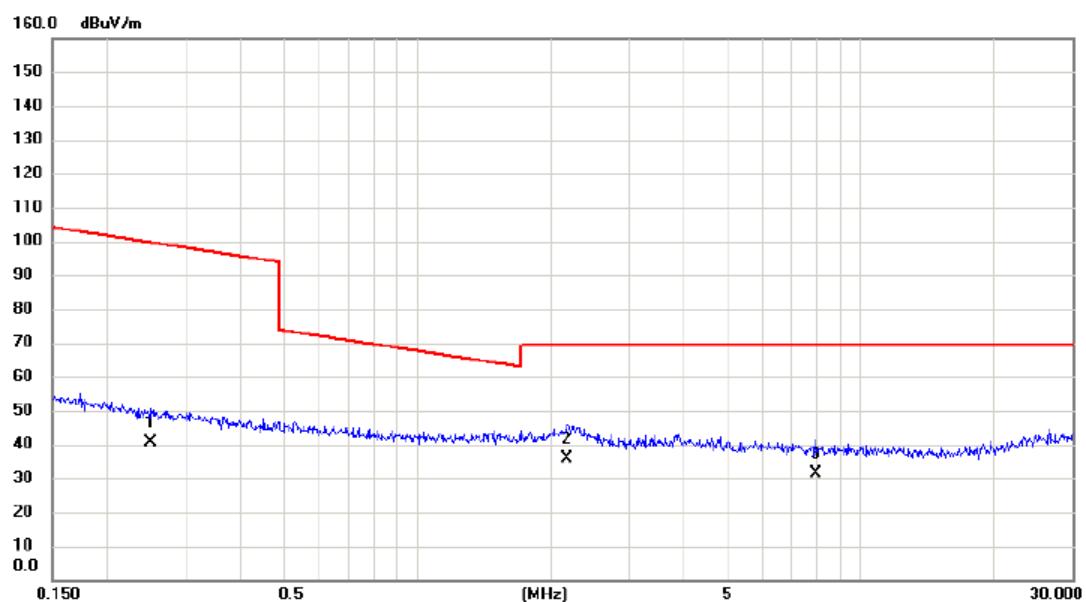
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Margin Detector	Comment
1	*	0.0147	34.67	20.31	54.98	124.26	-69.28	AVG
2		0.0310	27.15	19.29	46.44	117.78	-71.34	AVG
3		0.0605	21.82	18.52	40.34	111.97	-71.63	AVG

Test Mode: TX MODE

Ant 90°

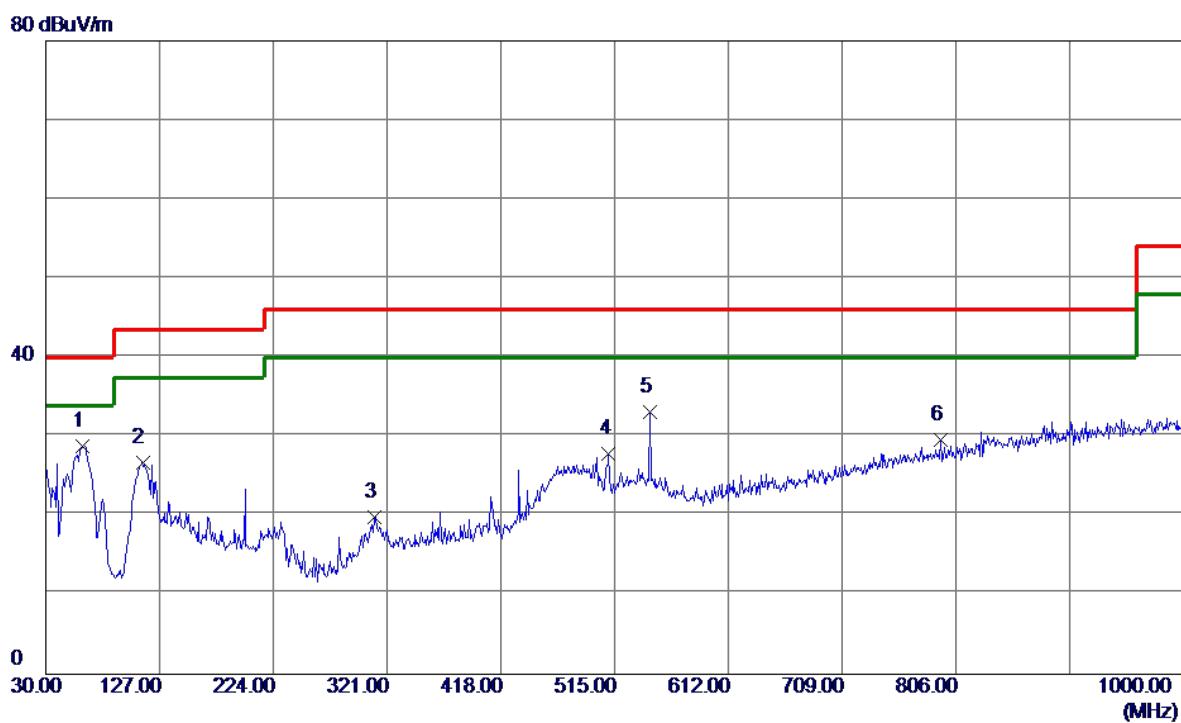


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		0.2508	24.03	16.66	40.69	99.62	-58.93	AVG
2	*	2.1783	20.24	15.46	35.70	69.54	-33.84	QP
3		7.9353	17.34	14.01	31.35	69.54	-38.19	QP

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

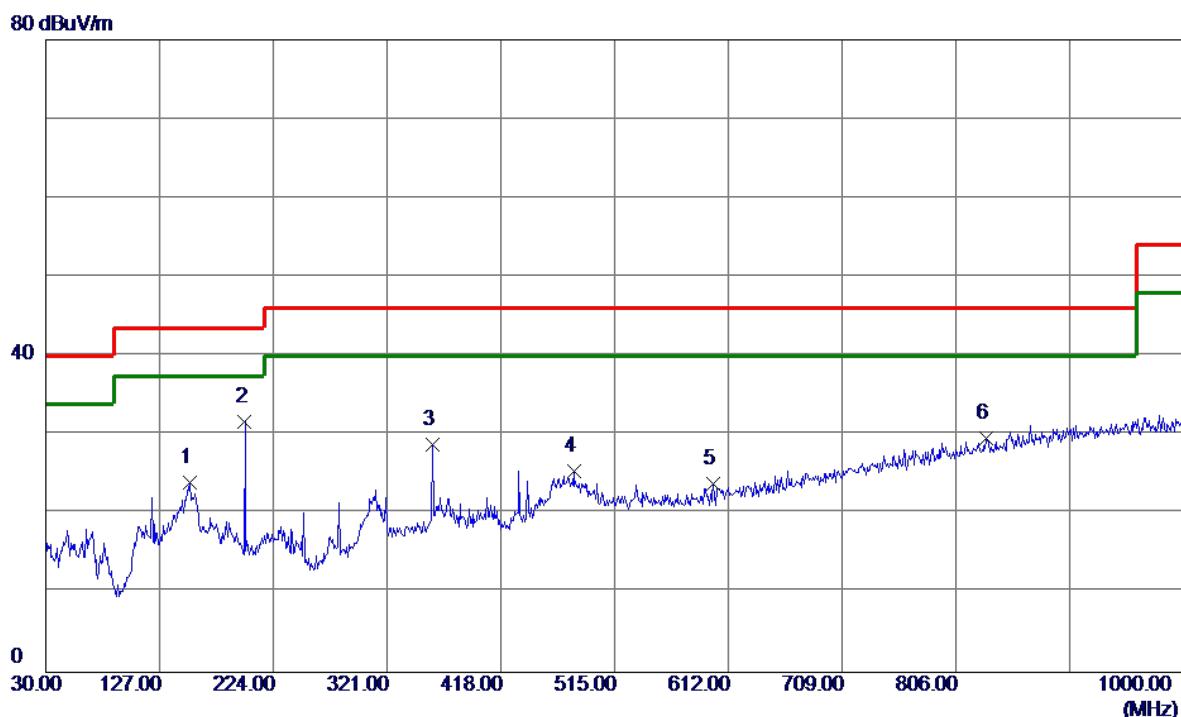
Test Mode: UNII-1/TX A Mode 5180MHz

Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	61.0400	43.33	-14.48	28.85	40.00	-11.15	Peak	
2	112.4500	42.71	-16.00	26.71	43.50	-16.79	Peak	
3	310.3299	32.46	-12.65	19.81	46.00	-26.19	Peak	
4	510.1500	36.43	-8.52	27.91	46.00	-18.09	Peak	
5	545.0700	40.97	-7.81	33.16	46.00	-12.84	Peak	
6	793.3900	31.04	-1.50	29.54	46.00	-16.46	Peak	

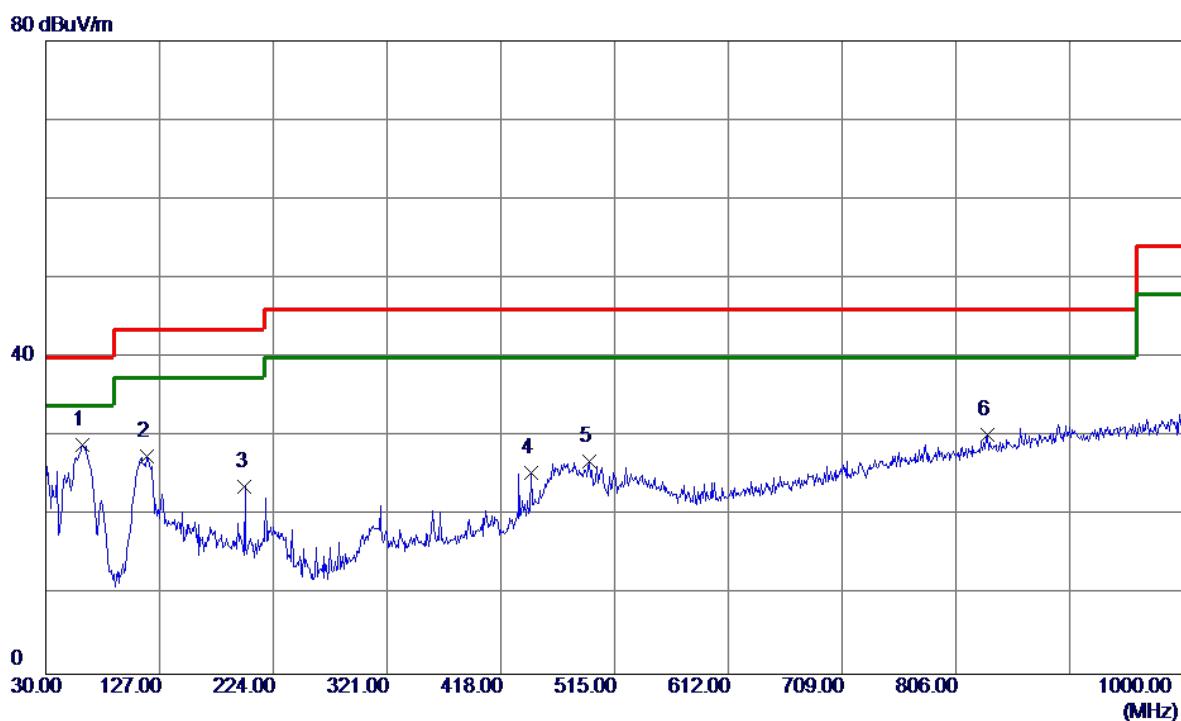
Test Mode: UNII-1/TX A Mode 5180MHz

Horizontal

No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	153.1900	37.35	-13.34	24.01	43.50	-19.49	Peak	
2 *	199.7500	45.39	-13.73	31.66	43.50	-11.84	Peak	
3	359.8000	40.62	-11.84	28.78	46.00	-17.22	Peak	
4	480.0800	34.66	-9.21	25.45	46.00	-20.55	Peak	
5	599.3900	30.26	-6.44	23.82	46.00	-22.18	Peak	
6	832.1900	30.09	-0.48	29.61	46.00	-16.39	Peak	

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

Vertical

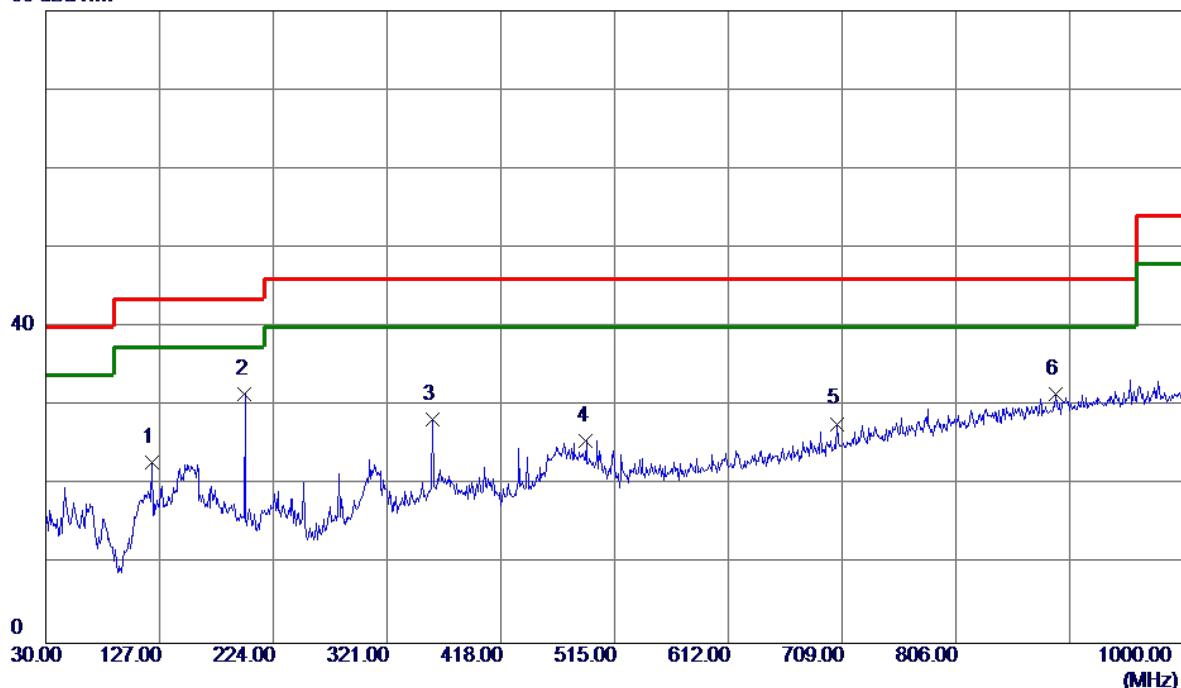


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	61.0400	43.38	-14.48	28.90	40.00	-11.10	Peak	
2	116.3300	43.16	-15.69	27.47	43.50	-16.03	Peak	
3	199.7500	37.48	-13.73	23.75	43.50	-19.75	Peak	
4	444.1900	35.57	-10.10	25.47	46.00	-20.53	Peak	
5	493.6600	35.70	-8.87	26.83	46.00	-19.17	Peak	
6	833.1599	30.63	-0.46	30.17	46.00	-15.83	Peak	

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

Horizontal

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	120.2100	38.30	-15.38	22.92	43.50	-20.58	Peak	
2 *	199.7500	45.26	-13.73	31.53	43.50	-11.97	Peak	
3	359.8000	40.22	-11.84	28.38	46.00	-17.62	Peak	
4	490.7500	34.51	-8.95	25.56	46.00	-20.44	Peak	
5	705.1200	31.55	-3.79	27.76	46.00	-18.24	Peak	
6	891.3600	30.63	0.85	31.48	46.00	-14.52	Peak	

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

Vertical

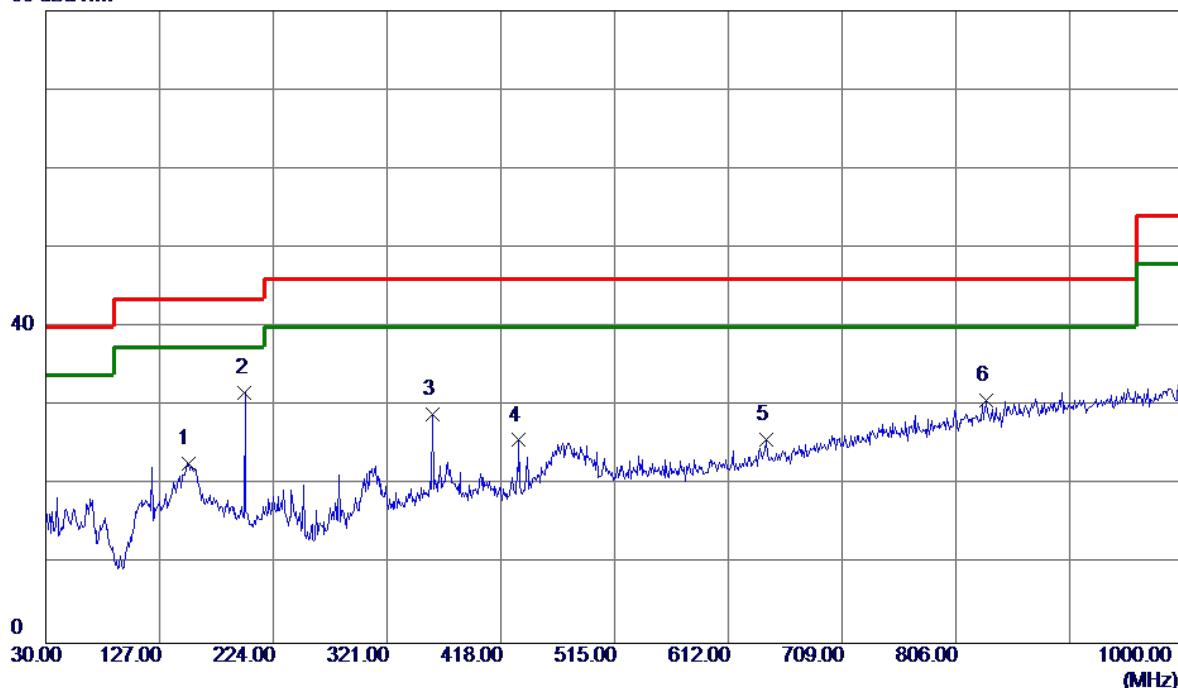


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	63.9500	44.71	-14.98	29.73	40.00	-10.27	Peak	
2	120.2100	43.57	-15.38	28.19	43.50	-15.31	Peak	
3	491.7200	36.67	-8.92	27.75	46.00	-18.25	Peak	
4	687.6599	30.80	-4.32	26.48	46.00	-19.52	Peak	
5	844.8000	30.76	-0.14	30.62	46.00	-15.38	Peak	
6	894.2700	30.25	0.91	31.16	46.00	-14.84	Peak	

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

Horizontal

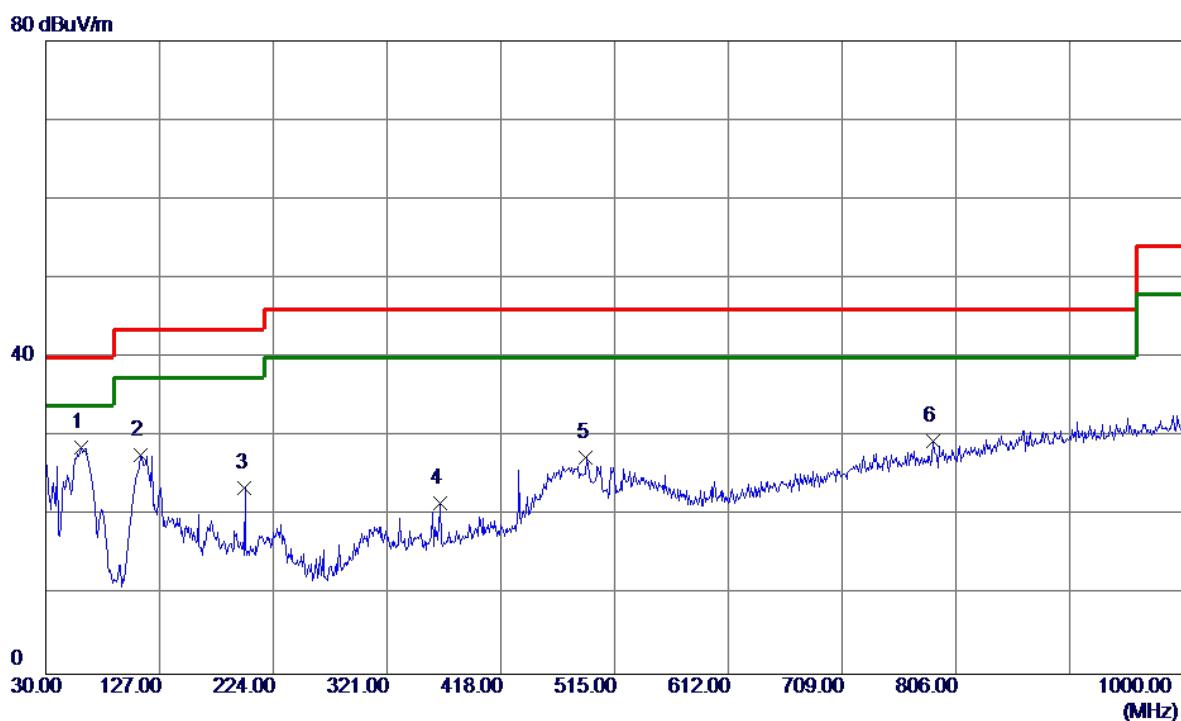
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	151.2500	36.16	-13.45	22.71	43.50	-20.79	Peak	
2 *	199.7500	45.34	-13.73	31.61	43.50	-11.89	Peak	
3	359.8000	40.85	-11.84	29.01	46.00	-16.99	Peak	
4	433.5200	36.09	-10.41	25.68	46.00	-20.32	Peak	
5	644.0100	31.37	-5.59	25.78	46.00	-20.22	Peak	
6	832.1900	31.16	-0.48	30.68	46.00	-15.32	Peak	

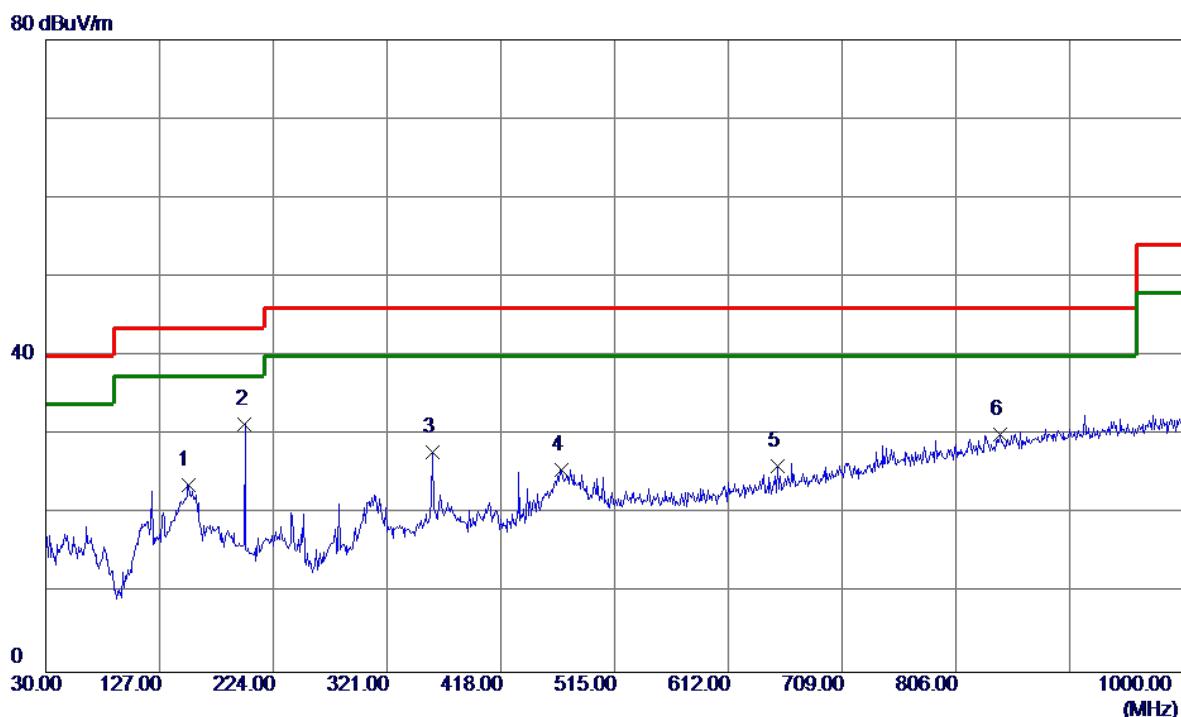
Test Mode: UNII-3/TX A Mode 5745MHz

Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	60.0700	43.00	-14.32	28.68	40.00	-11.32	Peak	
2	110.5100	43.90	-16.15	27.75	43.50	-15.75	Peak	
3	199.7500	37.25	-13.73	23.52	43.50	-19.98	Peak	
4	366.5900	33.39	-11.76	21.63	46.00	-24.37	Peak	
5	490.7500	36.37	-8.95	27.42	46.00	-18.58	Peak	
6	786.6000	31.02	-1.65	29.37	46.00	-16.63	Peak	

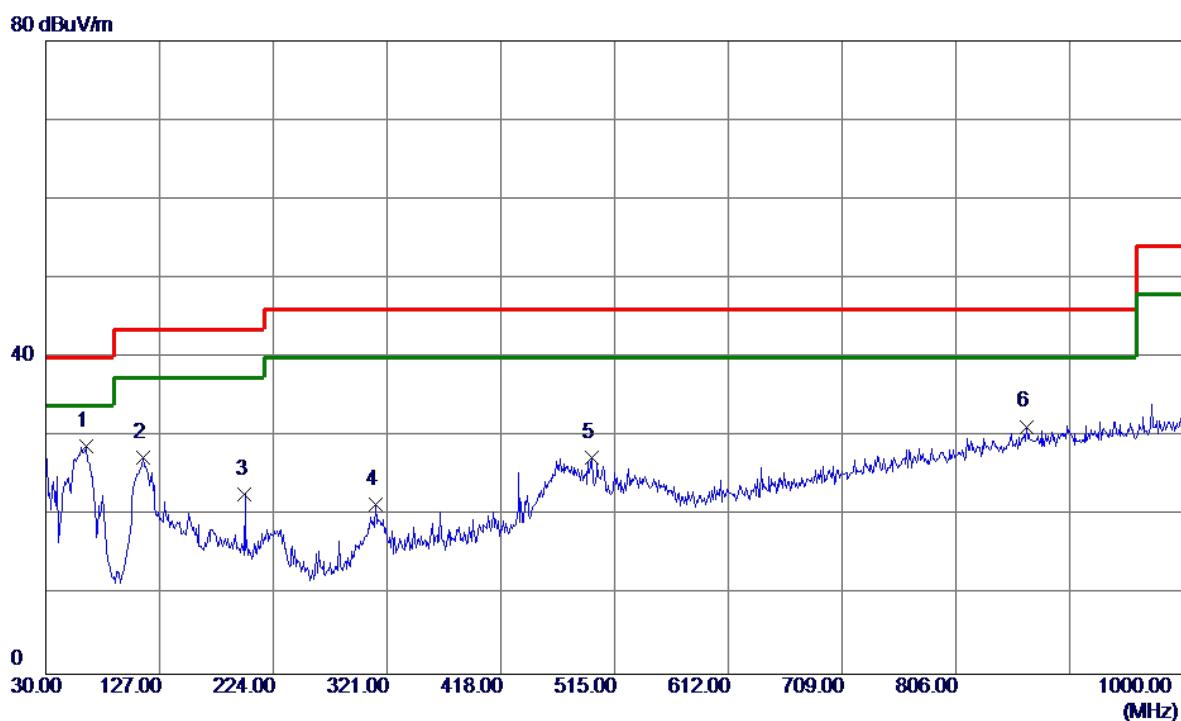
Test Mode: UNII-3/TX A Mode 5745MHz

Horizontal

No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	151.2500	37.09	-13.45	23.64	43.50	-19.86	Peak	
2 *	199.7500	45.06	-13.73	31.33	43.50	-12.17	Peak	
3	359.8000	39.67	-11.84	27.83	46.00	-18.17	Peak	
4	469.4100	35.14	-9.47	25.67	46.00	-20.33	Peak	
5	653.7100	31.40	-5.36	26.04	46.00	-19.96	Peak	
6	843.8300	30.32	-0.17	30.15	46.00	-15.85	Peak	

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

Vertical

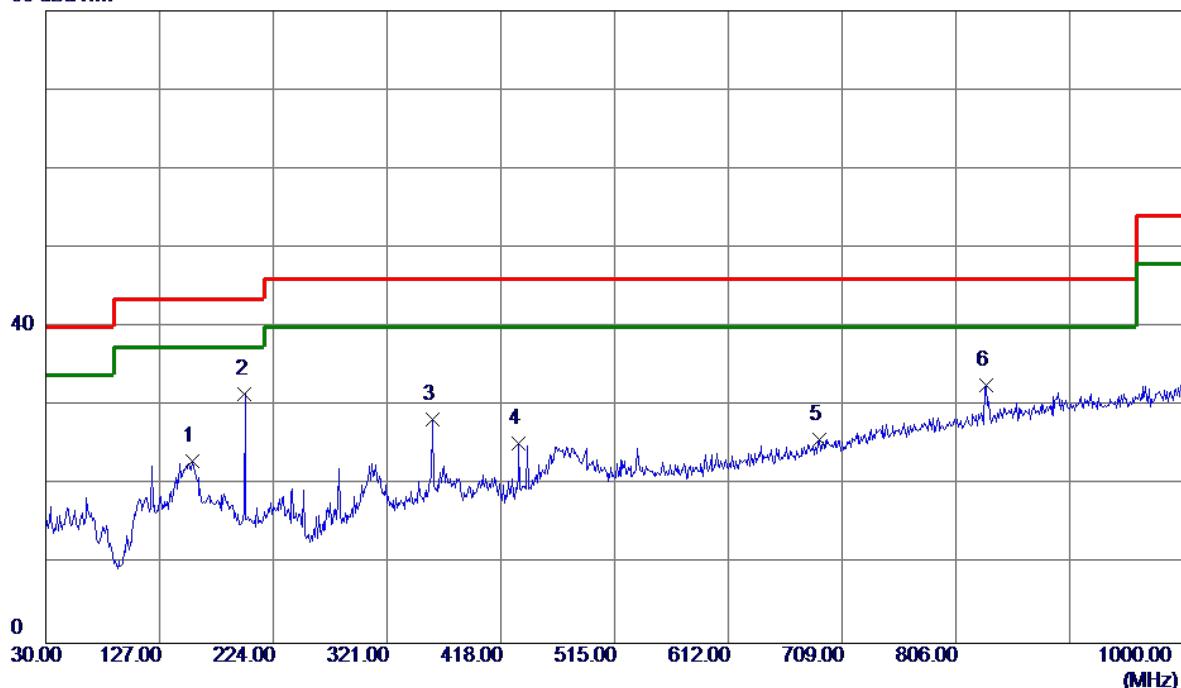


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	64.9200	43.88	-15.15	28.73	40.00	-11.27	Peak	
2	113.4200	43.34	-15.92	27.42	43.50	-16.08	Peak	
3	199.7500	36.44	-13.73	22.71	43.50	-20.79	Peak	
4	311.3000	34.12	-12.63	21.49	46.00	-24.51	Peak	
5	495.6000	36.17	-8.83	27.34	46.00	-18.66	Peak	
6	866.1400	30.95	0.33	31.28	46.00	-14.72	Peak	

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

Horizontal

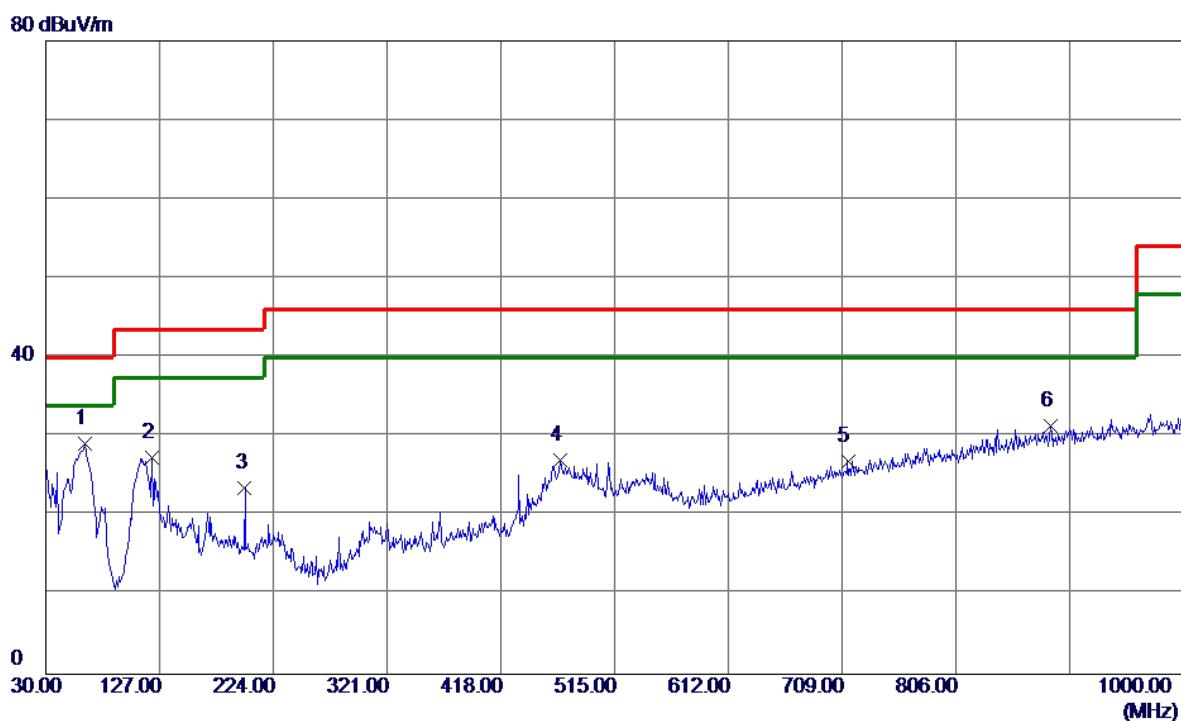
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	155.1300	36.27	-13.22	23.05	43.50	-20.45	Peak	
2 *	199.7500	45.30	-13.73	31.57	43.50	-11.93	Peak	
3	359.8000	40.20	-11.84	28.36	46.00	-17.64	Peak	
4	433.5200	35.62	-10.41	25.21	46.00	-20.79	Peak	
5	689.6000	29.99	-4.26	25.73	46.00	-20.27	Peak	
6	832.1900	33.10	-0.48	32.62	46.00	-13.38	Peak	

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

Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m dB	Margin Detector	Comment
1 *	62.9800	43.91	-14.82	29.09	40.00	-10.91	Peak
2	120.2100	42.76	-15.38	27.38	43.50	-16.12	Peak
3	199.7500	37.32	-13.73	23.59	43.50	-19.91	Peak
4	468.4400	36.50	-9.49	27.01	46.00	-18.99	Peak
5	713.8500	30.40	-3.53	26.87	46.00	-19.13	Peak
6	886.5100	30.66	0.75	31.41	46.00	-14.59	Peak

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

Horizontal



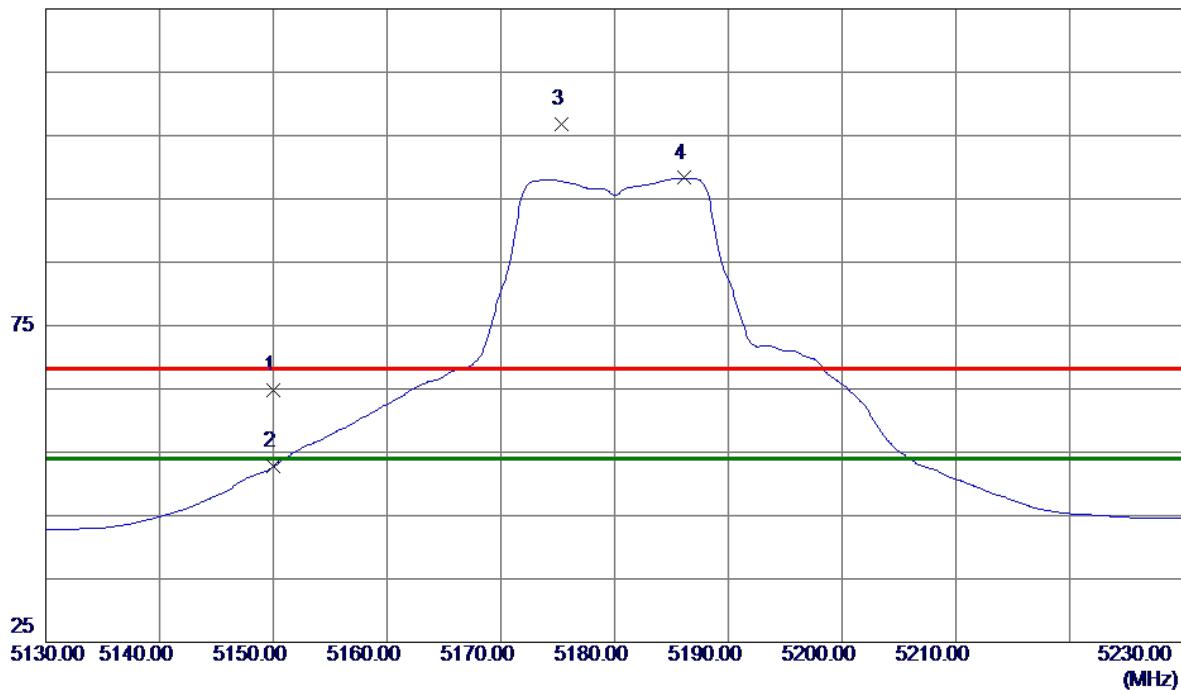
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	151.2500	36.68	-13.45	23.23	43.50	-20.27	Peak	
2 *	199.7500	45.06	-13.73	31.33	43.50	-12.17	Peak	
3	359.8000	39.95	-11.84	28.11	46.00	-17.89	Peak	
4	440.3100	36.12	-10.22	25.90	46.00	-20.10	Peak	
5	678.9300	31.21	-4.59	26.62	46.00	-19.38	Peak	
6	830.2500	31.84	-0.54	31.30	46.00	-14.70	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

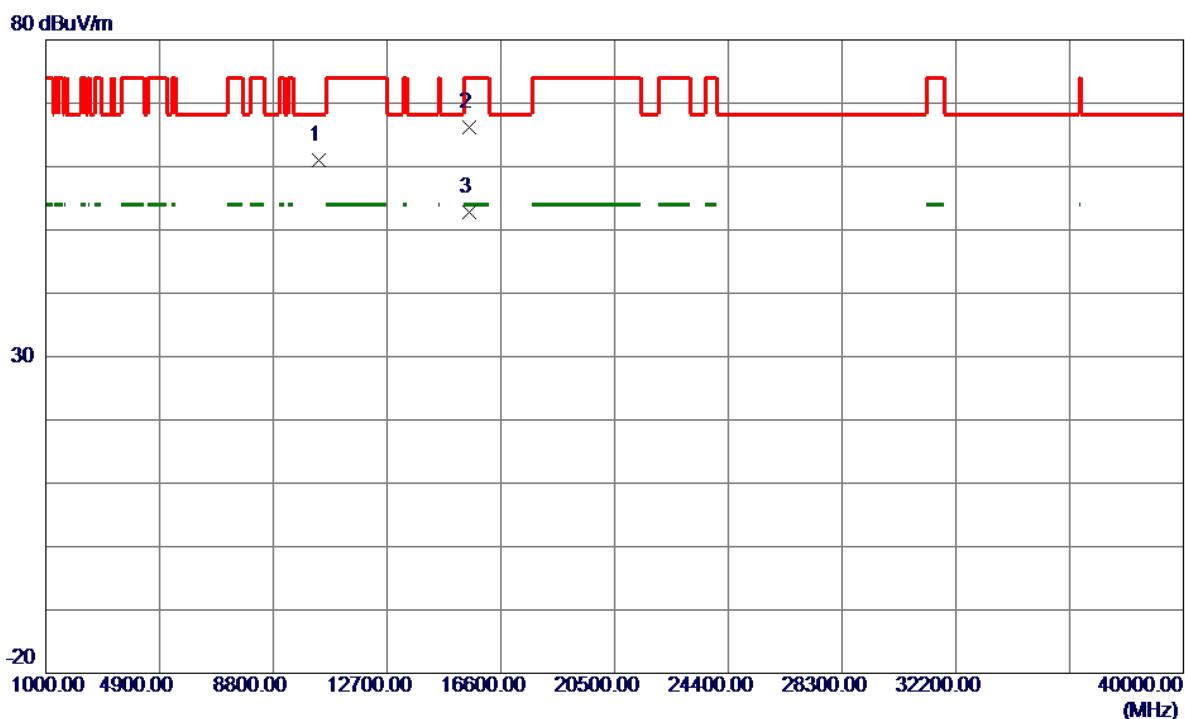
Vertical

125 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	23.68	41.10	64.78	68.30	-3.52	Peak	
2	5150.0000	11.61	41.10	52.71	54.00	-1.29	Avg	
3	5175.3000	65.55	41.23	106.78	68.30	38.48	Peak	No Limit
4 *	5186.1000	57.01	41.29	98.30	54.00	44.30	Avg	No Limit

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

Vertical

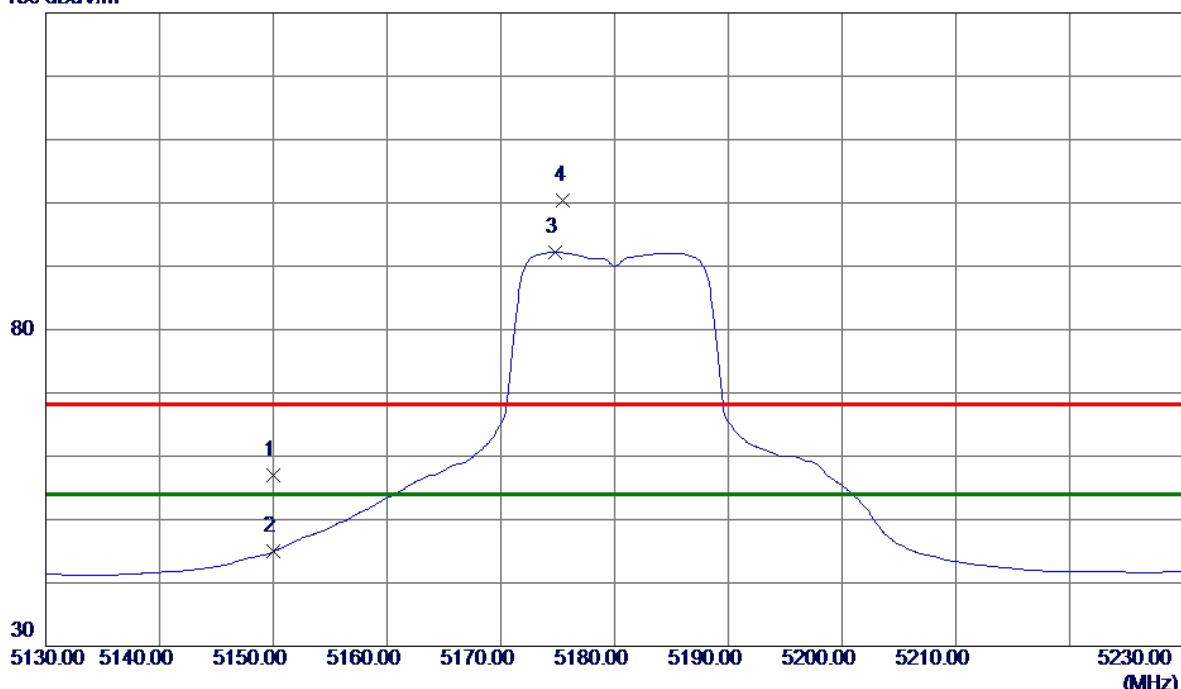
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10362.1500	44.57	16.34	60.91	68.30	-7.39	Peak	
2	15536.8000	42.88	23.27	66.15	74.00	-7.85	Peak	
3 *	15537.3000	29.44	23.27	52.71	54.00	-1.29	AVG	

Orthogonal Axis: X

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

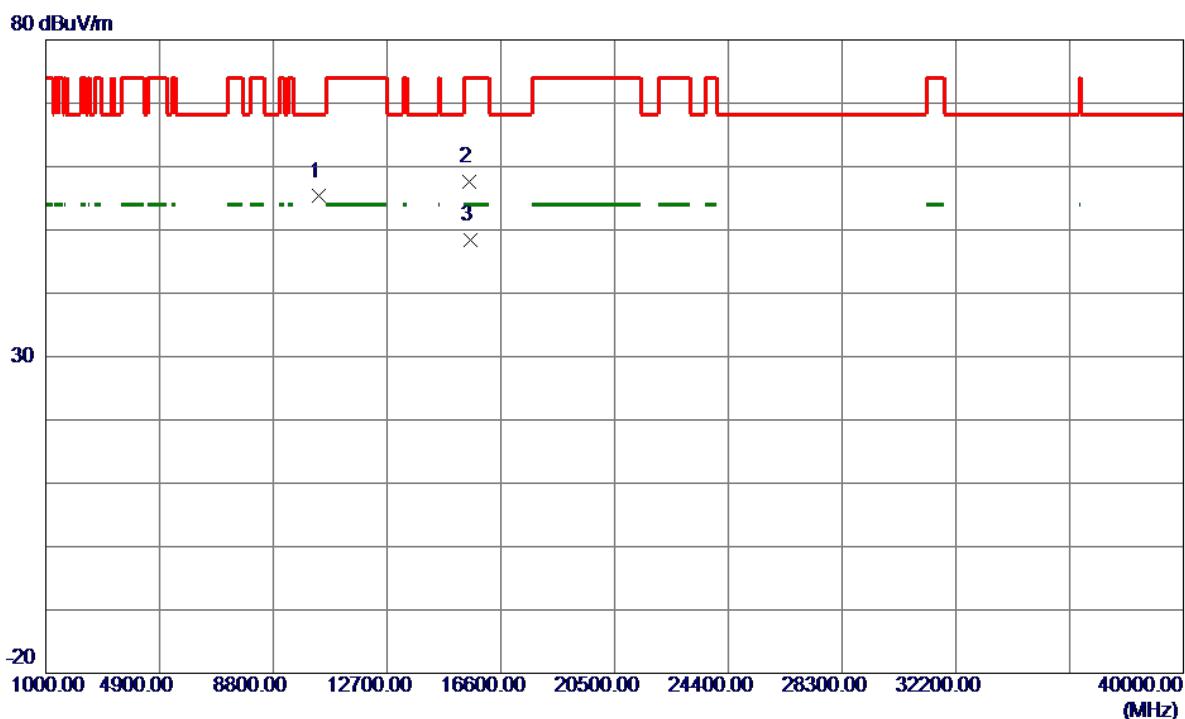
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	15.83	41.10	56.93	68.30	-11.37	Peak	
2	5150.0000	3.84	41.10	44.94	54.00	-9.06	AVG	
3 *	5174.8000	50.93	41.23	92.16	54.00	38.16	AVG	No Limit
4	5175.5000	59.16	41.23	100.39	68.30	32.09	Peak	No Limit

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

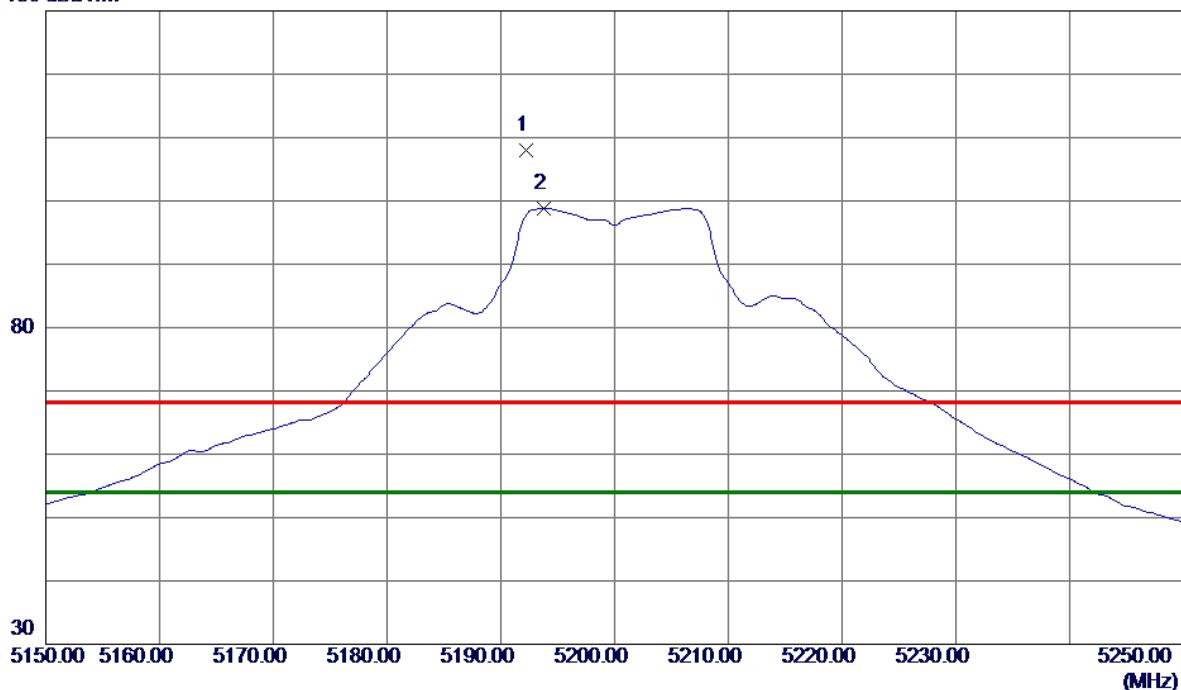
Horizontal

No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector		Comment
							Detector	Comment	
1	10356.5000	38.98	16.32	55.30	68.30	-13.00	Peak		
2	15537.0000	34.31	23.27	57.58	74.00	-16.42	Peak		
3 *	15539.0000	25.09	23.27	48.36	54.00	-5.64	AVG		

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

Vertical

130 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	5192.2000	66.60	41.32	107.92	68.30	39.62	Peak	No Limit
2 *	5193.8000	57.46	41.32	98.78	54.00	44.78	AVG	No Limit

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

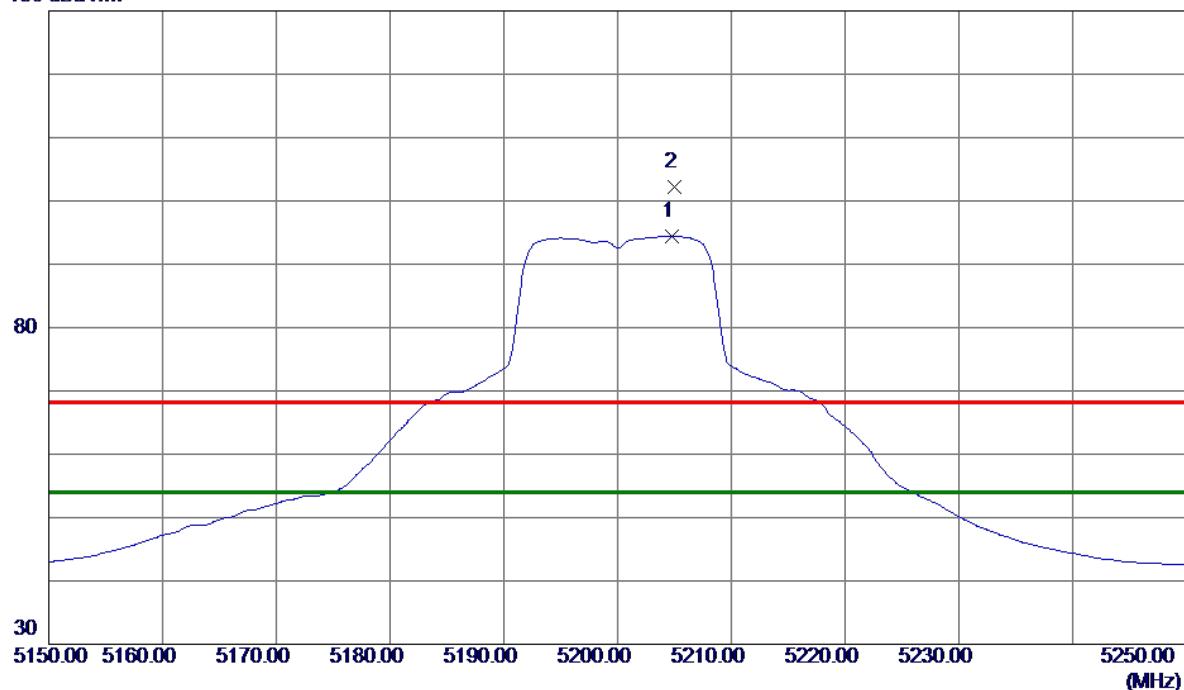
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	10397.9500	47.63	16.43	64.06	68.30	-4.24	Peak	
2 *	15599.2000	29.75	23.30	53.05	54.00	-0.95	AVG	
3	15607.6000	41.29	23.30	64.59	74.00	-9.41	Peak	

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

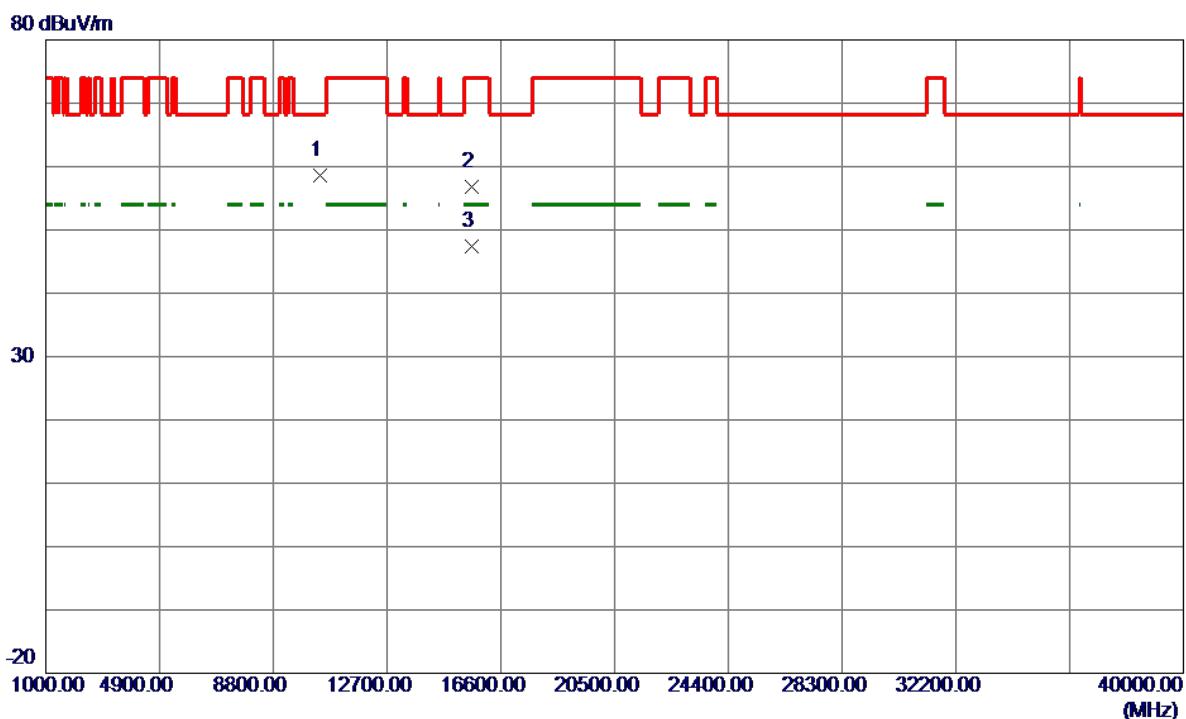
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5204.8000	53.04	41.38	94.42	54.00	40.42	AVG	No Limit
2	5205.0000	60.83	41.38	102.21	68.30	33.91	Peak	No Limit

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

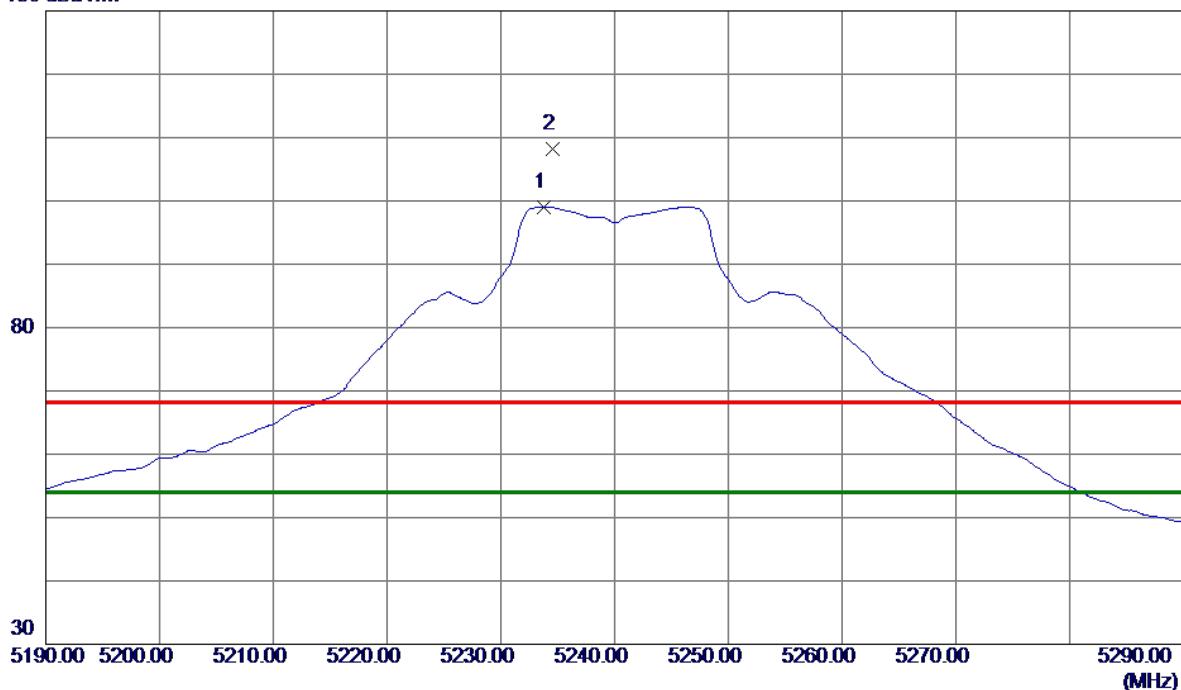
Horizontal

No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10401.9500	42.21	16.44	58.65	68.30	-9.65	Peak	
2	15596.3000	33.46	23.30	56.76	74.00	-17.24	Peak	
3 *	15597.2000	24.18	23.30	47.48	54.00	-6.52	AVG	

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

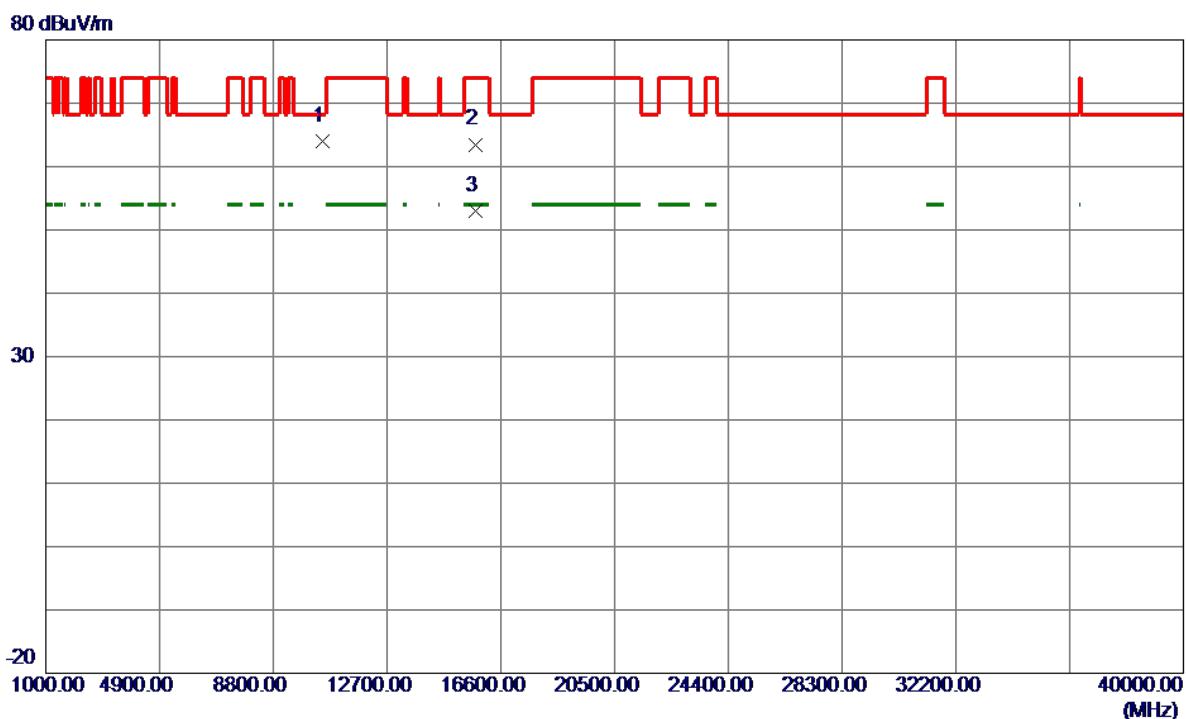
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	5233.8000	57.51	41.53	99.04	54.00	45.04	AVG	No Limit
2	5234.6000	66.72	41.53	108.25	68.30	39.95	Peak	No Limit

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

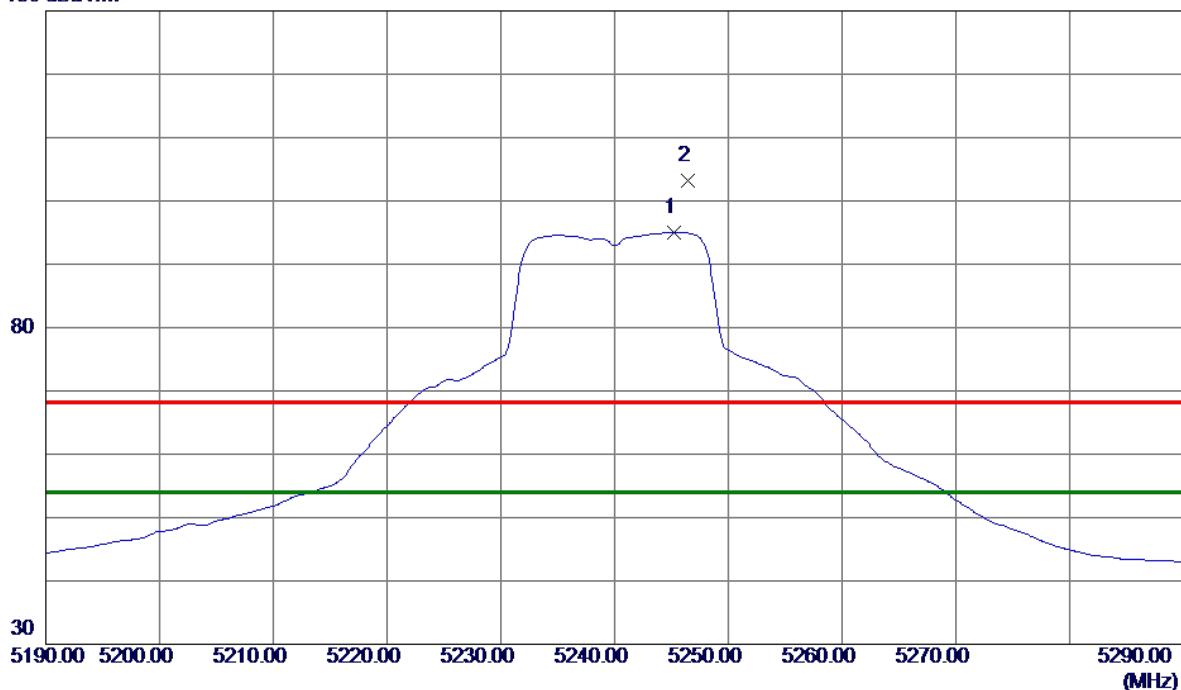
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	10482.2500	47.34	16.66	64.00	68.30	-4.30	Peak	
2	15715.7000	40.14	23.36	63.50	74.00	-10.50	Peak	
3 *	15719.0000	29.60	23.37	52.97	54.00	-1.03	AVG	

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

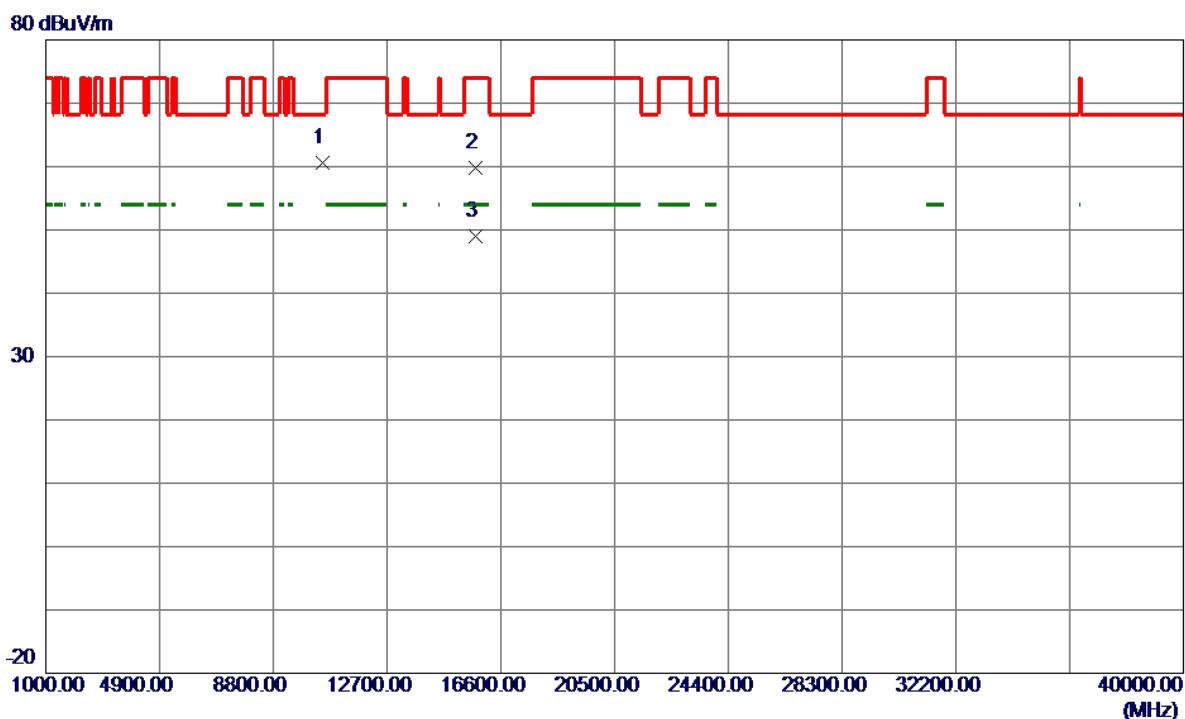
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin		Comment
						Detector		
1 *	5245.2000	53.49	41.59	95.08	54.00	41.08	AVG	No Limit
2	5246.4000	61.64	41.59	103.23	68.30	34.93	Peak	No Limit

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

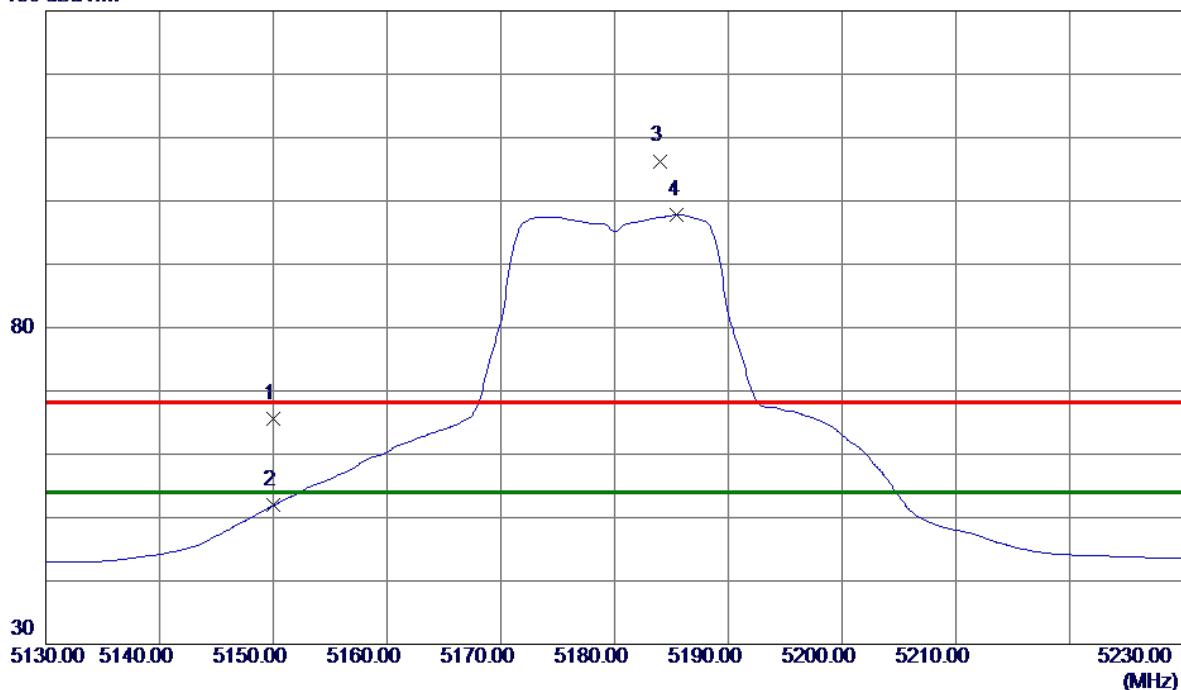
Horizontal

No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10477.7500	43.97	16.65	60.62	68.30	-7.68	Peak	
2	15714.5000	36.50	23.36	59.86	74.00	-14.14	Peak	
3 *	15719.3000	25.57	23.37	48.94	54.00	-5.06	AVG	

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

Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.42	41.10	65.52	68.30	-2.78	Peak	
2	5150.0000	10.99	41.10	52.09	54.00	-1.91	AVG	
3	5184.0000	65.03	41.27	106.30	68.30	38.00	Peak	No Limit
4 *	5185.5000	56.50	41.28	97.78	54.00	43.78	AVG	No Limit

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

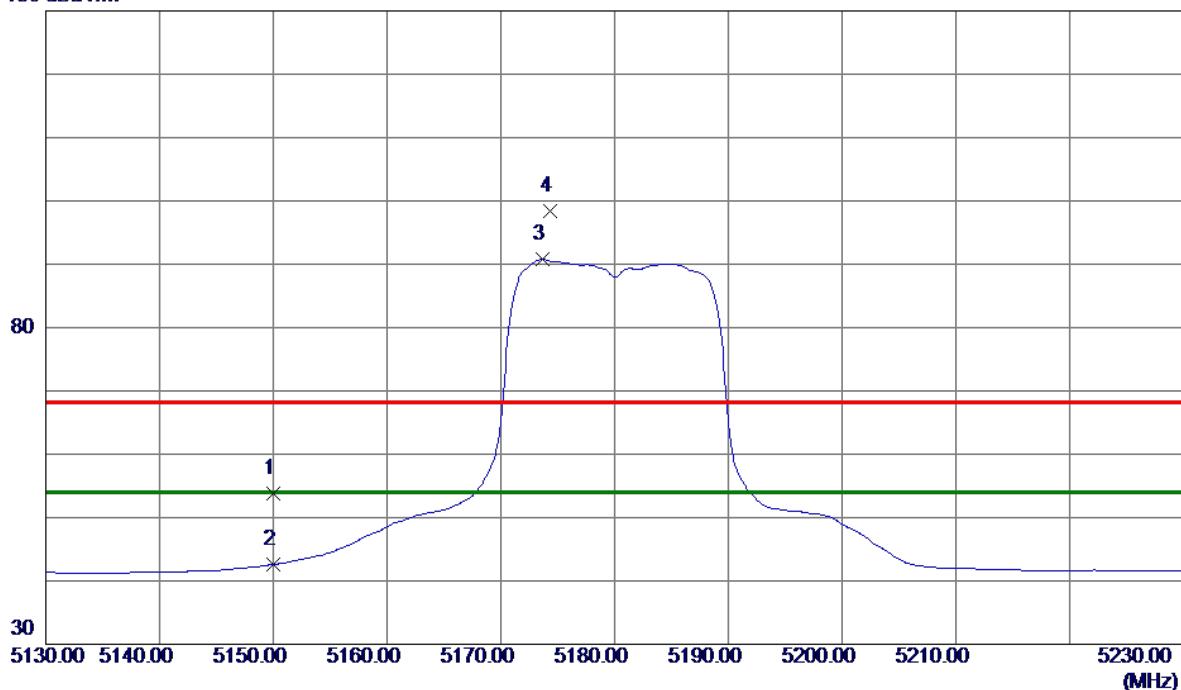
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15536.3000	38.50	23.26	61.76	74.00	-12.24	Peak	
2 *	15537.0000	29.27	23.27	52.54	54.00	-1.46	AVG	

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

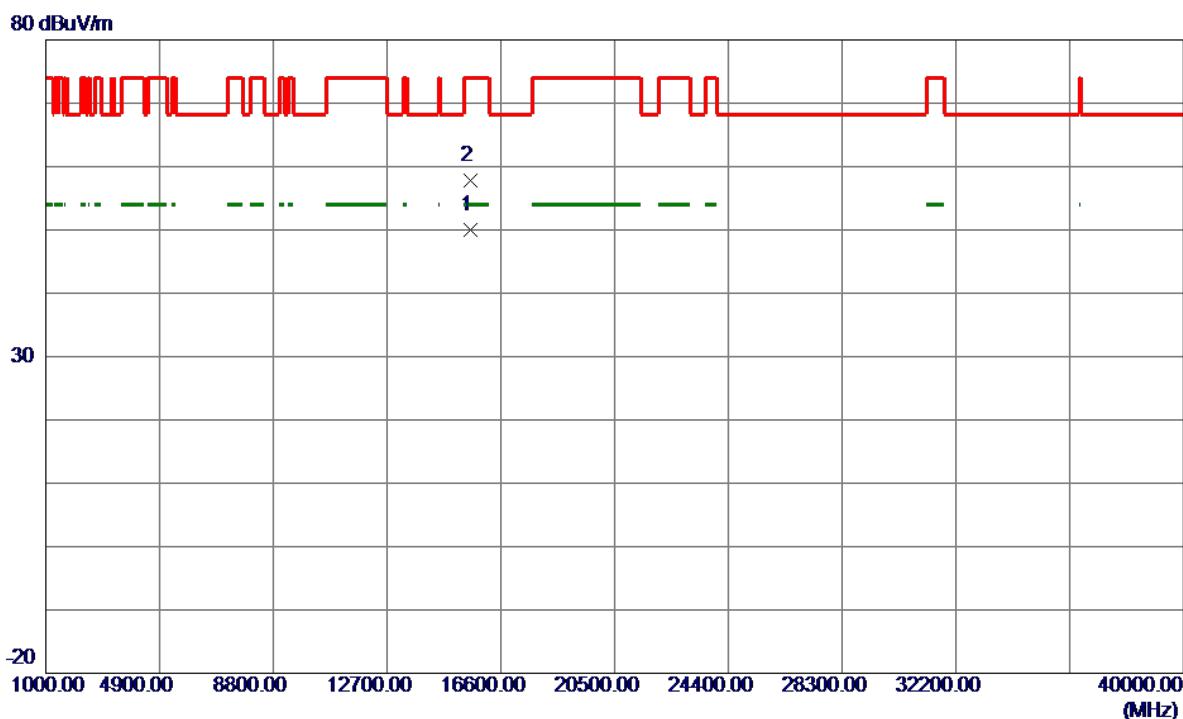
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	12.78	41.10	53.88	68.30	-14.42	Peak	
2	5150.0000	1.51	41.10	42.61	54.00	-11.39	AVG	
3 *	5173.7000	49.54	41.22	90.76	54.00	36.76	AVG	No Limit
4	5174.3000	57.08	41.23	98.31	68.30	30.01	Peak	No Limit

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

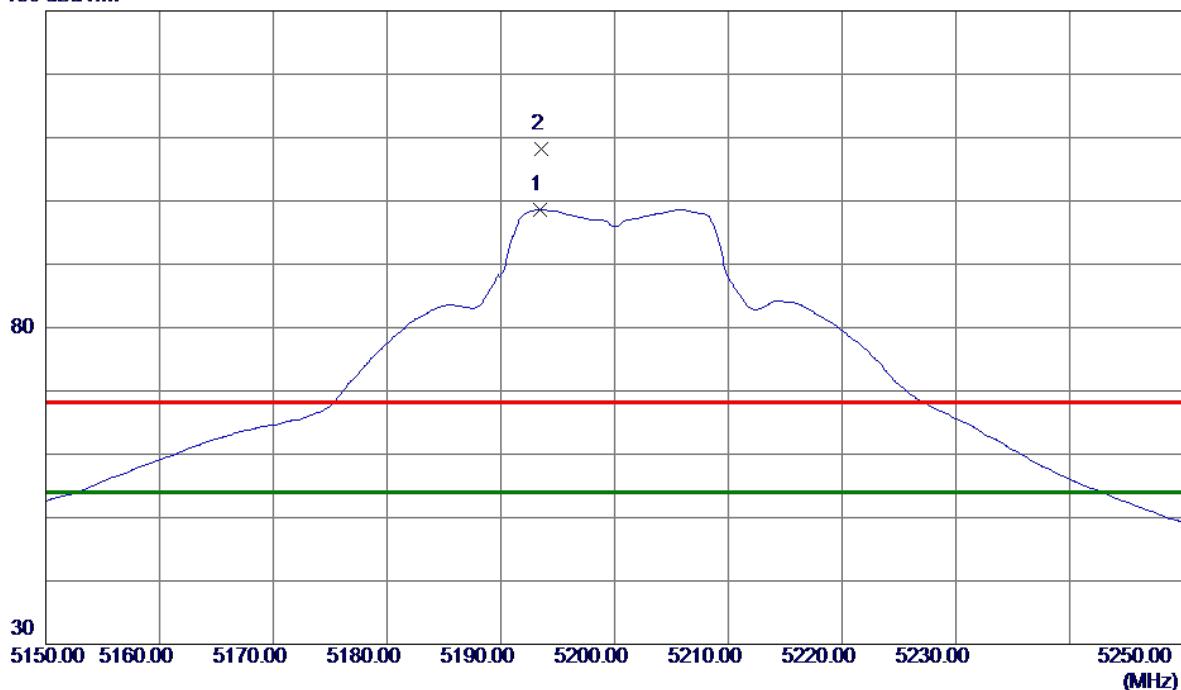
Horizontal

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15541.8000	26.70	23.27	49.97	54.00	-4.03	AVG	
2	15543.2000	34.48	23.27	57.75	74.00	-16.25	Peak	

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

Vertical

130 dBuV/m



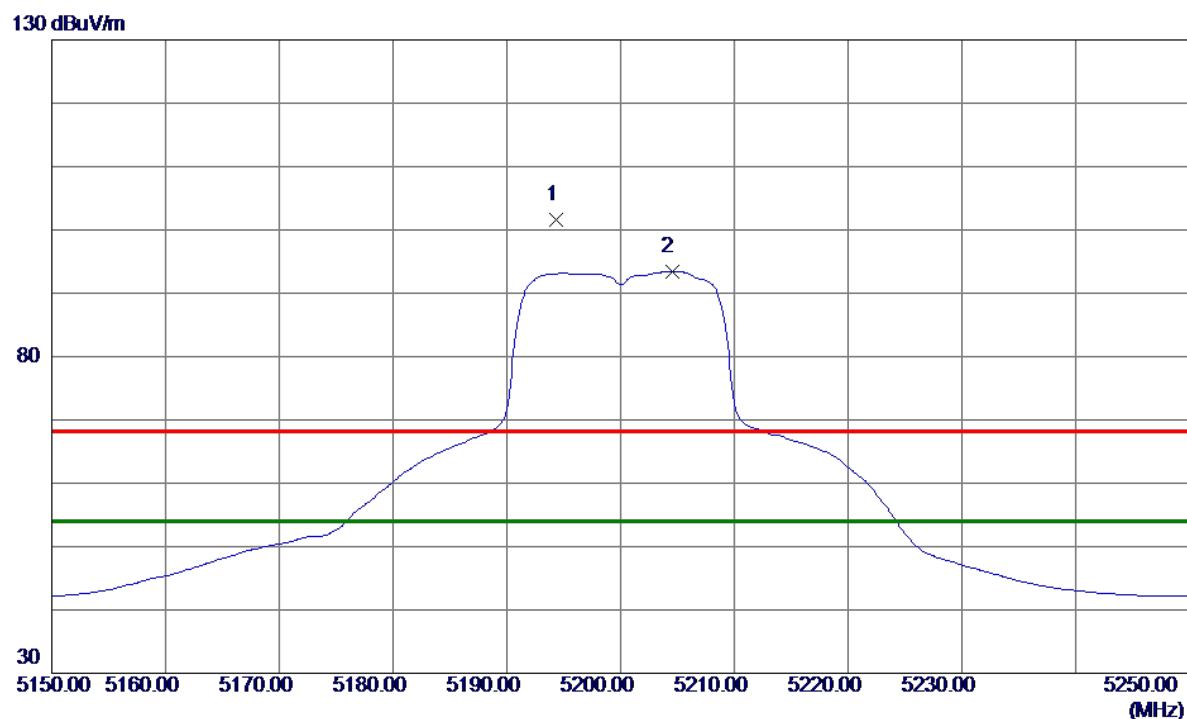
No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	5193.4000	57.26	41.32	98.58	54.00	44.58	AVG	No Limit
2	5193.6000	66.82	41.32	108.14	68.30	39.84	Peak	No Limit

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

Vertical

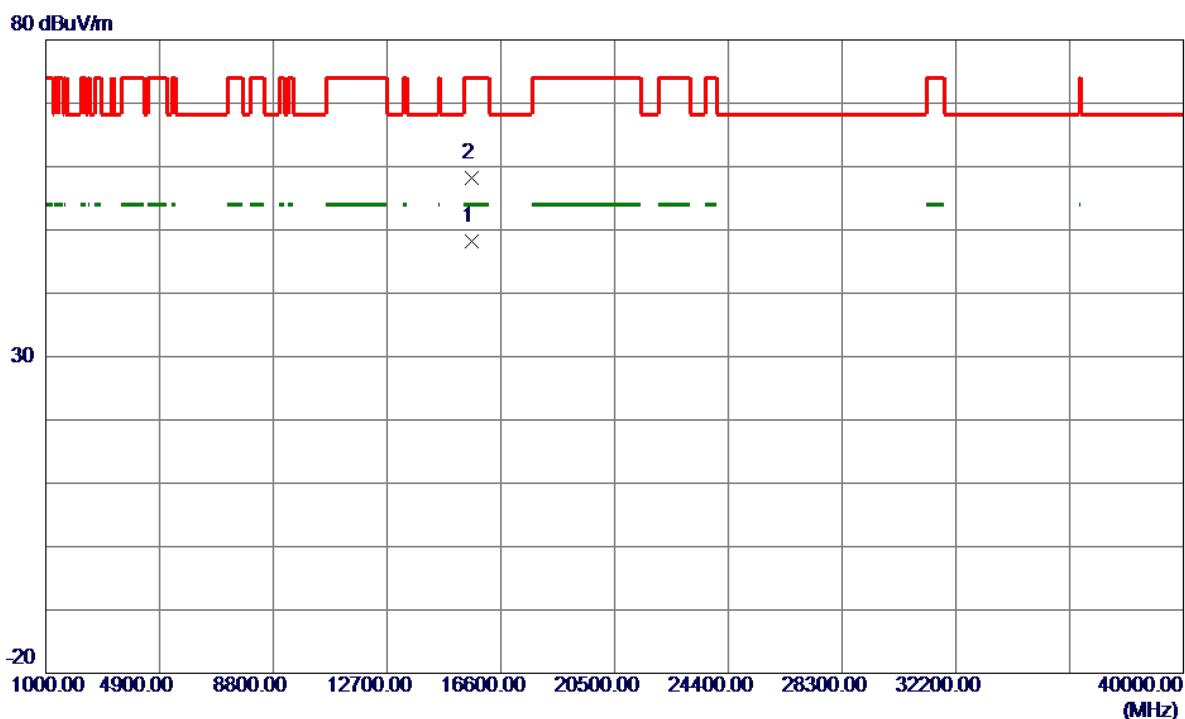
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	15597.2000	39.15	23.30	62.45	74.00	-11.55	Peak	
2 *	15602.1000	29.50	23.30	52.80	54.00	-1.20	AVG	

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

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	5194.3000	60.35	41.33	101.68	68.30	33.38	Peak	No Limit
2 *	5204.5000	52.00	41.38	93.38	54.00	39.38	AVG	No Limit

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

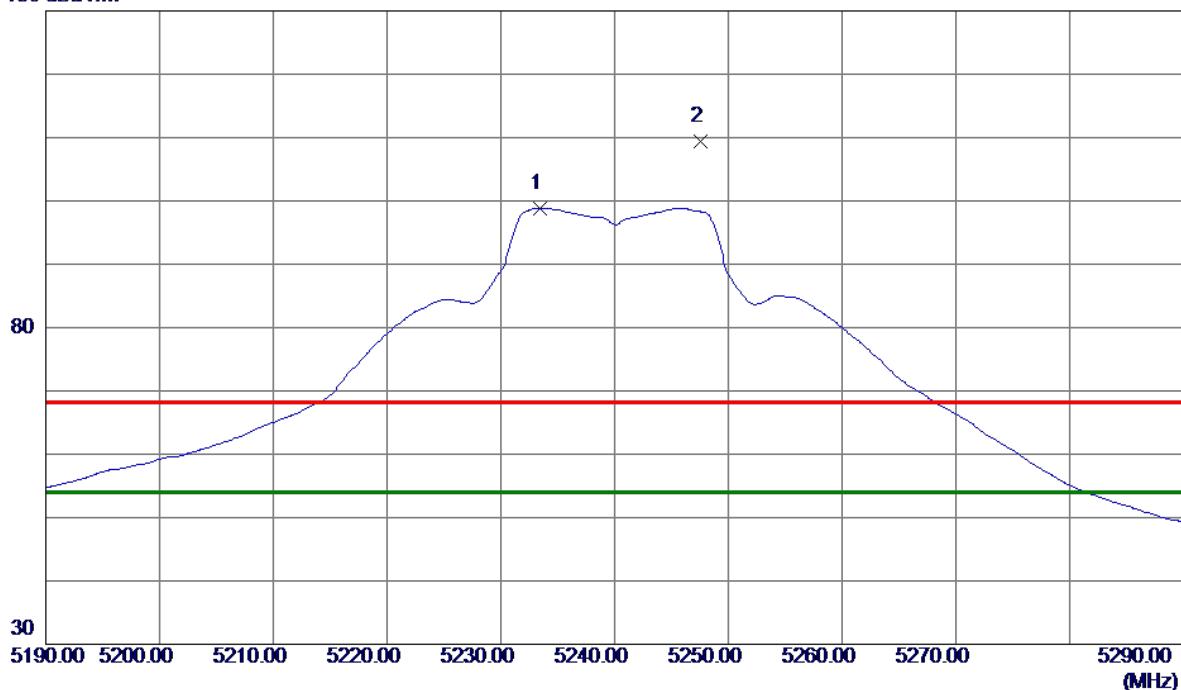
Horizontal

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15599.2000	24.90	23.30	48.20	54.00	-5.80	AVG	
2	15607.4000	34.93	23.30	58.23	74.00	-15.77	Peak	

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

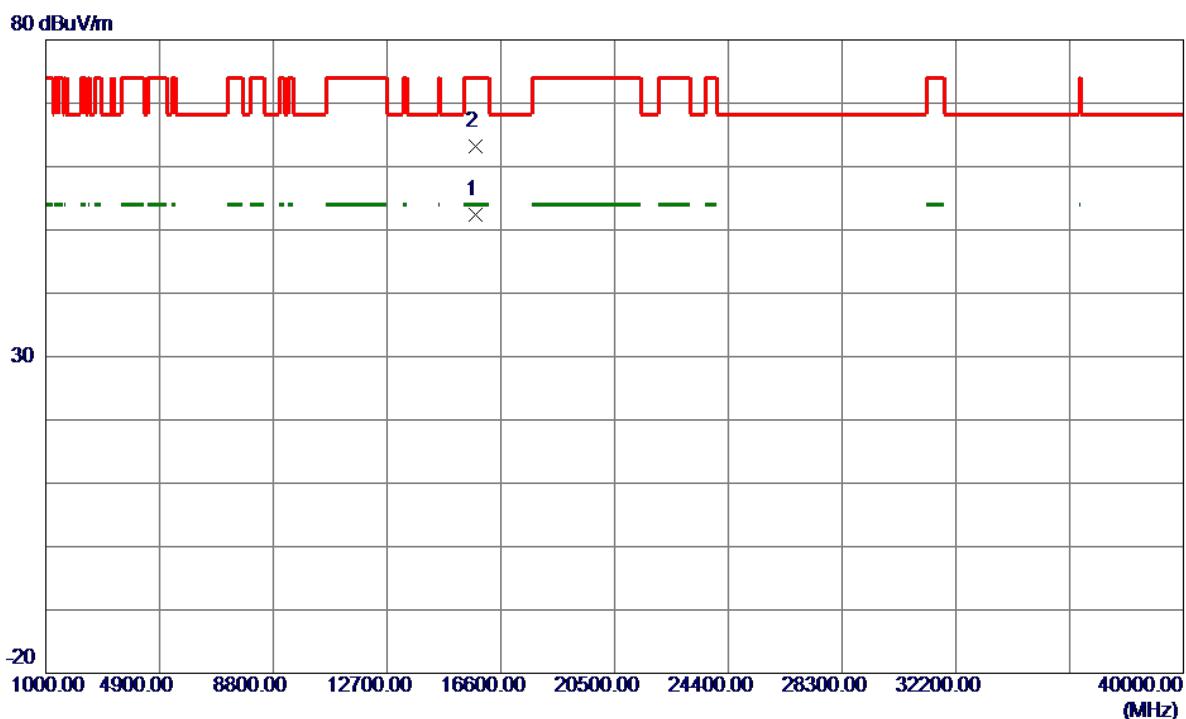
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	5233.4000	57.33	41.53	98.86	54.00	44.86	AVG	No Limit
2	5247.6000	67.71	41.60	109.31	68.30	41.01	Peak	No Limit

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

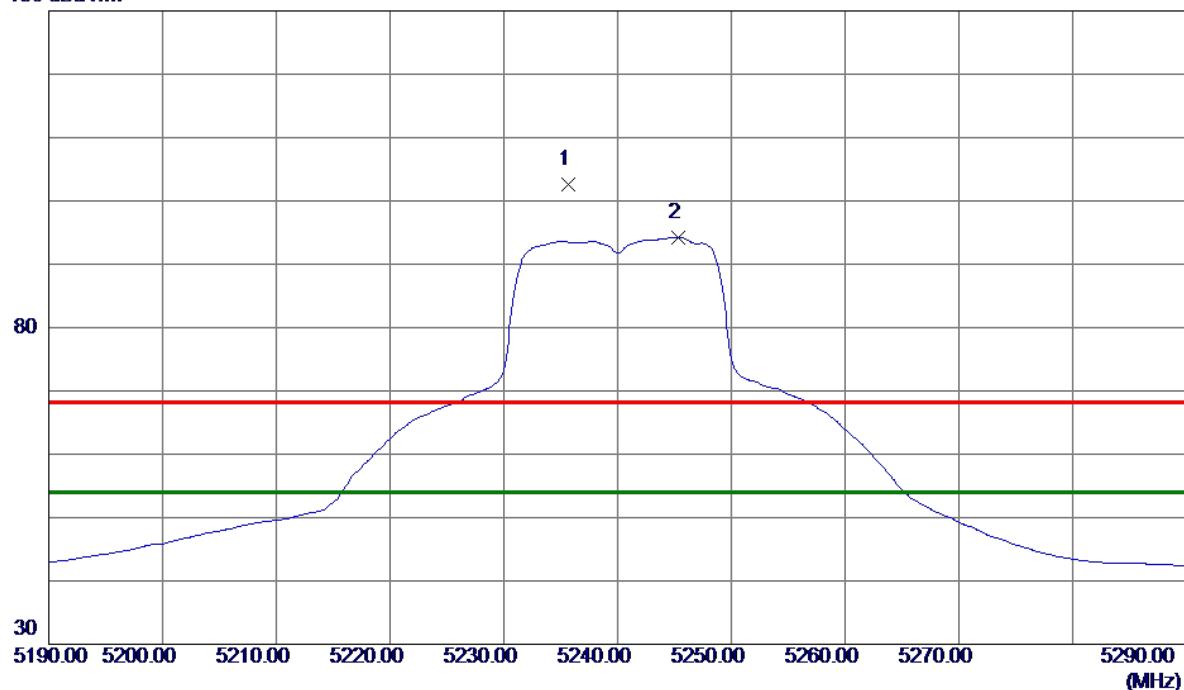
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15721.4000	28.97	23.37	52.34	54.00	-1.66	AVG	
2	15727.1000	39.81	23.37	63.18	74.00	-10.82	Peak	

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

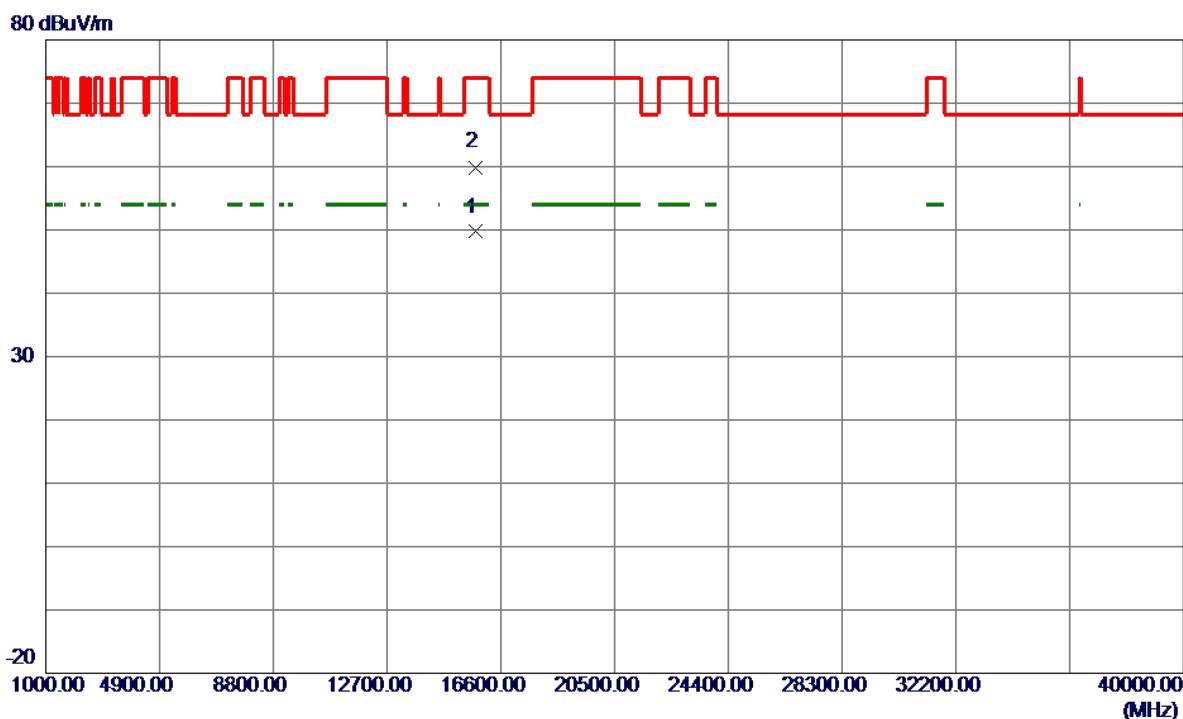
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5235.7000	61.03	41.54	102.57	68.30	34.27	Peak	No Limit
2 *	5245.3000	52.66	41.59	94.25	54.00	40.25	AVG	No Limit

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

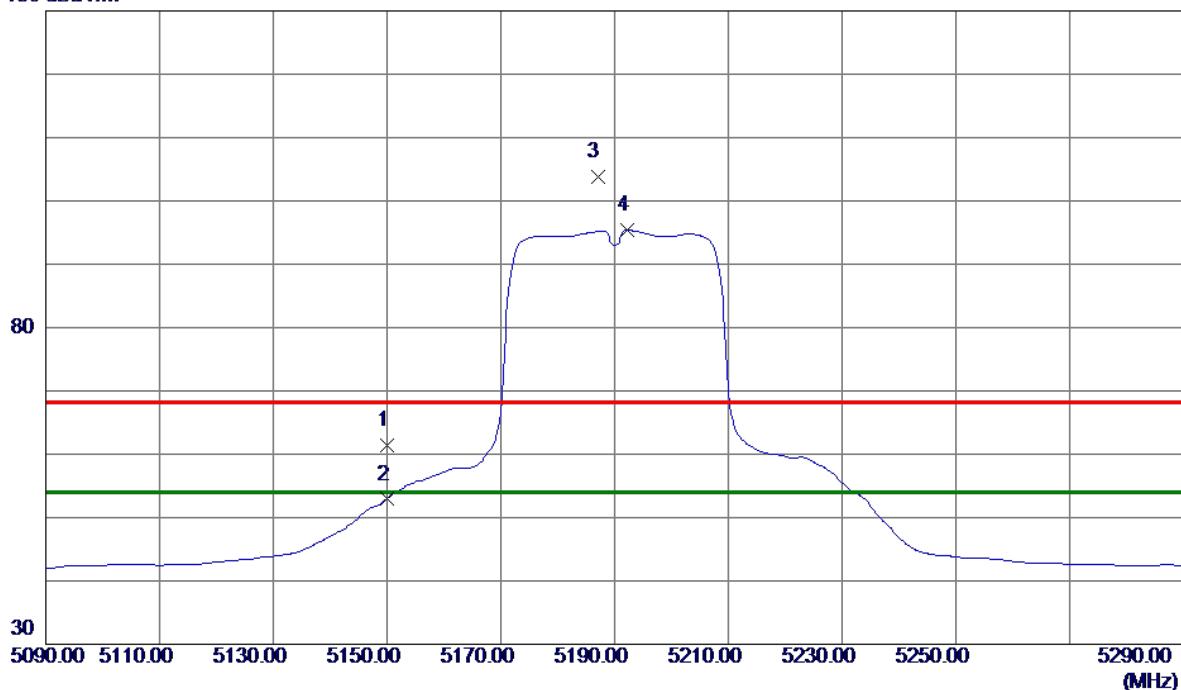
Horizontal

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15719.1000	26.33	23.37	49.70	54.00	-4.30	AVG	
2	15724.1000	36.53	23.37	59.90	74.00	-14.10	Peak	

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

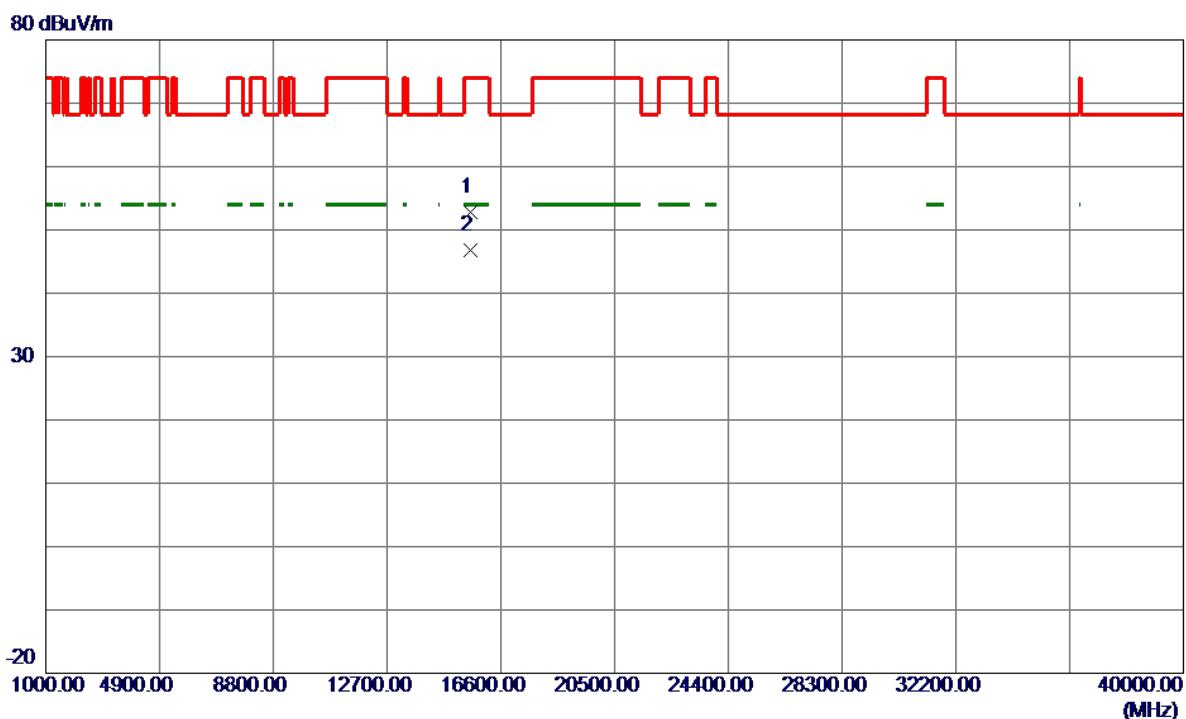
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5150.0000	20.31	41.10	61.41	68.30	-6.89	Peak	
2	5150.0000	11.80	41.10	52.90	54.00	-1.10	AVG	
3	5187.0000	62.50	41.29	103.79	68.30	35.49	Peak	No Limit
4 *	5192.2000	54.11	41.32	95.43	54.00	41.43	AVG	No Limit

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

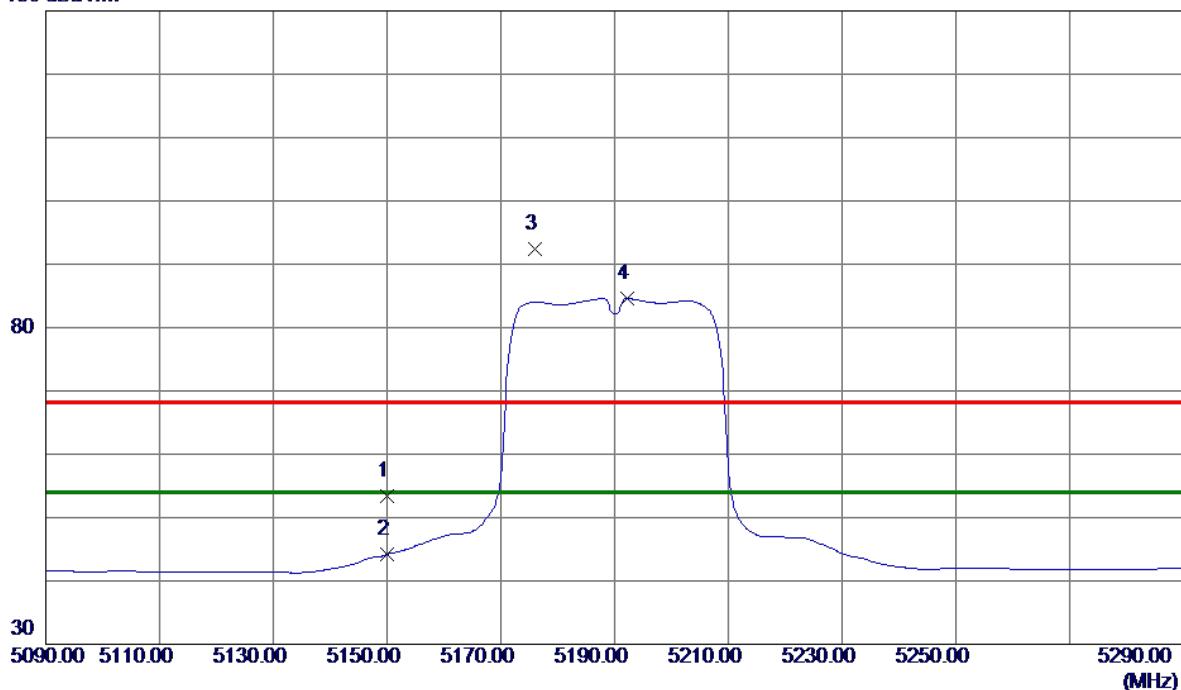
Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15570.8000	29.56	23.28	52.84	74.00	-21.16	Peak	
2 *	15571.0000	23.46	23.28	46.74	54.00	-7.26	AVG	

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

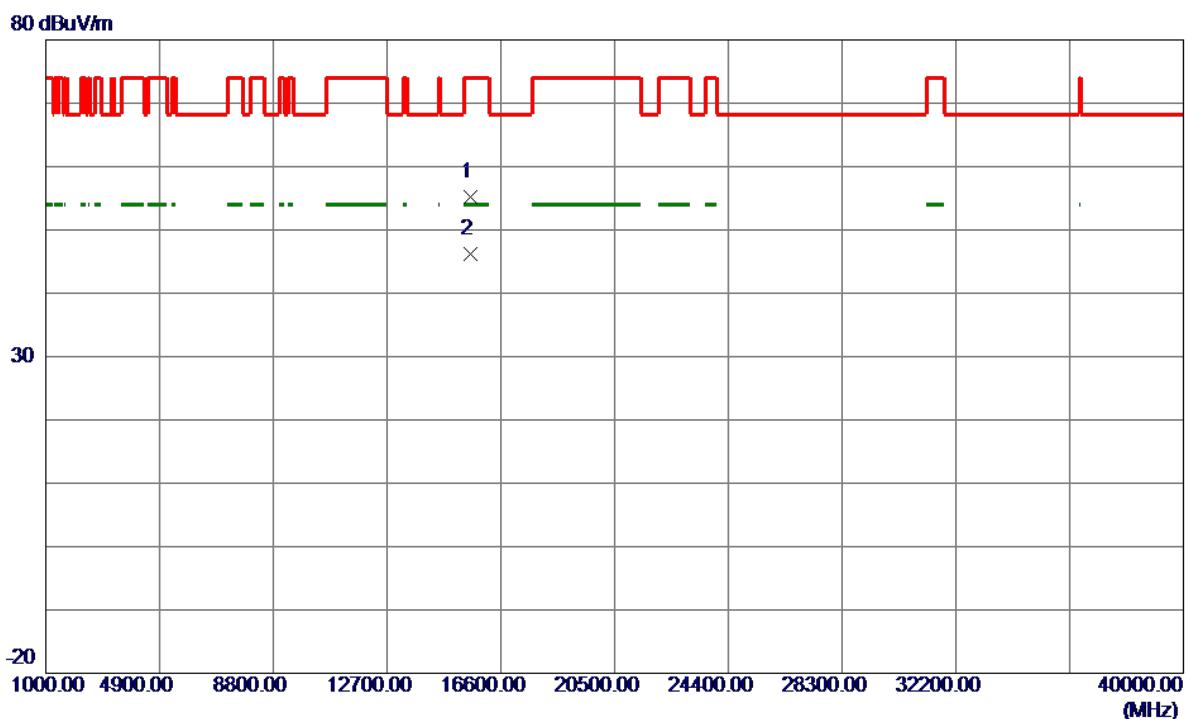
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5150.0000	12.28	41.10	53.38	68.30	-14.92	Peak	
2	5150.0000	3.09	41.10	44.19	54.00	-9.81	Avg	
3	5176.0000	51.18	41.23	92.41	68.30	24.11	Peak	No Limit
4 *	5192.2000	43.27	41.32	84.59	54.00	30.59	Avg	No Limit

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

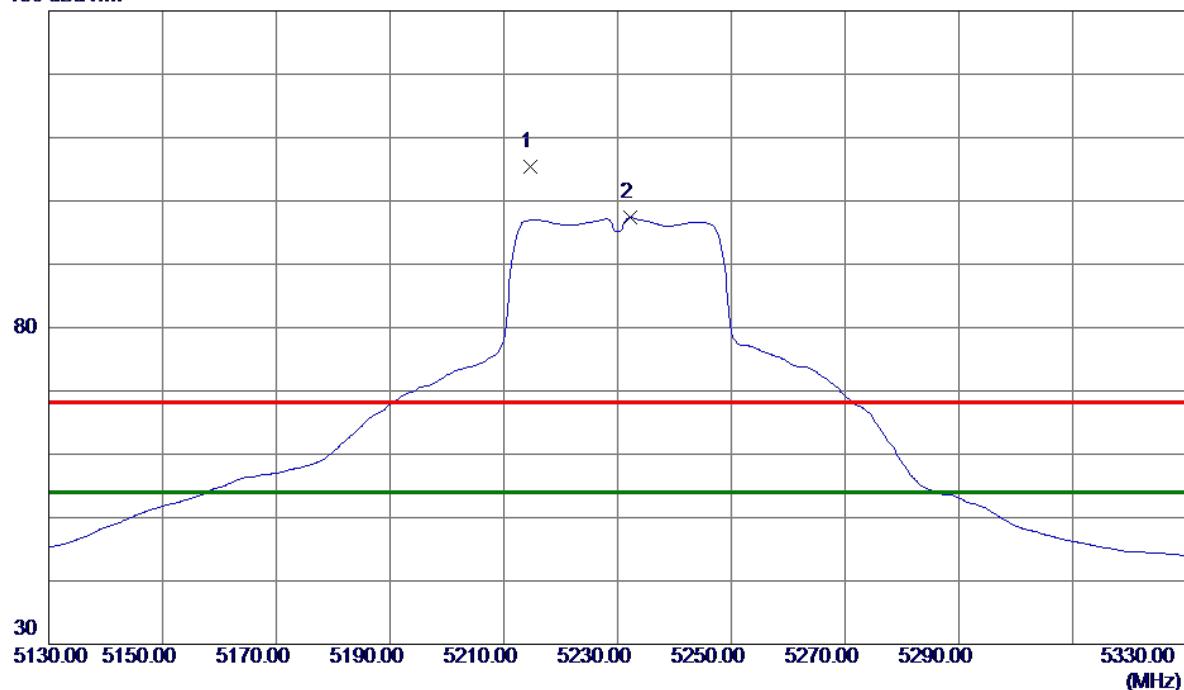
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15570.6000	31.88	23.28	55.16	74.00	-18.84	Peak	
2 *	15571.0000	22.89	23.28	46.17	54.00	-7.83	AVG	

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

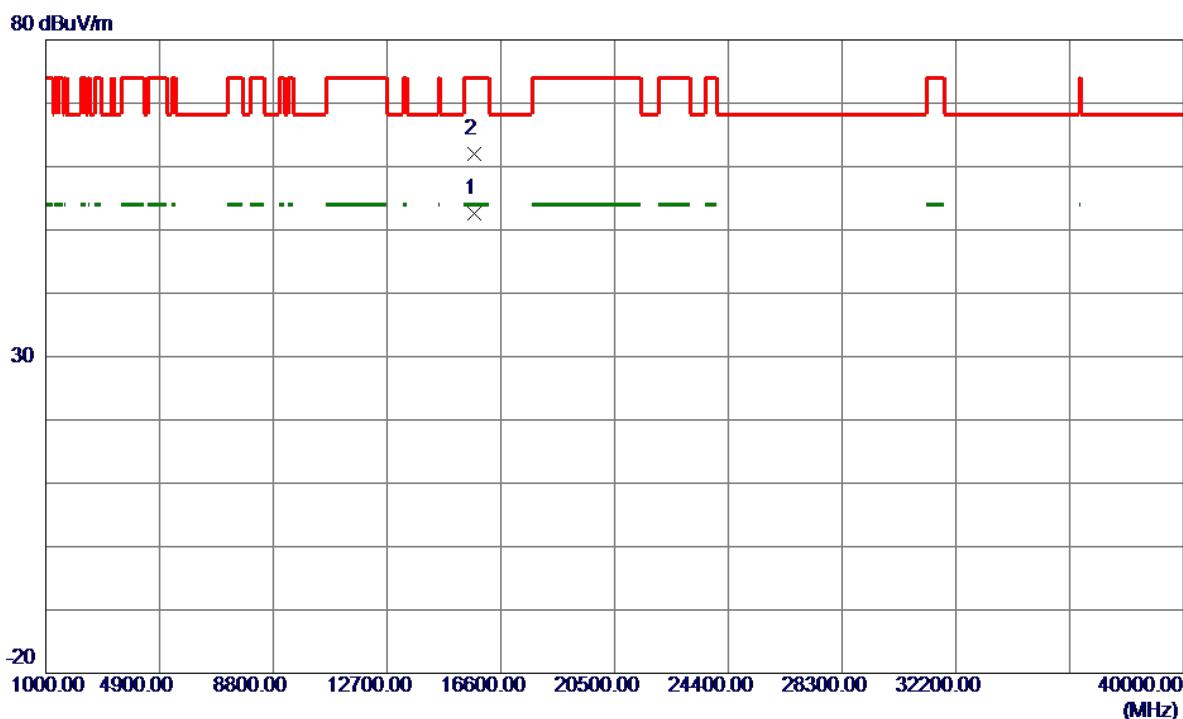
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5214.6000	63.89	41.43	105.32	68.30	37.02	Peak	No Limit
2 *	5232.2000	55.84	41.52	97.36	54.00	43.36	AVG	No Limit

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

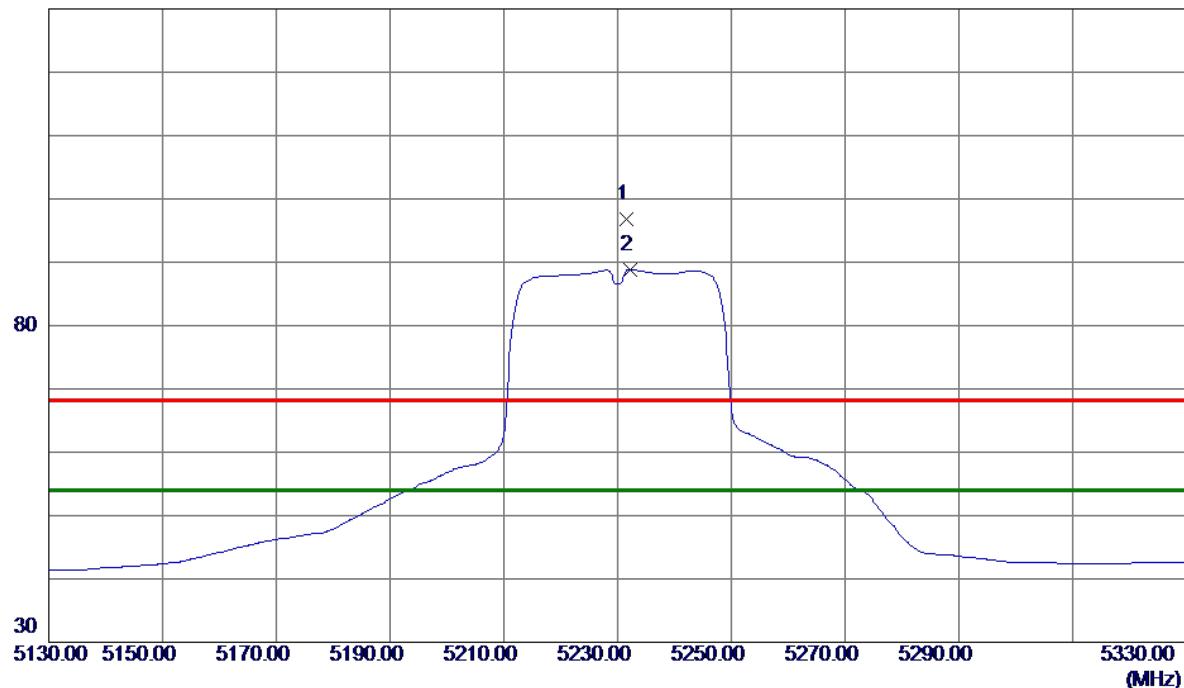
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15689.0000	29.19	23.35	52.54	54.00	-1.46	AVG	
2	15692.6500	38.73	23.35	62.08	74.00	-11.92	Peak	

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

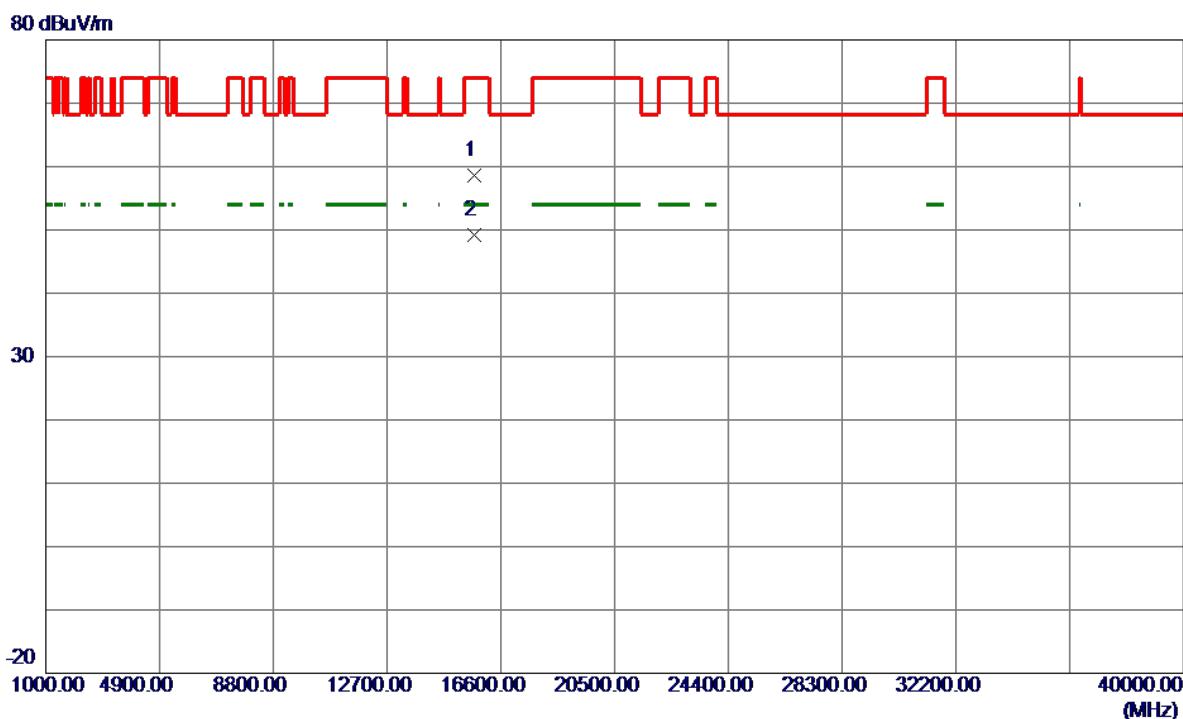
Horizontal

130 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	5231.6000	55.31	41.52	96.83	68.30	28.53	Peak	No Limit
2 *	5232.2000	47.36	41.52	88.88	54.00	34.88	AVG	No Limit

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

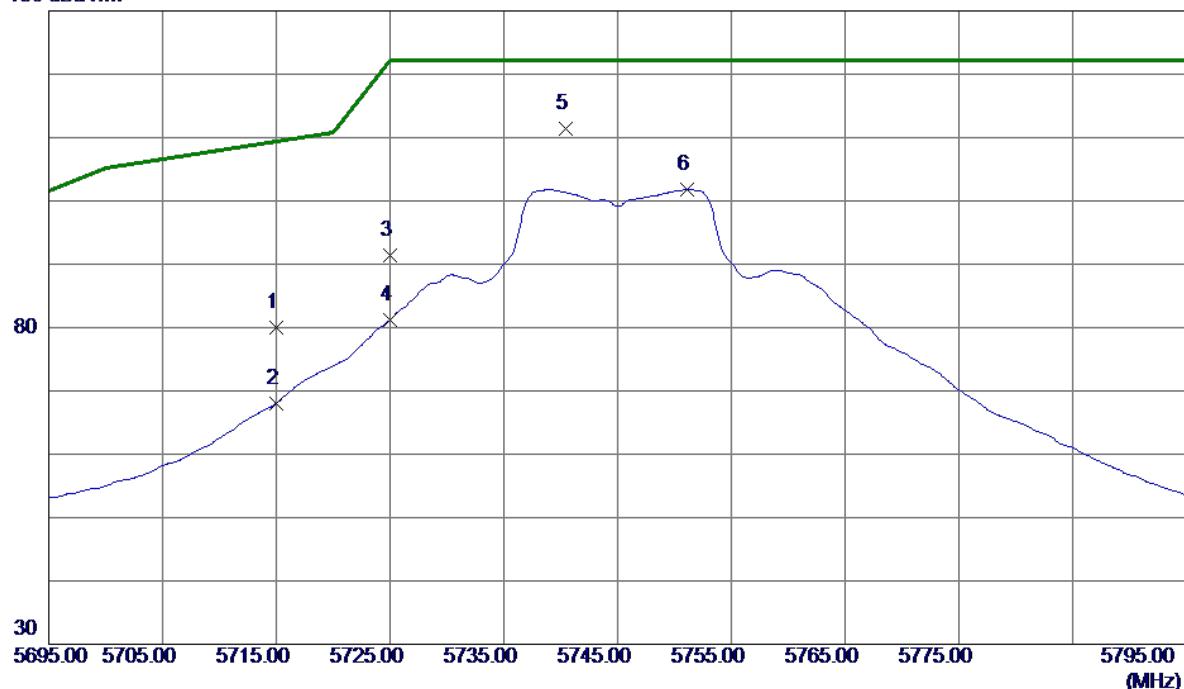
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15689.1500	35.18	23.35	58.53	74.00	-15.47	Peak	
2 *	15695.7500	25.93	23.35	49.28	54.00	-4.72	AVG	

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

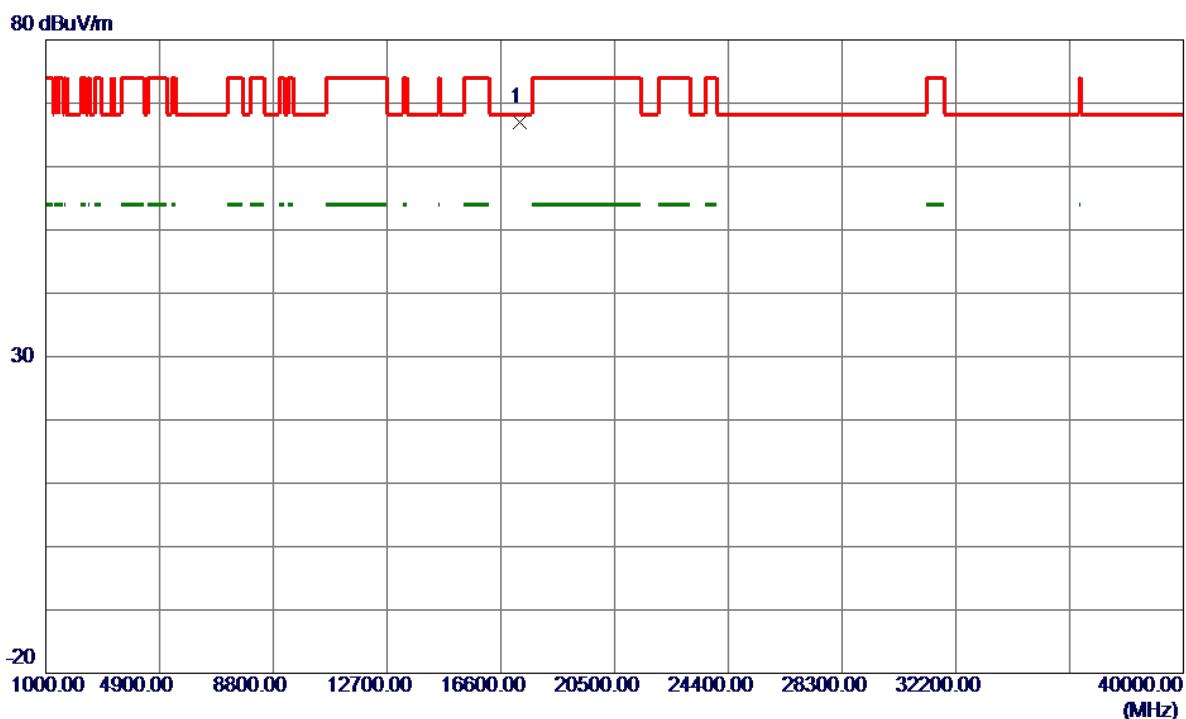
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	36.39	43.53	79.92	109.40	-29.48	Peak	
2	5715.0000	24.54	43.53	68.07	109.40	-41.33	Avg	
3	5725.0000	47.93	43.56	91.49	122.20	-30.71	Peak	
4	5725.0000	37.72	43.56	81.28	122.20	-40.92	Avg	
5 *	5740.4000	67.81	43.61	111.42	122.20	-10.78	Peak	
6	5751.1000	58.10	43.64	101.74	122.20	-20.46	Avg	

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

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17233.000	43.75	23.15	66.90	68.30	-1.40	Peak

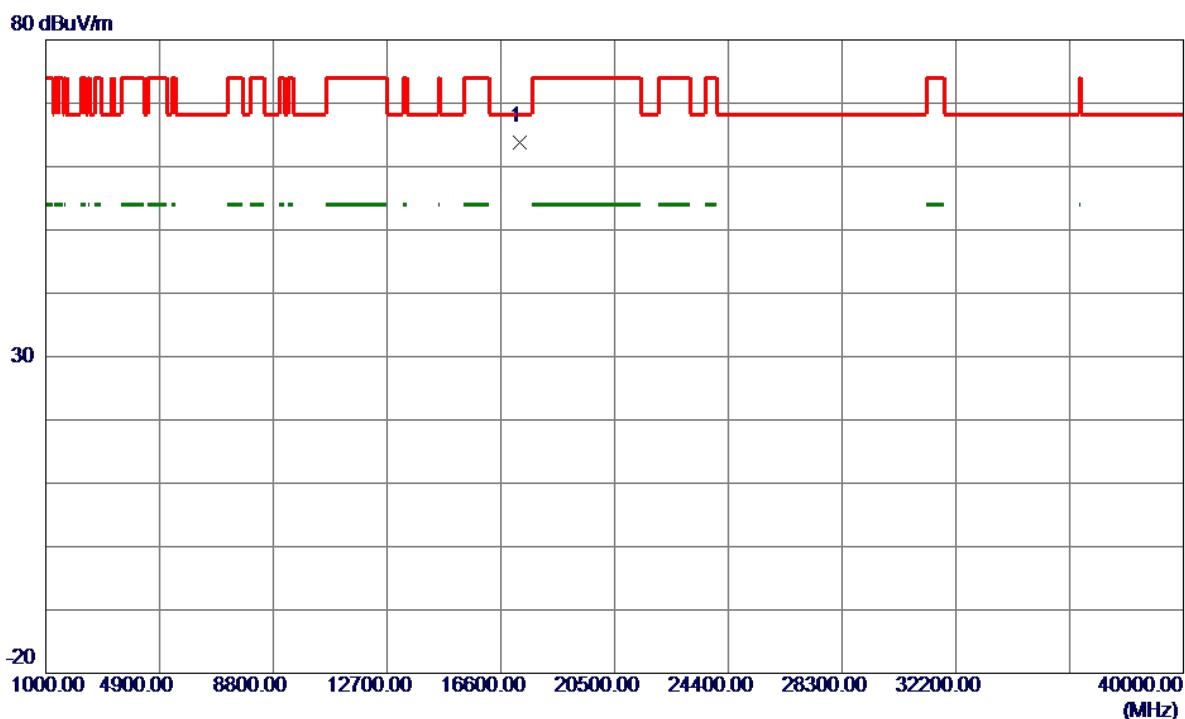
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	25.87	43.53	69.40	109.40	-40.00	Peak	
2	5715.0000	13.91	43.53	57.44	109.40	-51.96	Avg	
3	5725.0000	36.92	43.56	80.48	122.20	-41.72	Peak	
4	5725.0000	26.76	43.56	70.32	122.20	-51.88	Avg	
5 *	5750.2000	63.40	43.64	107.04	122.20	-15.16	Peak	
6	5750.2000	55.37	43.64	99.01	122.20	-23.19	Avg	

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

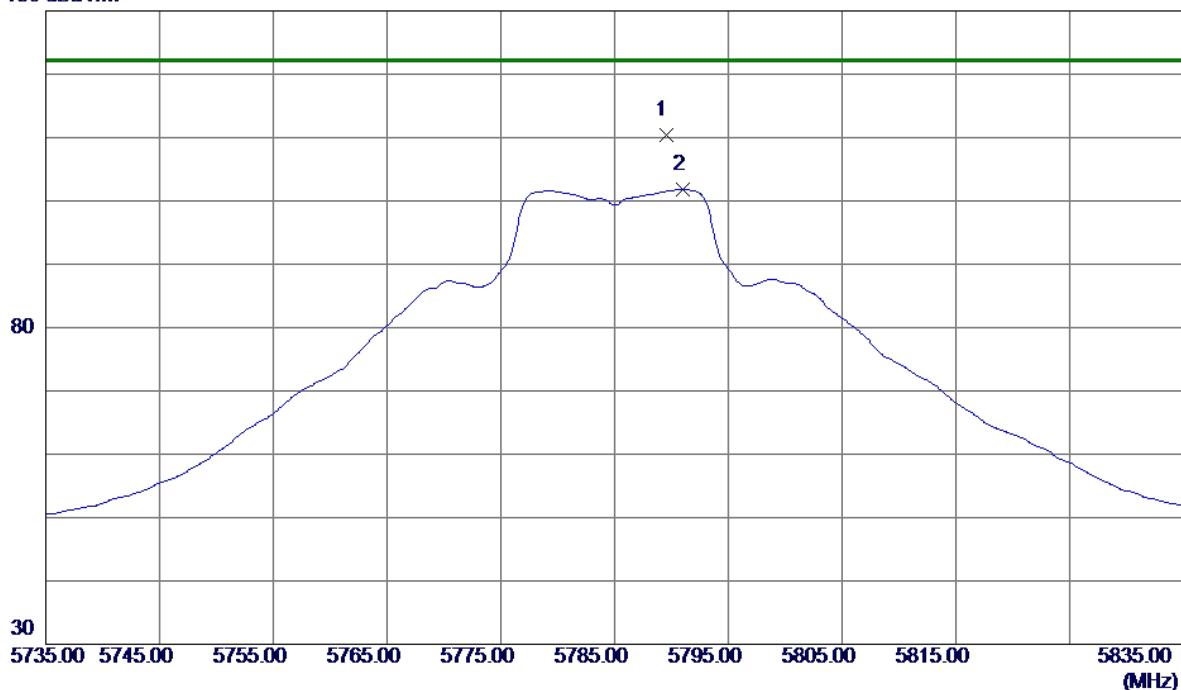
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17236.8000	40.75	23.15	63.90	68.30	-4.40	Peak

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

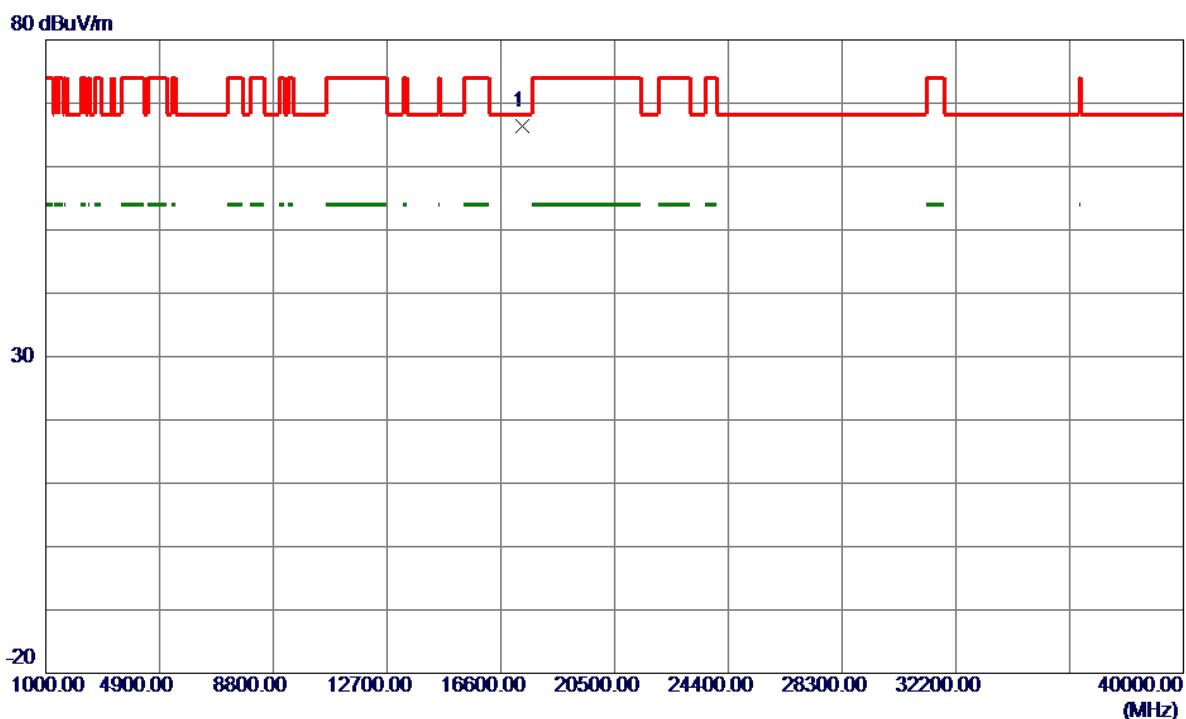
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5789.5000	66.66	43.75	110.41	122.20	-11.79	Peak	
2	5791.0000	58.01	43.76	101.77	122.20	-20.43	AVG	

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

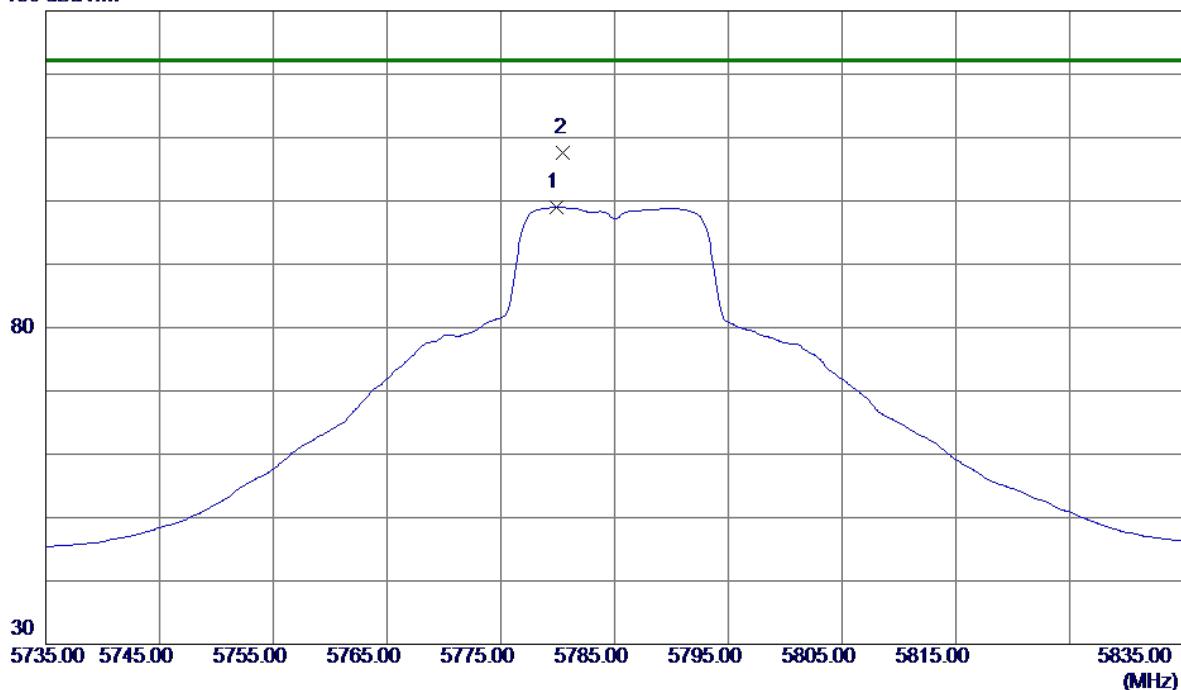
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17356.9000	43.13	23.30	66.43	68.30	-1.87	Peak

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

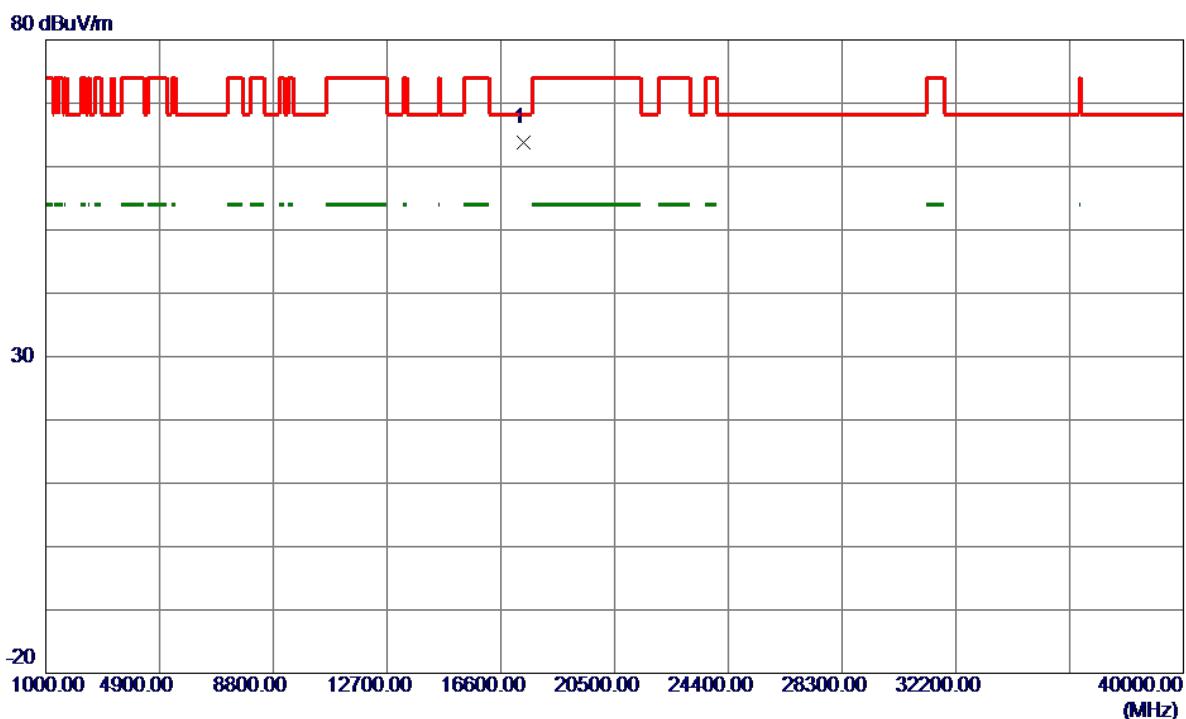
Horizontal

130 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	5779.9000	55.28	43.73	99.01	122.20	-23.19	Avg	
2 *	5780.5000	63.78	43.73	107.51	122.20	-14.69	Peak	

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

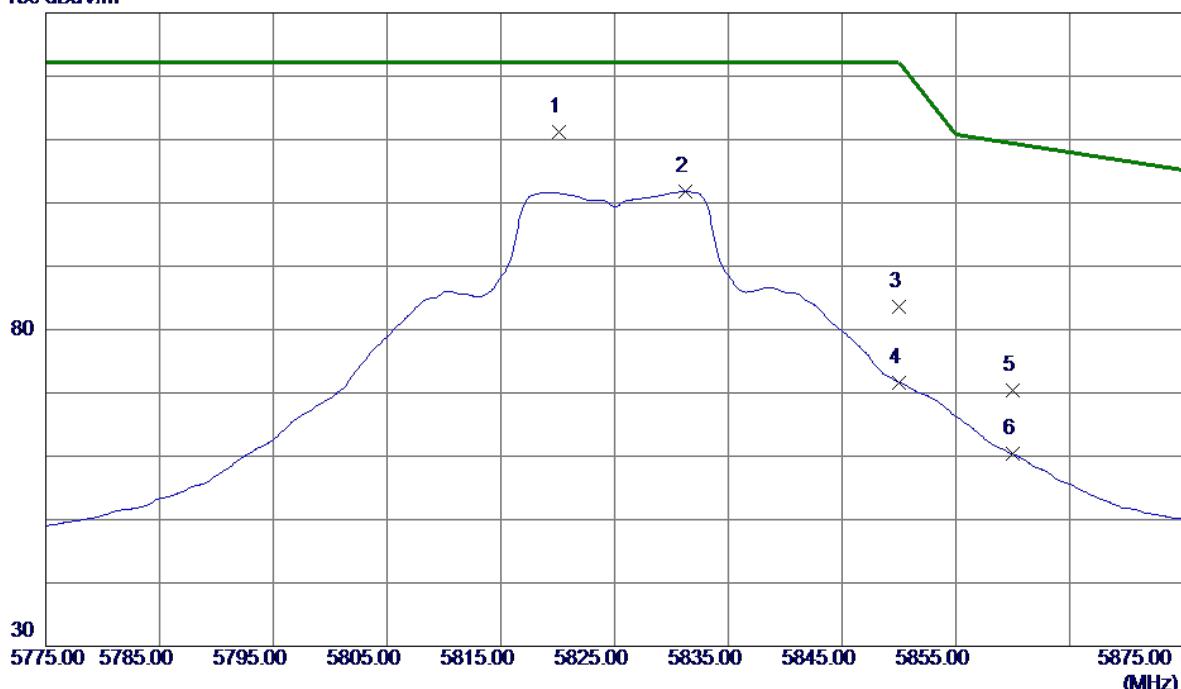
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17362.4000	40.57	23.31	63.88	68.30	-4.42	Peak	

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

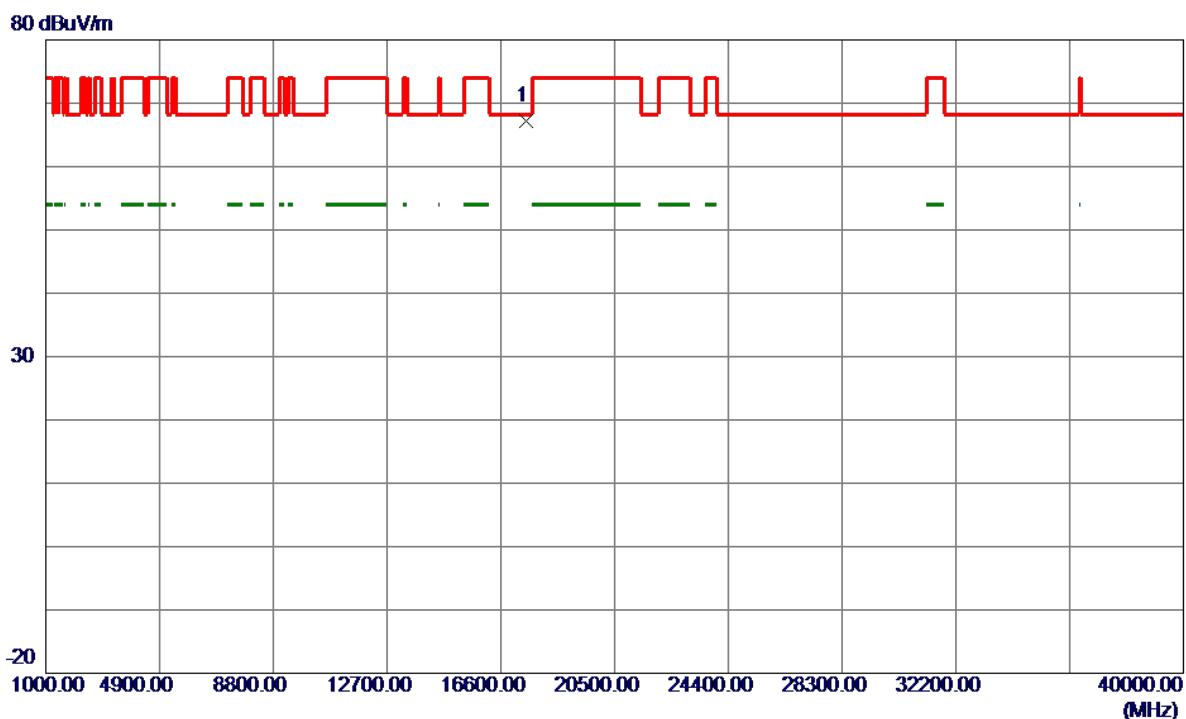
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5820.1000	67.31	43.85	111.16	122.20	-11.04	Peak	
2	5831.2000	57.87	43.88	101.75	122.20	-20.45	AVG	
3	5850.0000	39.58	43.94	83.52	122.20	-38.68	Peak	
4	5850.0000	27.74	43.94	71.68	122.20	-50.52	AVG	
5	5860.0000	26.44	43.97	70.41	109.40	-38.99	Peak	
6	5860.0000	16.36	43.97	60.33	109.40	-49.07	AVG	

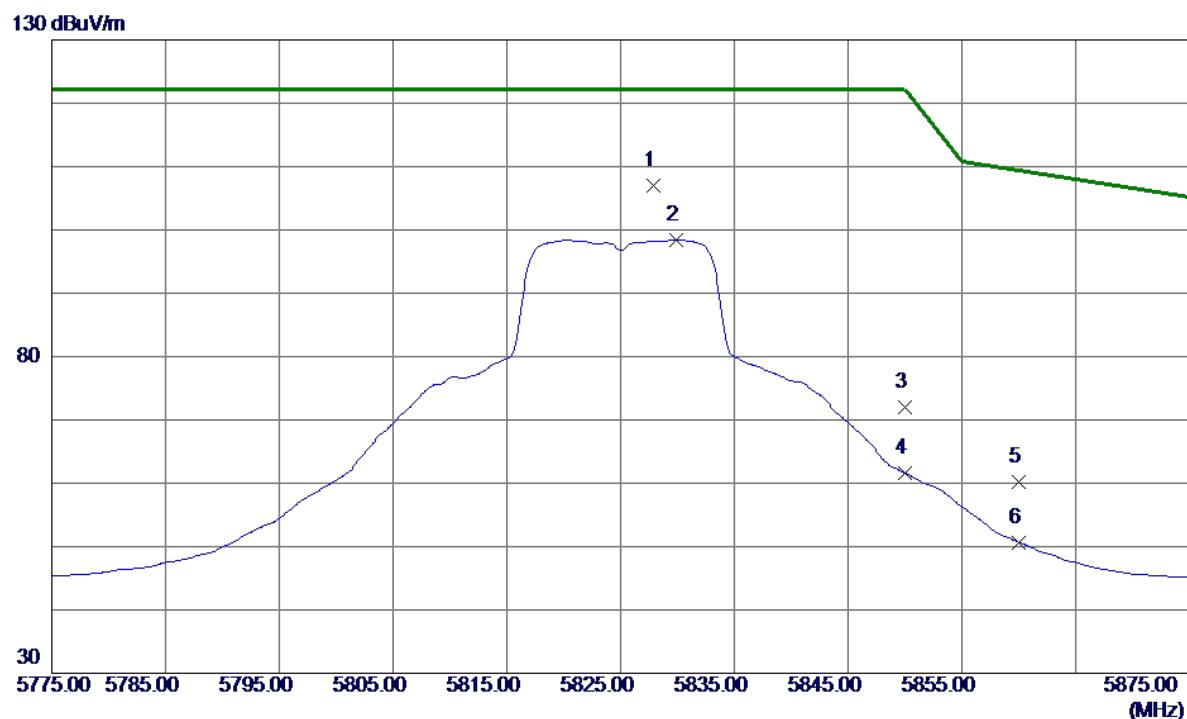
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17476.5500	43.79	23.45	67.24	68.30	-1.06	Peak

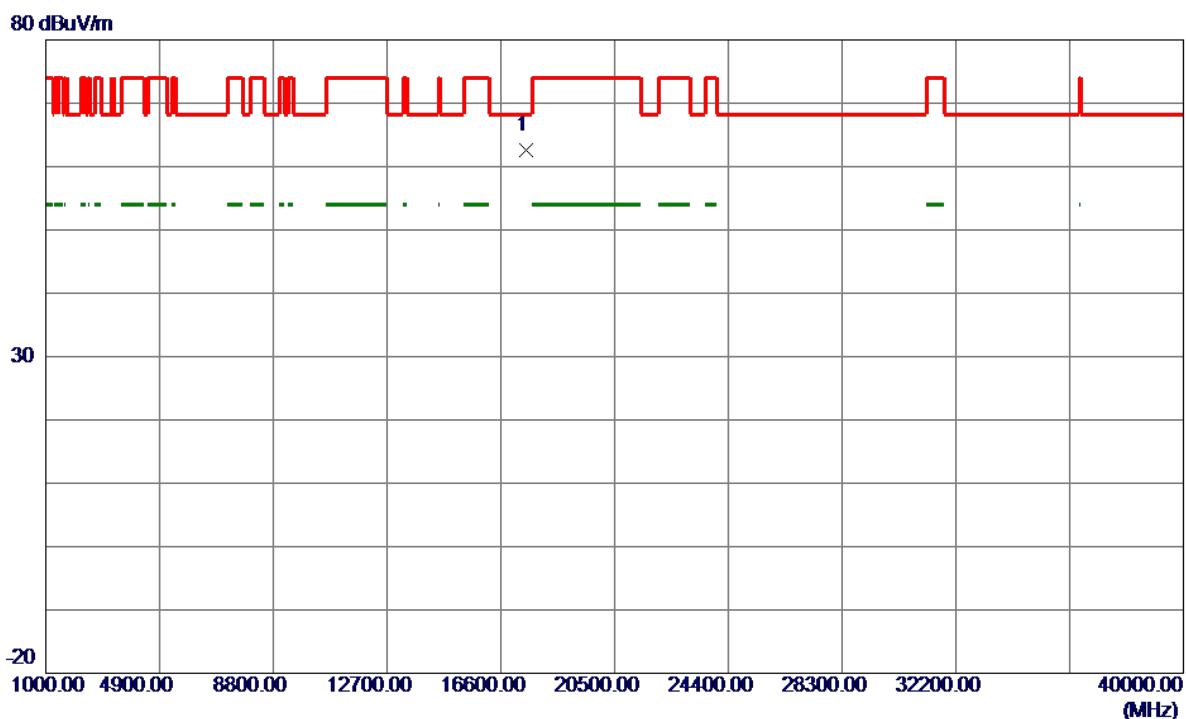
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5825MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5827.9000	63.03	43.87	106.90	122.20	-15.30	Peak	
2	5829.9000	54.51	43.88	98.39	122.20	-23.81	Avg	
3	5850.0000	28.07	43.94	72.01	122.20	-50.19	Peak	
4	5850.0000	17.64	43.94	61.58	122.20	-60.62	Avg	
5	5860.0000	16.28	43.97	60.25	109.40	-49.15	Peak	
6	5860.0000	6.72	43.97	50.69	109.40	-58.71	Avg	

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

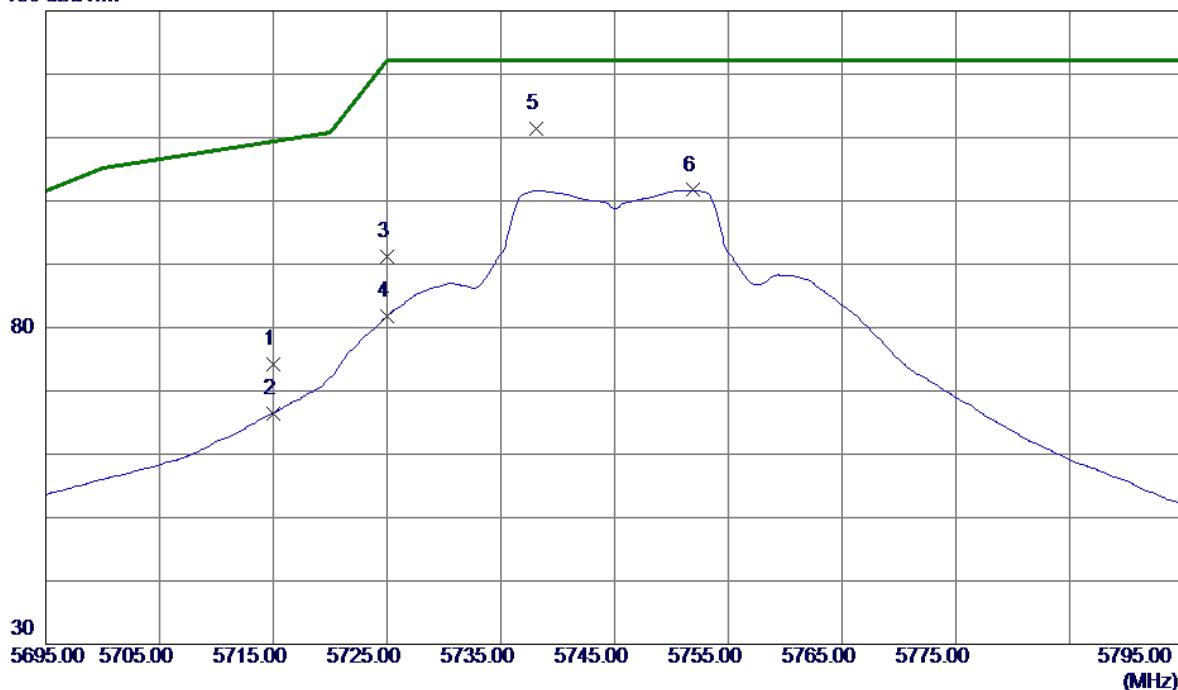
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17482.3000	39.12	23.45	62.57	68.30	-5.73	Peak

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

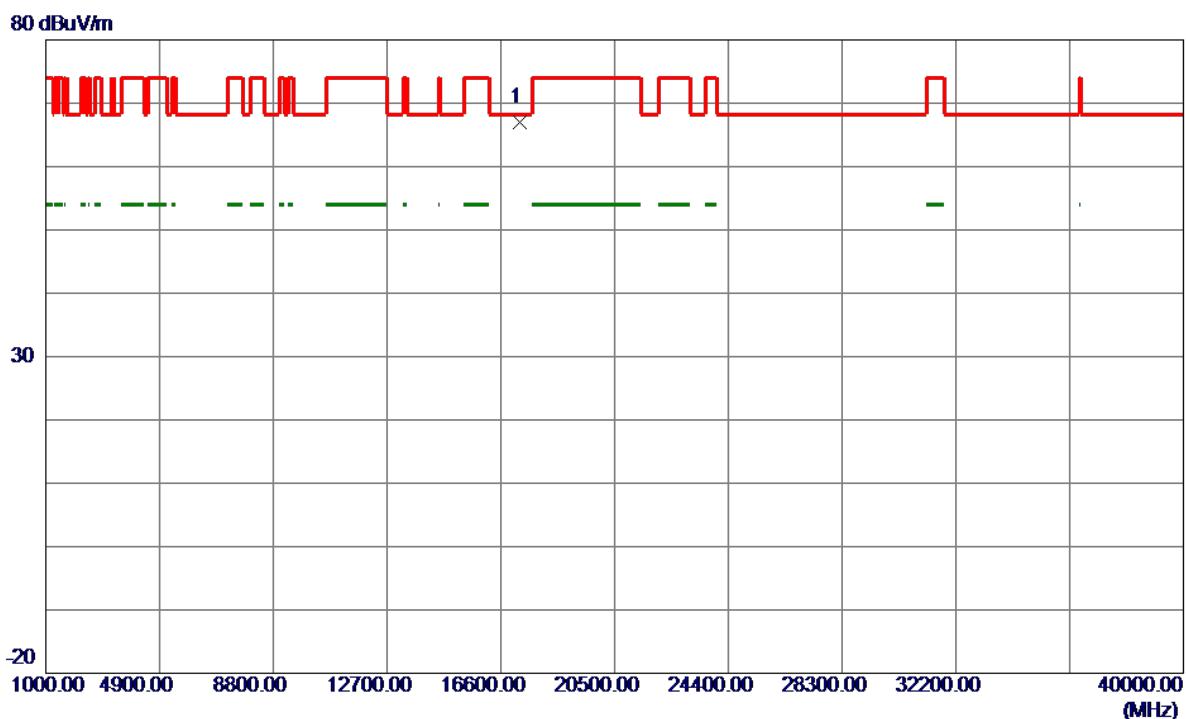
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	30.59	43.53	74.12	109.40	-35.28	Peak	
2	5715.0000	22.95	43.53	66.48	109.40	-42.92	AVG	
3	5725.0000	47.64	43.56	91.20	122.20	-31.00	Peak	
4	5725.0000	38.25	43.56	81.81	122.20	-40.39	AVG	
5 *	5738.1000	67.81	43.60	111.41	122.20	-10.79	Peak	
6	5751.9000	58.06	43.64	101.70	122.20	-20.50	AVG	

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

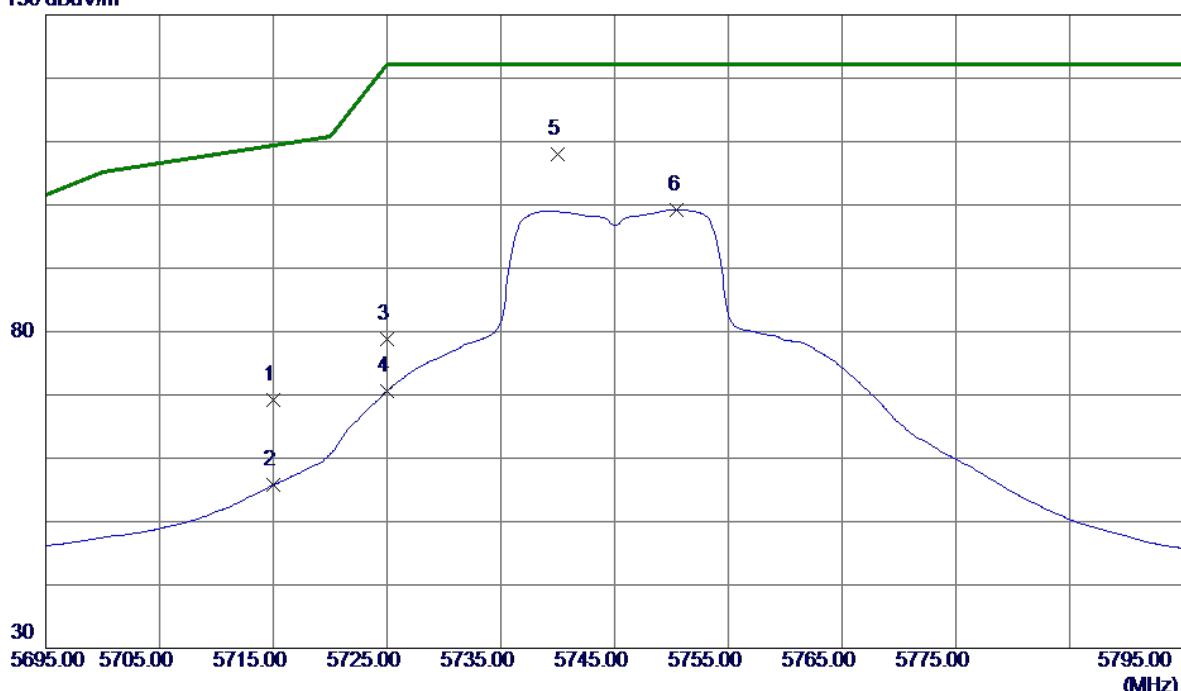
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17235.0000	43.83	23.15	66.98	68.30	-1.32	Peak

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

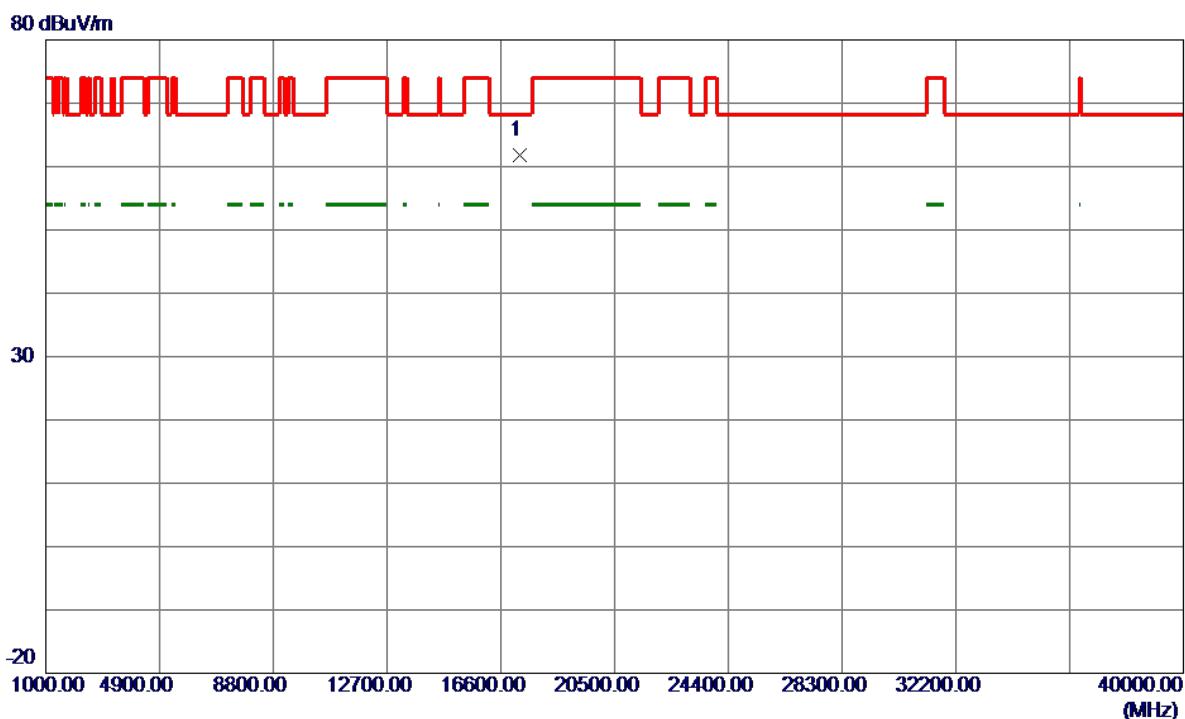
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	25.61	43.53	69.14	109.40	-40.26	Peak	
2	5715.0000	12.27	43.53	55.80	109.40	-53.60	AVG	
3	5725.0000	35.31	43.56	78.87	122.20	-43.33	Peak	
4	5725.0000	27.12	43.56	70.68	122.20	-51.52	AVG	
5 *	5740.0000	64.30	43.60	107.90	122.20	-14.30	Peak	
6	5750.5000	55.62	43.64	99.26	122.20	-22.94	AVG	

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

Horizontal

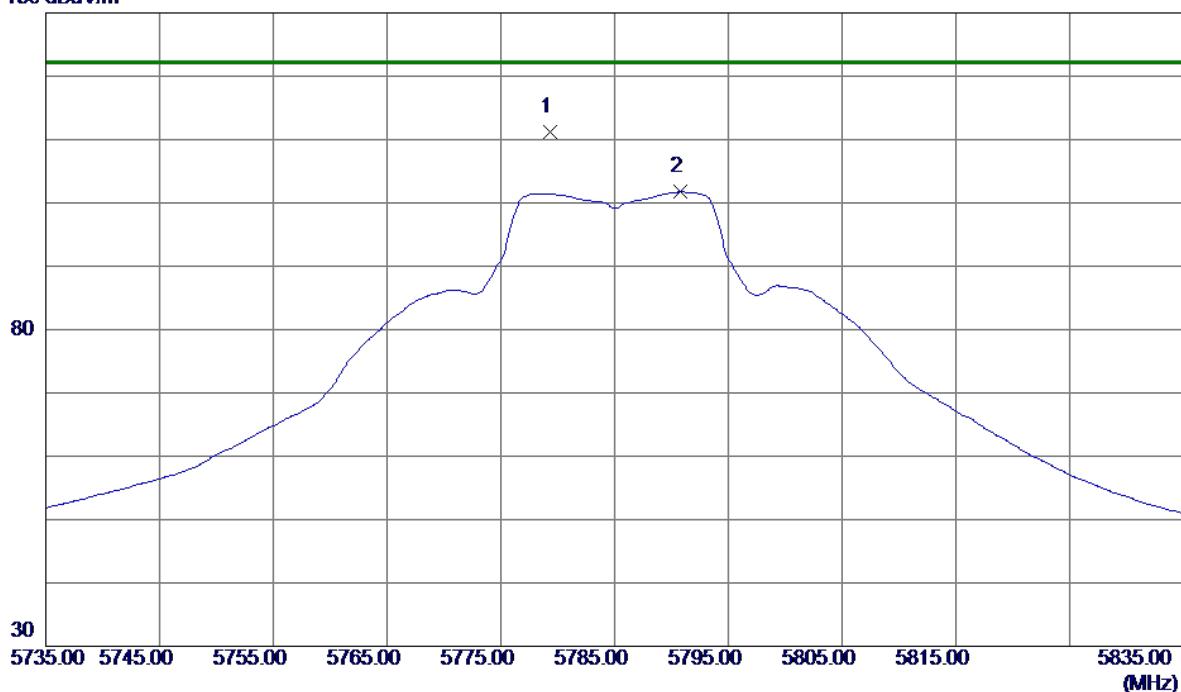
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17237.1500	38.56	23.15	61.71	68.30	-6.59	Peak

Orthogonal Axis: X

Test Mode: UNII-3/TX N20 Mode 5785MHz

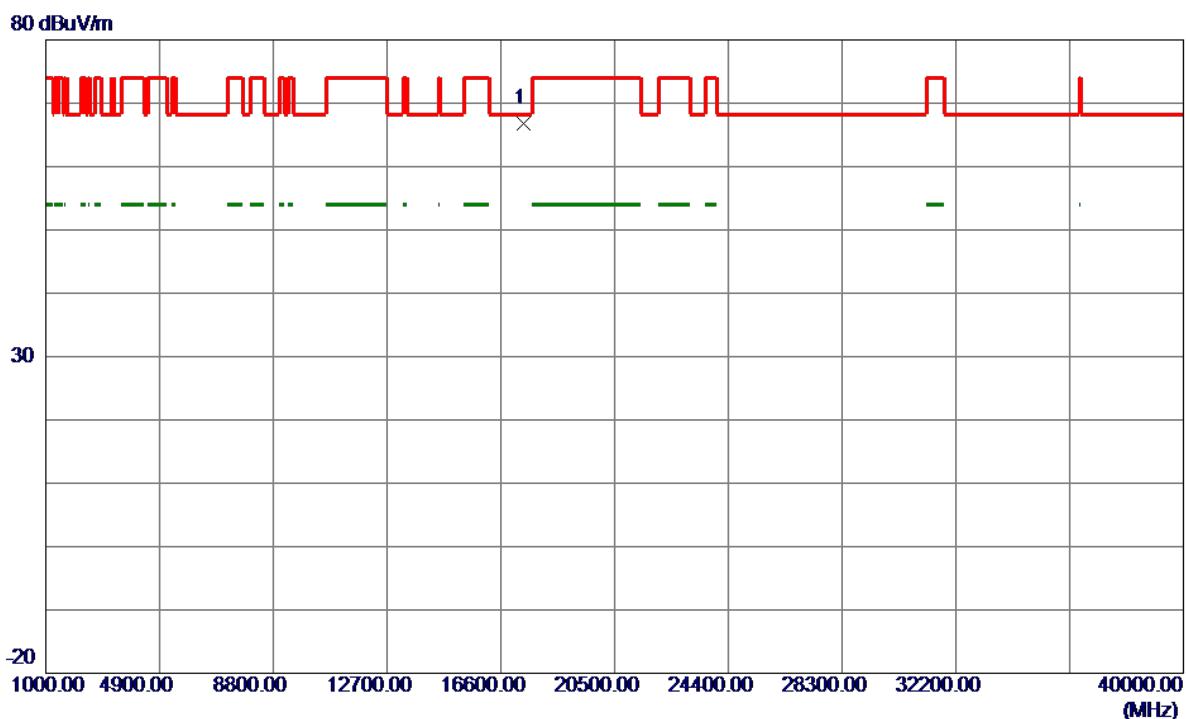
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5779.3000	67.50	43.72	111.22	122.20	-10.98	Peak	
2	5790.8000	57.96	43.76	101.72	122.20	-20.48	AVG	

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

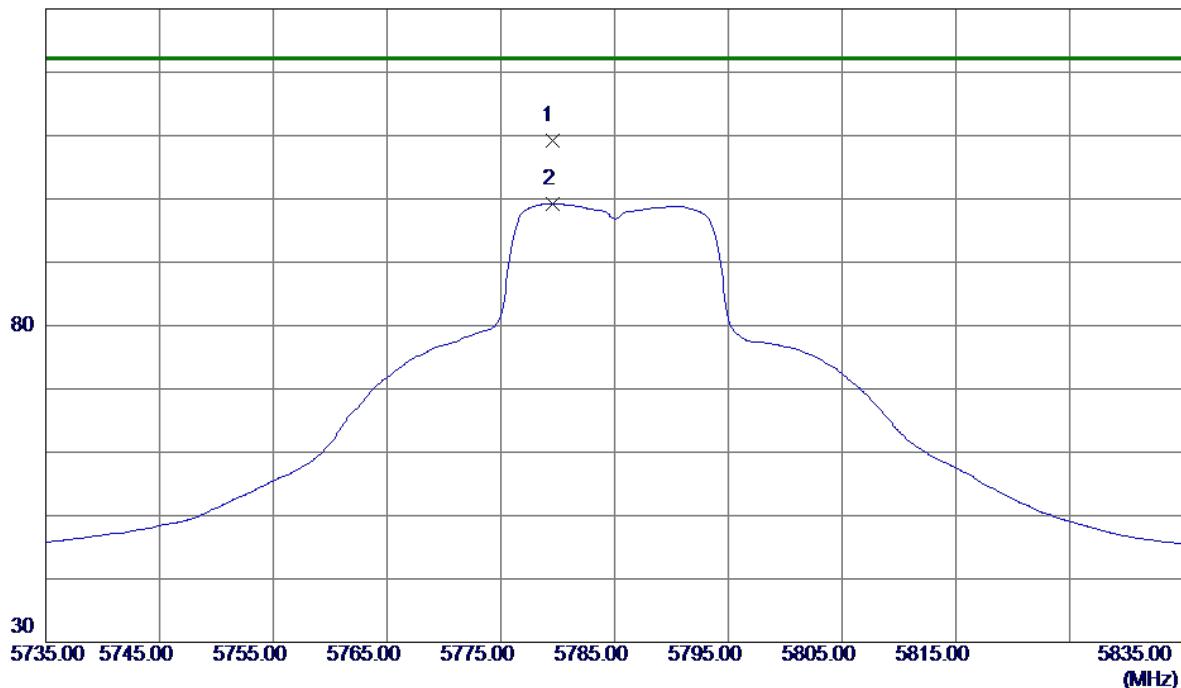
Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17365.6000	43.39	23.31	66.70	68.30	-1.60	Peak

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

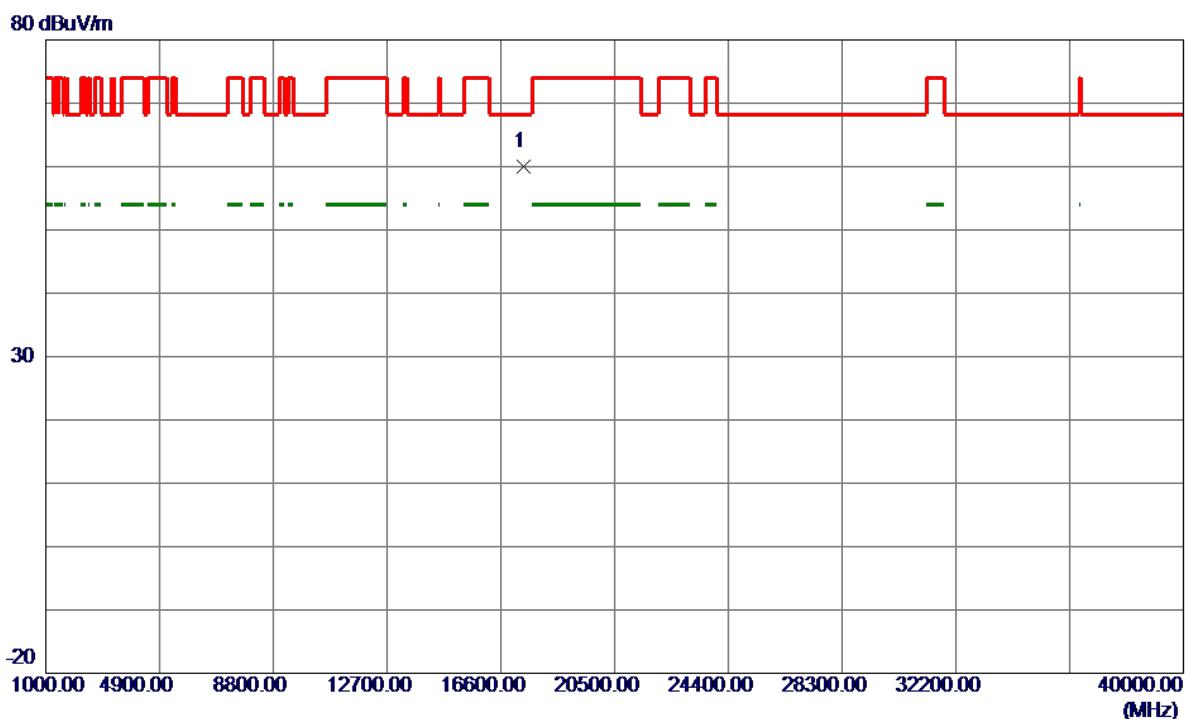
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5779.5000	65.47	43.72	109.19	122.20	-13.01	Peak	
2	5779.6000	55.52	43.72	99.24	122.20	-22.96	AVG	

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

Horizontal

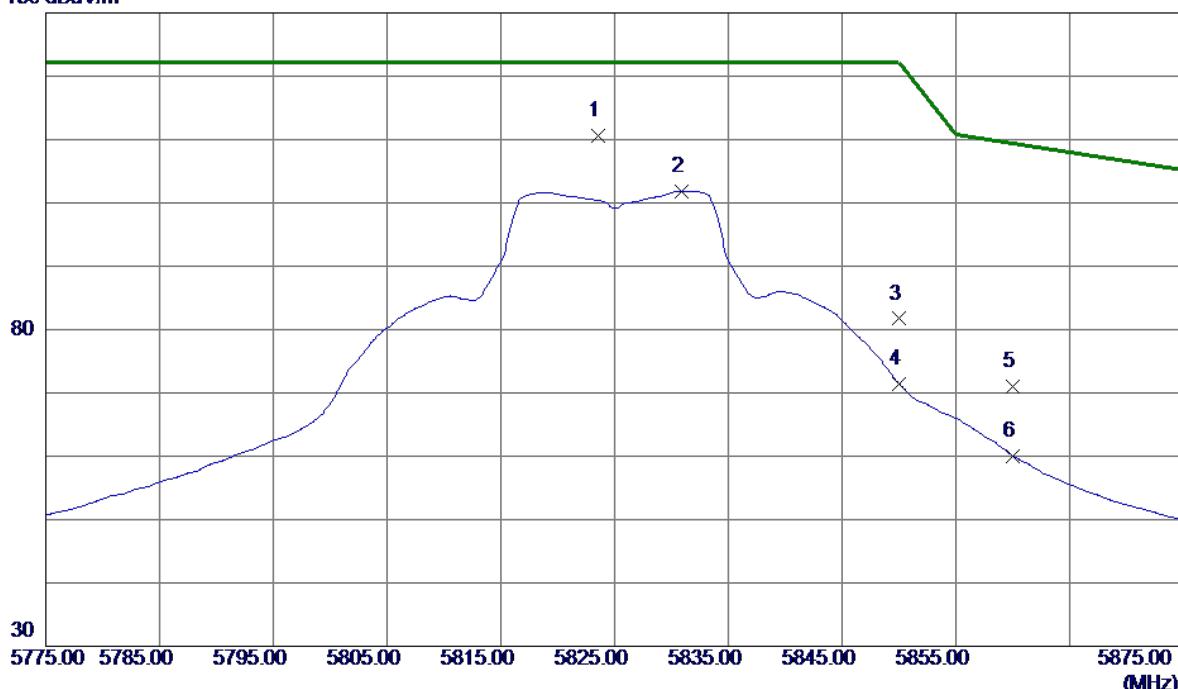
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17360.7500	36.68	23.30	59.98	68.30	-8.32	Peak	

Orthogonal Axis: X

Test Mode: UNII-3/TX N20 Mode 5825MHz

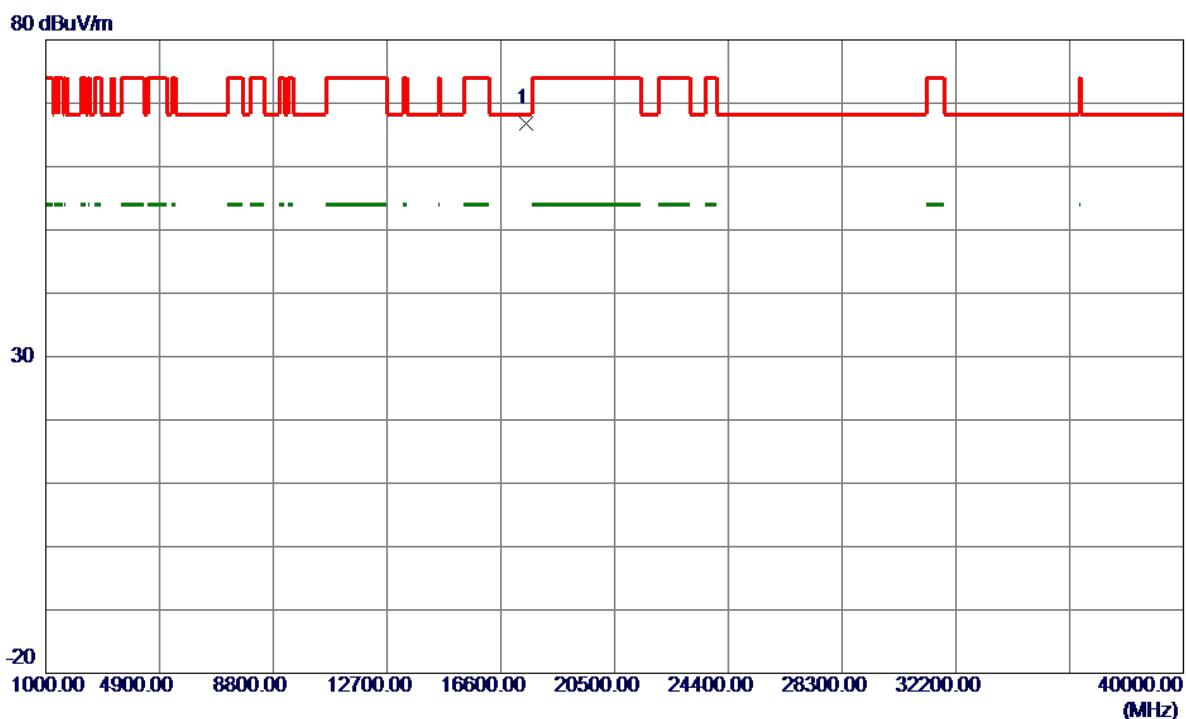
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5823.6000	66.65	43.86	110.51	122.20	-11.69	Peak	
2	5830.9000	57.99	43.88	101.87	122.20	-20.33	Avg	
3	5850.0000	37.76	43.94	81.70	122.20	-40.50	Peak	
4	5850.0000	27.52	43.94	71.46	122.20	-50.74	Avg	
5	5860.0000	26.95	43.97	70.92	109.40	-38.48	Peak	
6	5860.0000	16.12	43.97	60.09	109.40	-49.31	Avg	

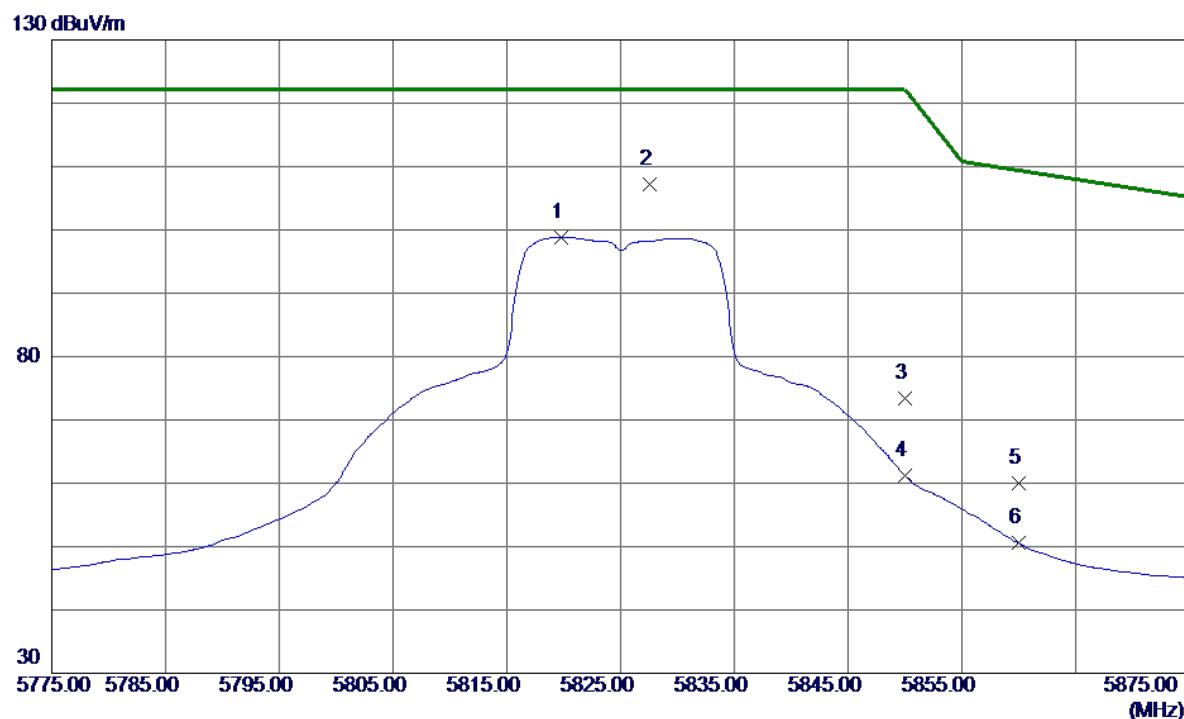
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17469.0500	43.39	23.44	66.83	68.30	-1.47	Peak

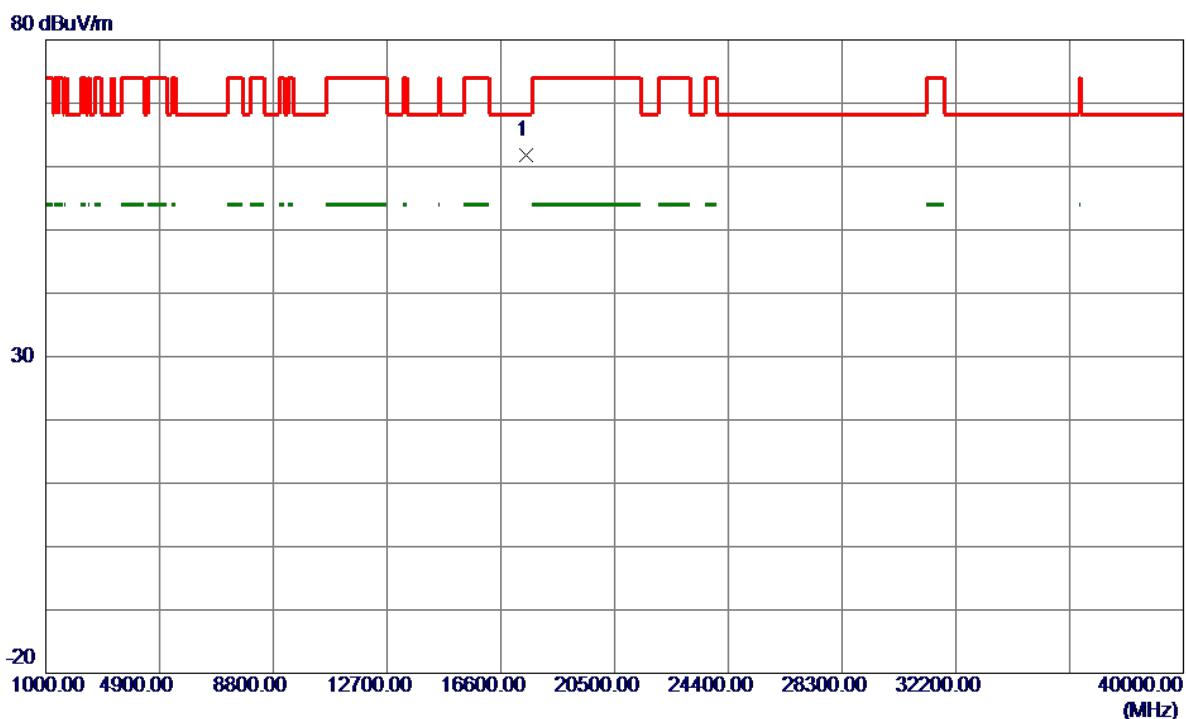
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5819.8000	54.98	43.85	98.83	122.20	-23.37	Avg	
2 *	5827.6000	63.41	43.87	107.28	122.20	-14.92	Peak	
3	5850.0000	29.37	43.94	73.31	122.20	-48.89	Peak	
4	5850.0000	17.23	43.94	61.17	122.20	-61.03	Avg	
5	5860.0000	16.09	43.97	60.06	109.40	-49.34	Peak	
6	5860.0000	6.54	43.97	50.51	109.40	-58.89	Avg	

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

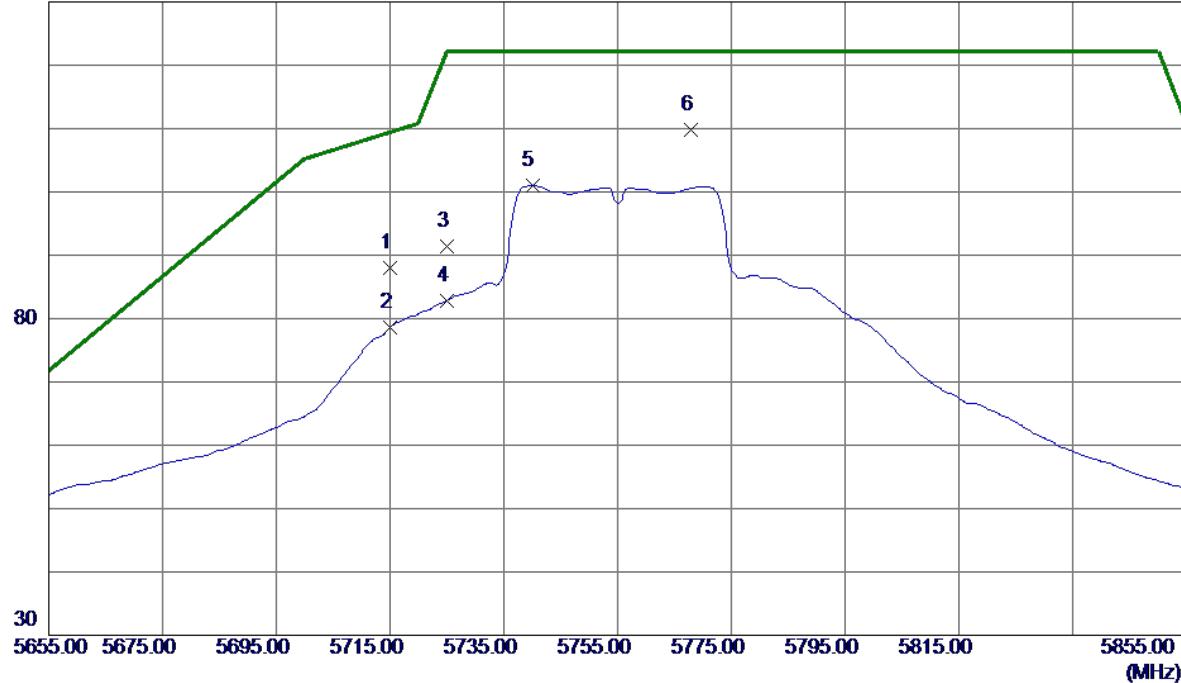
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17472.0500	38.37	23.44	61.81	68.30	-6.49	Peak

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

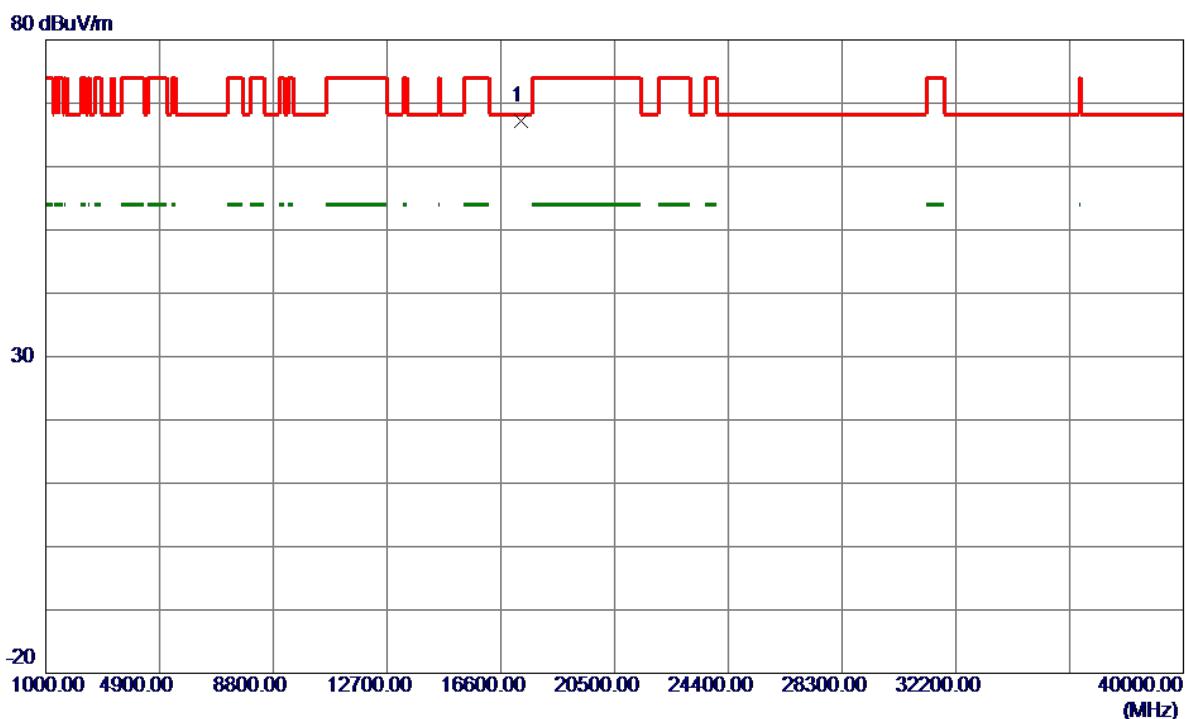
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5715.0000	44.46	43.53	87.99	109.40	-21.41	Peak	
2	5715.0000	35.02	43.53	78.55	109.40	-30.85	Avg	
3	5725.0000	47.92	43.56	91.48	122.20	-30.72	Peak	
4	5725.0000	39.27	43.56	82.83	122.20	-39.37	Avg	
5	5740.0000	57.44	43.60	101.04	122.20	-21.16	Avg	
6 *	5767.8000	66.09	43.69	109.78	122.20	-12.42	Peak	

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

Vertical

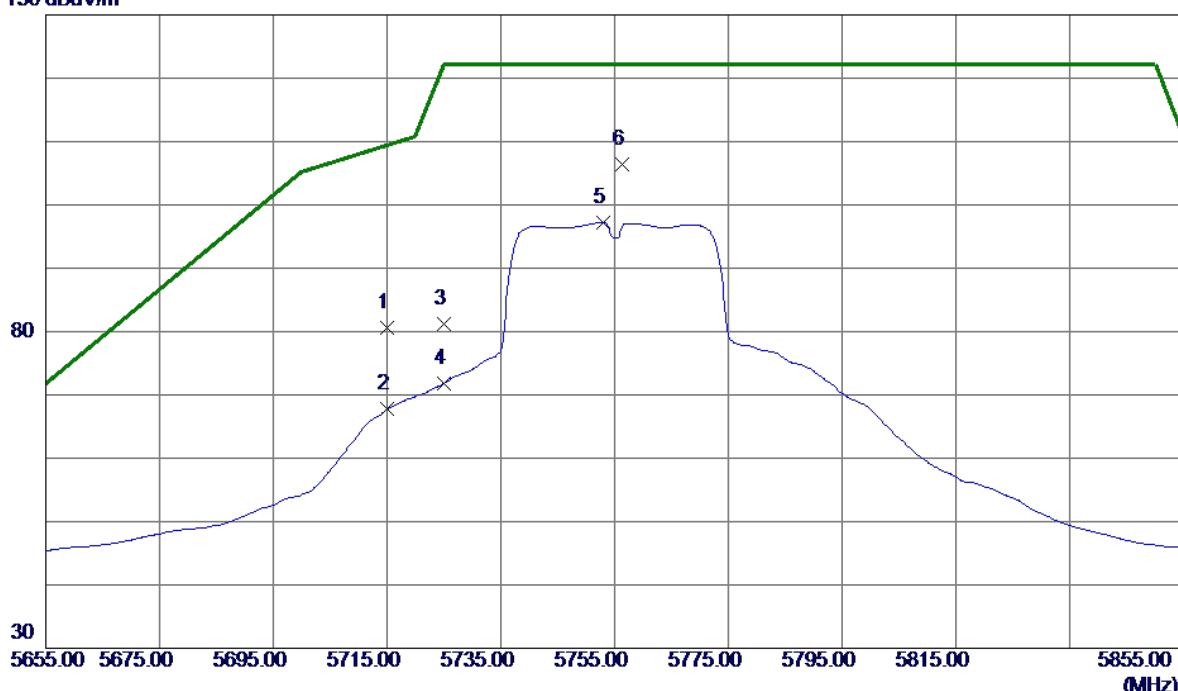
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17275.1500	44.08	23.20	67.28	68.30	-1.02	Peak	

Orthogonal Axis: X

Test Mode: UNII-3/TX N40 Mode 5755MHz

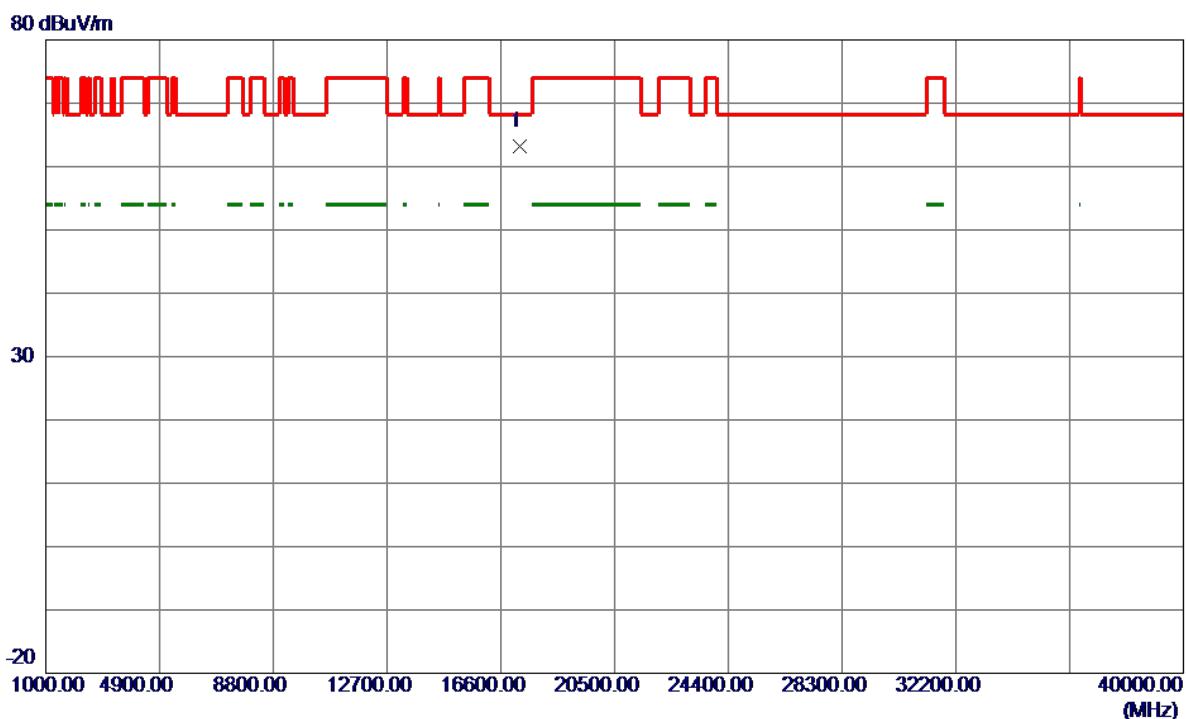
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	37.03	43.53	80.56	109.40	-28.84	Peak	
2	5715.0000	24.20	43.53	67.73	109.40	-41.67	Avg	
3	5725.0000	37.61	43.56	81.17	122.20	-41.03	Peak	
4	5725.0000	28.27	43.56	71.83	122.20	-50.37	Avg	
5	5753.0000	53.64	43.64	97.28	122.20	-24.92	Avg	
6 *	5756.4000	62.67	43.65	106.32	122.20	-15.88	Peak	

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

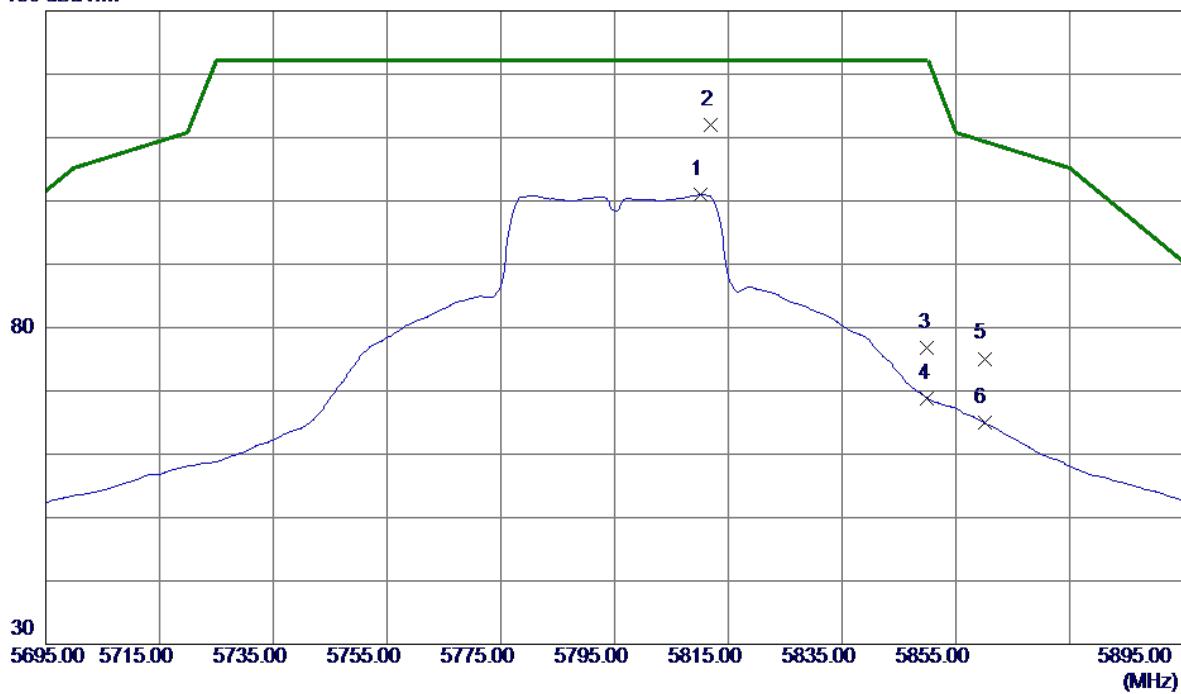
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17267.2500	39.92	23.19	63.11	68.30	-5.19	Peak	

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

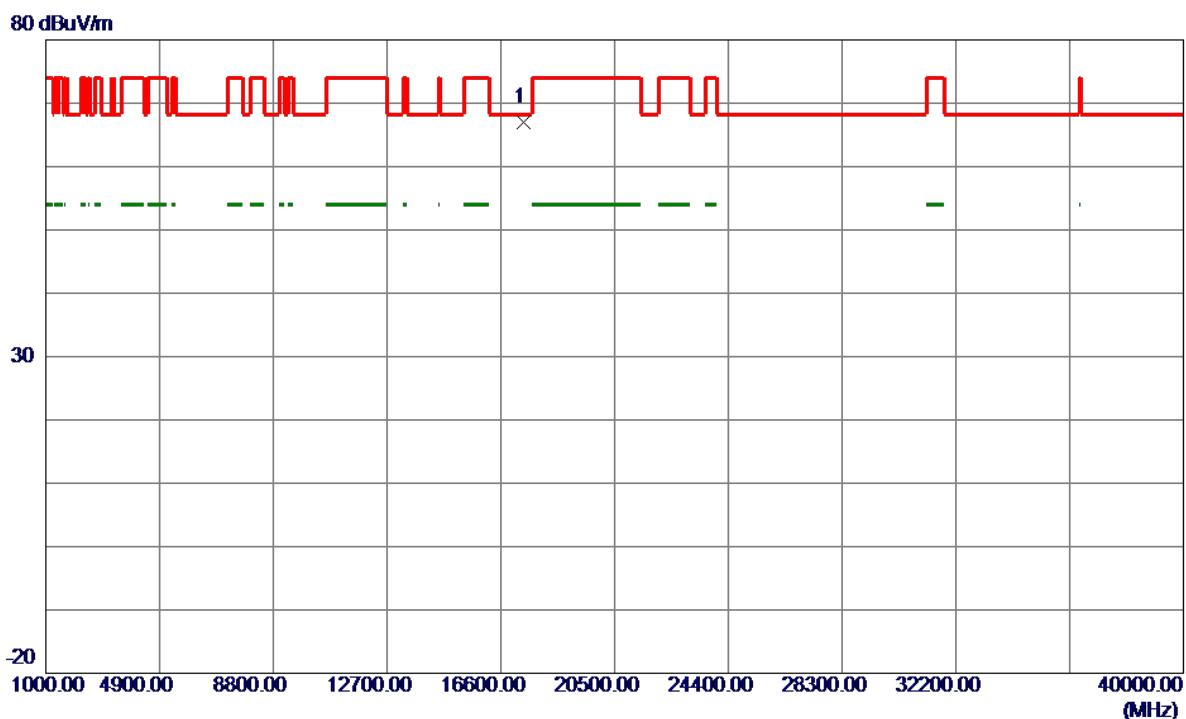
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5810.2000	57.15	43.82	100.97	122.20	-21.23	Avg	
2 *	5811.8000	68.09	43.82	111.91	122.20	-10.29	Peak	
3	5850.0000	32.87	43.94	76.81	122.20	-45.39	Peak	
4	5850.0000	24.92	43.94	68.86	122.20	-53.34	Avg	
5	5860.0000	31.13	43.97	75.10	109.40	-34.30	Peak	
6	5860.0000	20.97	43.97	64.94	109.40	-44.46	Avg	

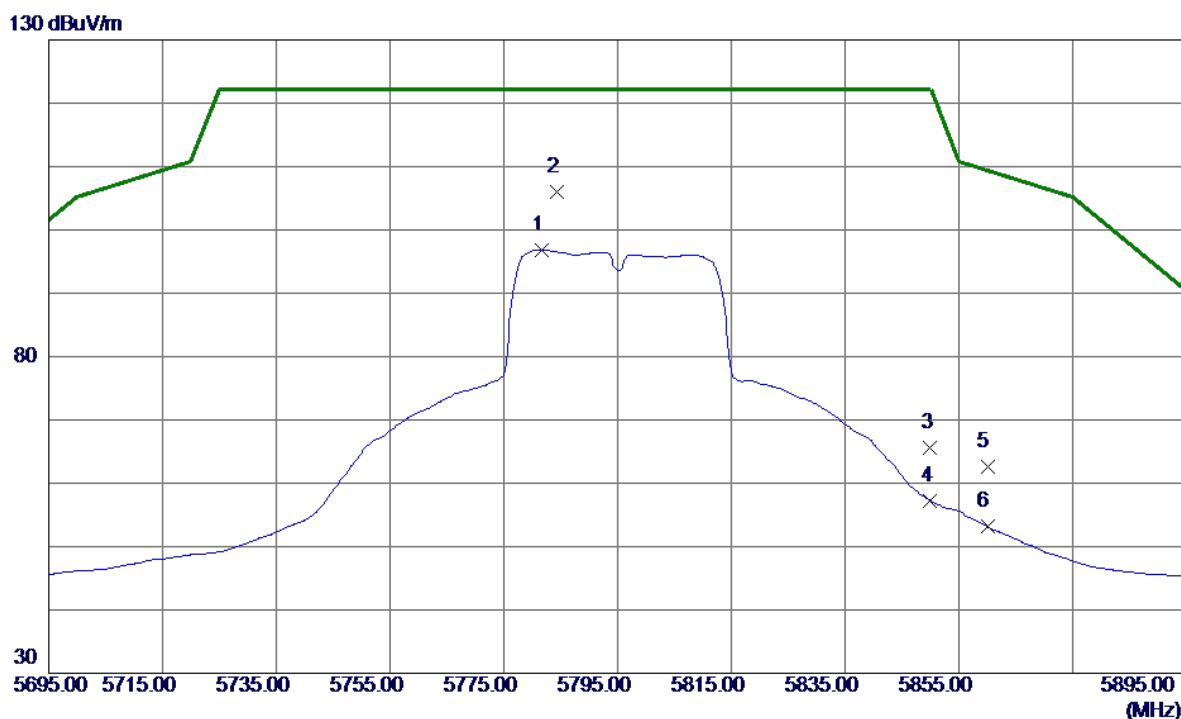
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17383.8500	43.60	23.33	66.93	68.30	-1.37	Peak

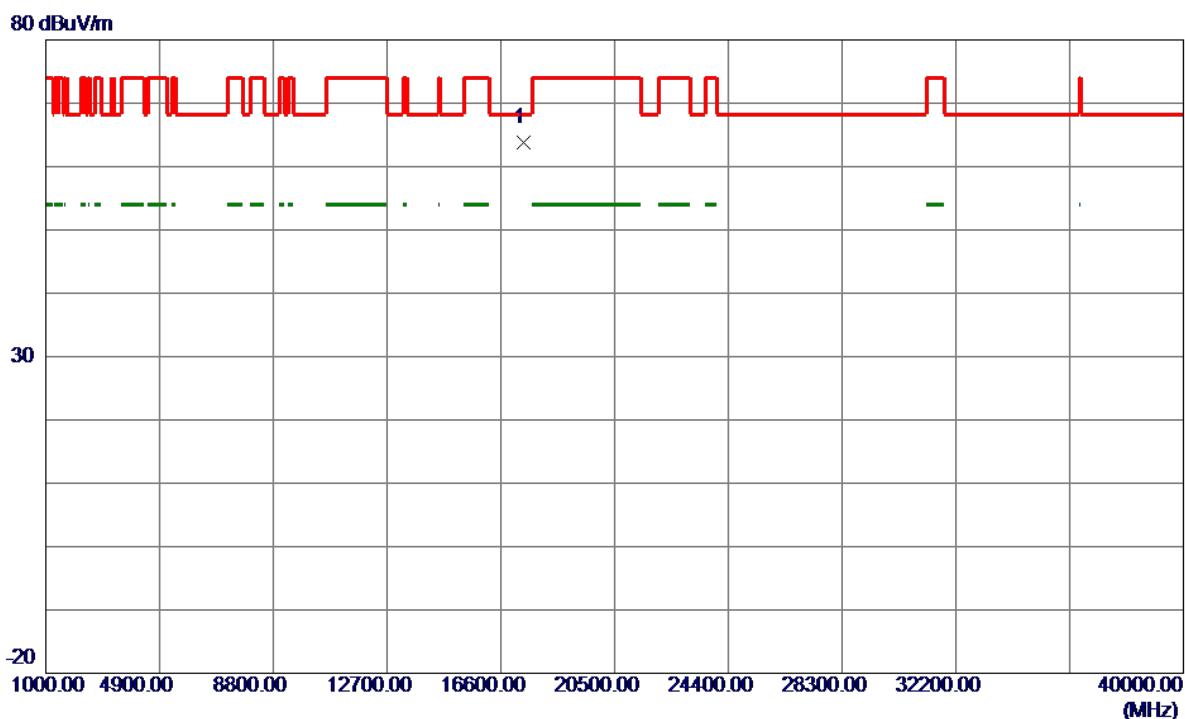
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5781.6000	53.13	43.73	96.86	122.20	-25.34	Avg	
2 *	5784.4000	62.19	43.74	105.93	122.20	-16.27	Peak	
3	5850.0000	21.68	43.94	65.62	122.20	-56.58	Peak	
4	5850.0000	13.28	43.94	57.22	122.20	-64.98	Avg	
5	5860.0000	18.59	43.97	62.56	109.40	-46.84	Peak	
6	5860.0000	9.17	43.97	53.14	109.40	-56.26	Avg	

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

Horizontal

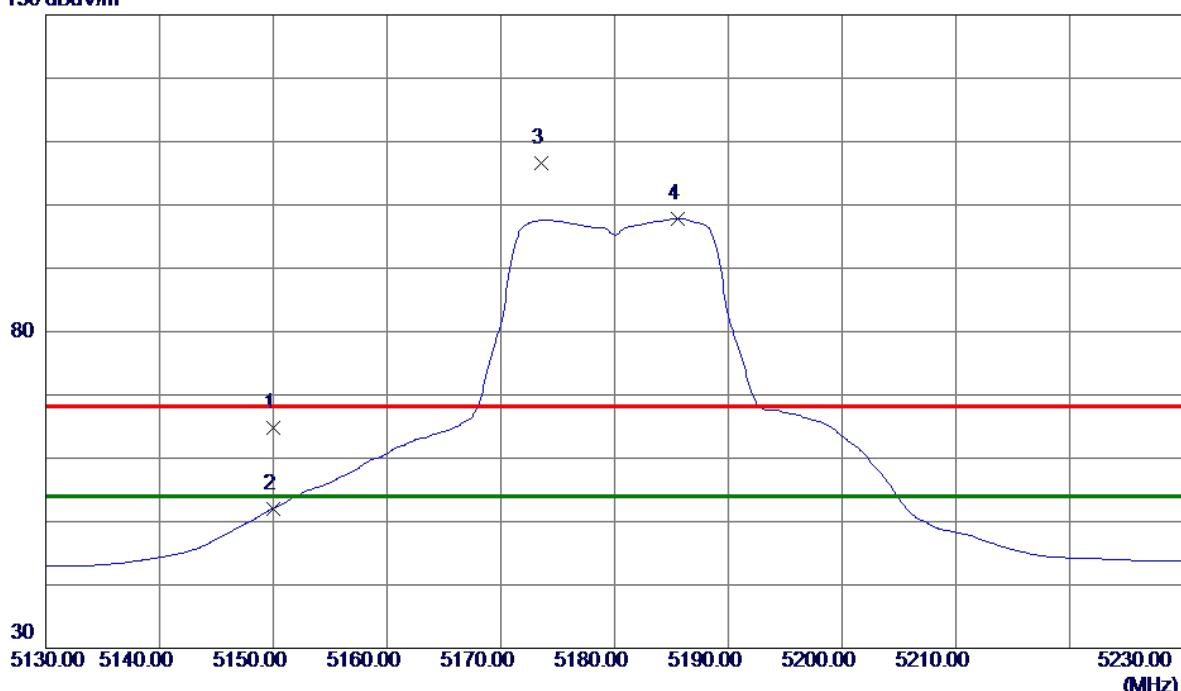
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17384.6500	40.53	23.33	63.86	68.30	-4.44	Peak

Orthogonal Axis: X

Test Mode: UNII-1/ TX AC20 Mode 5180MHz

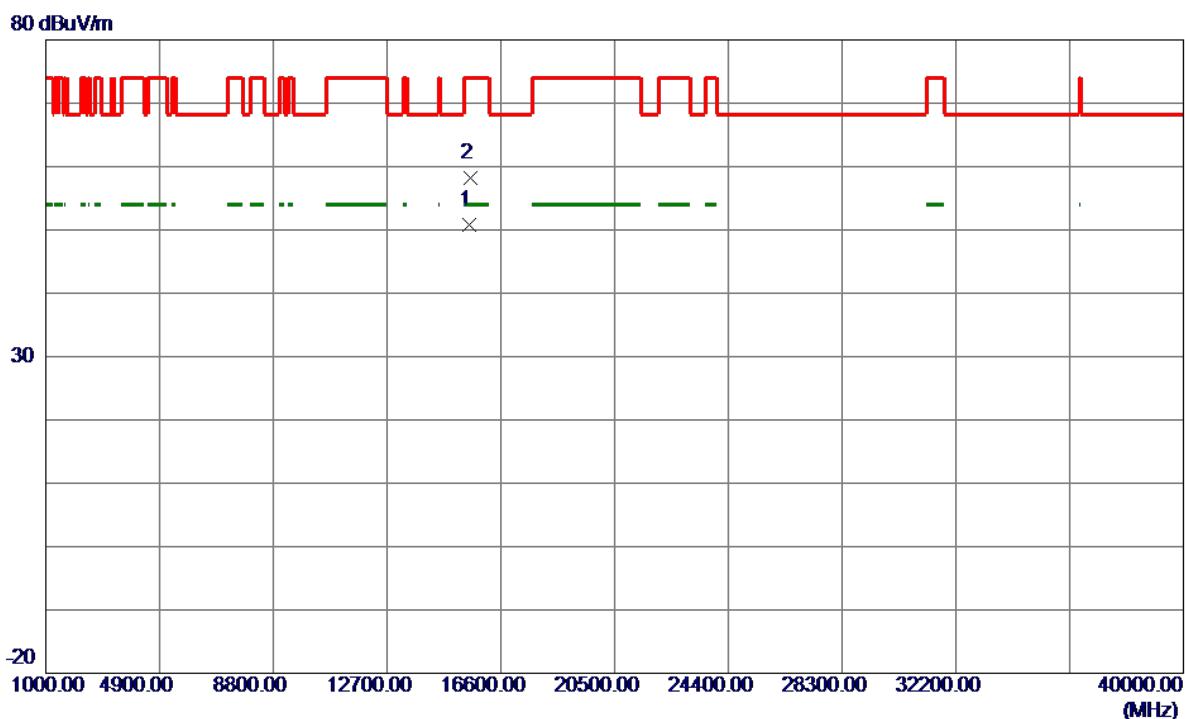
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	23.73	41.10	64.83	68.30	-3.47	Peak	
2	5150.0000	10.99	41.10	52.09	54.00	-1.91	AVG	
3	5173.6000	65.47	41.22	106.69	68.30	38.39	Peak	No Limit
4 *	5185.6000	56.53	41.28	97.81	54.00	43.81	AVG	No Limit

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

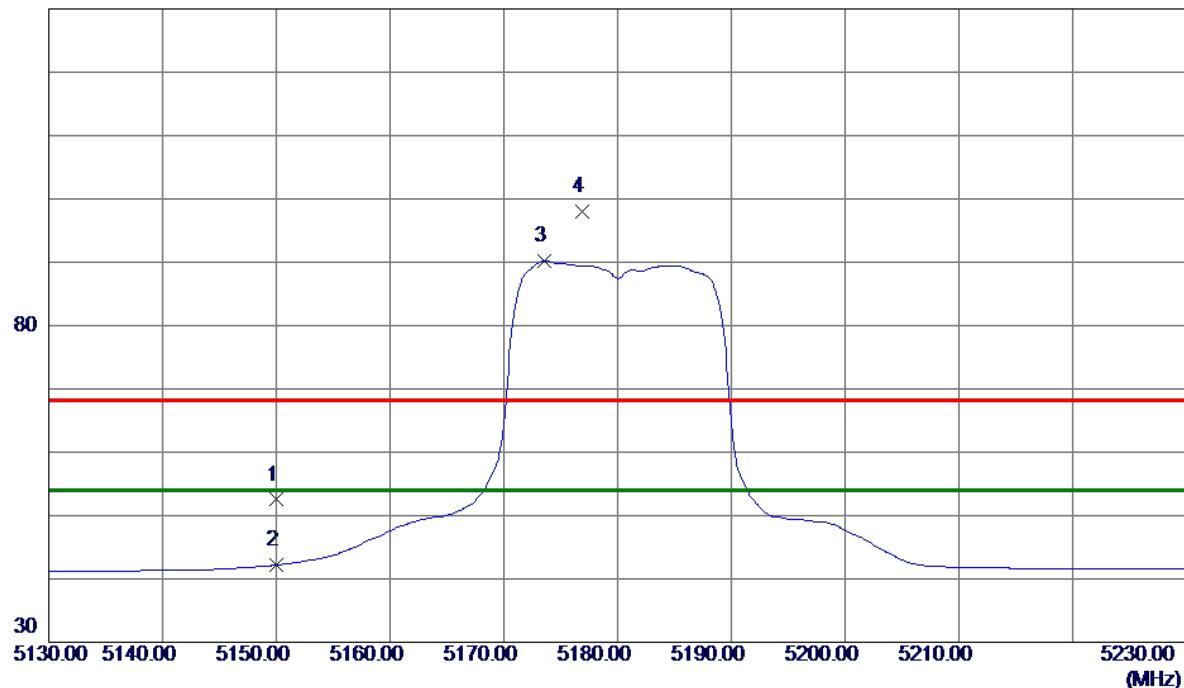
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15536.8000	27.44	23.27	50.71	54.00	-3.29	AVG	
2	15543.7000	35.01	23.27	58.28	74.00	-15.72	Peak	

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

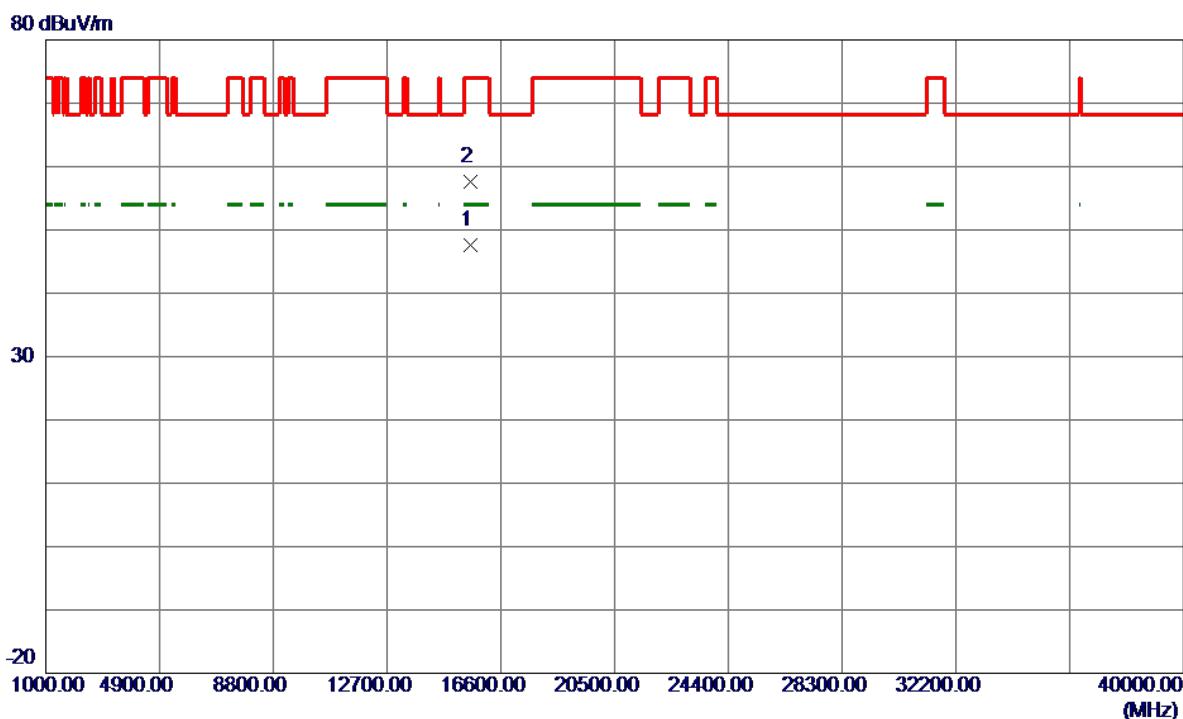
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	11.40	41.10	52.50	68.30	-15.80	Peak	
2	5150.0000	1.10	41.10	42.20	54.00	-11.80	AVG	
3 *	5173.6000	49.00	41.22	90.22	54.00	36.22	AVG	No Limit
4	5176.9000	56.67	41.24	97.91	68.30	29.61	Peak	No Limit

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

Horizontal

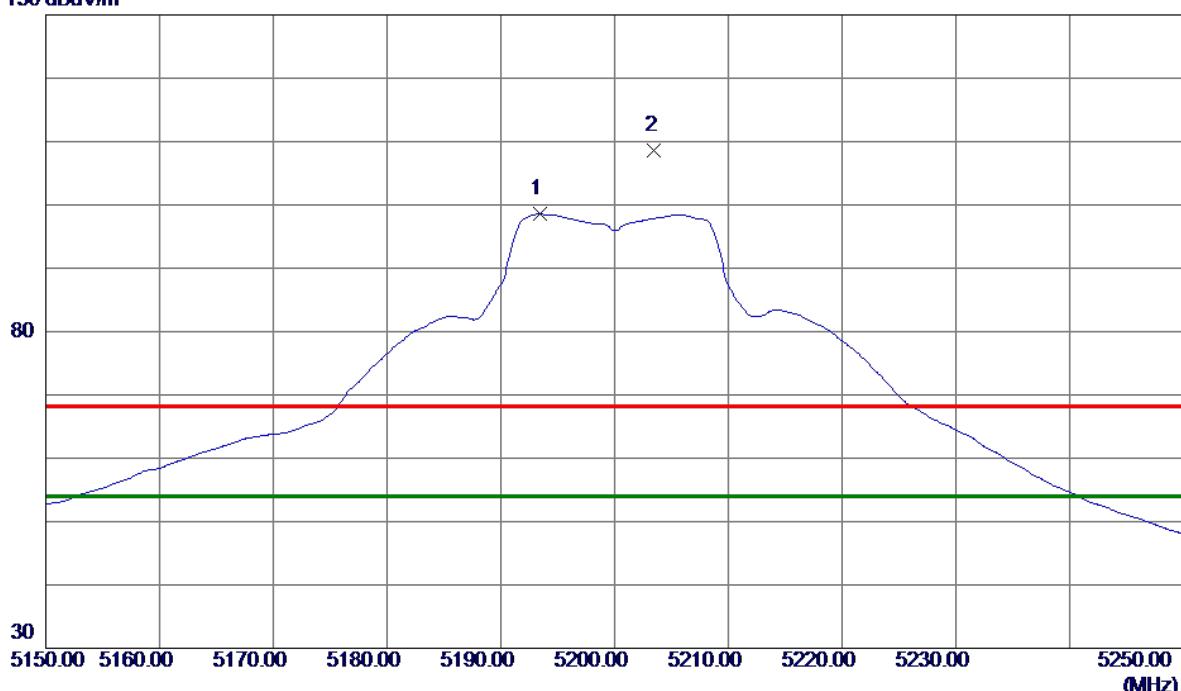
No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15539.1000	24.36	23.27	47.63	54.00	-6.37	AVG	
2	15540.6000	34.38	23.27	57.65	74.00	-16.35	Peak	

Orthogonal Axis: X

Test Mode: UNII-1/ TX AC20 Mode 5200MHz

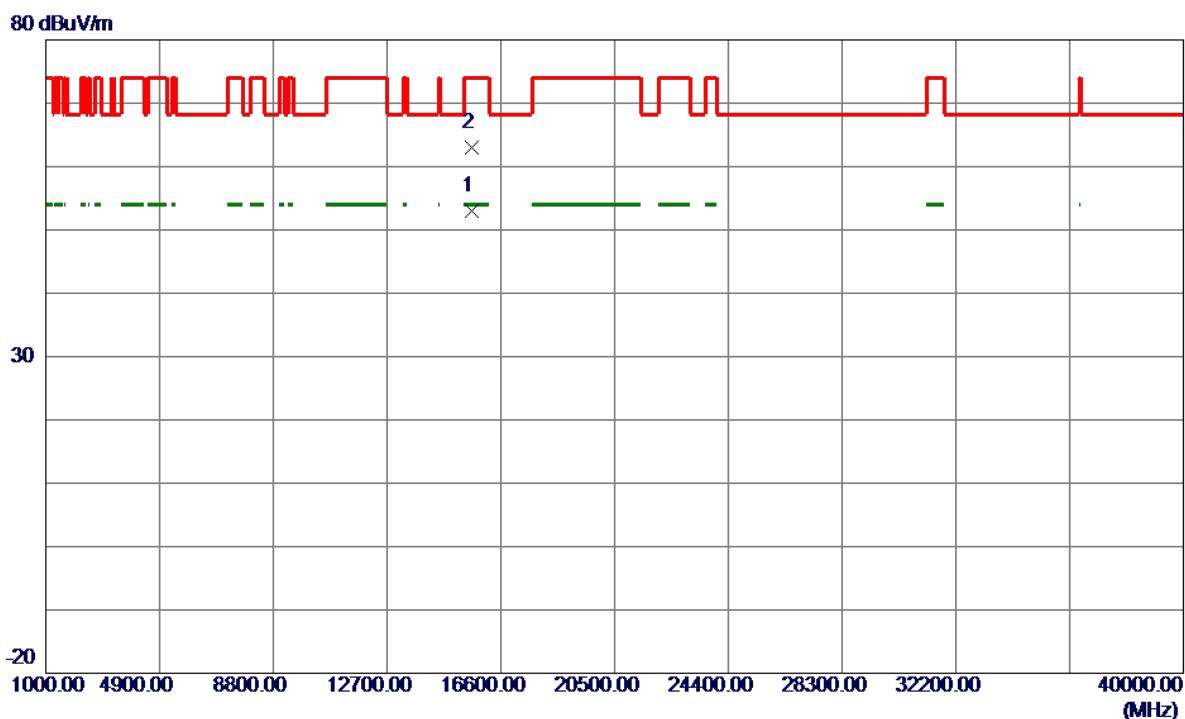
Vertical

130 dBuV/m



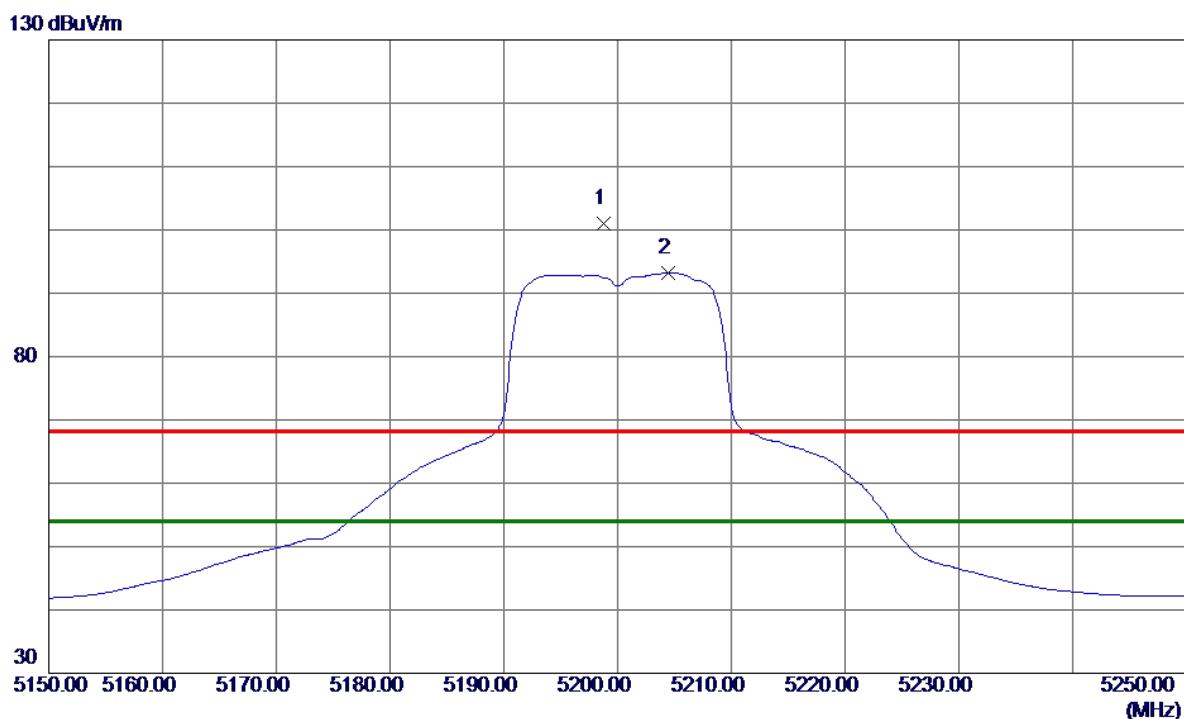
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin		Comment
						Detector		
1 *	5193.4000	57.21	41.32	98.53	54.00	44.53	AVG	No Limit
2	5203.5000	67.26	41.37	108.63	68.30	40.33	Peak	No Limit

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

Vertical

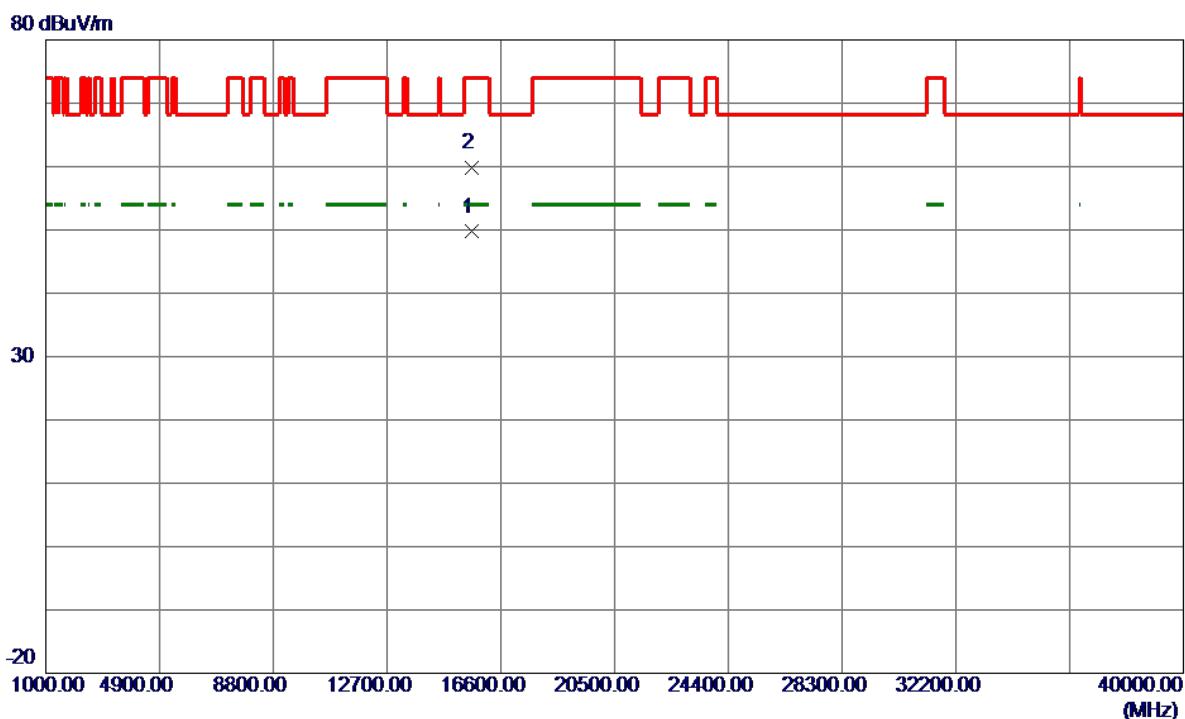
No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15599.4500	29.76	23.30	53.06	54.00	-0.94	AVG	
2	15602.4000	39.64	23.30	62.94	74.00	-11.06	Peak	

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

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	5198.8000	59.59	41.35	100.94	68.30	32.64	Peak	No Limit
2 *	5204.4000	51.75	41.38	93.13	54.00	39.13	AVG	No Limit

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

Horizontal

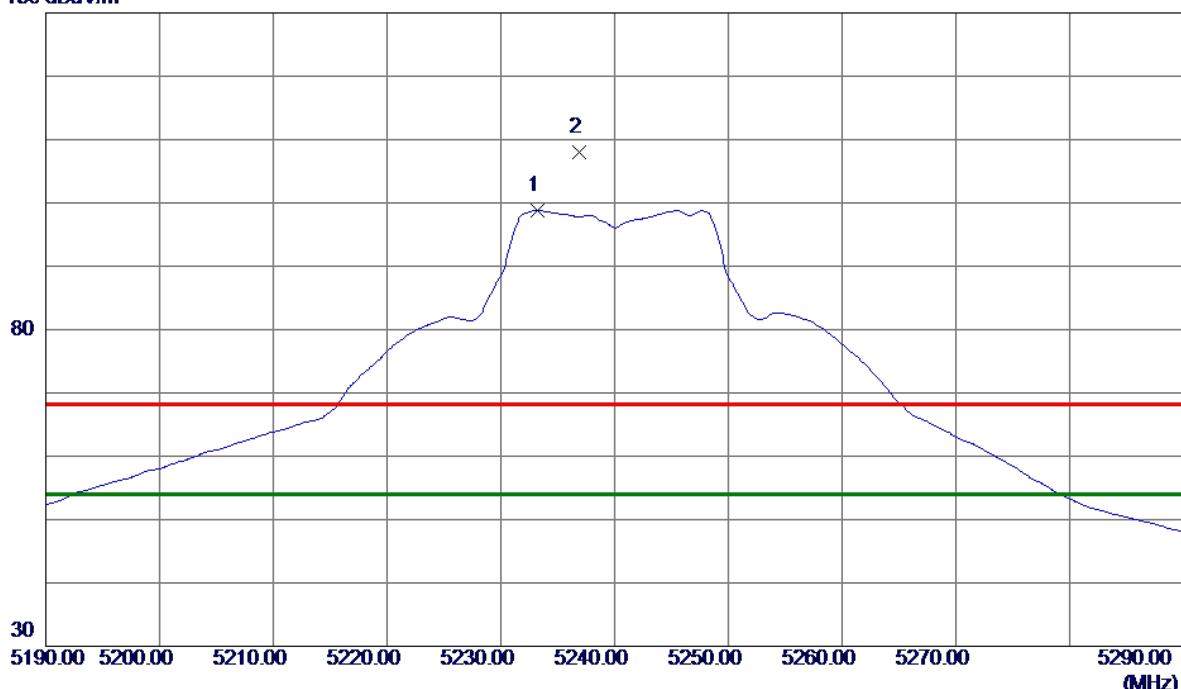
No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15596.9000	26.40	23.30	49.70	54.00	-4.30	AVG	
2	15603.8000	36.57	23.30	59.87	74.00	-14.13	Peak	

Orthogonal Axis: X

Test Mode: UNII-1/ TX AC20 Mode 5240MHz

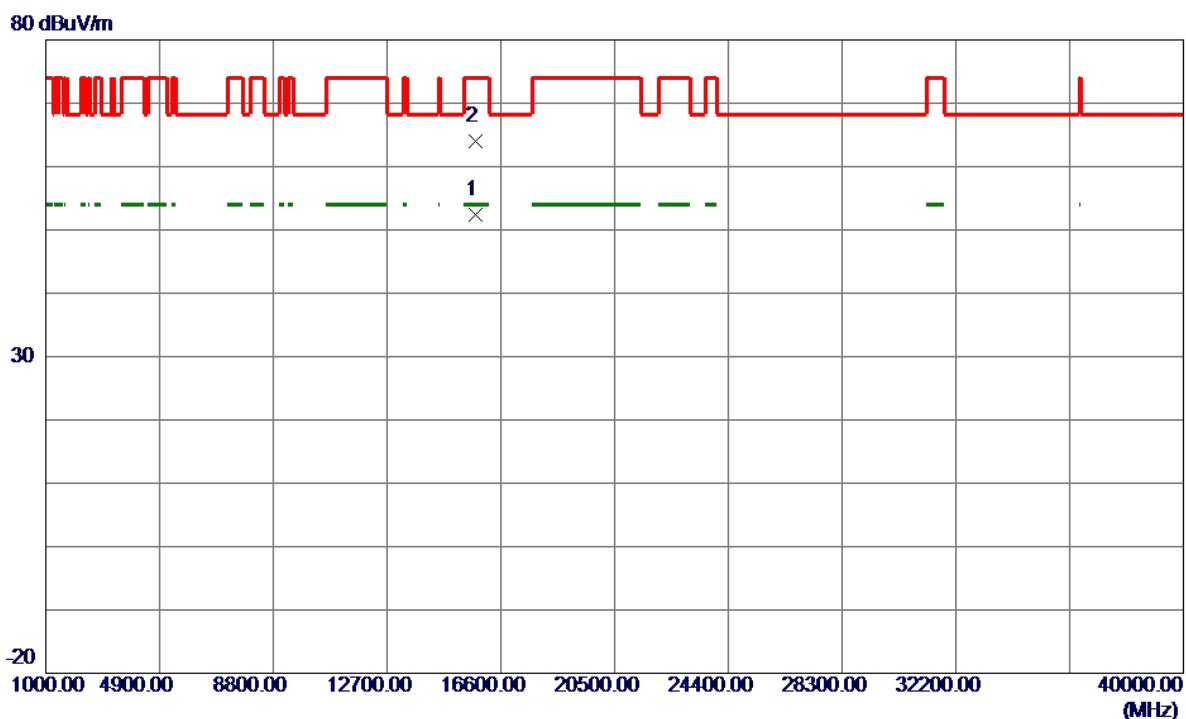
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	5233.2000	57.27	41.52	98.79	54.00	44.79	AVG	No Limit
2	5236.9000	66.41	41.54	107.95	68.30	39.65	Peak	No Limit

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

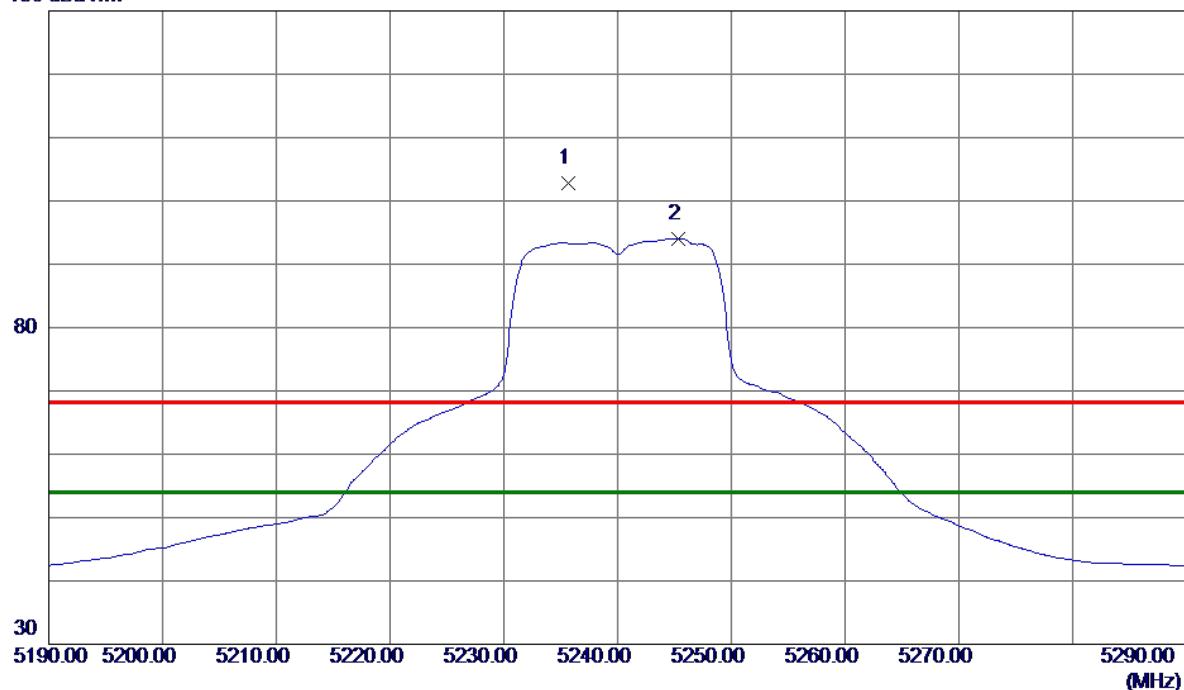
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15721.7500	28.98	23.37	52.35	54.00	-1.65	AVG	
2	15726.4500	40.66	23.37	64.03	74.00	-9.97	Peak	

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

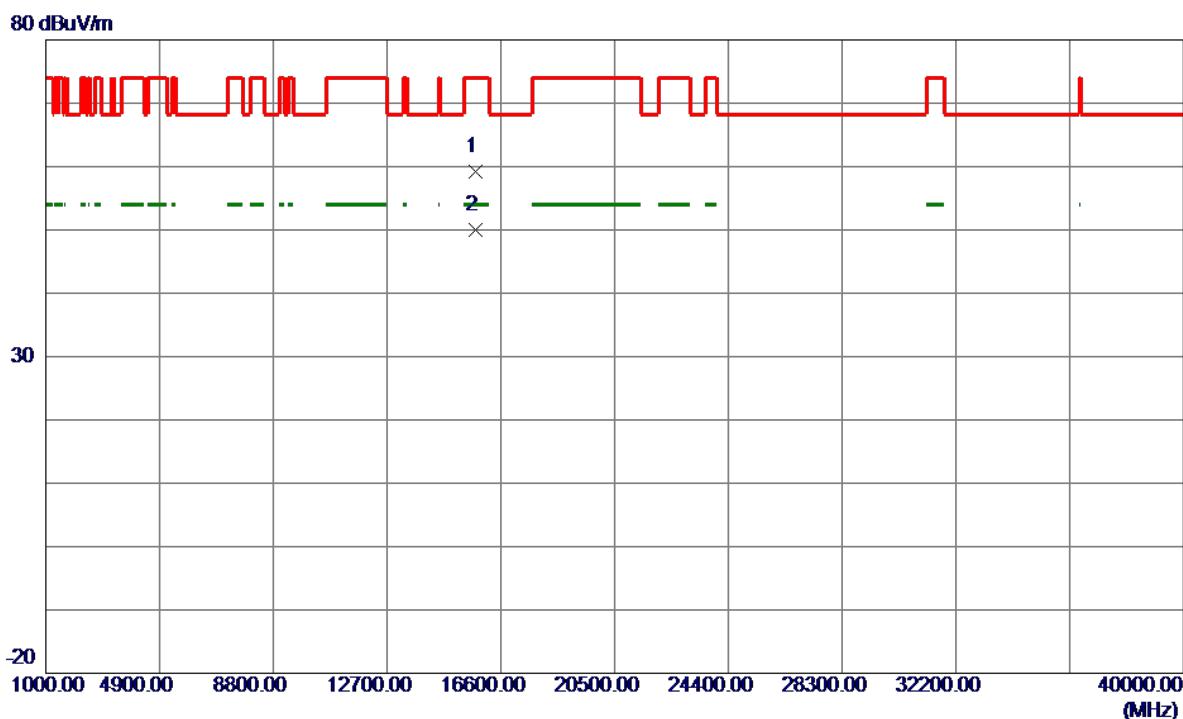
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5235.7000	61.19	41.54	102.73	68.30	34.43	Peak	No Limit
2 *	5245.3000	52.48	41.59	94.07	54.00	40.07	AVG	No Limit

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

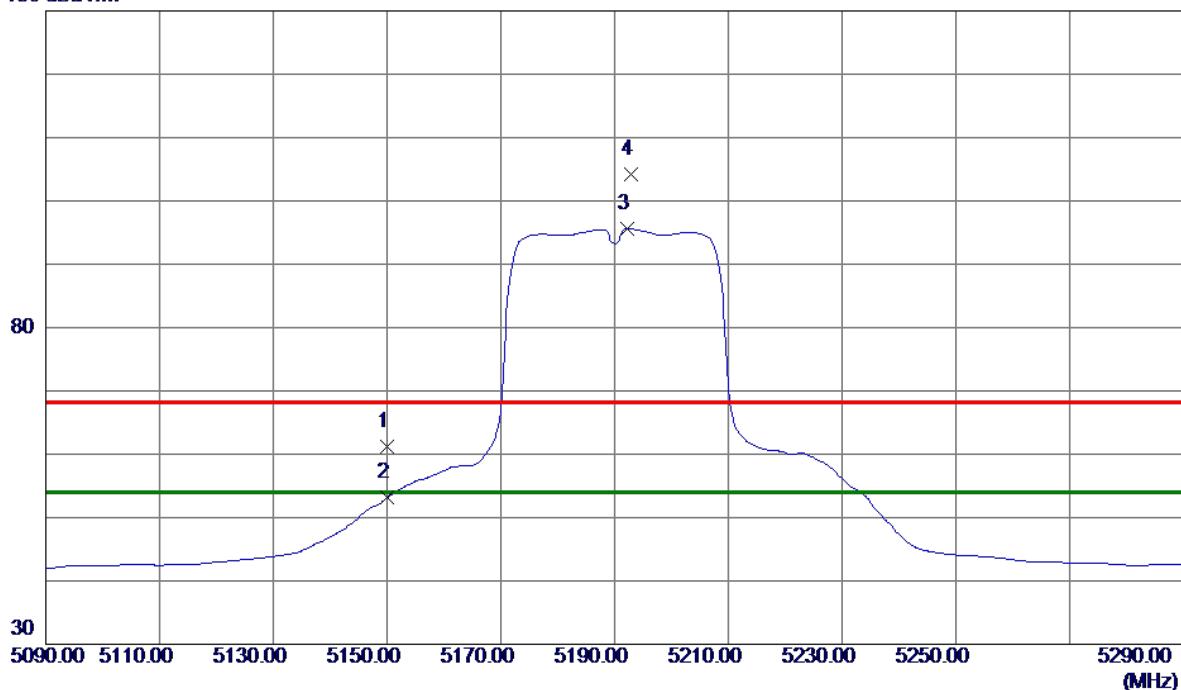
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15722.8500	35.80	23.37	59.17	74.00	-14.83	Peak	
2 *	15724.3000	26.58	23.37	49.95	54.00	-4.05	AVG	

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

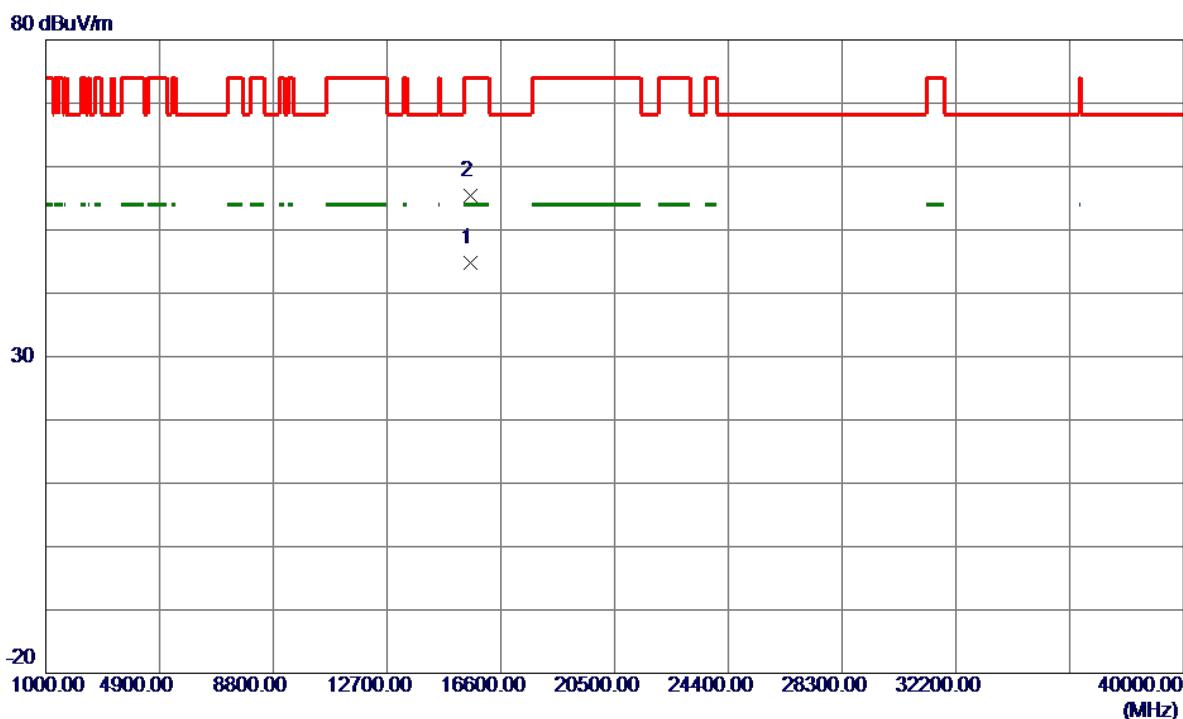
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	20.05	41.10	61.15	68.30	-7.15	Peak	
2	5150.0000	12.03	41.10	53.13	54.00	-0.87	AVG	
3 *	5192.2000	54.35	41.32	95.67	54.00	41.67	AVG	No Limit
4	5192.8000	62.95	41.32	104.27	68.30	35.97	Peak	No Limit

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

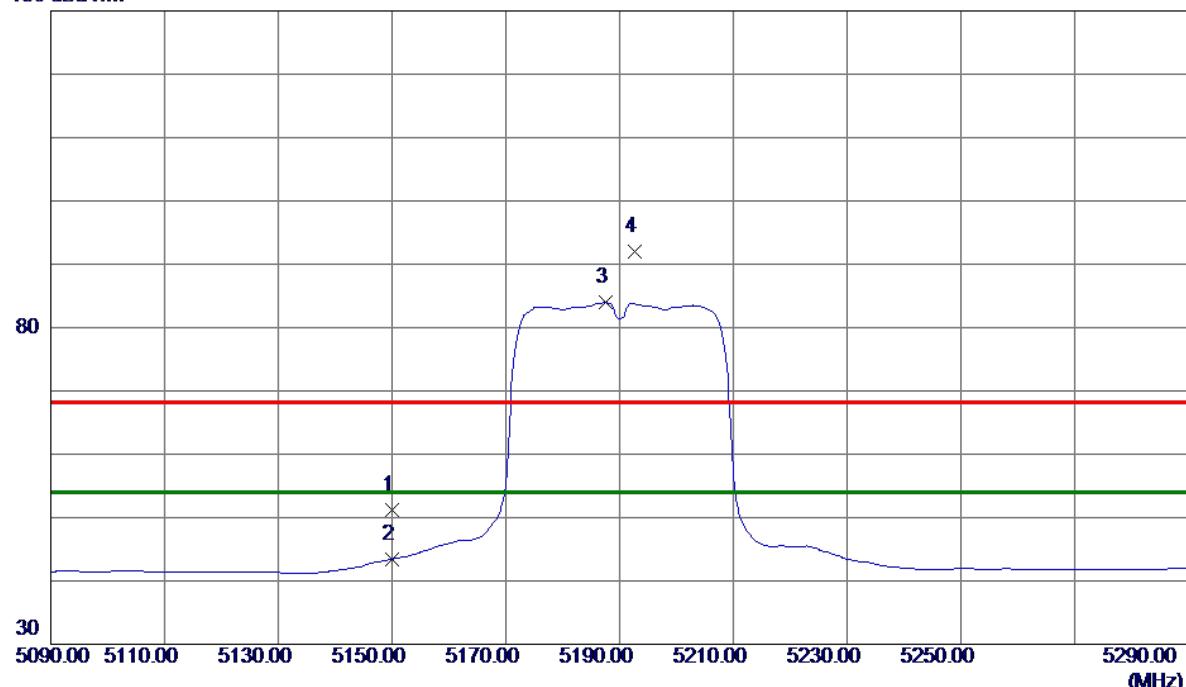
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15569.5000	21.51	23.28	44.79	54.00	-9.21	AVG	
2	15570.4500	32.17	23.28	55.45	74.00	-18.55	Peak	

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

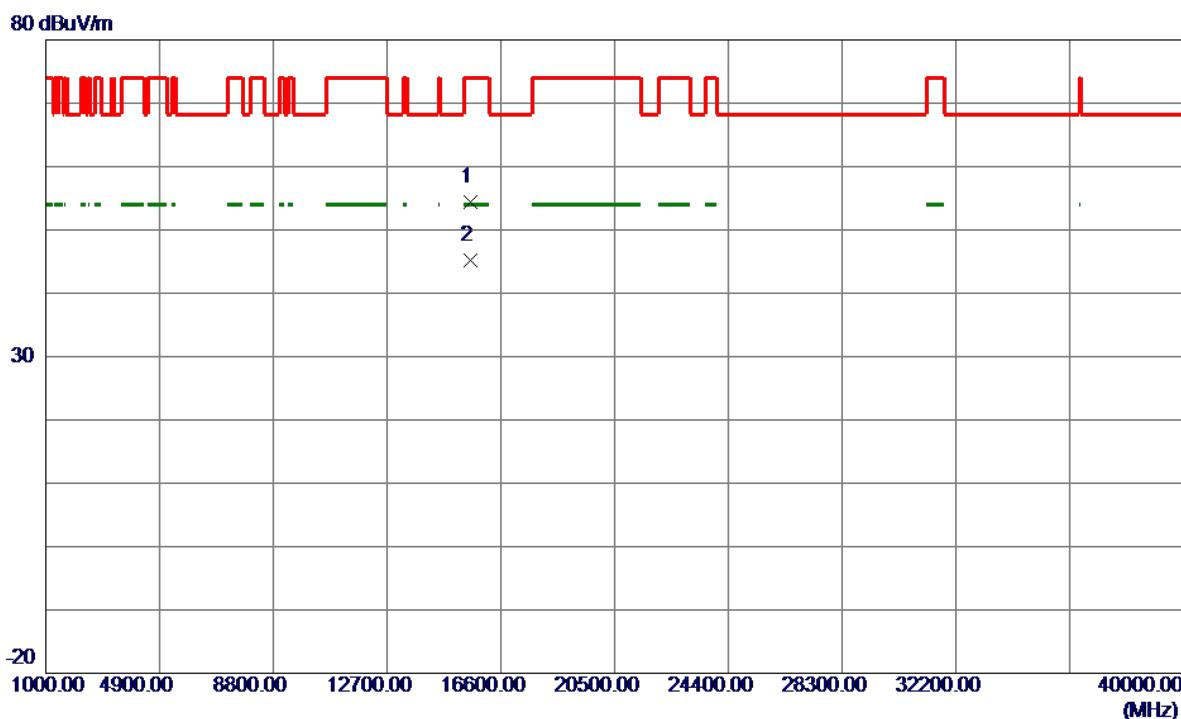
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5150.0000	10.12	41.10	51.22	68.30	-17.08	Peak	
2	5187.6000	2.34	41.10	43.44	54.00	-10.56	AVG	
3 *	5192.6000	42.64	41.29	83.93	54.00	29.93	AVG	No Limit
4	5192.6000	50.65	41.32	91.97	68.30	23.67	Peak	No Limit

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

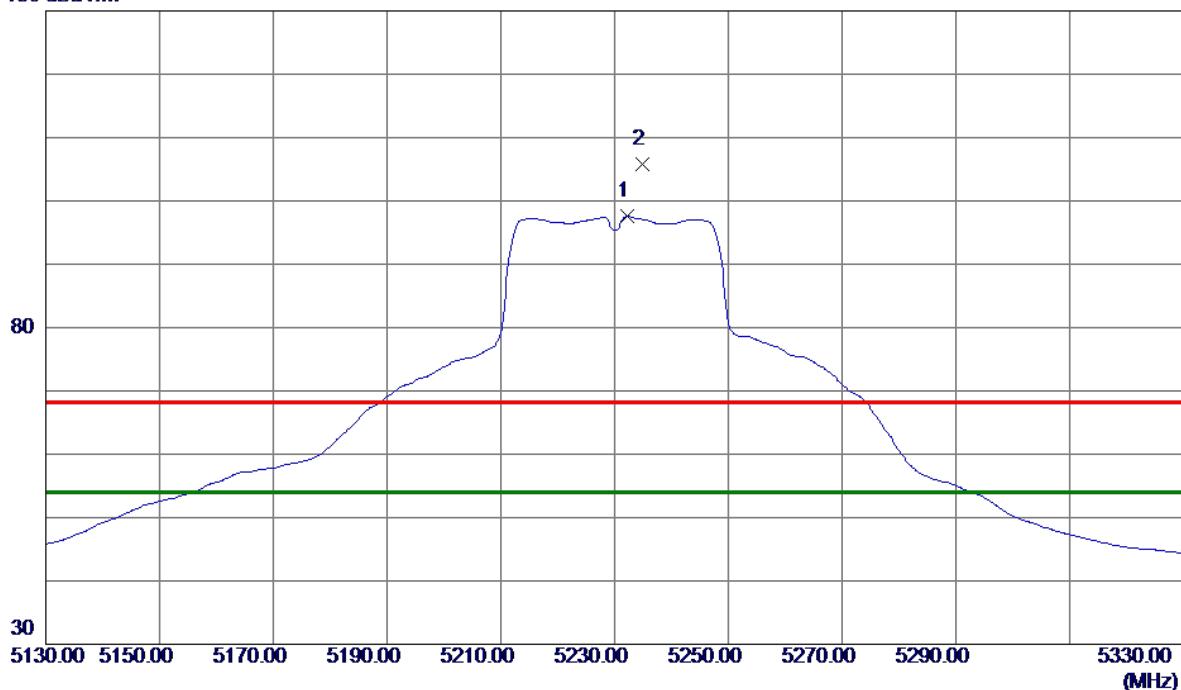
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15569.4000	31.06	23.28	54.34	74.00	-19.66	Peak	
2 *	15570.1500	21.84	23.28	45.12	54.00	-8.88	AVG	

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

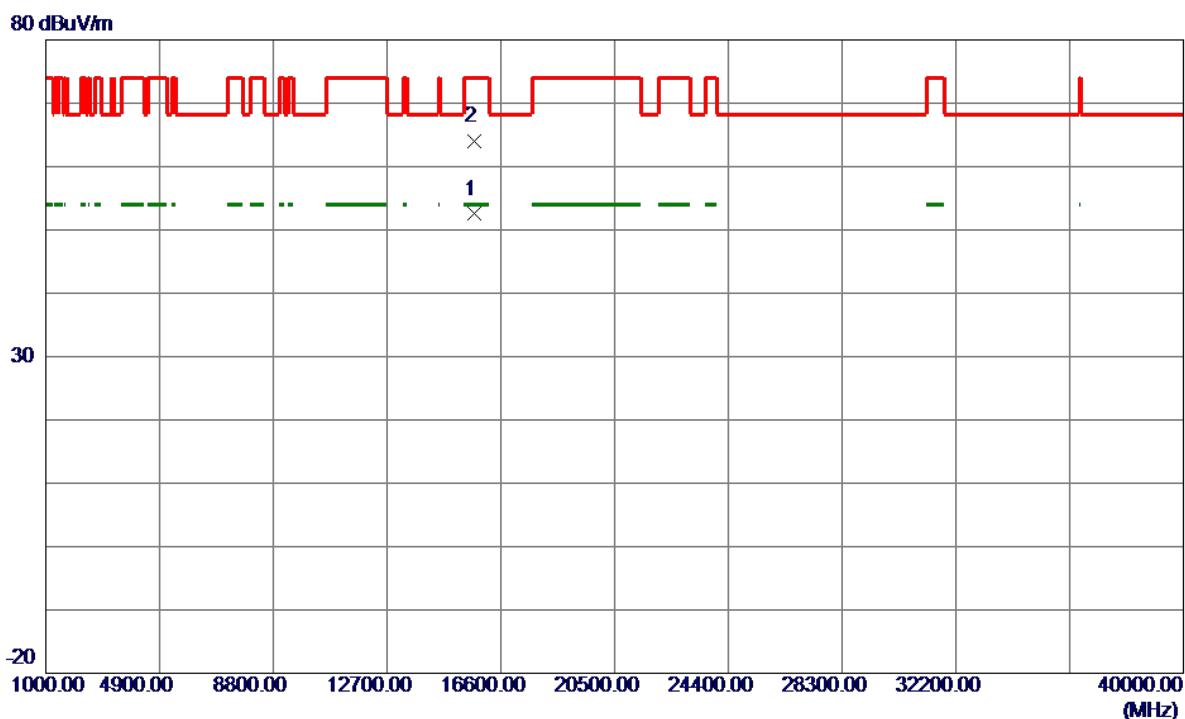
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin	
						Detector	Comment
1 *	5232.2000	56.02	41.52	97.54	54.00	43.54	AVG No Limit
2	5234.8000	64.27	41.53	105.80	68.30	37.50	Peak No Limit

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

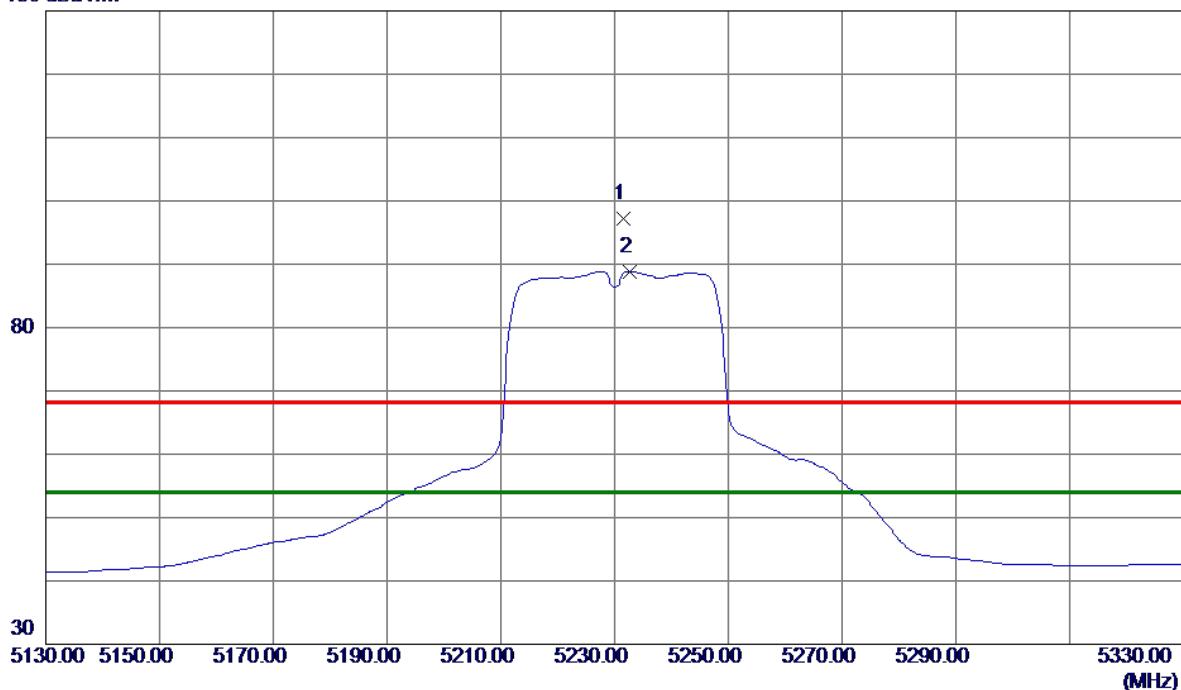
Vertical

No.	Freq. MHz	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	15695.2000	29.15	23.35	52.50	54.00	-1.50	AVG	
2	15695.9000	40.58	23.35	63.93	74.00	-10.07	Peak	

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

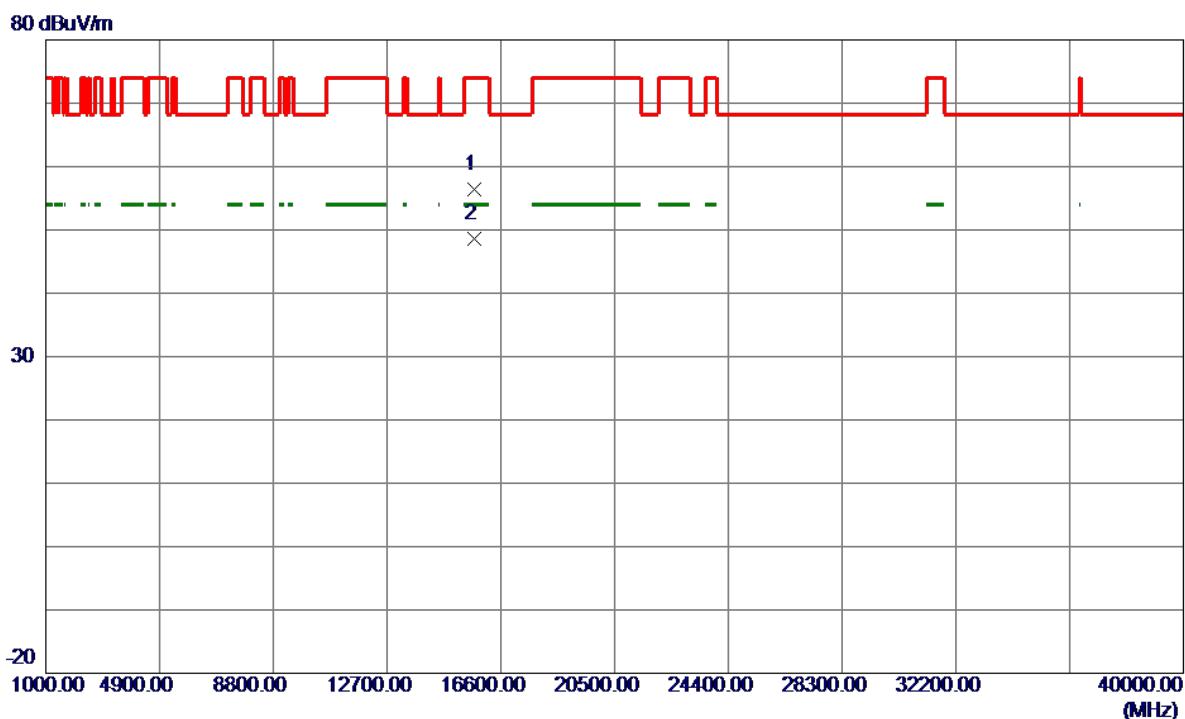
Horizontal

130 dBuV/m



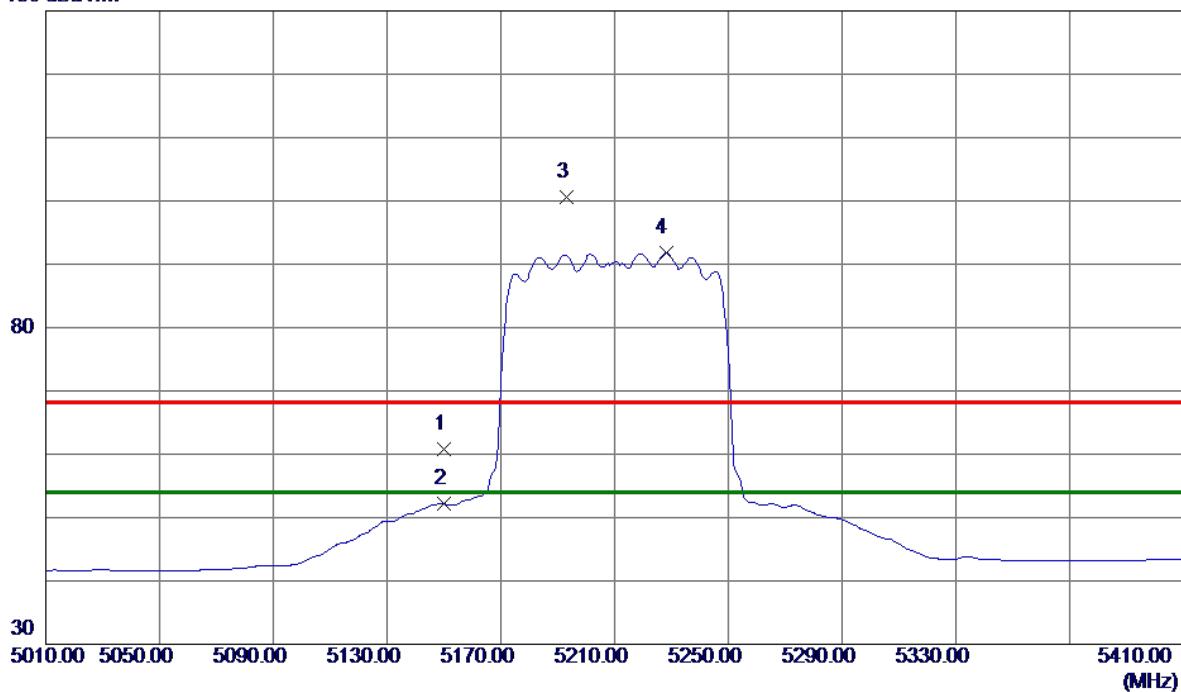
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5231.6000	55.74	41.52	97.26	68.30	28.96	Peak	No Limit
2 *	5232.6000	47.36	41.52	88.88	54.00	34.88	AVG	No Limit

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

Horizontal

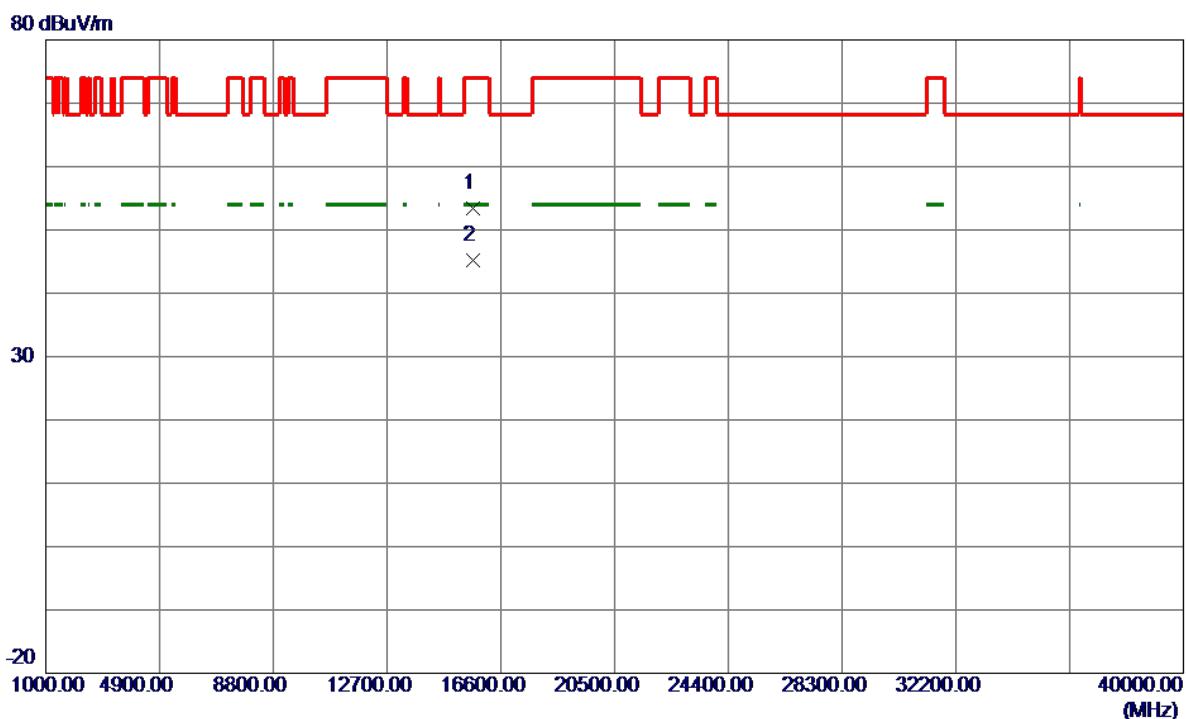
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15695.7000	33.06	23.35	56.41	74.00	-17.59	Peak	
2 *	15695.9000	25.24	23.35	48.59	54.00	-5.41	AVG	

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

Vertical**130 dBuV/m**

No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	19.79	41.10	60.89	68.30	-7.41	Peak	
2	5150.0000	11.06	41.10	52.16	54.00	-1.84	Avg	
3	5193.2000	59.25	41.32	100.57	68.30	32.27	Peak	No Limit
4 *	5228.0000	50.28	41.50	91.78	54.00	37.78	Avg	No Limit

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

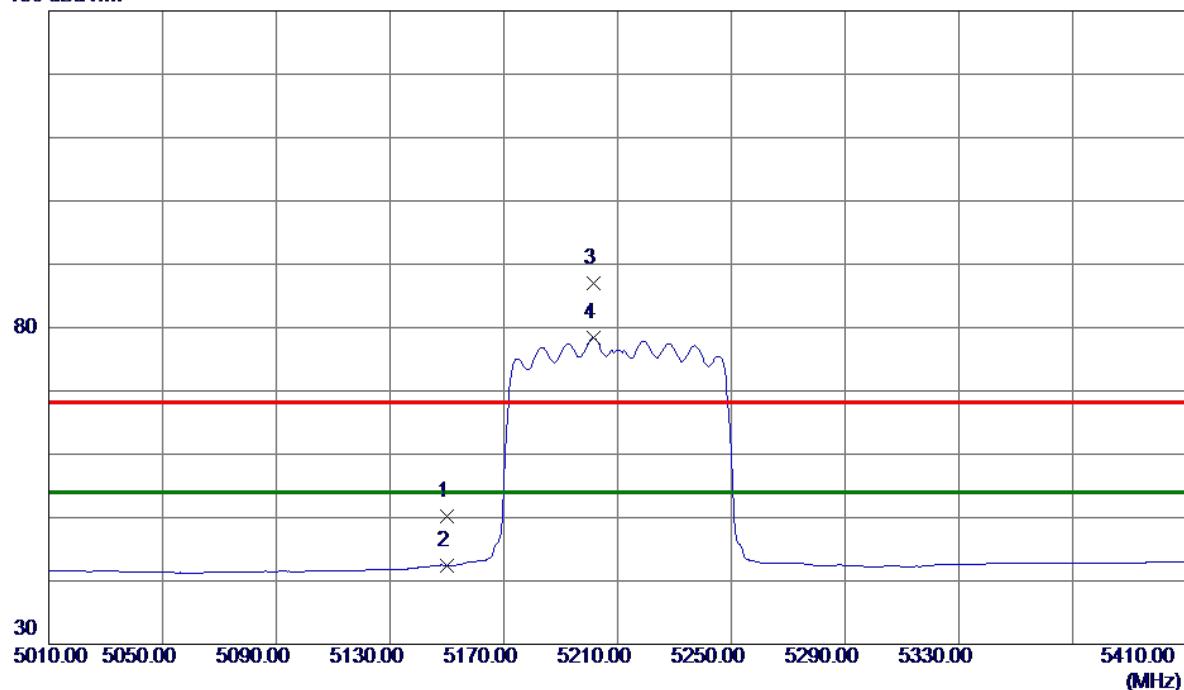
Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15629.6500	30.10	23.32	53.42	74.00	-20.58	Peak	
2 *	15629.8000	21.87	23.32	45.19	54.00	-8.81	AVG	

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

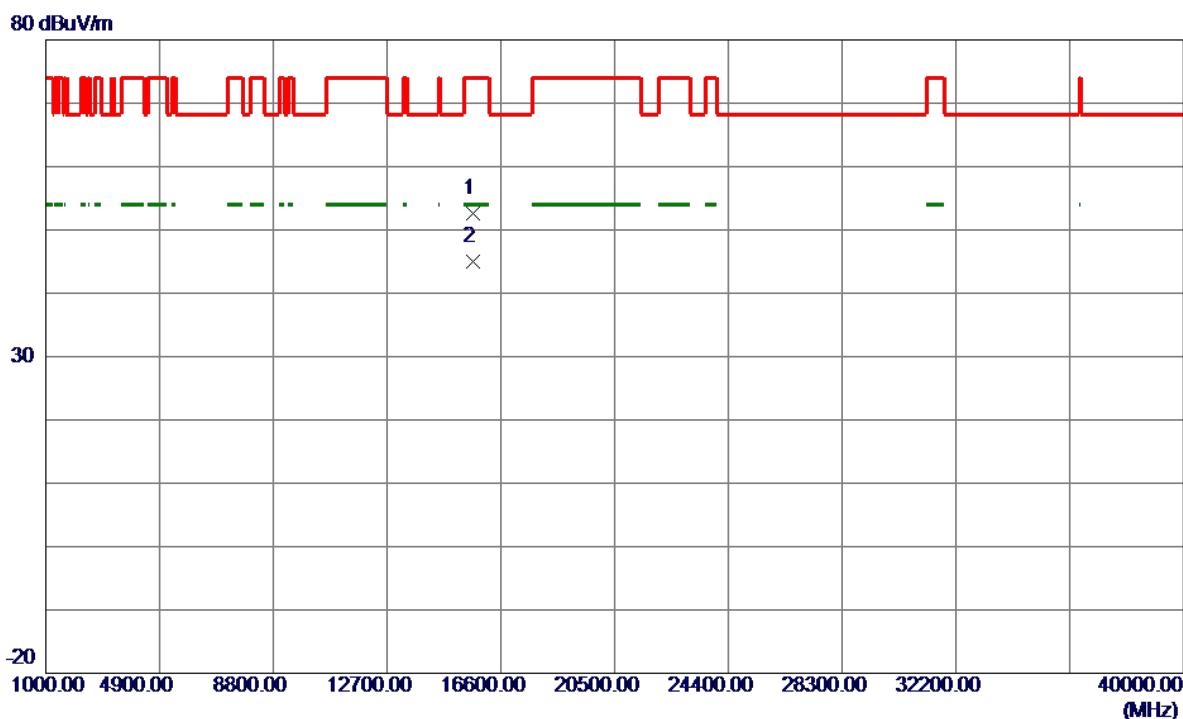
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5150.0000	9.10	41.10	50.20	68.30	-18.10	Peak	
2	5150.0000	1.35	41.10	42.45	54.00	-11.55	AVG	
3	5201.6000	45.61	41.36	86.97	68.30	18.67	Peak	No Limit
4 *	5201.6000	36.97	41.36	78.33	54.00	24.33	AVG	No Limit

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

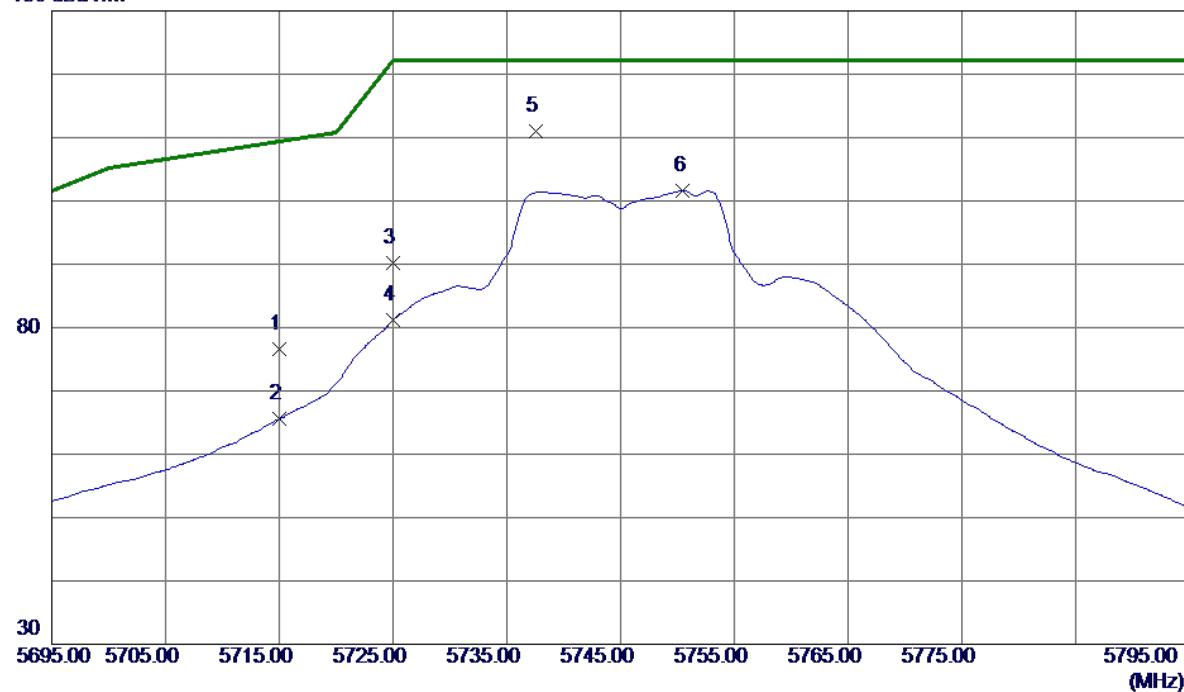
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	15629.9000	29.24	23.32	52.56	74.00	-21.44	Peak	
2 *	15630.0000	21.62	23.32	44.94	54.00	-9.06	AVG	

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

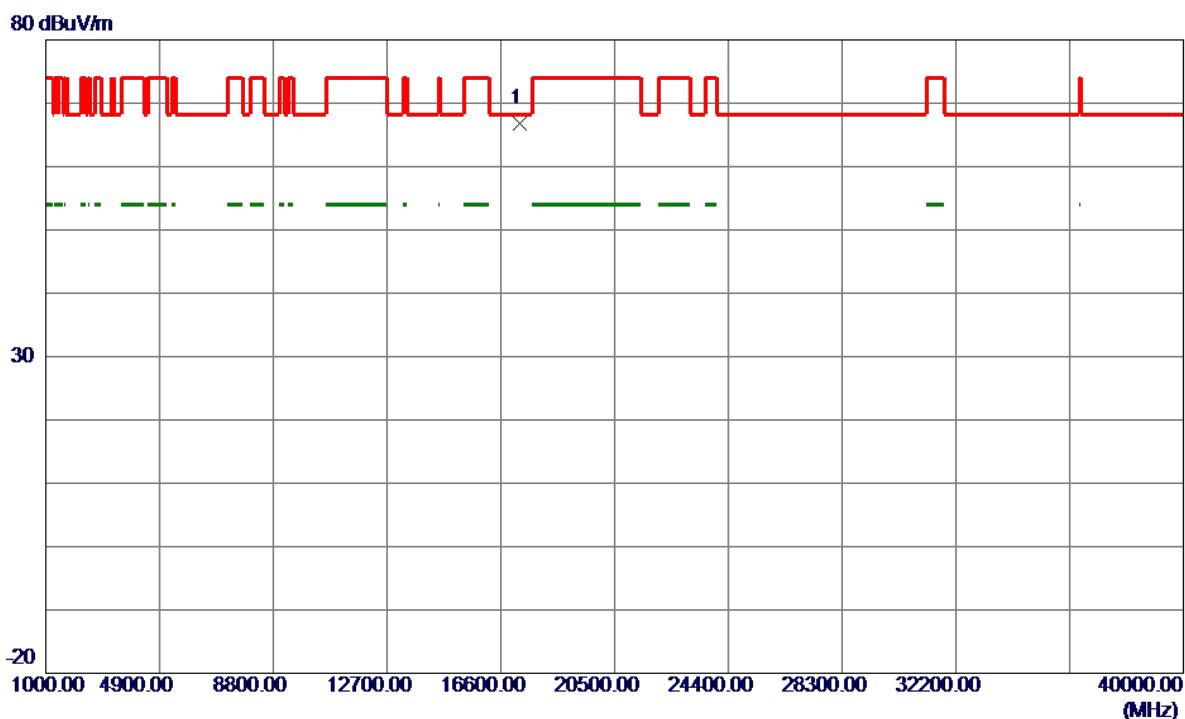
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5715.0000	33.00	43.53	76.53	109.40	-32.87	Avg	
2	5715.0000	22.02	43.53	65.55	109.40	-43.85	Avg	
3	5725.0000	46.60	43.56	90.16	122.20	-32.04	Peak	
4	5725.0000	37.63	43.56	81.19	122.20	-41.01	Avg	
5 *	5737.6000	67.31	43.60	110.91	122.20	-11.29	Peak	
6	5750.5000	57.97	43.64	101.61	122.20	-20.59	Avg	

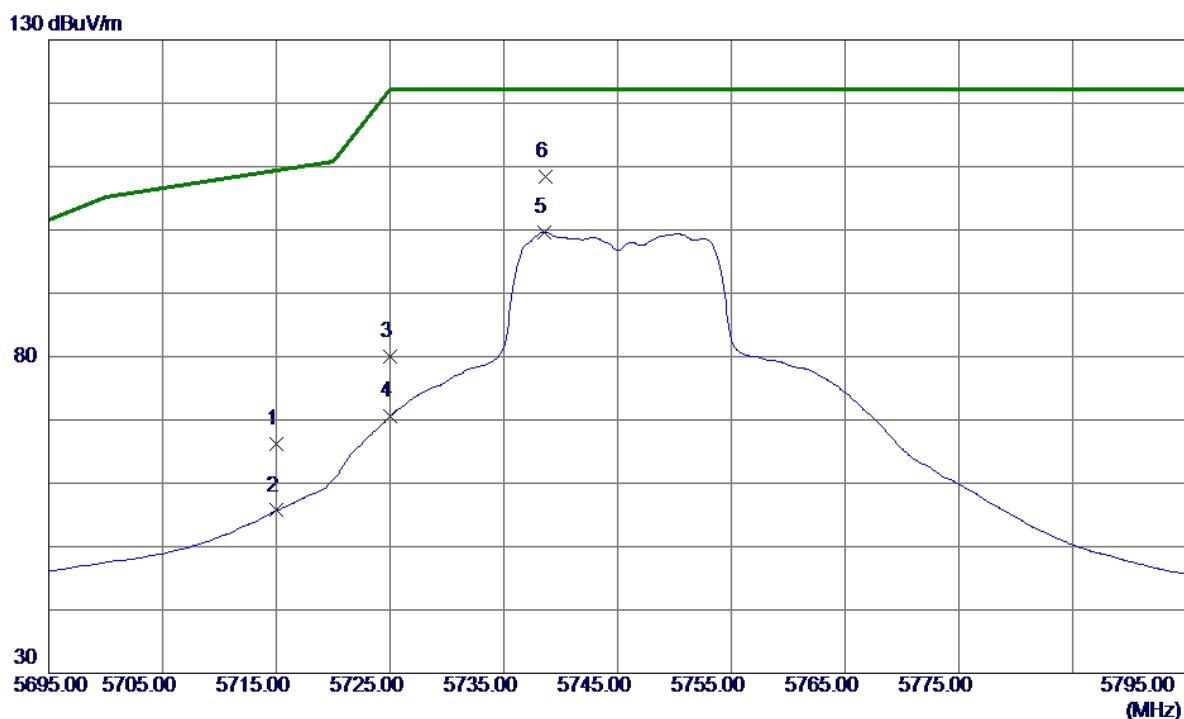
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17235.6000	43.69	23.15	66.84	68.30	-1.46	Peak

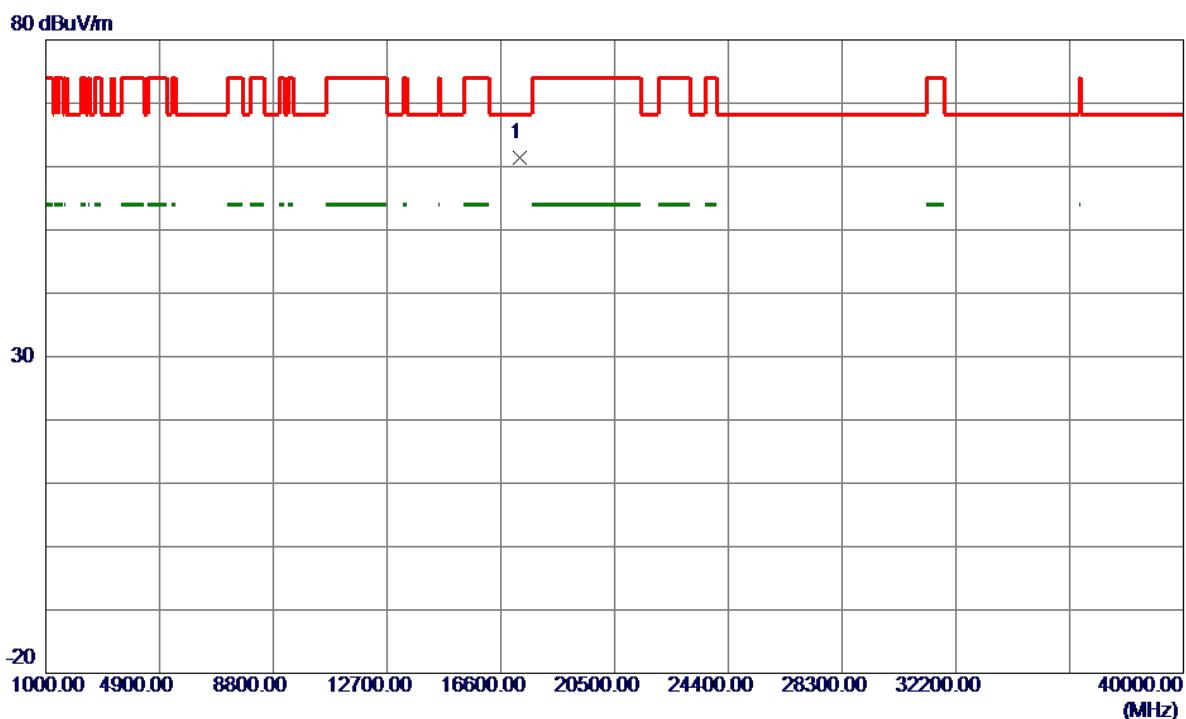
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5715.0000	22.68	43.53	66.21	109.40	-43.19	Peak	
2	5715.0000	12.17	43.53	55.70	109.40	-53.70	Avg	
3	5725.0000	36.49	43.56	80.05	122.20	-42.15	Peak	
4	5725.0000	27.03	43.56	70.59	122.20	-51.61	Avg	
5	5738.6000	56.04	43.60	99.64	122.20	-22.56	Avg	
6 *	5738.7000	64.78	43.60	108.38	122.20	-13.82	Peak	

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

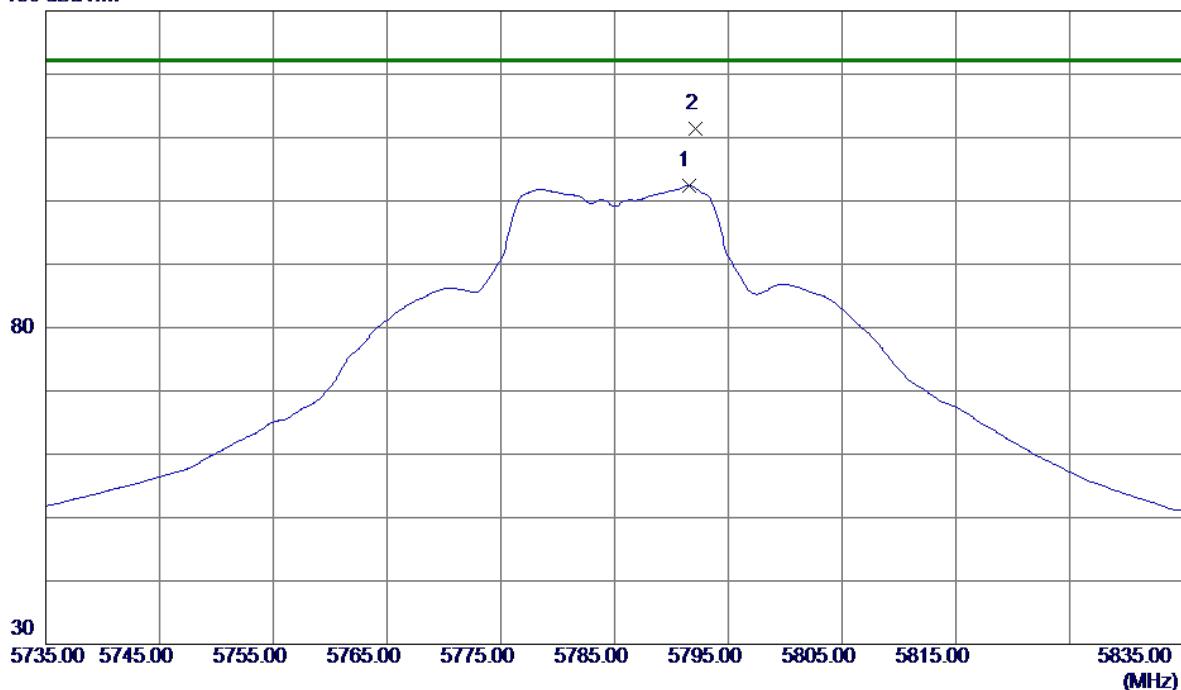
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17235.6500	38.30	23.15	61.45	68.30	-6.85	Peak

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

Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5791.5000	58.67	43.76	102.43	122.20	-19.77	AVG	
2 *	5792.1000	67.64	43.76	111.40	122.20	-10.80	Peak	

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

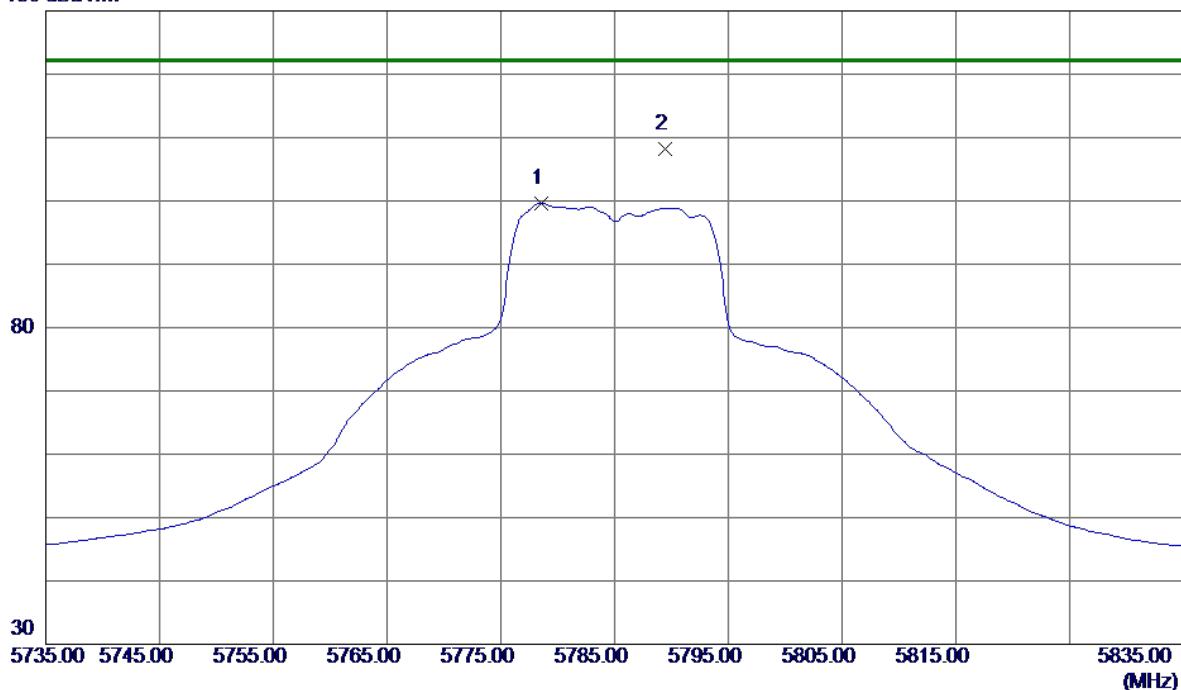
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17357.5500	42.82	23.30	66.12	68.30	-2.18	Peak

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

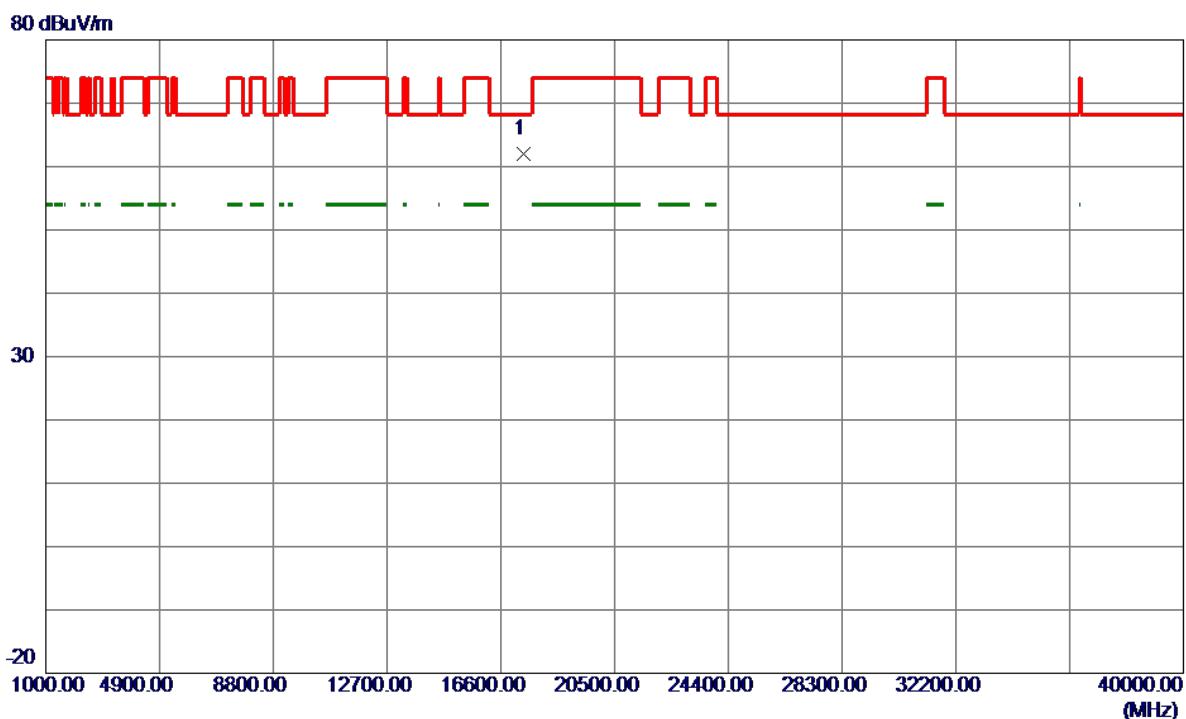
Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5778.6000	55.94	43.72	99.66	122.20	-22.54	AVG	
2 *	5789.4000	64.47	43.75	108.22	122.20	-13.98	Peak	

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

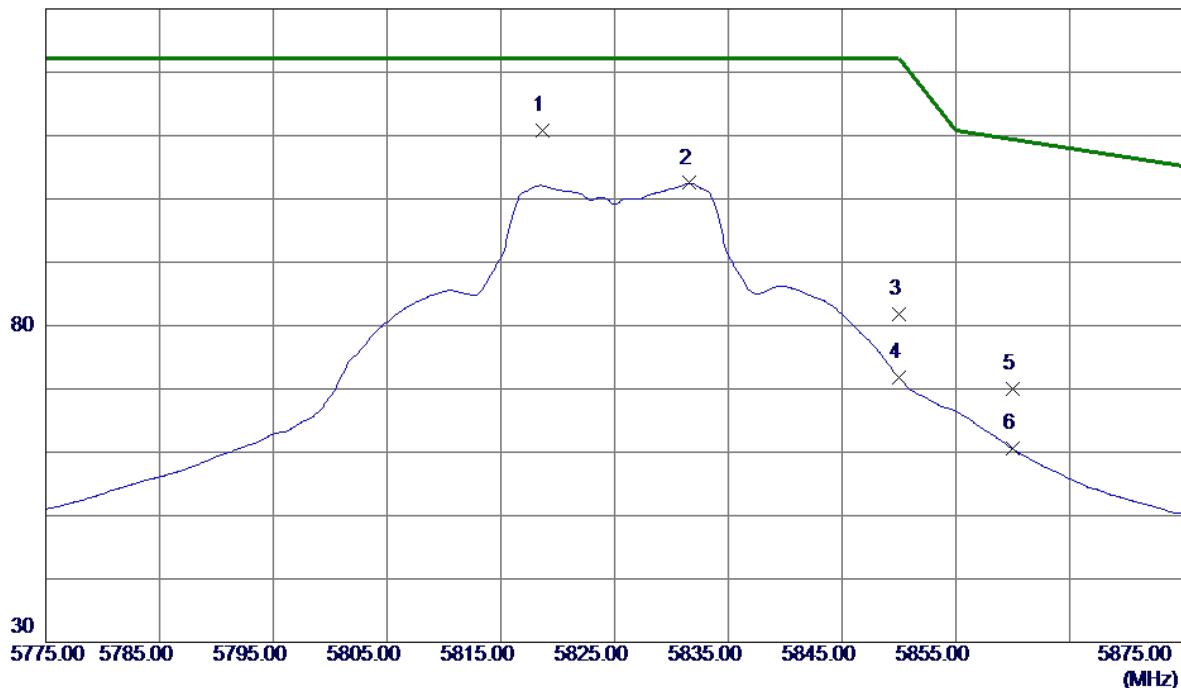
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17358.4500	38.66	23.30	61.96	68.30	-6.34	Peak

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

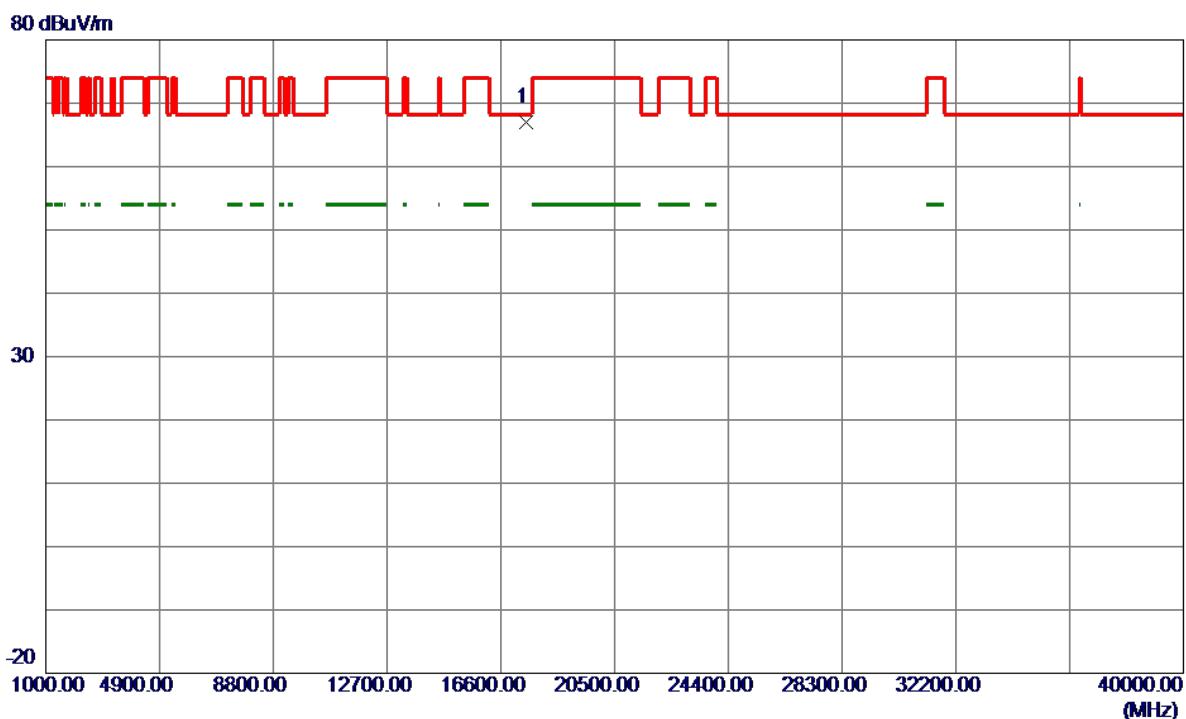
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5818.7000	67.03	43.84	110.87	122.20	-11.33	Peak	
2	5831.6000	58.62	43.88	102.50	122.20	-19.70	Avg	
3	5850.0000	37.85	43.94	81.79	122.20	-40.41	Peak	
4	5850.0000	27.82	43.94	71.76	122.20	-50.44	Avg	
5	5860.0000	26.11	43.97	70.08	109.40	-39.32	Peak	
6	5860.0000	16.55	43.97	60.52	109.40	-48.88	Avg	

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

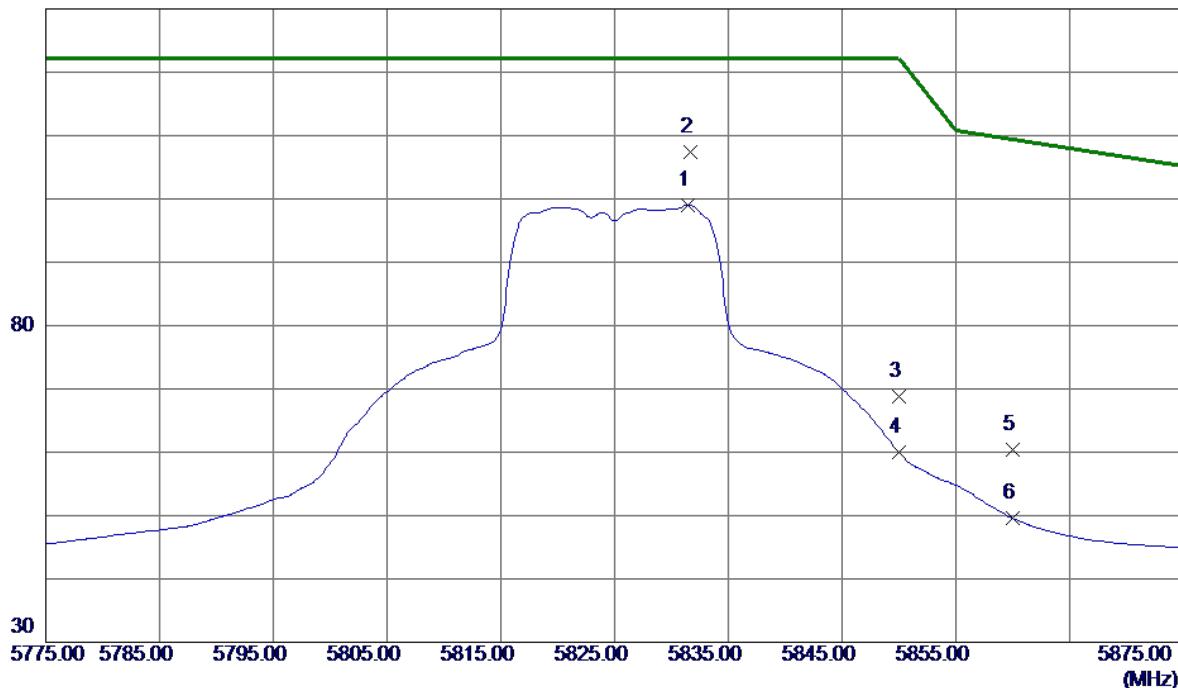
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17473.9000	43.54	23.44	66.98	68.30	-1.32	Peak

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

Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5831.4000	55.20	43.88	99.08	122.20	-23.12	Avg	
2 *	5831.7000	63.44	43.88	107.32	122.20	-14.88	Peak	
3	5850.0000	24.86	43.94	68.80	122.20	-53.40	Peak	
4	5850.0000	16.05	43.94	59.99	122.20	-62.21	Avg	
5	5860.0000	16.44	43.97	60.41	109.40	-48.99	Peak	
6	5860.0000	5.56	43.97	49.53	109.40	-59.87	Avg	

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

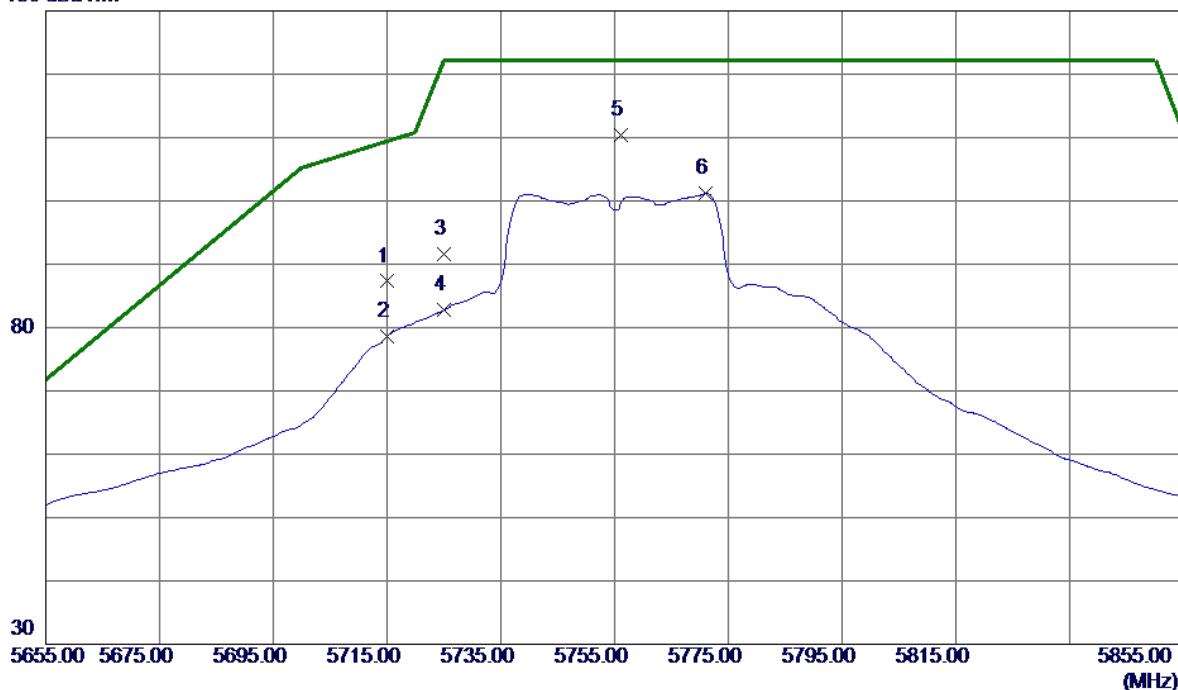
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17463.9000	39.04	23.43	62.47	68.30	-5.83	Peak

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

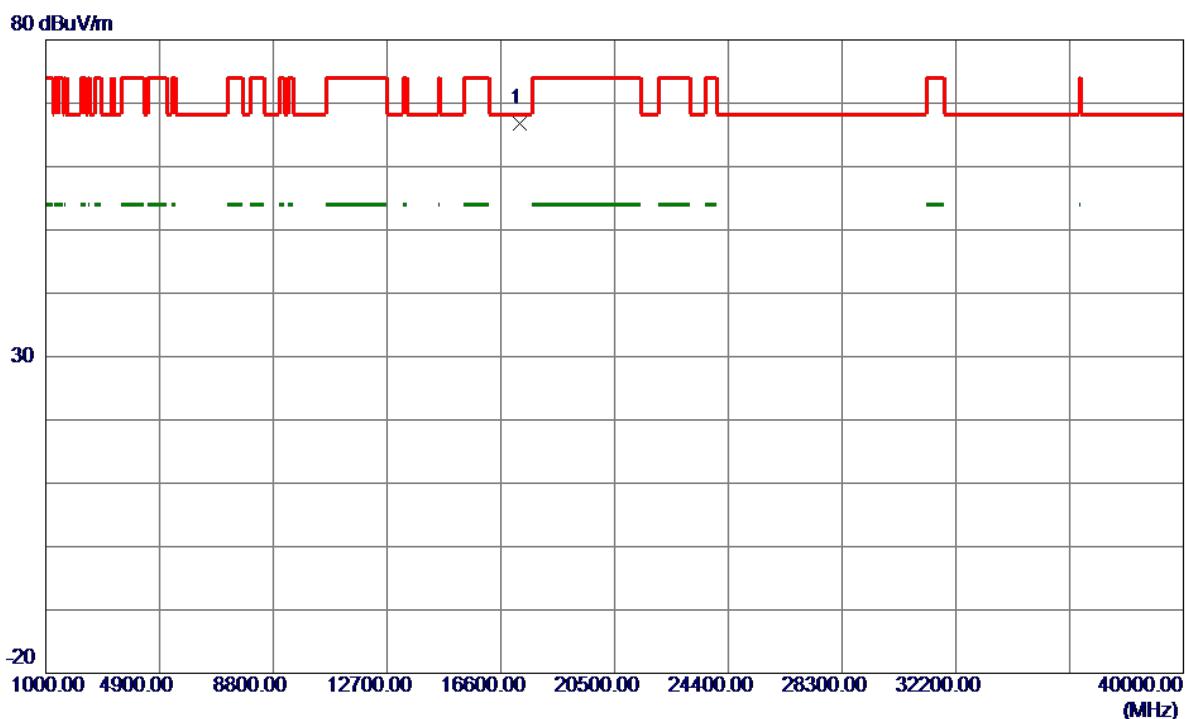
Vertical

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	43.77	43.53	87.30	109.40	-22.10	Peak	
2	5715.0000	35.07	43.53	78.60	109.40	-30.80	Avg	
3	5725.0000	47.96	43.56	91.52	122.20	-30.68	Peak	
4	5725.0000	39.22	43.56	82.78	122.20	-39.42	Avg	
5 *	5756.2000	66.81	43.65	110.46	122.20	-11.74	Peak	
6	5771.0000	57.45	43.70	101.15	122.20	-21.05	Avg	

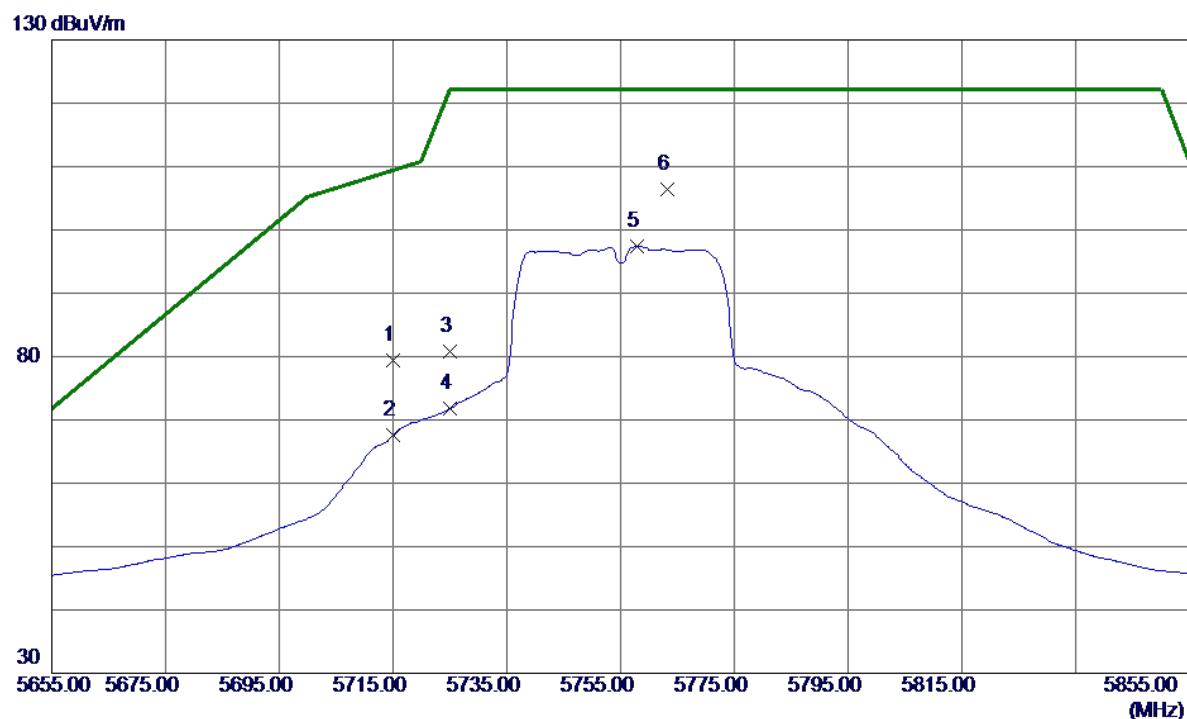
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	17251.8500	43.69	23.17	66.86	68.30	-1.44	Peak	

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

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5715.0000	35.93	43.53	79.46	109.40	-29.94	Peak	
2	5715.0000	23.99	43.53	67.52	109.40	-41.88	Avg	
3	5725.0000	37.32	43.56	80.88	122.20	-41.32	Peak	
4	5725.0000	28.25	43.56	71.81	122.20	-50.39	Avg	
5	5757.8000	53.76	43.66	97.42	122.20	-24.78	Avg	
6 *	5763.2000	62.64	43.67	106.31	122.20	-15.89	Peak	

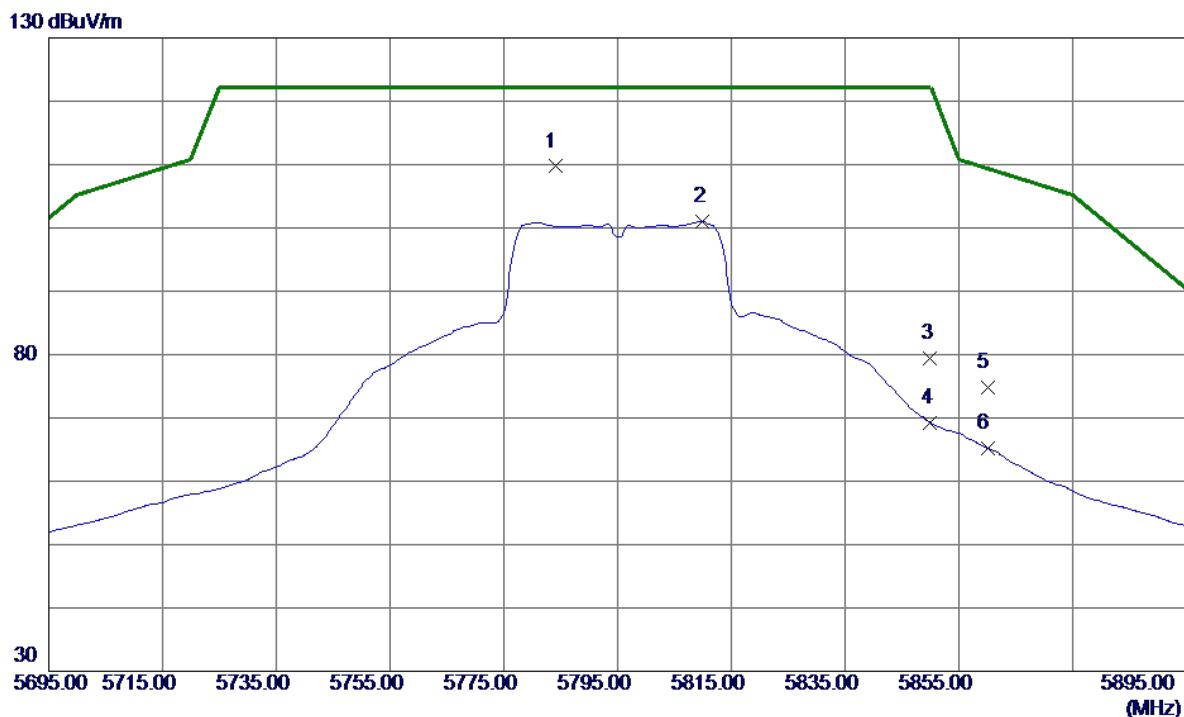
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17258.2500	39.62	23.18	62.80	68.30	-5.50	Peak	

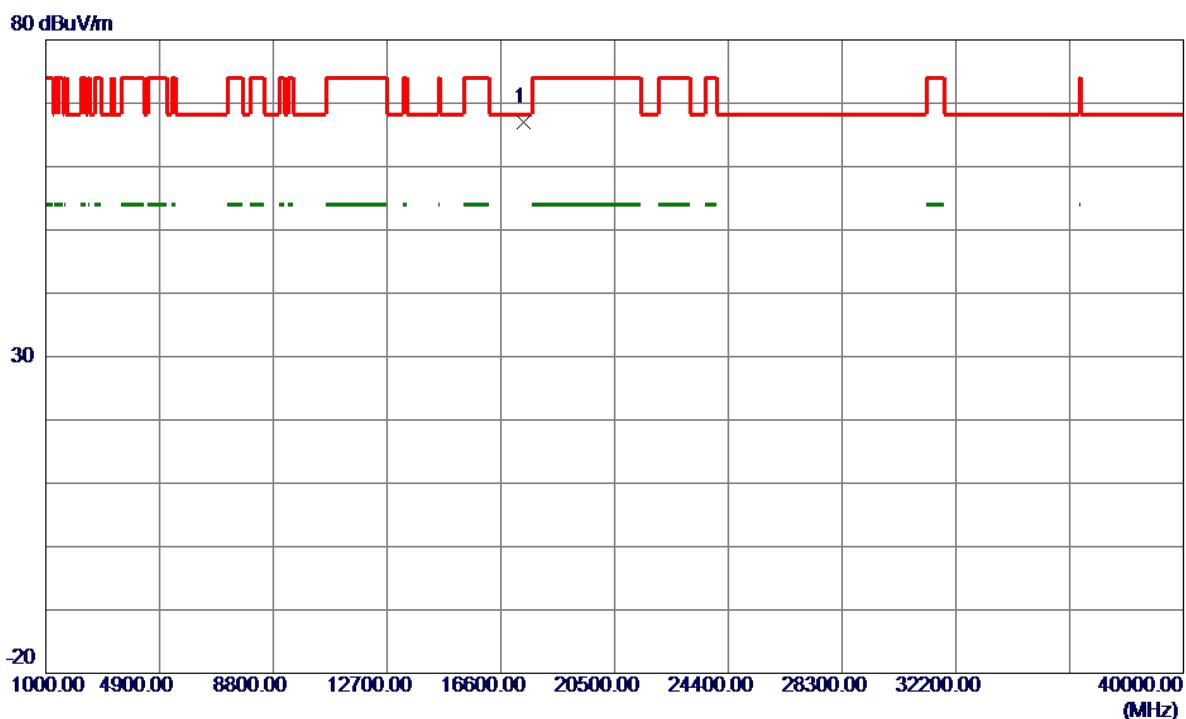
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1 *	5784.0000	65.96	43.74	109.70	122.20	-12.50	Peak	
2	5810.0000	57.21	43.82	101.03	122.20	-21.17	Avg	
3	5850.0000	35.37	43.94	79.31	122.20	-42.89	Peak	
4	5850.0000	25.32	43.94	69.26	122.20	-52.94	Avg	
5	5860.0000	30.85	43.97	74.82	109.40	-34.58	Peak	
6	5860.0000	21.27	43.97	65.24	109.40	-44.16	Avg	

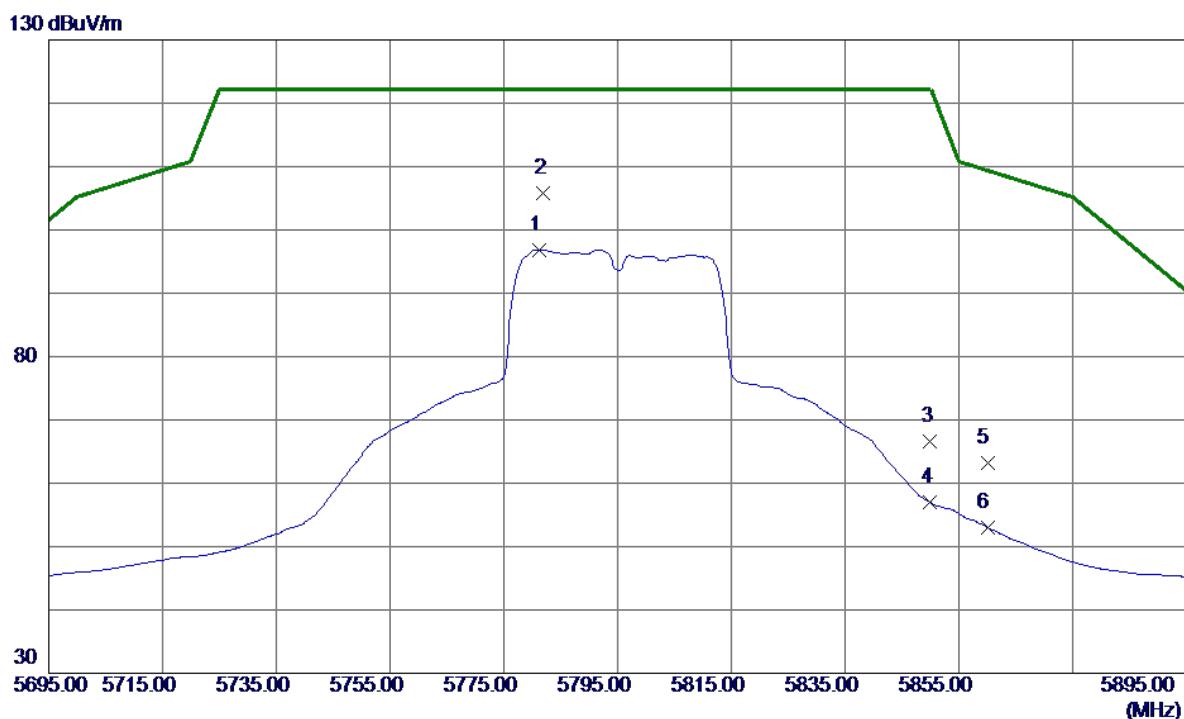
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17375.3500	43.60	23.32	66.92	68.30	-1.38	Peak

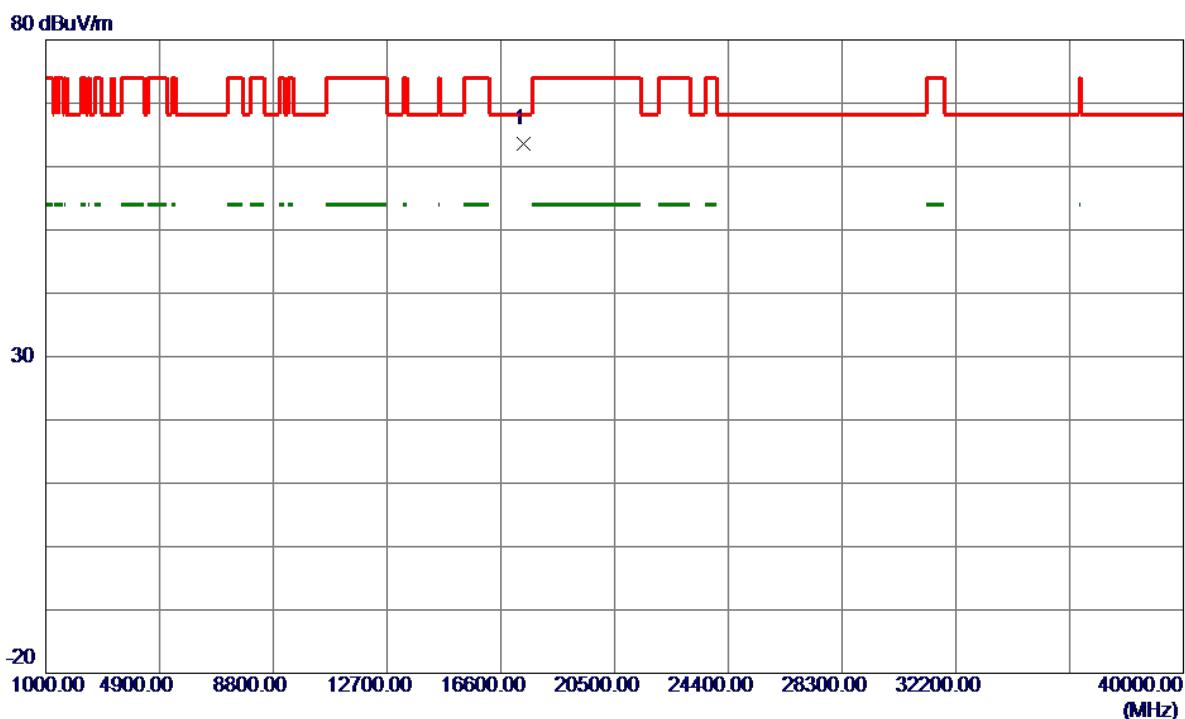
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Margin	
							Detector	Comment
1	5781.2000	53.09	43.73	96.82	122.20	-25.38	Avg	
2 *	5782.0000	62.10	43.73	105.83	122.20	-16.37	Peak	
3	5850.0000	22.67	43.94	66.61	122.20	-55.59	Peak	
4	5850.0000	12.98	43.94	56.92	122.20	-65.28	Avg	
5	5860.0000	19.16	43.97	63.13	109.40	-46.27	Peak	
6	5860.0000	9.09	43.97	53.06	109.40	-56.34	Avg	

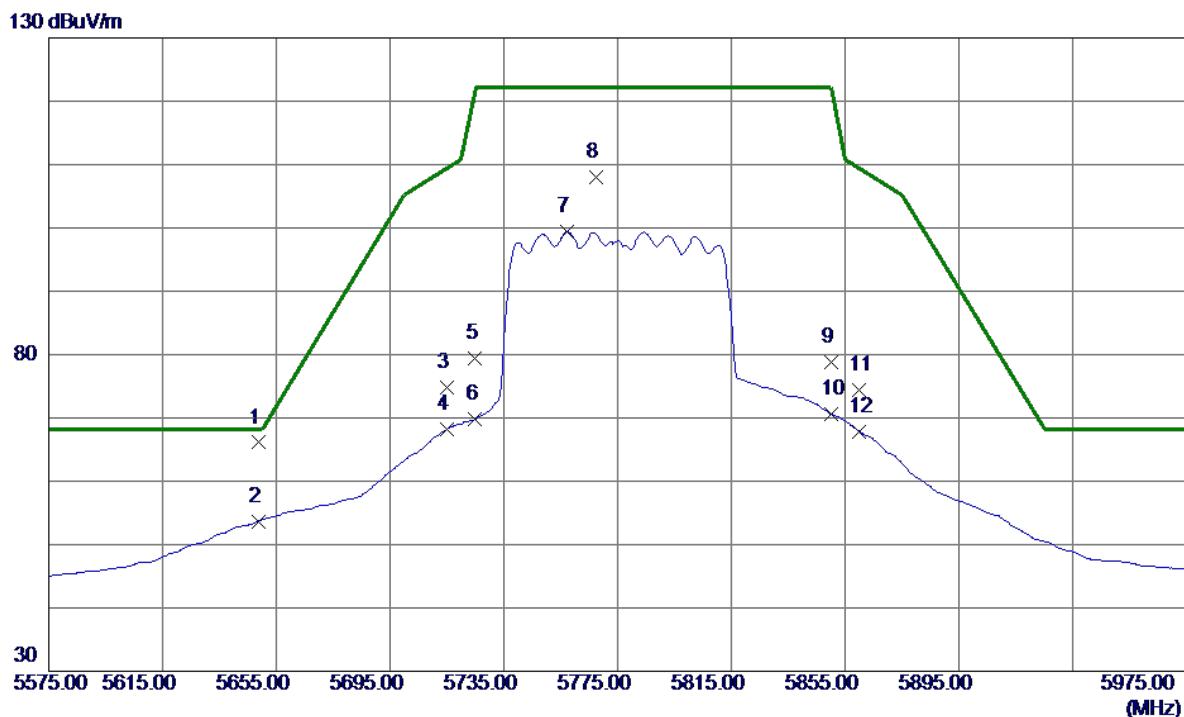
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	17378.5500	40.19	23.33	63.52	68.30	-4.78	Peak	

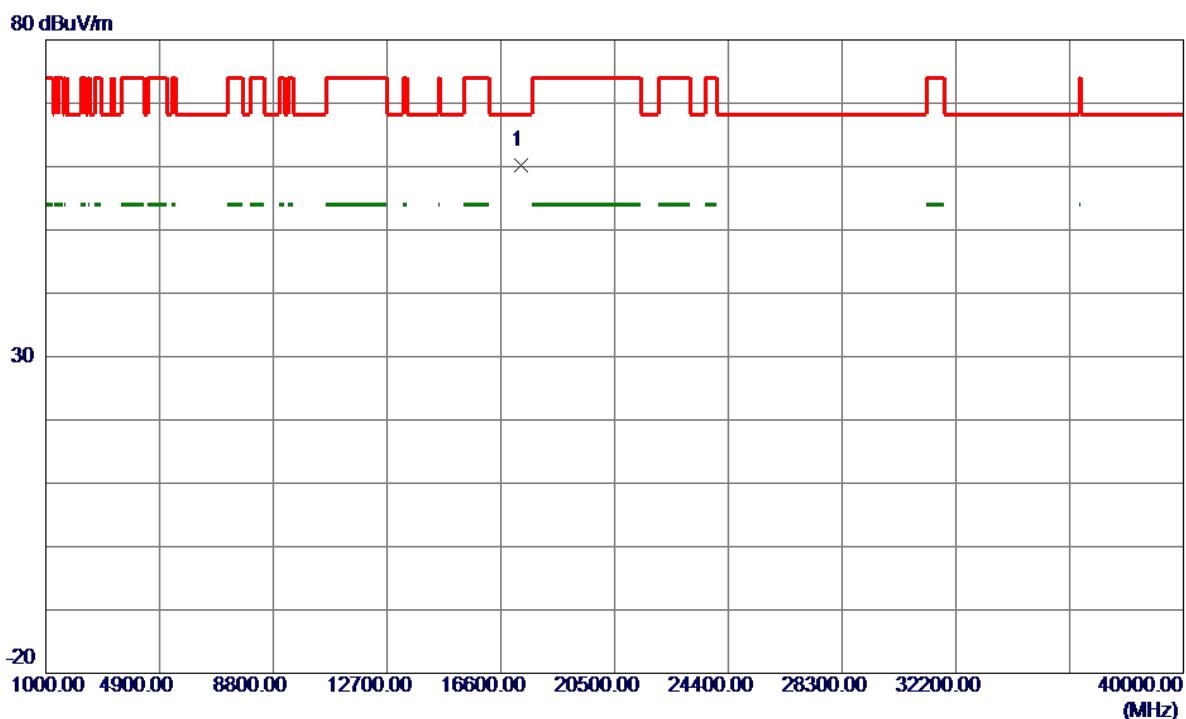
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5648.6000	22.77	43.33	66.10	68.20	-2.10	Peak	
2	5648.6000	10.34	43.33	53.67	68.20	-14.53	AVG	
3	5715.0000	31.24	43.53	74.77	109.40	-34.63	Peak	
4	5715.0000	24.70	43.53	68.23	109.40	-41.17	AVG	
5	5725.0000	35.78	43.56	79.34	122.20	-42.86	Peak	
6	5725.0000	26.31	43.56	69.87	122.20	-52.33	AVG	
7	5757.4000	55.76	43.66	99.42	122.20	-22.78	AVG	
8	5767.4000	64.23	43.69	107.92	122.20	-14.28	Peak	
9	5850.0000	34.92	43.94	78.86	122.20	-43.34	Peak	
10	5850.0000	26.60	43.94	70.54	122.20	-51.66	AVG	
11	5860.0000	30.50	43.97	74.47	109.40	-34.93	Peak	
12	5860.0000	23.84	43.97	67.81	109.40	-41.59	AVG	

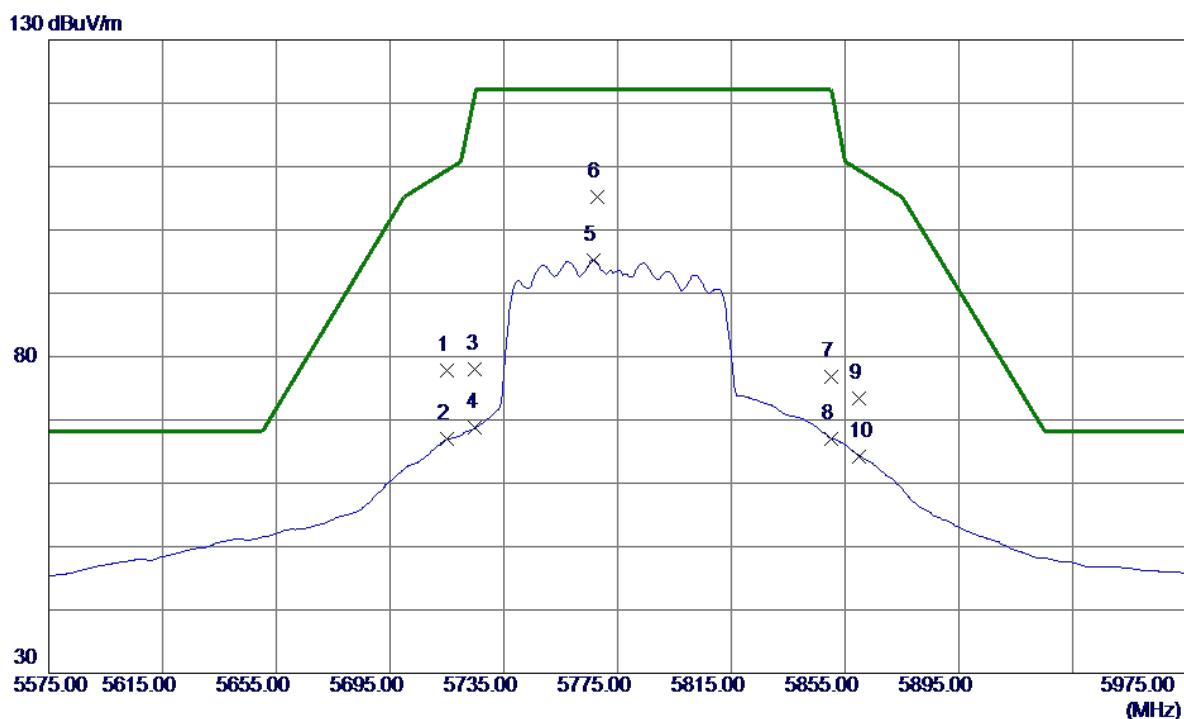
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector Comment
1 *	17299.8500	36.90	23.23	60.13	68.30	-8.17	Peak

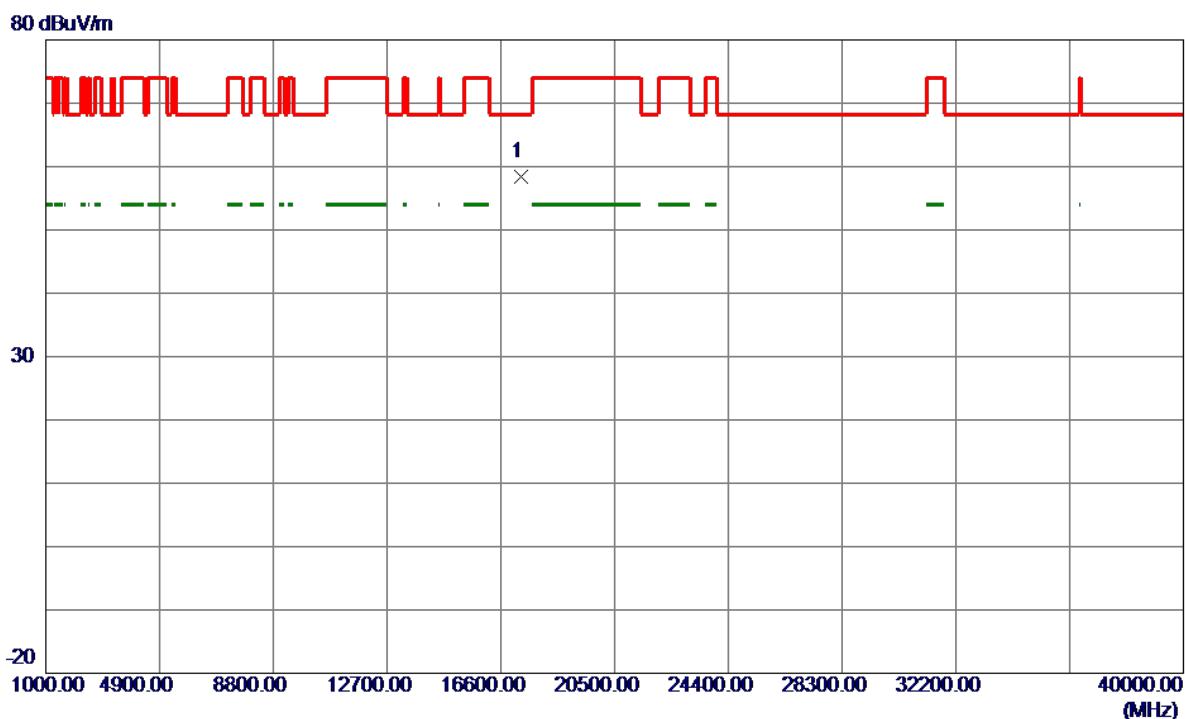
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector		Comment
							Detector	Comment	
1	5715.0000	34.27	43.53	77.80	109.40	-31.60	Peak		
2	5715.0000	23.39	43.53	66.92	109.40	-42.48	AVG		
3	5725.0000	34.44	43.56	78.00	122.20	-44.20	Peak		
4	5725.0000	25.17	43.56	68.73	122.20	-53.47	AVG		
5	5766.6000	51.51	43.69	95.20	122.20	-27.00	AVG		
6 *	5767.8000	61.52	43.69	105.21	122.20	-16.99	Peak		
7	5850.0000	32.91	43.94	76.85	122.20	-45.35	Peak		
8	5850.0000	23.13	43.94	67.07	122.20	-55.13	AVG		
9	5860.0000	29.42	43.97	73.39	109.40	-36.01	Peak		
10	5860.0000	20.31	43.97	64.28	109.40	-45.12	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 *	17314.6500	35.12	23.25	58.37	68.30	-9.93	Peak

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

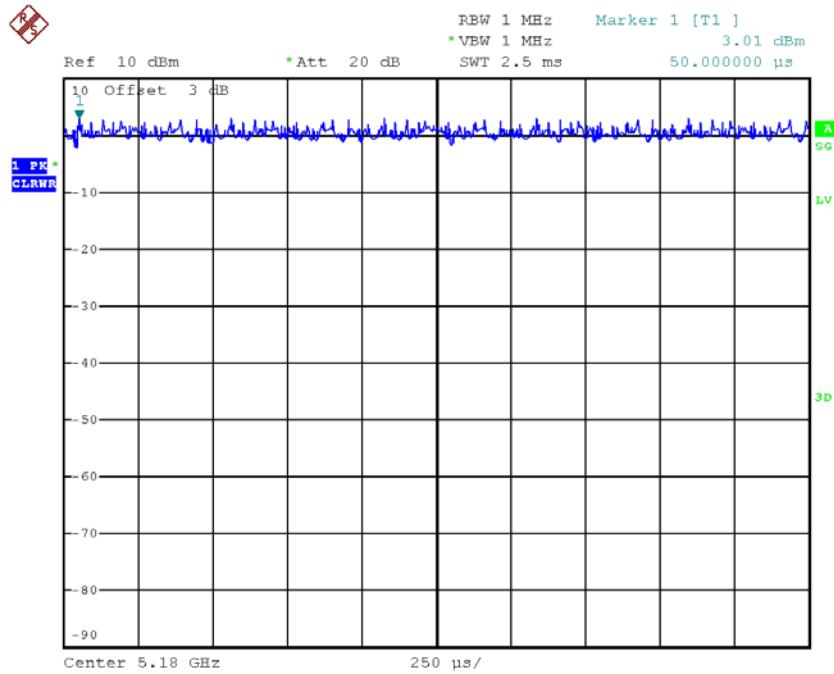
T_{ON} : 100000.00 msec

T_{Total} : 100000.00 msec

Duty cycle: 100.00%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 5.DEC.2017 09:57:04

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

TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

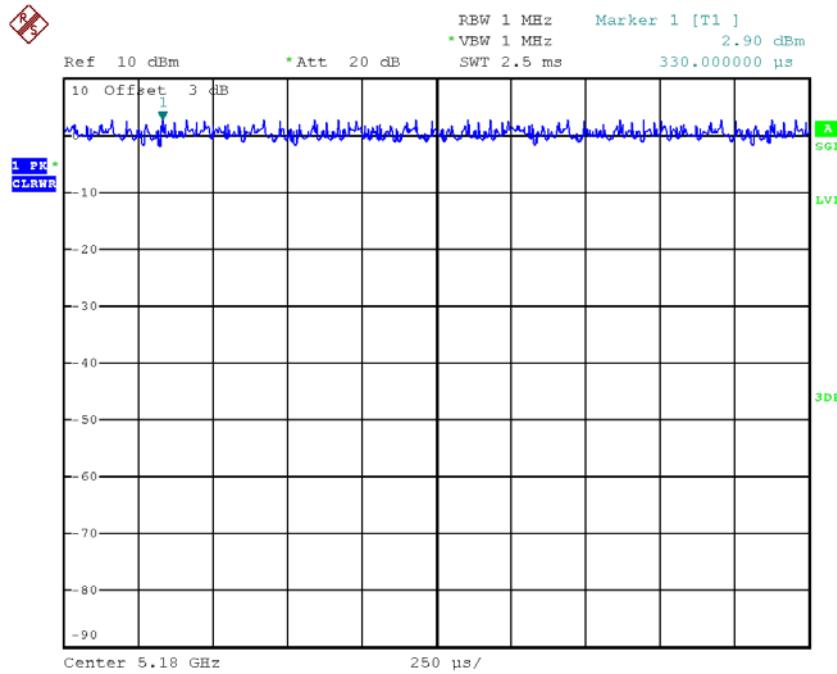
T_{ON} : 100000.00 msec

T_{Total} : 100000.00 msec

Duty cycle: 100.00%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 5.DEC.2017 09:58:31

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

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

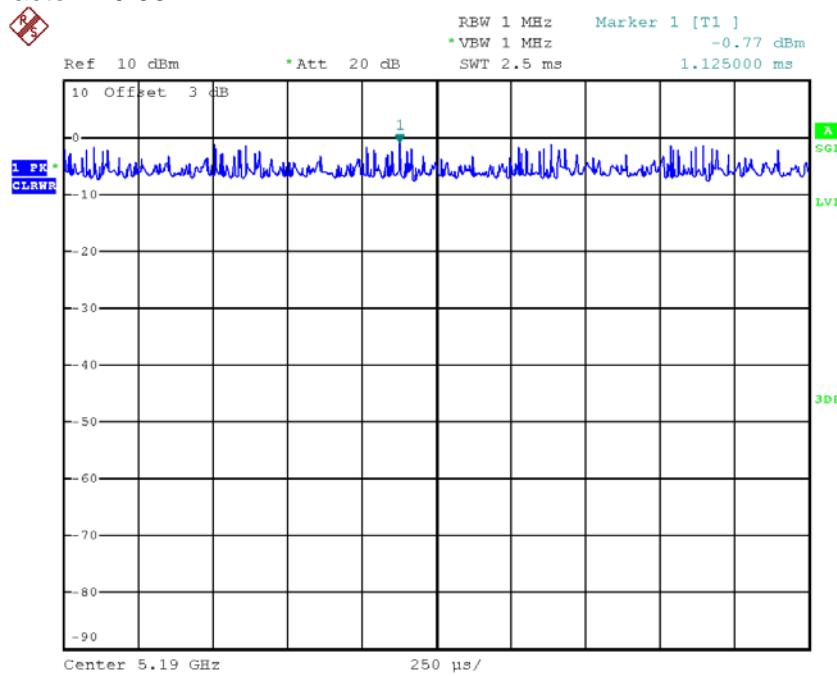
T_{ON} : 100000.00 msec

T_{Total} : 100000.00 msec

Duty cycle: 100.00%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

Duty Factor = 0.00



Date: 5.DEC.2017 09:59:54

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

TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

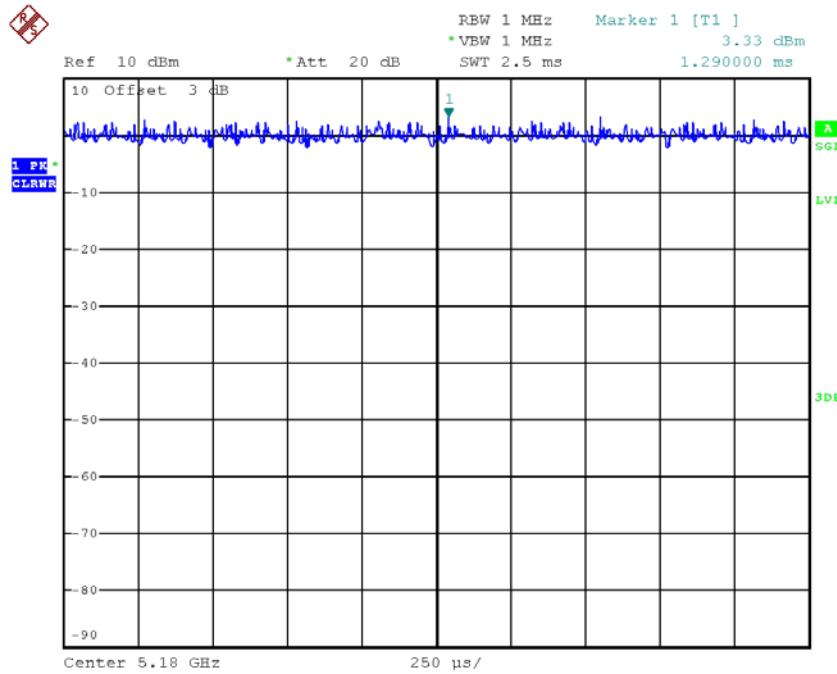
T_{ON} : 100000.00 msec

T_{Total} : 100000.00 msec

Duty cycle: 100.00%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 5.DEC.2017 09:59:38

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

TX AC40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

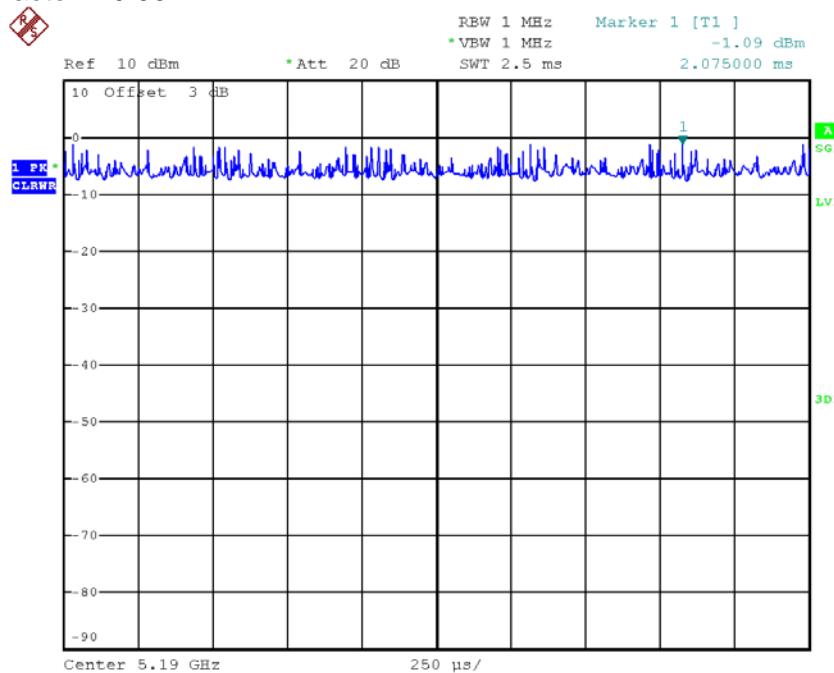
T_{ON} : 100000.00 msec

T_{Total} : 100000.00 msec

Duty cycle: 100.00%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 5.DEC.2017 10:00:06

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

TX AC80 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

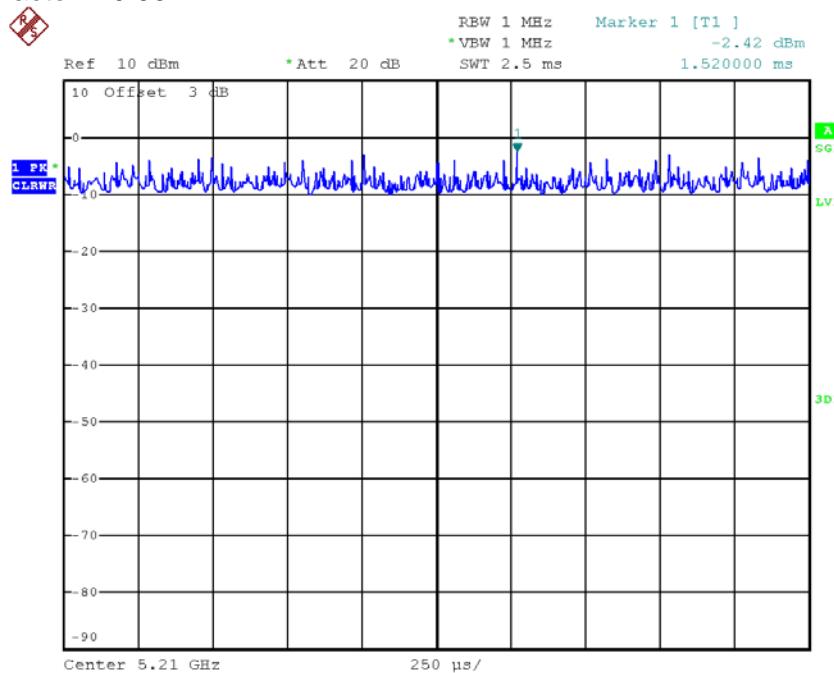
T_{ON} : 100000.00 msec

T_{Total} : 100000.00 msec

Duty cycle: 100.00%

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

$$\text{Duty Factor} = 0.00$$



Date: 5.DEC.2017 10:00:29

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