

FCC Radio Test Report

FCC ID: TE7T4UV3

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

Project No. : 1712C211
Equipment : AC1300 High Gain Wireless MU-MIMO USB Adapter
Test Model : Archer T4U
Series Model : N/A
Applicant : TP-Link Technologies Co., Ltd.
Address : Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park, Nanshan Shenzhen, 518057 China

Date of Receipt : Dec. 28, 2017
Date of Test : Dec. 28, 2017 ~ Jan. 16, 2018
Issued Date : Jan. 18, 2018
Tested by : BTL Inc.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1712C211	Original Issue.	Jan. 18, 2018

1. CERTIFICATION

Equipment : AC1300 High Gain Wireless MU-MIMO USB Adapter
Brand Name : tp-link
Test Model : Archer T4U
Series Model : N/A
Applicant : TP-Link Technologies Co., Ltd.
Manufacturer : TP-Link Technologies Co., Ltd.
Address : Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park, Nanshan Shenzhen, 518057 China
Factory : TP-Link Technologies Co., Ltd.
Address : Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park, Nanshan Shenzhen, 518057 China
Date of Test : Dec. 28, 2017 ~ Jan. 16, 2018
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-2-1712C211) 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

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

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1300 High Gain Wireless MU-MIMO USB Adapter	
Brand Name	tp-link	
Test Model	Archer T4U	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	866Mbps
Power Source	Supplied from PC USB port.	
Power Rating	5V DC from USB	
Output Power	Output Power (Max.)for UNII-1	802.11a: 11.52dBm 802.11n (20M): 13.78dBm 802.11n (40M): 13.69dBm 802.11ac (20M): 13.58dBm 802.11ac (40M): 13.60dBm 802.11ac (80M): 13.70dBm
	Output Power (Max.)for UNII-2A	802.11a: 11.49dBm 802.11n (20M): 13.83dBm 802.11n (40M): 13.59dBm 802.11ac (20M): 13.80dBm 802.11ac (40M): 13.68dBm 802.11ac (80M): 13.51dBm
	Output Power (Max.)for UNII-2C	802.11a: 14.71dBm 802.11n (20M): 16.57dBm 802.11n (40M): 16.50dBm 802.11ac (20M): 16.55dBm 802.11ac (40M): 16.58dBm 802.11ac (80M): 16.46dBm
	Output Power (Max.)for UNII-3	802.11a: 13.74dBm 802.11n (20M): 14.73dBm 802.11n (40M): 14.66dBm 802.11ac (20M): 14.54dBm 802.11ac (40M): 14.56dBm 802.11ac (80M): 14.58dBm

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-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
132	5660				
136	5680				
140	5700				

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)
1	N/A	N/A	Internal	N/A	3.4
2	N/A	N/A	Internal	N/A	2.4

Note:

This EUT supports MIMO 2X2, any transmit signals are uncorrelated with each other, so Directional gain=Gant, that is Directional gain =3.4 < 6.

Operating Mode	1TX	2TX
TX Mode		
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 / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)
Mode 25	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 25	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 11	TX AC40 Mode / CH54, CH62 (UNII-2A)
Mode 12	TX AC80 Mode / CH58 (UNII-2A)
Mode 13	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)

Note:

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1 - 1TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5180	5200	5240
A Mode	14	14	15

UNII-2A - 1TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5260	5300	5320
A Mode	12	12	12

UNII-2C - 1TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5500	5580	5700
A Mode	15	15	11

UNII-3 - 1TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5745	5785	5825
A Mode	15	13	10

UNII-1 - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5180	5200	5240
N20 Mode	22	22	22
Frequency (MHz)	5190	5230	
N40 Mode	22	23	

UNII-2A - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5260	5300	5320
N20 Mode	21	20	19
Frequency (MHz)	5270	5310	
N40 Mode	20	18	

UNII-2C - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5500	5580	5700
N20 Mode	19	17	12
Frequency (MHz)	5510	5550	5670
N40 Mode	18	17	13

UNII-3 - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5745	5785	5825
N20 Mode	15	13	11
Frequency (MHz)	5755	5795	
N40 Mode	14	12	

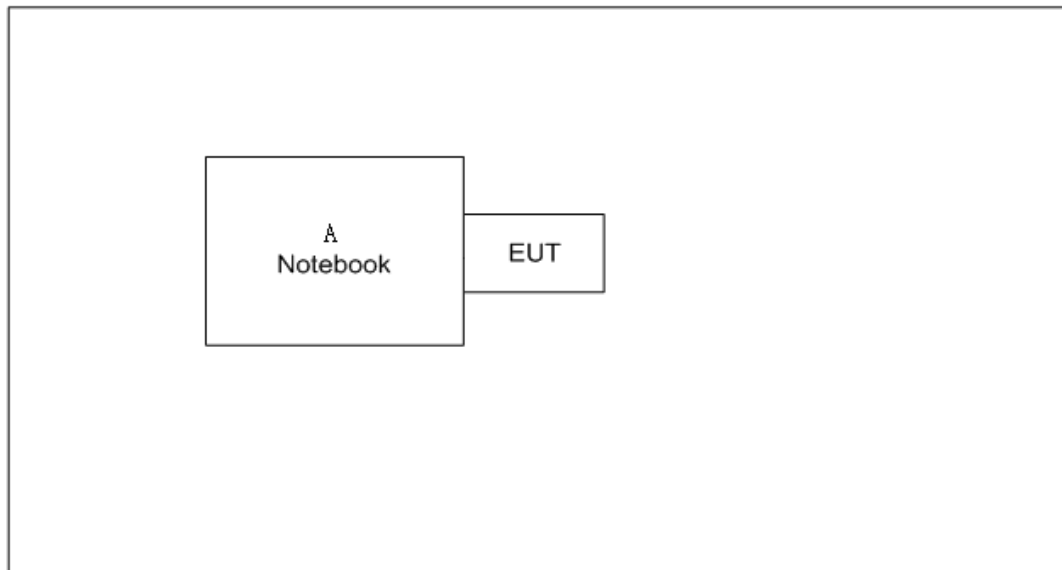
UNII-1 - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5180	5200	5240
AC20 Mode	17	19	19
Frequency (MHz)	5190	5230	
AC40 Mode	20	19	
Frequency (MHz)	5210		
AC80 Mode	18		

UNII-2A - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5260	5300	5320
AC20 Mode	19	17	17
Frequency (MHz)	5270	5310	
AC40 Mode	18	16	
Frequency (MHz)	5290		
AC80 Mode	16		

UNII-2C - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5500	5580	5700
AC20 Mode	20	17	12
Frequency (MHz)	5510	5550	5670
AC40 Mode	19	17	13
Frequency□(MHz)	5530	5610	
AC80 Mode	17	16	

UNII-3 - 2TX			
Test Software Version	Realtek 11ac 8822B USB WLAN MP		
Frequency (MHz)	5745	5785	5825
AC20 Mode	14	10	9
Frequency (MHz)	5755	5795	
AC40 Mode	13	10	
Frequency (MHz)	5775		
AC80 Mode	11		

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	Dell	DCSM	DOC	G7K832X

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

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

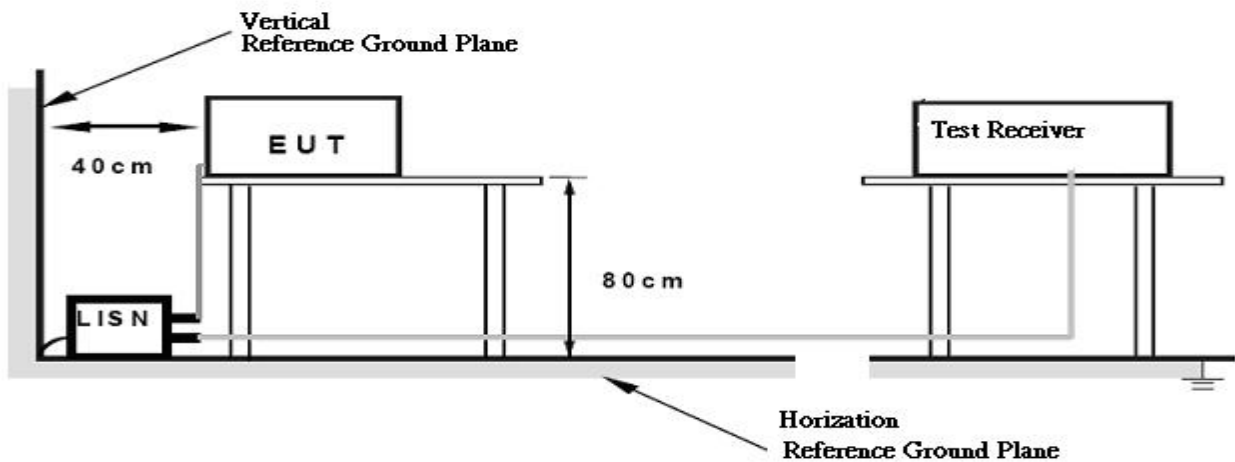
4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

The EUT was programmed to be in continuously transmitting/TX Mode mode.

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “*” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150kHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to

field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

2. According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below 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

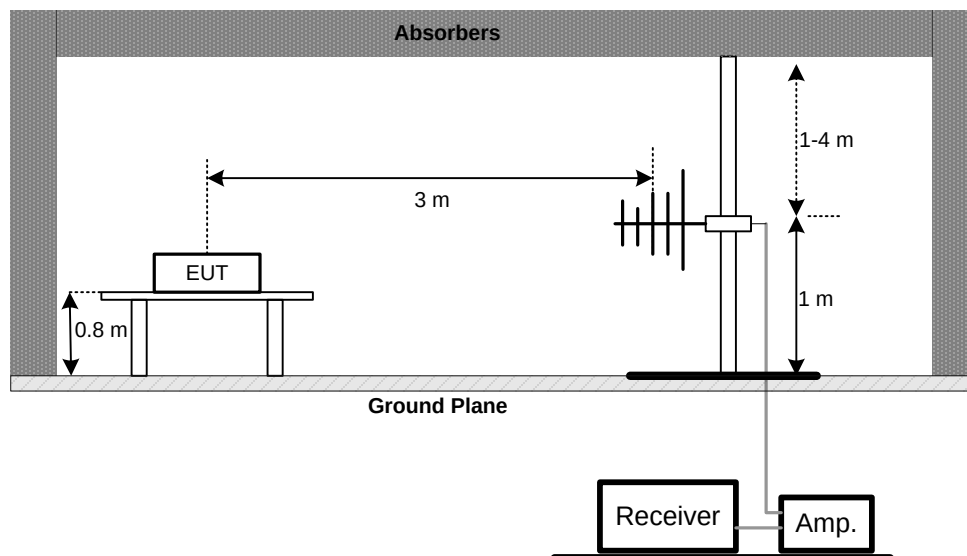
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

4.2.3 DEVIATION FROM TEST STANDARD

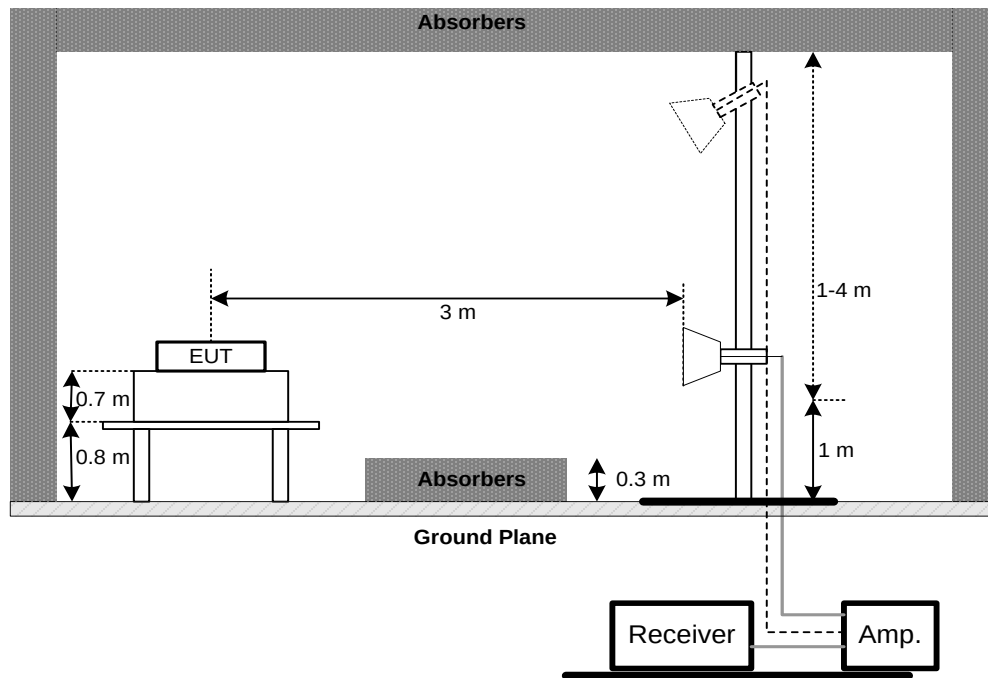
No deviation

4.2.4 TEST SETUP

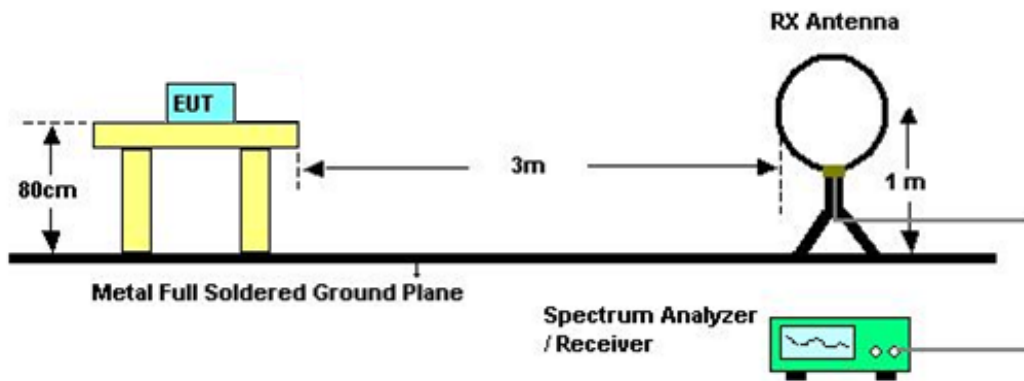
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (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
	26 dB Bandwidth	5250-5350	PASS
	26 dB Bandwidth	5470-5725	PASS
	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS
	250mW (24dBm)	5250-5350	PASS
	250mW (24dBm)	5470-5725	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

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

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

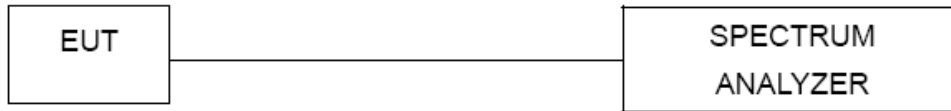
Note:

- 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: DC 5V

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

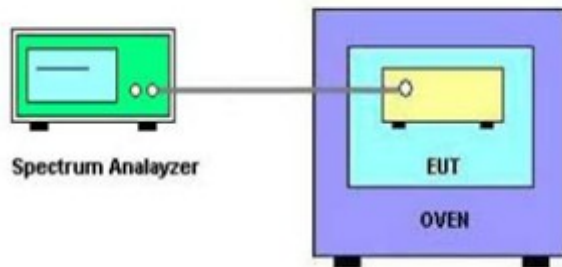
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
d. User manual temperature is 0°C~40°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 26, 2018
2	LISN	EMCO	3816/2	52765	Mar. 26, 2018
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 26, 2018
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 26, 2018
5	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-1 GHz)(8m+5m)	N/A	Jun. 26, 2018
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Aug. 20, 2018

Radiated Emission 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	FSP 40	100185	Aug. 20, 2018

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Aug. 20, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	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.

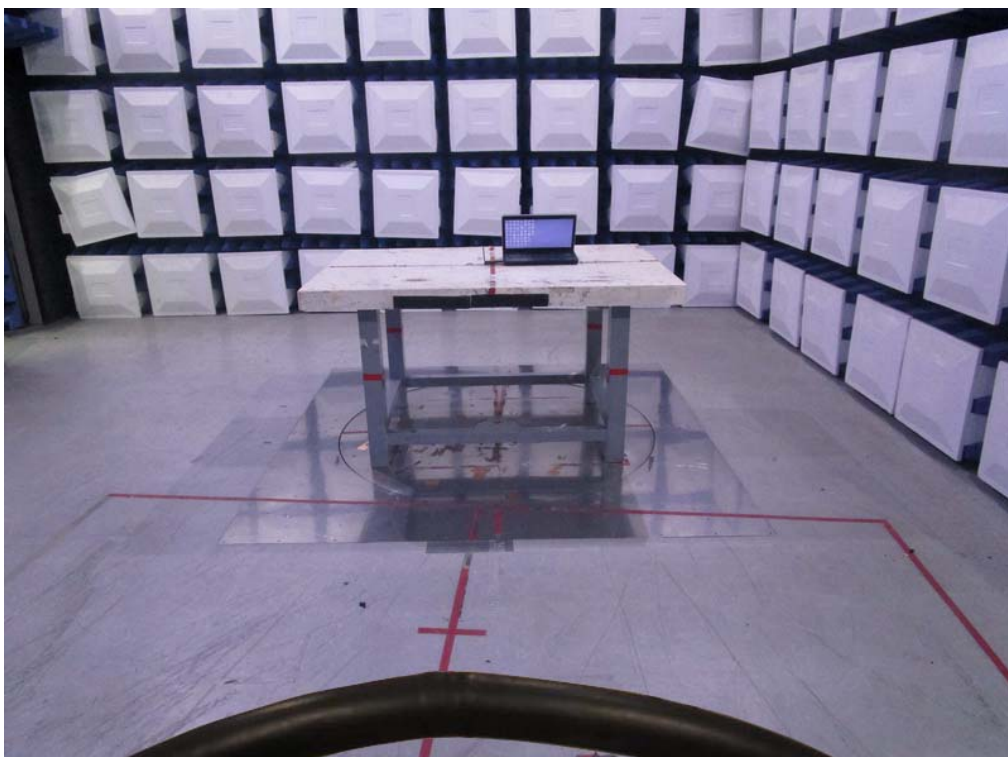
10. EUT TEST PHOTOS

Conducted Measurement Photos



Radiated Measurement Photos

9kHz to 30MHz



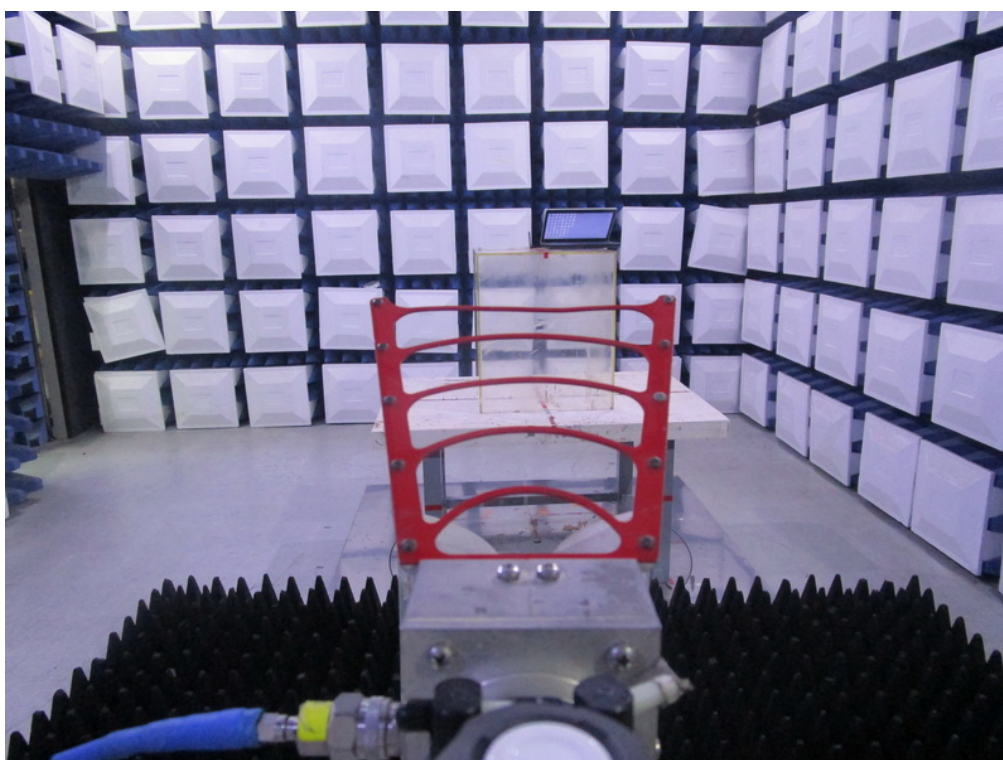
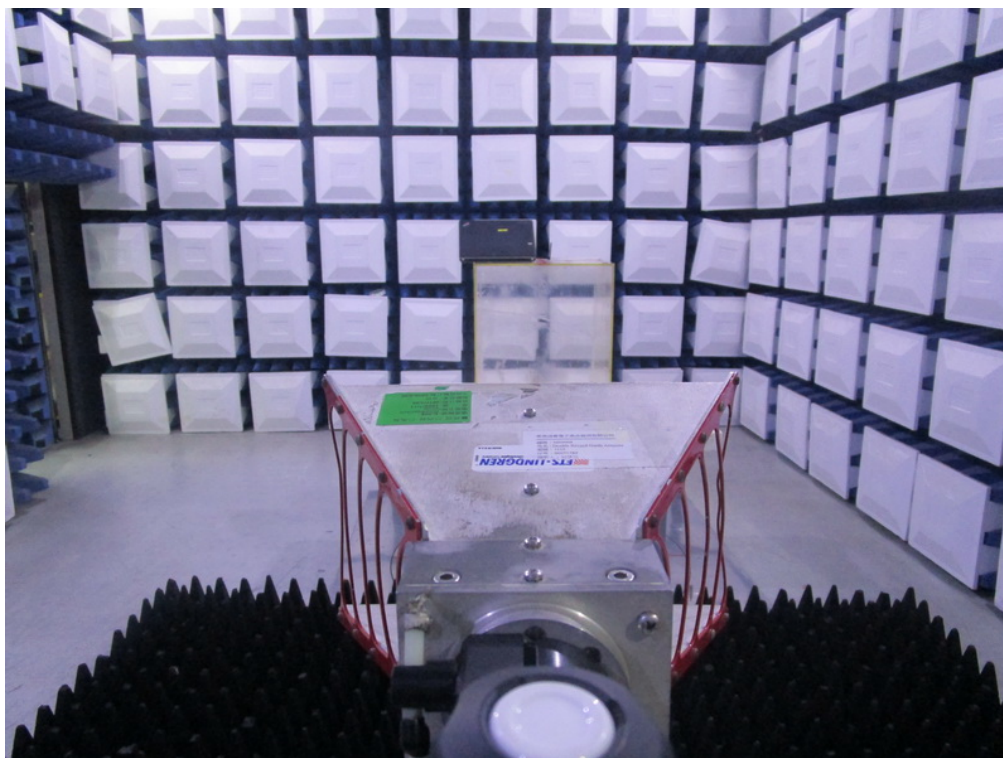
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

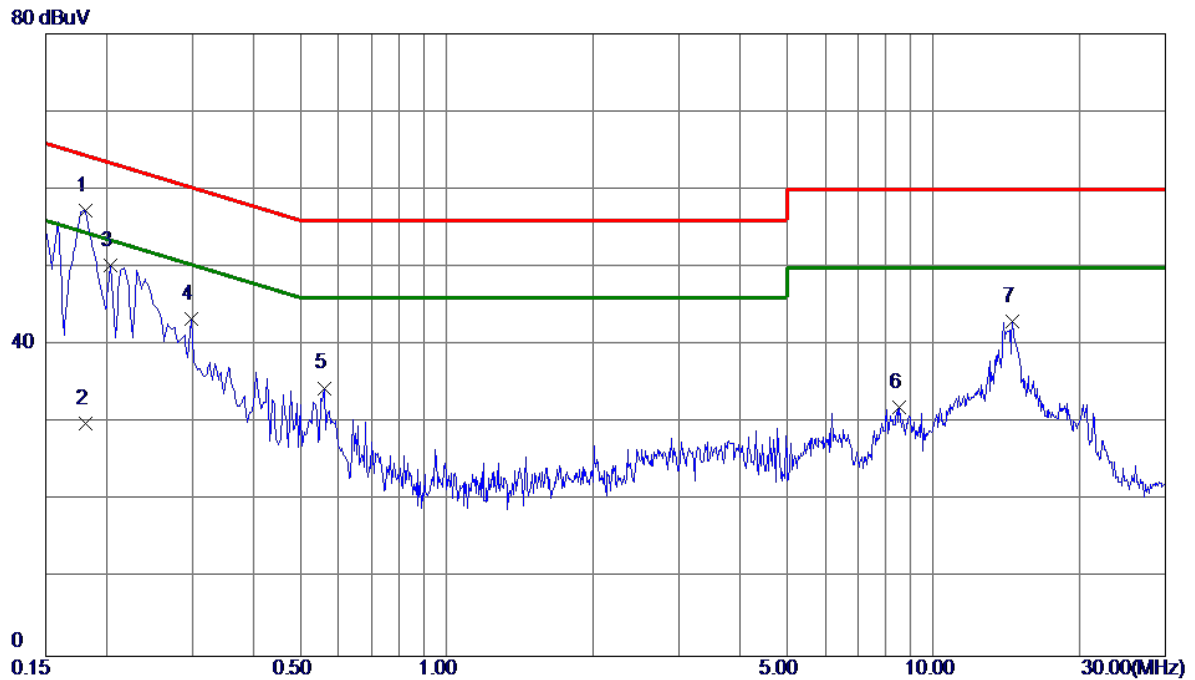
Above 1000MHz



APPENDIX A - CONDUCTED EMISSION

Test Mode: TX MODE

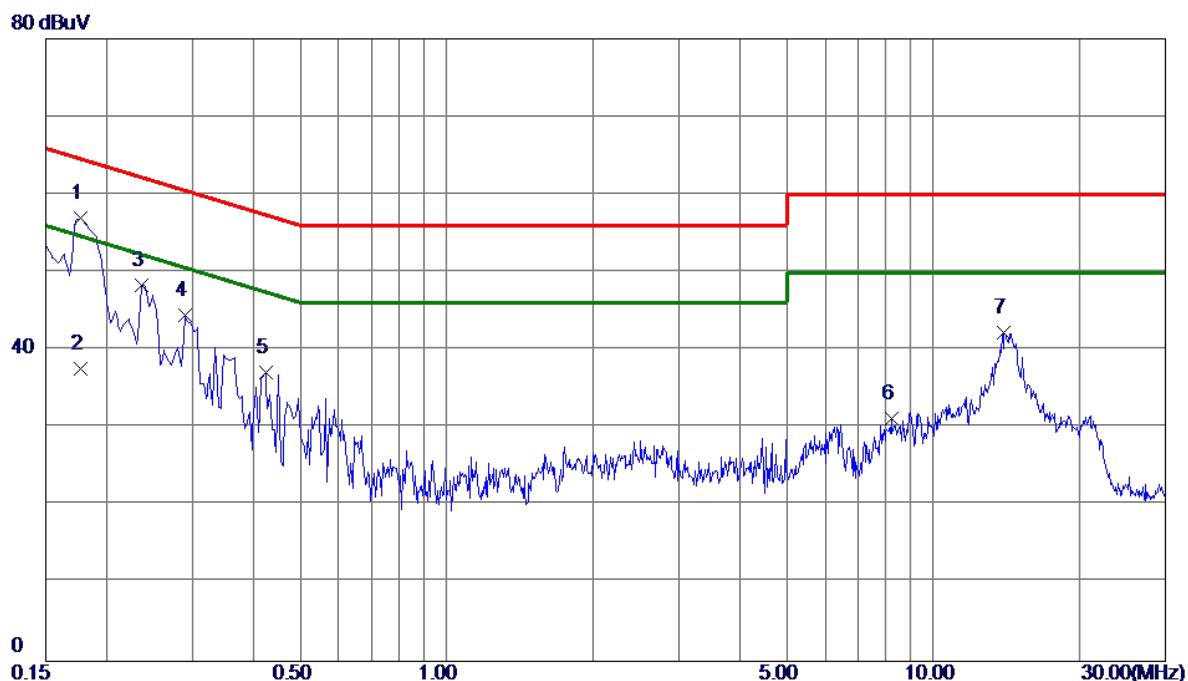
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1815	47.59	9.70	57.29	64.42	-7.13	Peak	
2	0.1815	20.20	9.70	29.90	54.42	-24.52	AVG	
3	0.2040	40.57	9.69	50.26	63.45	-13.19	Peak	
4	0.2985	33.75	9.68	43.43	60.28	-16.85	Peak	
5	0.5595	24.77	9.71	34.48	56.00	-21.52	Peak	
6	8.5245	22.12	9.81	31.93	60.00	-28.07	Peak	
7	14.5770	33.09	9.99	43.08	60.00	-16.92	Peak	

Test Mode: TX MODE

Neutral

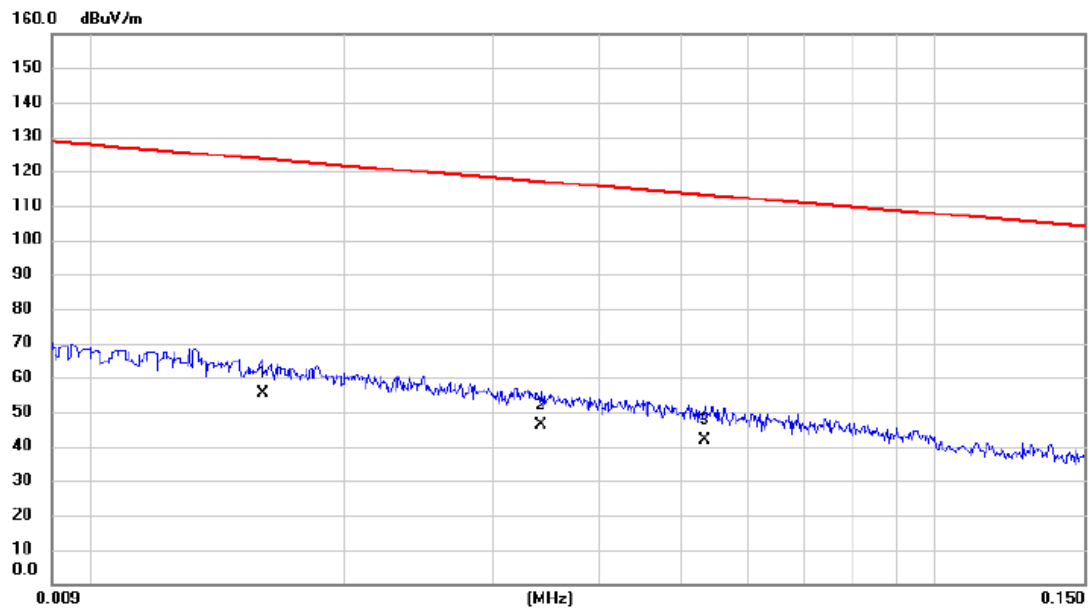


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1770	47.30	9.61	56.91	64.63	-7.72	Peak	
2	0.1770	28.00	9.61	37.61	54.63	-17.02	AVG	
3	0.2355	38.76	9.61	48.37	62.25	-13.88	Peak	
4	0.2895	34.86	9.60	44.46	60.54	-16.08	Peak	
5	0.4245	27.53	9.60	37.13	57.36	-20.23	Peak	
6	8.2185	21.42	9.73	31.15	60.00	-28.85	Peak	
7	13.9920	32.21	9.98	42.19	60.00	-17.81	Peak	

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

Test Mode:	TX MODE
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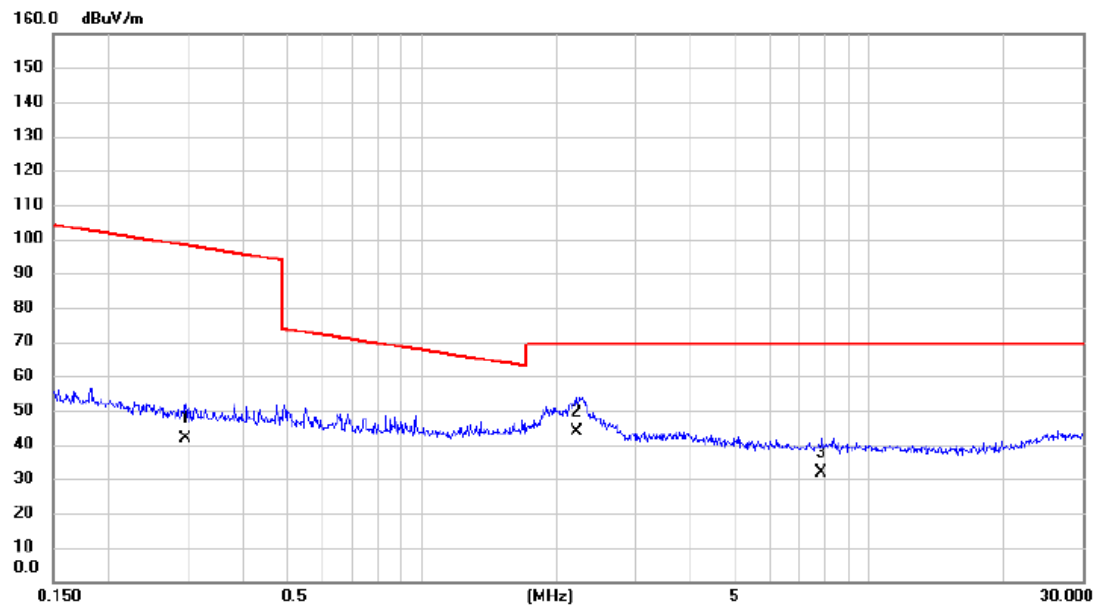
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.016	35.12	20.14	55.26	123.52	-68.26	AVG	
2		0.034	26.92	19.19	46.11	116.92	-70.81	AVG	
3		0.053	22.99	18.65	41.64	113.05	-71.41	AVG	

Test Mode:	TX MODE
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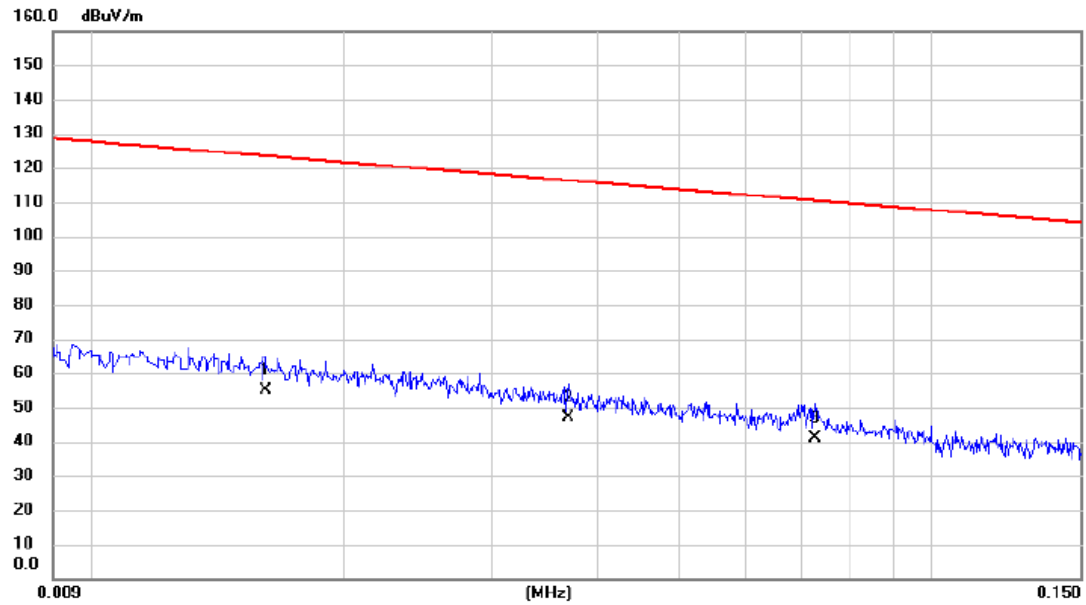
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	
		MHz	Level	Factor	ment			
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		0.297	25.12	16.62	41.74	98.15	-56.41	AVG
2	*	2.213	28.48	15.45	43.93	69.54	-25.61	QP
3		7.810	17.85	14.02	31.87	69.54	-37.67	QP

Test Mode:	TX MODE
------------	---------

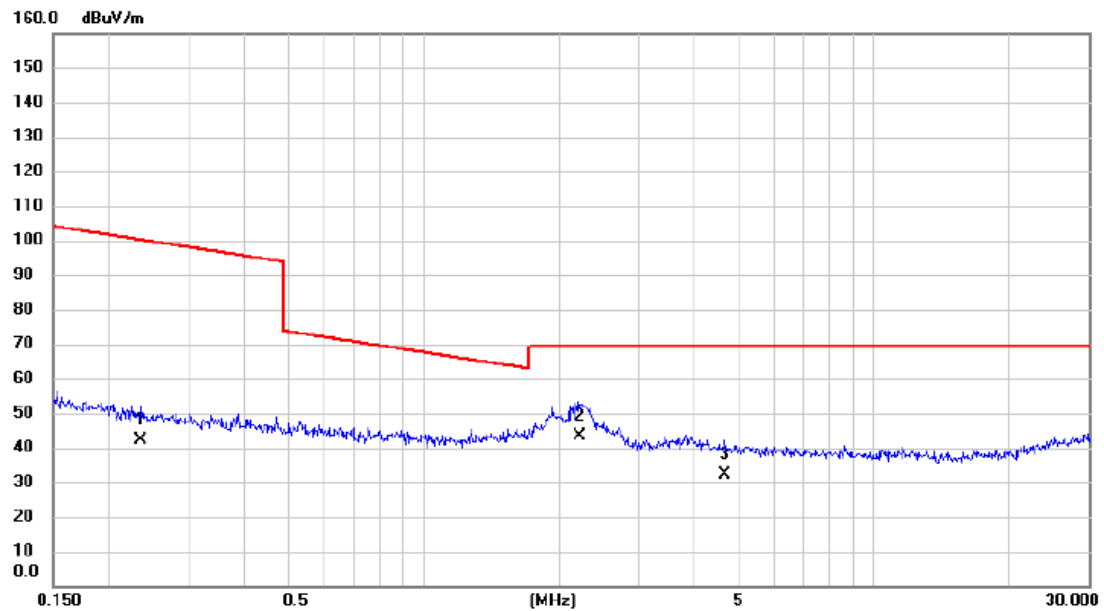
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.016	34.97	20.13	55.10	123.47	-68.37	AVG	
2		0.037	28.03	19.11	47.14	116.24	-69.10	AVG	
3		0.073	22.58	18.28	40.86	110.39	-69.53	AVG	

Test Mode: TX MODE

Ant 90°



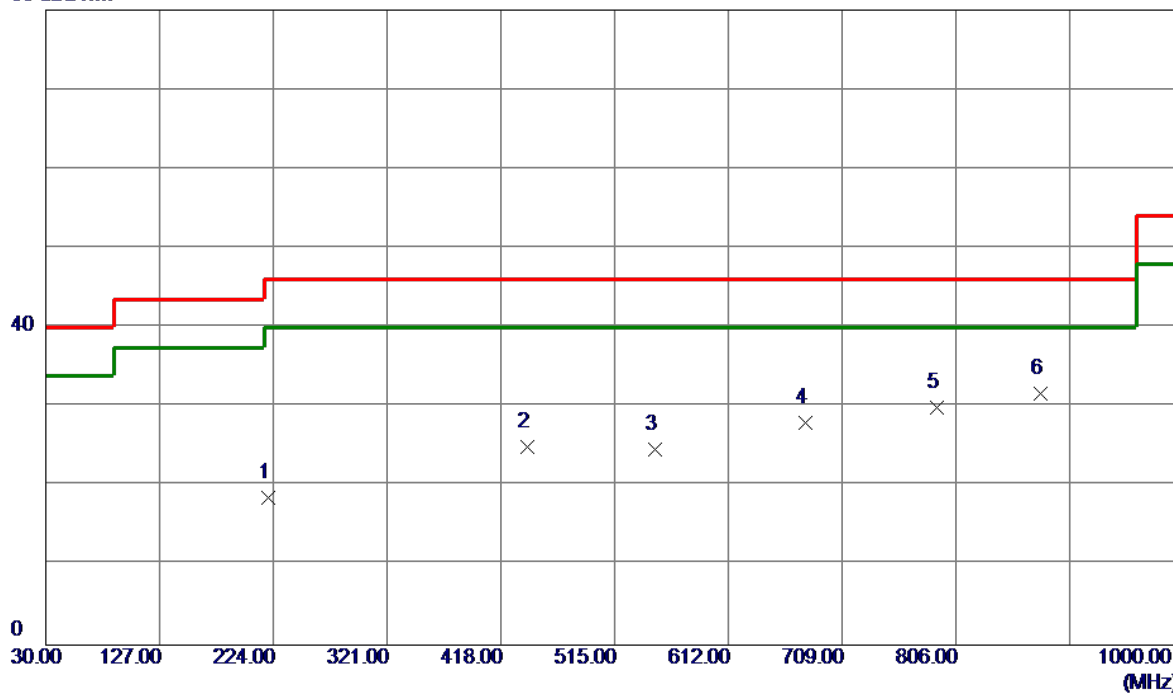
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.235	25.41	16.69	42.10	100.17	-58.07	AVG	
2	*	2.213	27.99	15.45	43.44	69.54	-26.10	QP	
3		4.671	17.81	14.56	32.37	69.54	-37.17	QP	

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

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

Vertical

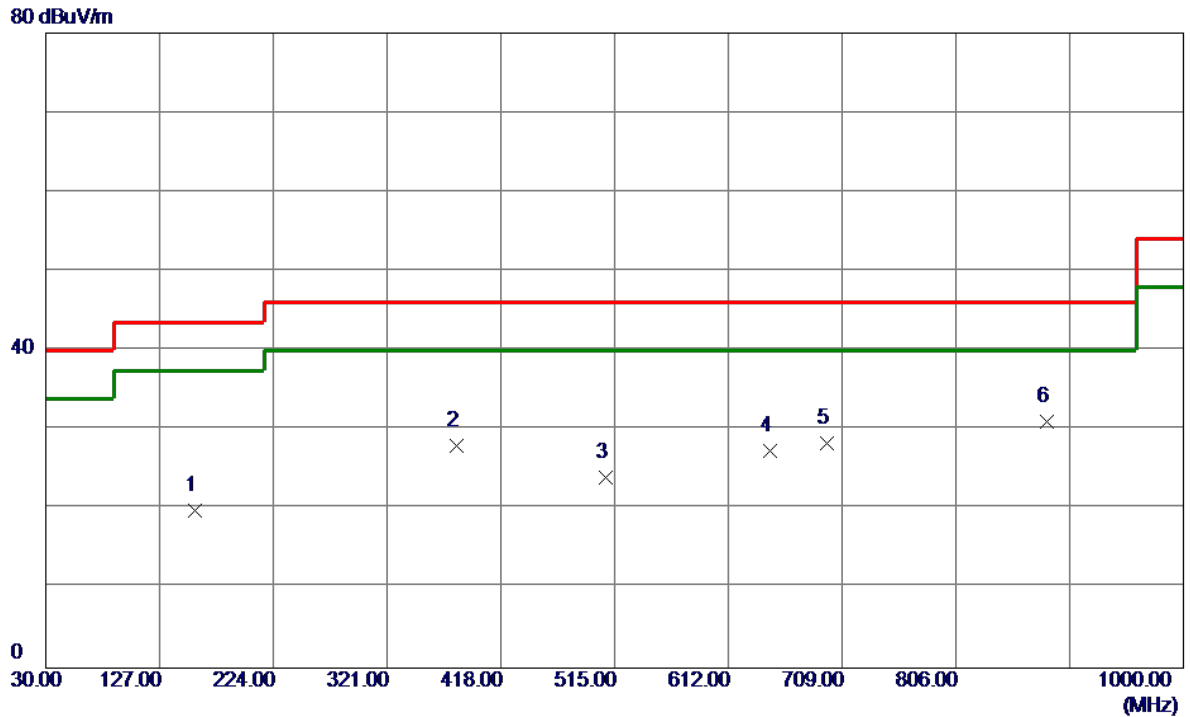
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	220.1200	32.15	-13.53	18.62	46.00	-27.38	Peak	
2	440.3100	32.09	-7.11	24.98	46.00	-21.02	Peak	
3	549.9200	29.12	-4.44	24.68	46.00	-21.32	Peak	
4	677.9600	29.51	-1.49	28.02	46.00	-17.98	Peak	
5	789.5100	29.24	0.67	29.91	46.00	-16.09	Peak	
6 *	877.7800	29.15	2.48	31.63	46.00	-14.37	Peak	

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

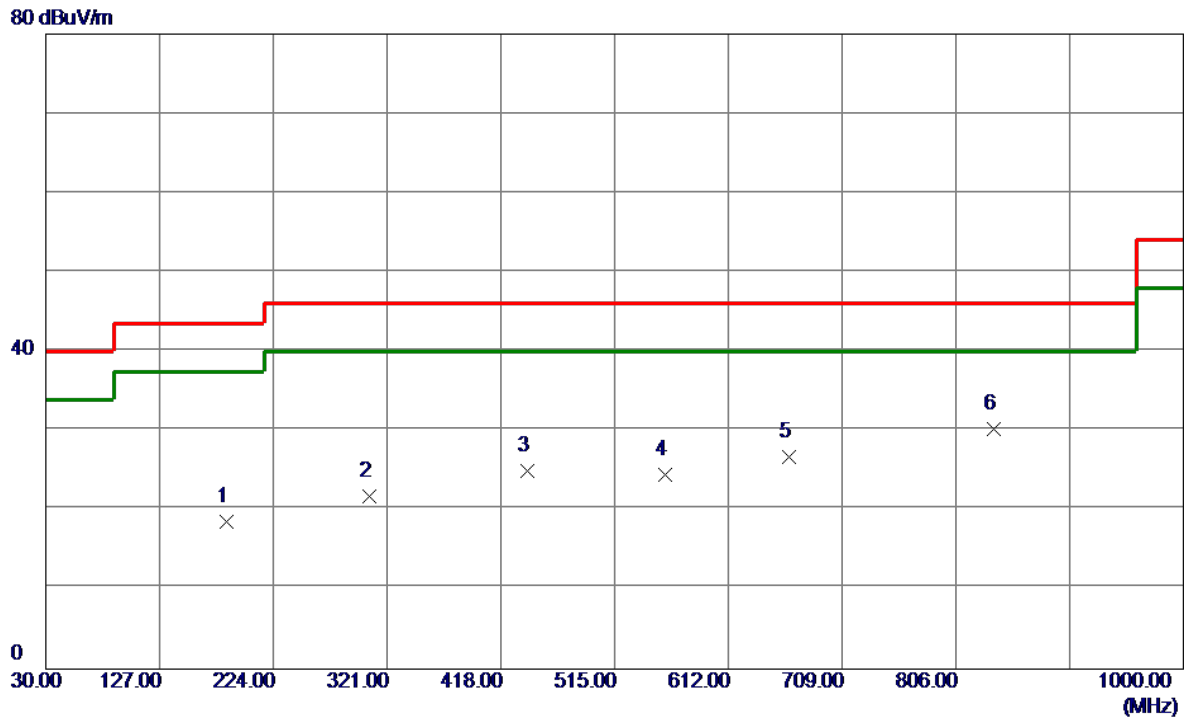
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	31.56	-11.69	19.87	43.50	-23.63	Peak	
2	380.1700	36.61	-8.63	27.98	46.00	-18.02	Peak	
3	507.2400	29.49	-5.55	23.94	46.00	-22.06	Peak	
4	647.8900	29.69	-2.26	27.43	46.00	-18.57	Peak	
5	696.3900	29.35	-1.02	28.33	46.00	-17.67	Peak	
6 *	883.6000	28.48	2.59	31.07	46.00	-14.93	Peak	

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

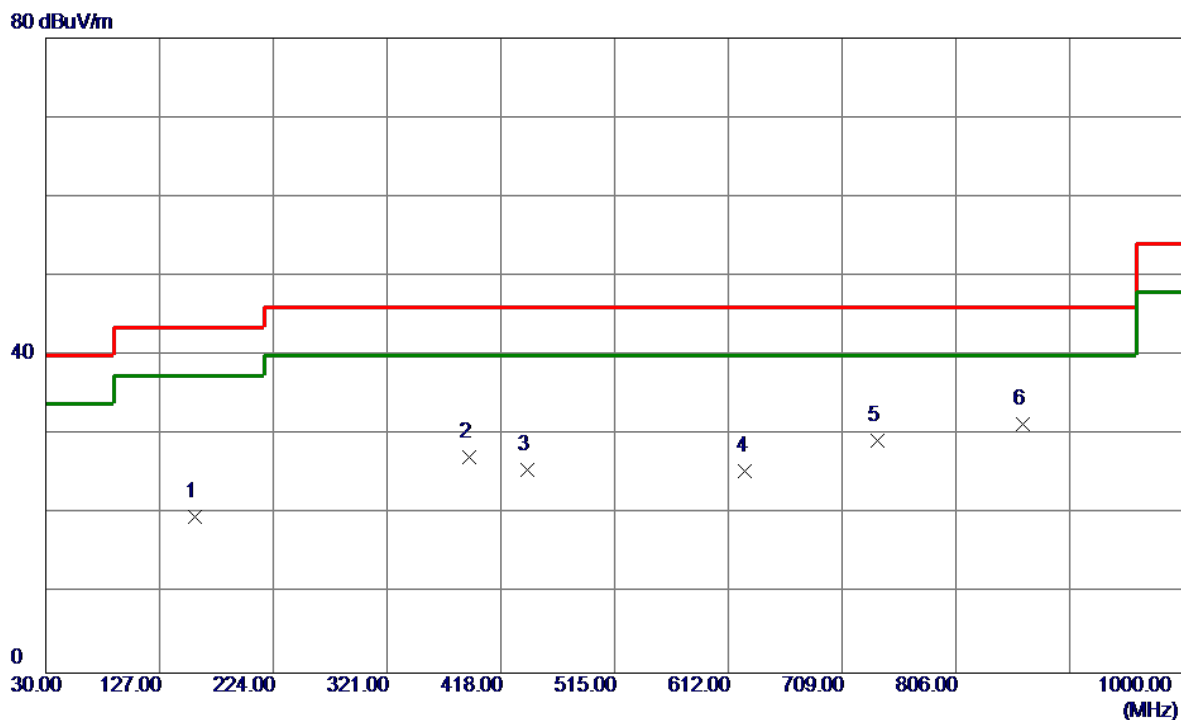
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	184.2300	30.04	-11.45	18.59	43.50	-24.91	Peak	
2	305.4800	32.18	-10.48	21.70	46.00	-24.30	Peak	
3	440.3100	32.10	-7.11	24.99	46.00	-21.01	Peak	
4	557.6800	28.73	-4.31	24.42	46.00	-21.58	Peak	
5	663.4099	28.62	-1.86	26.76	46.00	-19.24	Peak	
6 *	838.0100	28.49	1.69	30.18	46.00	-15.82	Peak	

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

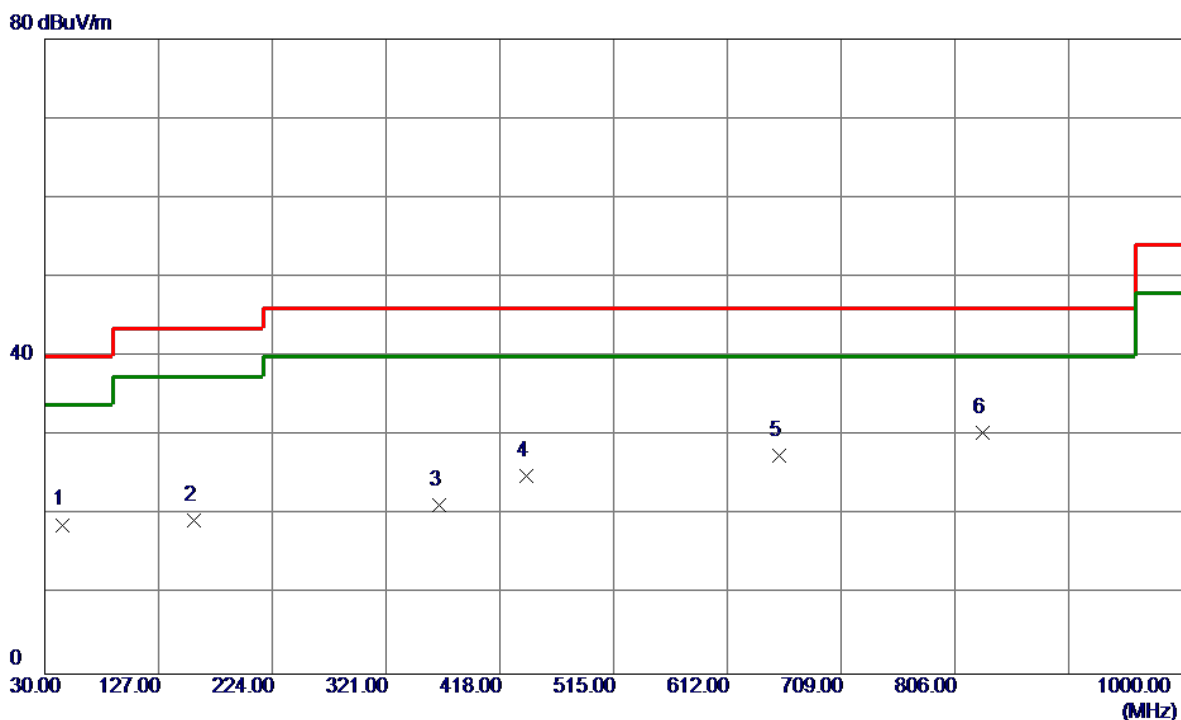
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	31.35	-11.69	19.66	43.50	-23.84	Peak	
2	390.8400	35.53	-8.35	27.18	46.00	-18.82	Peak	
3	440.3100	32.72	-7.11	25.61	46.00	-20.39	Peak	
4	626.5500	28.35	-2.87	25.48	46.00	-20.52	Peak	
5	739.0700	29.59	-0.26	29.33	46.00	-16.67	Peak	
6 *	863.2300	29.11	2.20	31.31	46.00	-14.69	Peak	

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

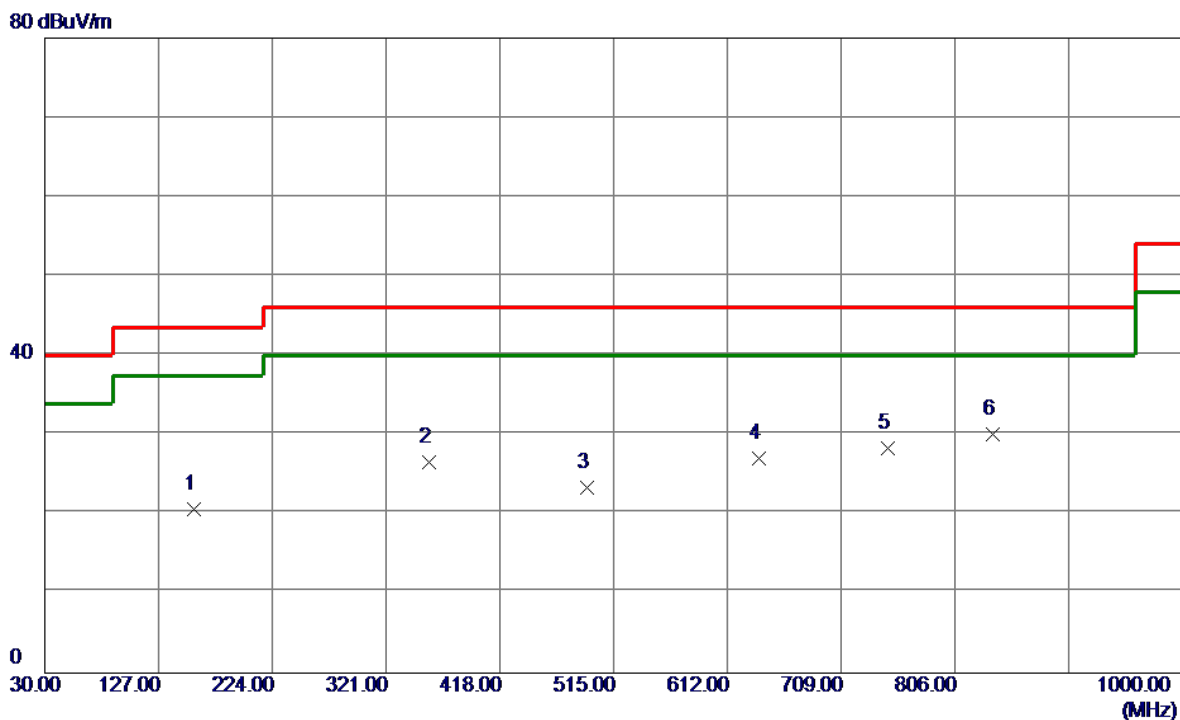
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	45.5200	30.64	-11.84	18.80	40.00	-21.20	Peak	
2	157.0700	31.05	-11.69	19.36	43.50	-24.14	Peak	
3	366.5900	30.32	-8.99	21.33	46.00	-24.67	Peak	
4	440.3100	32.13	-7.11	25.02	46.00	-20.98	Peak	
5	656.6200	29.49	-2.03	27.46	46.00	-18.54	Peak	
6 *	829.2800	28.97	1.50	30.47	46.00	-15.53	Peak	

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

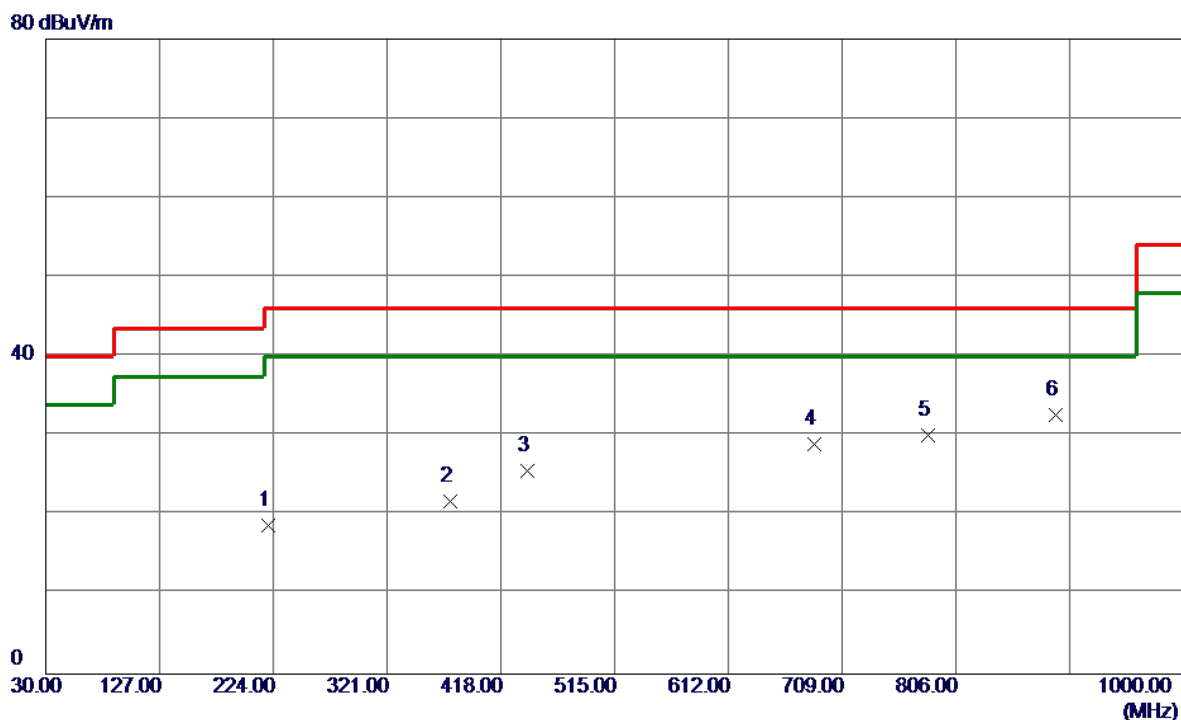
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	32.40	-11.69	20.71	43.50	-22.79	Peak	
2	357.8599	35.77	-9.22	26.55	46.00	-19.45	Peak	
3	492.6900	29.22	-5.91	23.31	46.00	-22.69	Peak	
4	639.1599	29.61	-2.51	27.10	46.00	-18.90	Peak	
5	748.7700	28.45	-0.09	28.36	46.00	-17.64	Peak	
6 *	838.0100	28.34	1.69	30.03	46.00	-15.97	Peak	

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

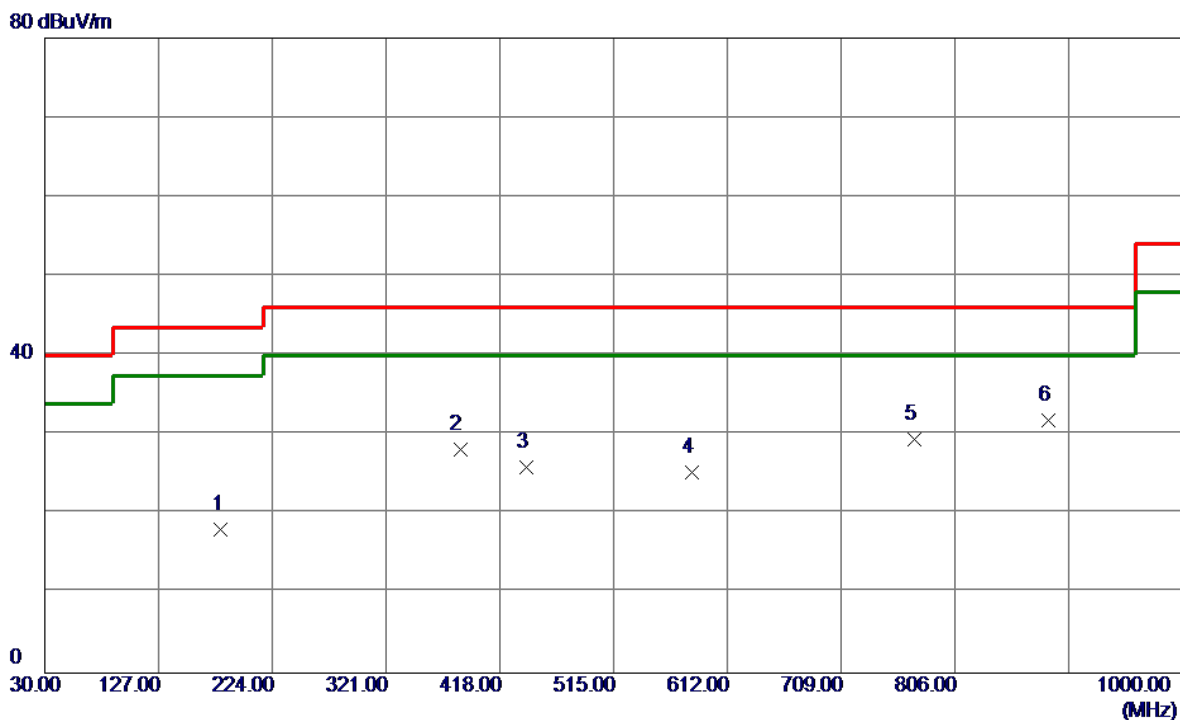
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	220.1200	32.25	-13.53	18.72	46.00	-27.28	Peak	
2	375.3200	30.57	-8.76	21.81	46.00	-24.19	Peak	
3	440.3100	32.69	-7.11	25.58	46.00	-20.42	Peak	
4	685.7199	30.27	-1.29	28.98	46.00	-17.02	Peak	
5	782.7199	29.49	0.55	30.04	46.00	-15.96	Peak	
6 *	891.3600	29.86	2.74	32.60	46.00	-13.40	Peak	

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

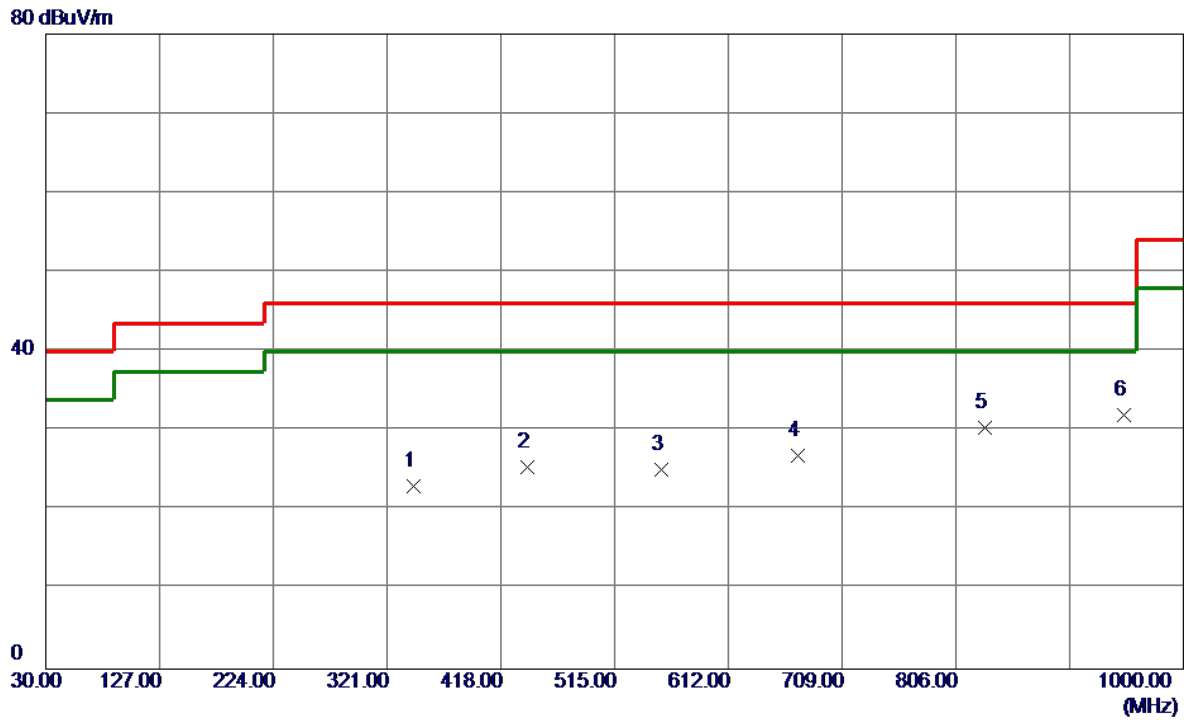
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	180.3500	29.55	-11.44	18.11	43.50	-25.39	Peak	
2	384.0500	36.69	-8.53	28.16	46.00	-17.84	Peak	
3	440.3100	33.05	-7.11	25.94	46.00	-20.06	Peak	
4	581.9300	29.15	-3.92	25.23	46.00	-20.77	Peak	
5	771.0800	29.04	0.33	29.37	46.00	-16.63	Peak	
6 *	885.5400	29.14	2.63	31.77	46.00	-14.23	Peak	

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

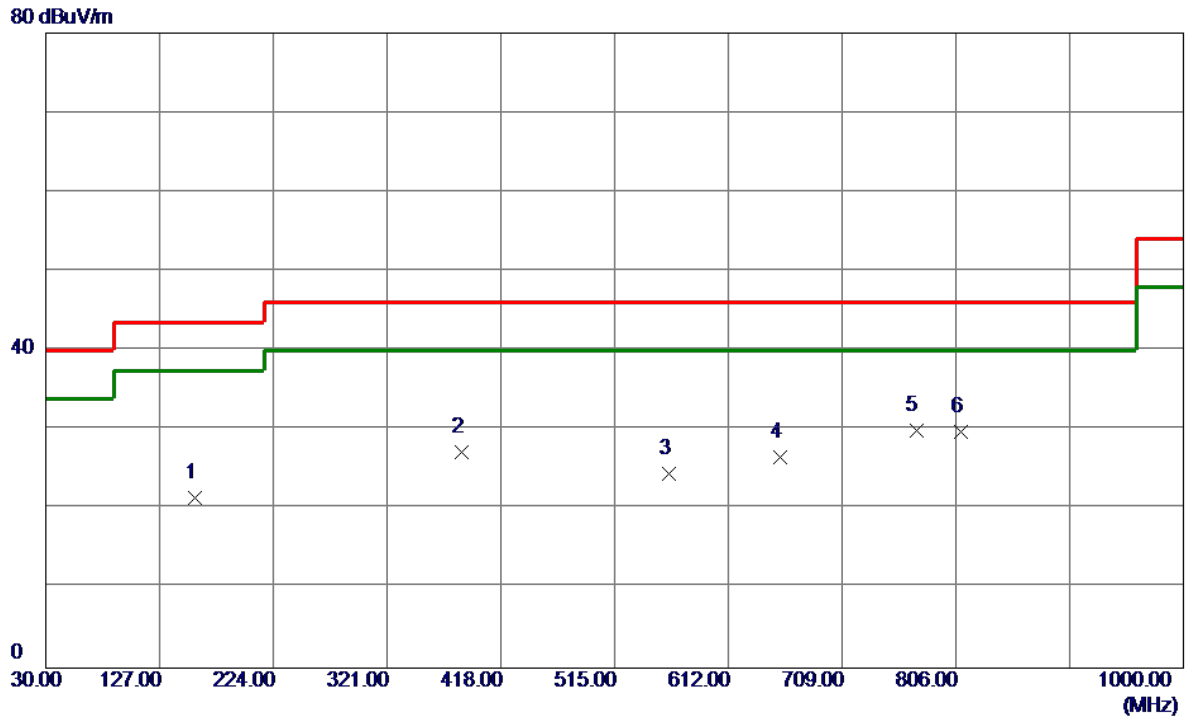
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	343.3100	32.57	-9.58	22.99	46.00	-23.01	Peak	
2	440.3100	32.62	-7.11	25.51	46.00	-20.49	Peak	
3	554.7700	29.54	-4.36	25.18	46.00	-20.82	Peak	
4	671.1700	28.55	-1.66	26.89	46.00	-19.11	Peak	
5	831.2199	28.90	1.54	30.44	46.00	-15.56	Peak	
6 *	949.5600	28.44	3.51	31.95	46.00	-14.05	Peak	

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

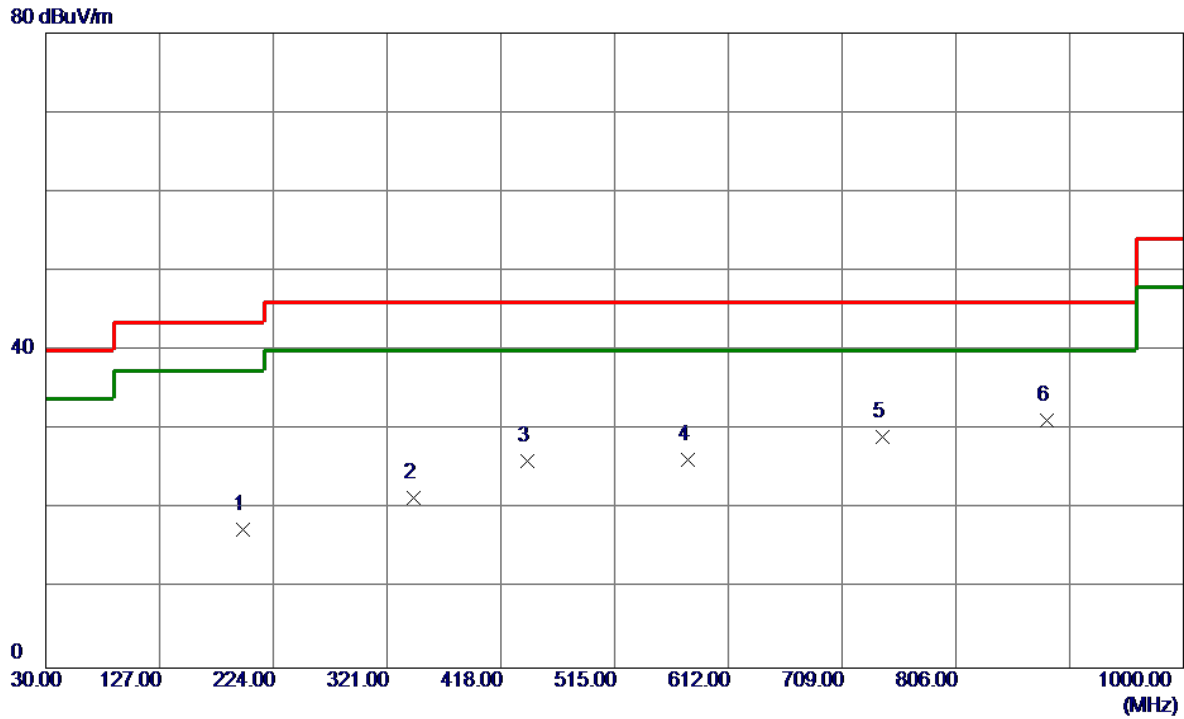
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	33.09	-11.69	21.40	43.50	-22.10	Peak	
2	385.0200	35.63	-8.50	27.13	46.00	-18.87	Peak	
3	561.5600	28.79	-4.25	24.54	46.00	-21.46	Peak	
4	656.6200	28.60	-2.03	26.57	46.00	-19.43	Peak	
5 *	772.0500	29.62	0.34	29.96	46.00	-16.04	Peak	
6	809.8800	28.61	1.08	29.69	46.00	-16.31	Peak	

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

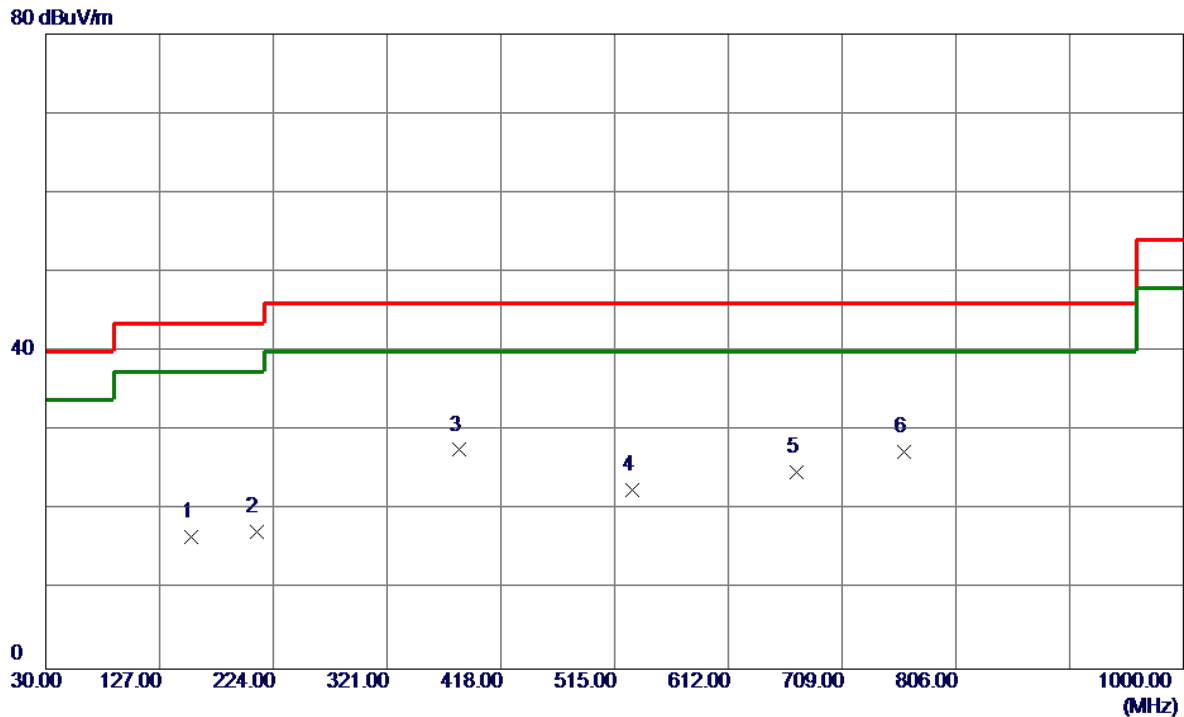
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	197.8100	29.44	-11.98	17.46	43.50	-26.04	Peak	
2	343.3100	30.98	-9.58	21.40	46.00	-24.60	Peak	
3	440.3100	33.24	-7.11	26.13	46.00	-19.87	Peak	
4	577.0800	30.30	-4.00	26.30	46.00	-19.70	Peak	
5	743.9200	29.28	-0.17	29.11	46.00	-16.89	Peak	
6 *	883.6000	28.62	2.59	31.21	46.00	-14.79	Peak	

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

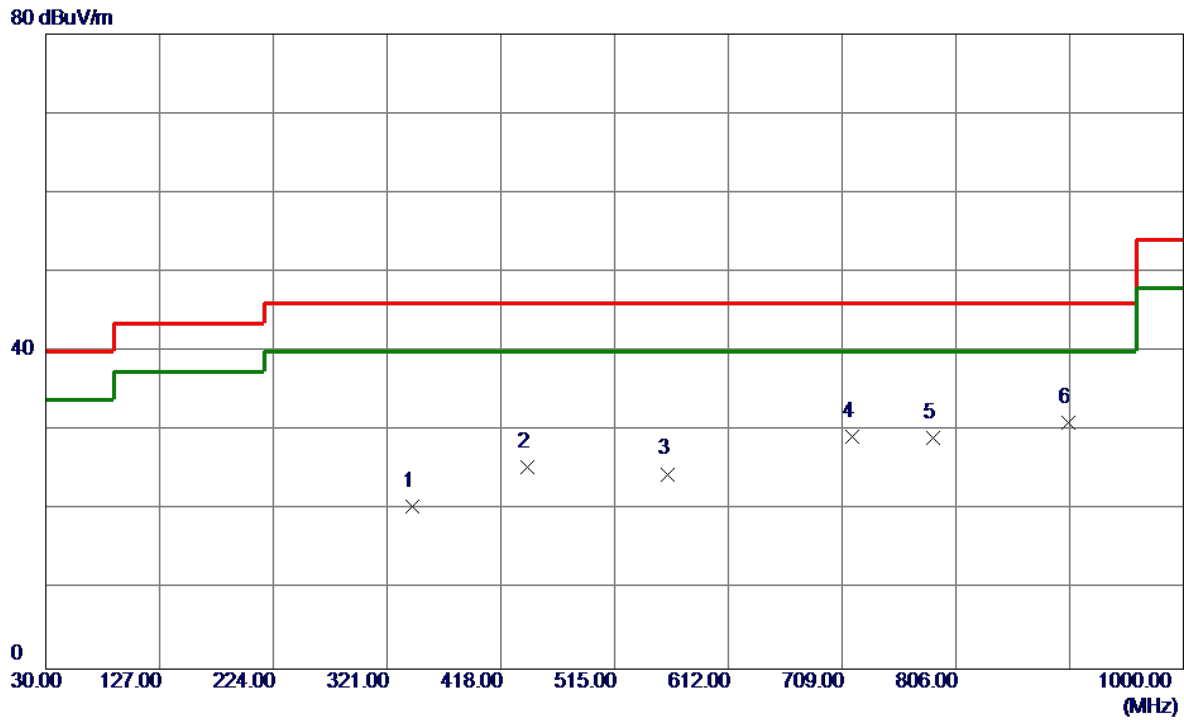
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	154.1600	28.41	-11.82	16.59	43.50	-26.91	Peak	
2	209.4500	30.25	-13.03	17.22	43.50	-26.28	Peak	
3 *	382.1099	36.18	-8.58	27.60	46.00	-18.40	Peak	
4	530.5200	27.52	-4.94	22.58	46.00	-23.42	Peak	
5	670.2000	26.49	-1.68	24.81	46.00	-21.19	Peak	
6	761.3800	27.26	0.14	27.40	46.00	-18.60	Peak	

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

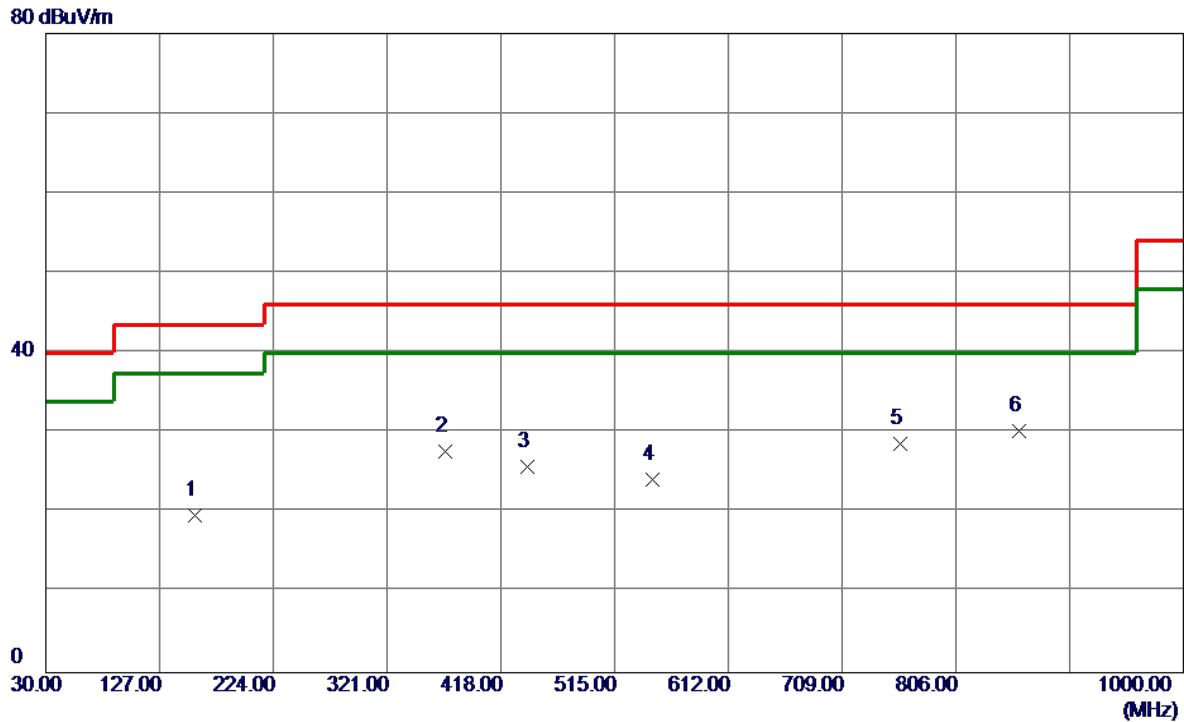
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	342.3400	30.02	-9.61	20.41	46.00	-25.59	Peak	
2	440.3100	32.54	-7.11	25.43	46.00	-20.57	Peak	
3	560.5900	28.82	-4.26	24.56	46.00	-21.44	Peak	
4	717.7300	29.95	-0.63	29.32	46.00	-16.68	Peak	
5	786.6000	28.50	0.62	29.12	46.00	-16.88	Peak	
6 *	902.0300	28.16	2.93	31.09	46.00	-14.91	Peak	

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

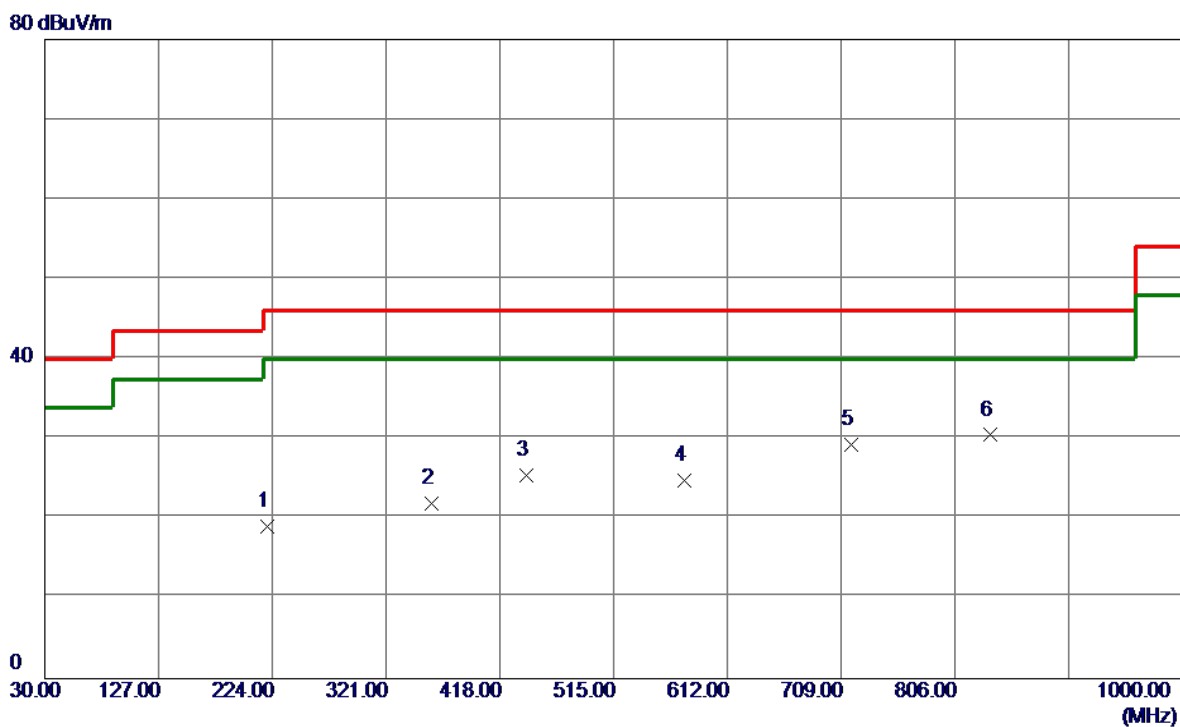
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	31.35	-11.69	19.66	43.50	-23.84	Peak	
2	370.4700	36.62	-8.89	27.73	46.00	-18.27	Peak	
3	440.3100	32.82	-7.11	25.71	46.00	-20.29	Peak	
4	547.0100	28.74	-4.51	24.23	46.00	-21.77	Peak	
5	758.4699	28.57	0.09	28.66	46.00	-17.34	Peak	
6 *	860.3200	28.04	2.15	30.19	46.00	-15.81	Peak	

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

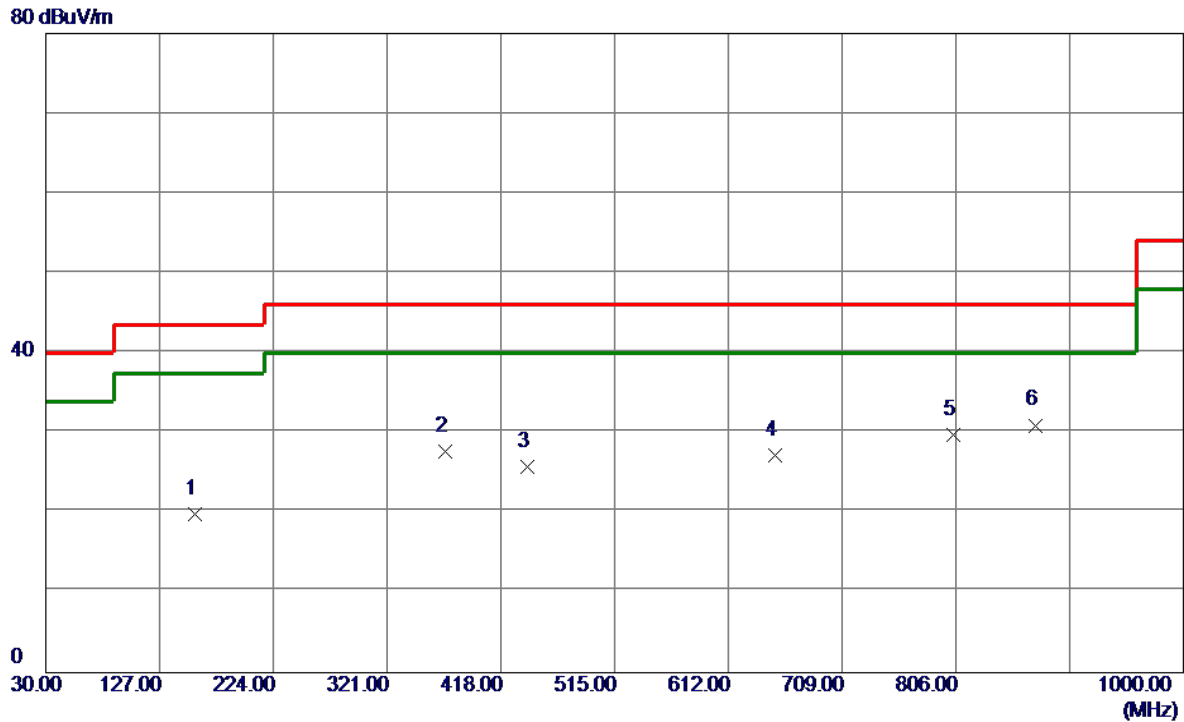
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	220.1200	32.57	-13.53	19.04	46.00	-26.96	Peak	
2	359.8000	31.09	-9.17	21.92	46.00	-24.08	Peak	
3	440.3100	32.54	-7.11	25.43	46.00	-20.57	Peak	
4	575.1400	28.82	-4.03	24.79	46.00	-21.21	Peak	
5	717.7300	29.95	-0.63	29.32	46.00	-16.68	Peak	
6 *	836.0700	28.83	1.65	30.48	46.00	-15.52	Peak	

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

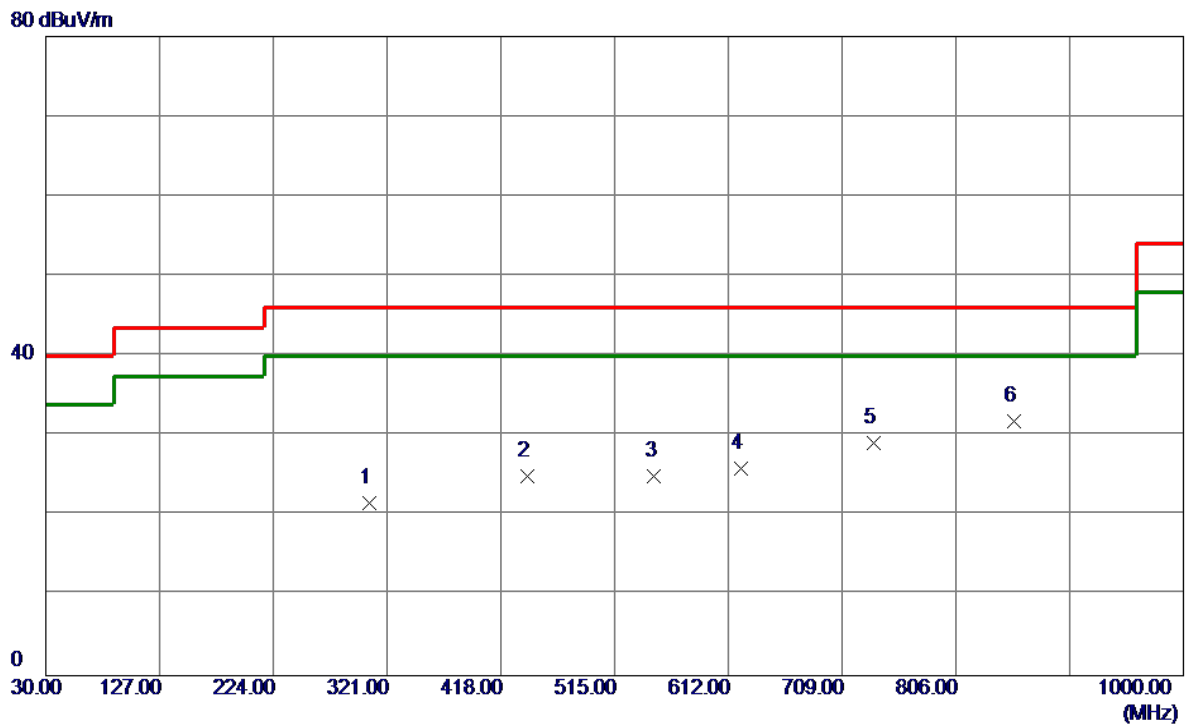
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	31.46	-11.69	19.77	43.50	-23.73	Peak	
2	370.4700	36.62	-8.89	27.73	46.00	-18.27	Peak	
3	440.3100	32.82	-7.11	25.71	46.00	-20.29	Peak	
4	651.7700	29.42	-2.15	27.27	46.00	-18.73	Peak	
5	804.0600	28.86	0.96	29.82	46.00	-16.18	Peak	
6 *	873.9000	28.56	2.40	30.96	46.00	-15.04	Peak	

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

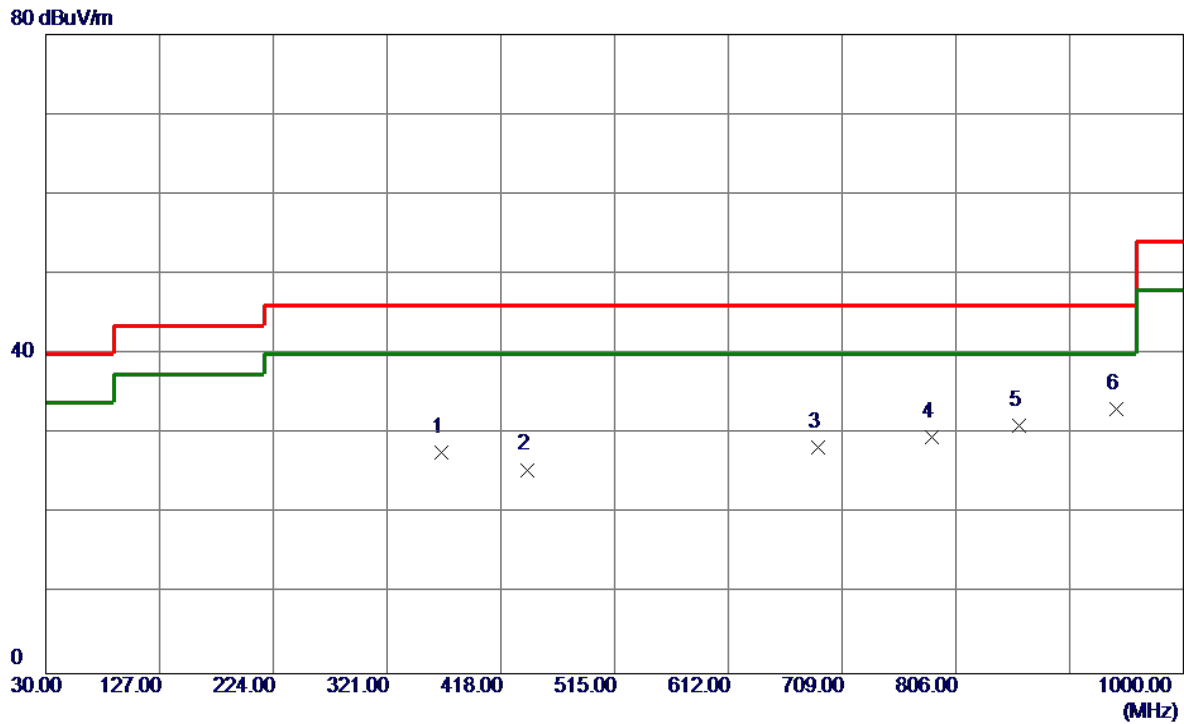
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	305.4800	32.15	-10.48	21.67	46.00	-24.33	Peak	
2	440.3100	32.03	-7.11	24.92	46.00	-21.08	Peak	
3	548.9500	29.40	-4.46	24.94	46.00	-21.06	Peak	
4	622.6700	28.93	-2.98	25.95	46.00	-20.05	Peak	
5	736.1599	29.42	-0.31	29.11	46.00	-16.89	Peak	
6 *	855.4700	29.82	2.05	31.87	46.00	-14.13	Peak	

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

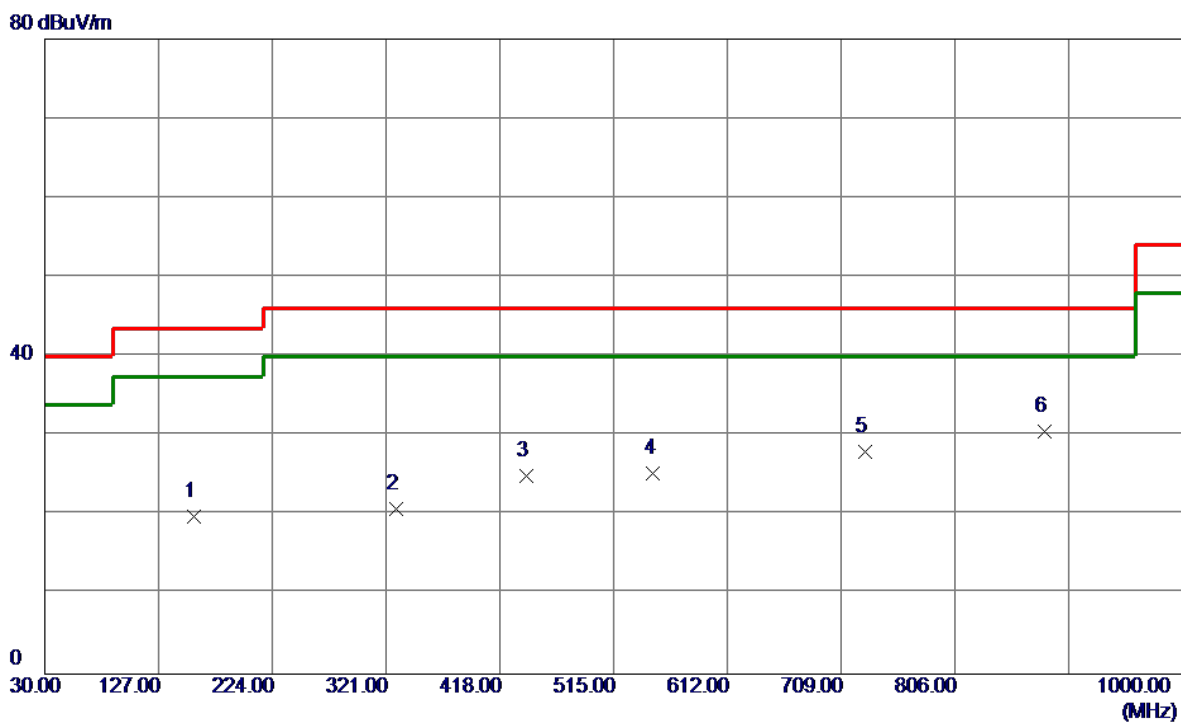
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	367.5600	36.67	-8.96	27.71	46.00	-18.29	Peak	
2	440.3100	32.63	-7.11	25.52	46.00	-20.48	Peak	
3	688.6300	29.58	-1.22	28.36	46.00	-17.64	Peak	
4	785.6300	29.04	0.60	29.64	46.00	-16.36	Peak	
5	860.3200	28.85	2.15	31.00	46.00	-15.00	Peak	
6 *	942.7700	29.66	3.43	33.09	46.00	-12.91	Peak	

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

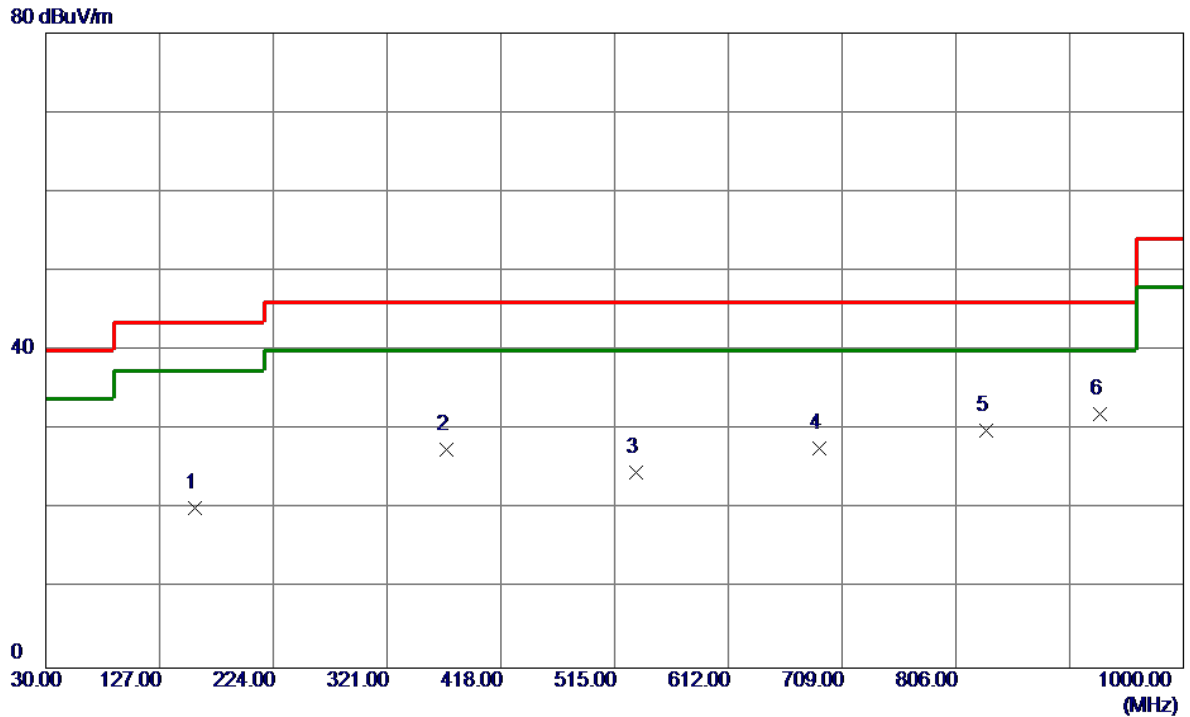
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	31.49	-11.69	19.80	43.50	-23.70	Peak	
2	329.7300	30.70	-9.91	20.79	46.00	-25.21	Peak	
3	440.3100	32.07	-7.11	24.96	46.00	-21.04	Peak	
4	548.9500	29.76	-4.46	25.30	46.00	-20.70	Peak	
5	729.3700	28.44	-0.42	28.02	46.00	-17.98	Peak	
6 *	882.6300	28.01	2.57	30.58	46.00	-15.42	Peak	

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

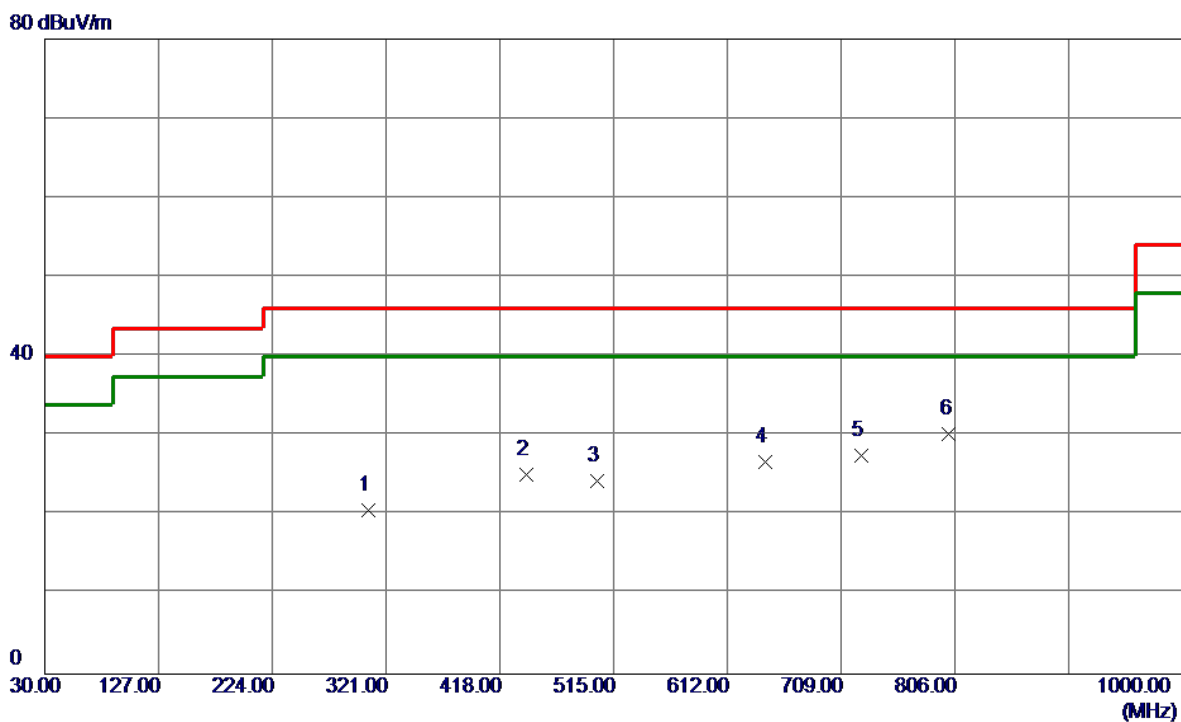
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	31.91	-11.69	20.22	43.50	-23.28	Peak	
2	371.4400	36.35	-8.86	27.49	46.00	-18.51	Peak	
3	533.4300	29.45	-4.87	24.58	46.00	-21.42	Peak	
4	689.6000	28.86	-1.19	27.67	46.00	-18.33	Peak	
5	832.1900	28.38	1.57	29.95	46.00	-16.05	Peak	
6 *	929.1900	28.77	3.26	32.03	46.00	-13.97	Peak	

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

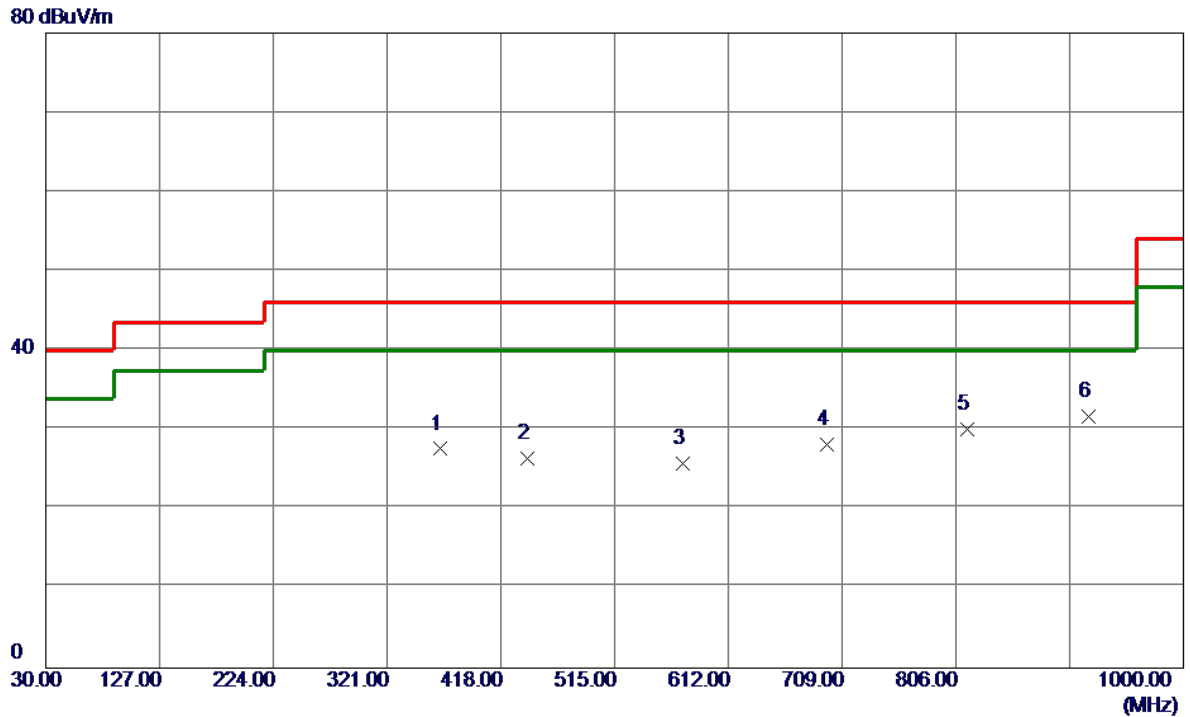
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	305.4800	31.06	-10.48	20.58	46.00	-25.42	Peak	
2	440.3100	32.28	-7.11	25.17	46.00	-20.83	Peak	
3	501.4200	30.05	-5.70	24.35	46.00	-21.65	Peak	
4	644.0100	29.02	-2.37	26.65	46.00	-19.35	Peak	
5	726.4600	28.04	-0.47	27.57	46.00	-18.43	Peak	
6 *	801.1500	29.34	0.89	30.23	46.00	-15.77	Peak	

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

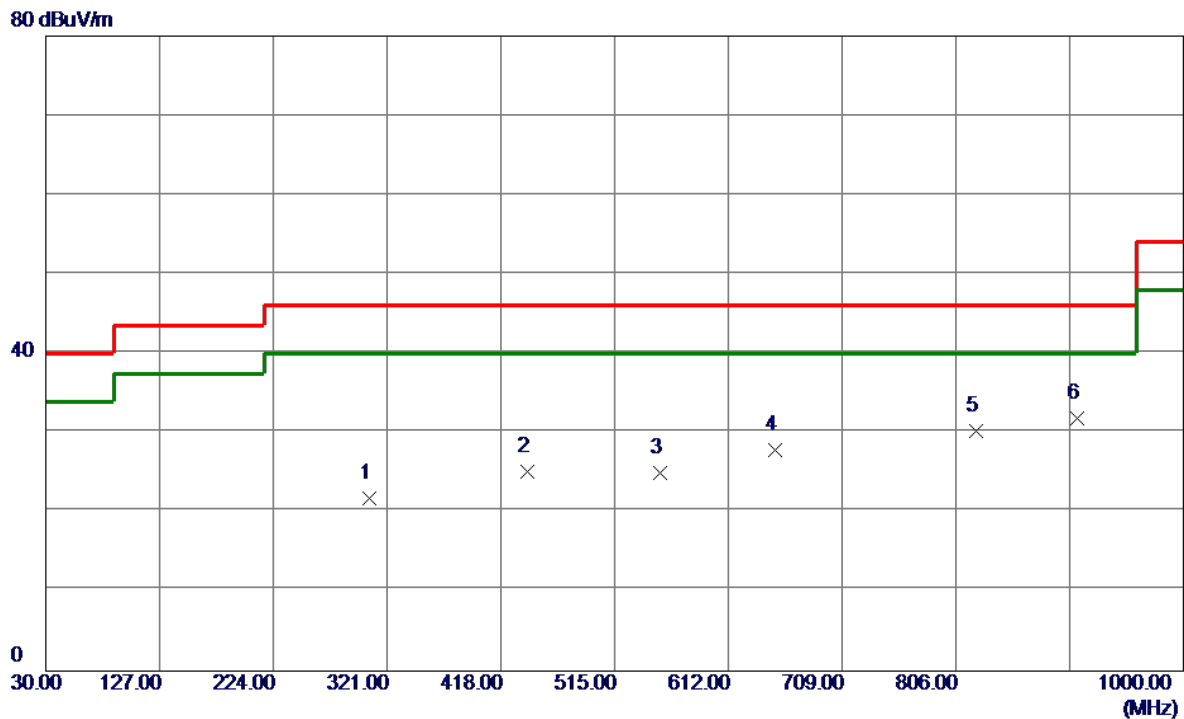
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	366.5900	36.59	-8.99	27.60	46.00	-18.40	Peak	
2	440.3100	33.45	-7.11	26.34	46.00	-19.66	Peak	
3	573.2000	29.84	-4.06	25.78	46.00	-20.22	Peak	
4	696.3900	29.20	-1.02	28.18	46.00	-17.82	Peak	
5	815.7000	28.80	1.21	30.01	46.00	-15.99	Peak	
6 *	919.4900	28.60	3.14	31.74	46.00	-14.26	Peak	

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

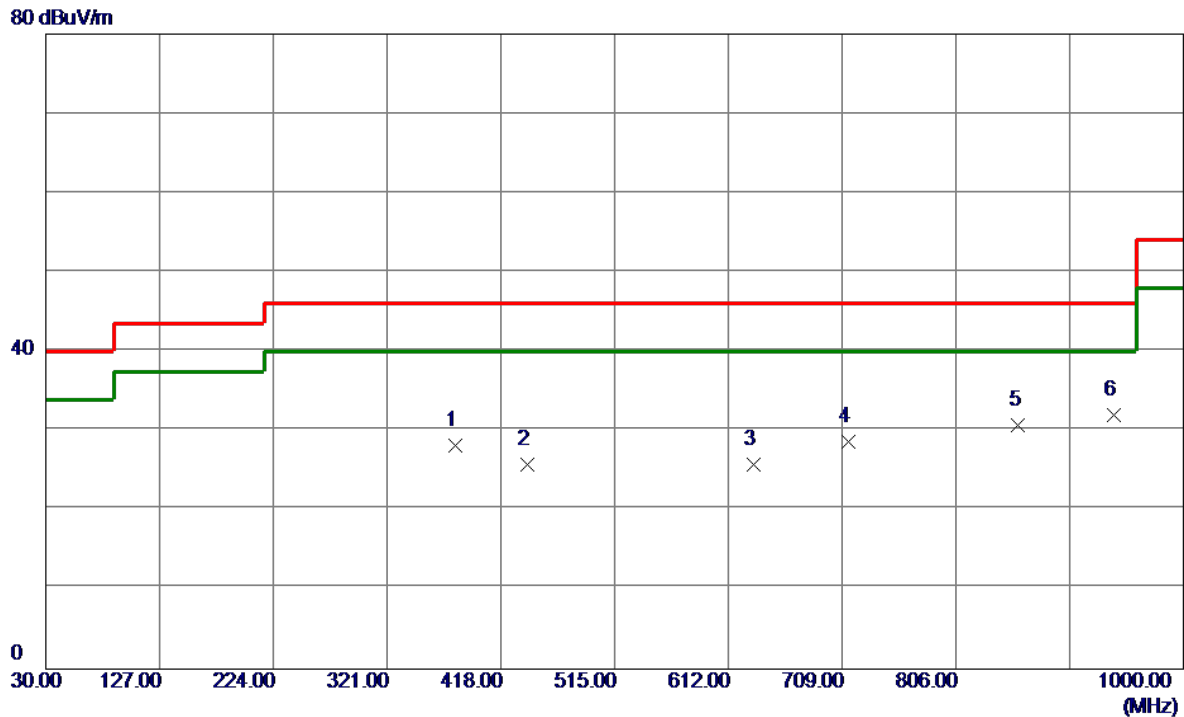
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	305.4800	32.23	-10.48	21.75	46.00	-24.25	Peak	
2	440.3100	32.18	-7.11	25.07	46.00	-20.93	Peak	
3	553.8000	29.37	-4.37	25.00	46.00	-21.00	Peak	
4	651.7700	30.06	-2.15	27.91	46.00	-18.09	Peak	
5	823.4600	28.80	1.38	30.18	46.00	-15.82	Peak	
6 *	909.7900	28.88	3.02	31.90	46.00	-14.10	Peak	

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

Horizontal



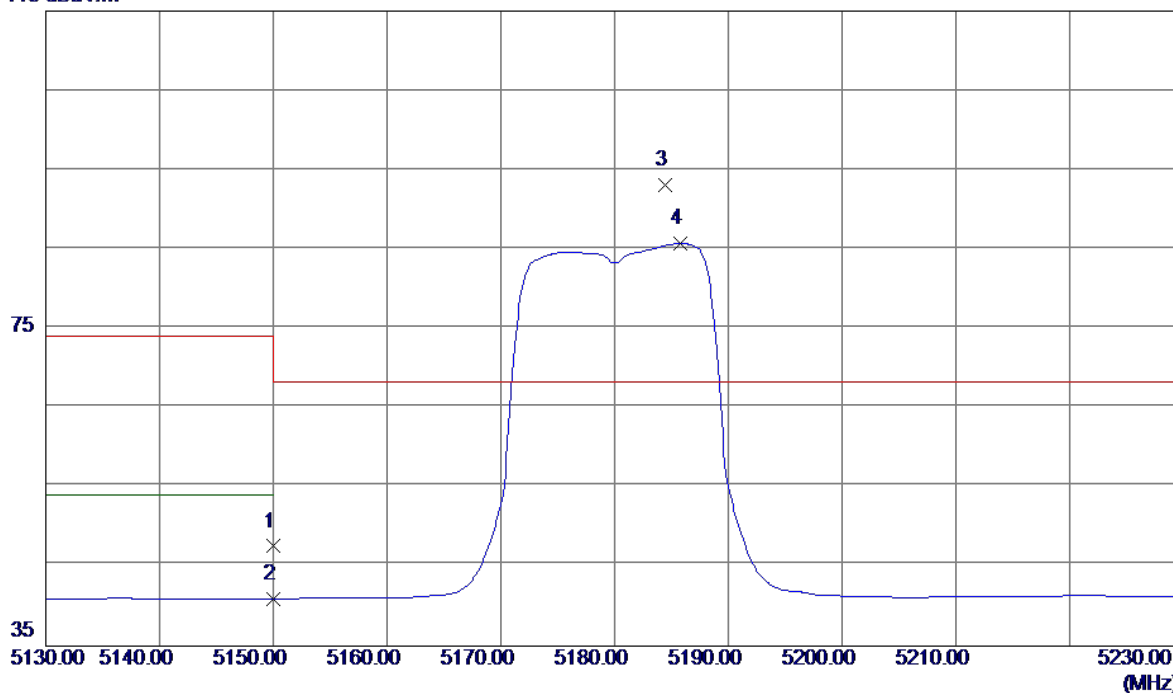
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	379.2000	36.80	-8.66	28.14	46.00	-17.86	Peak	
2	440.3100	32.81	-7.11	25.70	46.00	-20.30	Peak	
3	633.3400	28.39	-2.67	25.72	46.00	-20.28	Peak	
4	714.8200	29.38	-0.68	28.70	46.00	-17.30	Peak	
5	859.3500	28.55	2.13	30.68	46.00	-15.32	Peak	
6 *	940.8300	28.57	3.41	31.98	46.00	-14.02	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

115 dBuV/m

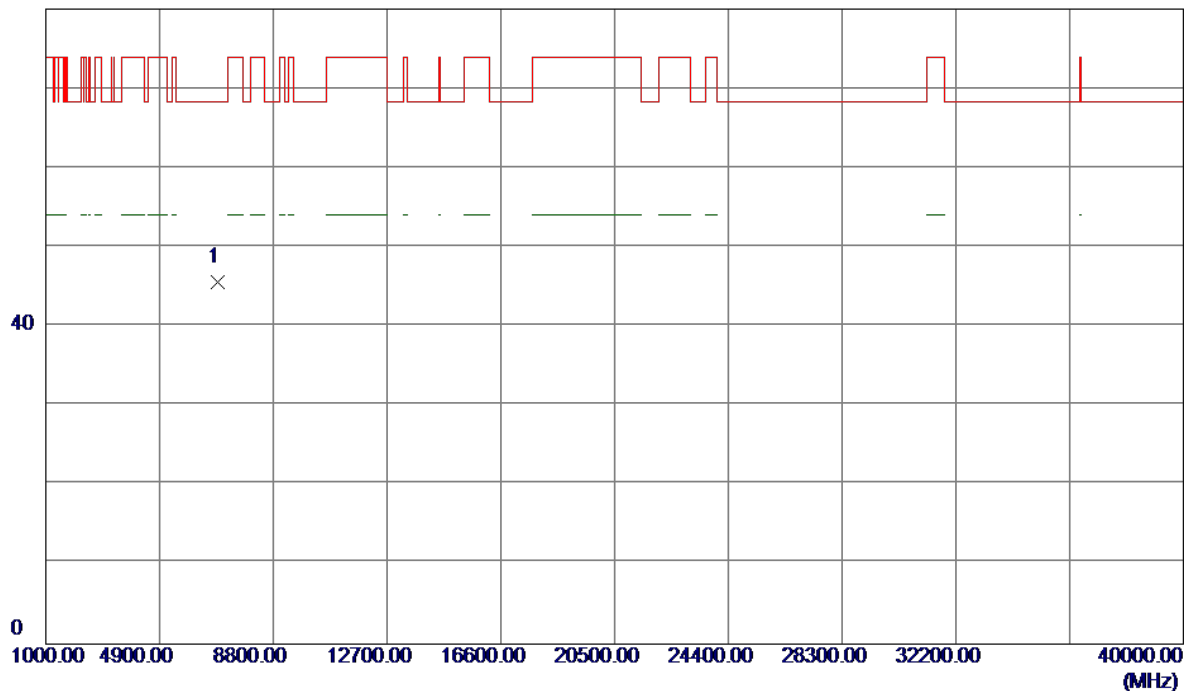


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	7.66	39.90	47.56	74.00	-26.44	Peak	
2	5150.0000	1.02	39.90	40.92	54.00	-13.08	AVG	
3 *	5184.4000	53.10	39.99	93.09	68.30	24.79	Peak	No Limit
4	5185.8000	45.74	40.00	85.74	999.00	-913.26	AVG	No Limit

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

Vertical

80 dBuV/m

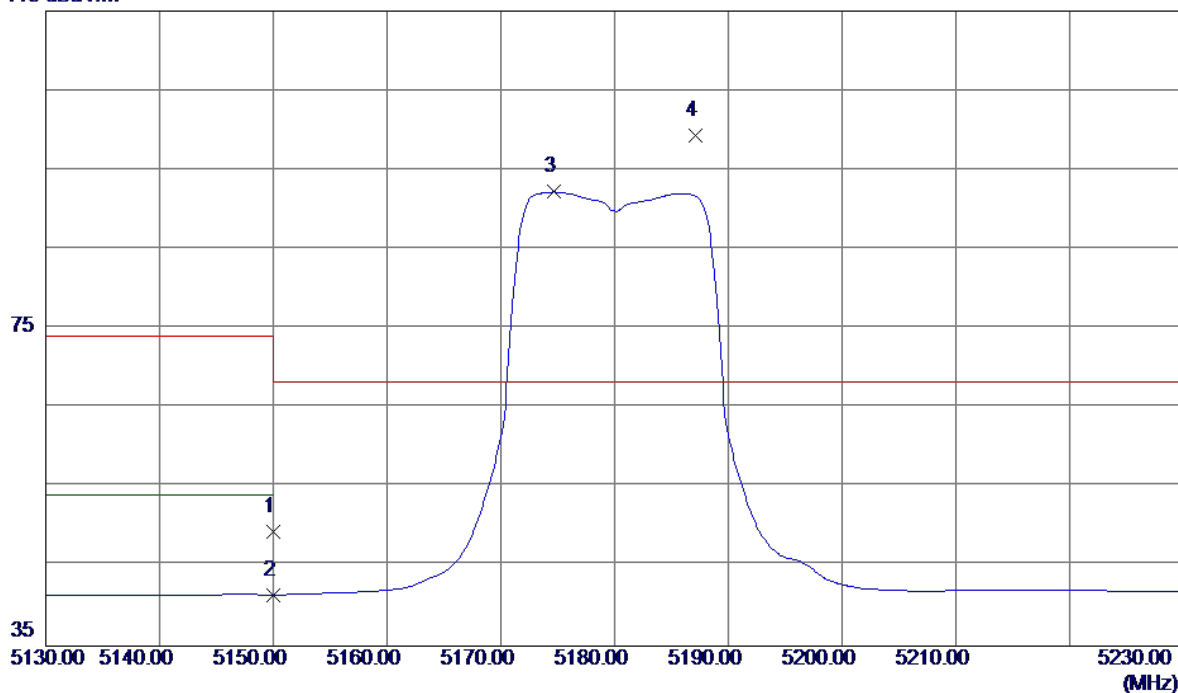


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.6700	35.71	9.84	45.55	68.30	-22.75	Peak	

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

Horizontal

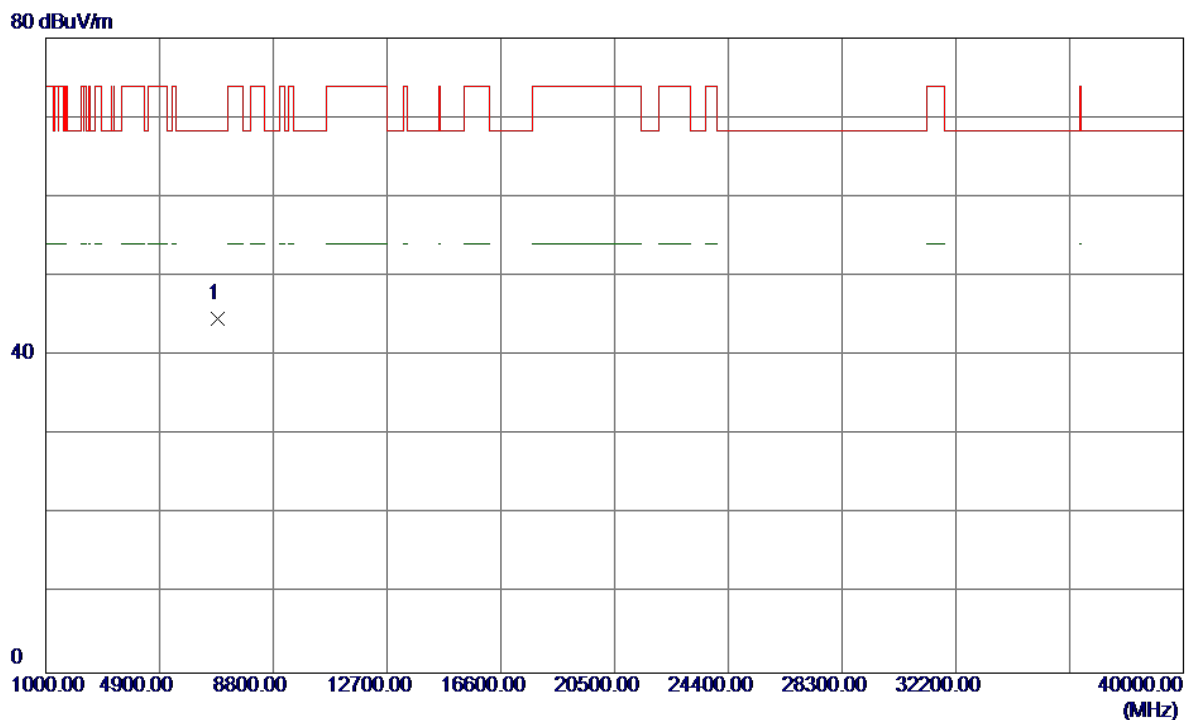
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.55	39.90	49.45	74.00	-24.55	Peak	
2	5150.0000	1.55	39.90	41.45	54.00	-12.55	AVG	
3	5174.7000	52.24	39.97	92.21	999.00	-906.79	AVG	No Limit
4 *	5187.1000	59.29	40.00	99.29	68.30	30.99	Peak	No Limit

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

Horizontal

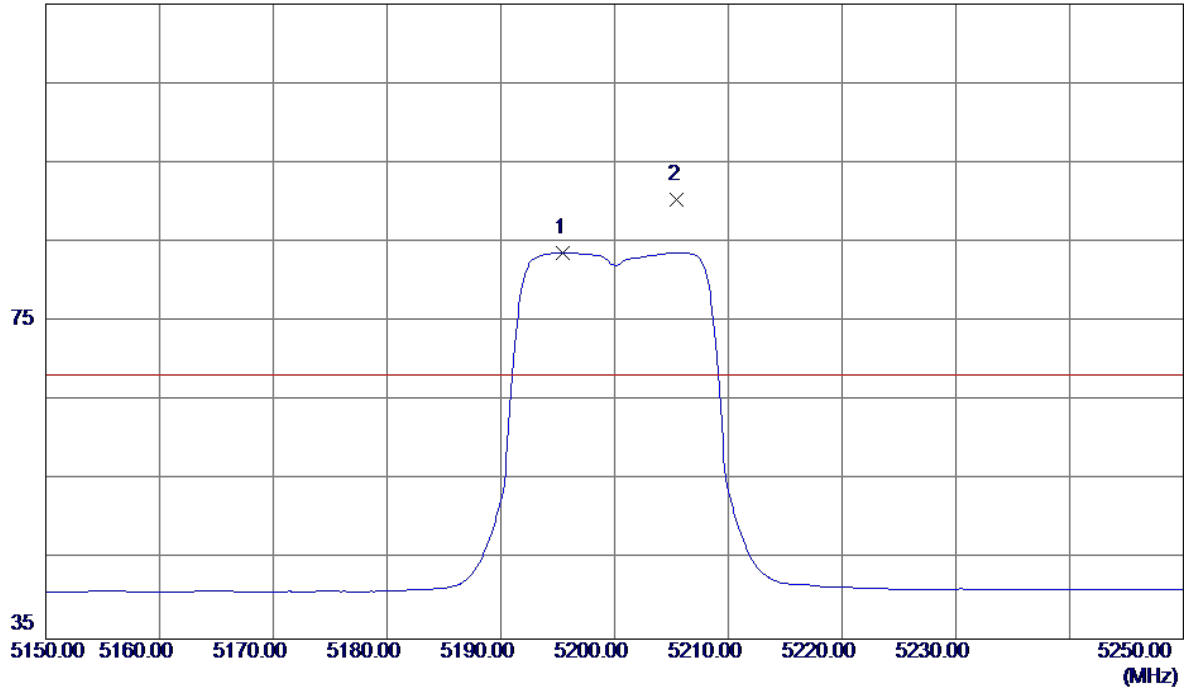


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.6150	34.80	9.84	44.64	68.30	-23.66	Peak	

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

Vertical

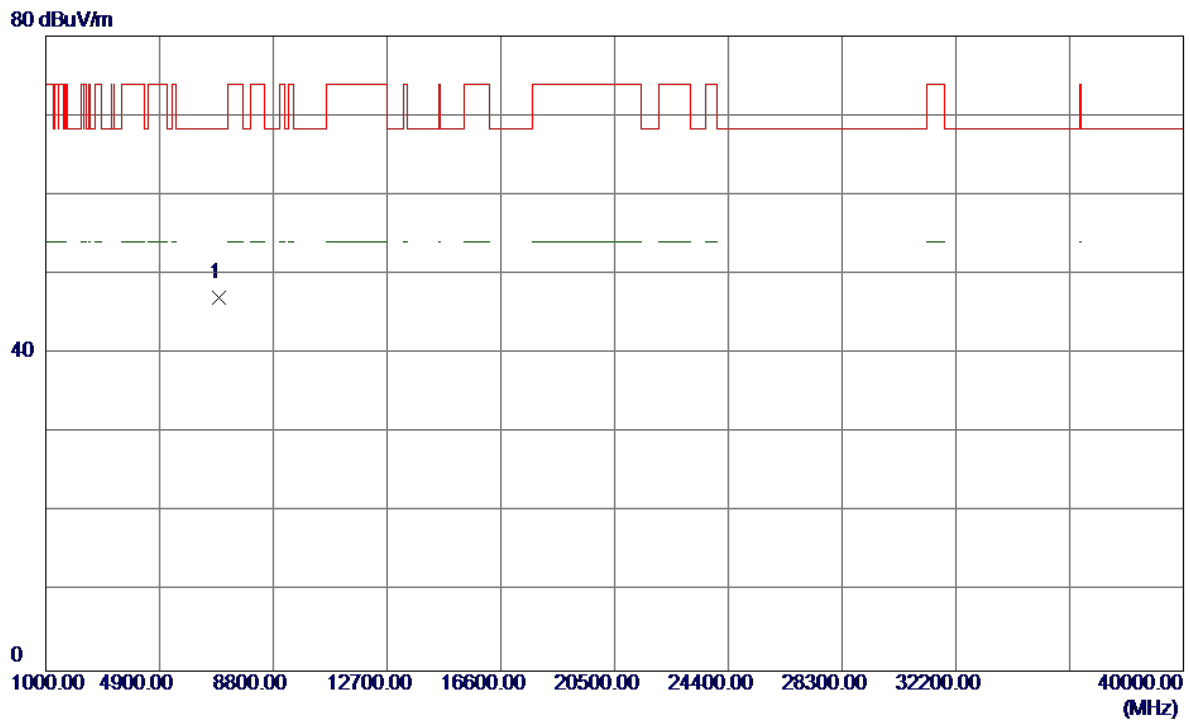
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5195.5000	43.68	40.02	83.70	999.00	-915.30	AVG	No Limit
2 *	5205.5000	50.33	40.05	90.38	68.30	22.08	Peak	No Limit

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

Vertical

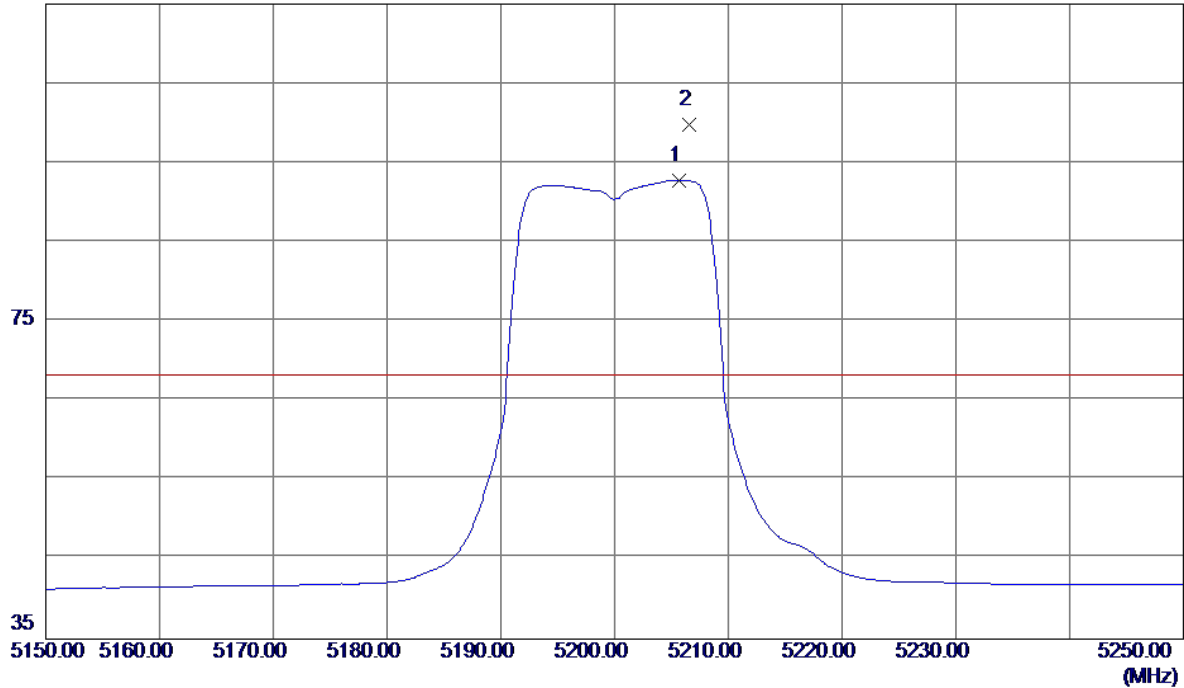


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.2900	37.22	9.86	47.08	68.30	-21.22	Peak	

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

Horizontal

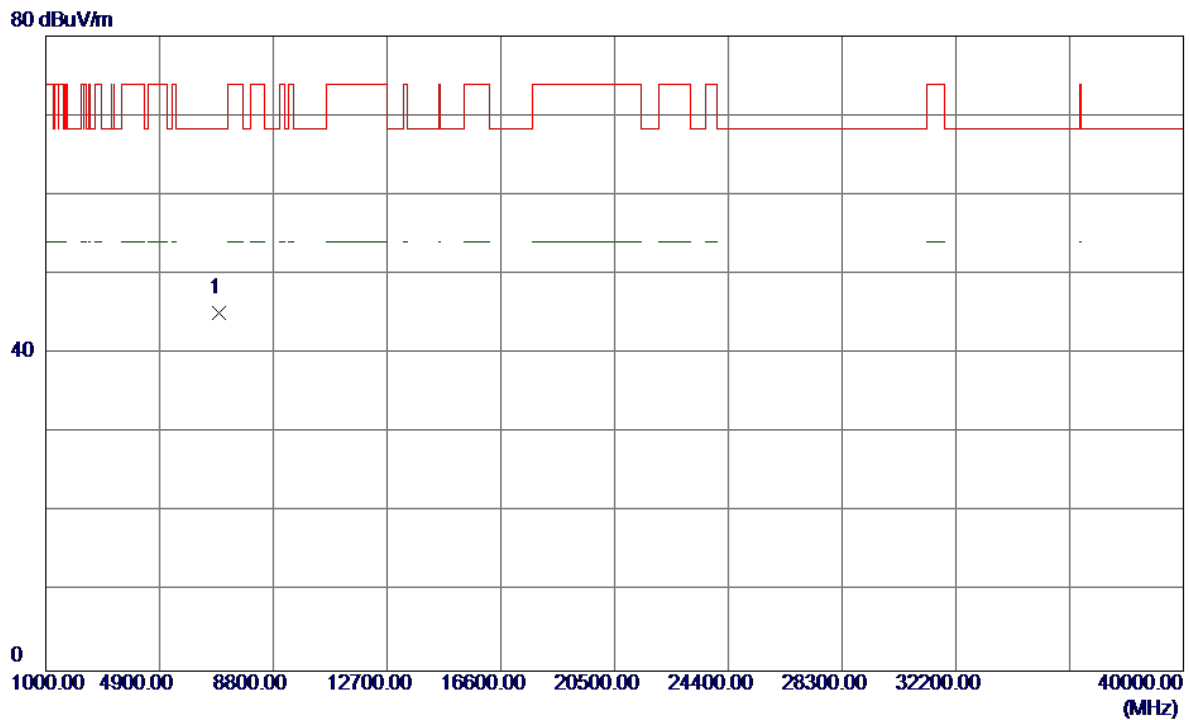
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5205.7000	52.78	40.05	92.83	999.00	-906.17	AVG	No Limit
2 *	5206.6000	59.79	40.05	99.84	68.30	31.54	Peak	No Limit

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

Horizontal

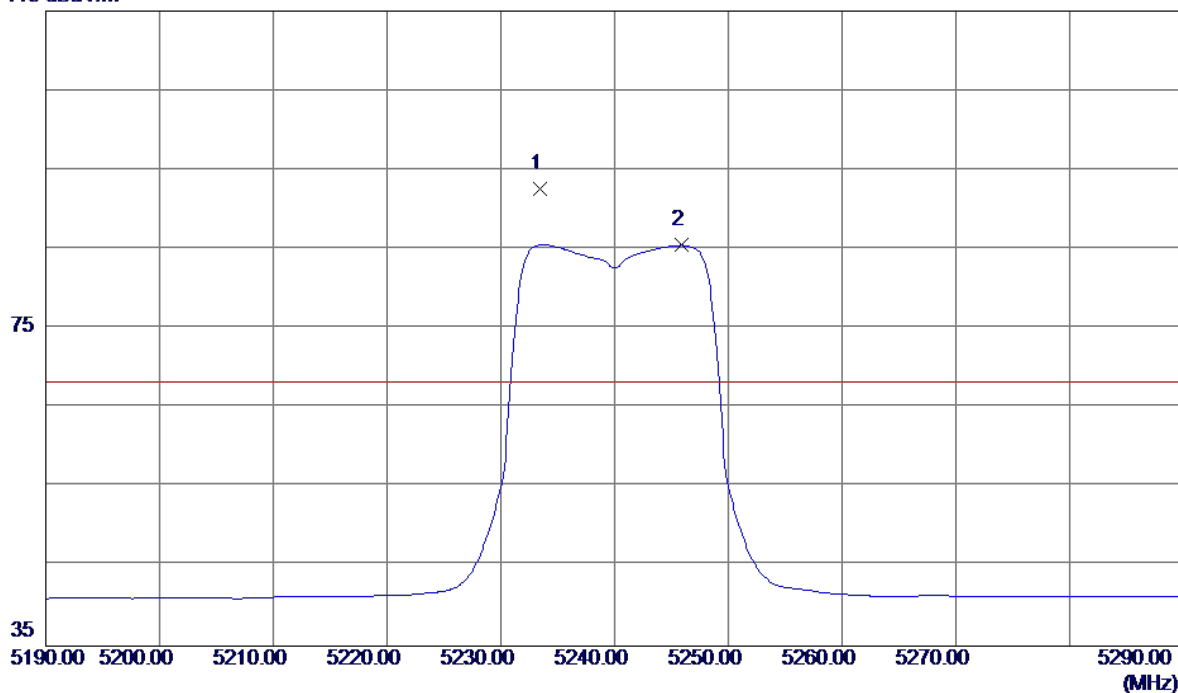


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.5350	35.23	9.86	45.09	68.30	-23.21	Peak	

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

Vertical

115 dBuV/m

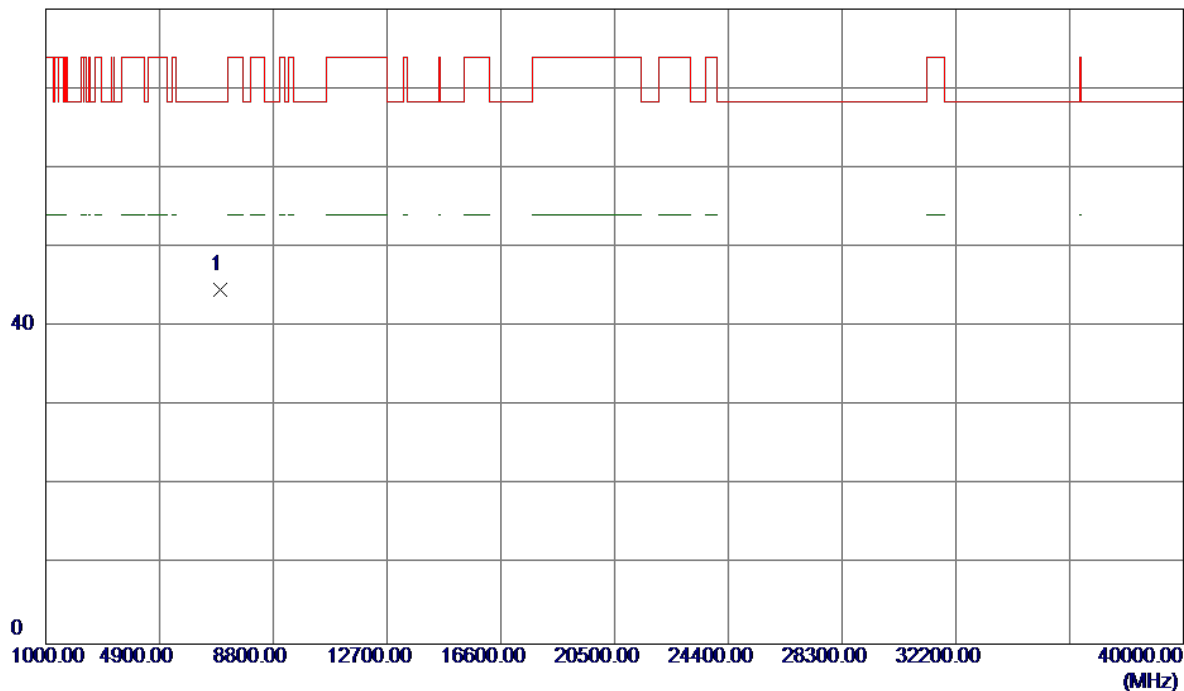


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5233.4000	52.46	40.13	92.59	68.30	24.29	Peak	No Limit
2	5245.9000	45.32	40.16	85.48	999.00	-913.52	AVG	No Limit

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

Vertical

80 dBuV/m

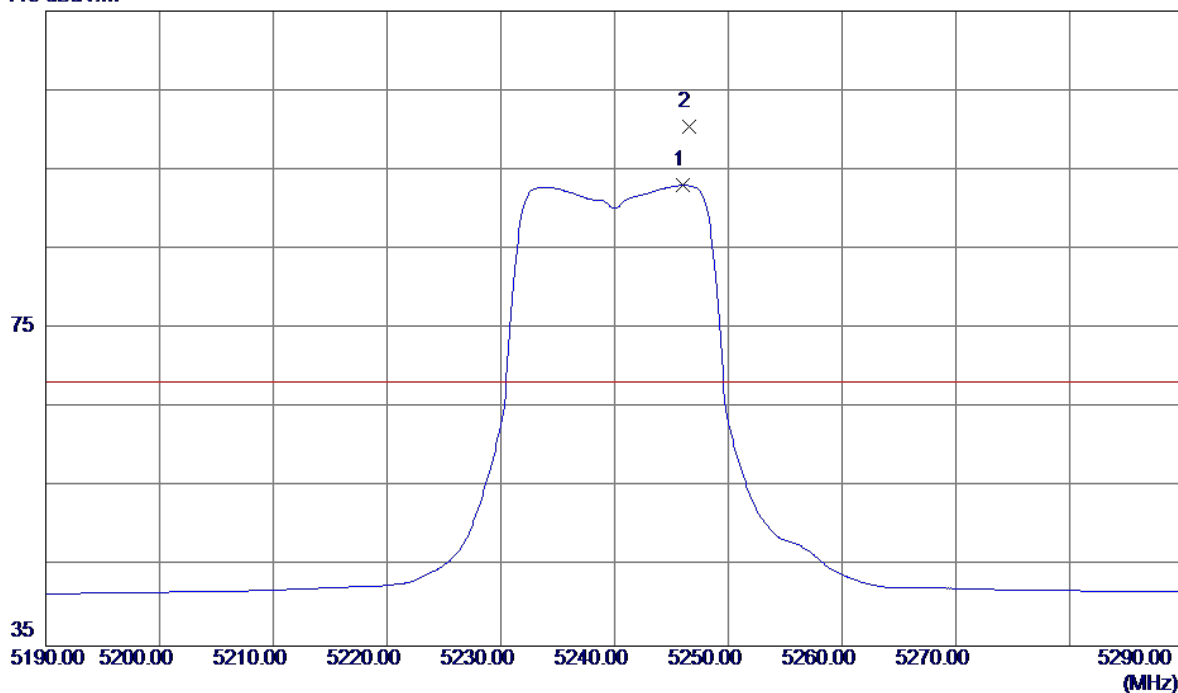


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6986.7300	34.81	9.89	44.70	68.30	-23.60	Peak	

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

Horizontal

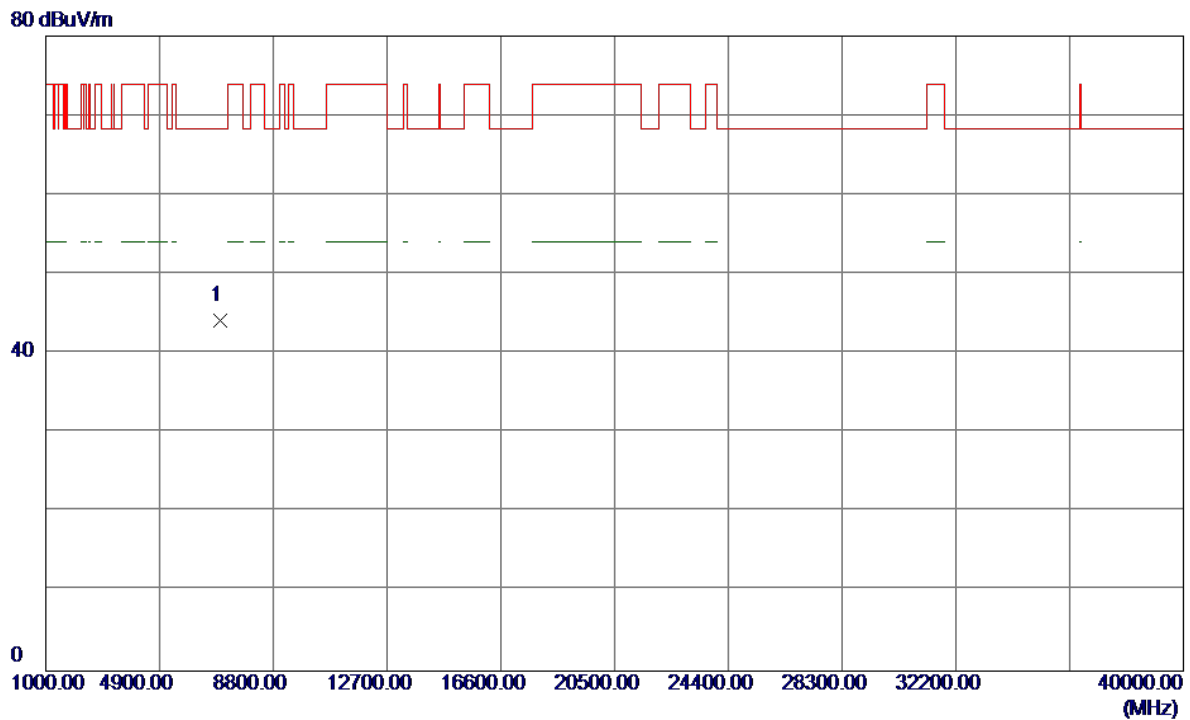
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5246.0000	52.88	40.16	93.04	999.00	-905.96	AVG	No Limit
2 *	5246.5000	60.25	40.17	100.42	68.30	32.12	Peak	No Limit

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

Horizontal

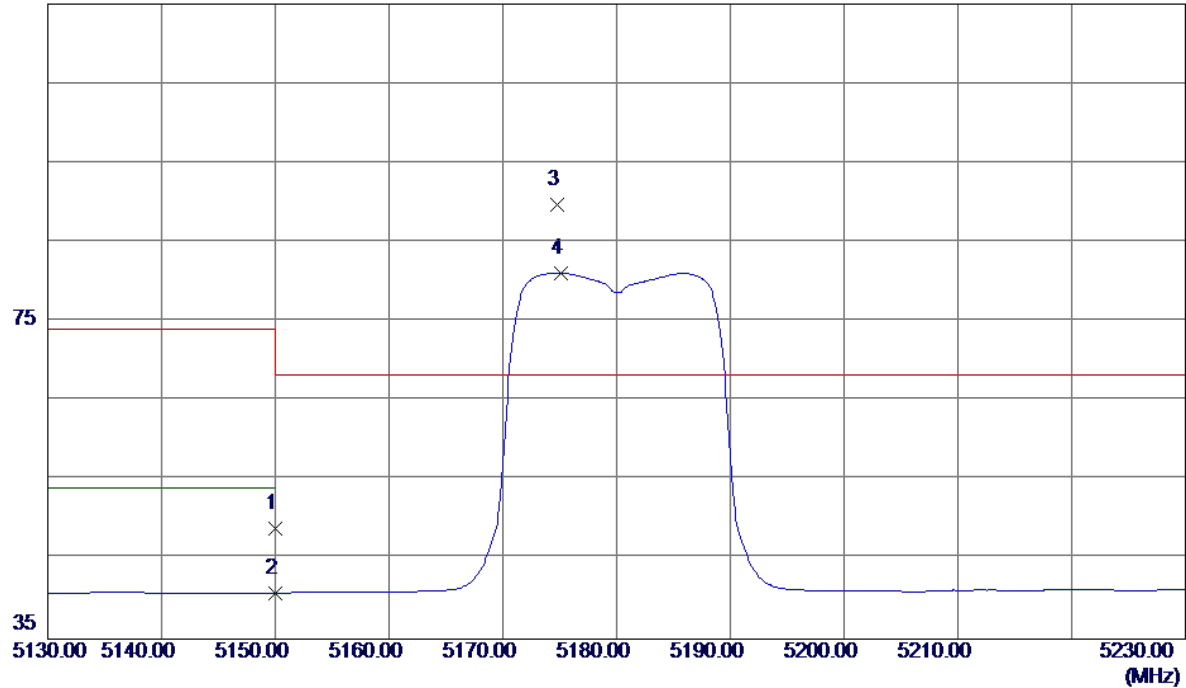


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6986.7700	34.34	9.89	44.23	68.30	-24.07	Peak	

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

Vertical

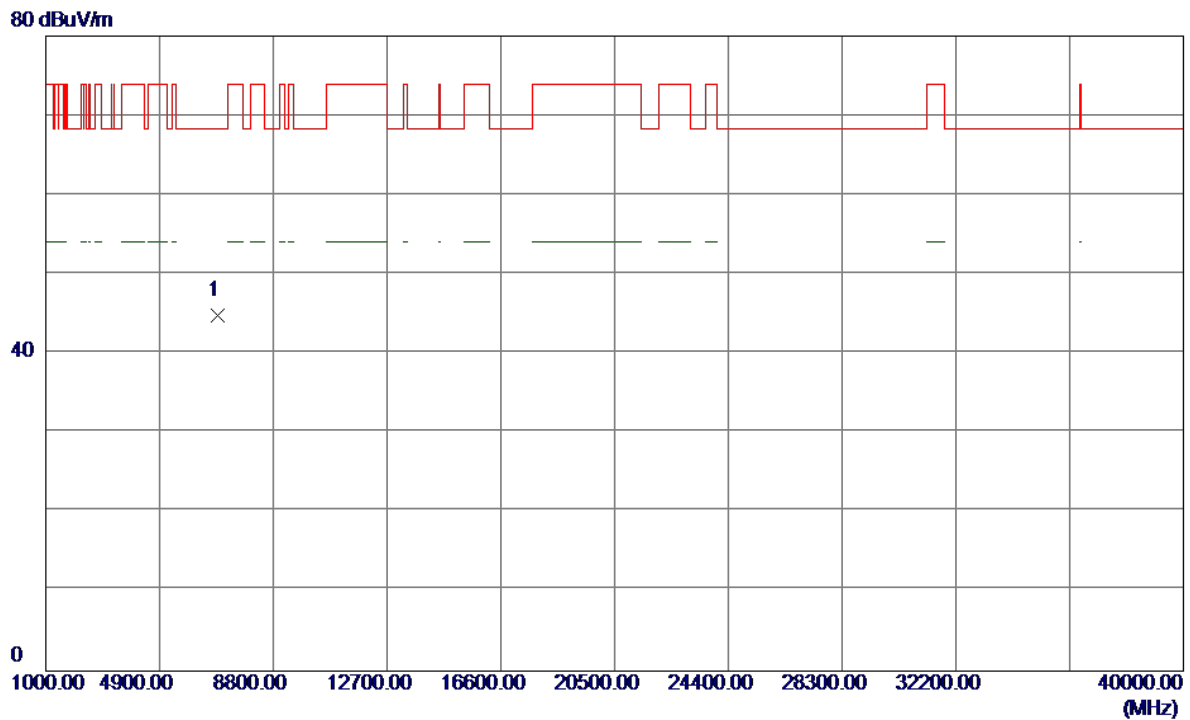
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.06	39.90	48.96	74.00	-25.04	Peak	
2	5150.0000	0.91	39.90	40.81	54.00	-13.19	AVG	
3 *	5174.8000	49.77	39.97	89.74	68.30	21.44	Peak	No Limit
4	5175.1000	41.16	39.97	81.13	999.00	-917.87	AVG	No Limit

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

Vertical

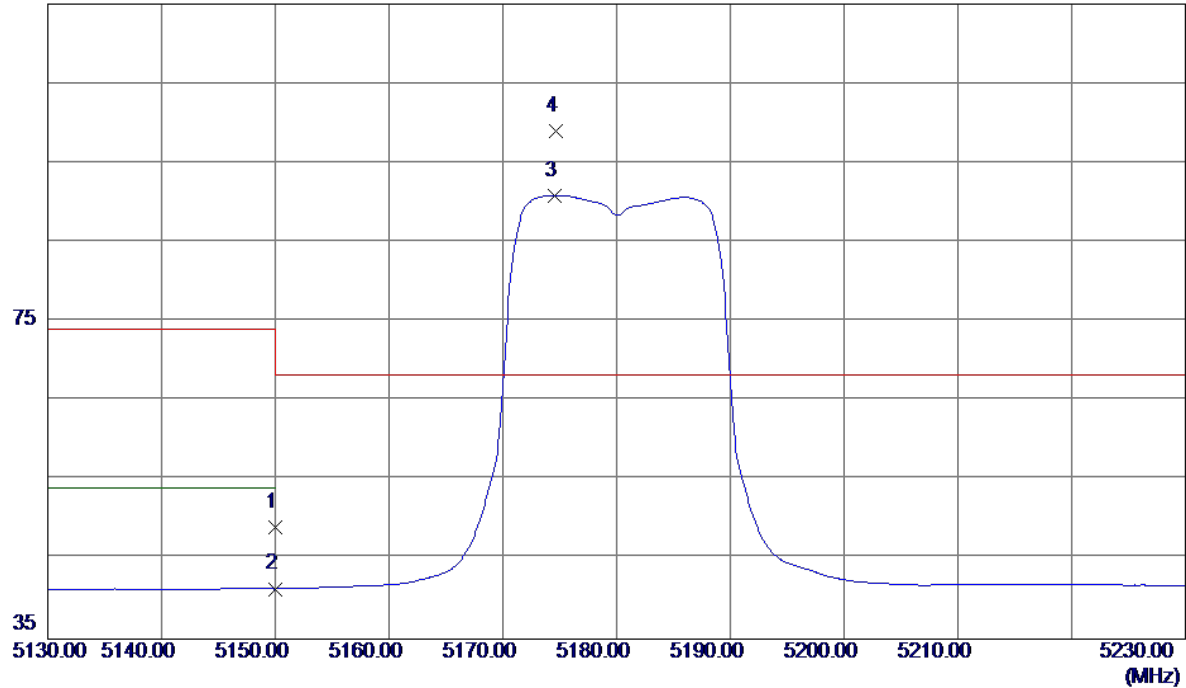


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.4900	35.00	9.84	44.84	68.30	-23.46	Peak	

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

Horizontal

115 dBuV/m

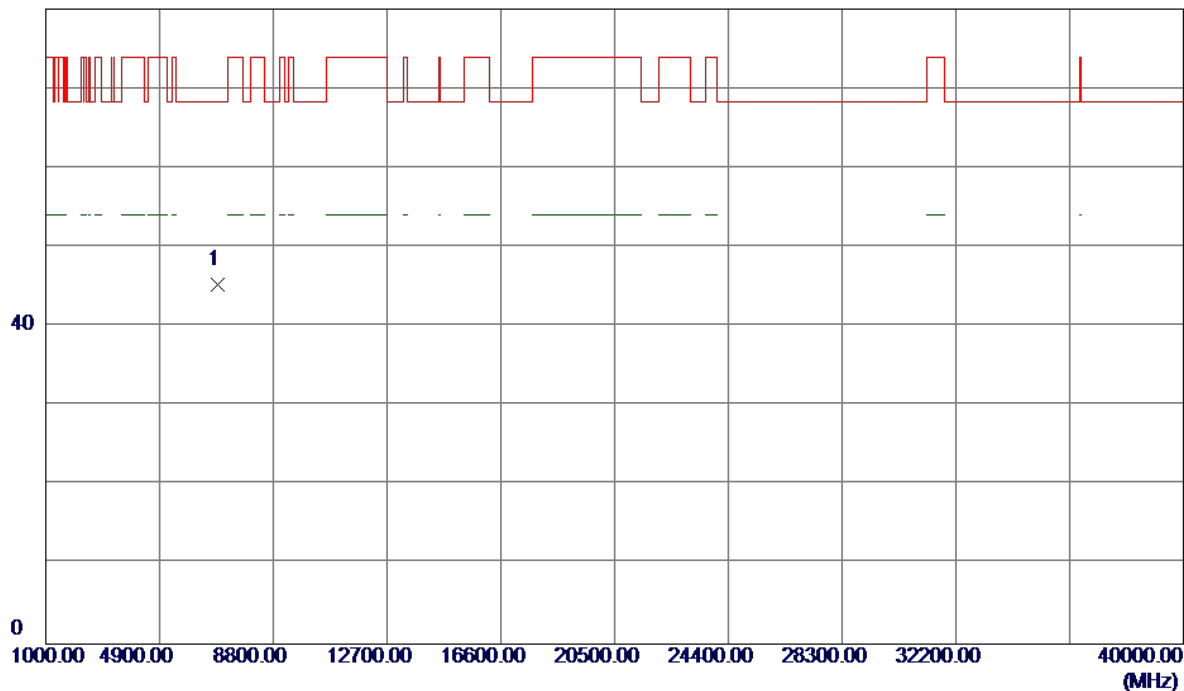


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.20	39.90	49.10	74.00	-24.90	Peak	
2	5150.0000	1.42	39.90	41.32	54.00	-12.68	AVG	
3	5174.6000	50.94	39.97	90.91	999.00	-908.09	AVG	No Limit
4 *	5174.7000	59.08	39.97	99.05	68.30	30.75	Peak	No Limit

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

Horizontal

80 dBuV/m

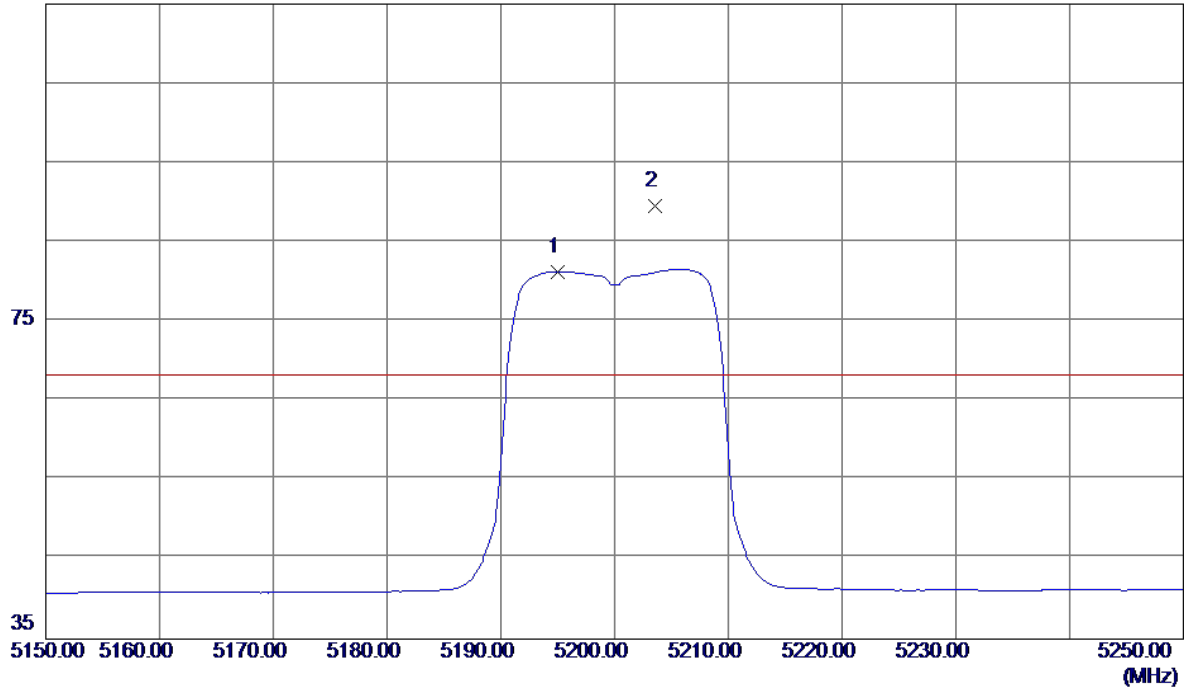


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.5350	35.45	9.84	45.29	68.30	-23.01	Peak	

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

Vertical

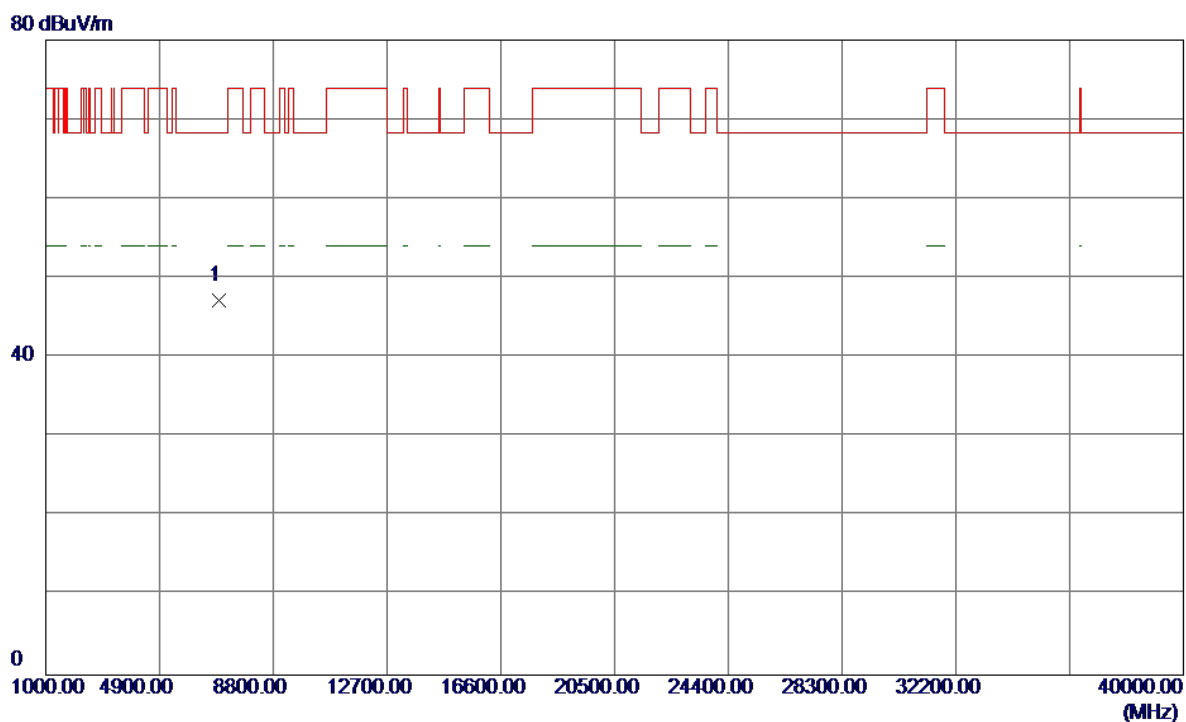
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5195.0000	41.26	40.02	81.28	999.00	-917.72	AVG	No Limit
2 *	5203.6000	49.52	40.05	89.57	68.30	21.27	Peak	No Limit

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

Vertical

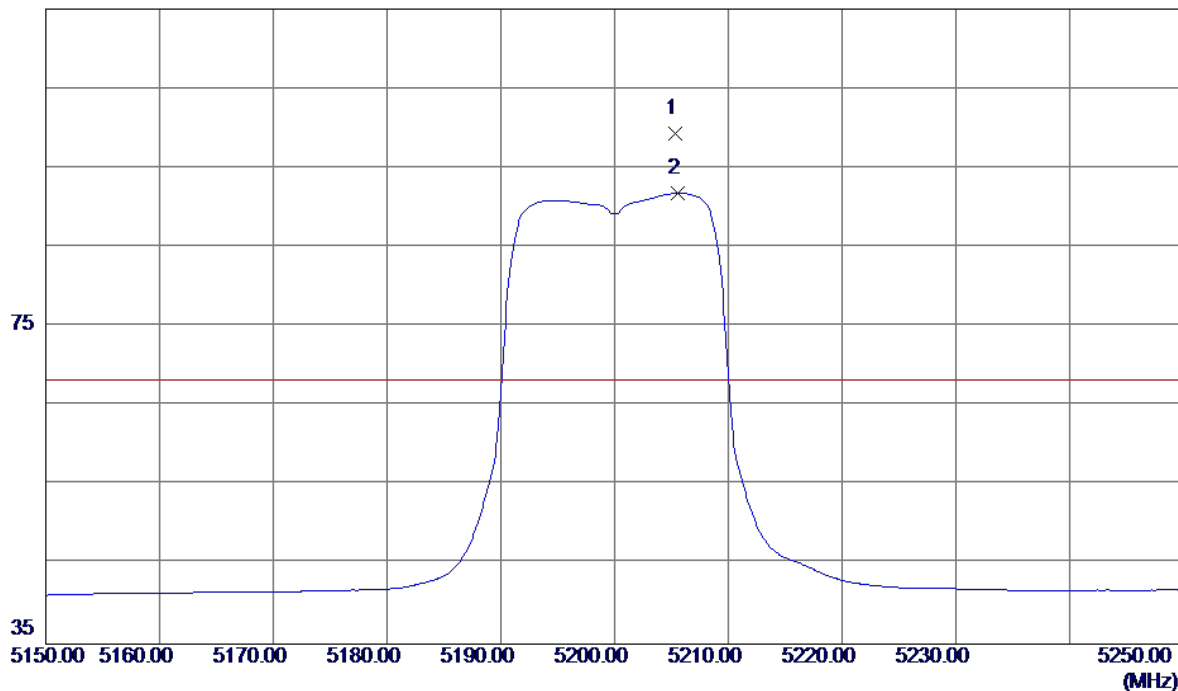


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.4700	37.35	9.86	47.21	68.30	-21.09	Peak	

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

Horizontal

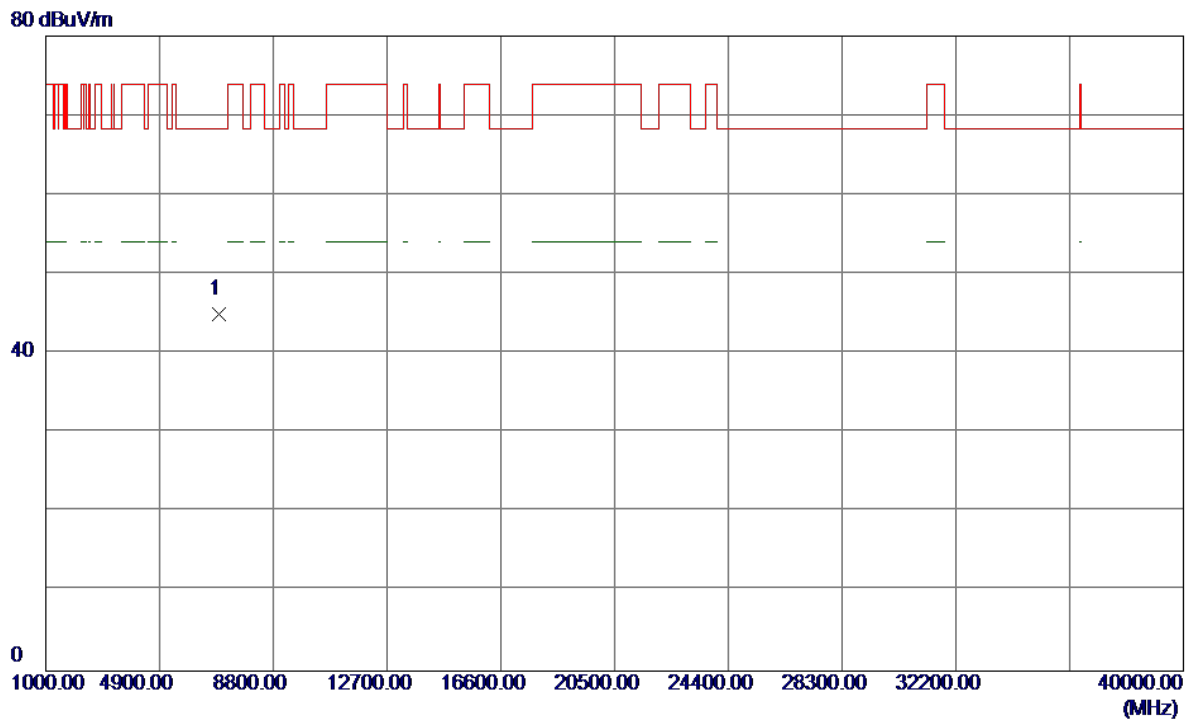
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5205.3000	59.20	40.05	99.25	68.30	30.95	Peak	No Limit
2	5205.6000	51.74	40.05	91.79	999.00	-907.21	AVG	No Limit

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

Horizontal

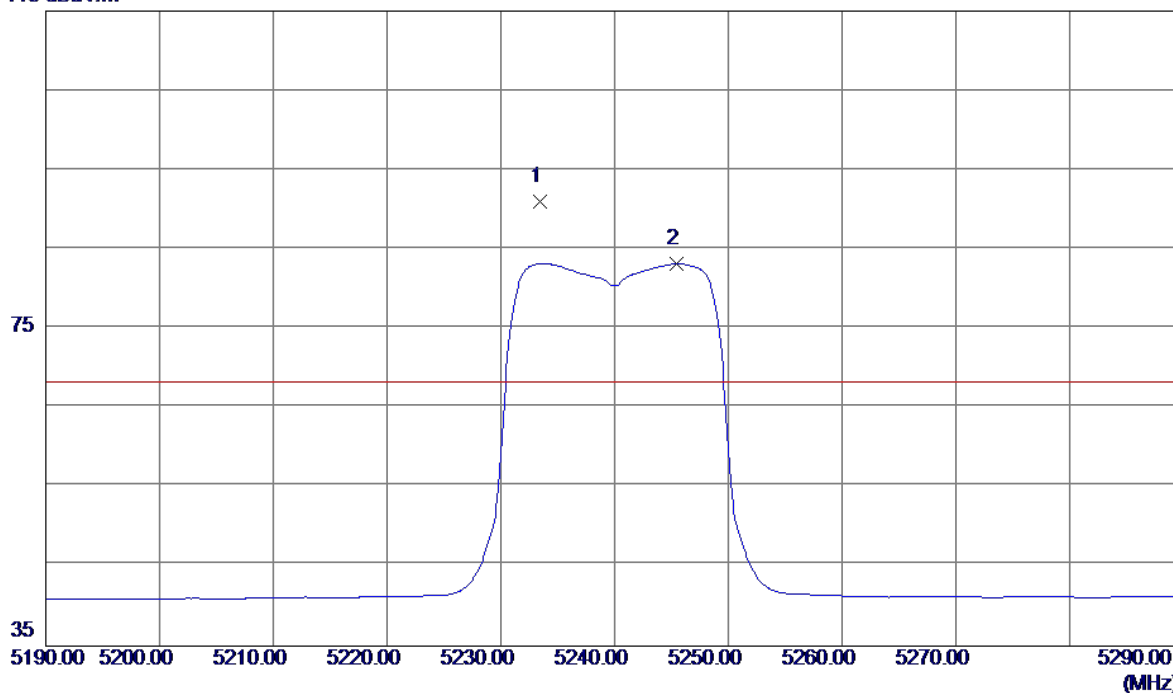


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.1450	35.06	9.86	44.92	68.30	-23.38	Peak	

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

Vertical

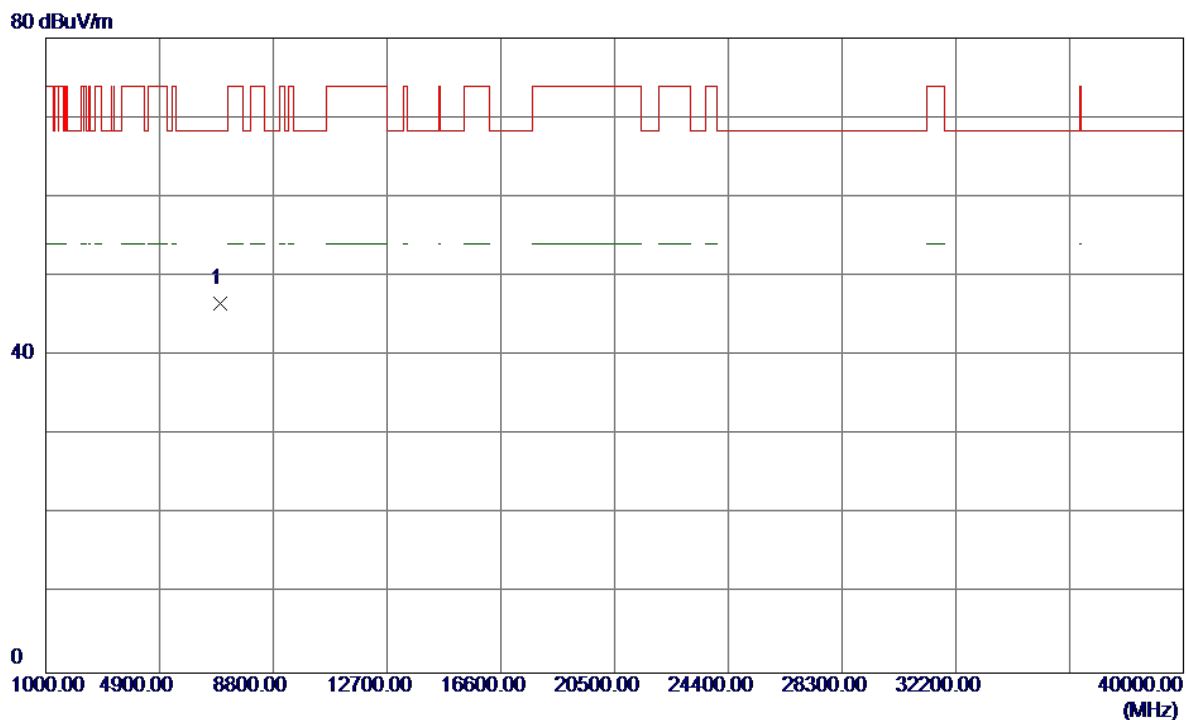
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5233.4000	50.87	40.13	91.00	68.30	22.70	Peak	No Limit
2	5245.4000	42.97	40.16	83.13	999.00	-915.87	AVG	No Limit

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

Vertical

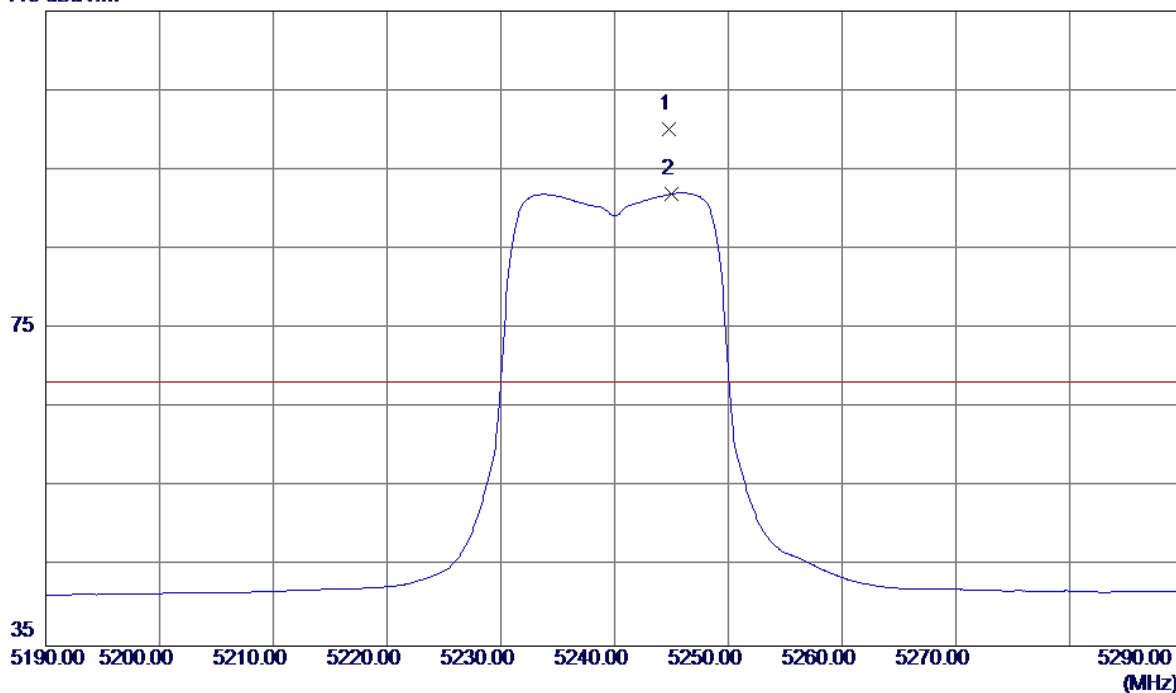


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6986.4950	36.66	9.89	46.55	68.30	-21.75	Peak	

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

Horizontal

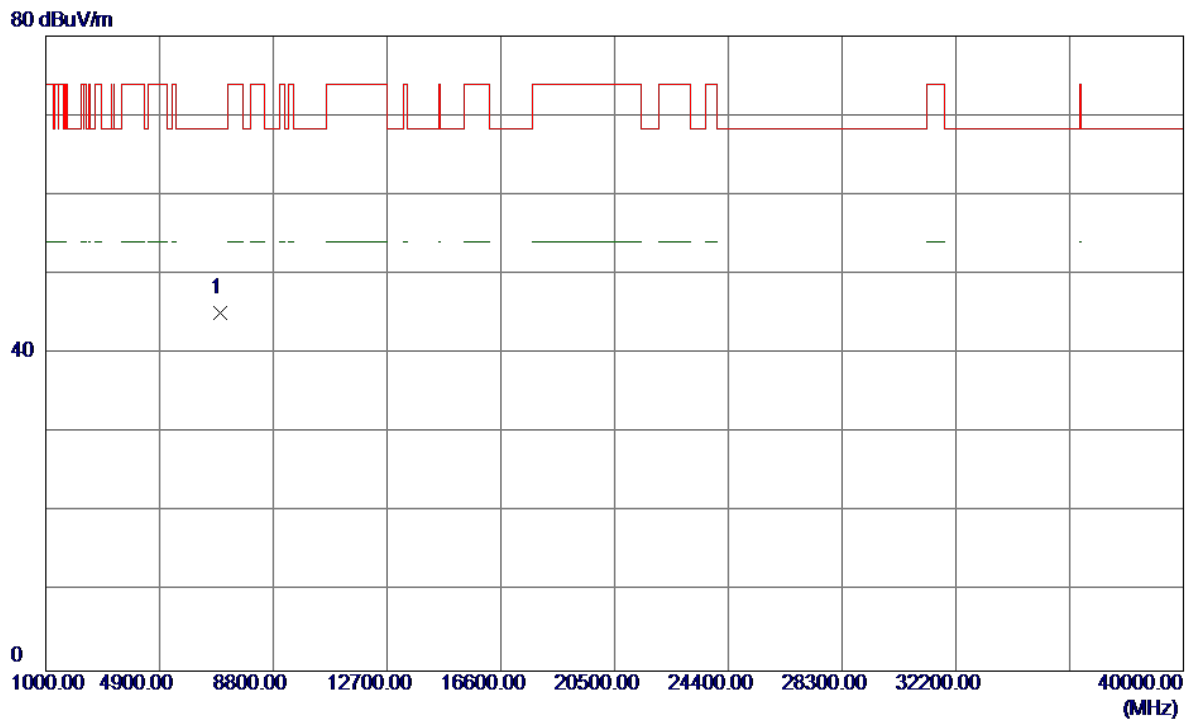
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5244.8000	59.94	40.16	100.10	68.30	31.80	Peak	No Limit
2	5245.0000	51.80	40.16	91.96	999.00	-907.04	AVG	No Limit

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

Horizontal

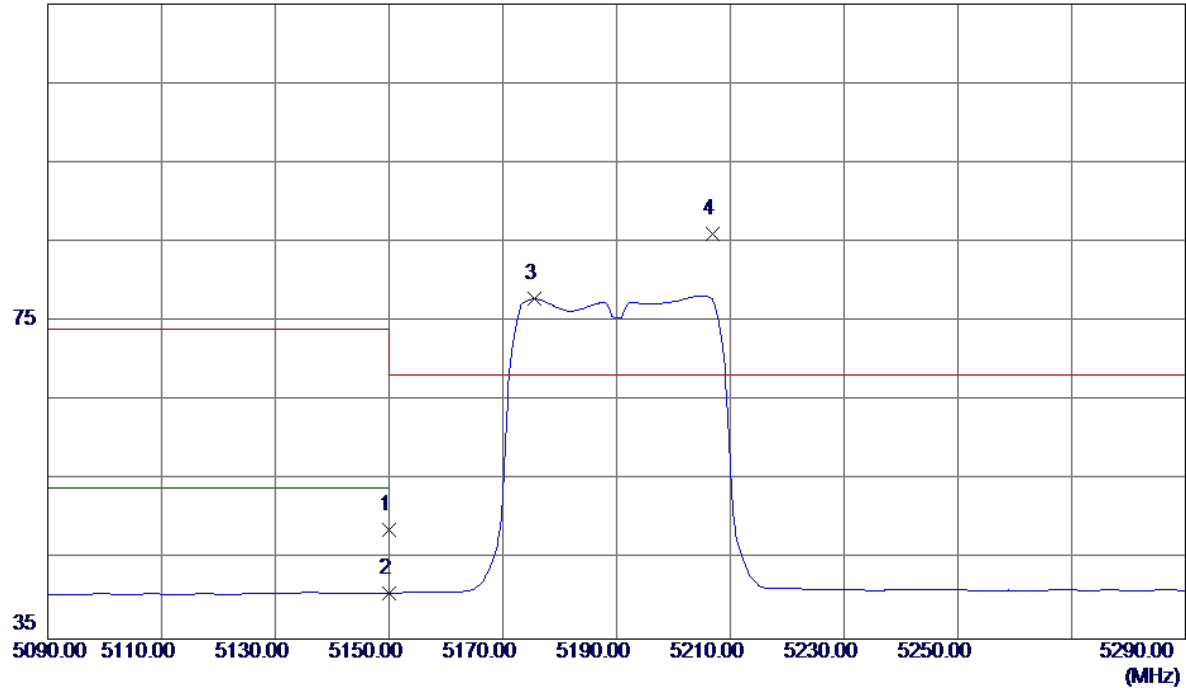


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6986.6550	35.19	9.89	45.08	68.30	-23.22	Peak	

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

Vertical

115 dBuV/m

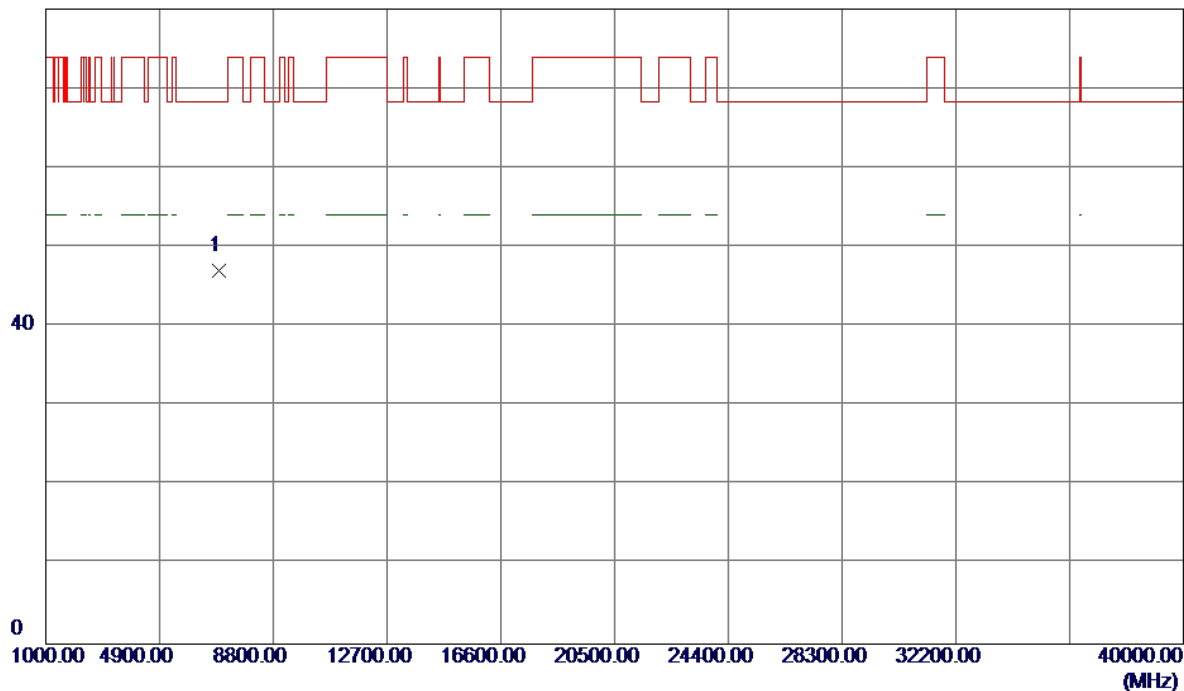


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	8.83	39.90	48.73	74.00	-25.27	Peak	
2	5150.0000	0.86	39.90	40.76	54.00	-13.24	AVG	
3	5175.6000	37.86	39.97	77.83	999.00	-921.17	AVG	No Limit
4 *	5206.8000	46.05	40.05	86.10	68.30	17.80	Peak	No Limit

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

Vertical

80 dBuV/m

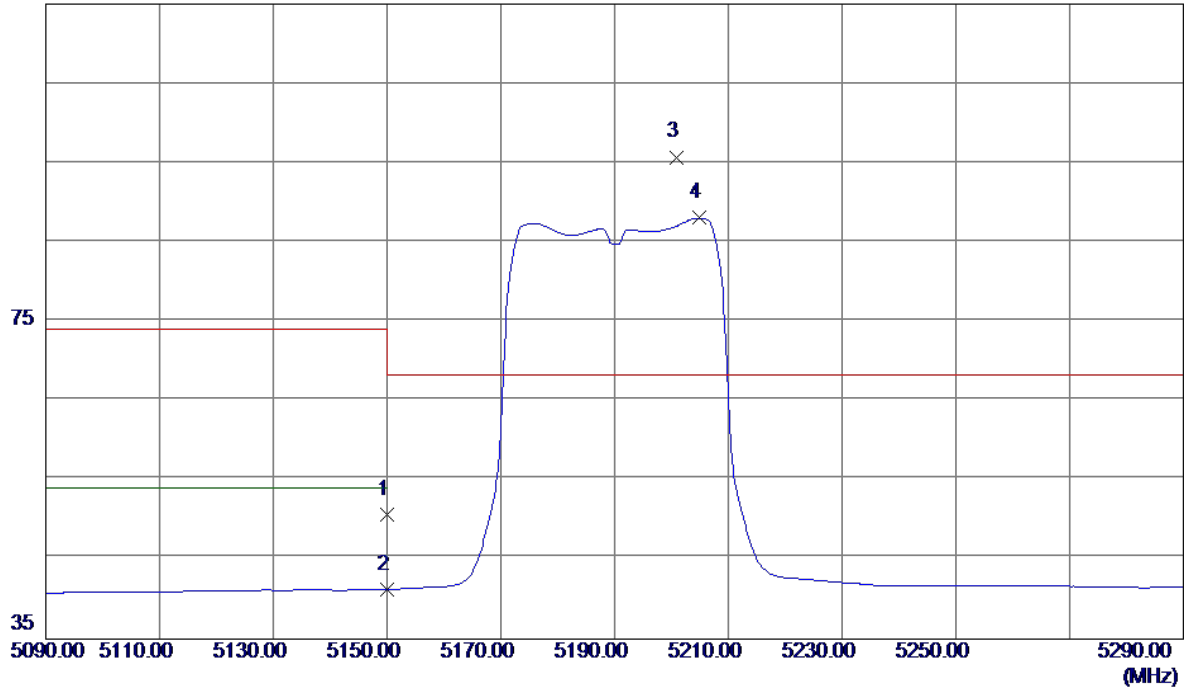


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6920.0200	37.16	9.85	47.01	68.30	-21.29	Peak	

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

Horizontal

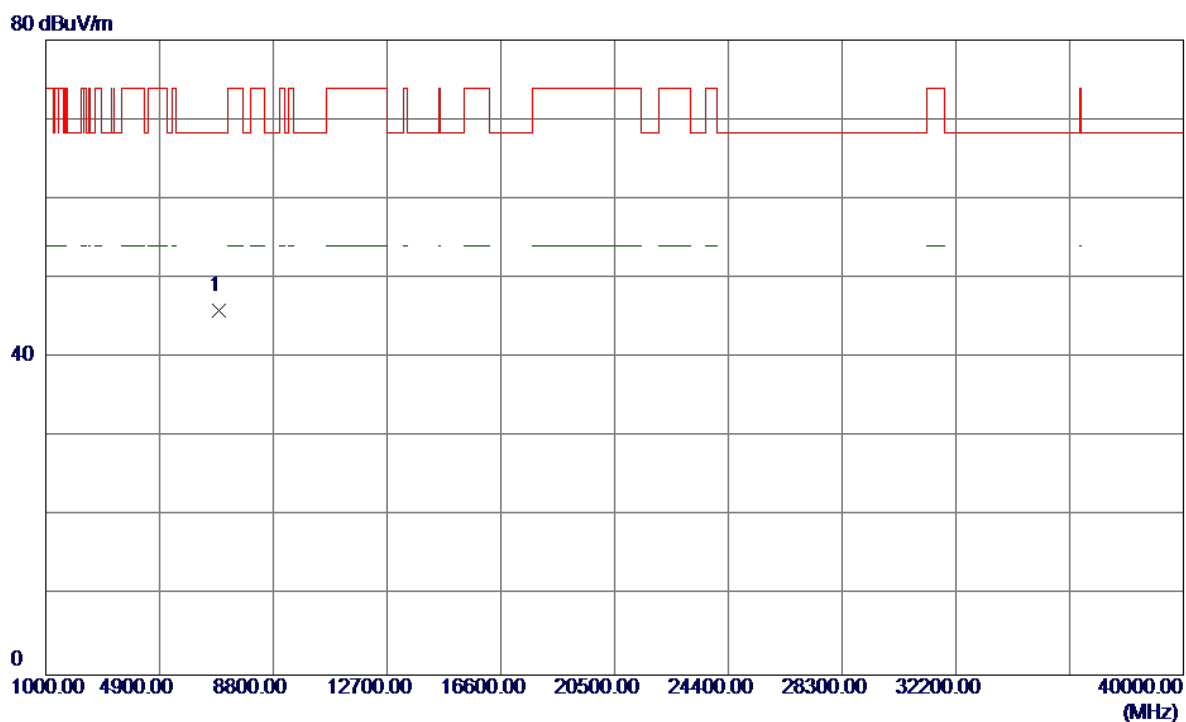
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	10.74	39.90	50.64	74.00	-23.36	Peak	
2	5150.0000	1.35	39.90	41.25	54.00	-12.75	AVG	
3 *	5200.8000	55.68	40.04	95.72	68.30	27.42	Peak	No Limit
4	5204.8000	47.99	40.05	88.04	999.00	-910.96	AVG	No Limit

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

Horizontal

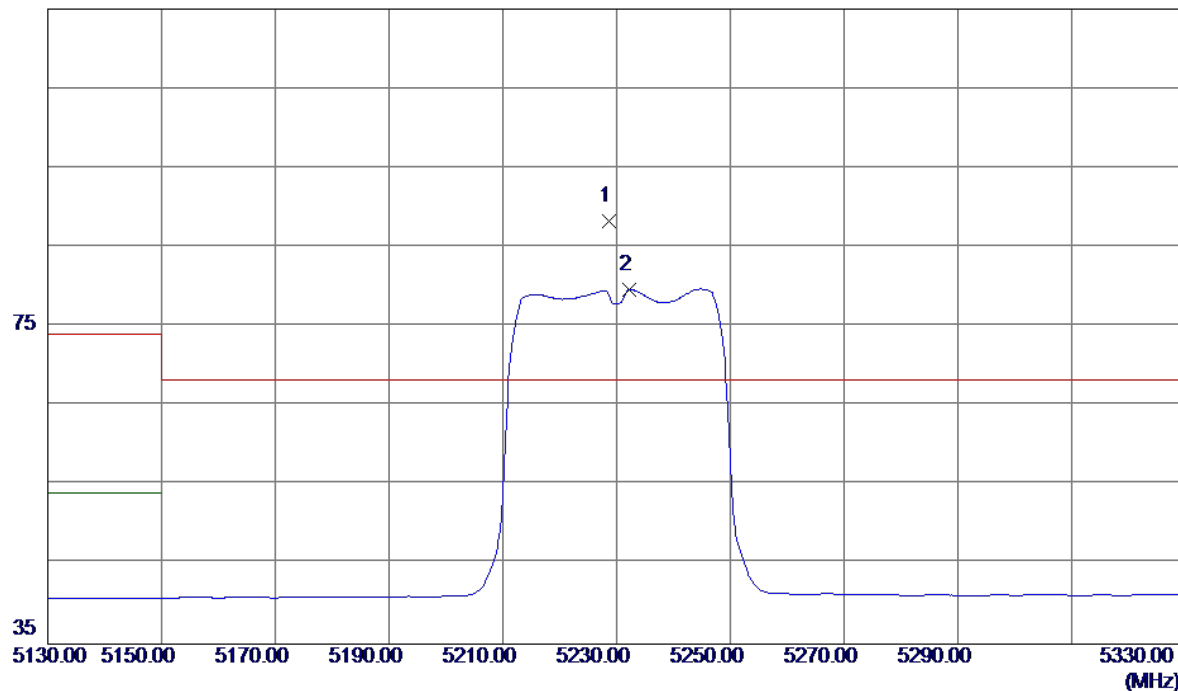


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6919.9200	36.06	9.85	45.91	68.30	-22.39	Peak	

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

Vertical

115 dBuV/m

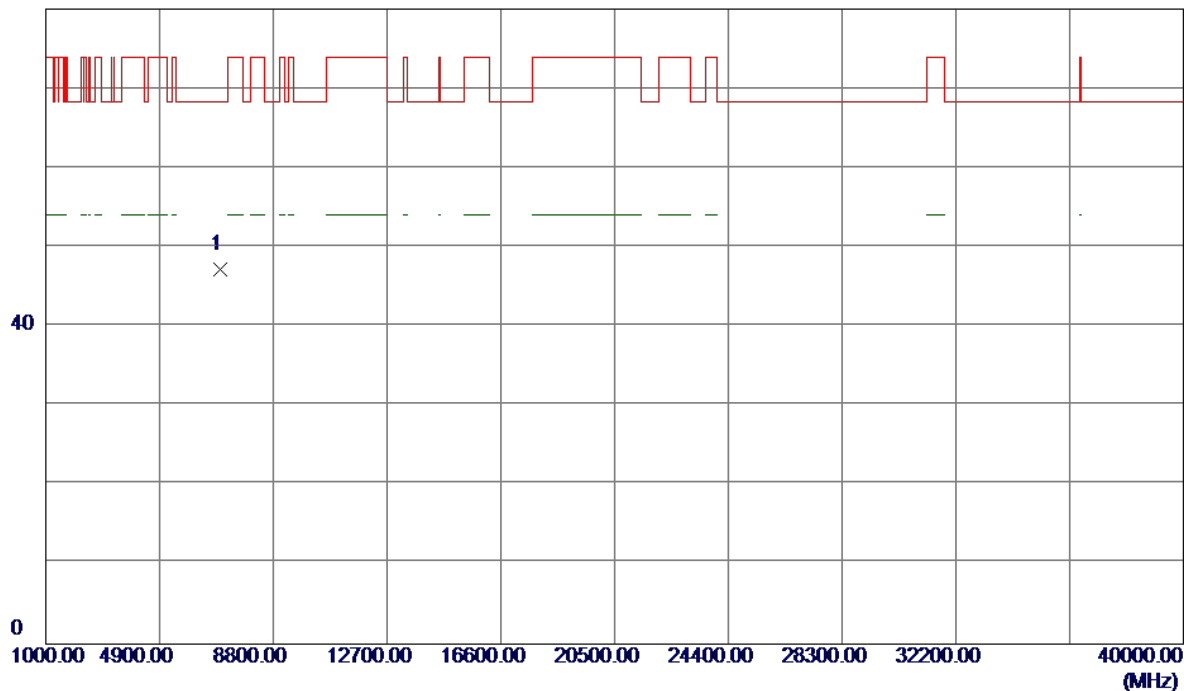


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5228.6000	48.18	40.12	88.30	68.30	20.00	Peak	No Limit
2	5232.2000	39.58	40.13	79.71	999.00	-919.29	AVG	No Limit

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

Vertical

80 dBuV/m

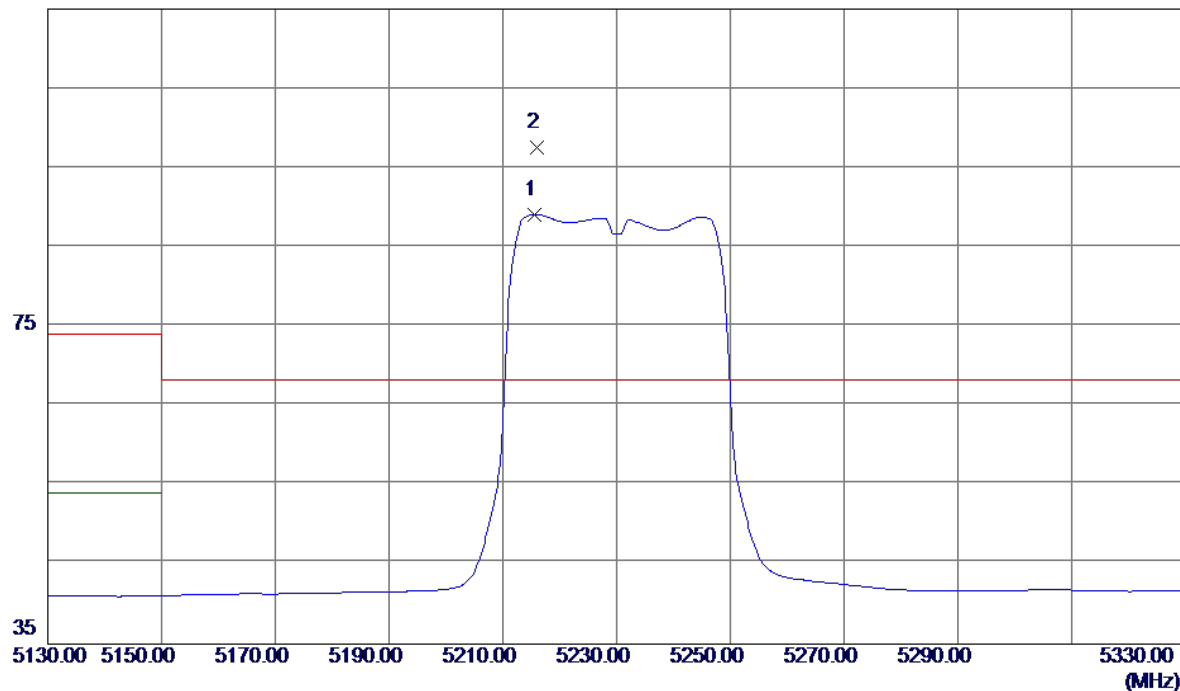


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6973.2900	37.33	9.88	47.21	68.30	-21.09	Peak	

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

Horizontal

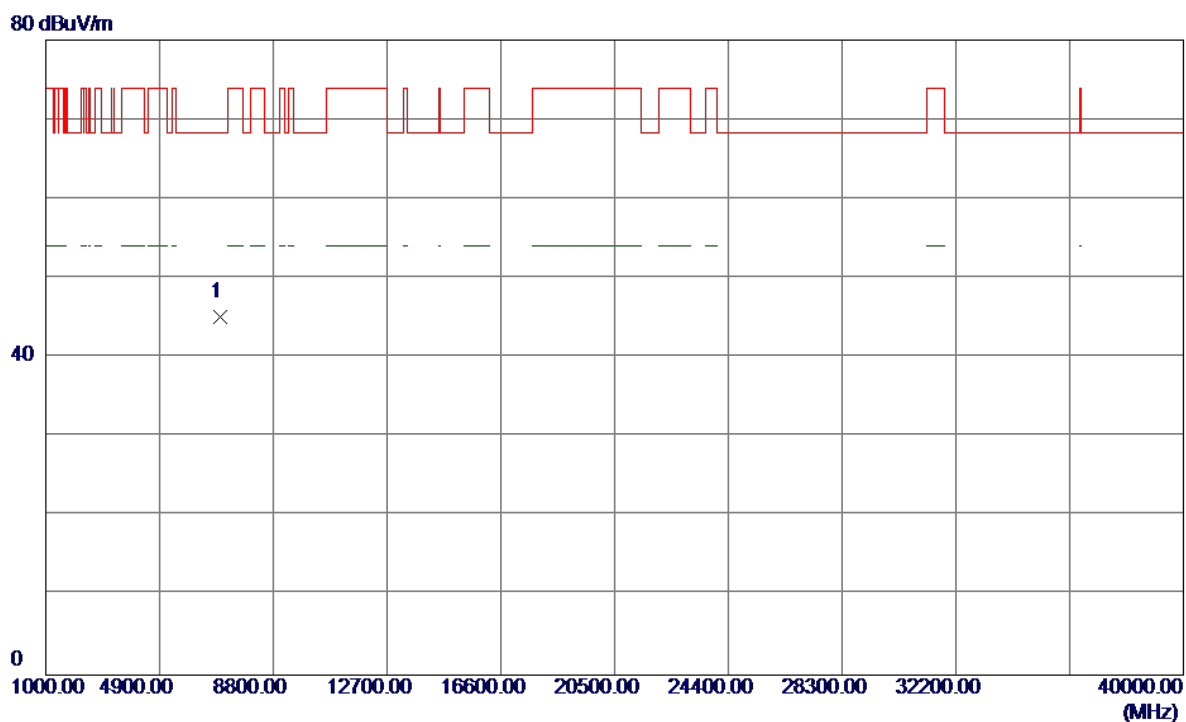
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5215.6000	49.06	40.08	89.14	999.00	-909.86	AVG	No Limit
2 *	5216.0000	57.45	40.08	97.53	68.30	29.23	Peak	No Limit

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

Horizontal

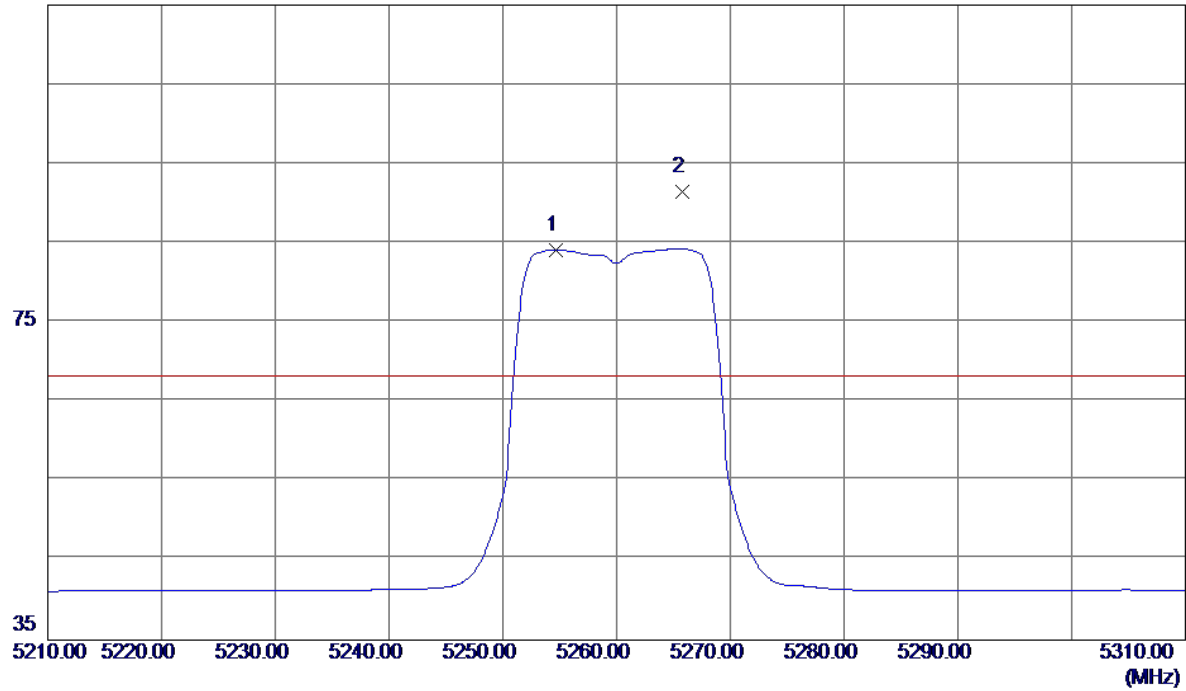


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6973.3400	35.26	9.88	45.14	68.30	-23.16	Peak	

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

Vertical

115 dBuV/m

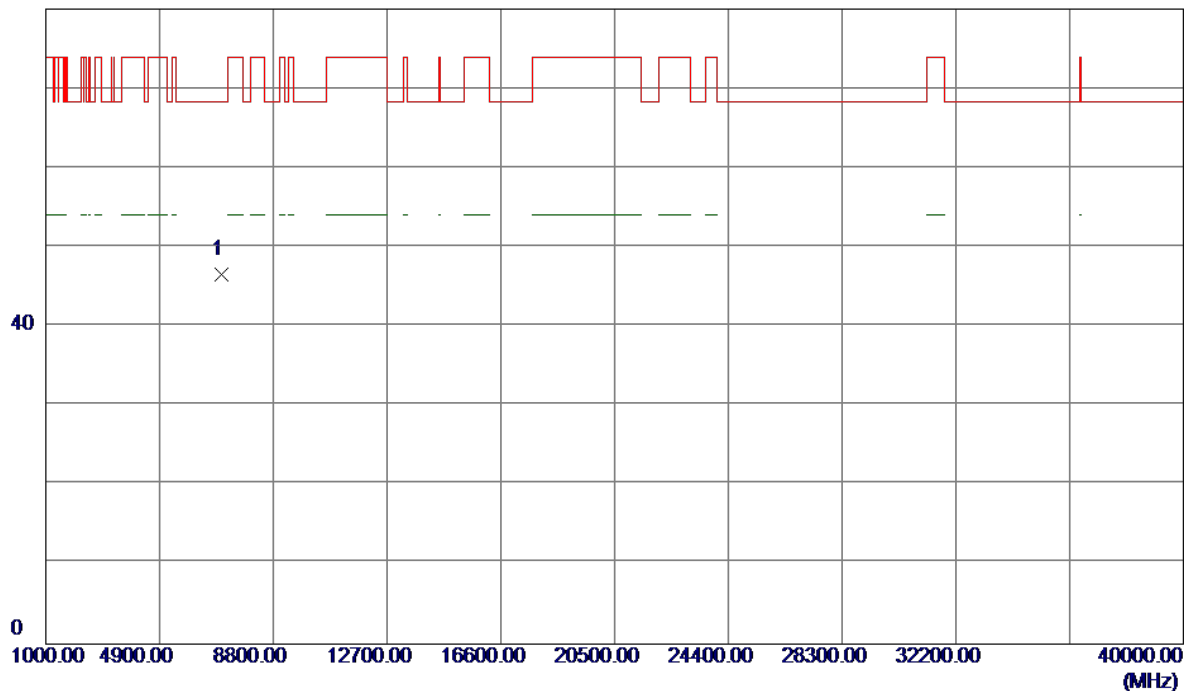


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5254.7000	43.95	40.19	84.14	999.00	-914.86	AVG	No Limit
2 *	5265.8000	51.23	40.22	91.45	68.30	23.15	Peak	No Limit

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

Vertical

80 dBuV/m

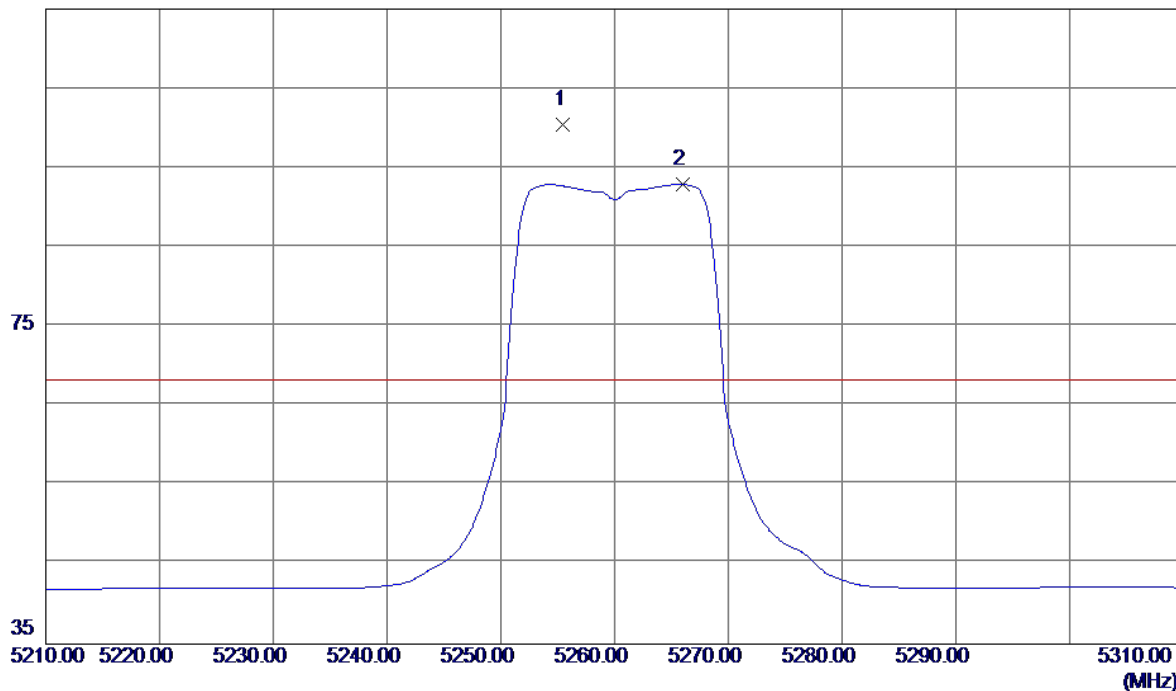


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.3900	36.58	9.93	46.51	68.30	-21.79	Peak	

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

Horizontal

115 dBuV/m

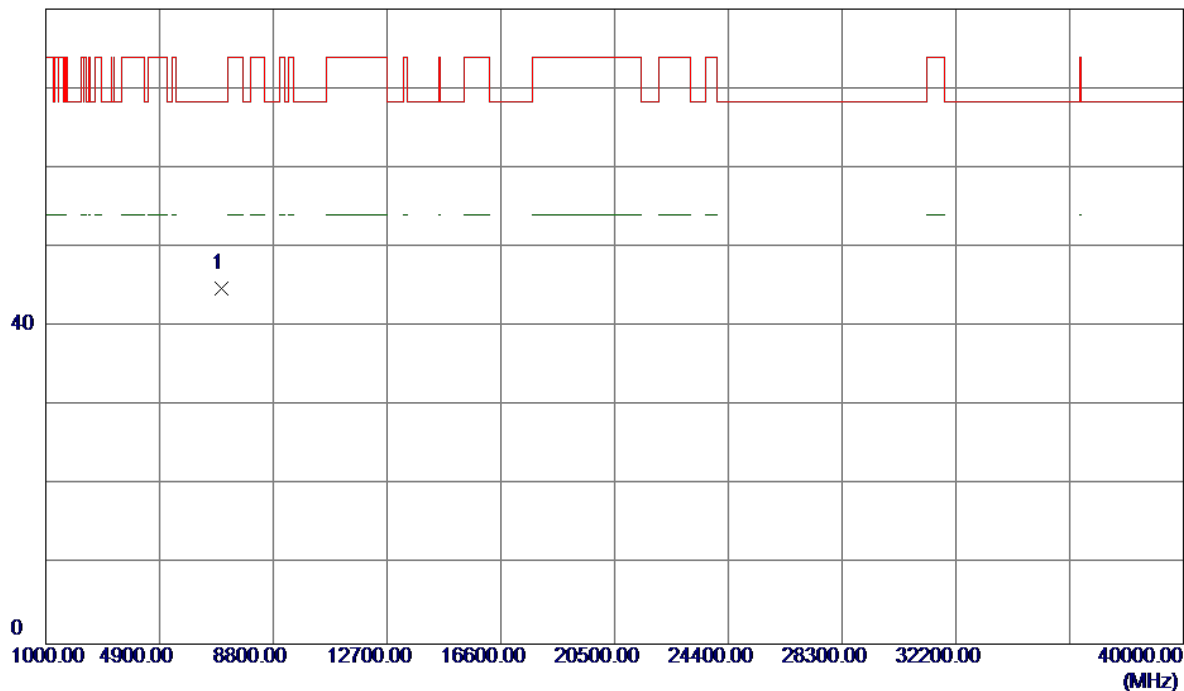


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5255.5000	60.33	40.19	100.52	68.30	32.22	Peak	No Limit
2	5266.0000	52.69	40.22	92.91	999.00	-906.09	AVG	No Limit

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

Horizontal

80 dBuV/m

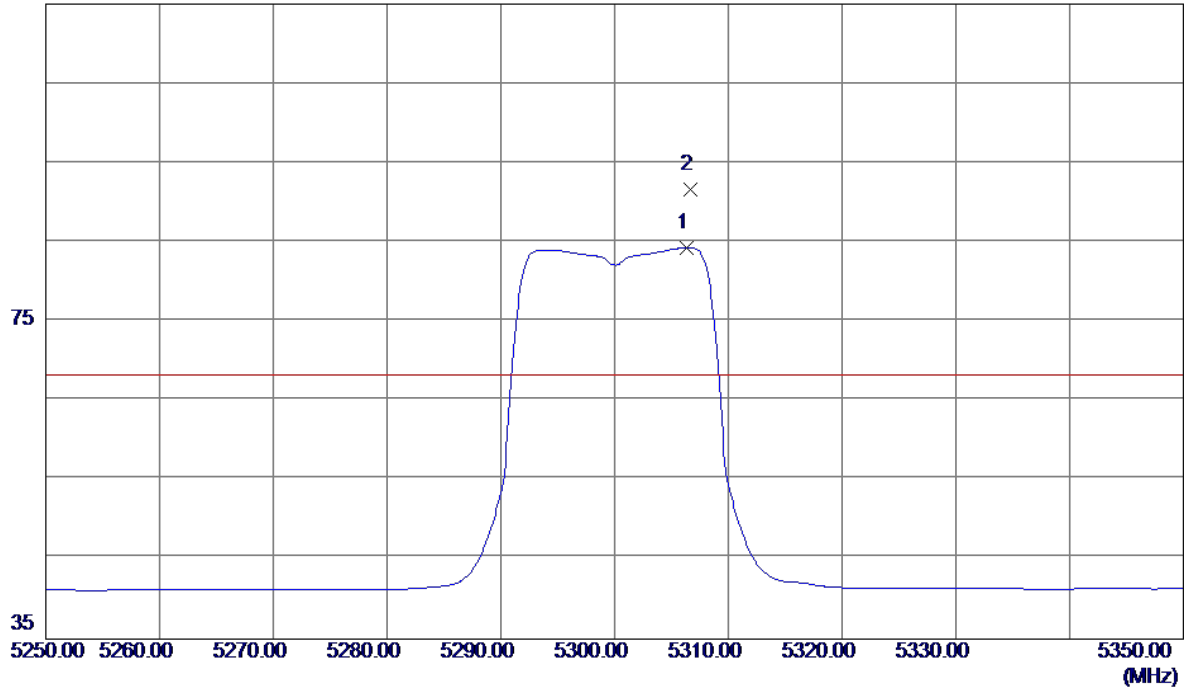


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.2300	34.88	9.92	44.80	68.30	-23.50	Peak	

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

Vertical

115 dBuV/m

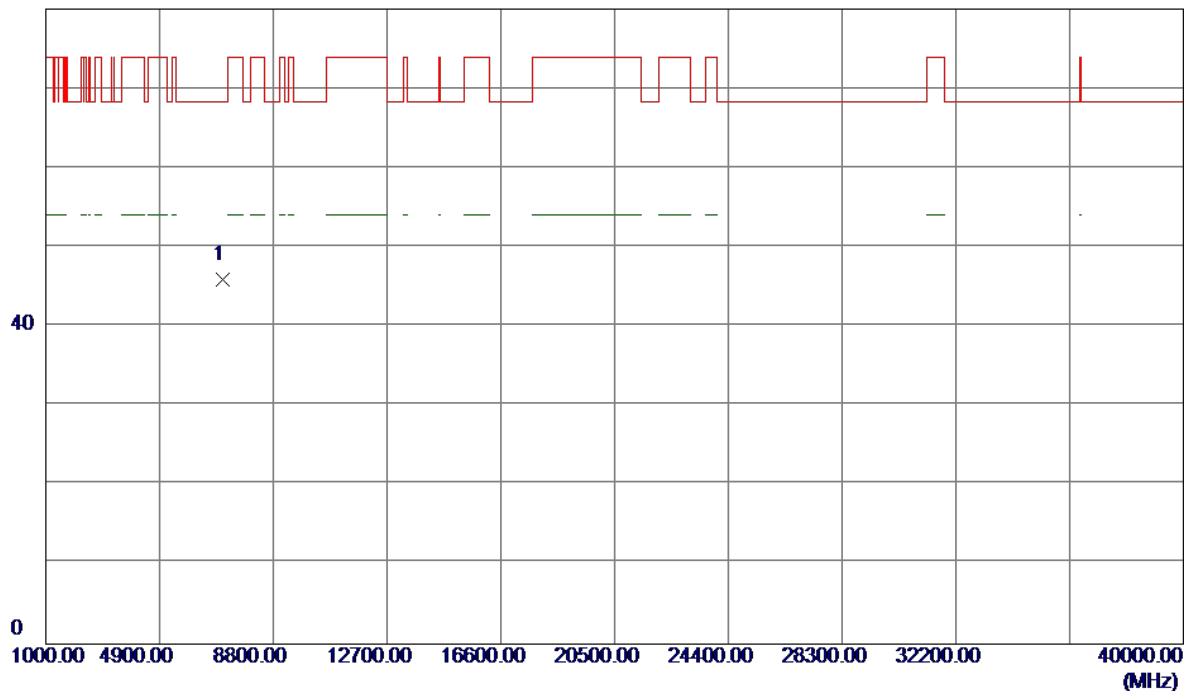


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5306.3000	43.95	40.33	84.28	999.00	-914.72	AVG	No Limit
2 *	5306.7000	51.30	40.33	91.63	68.30	23.33	Peak	No Limit

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

Vertical

80 dBuV/m

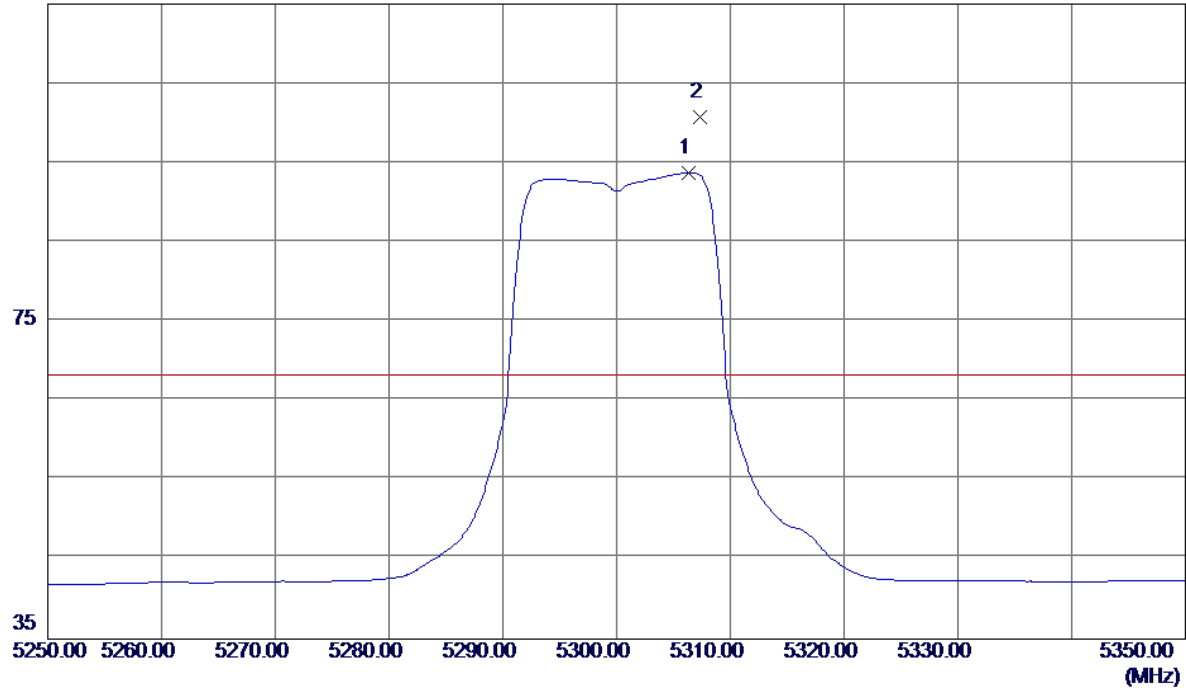


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7066.5100	35.85	10.03	45.88	68.30	-22.42	Peak	

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

Horizontal

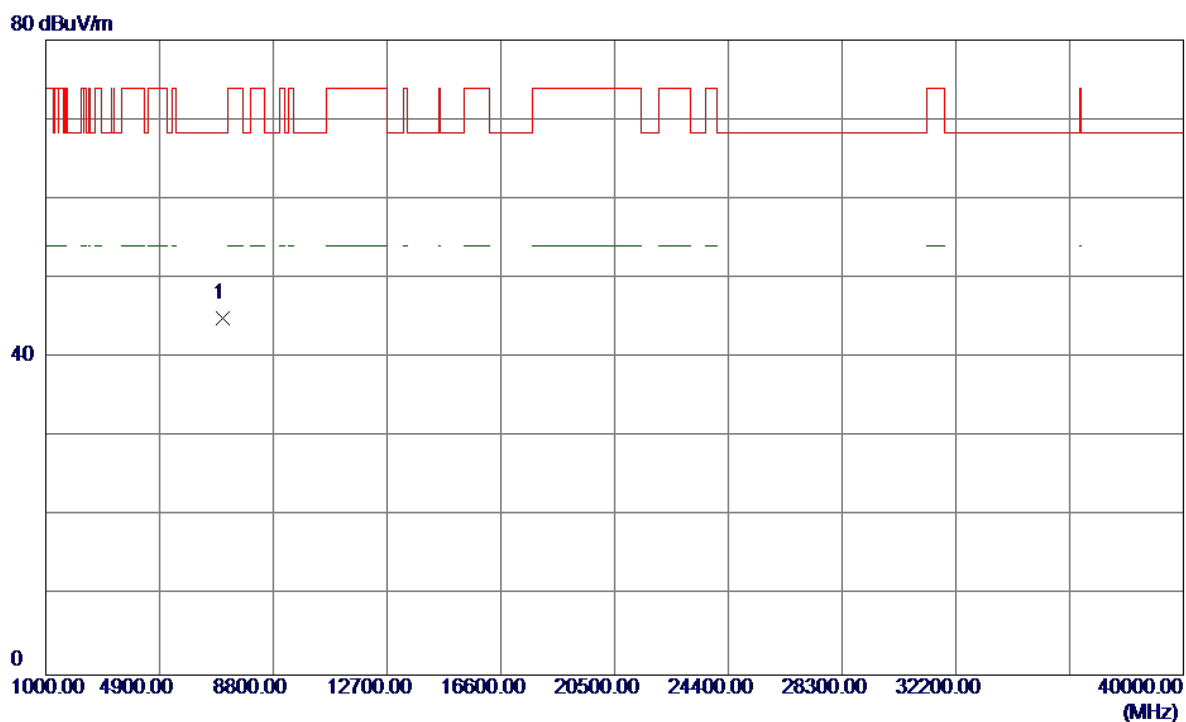
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5306.3000	53.39	40.33	93.72	999.00	-905.28	AVG	No Limit
2 *	5307.3000	60.46	40.33	100.79	68.30	32.49	Peak	No Limit

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

Horizontal

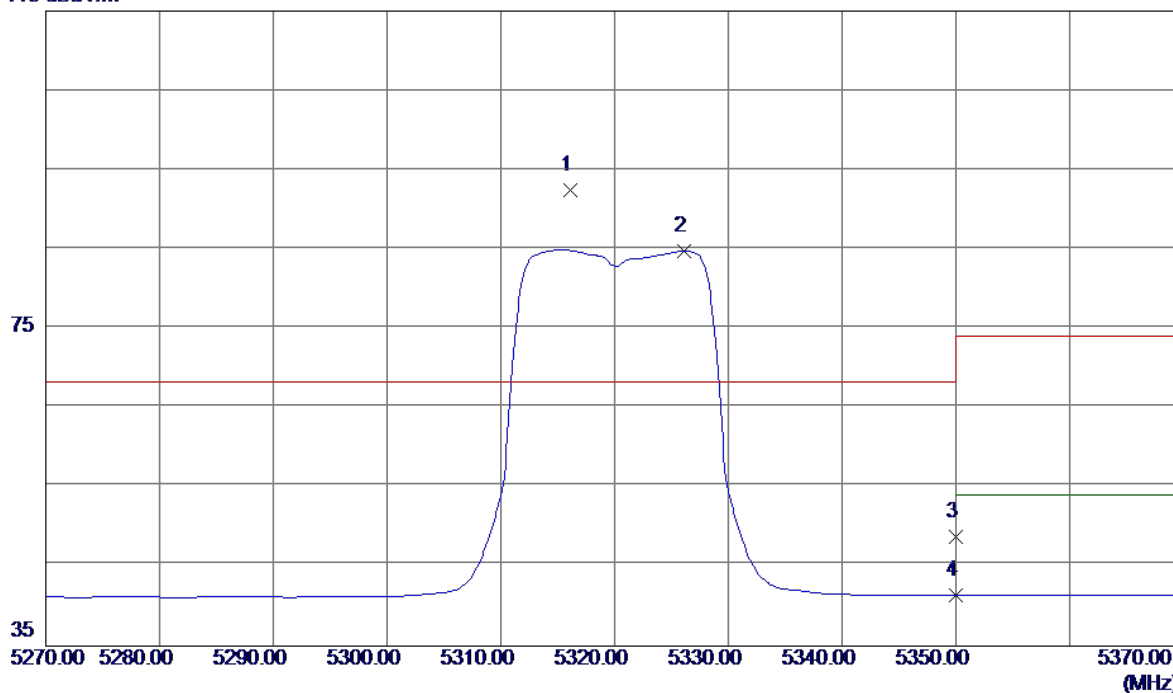


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7066.5200	34.92	10.03	44.95	68.30	-23.35	Peak	

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

Vertical

115 dBuV/m

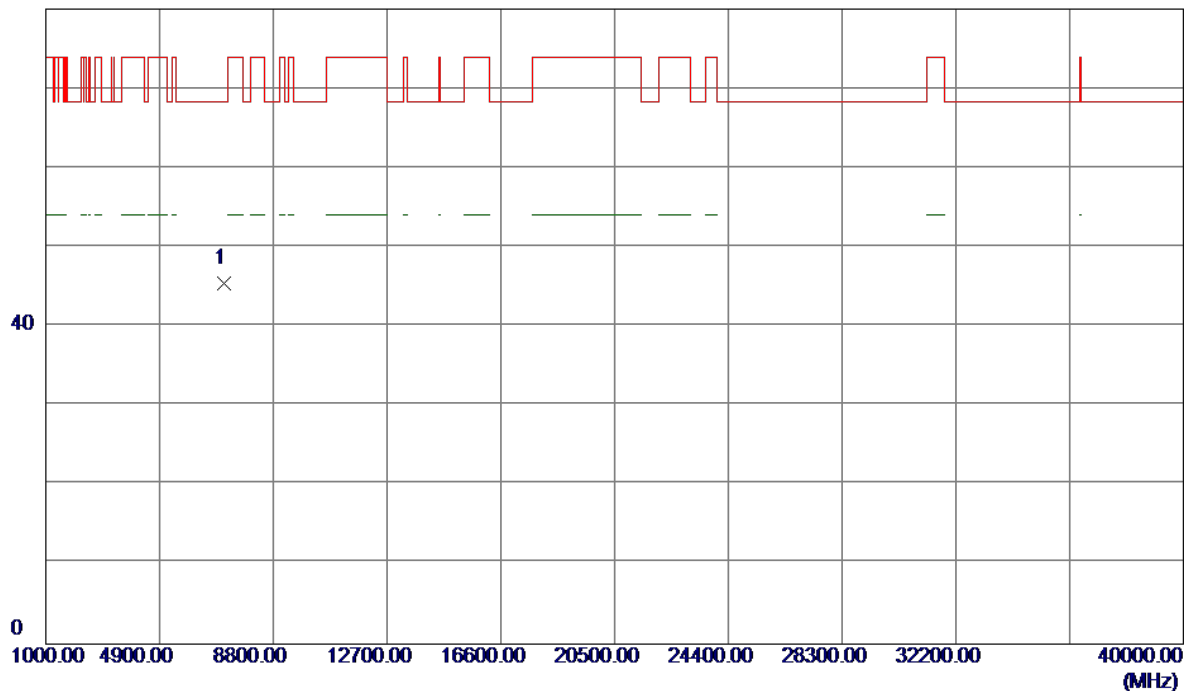


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5316.1000	52.03	40.36	92.39	68.30	24.09	Peak	No Limit
2	5326.1000	44.38	40.39	84.77	999.00	-914.23	AVG	No Limit
3	5350.0000	8.36	40.45	48.81	68.30	-19.49	Peak	
4	5350.0000	0.92	40.45	41.37	999.00	-957.63	AVG	

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

Vertical

80 dBuV/m

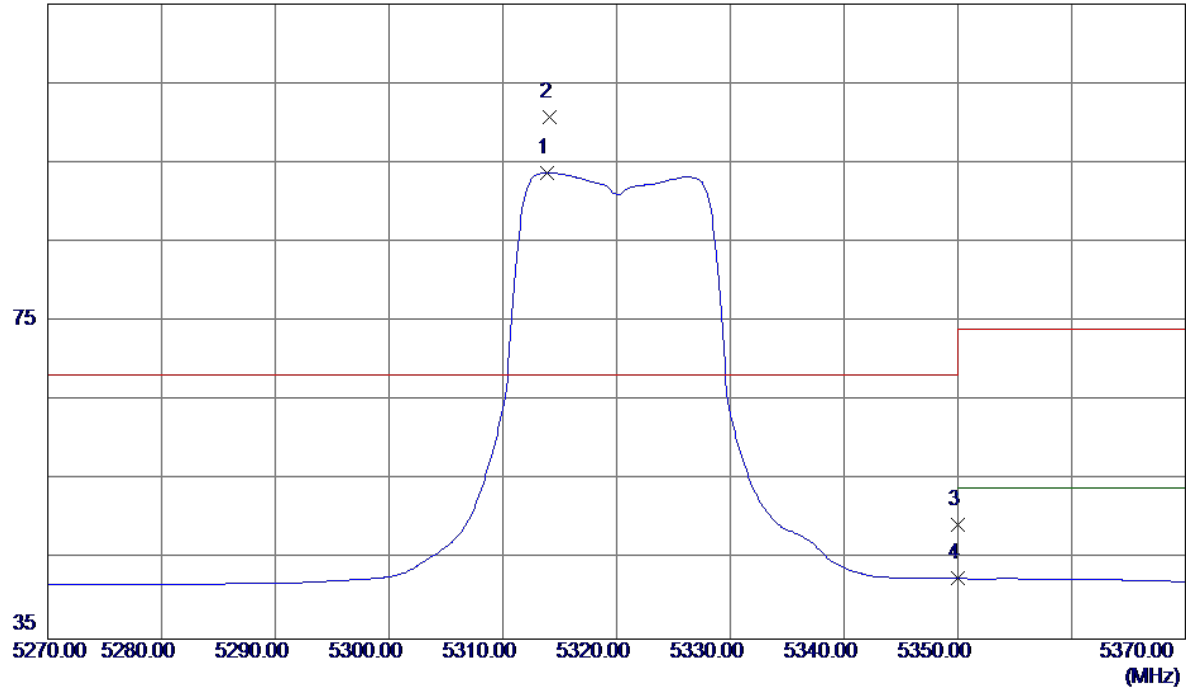


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7093.3350	35.33	10.08	45.41	68.30	-22.89	Peak	

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

Horizontal

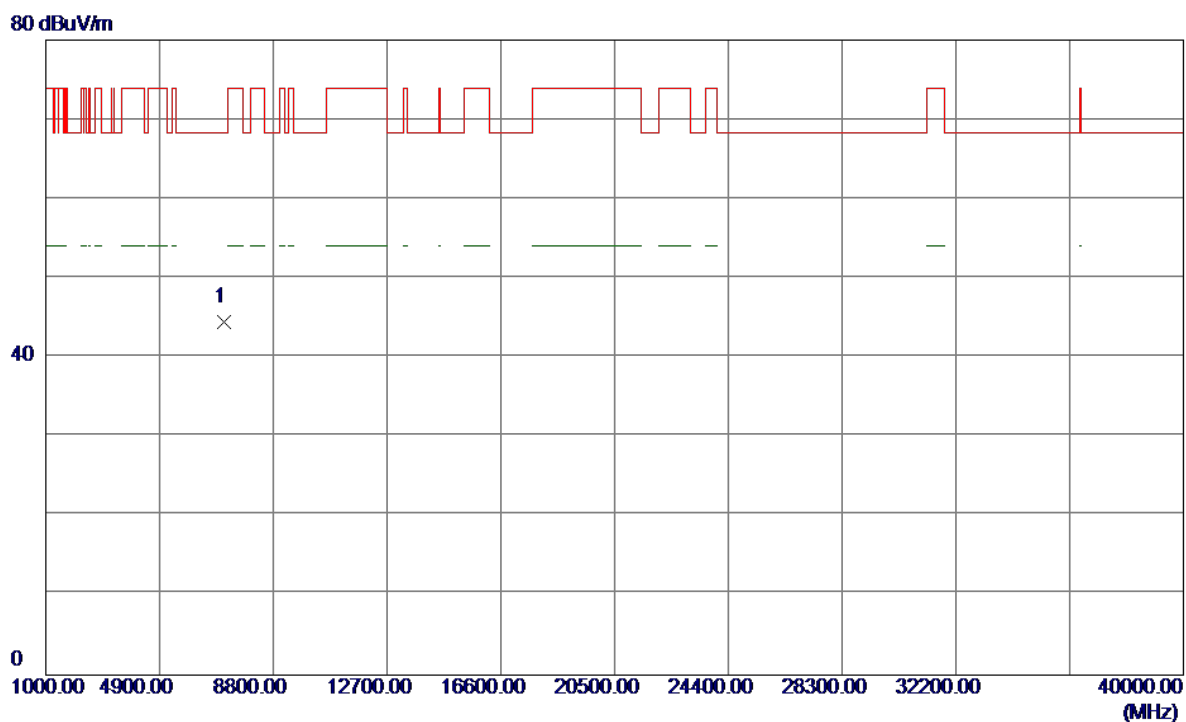
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.9000	53.41	40.35	93.76	999.00	-905.24	AVG	No Limit
2 *	5314.1000	60.47	40.35	100.82	68.30	32.52	Peak	No Limit
3	5350.0000	9.02	40.45	49.47	68.30	-18.83	Peak	
4	5350.0000	2.16	40.45	42.61	999.00	-956.39	AVG	

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

Horizontal

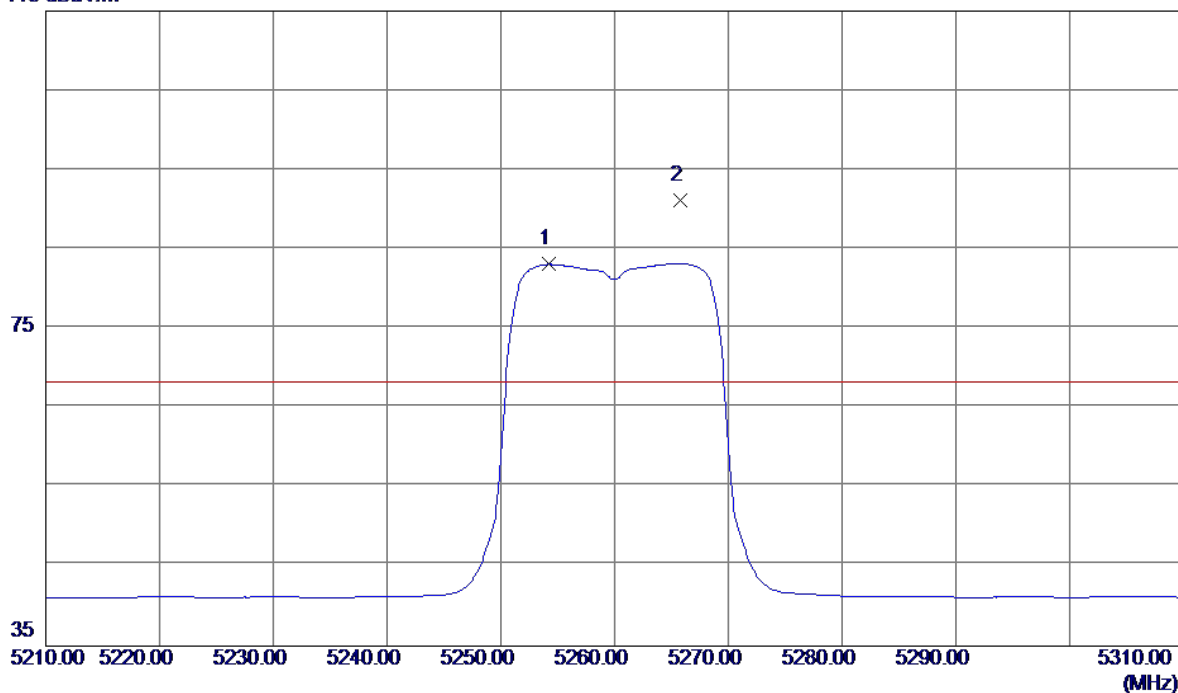


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7092.9400	34.46	10.07	44.53	68.30	-23.77	Peak	

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

Vertical

115 dBuV/m

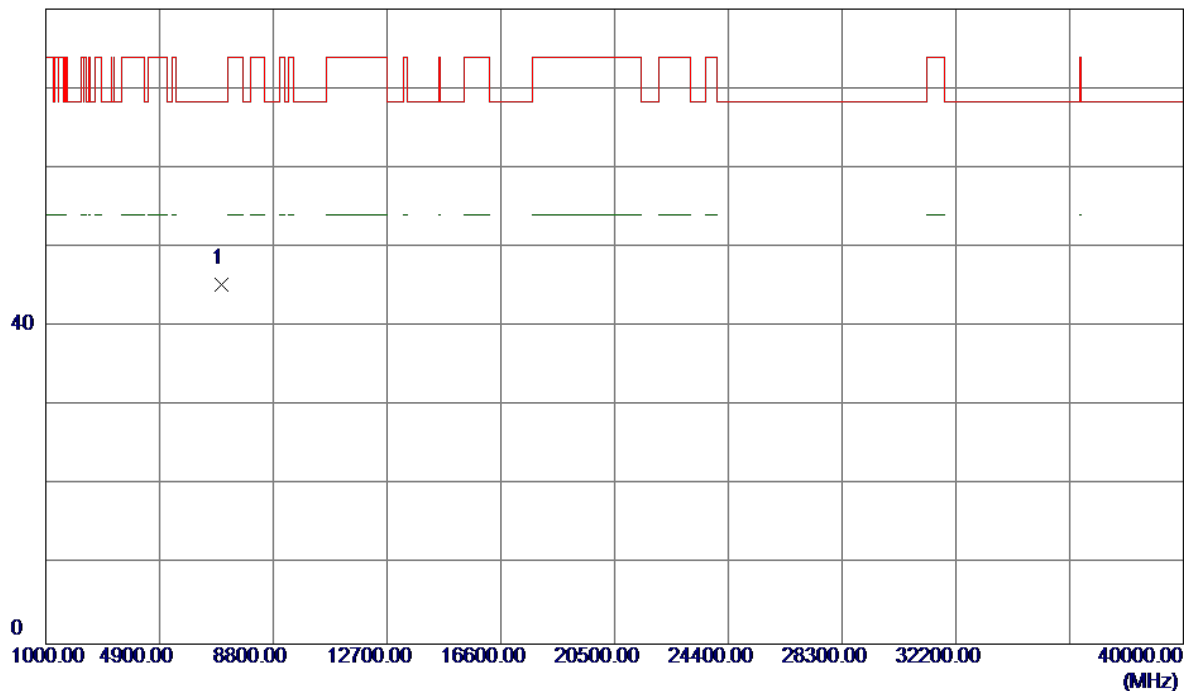


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5254.2000	42.90	40.19	83.09	999.00	-915.91	AVG	No Limit
2 *	5265.8000	50.98	40.22	91.20	68.30	22.90	Peak	No Limit

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

Vertical

80 dBuV/m

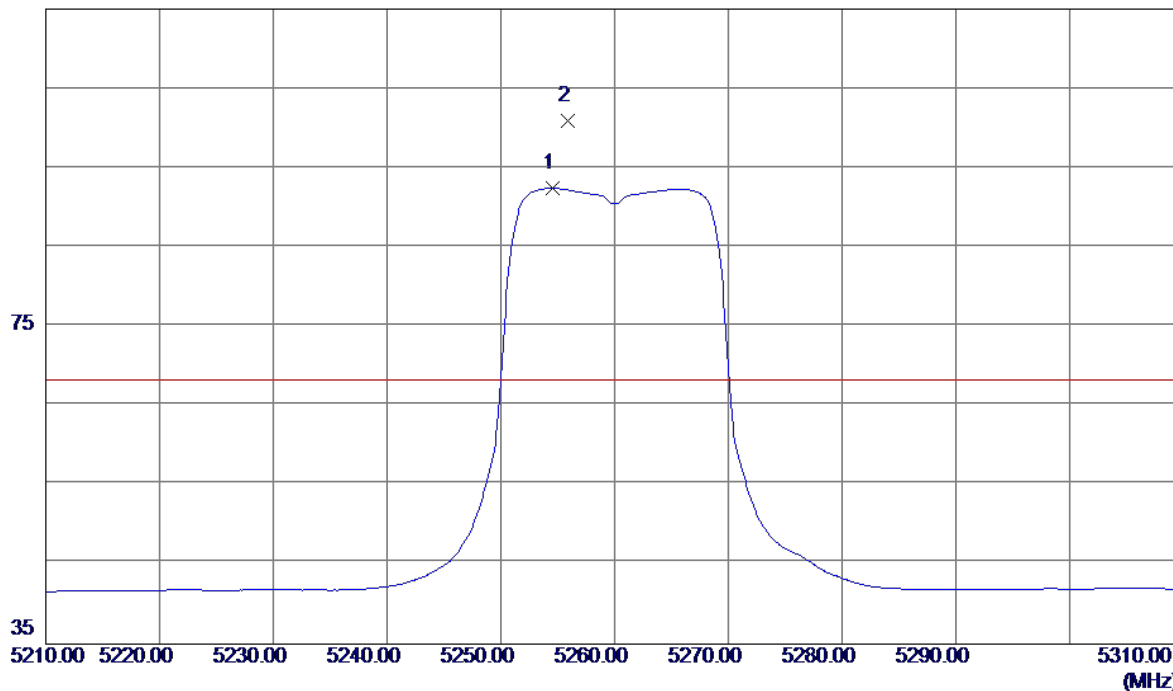


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.2100	35.44	9.92	45.36	68.30	-22.94	Peak	

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

Horizontal

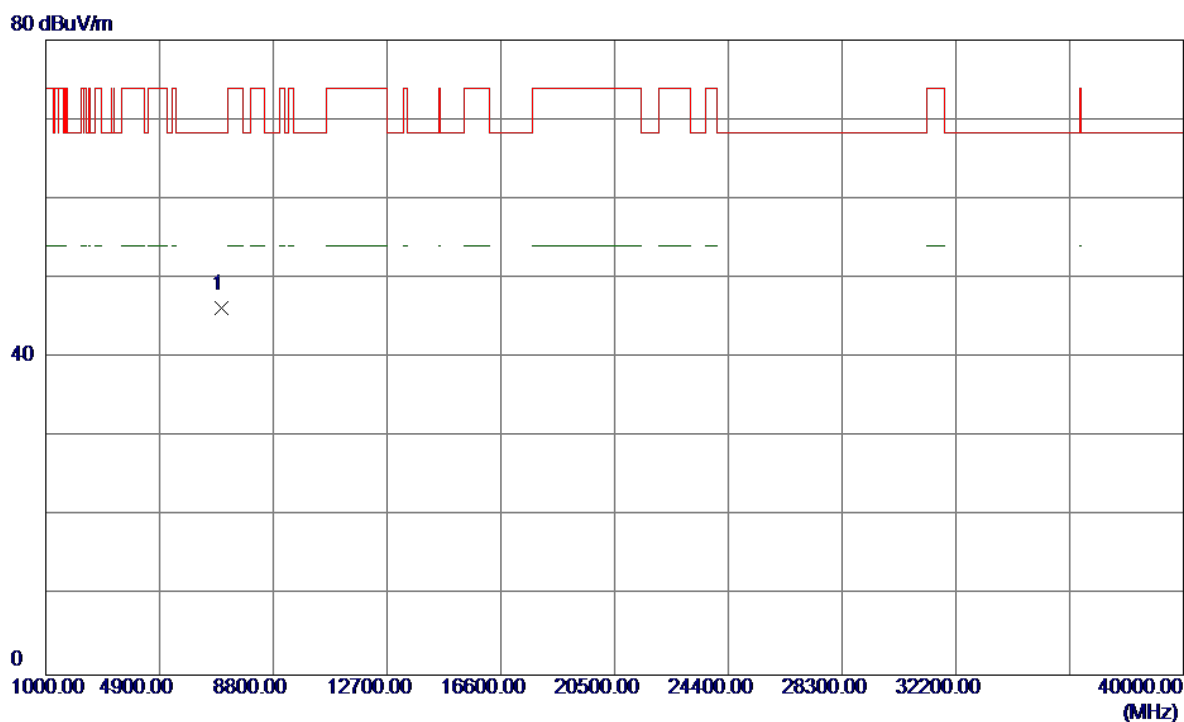
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5254.6000	52.22	40.19	92.41	999.00	-906.59	AVG	No Limit
2 *	5255.9000	60.74	40.19	100.93	68.30	32.63	Peak	No Limit

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

Horizontal

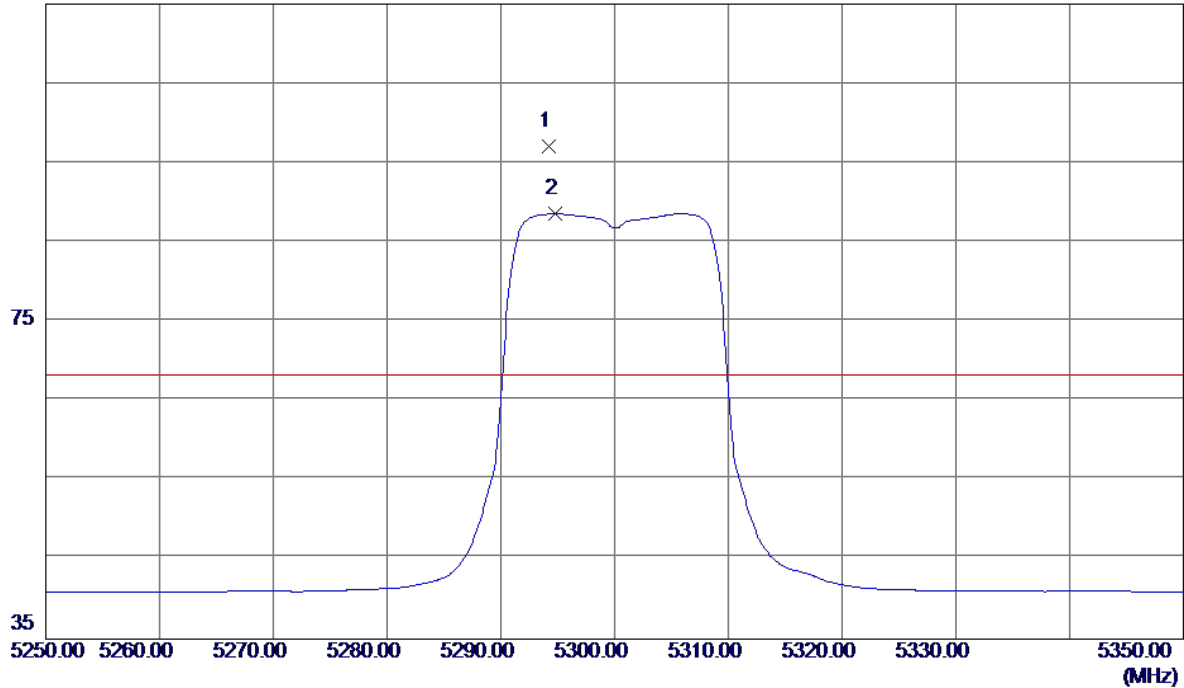


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7013.4800	36.23	9.93	46.16	68.30	-22.14	Peak	

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

Vertical

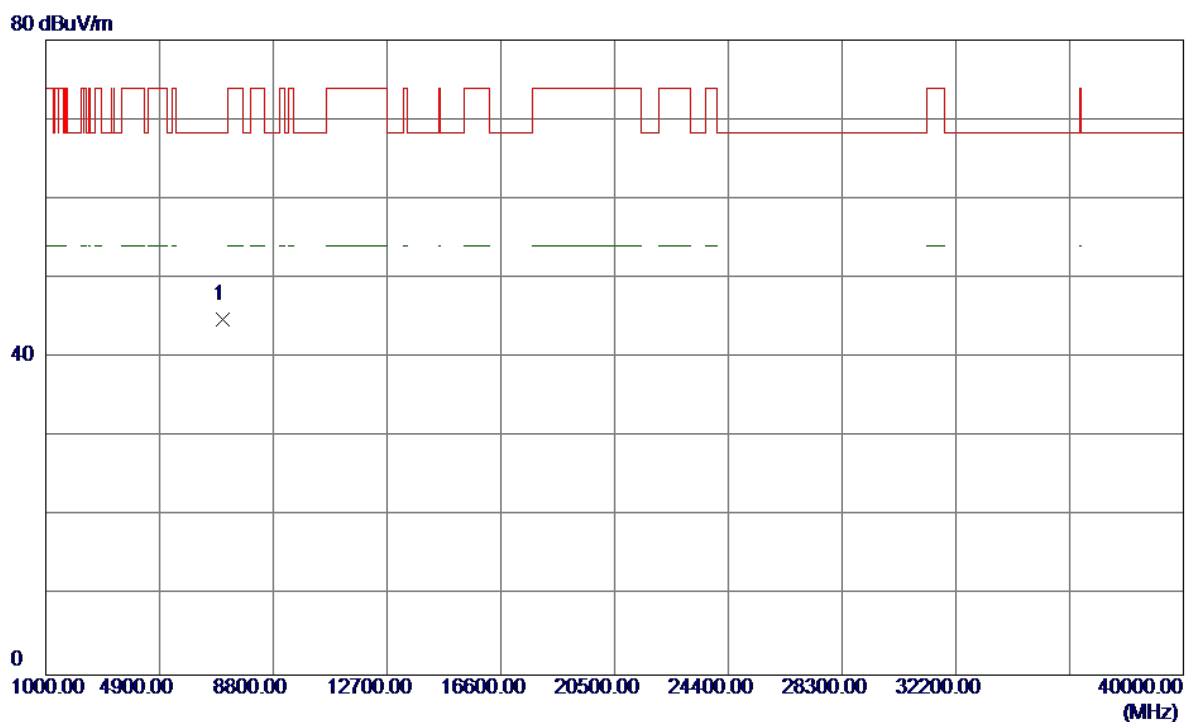
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5294.2000	56.79	40.30	97.09	68.30	28.79	Peak	No Limit
2	5294.8000	48.24	40.30	88.54	999.00	-910.46	AVG	No Limit

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

Vertical

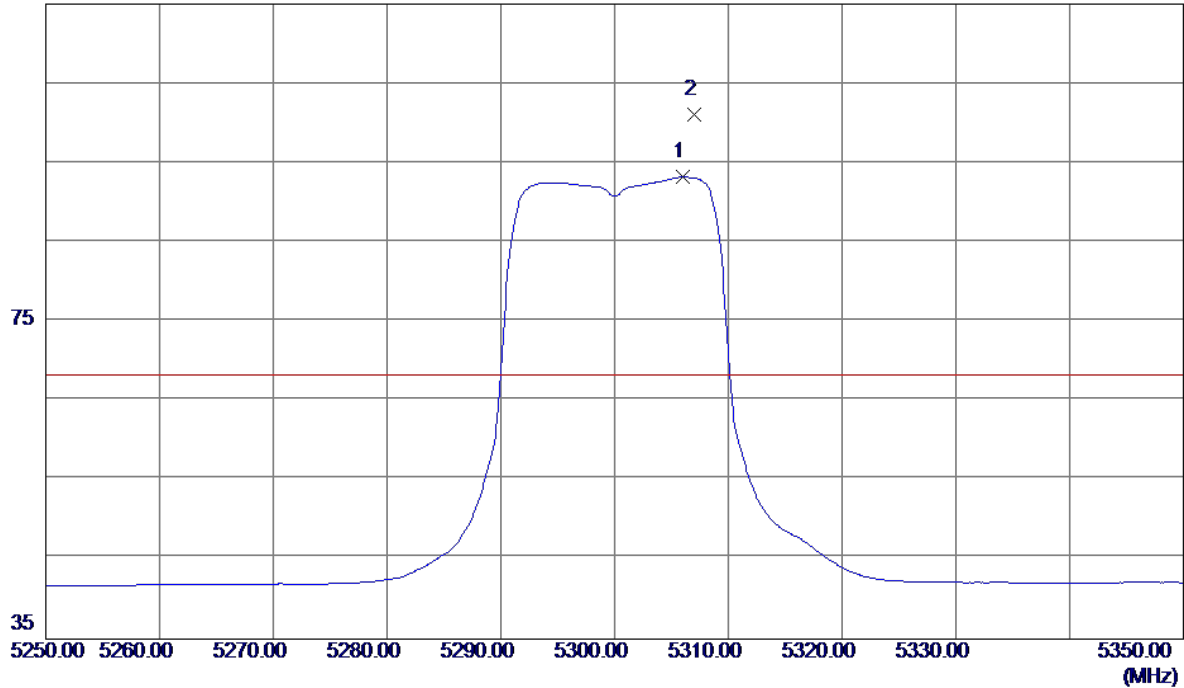


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7066.6200	34.80	10.03	44.83	68.30	-23.47	Peak	

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

Horizontal

115 dBuV/m

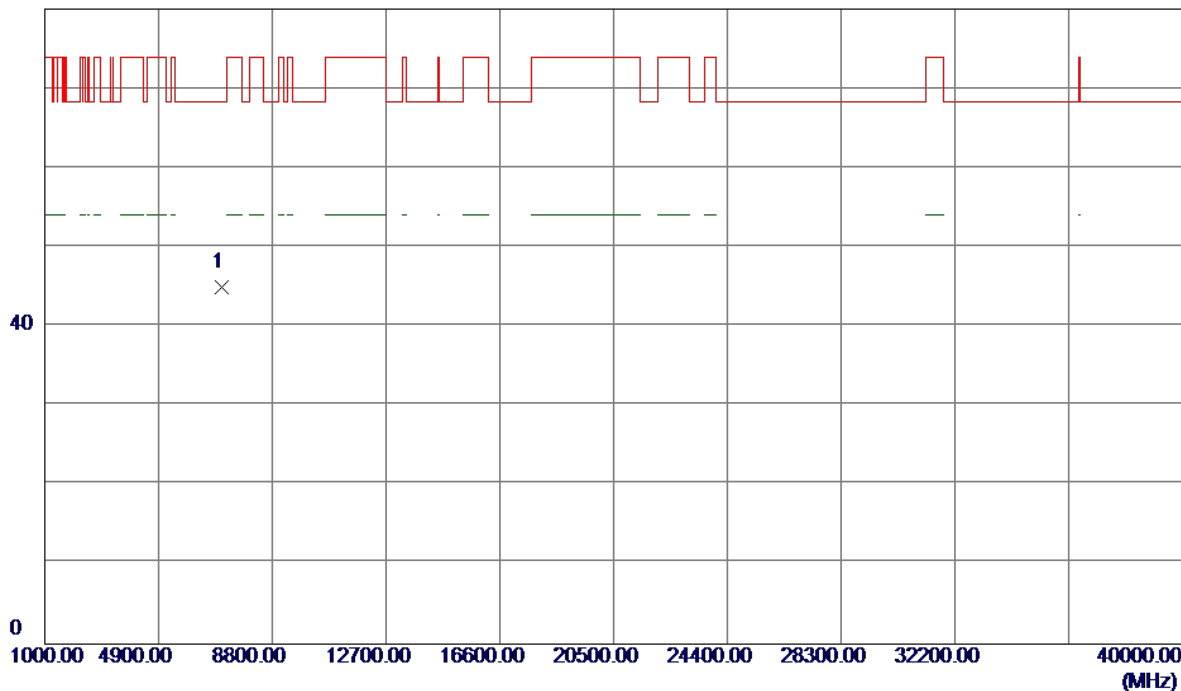


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5306.0000	52.86	40.33	93.19	999.00	-905.81	AVG	No Limit
2 *	5307.0000	60.83	40.33	101.16	68.30	32.86	Peak	No Limit

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

Horizontal

80 dBuV/m

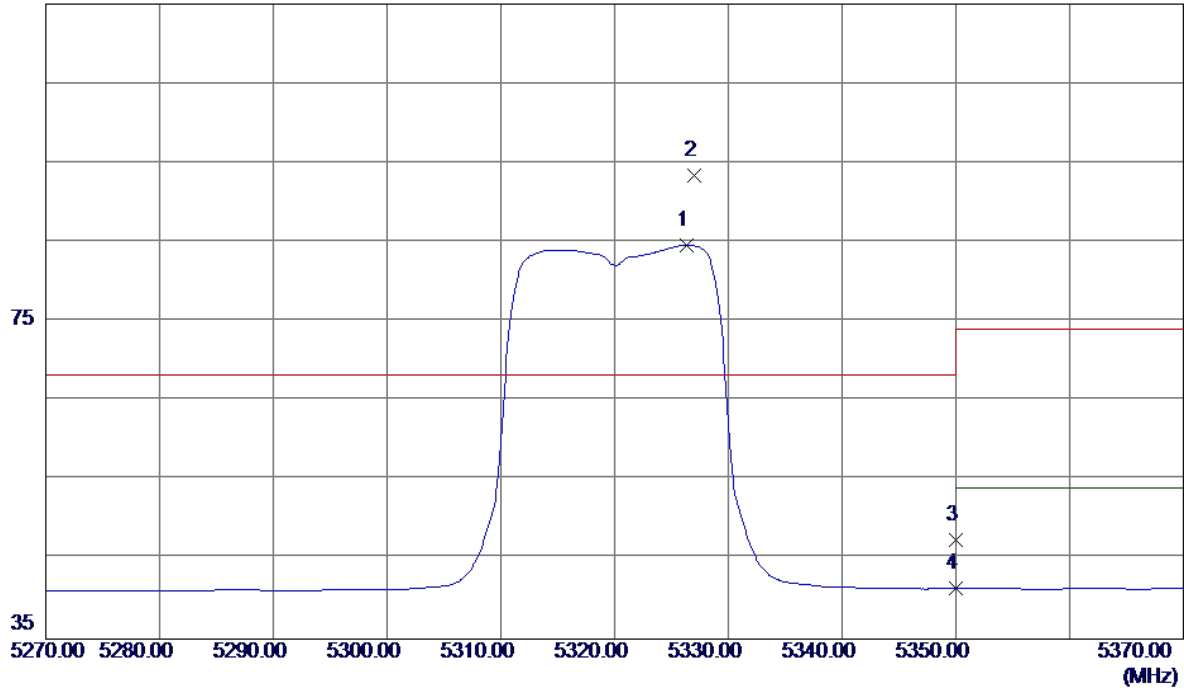


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7066.5700	34.95	10.03	44.98	68.30	-23.32	Peak	

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

Vertical

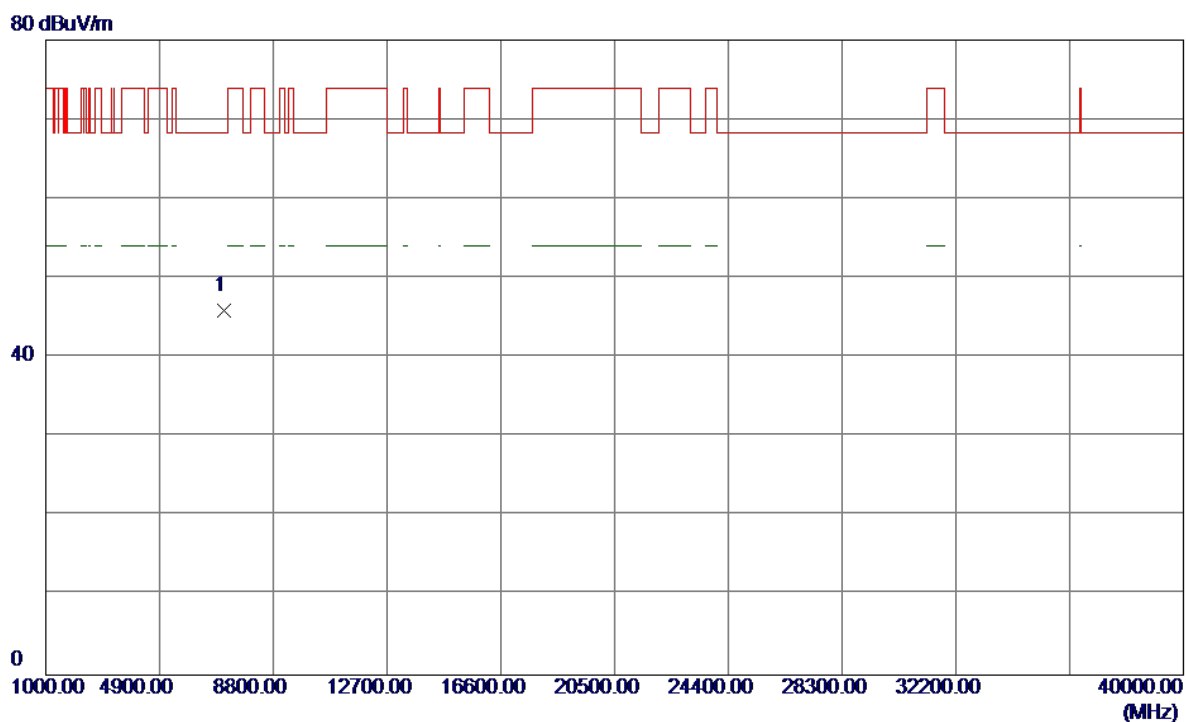
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5326.3000	44.25	40.39	84.64	999.00	-914.36	AVG	No Limit
2 *	5327.0000	52.99	40.39	93.38	68.30	25.08	Peak	No Limit
3	5350.0000	7.07	40.45	47.52	68.30	-20.78	Peak	
4	5350.0000	0.91	40.45	41.36	999.00	-957.64	AVG	

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

Vertical

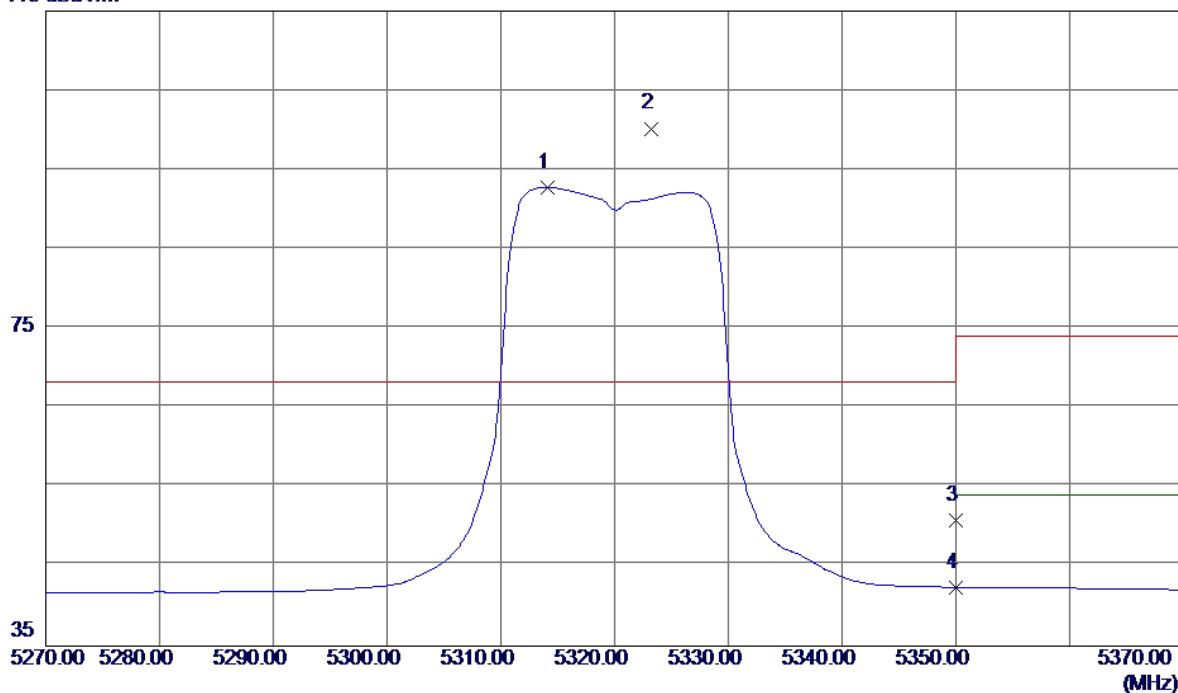


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7093.2500	35.88	10.08	45.96	68.30	-22.34	Peak	

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

Horizontal

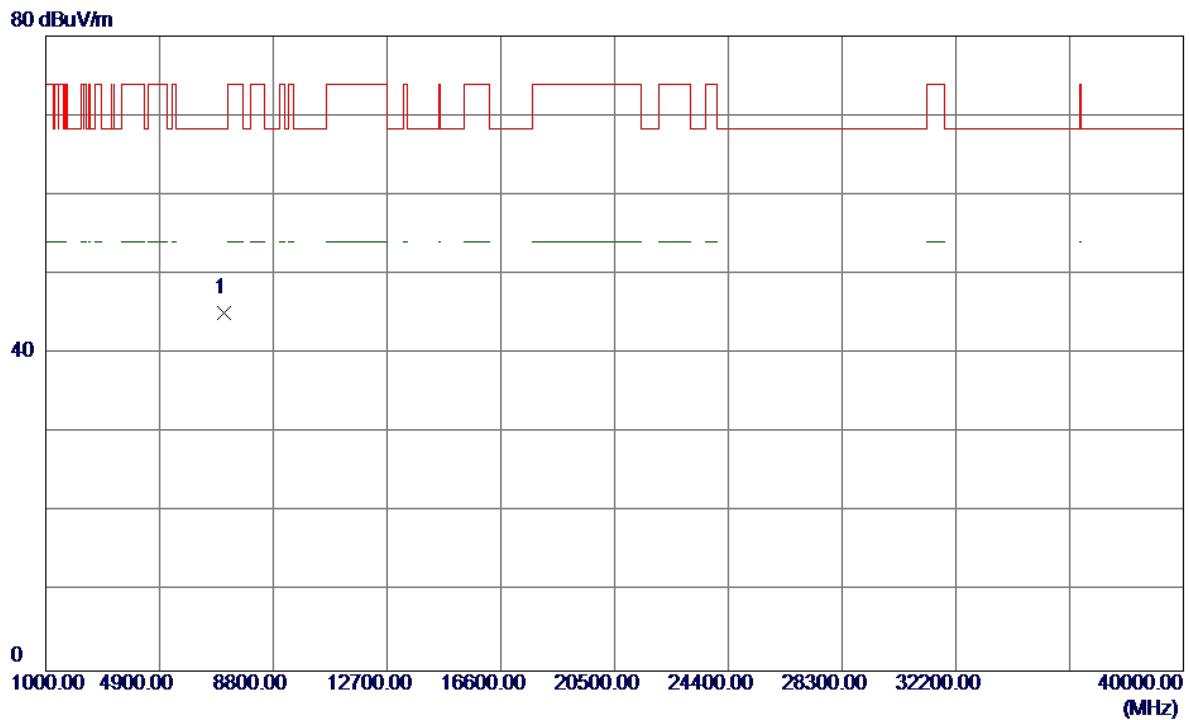
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5314.1000	52.46	40.35	92.81	999.00	-906.19	AVG	No Limit
2 *	5323.2000	59.82	40.38	100.20	68.30	31.90	Peak	No Limit
3	5350.0000	10.34	40.45	50.79	68.30	-17.51	Peak	
4	5350.0000	1.96	40.45	42.41	999.00	-956.59	AVG	

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

Horizontal

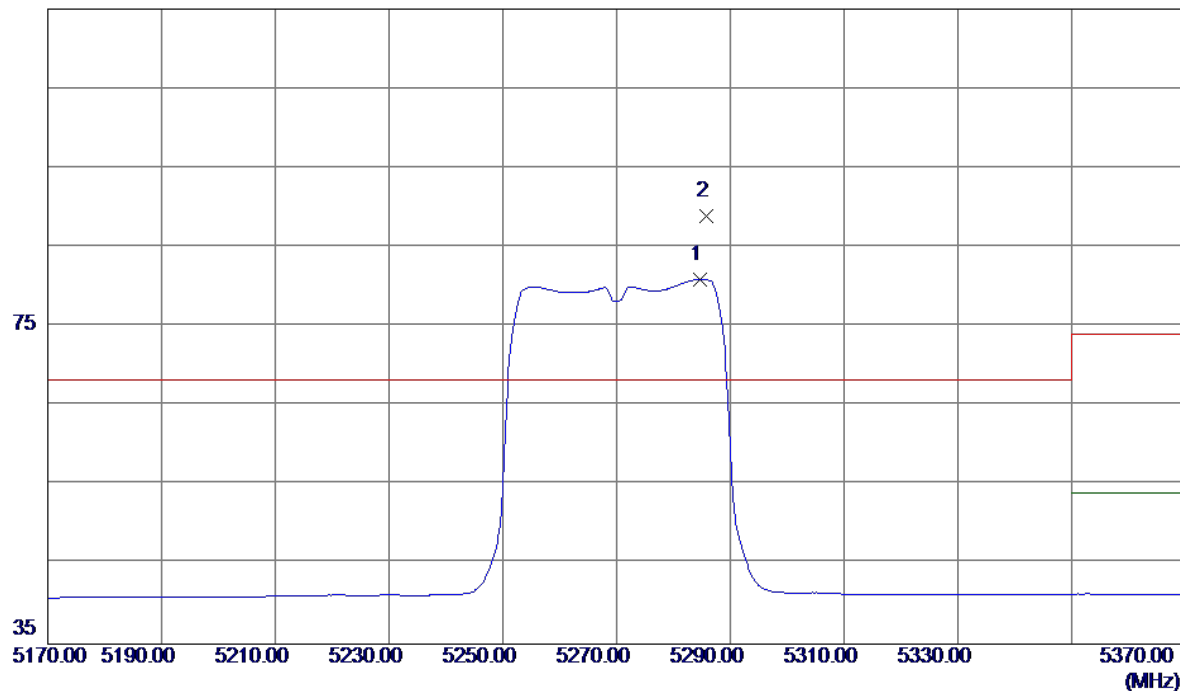


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7093.3000	34.99	10.08	45.07	68.30	-23.23	Peak	

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

Vertical

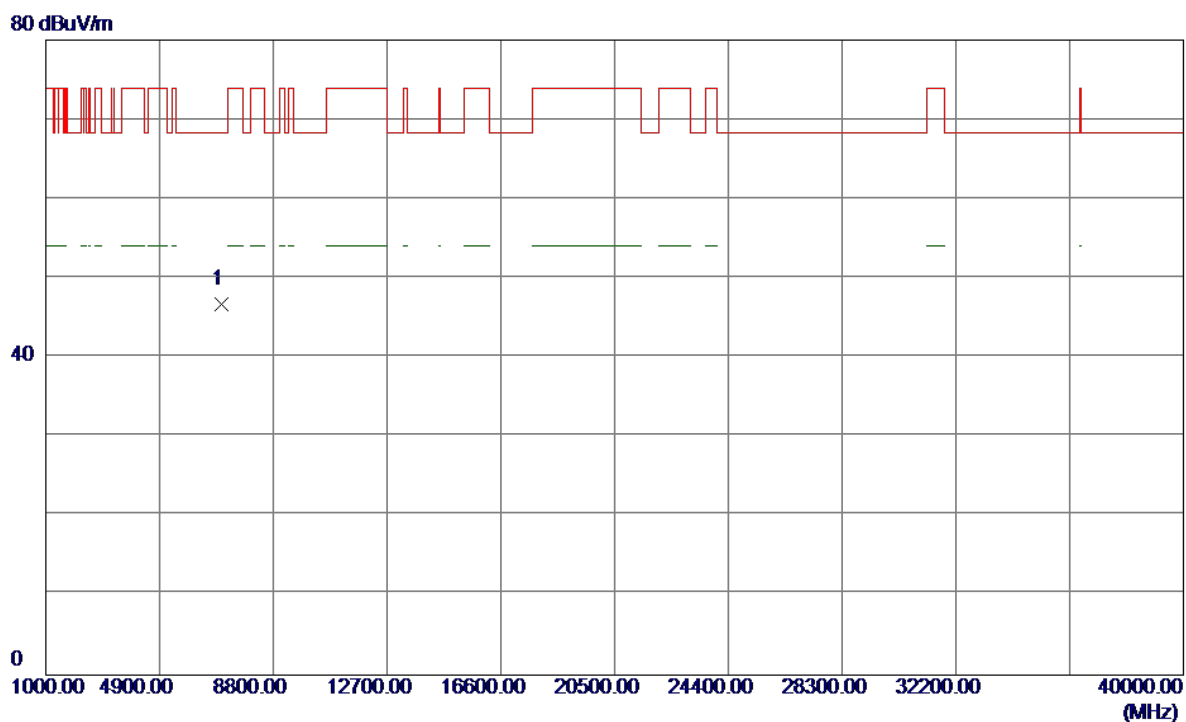
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5284.6000	40.68	40.27	80.95	999.00	-918.05	AVG	No Limit
2 *	5285.8000	48.63	40.27	88.90	68.30	20.60	Peak	No Limit

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

Vertical

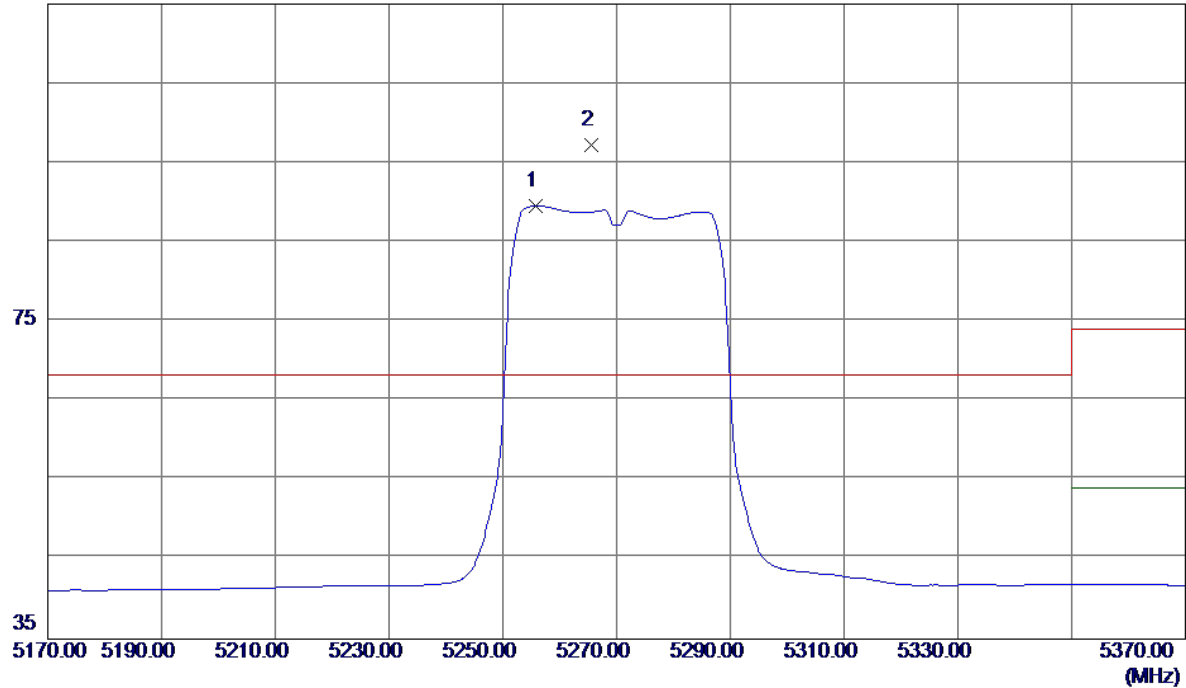


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7026.6050	36.77	9.95	46.72	68.30	-21.58	Peak	

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

Horizontal

115 dBuV/m

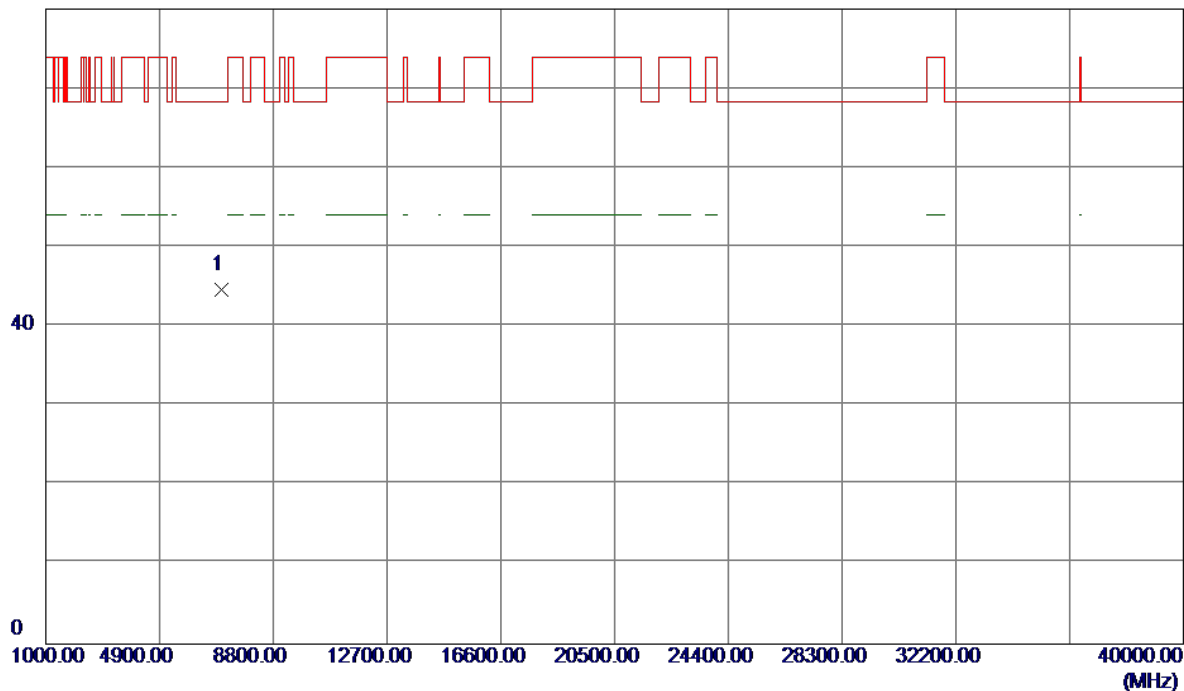


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5255.8000	49.41	40.19	89.60	999.00	-909.40	AVG	No Limit
2 *	5265.6000	57.04	40.22	97.26	68.30	28.96	Peak	No Limit

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

Horizontal

80 dBuV/m

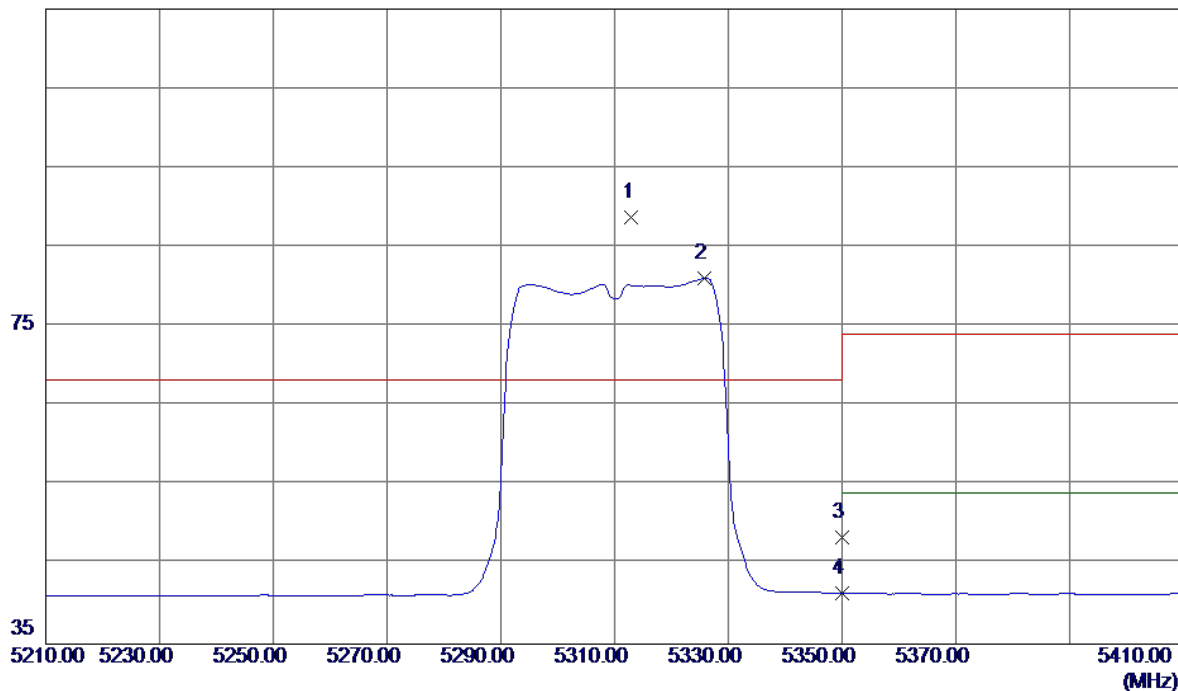


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7026.4050	34.70	9.95	44.65	68.30	-23.65	Peak	

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

Vertical

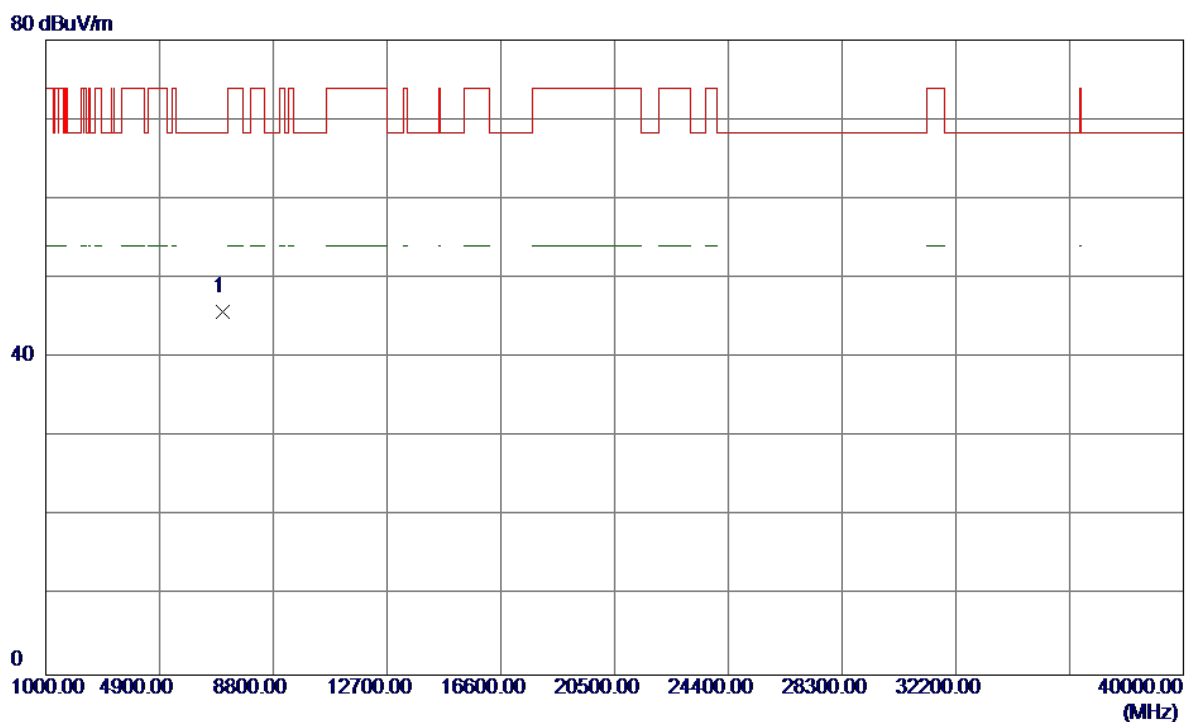
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5313.0000	48.44	40.35	88.79	68.30	20.49	Peak	No Limit
2	5325.8000	40.64	40.39	81.03	999.00	-917.97	AVG	No Limit
3	5350.0000	7.92	40.45	48.37	68.30	-19.93	Peak	
4	5350.0000	0.98	40.45	41.43	999.00	-957.57	AVG	

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

Vertical

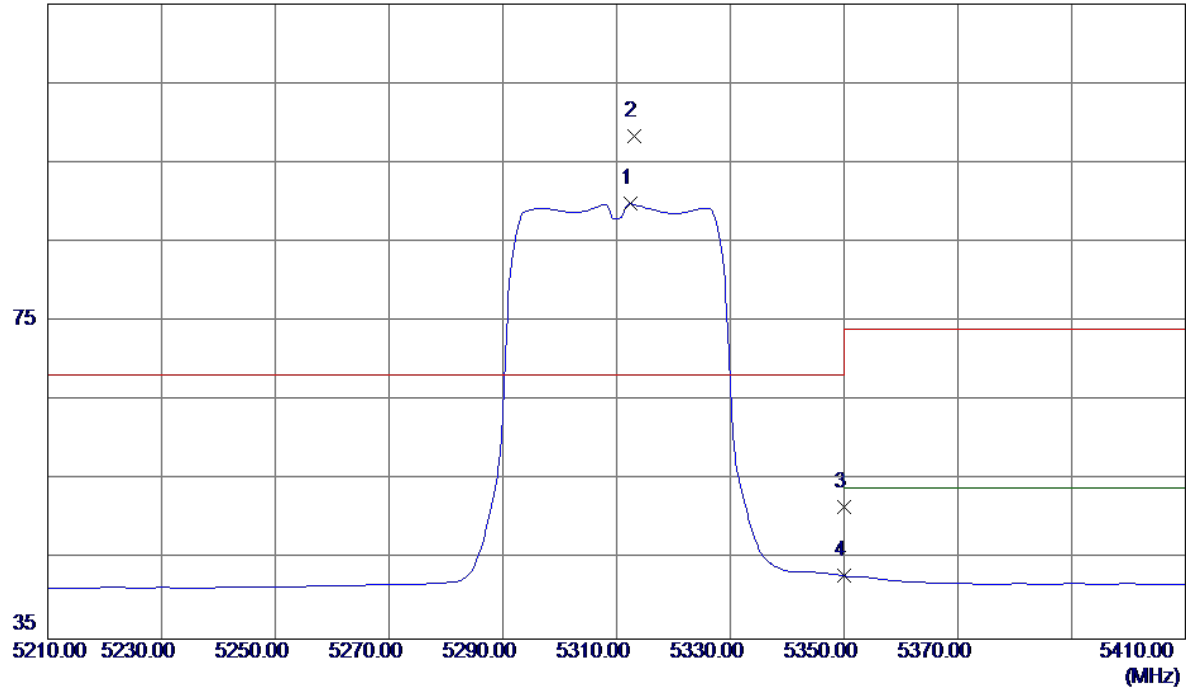


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7080.2850	35.74	10.05	45.79	68.30	-22.51	Peak	

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

Horizontal

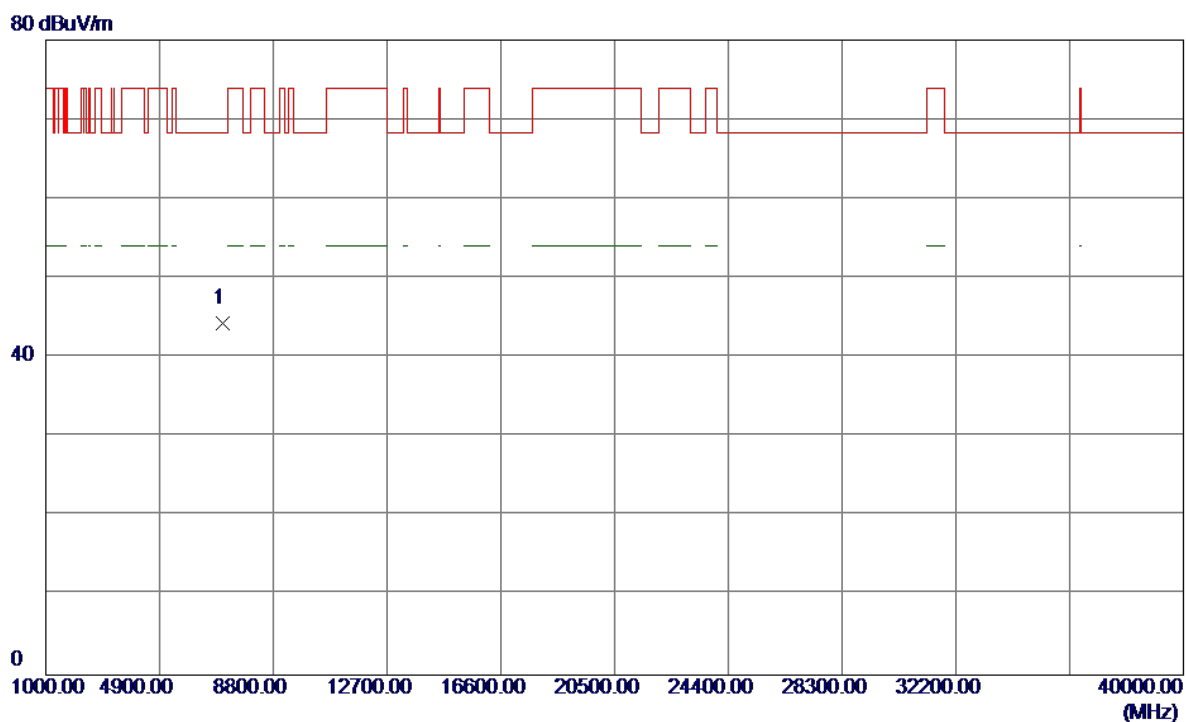
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.4000	49.50	40.35	89.85	999.00	-909.15	AVG	No Limit
2 *	5313.2000	57.99	40.35	98.34	68.30	30.04	Peak	No Limit
3	5350.0000	11.18	40.45	51.63	68.30	-16.67	Peak	
4	5350.0000	2.50	40.45	42.95	999.00	-956.05	AVG	

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

Horizontal

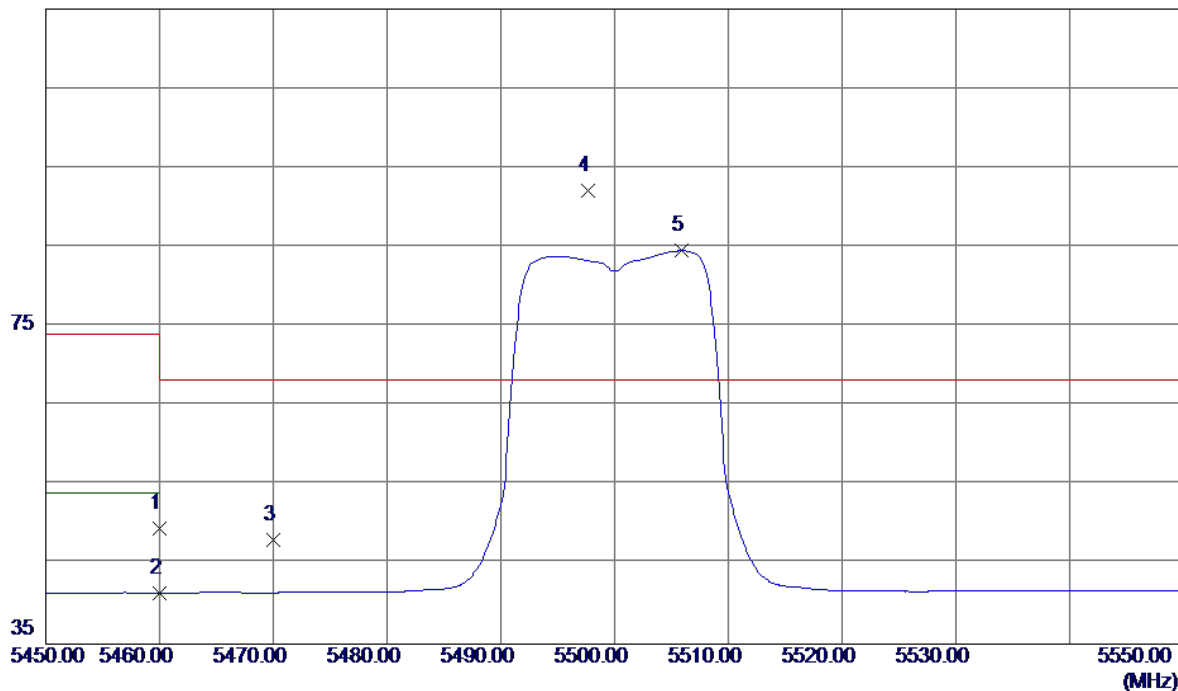


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7079.6800	34.26	10.05	44.31	68.30	-23.99	Peak	

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

Vertical

115 dBuV/m

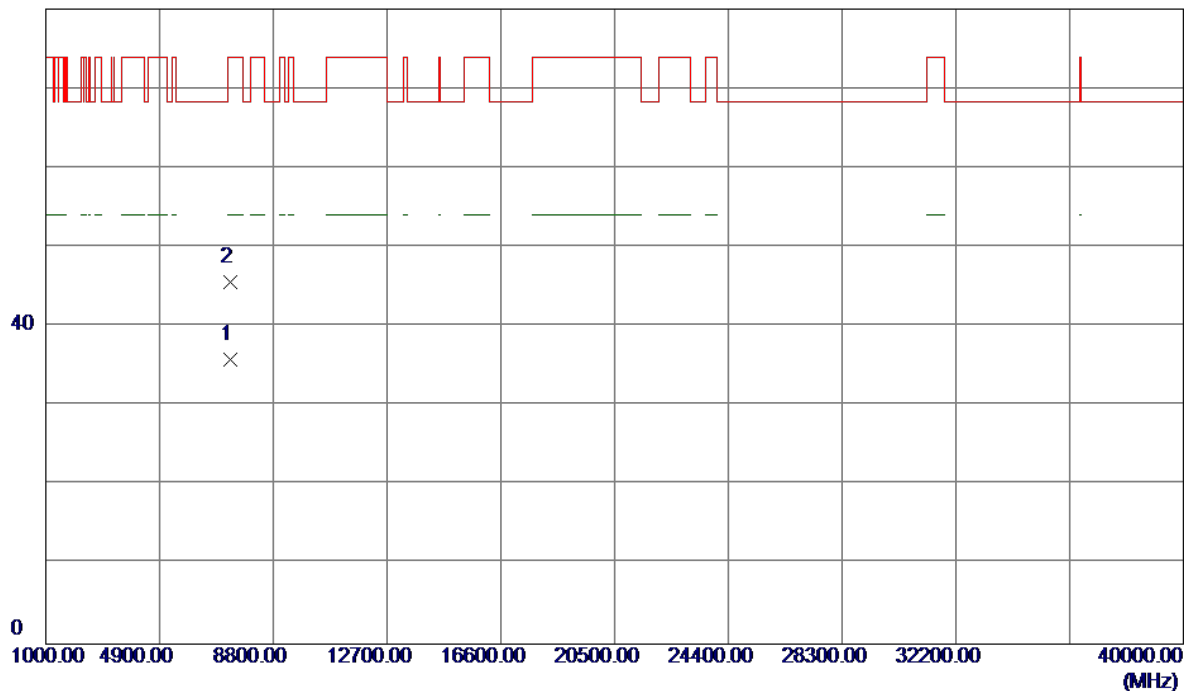


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	8.76	40.76	49.52	74.00	-24.48	Peak	
2	5460.0000	0.66	40.76	41.42	54.00	-12.58	AVG	
3	5470.0000	7.33	40.79	48.12	68.30	-20.18	Peak	
4 *	5497.7000	51.19	40.86	92.05	68.30	23.75	Peak	No Limit
5	5505.9000	43.67	40.89	84.56	999.00	-914.44	AVG	No Limit

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

Vertical

80 dBuV/m

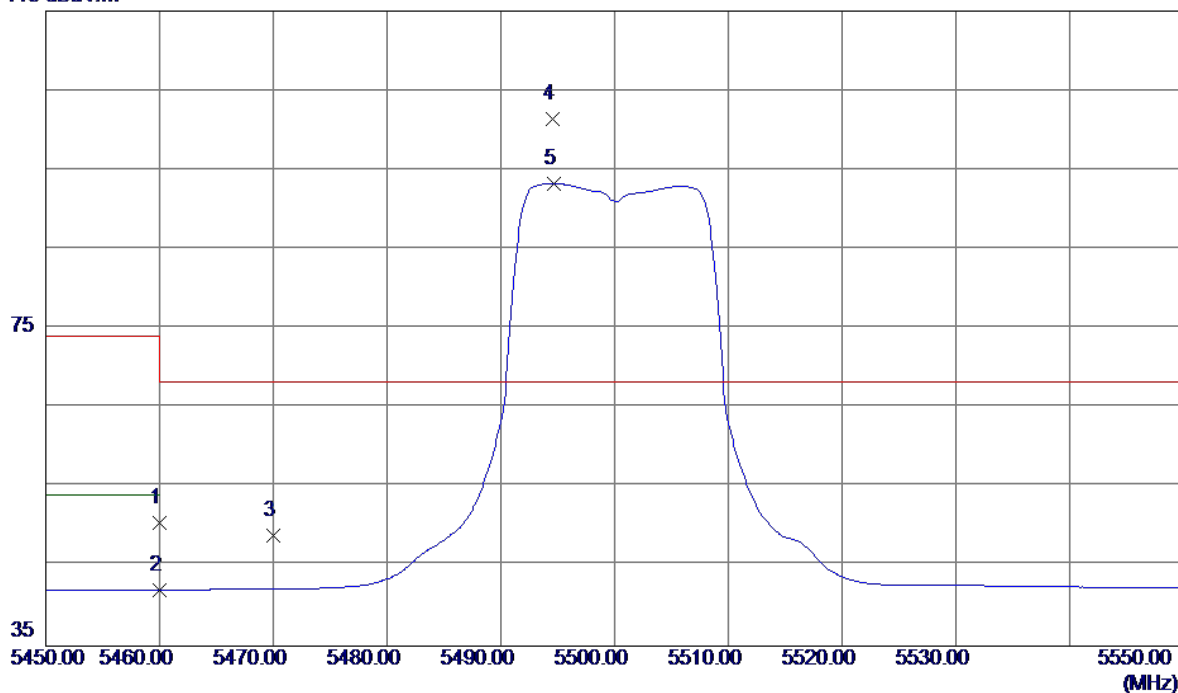


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.3000	25.26	10.53	35.79	54.00	-18.21	AVG	
2	7333.3800	35.07	10.53	45.60	74.00	-28.40	Peak	

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

Horizontal

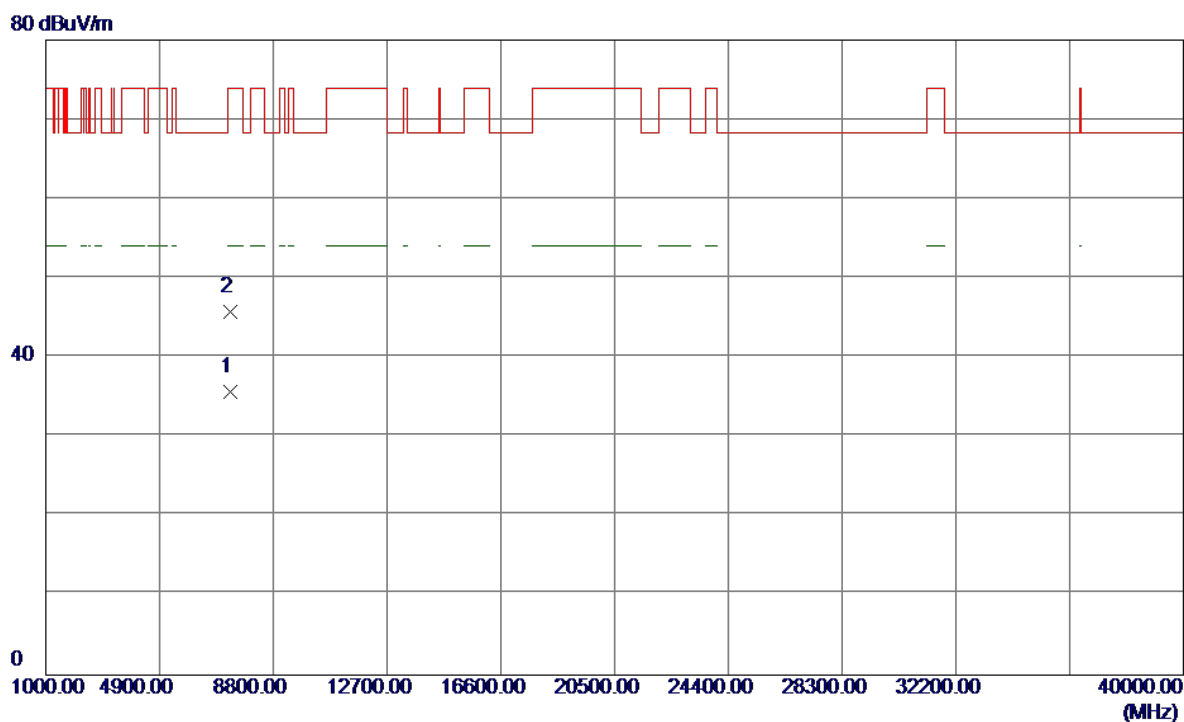
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	9.70	40.76	50.46	74.00	-23.54	Peak	
2	5460.0000	1.26	40.76	42.02	54.00	-11.98	AVG	
3	5470.0000	8.08	40.79	48.87	68.30	-19.43	Peak	
4 *	5494.6000	60.51	40.85	101.36	68.30	33.06	Peak	No Limit
5	5494.7000	52.42	40.86	93.28	999.00	-905.72	AVG	No Limit

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

Horizontal

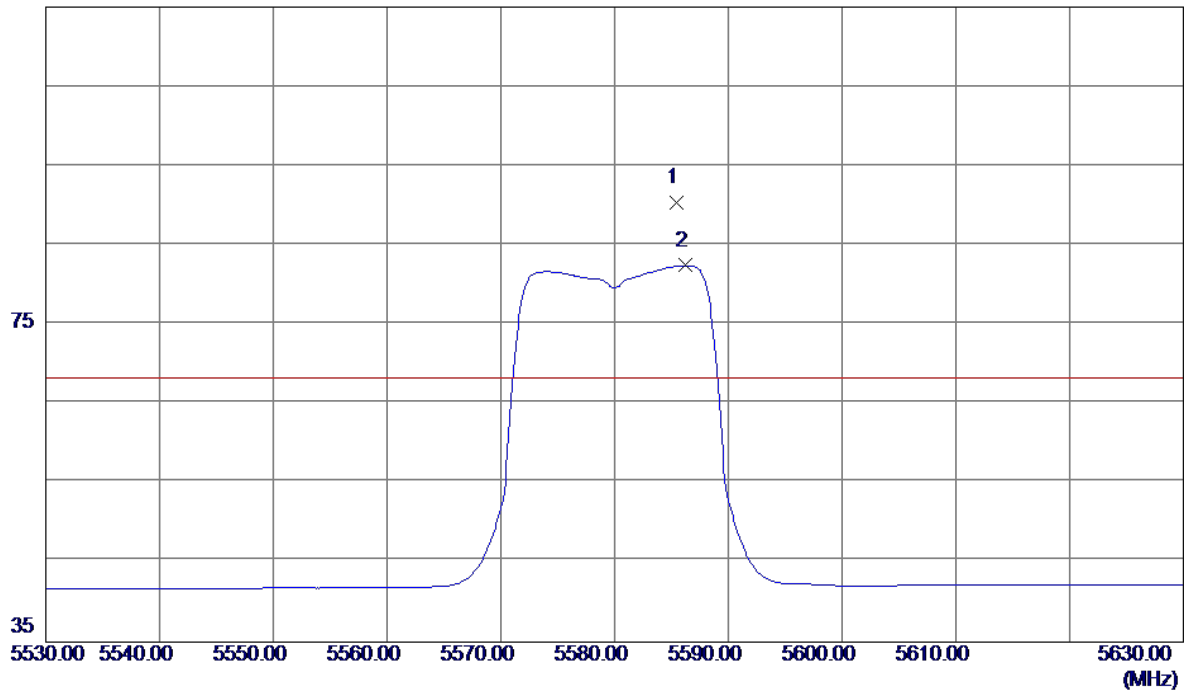


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.3600	25.10	10.53	35.63	54.00	-18.37	AVG	
2	7333.1850	35.18	10.53	45.71	74.00	-28.29	Peak	

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

Vertical

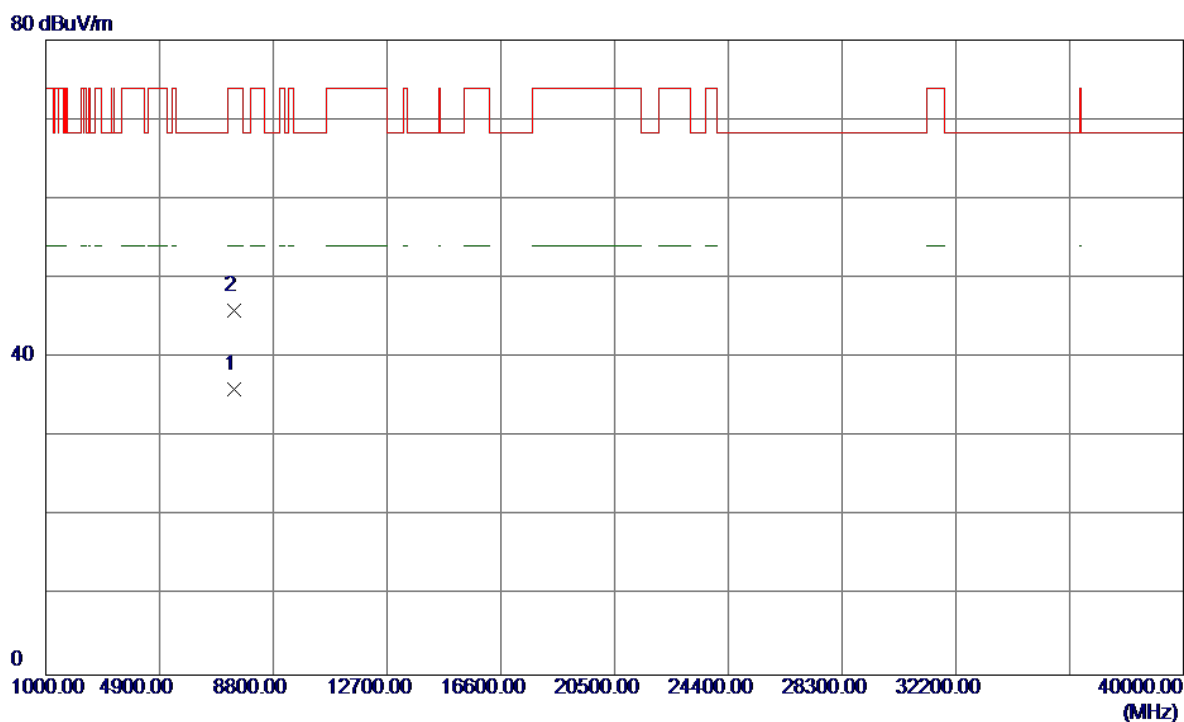
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5585.4000	49.15	41.18	90.33	68.30	22.03	Peak	No Limit
2	5586.2000	41.25	41.19	82.44	999.00	-916.56	AVG	No Limit

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

Vertical

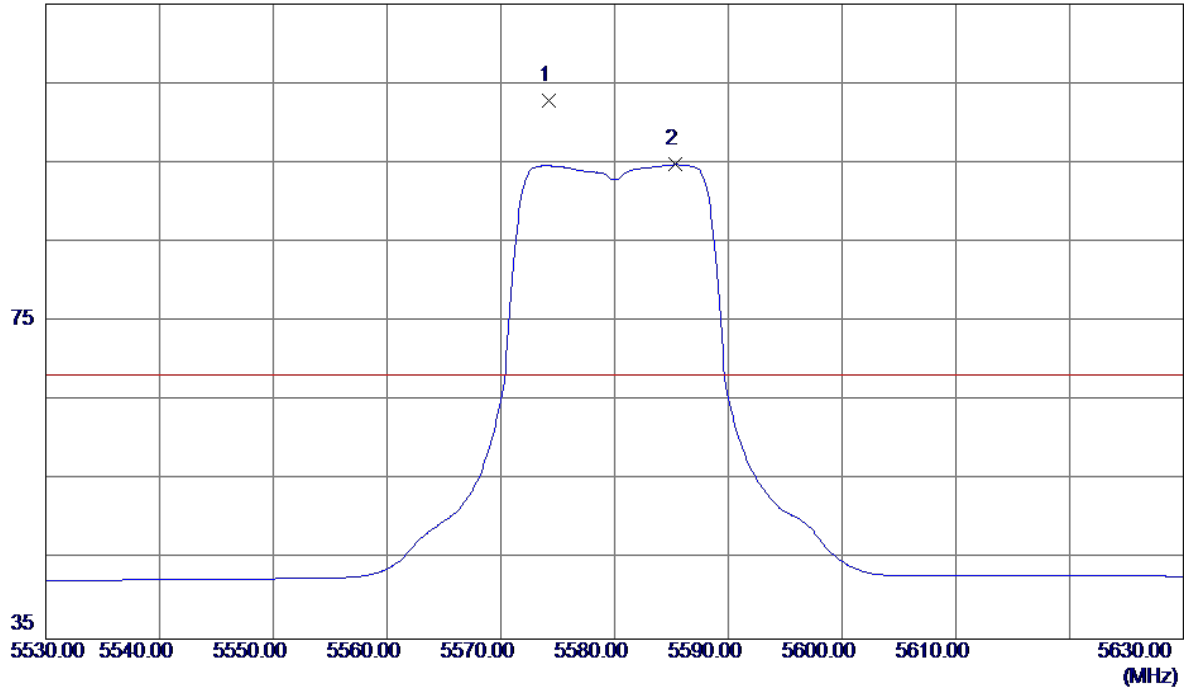


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.9400	25.26	10.73	35.99	54.00	-18.01	AVG	
2	7440.0950	35.14	10.73	45.87	74.00	-28.13	Peak	

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

Horizontal

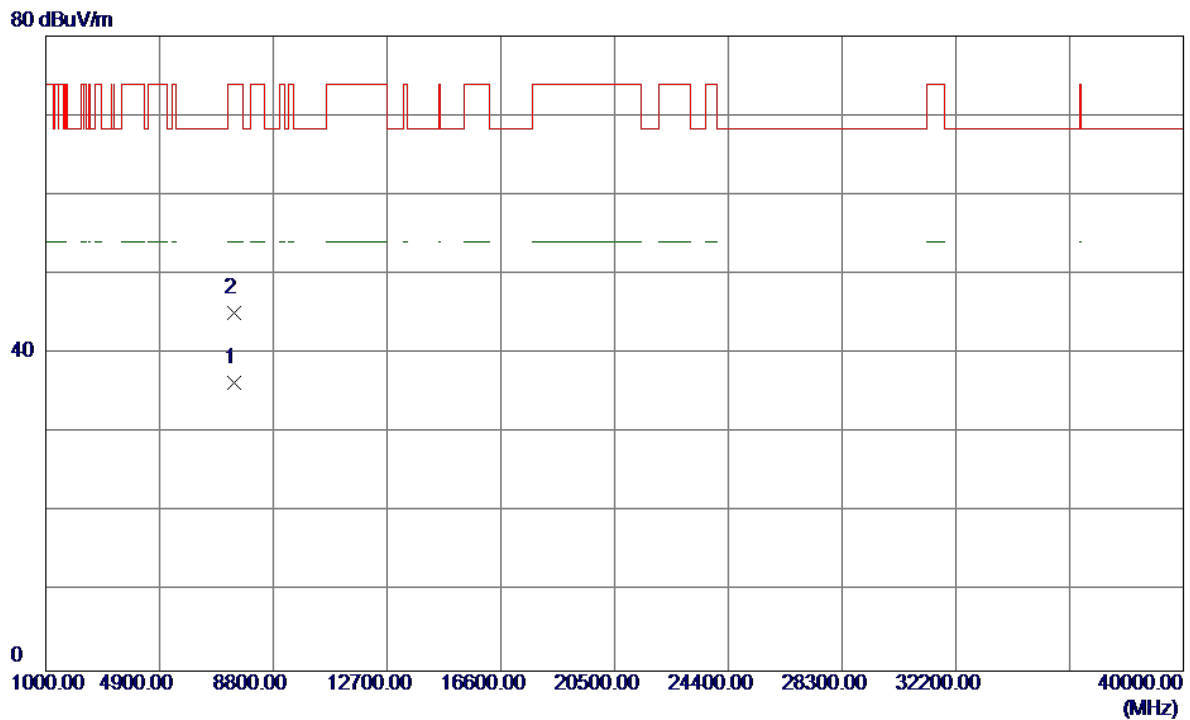
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5574.2000	61.68	41.14	102.82	68.30	34.52	Peak	No Limit
2	5585.3000	53.59	41.18	94.77	999.00	-904.23	AVG	No Limit

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

Horizontal

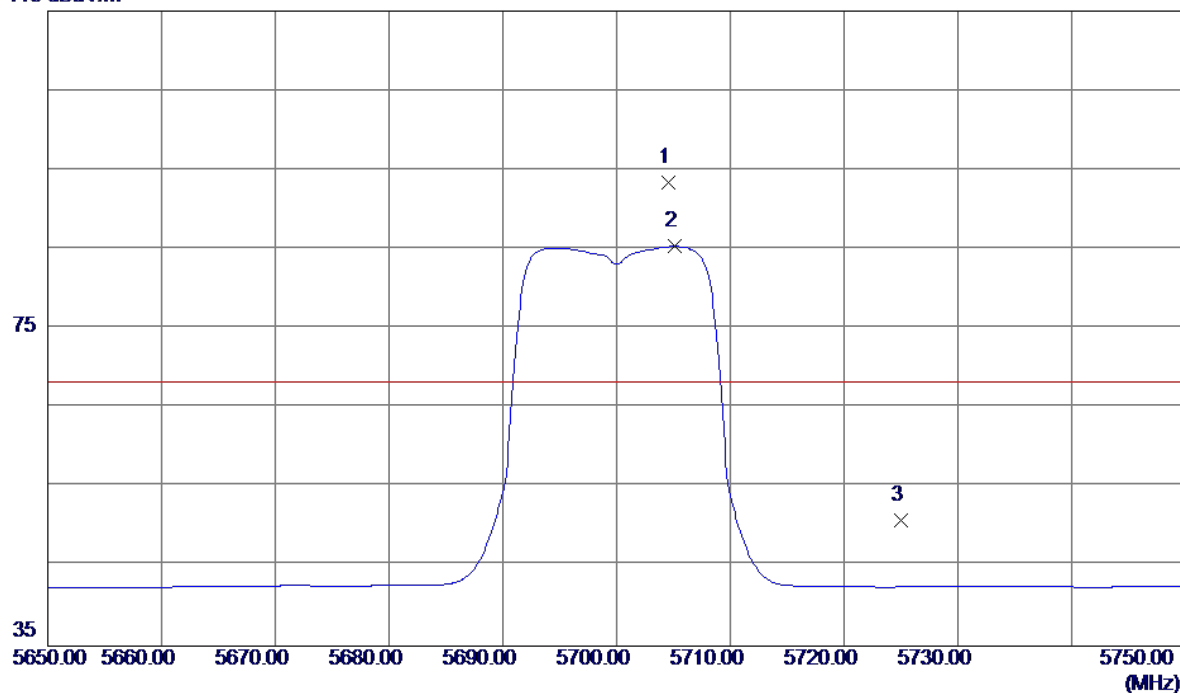


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7440.0100	25.57	10.73	36.30	54.00	-17.70	AVG	
2	7439.9650	34.35	10.73	45.08	74.00	-28.92	Peak	

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

Vertical

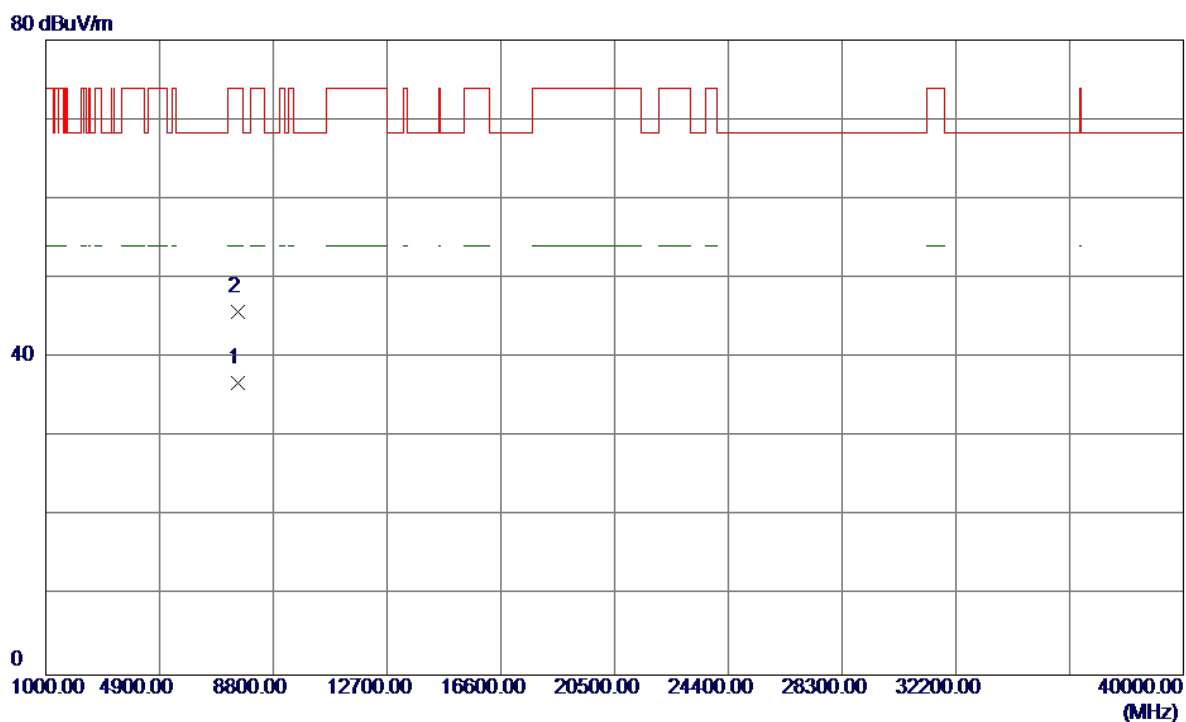
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5704.6000	51.78	41.62	93.40	68.30	25.10	Peak	No Limit
2	5705.1000	43.72	41.62	85.34	999.00	-913.66	AVG	No Limit
3	5725.0000	9.12	41.70	50.82	68.30	-17.48	Peak	

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

Vertical

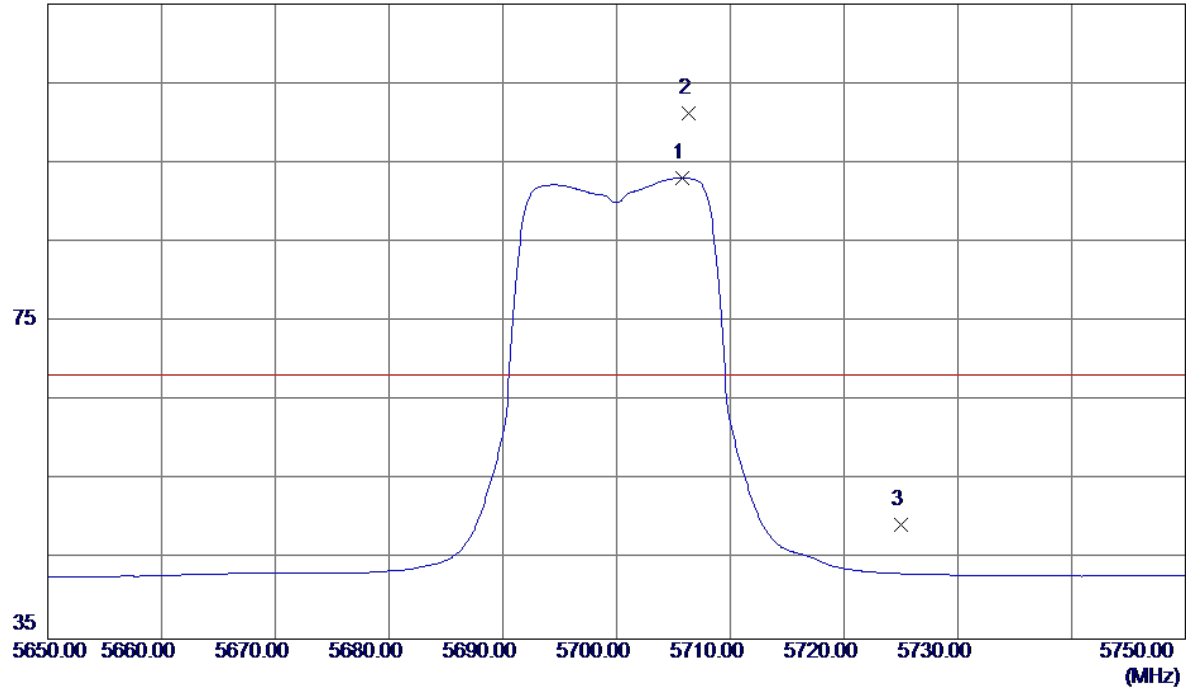


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9500	26.03	10.84	36.87	54.00	-17.13	AVG	
2	7600.1100	34.98	10.84	45.82	74.00	-28.18	Peak	

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

Horizontal

115 dBuV/m

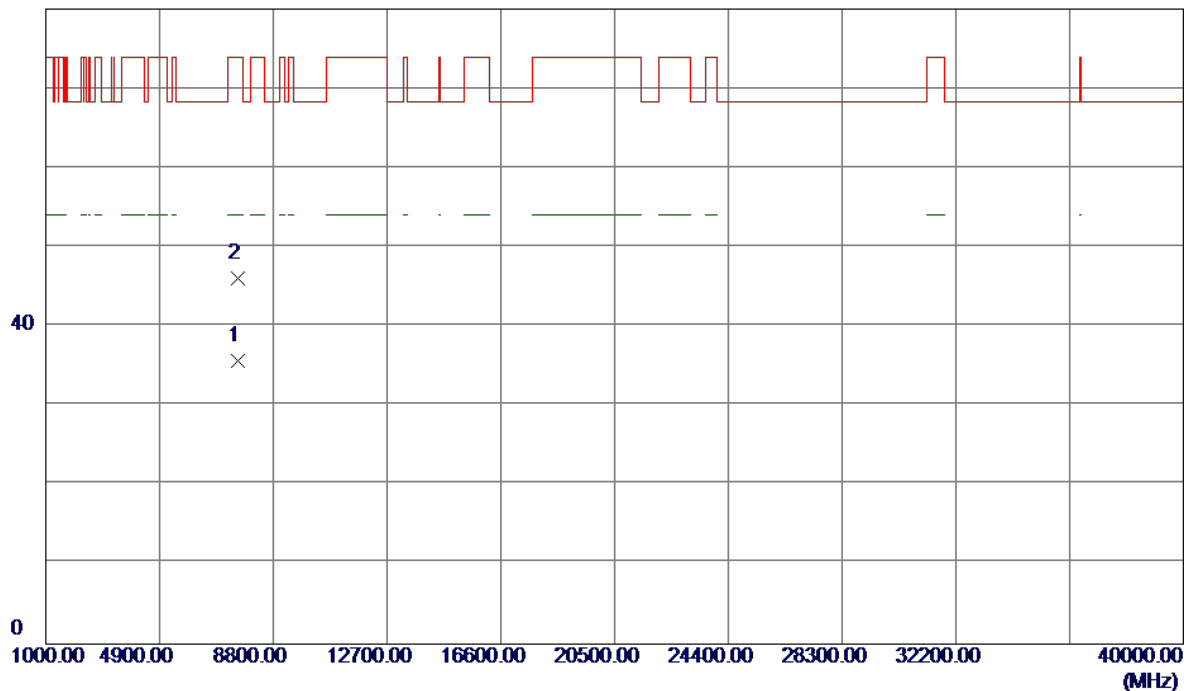


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5705.8000	51.45	41.63	93.08	999.00	-905.92	AVG	No Limit
2 *	5706.3000	59.60	41.63	101.23	68.30	32.93	Peak	No Limit
3	5725.0000	7.64	41.70	49.34	68.30	-18.96	Peak	

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

Horizontal

80 dBuV/m

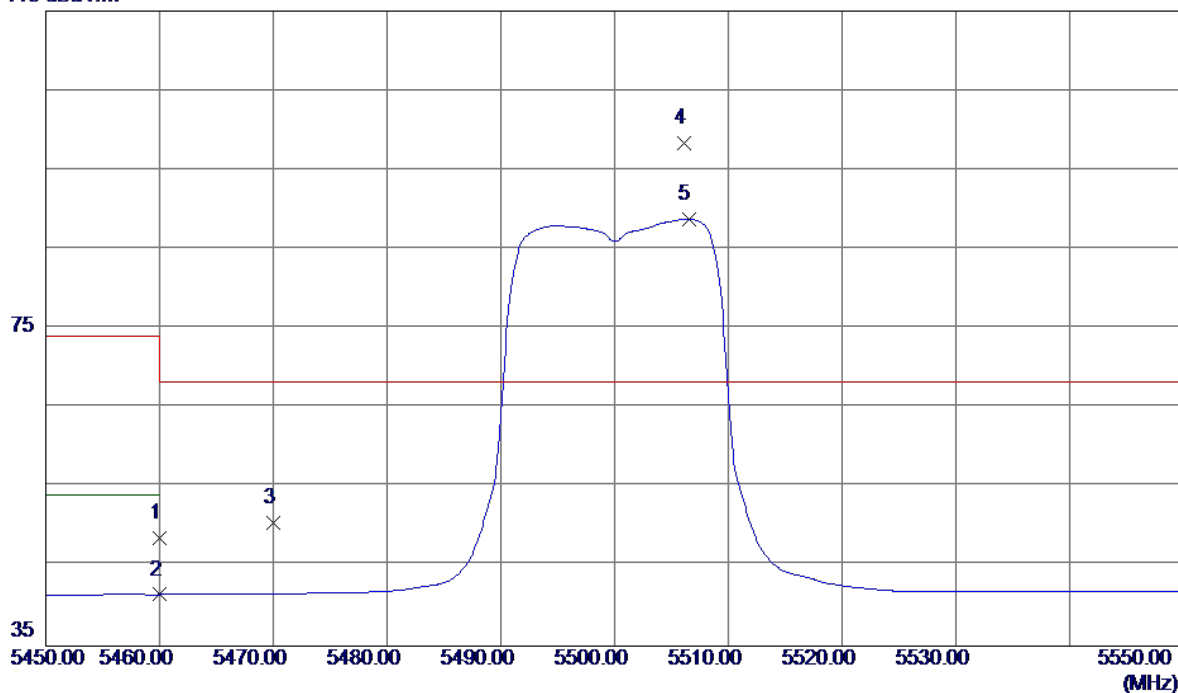


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9900	24.92	10.84	35.76	54.00	-18.24	AVG	
2	7600.2800	35.31	10.84	46.15	74.00	-27.85	Peak	

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

Vertical

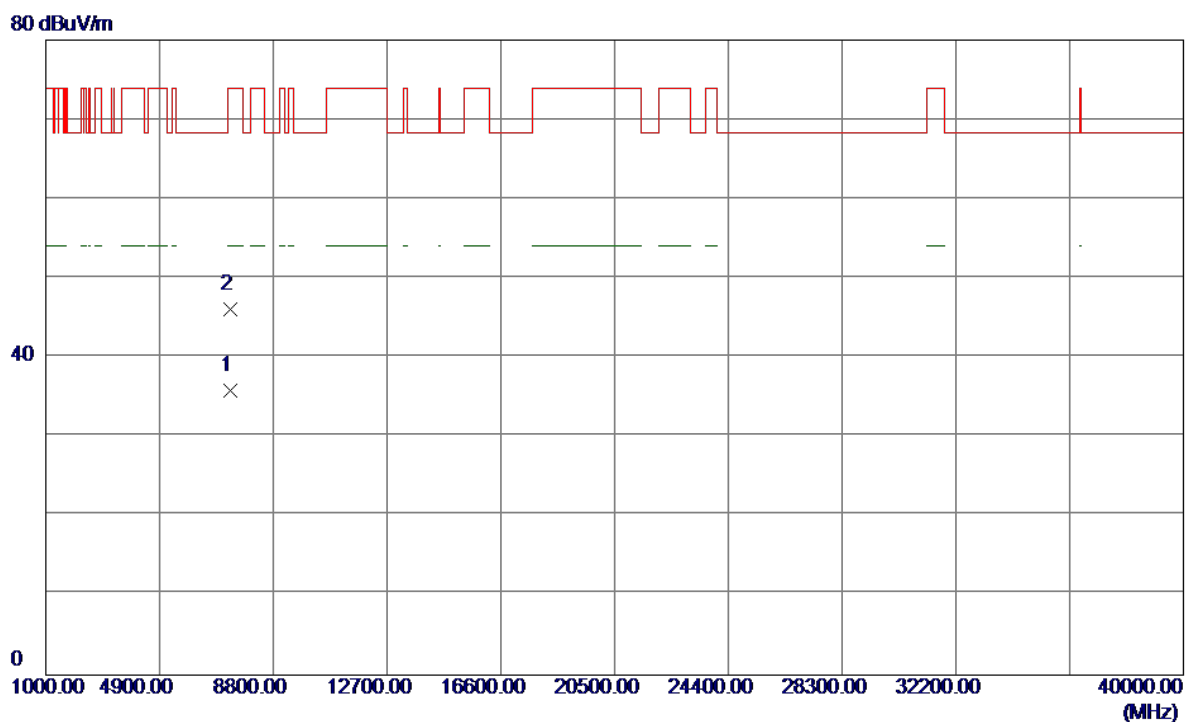
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	7.80	40.76	48.56	74.00	-25.44	Peak	
2	5460.0000	0.72	40.76	41.48	54.00	-12.52	AVG	
3	5470.0000	9.69	40.79	50.48	68.30	-17.82	Peak	
4 *	5506.1000	57.47	40.89	98.36	68.30	30.06	Peak	No Limit
5	5506.5000	47.92	40.89	88.81	999.00	-910.19	AVG	No Limit

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

Vertical

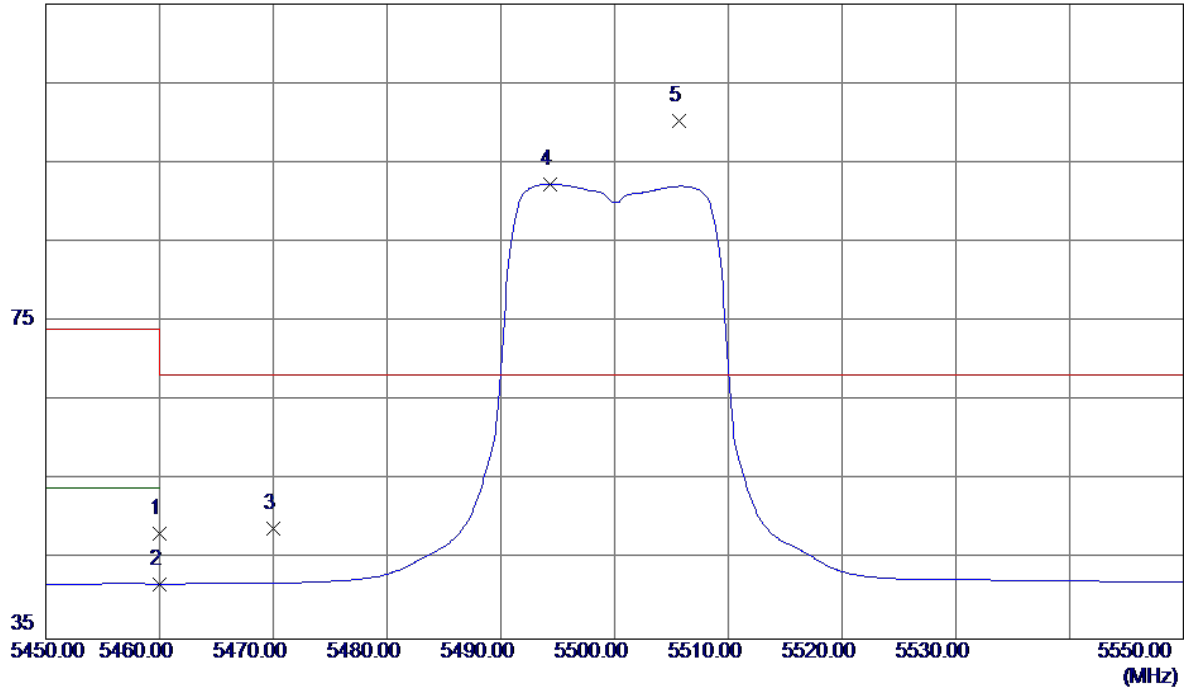


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.2900	25.38	10.53	35.91	54.00	-18.09	AVG	
2	7333.3700	35.60	10.53	46.13	74.00	-27.87	Peak	

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

Horizontal

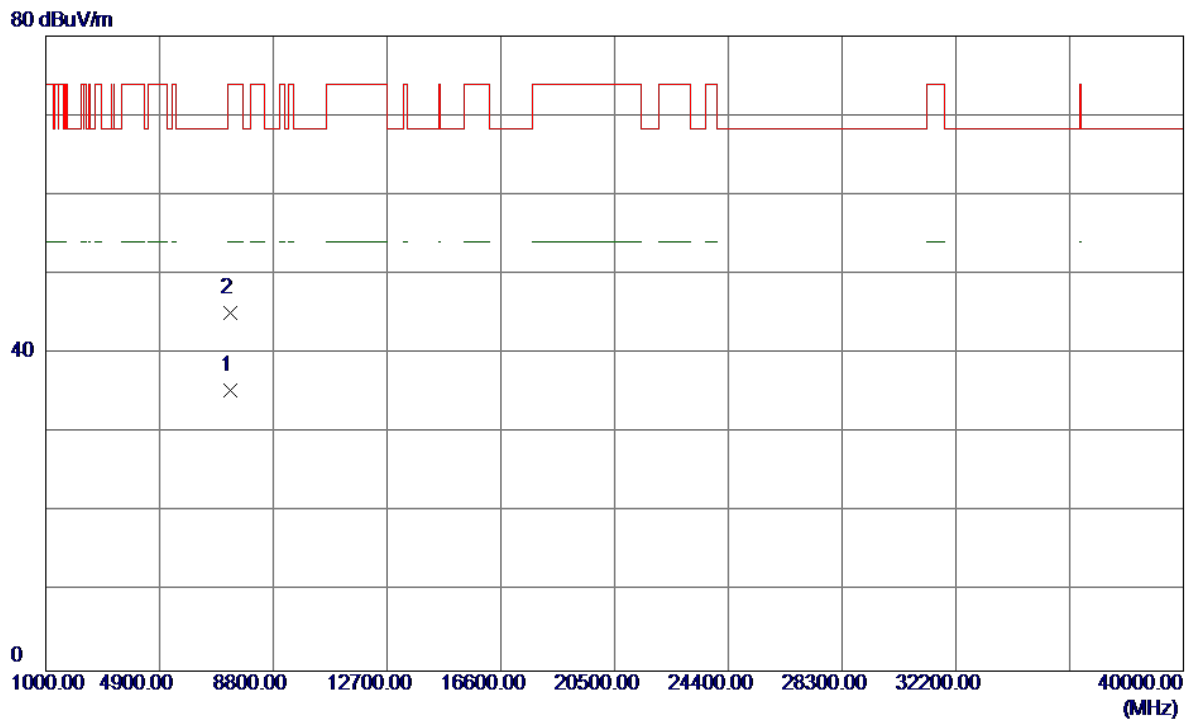
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	7.53	40.76	48.29	74.00	-25.71	Peak	
2	5460.0000	1.19	40.76	41.95	54.00	-12.05	AVG	
3	5470.0000	8.11	40.79	48.90	68.30	-19.40	Peak	
4	5494.3000	51.50	40.85	92.35	999.00	-906.65	AVG	No Limit
5 *	5505.7000	59.38	40.89	100.27	68.30	31.97	Peak	No Limit

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

Horizontal

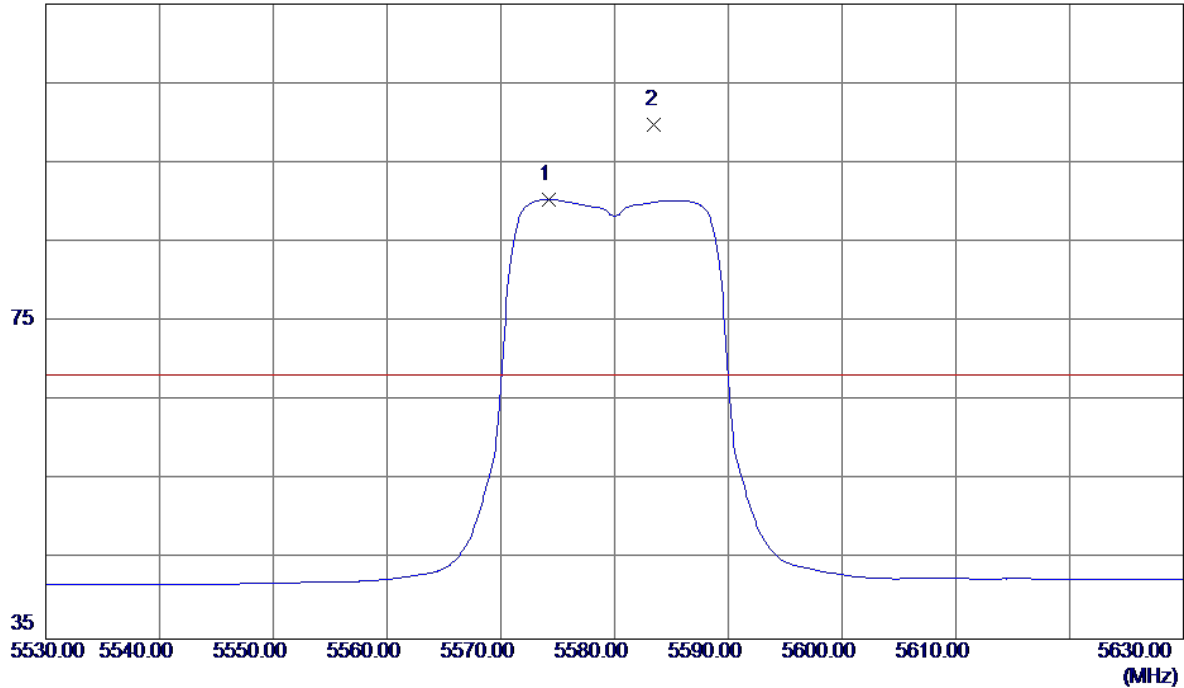


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7333.2750	24.85	10.53	35.38	54.00	-18.62	AVG	
2	7333.4750	34.52	10.53	45.05	74.00	-28.95	Peak	

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

Vertical

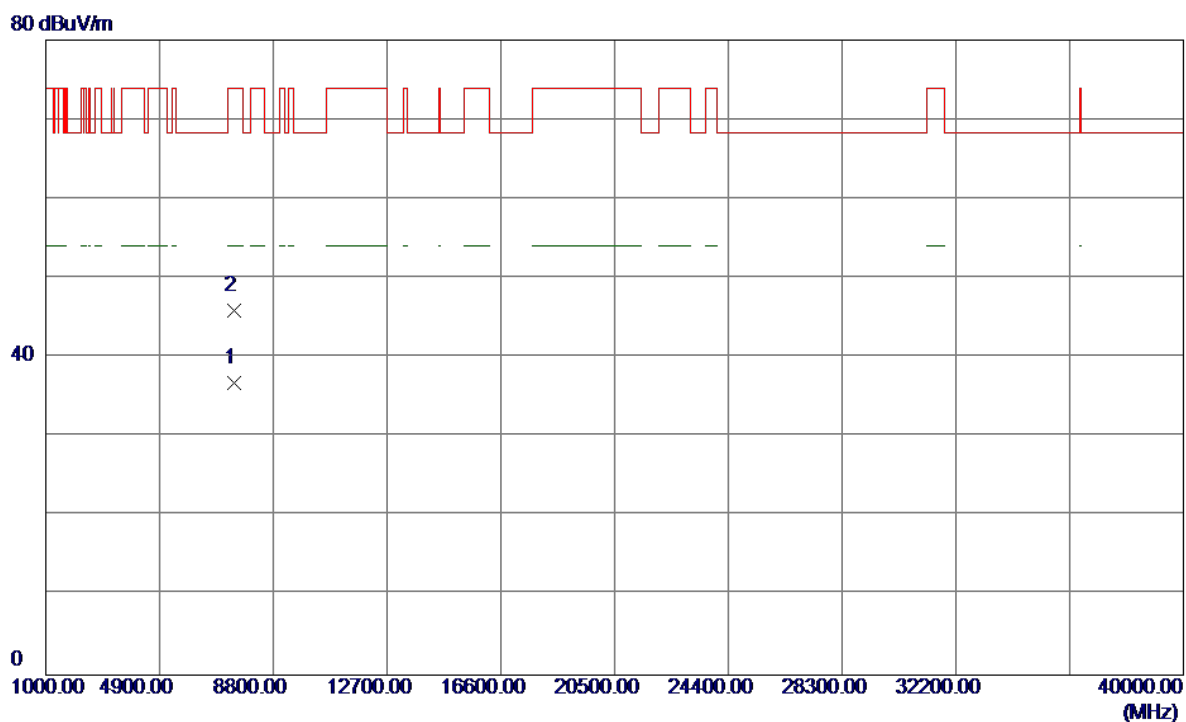
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5574.2000	49.25	41.14	90.39	999.00	-908.61	AVG	No Limit
2 *	5583.5000	58.70	41.18	99.88	68.30	31.58	Peak	No Limit

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

Vertical

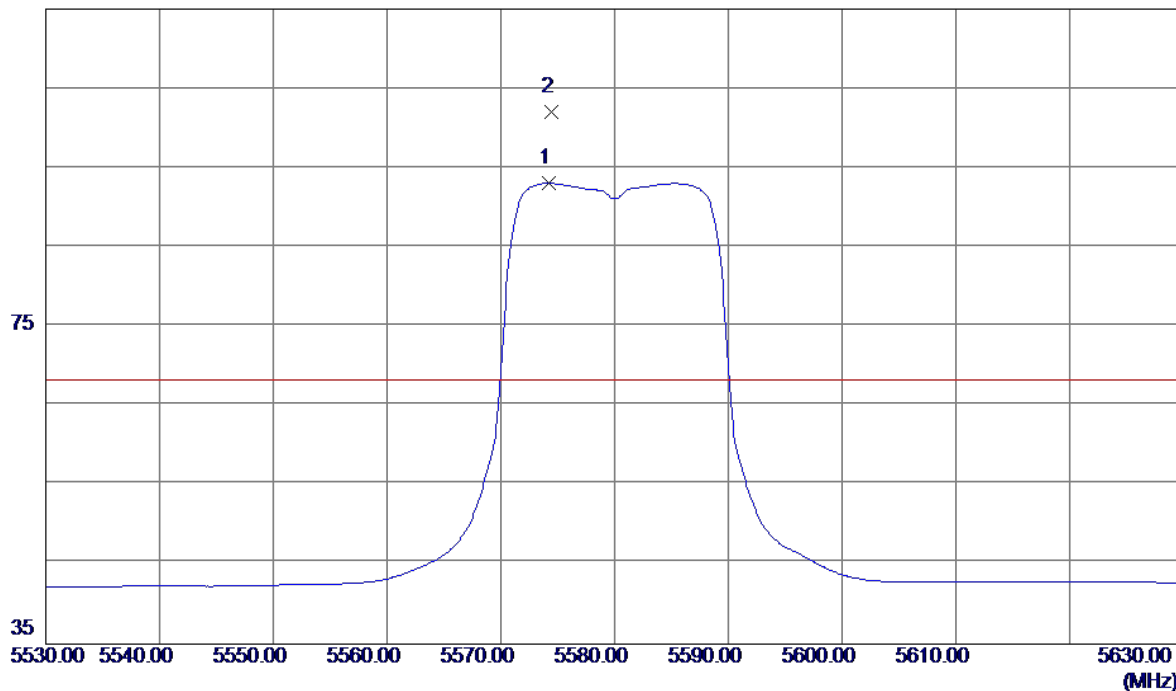


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.9450	26.14	10.73	36.87	54.00	-17.13	AVG	
2	7440.0600	35.25	10.73	45.98	74.00	-28.02	Peak	

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

Horizontal

115 dBuV/m

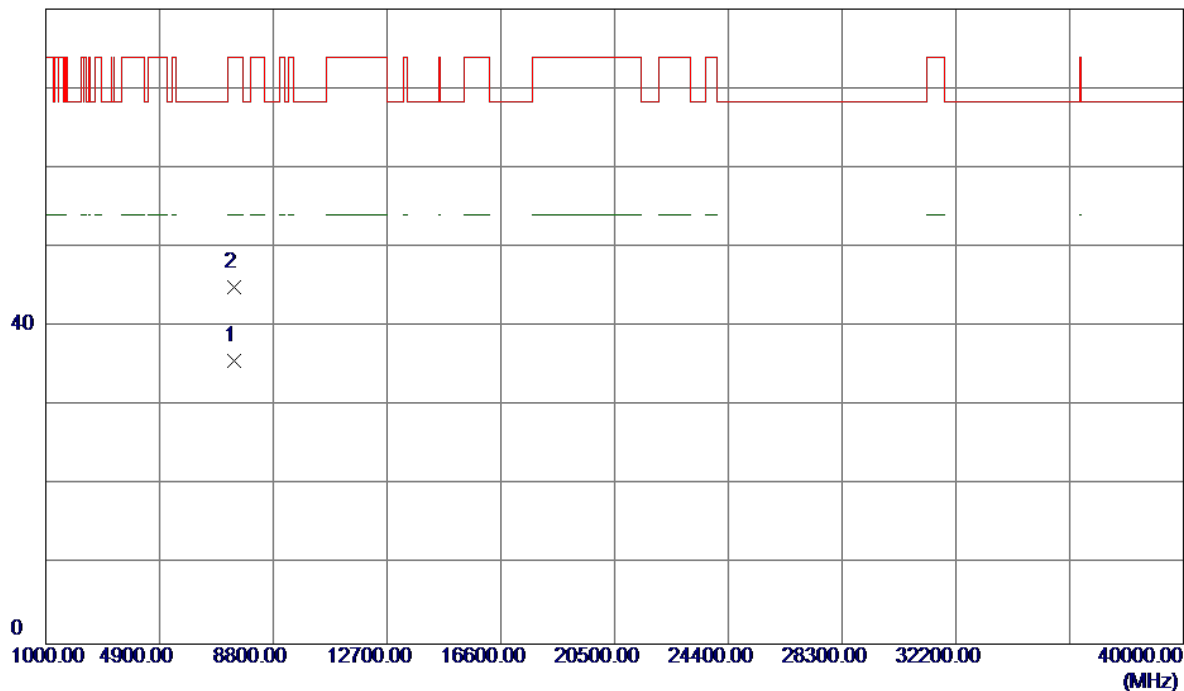


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5574.2000	51.92	41.14	93.06	999.00	-905.94	AVG	No Limit
2 *	5574.4000	60.89	41.14	102.03	68.30	33.73	Peak	No Limit

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

Horizontal

80 dBuV/m

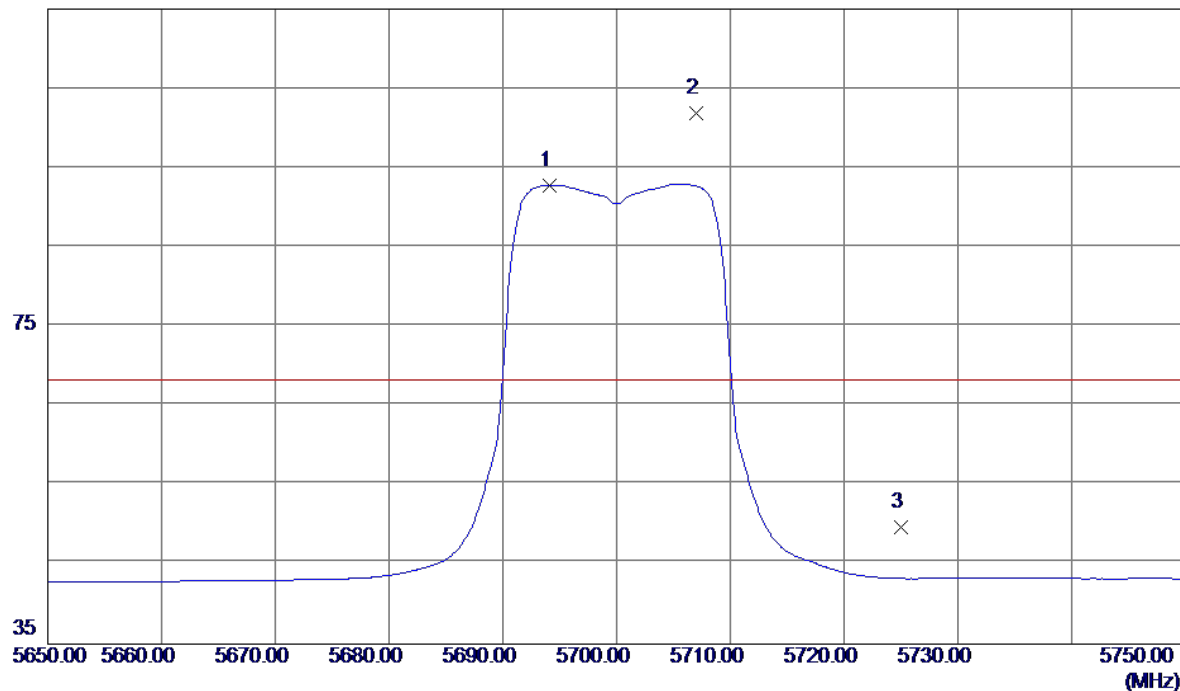


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7439.9700	24.97	10.73	35.70	54.00	-18.30	AVG	
2	7439.9100	34.17	10.73	44.90	74.00	-29.10	Peak	

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

Vertical

115 dBuV/m

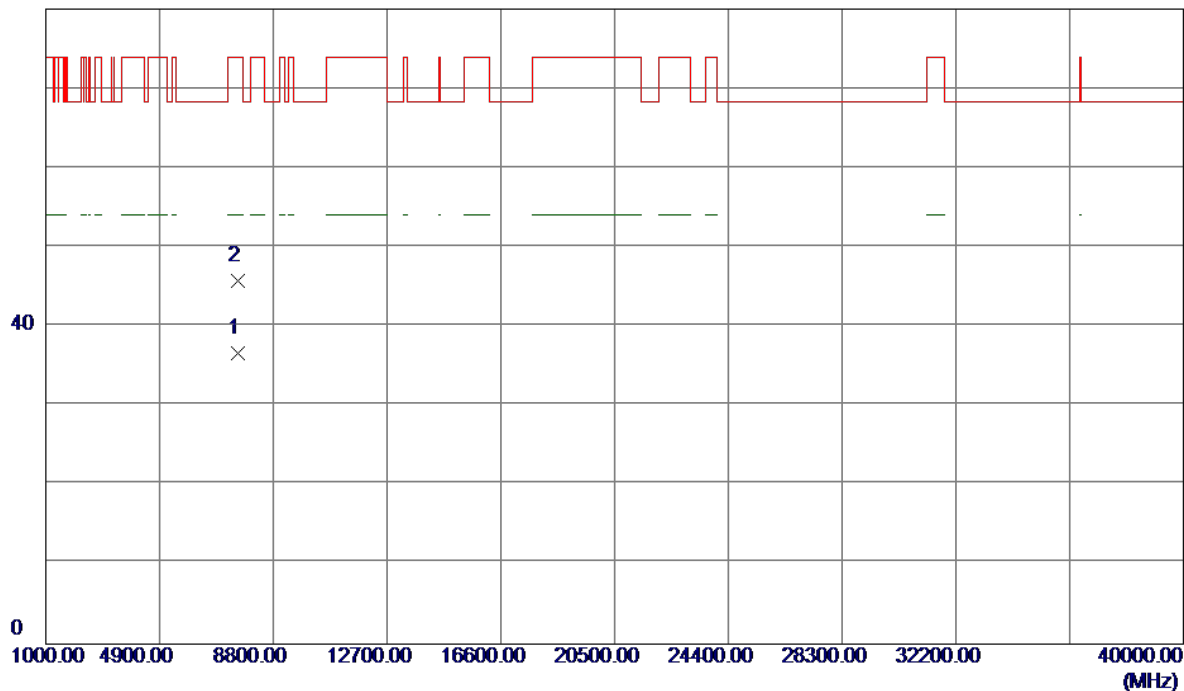


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5694.1000	51.25	41.58	92.83	999.00	-906.17	AVG	No Limit
2 *	5707.0000	60.25	41.63	101.88	68.30	33.58	Peak	No Limit
3	5725.0000	8.05	41.70	49.75	68.30	-18.55	Peak	

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

Vertical

80 dBuV/m

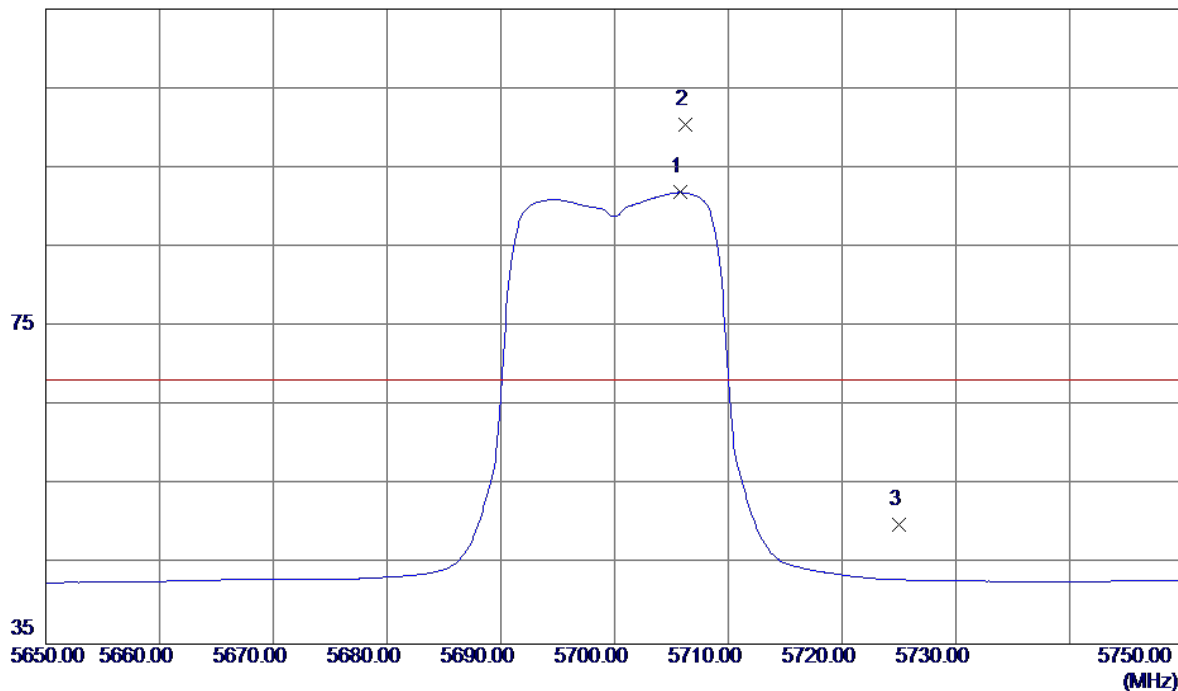


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9650	25.87	10.84	36.71	54.00	-17.29	AVG	
2	7600.0250	34.96	10.84	45.80	74.00	-28.20	Peak	

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

Horizontal

115 dBuV/m

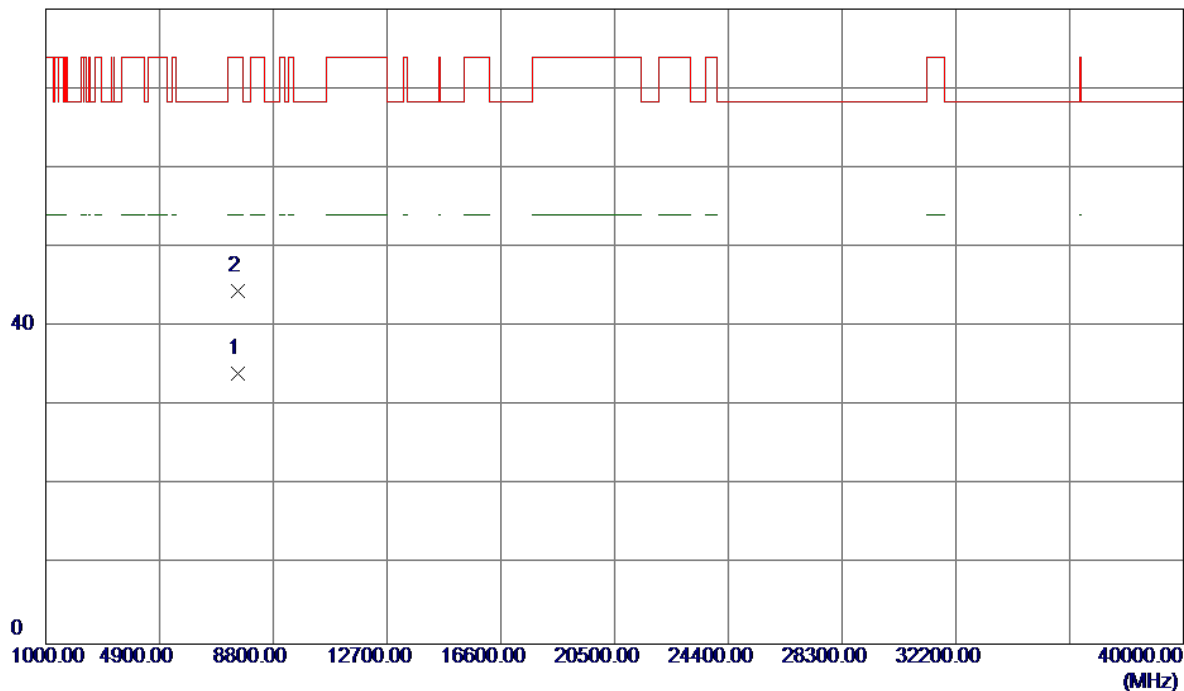


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5705.8000	50.26	41.63	91.89	999.00	-907.11	AVG	No Limit
2 *	5706.2000	58.80	41.63	100.43	68.30	32.13	Peak	No Limit
3	5725.0000	8.31	41.70	50.01	68.30	-18.29	Peak	

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

Horizontal

80 dBuV/m

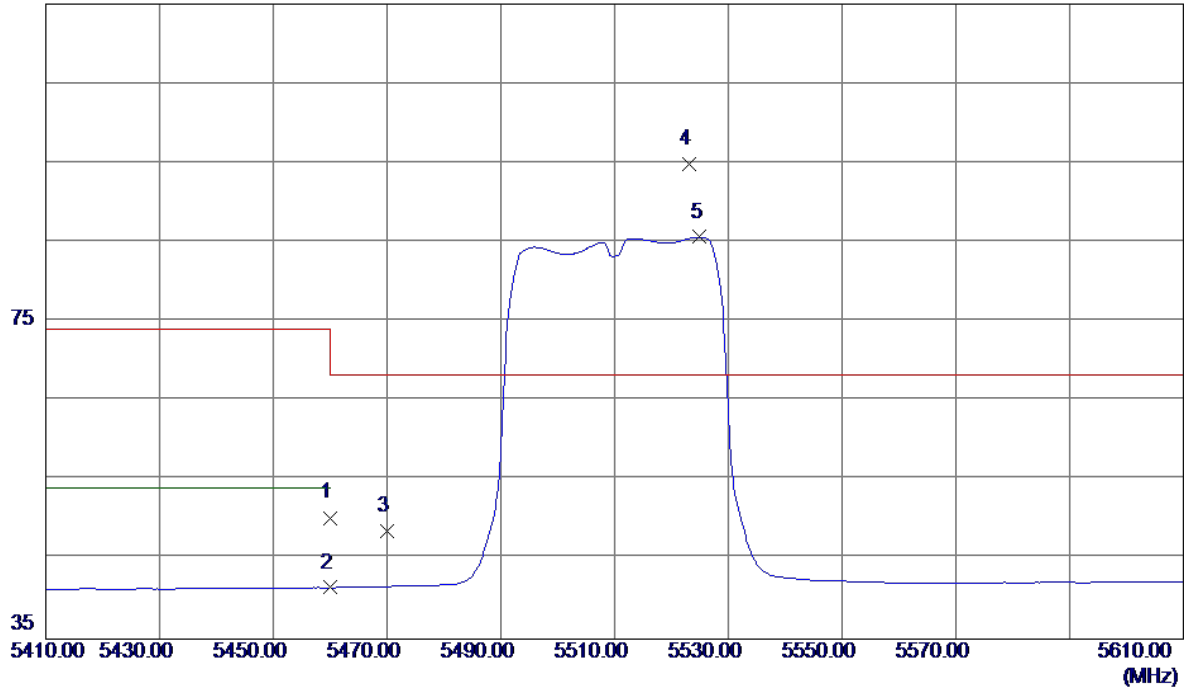


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7599.9450	23.29	10.84	34.13	54.00	-19.87	AVG	
2	7599.7350	33.65	10.84	44.49	74.00	-29.51	Peak	

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

Vertical

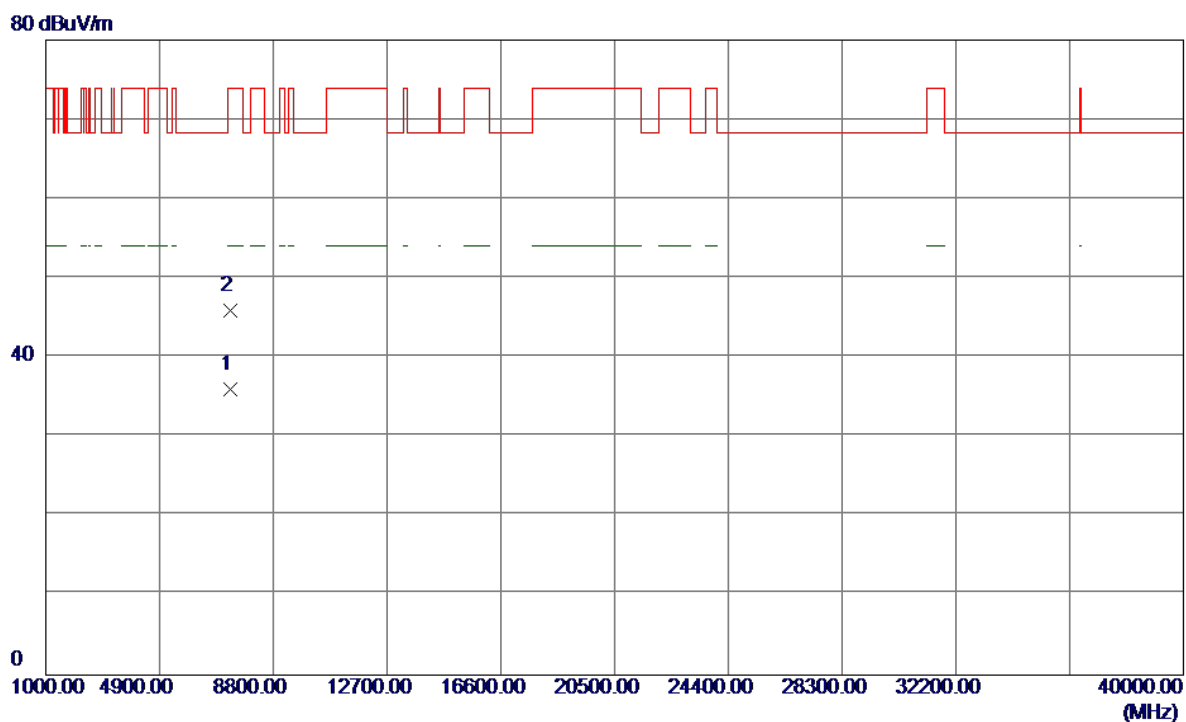
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	9.52	40.76	50.28	74.00	-23.72	Peak	
2	5460.0000	0.72	40.76	41.48	54.00	-12.52	AVG	
3	5470.0000	7.84	40.79	48.63	68.30	-19.67	Peak	
4 *	5523.2000	53.87	40.96	94.83	68.30	26.53	Peak	No Limit
5	5525.0000	44.68	40.96	85.64	999.00	-913.36	AVG	No Limit

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

Vertical

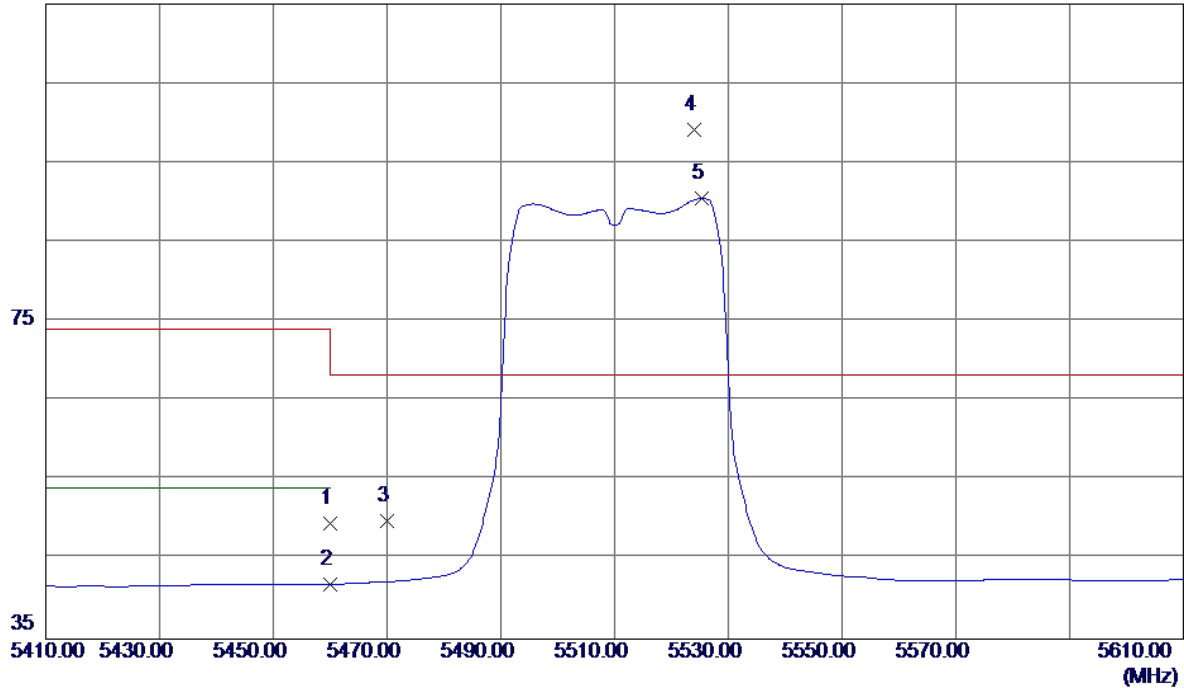


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7346.6200	25.51	10.55	36.06	54.00	-17.94	AVG	
2	7346.5800	35.29	10.55	45.84	74.00	-28.16	Peak	

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

Horizontal

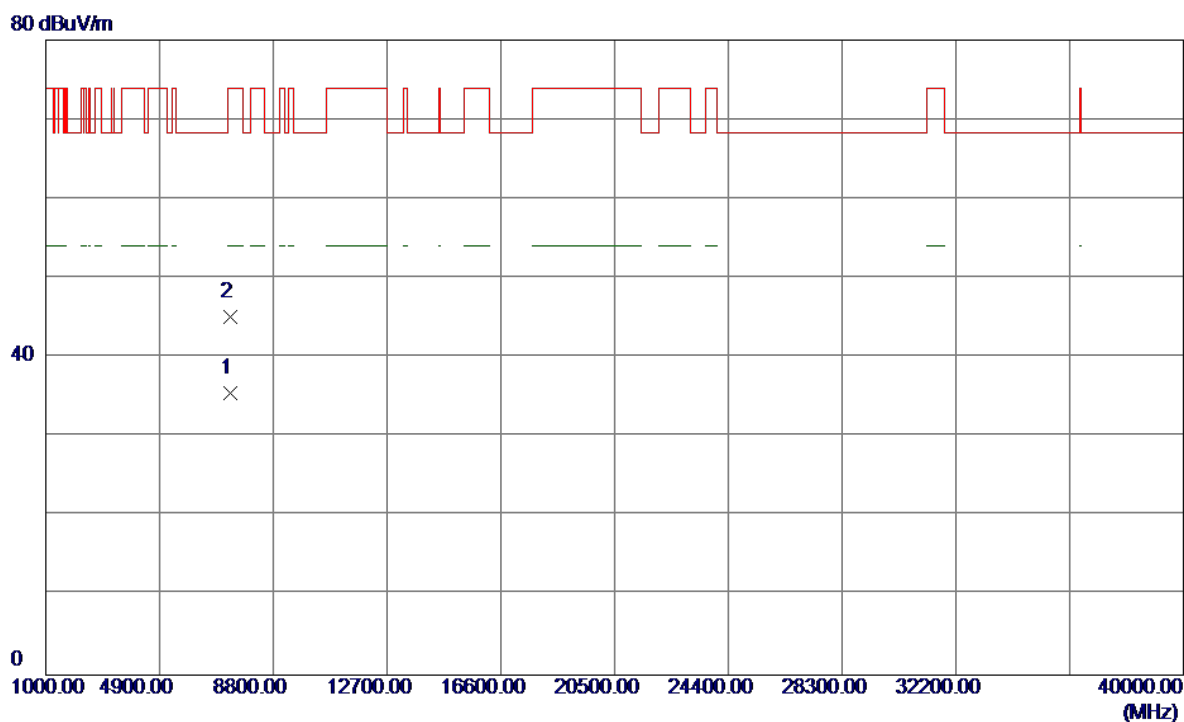
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	8.77	40.76	49.53	74.00	-24.47	Peak	
2	5460.0000	1.15	40.76	41.91	54.00	-12.09	AVG	
3	5470.0000	9.05	40.79	49.84	68.30	-18.46	Peak	
4 *	5524.0000	58.24	40.96	99.20	68.30	30.90	Peak	No Limit
5	5525.4000	49.56	40.96	90.52	999.00	-908.48	AVG	No Limit

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

Horizontal

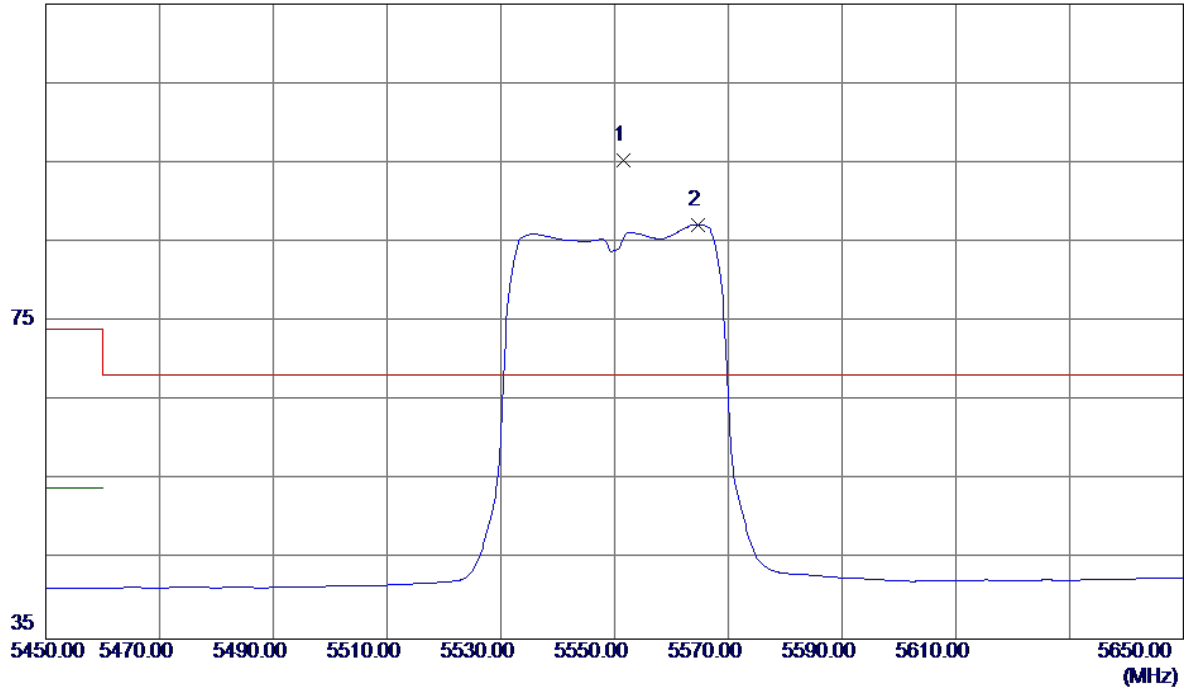


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7346.6250	24.98	10.55	35.53	54.00	-18.47	AVG	
2	7346.5850	34.59	10.55	45.14	74.00	-28.86	Peak	

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

Vertical

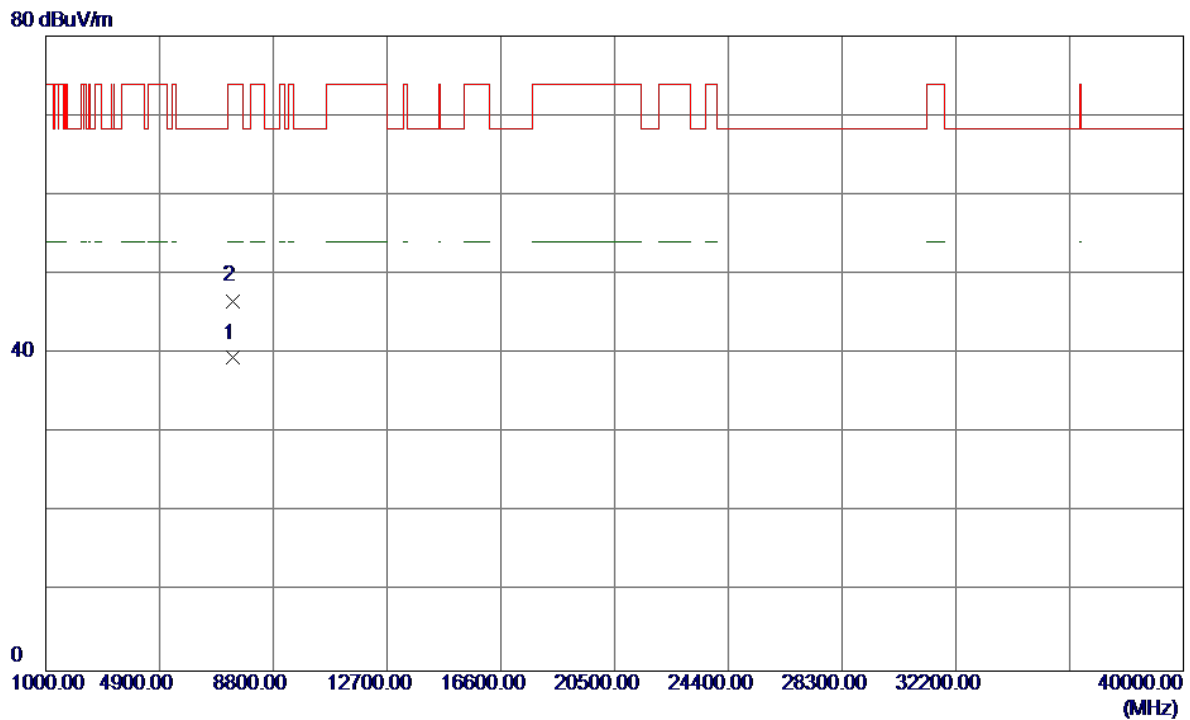
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5551.6000	54.24	41.06	95.30	68.30	27.00	Peak	No L imit
2	5564.6000	46.13	41.11	87.24	999.00	-911.76	AVG	No L imit

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

Vertical

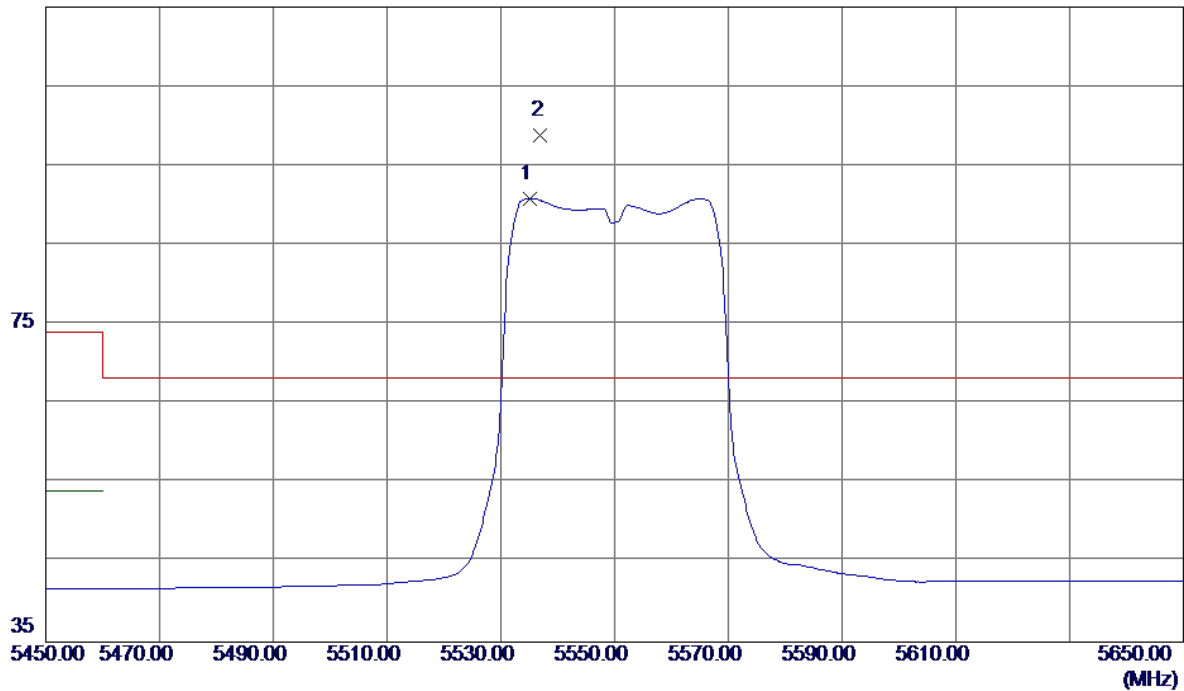


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7400.3100	28.79	10.65	39.44	54.00	-14.56	AVG	
2	7400.3950	35.99	10.65	46.64	74.00	-27.36	Peak	

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

Horizontal

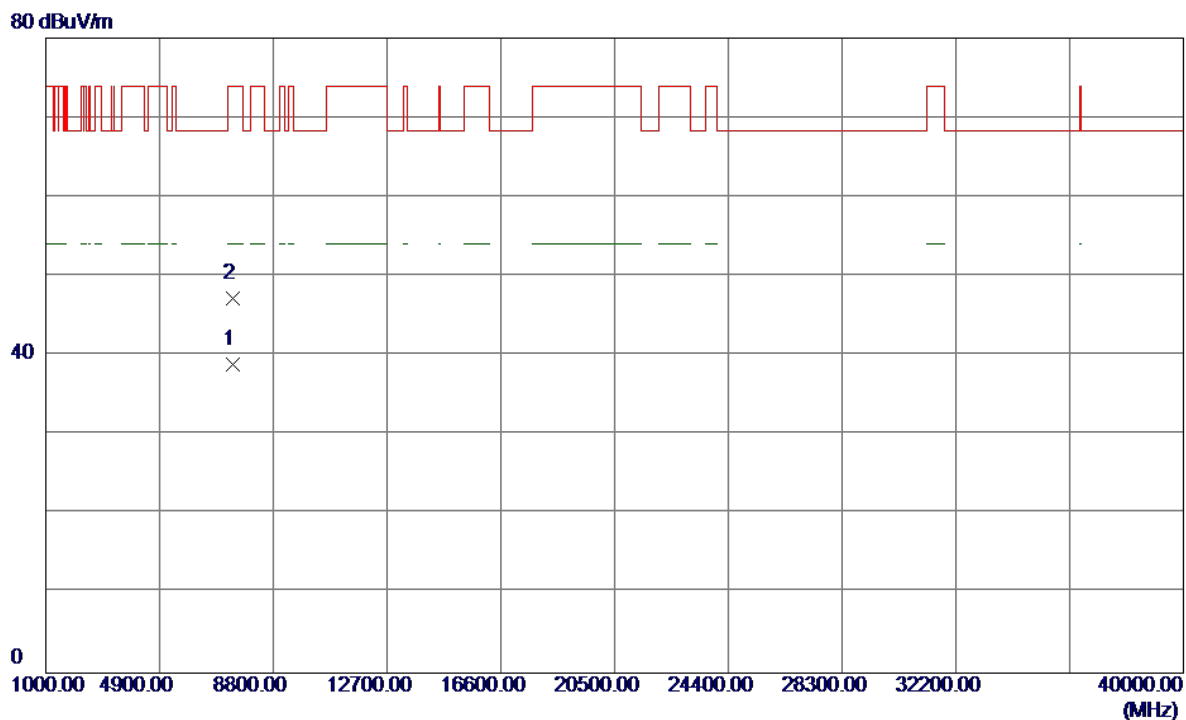
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5535.2000	49.90	41.00	90.90	999.00	-908.10	AVG	No Limit
2 *	5537.0000	57.82	41.01	98.83	68.30	30.53	Peak	No Limit

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

Horizontal

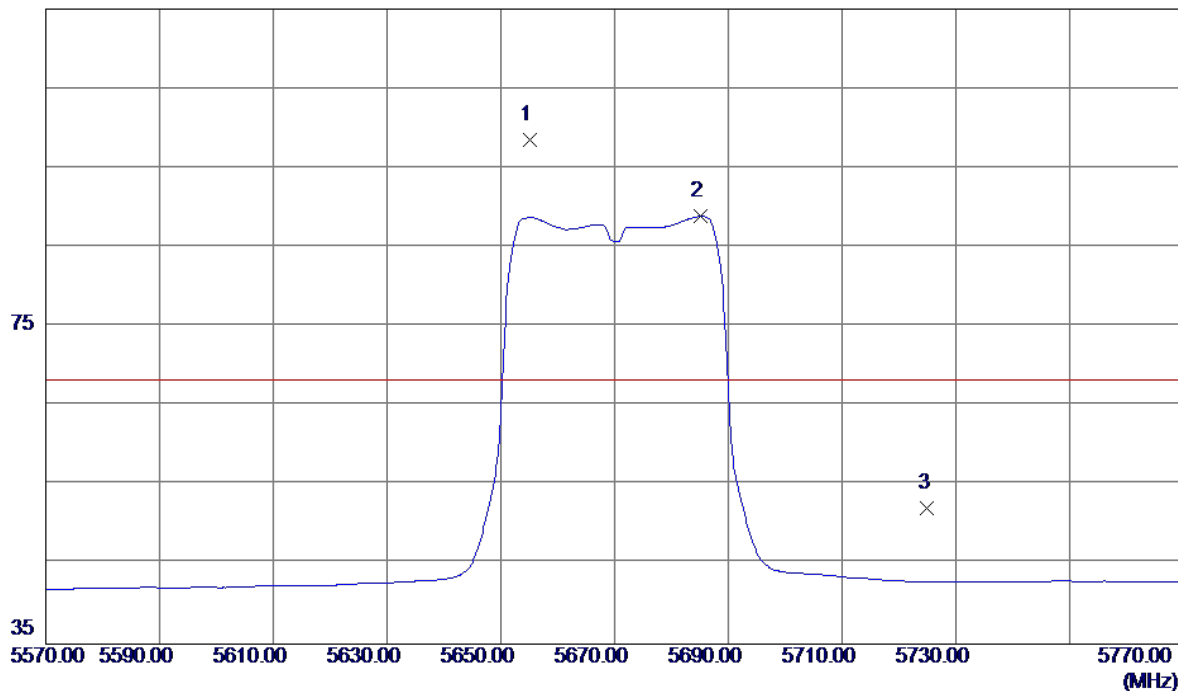


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7400.6150	28.19	10.65	38.84	54.00	-15.16	AVG	
2	7400.6250	36.57	10.65	47.22	74.00	-26.78	Peak	

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

Vertical

115 dBuV/m

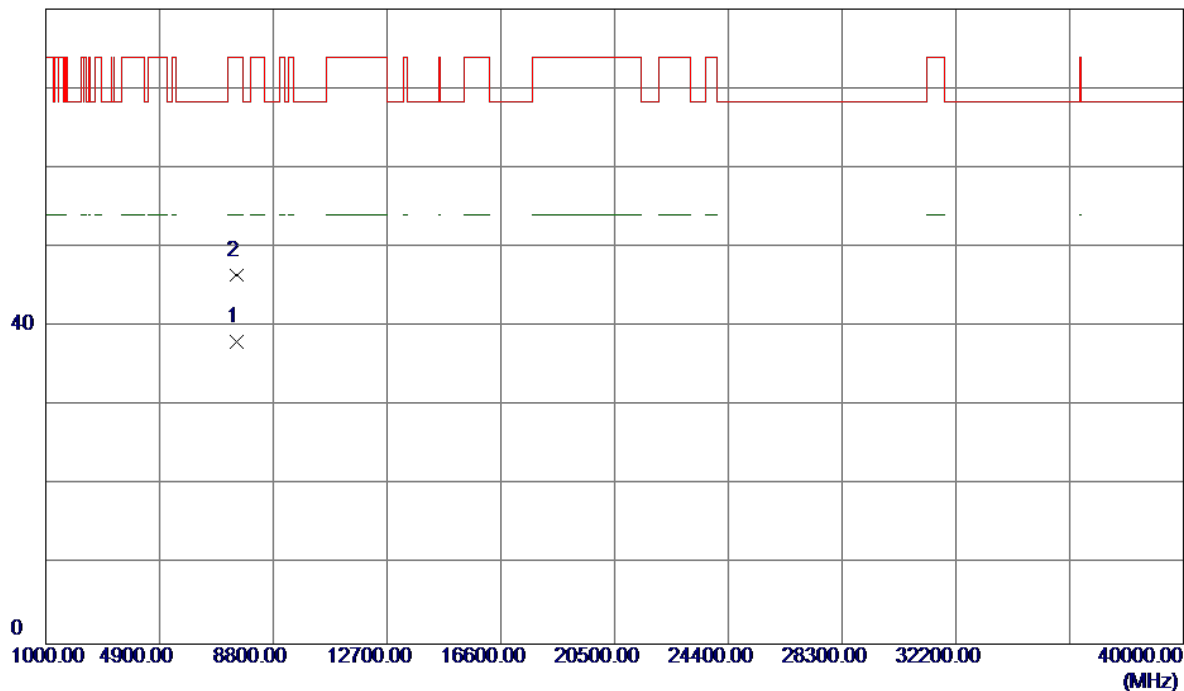


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5655.2000	57.15	41.44	98.59	68.30	30.29	Peak	No L imit
2	5685.2000	47.34	41.55	88.89	999.00	-910.11	AVG	No L imit
3	5725.0000	10.40	41.70	52.10	68.30	-16.20	Peak	

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

Vertical

80 dBuV/m

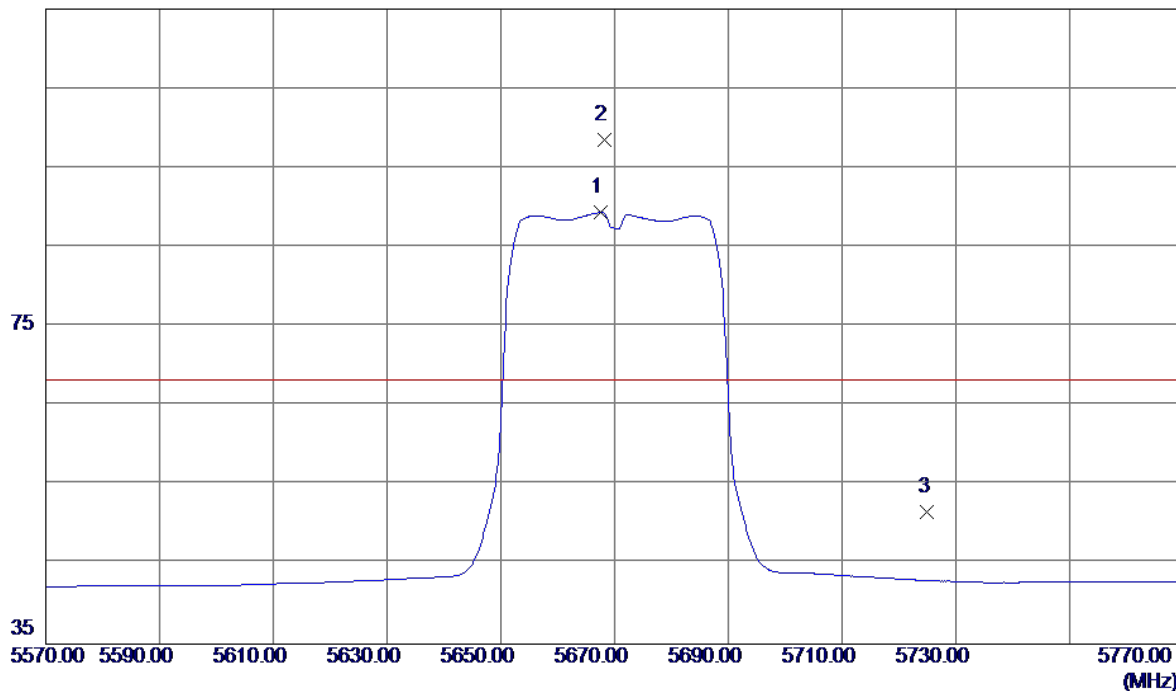


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7559.9650	27.21	10.84	38.05	54.00	-15.95	AVG	
2	7559.8800	35.64	10.84	46.48	74.00	-27.52	Peak	

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

Horizontal

115 dBuV/m

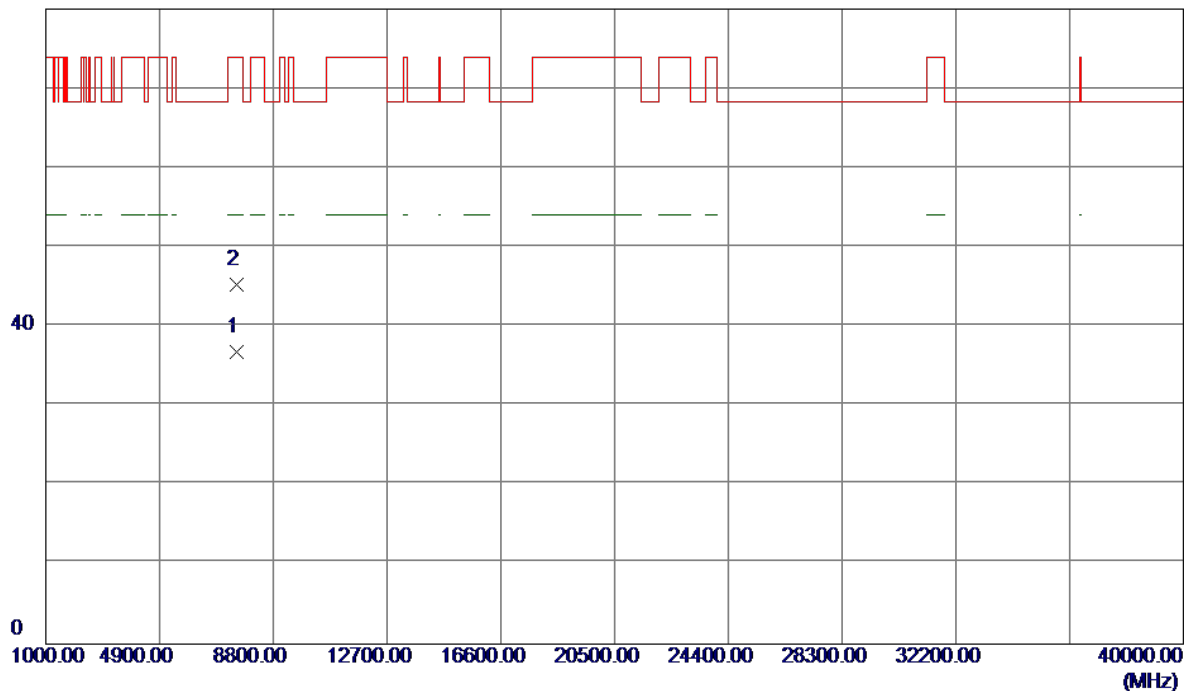


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5667.6000	47.88	41.49	89.37	999.00	-909.63	AVG	No Limit
2 *	5668.2000	57.09	41.49	98.58	68.30	30.28	Peak	No Limit
3	5725.0000	9.87	41.70	51.57	68.30	-16.73	Peak	

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

Horizontal

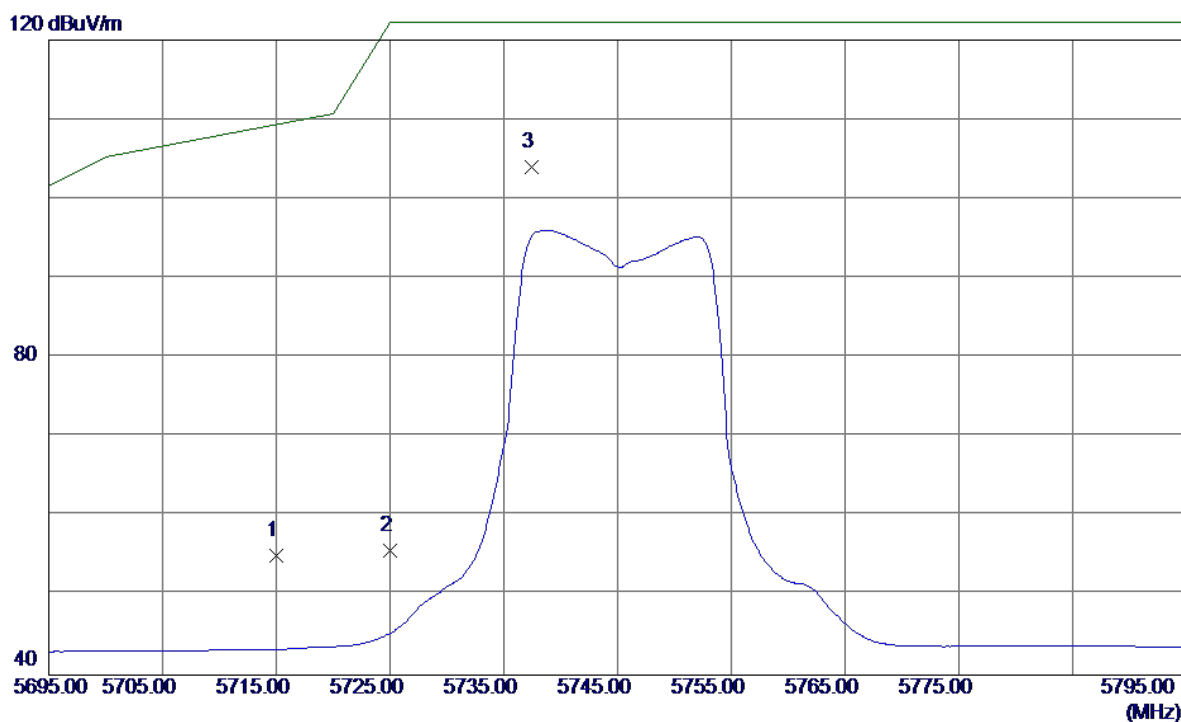
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7559.9600	25.97	10.84	36.81	54.00	-17.19	AVG	
2	7560.0700	34.39	10.84	45.23	74.00	-28.77	Peak	

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

Vertical

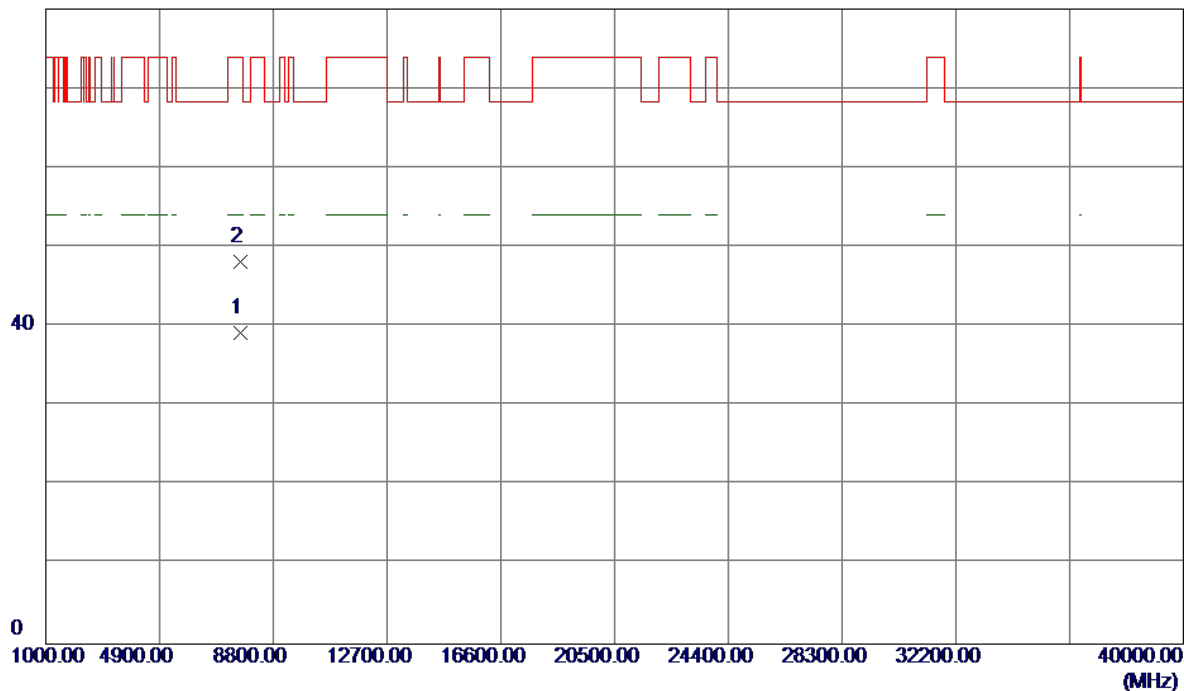


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	13.42	41.66	55.08	109.40	-54.32	Peak	
2	5725.0000	14.03	41.70	55.73	122.20	-66.47	Peak	
3 *	5737.4000	62.29	41.74	104.03	122.20	-18.17	Peak	

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

Vertical

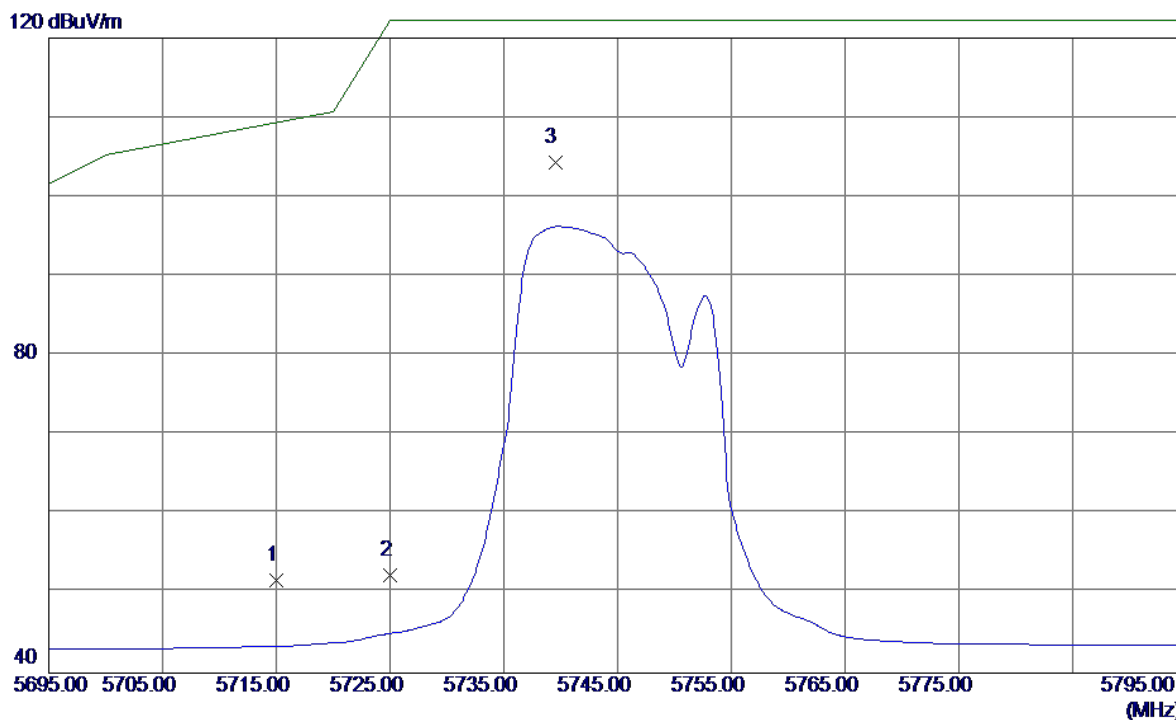
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7659.9550	28.43	10.84	39.27	54.00	-14.73	AVG	
2	7660.0250	37.35	10.84	48.19	74.00	-25.81	Peak	

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

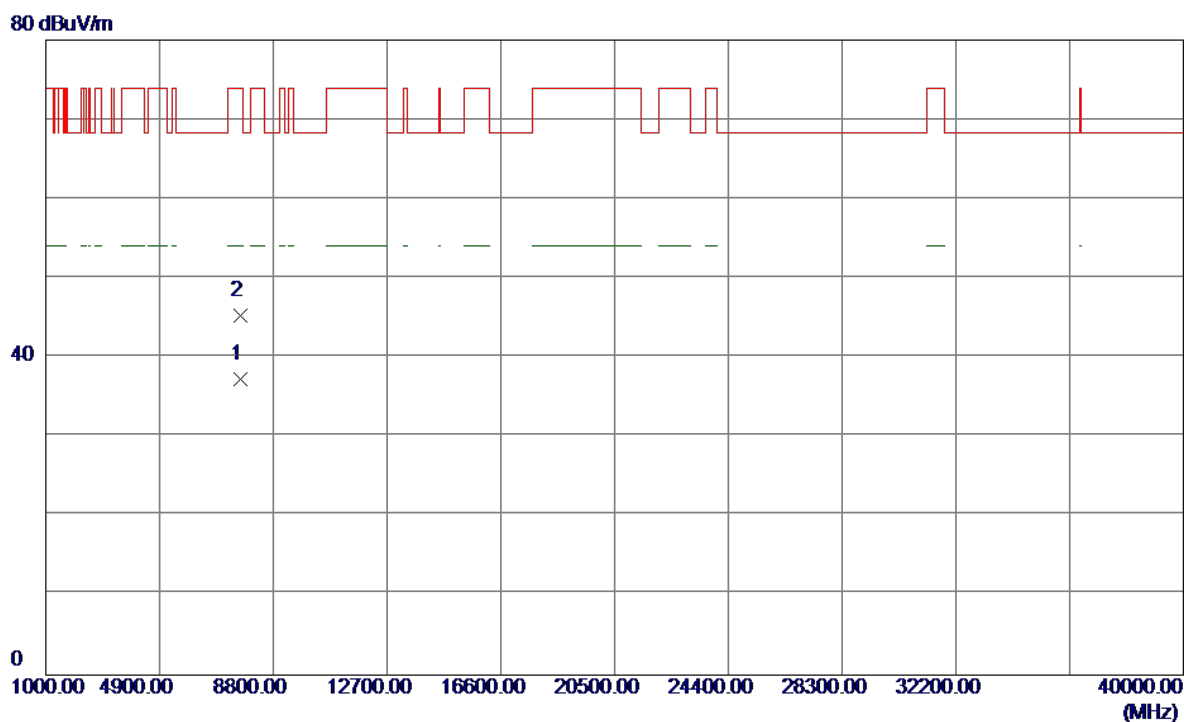
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	9.95	41.66	51.61	109.40	-57.79	Peak	
2	5725.0000	10.69	41.70	52.39	122.20	-69.81	Peak	
3 *	5739.5000	62.50	41.75	104.25	122.20	-17.95	Peak	

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

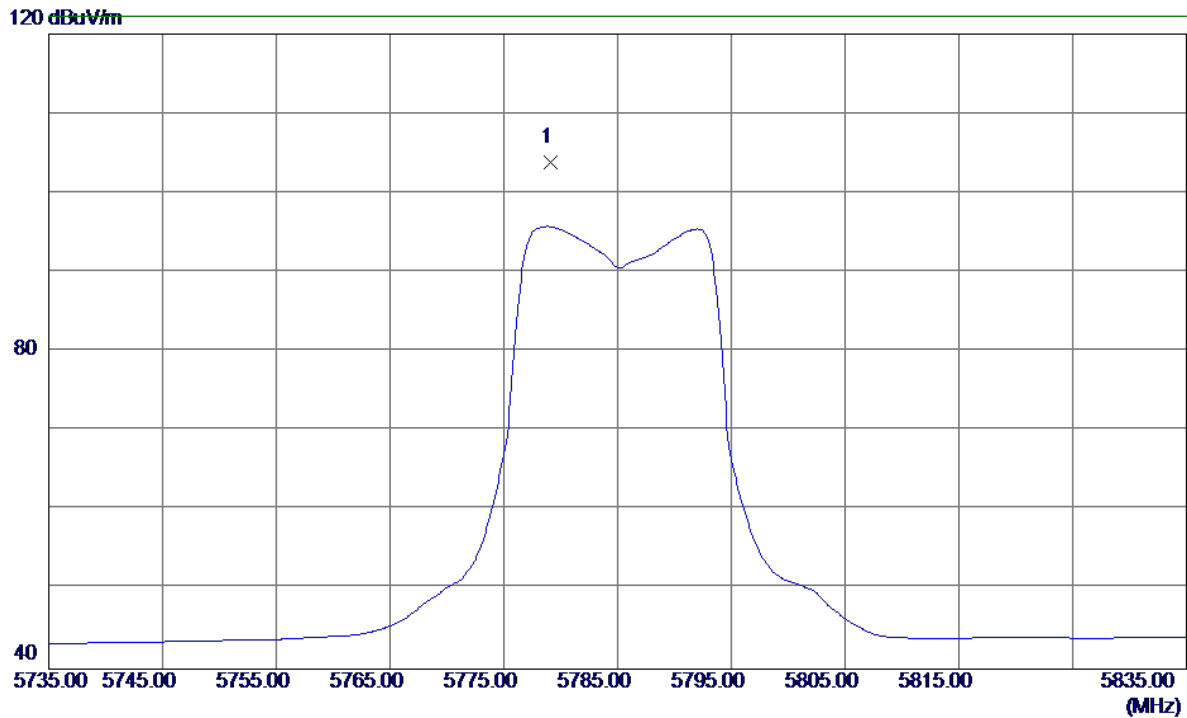
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7660.0200	26.42	10.84	37.26	54.00	-16.74	AVG	
2	7660.0500	34.46	10.84	45.30	74.00	-28.70	Peak	

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

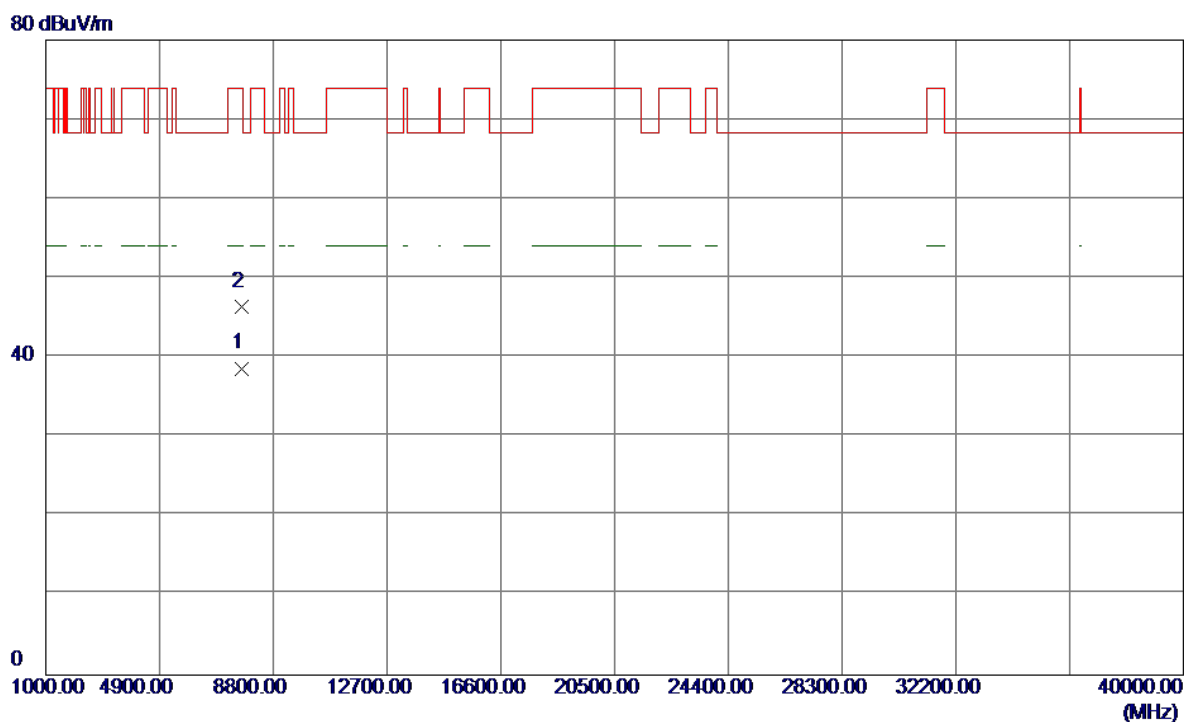
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5779.1000	61.90	41.90	103.80	122.20	-18.40	Peak	

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

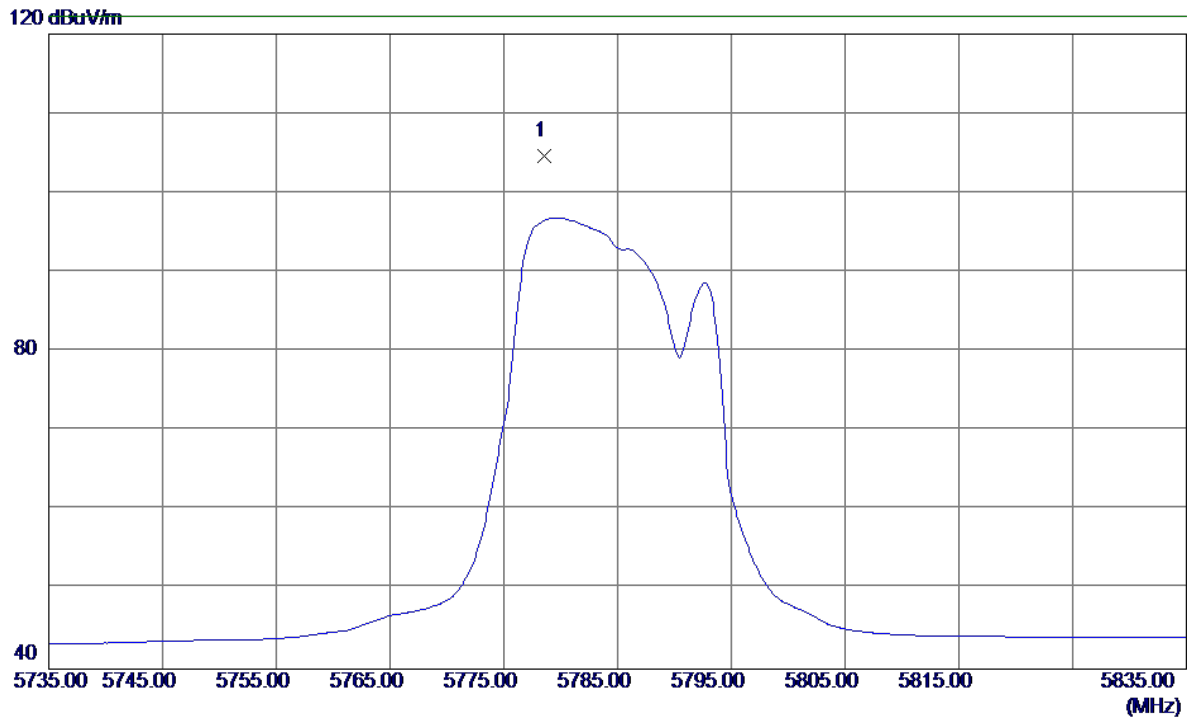
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2750	27.80	10.84	38.64	54.00	-15.36	AVG	
2	7713.2100	35.63	10.84	46.47	74.00	-27.53	Peak	

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

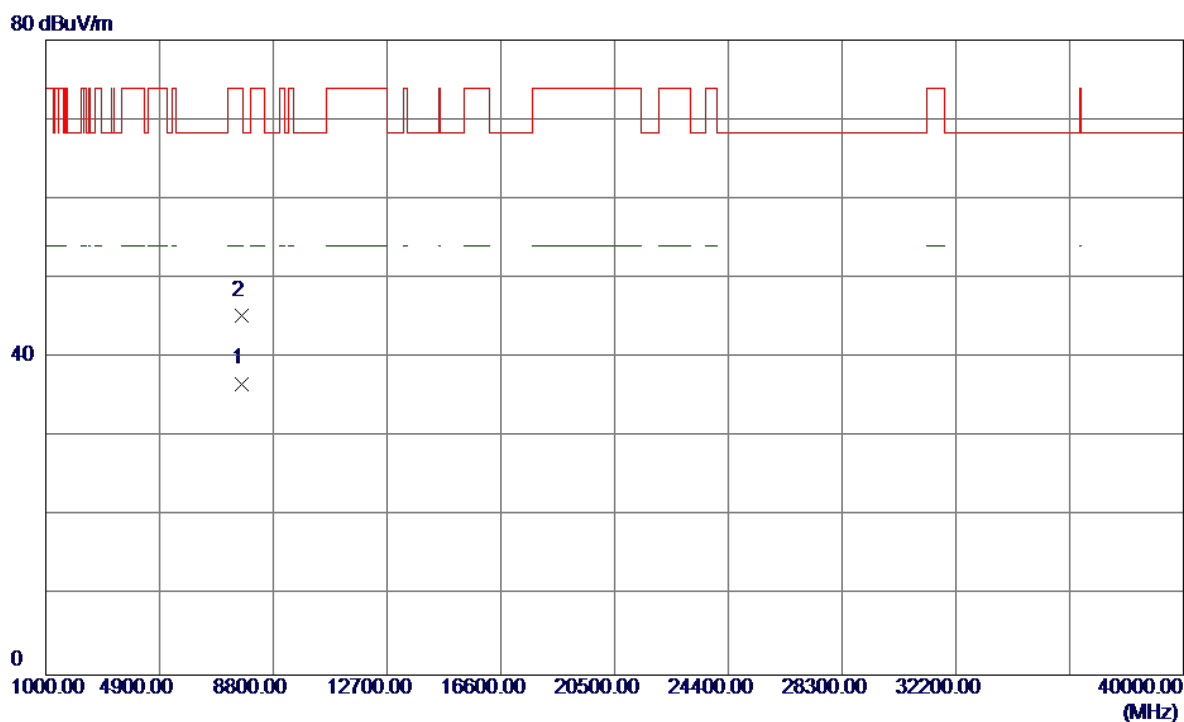
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5778.6000	62.81	41.90	104.71	122.20	-17.49	Peak	

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

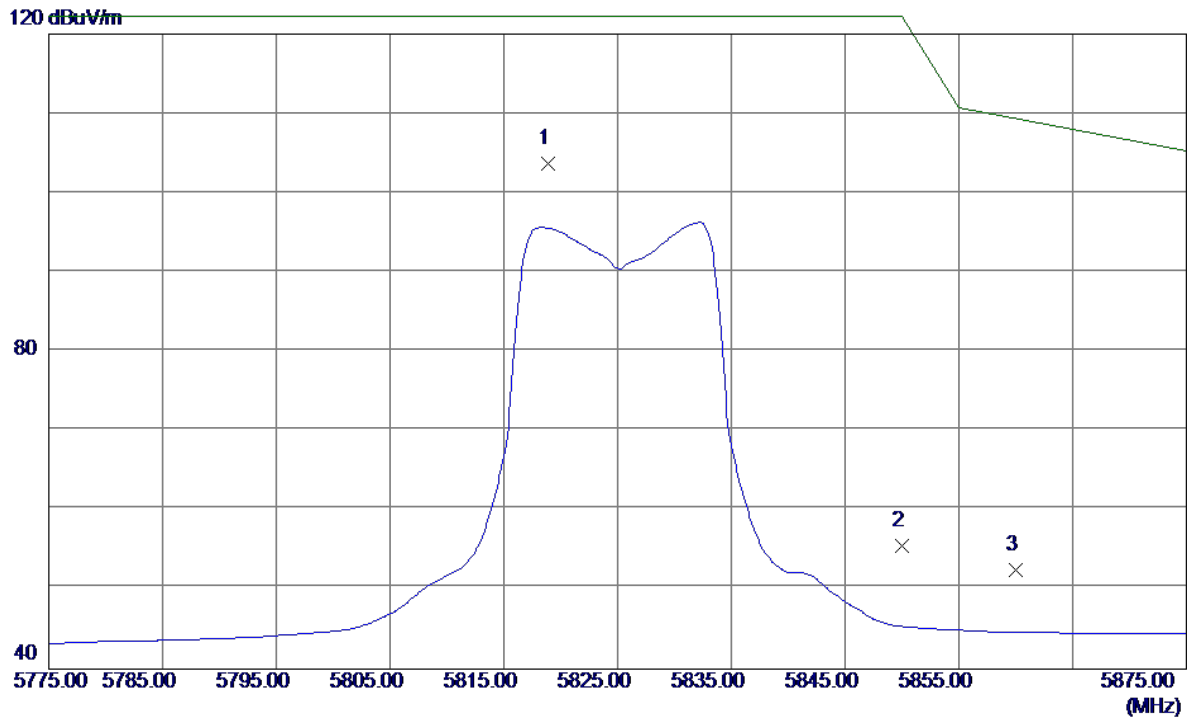
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2000	25.88	10.84	36.72	54.00	-17.28	AVG	
2	7713.2500	34.50	10.84	45.34	74.00	-28.66	Peak	

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

Vertical

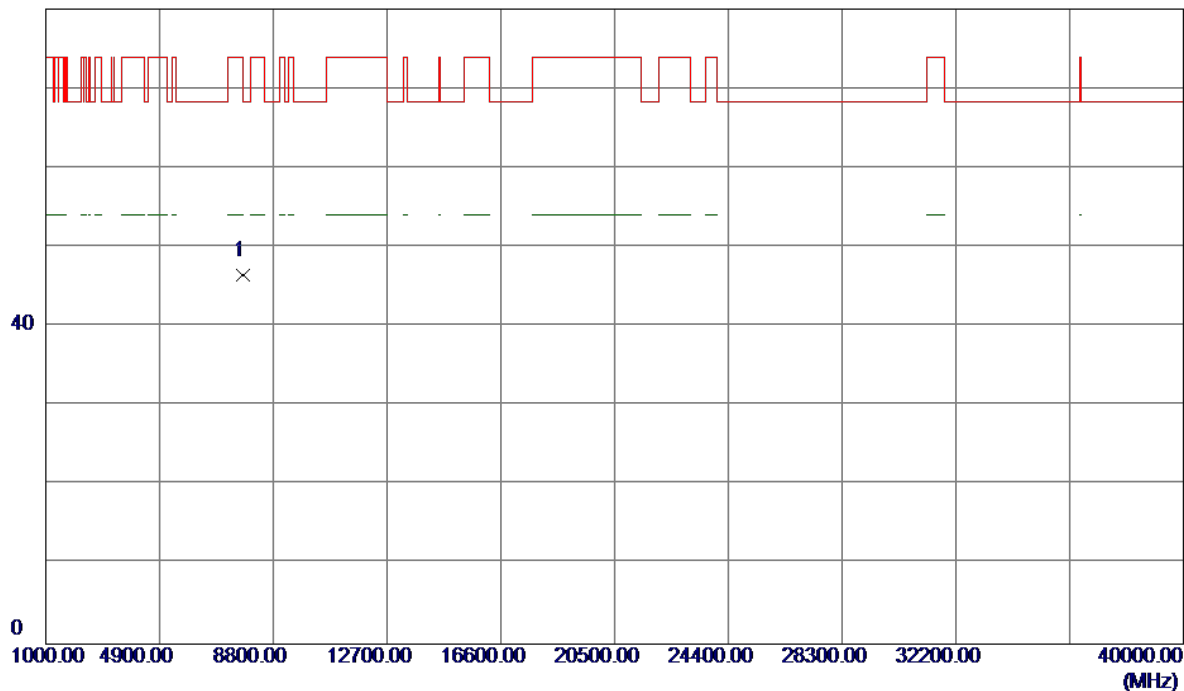


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5818.9000	61.64	42.04	103.68	122.20	-18.52	Peak	
2	5850.0000	13.30	42.16	55.46	122.20	-66.74	Peak	
3	5860.0000	10.23	42.19	52.42	109.40	-56.98	Peak	

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

Vertical

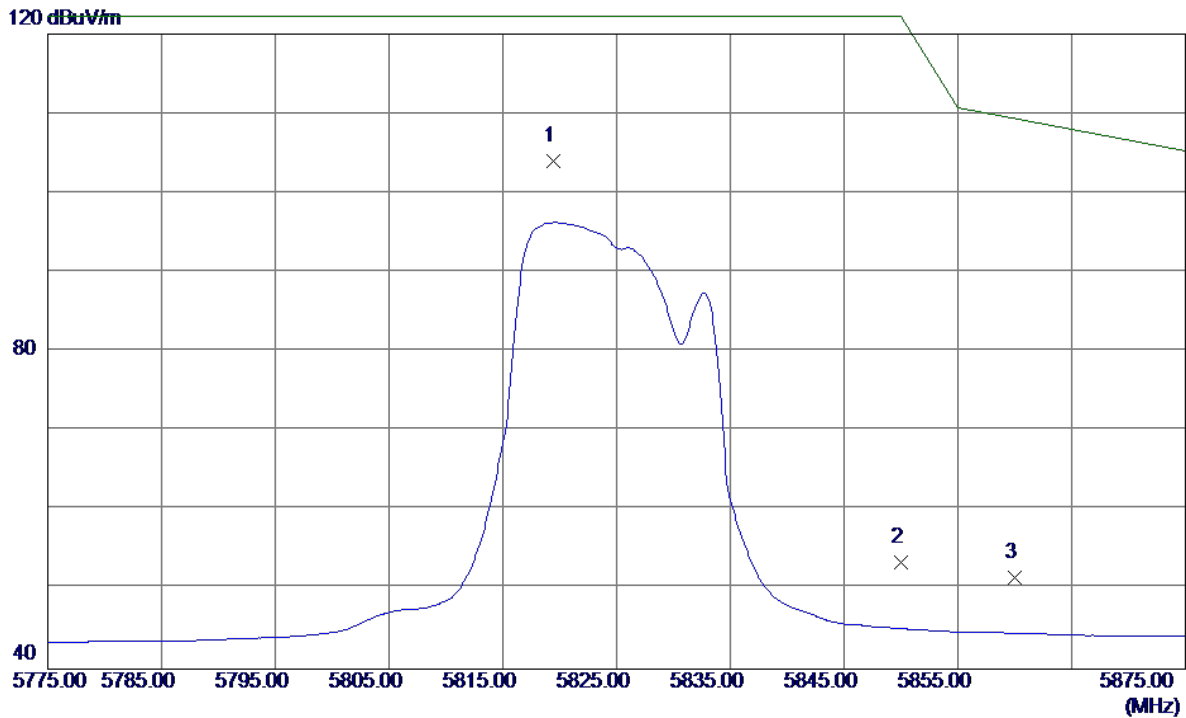
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7766.7700	35.65	10.83	46.48	68.30	-21.82	Peak	

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

Horizontal

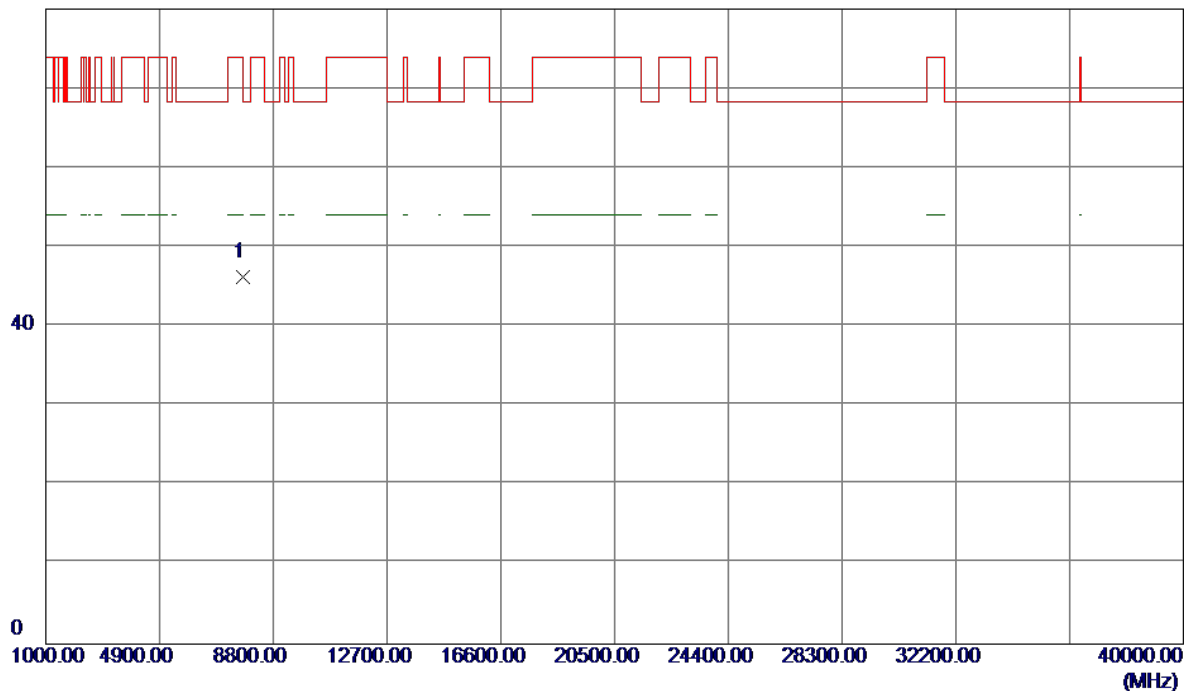


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5819.4000	61.92	42.05	103.97	122.20	-18.23	Peak	
2	5850.0000	11.26	42.16	53.42	122.20	-68.78	Peak	
3	5860.0000	9.36	42.19	51.55	109.40	-57.85	Peak	

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

Horizontal

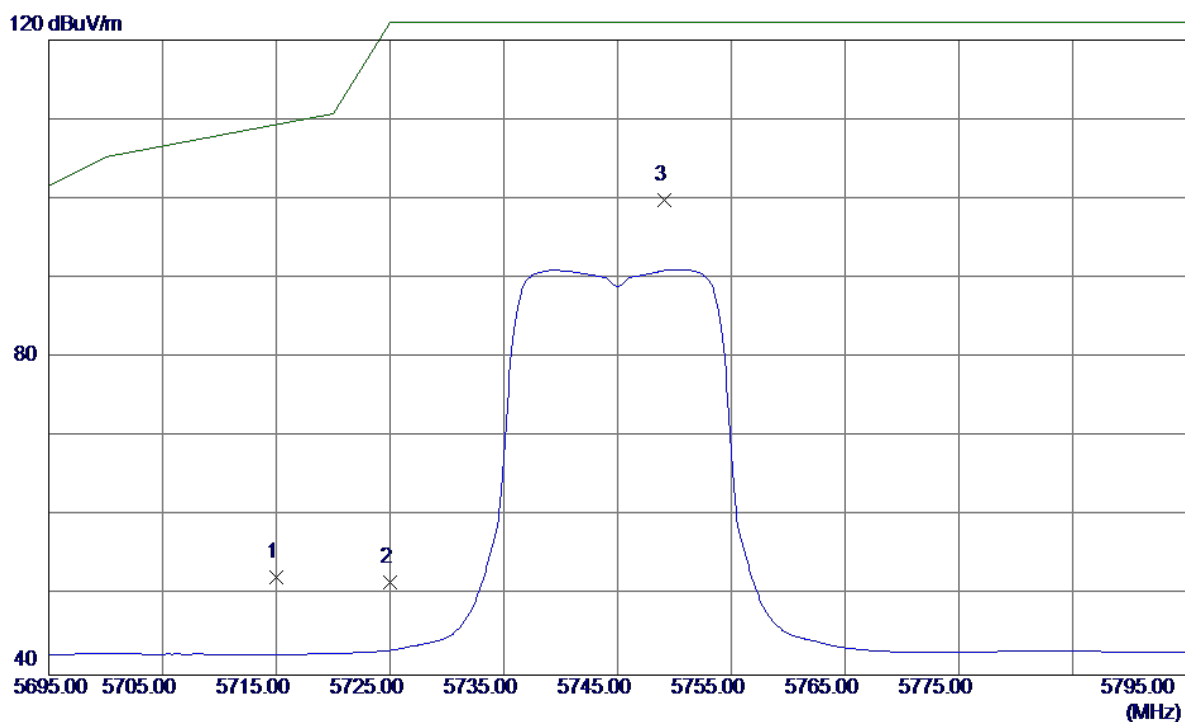
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7766.6050	35.47	10.83	46.30	68.30	-22.00	Peak	

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

Vertical

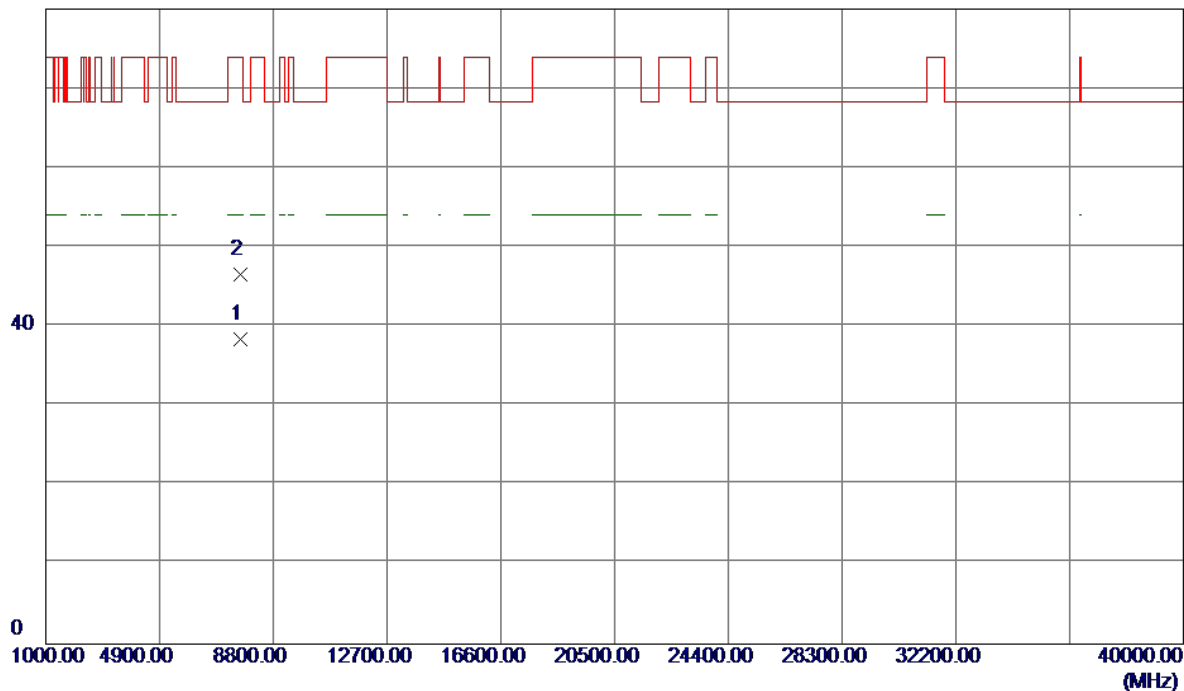


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	10.68	41.66	52.34	109.40	-57.06	Peak	
2	5725.0000	9.99	41.70	51.69	122.20	-70.51	Peak	
3 *	5749.1000	58.10	41.79	99.89	122.20	-22.31	Peak	

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

Vertical

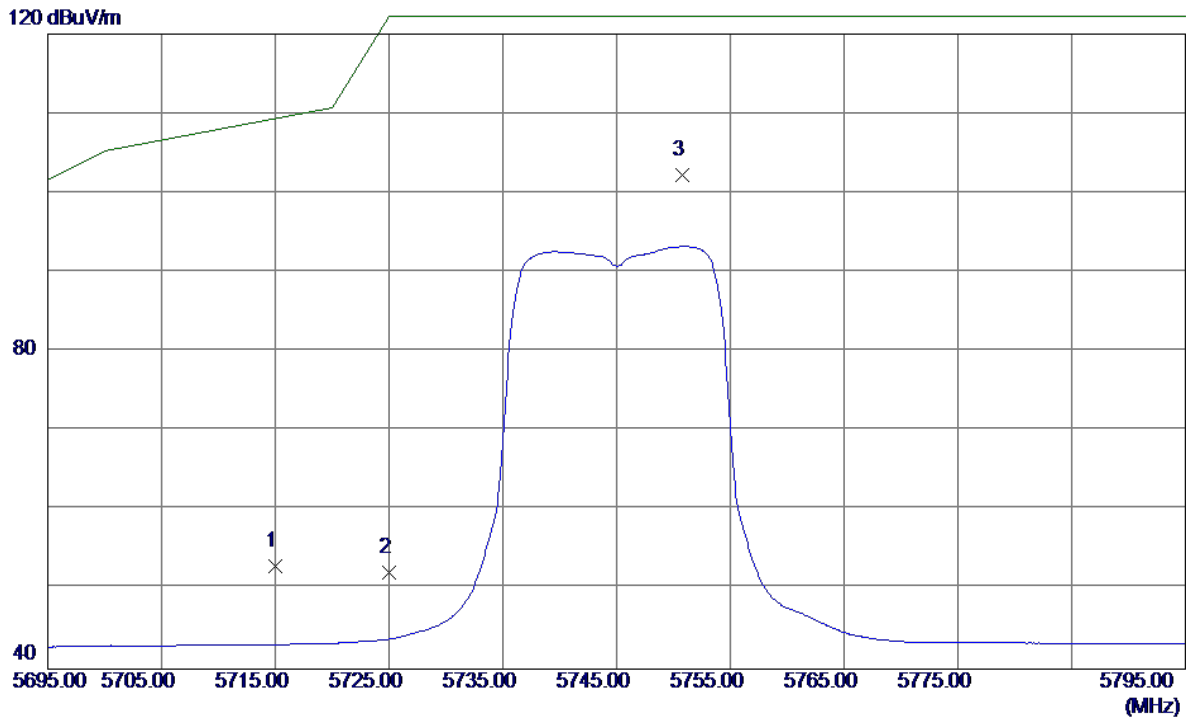
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7659.9550	27.63	10.84	38.47	54.00	-15.53	AVG	
2	7660.2300	35.77	10.84	46.61	74.00	-27.39	Peak	

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

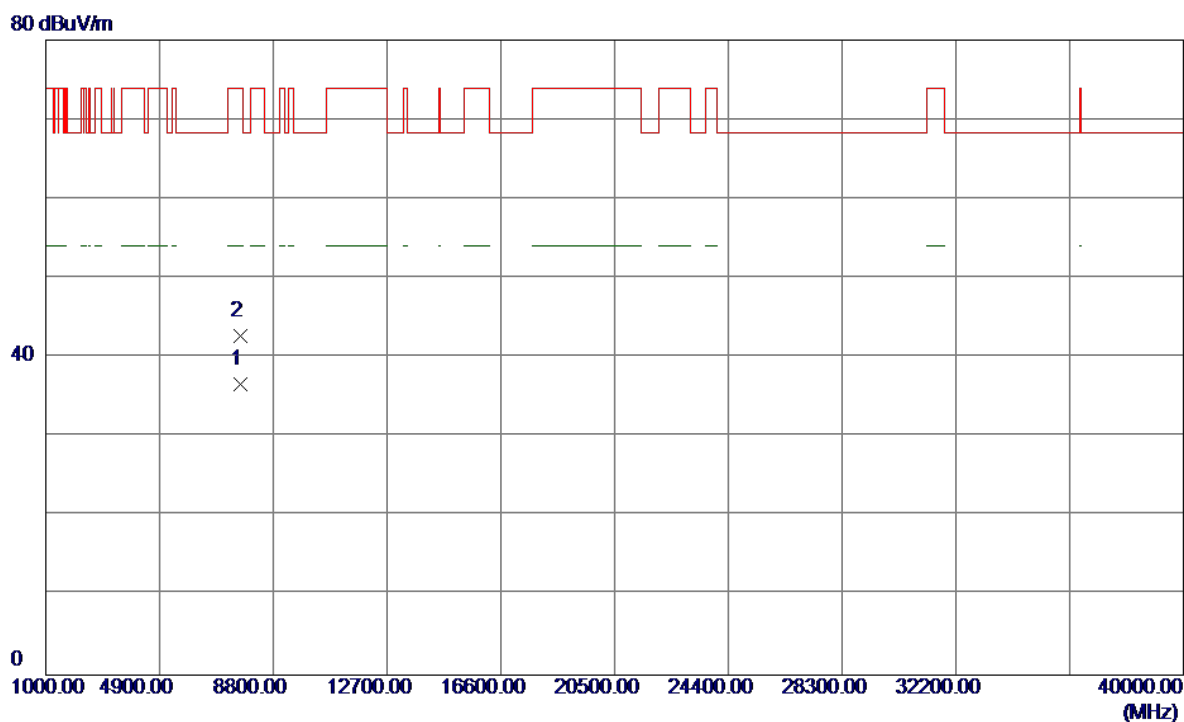
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	11.33	41.66	52.99	109.40	-56.41	Peak	
2	5725.0000	10.44	41.70	52.14	122.20	-70.06	Peak	
3 *	5750.8000	60.41	41.79	102.20	122.20	-20.00	Peak	

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

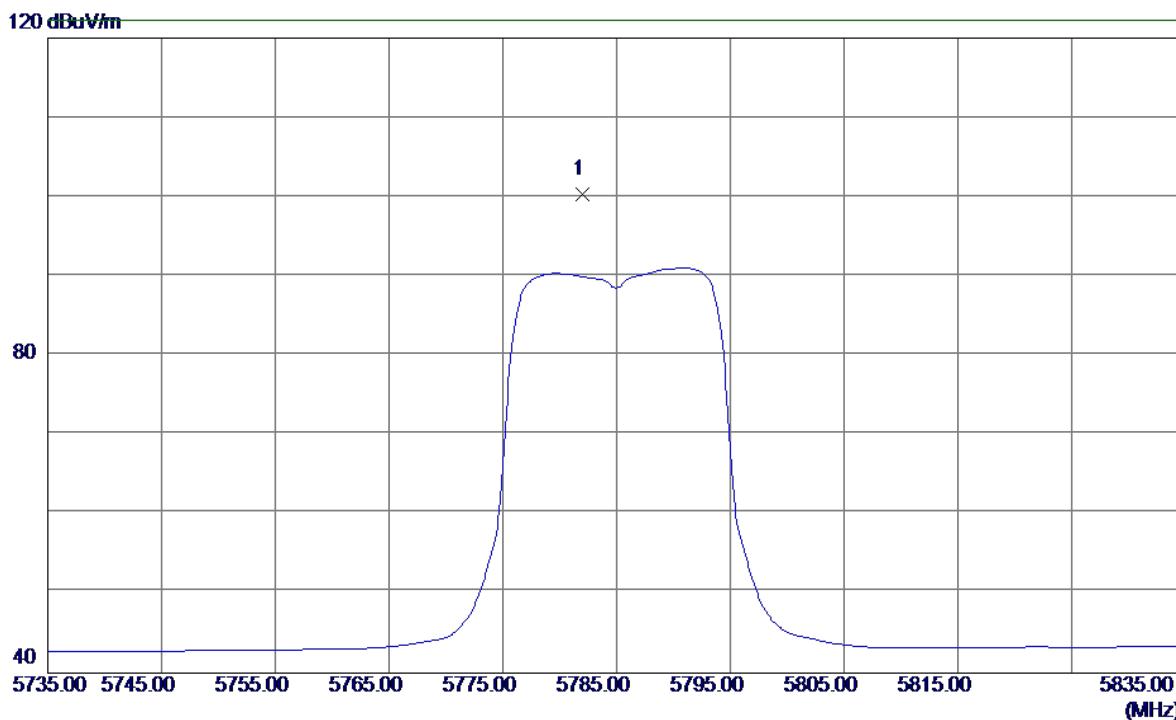
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7659.9750	25.79	10.84	36.63	54.00	-17.37	AVG	
2	7660.1350	31.83	10.84	42.67	74.00	-31.33	Peak	

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

Vertical

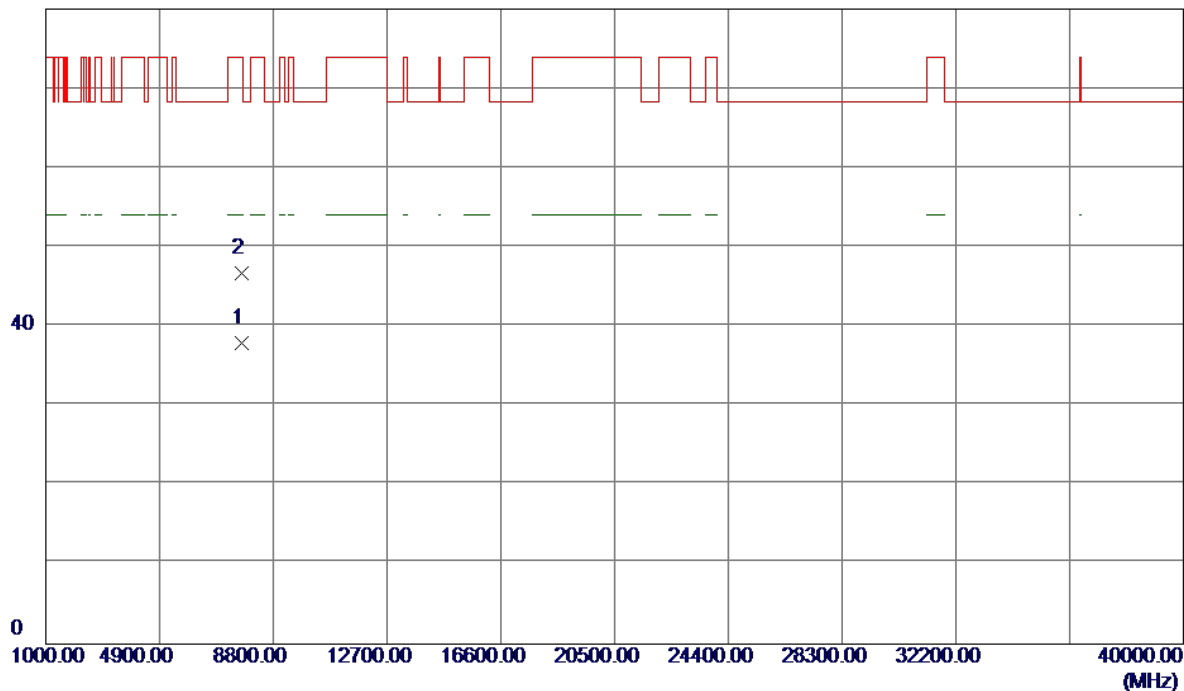


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5782.0000	58.39	41.91	100.30	122.20	-21.90	Peak	

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

Vertical

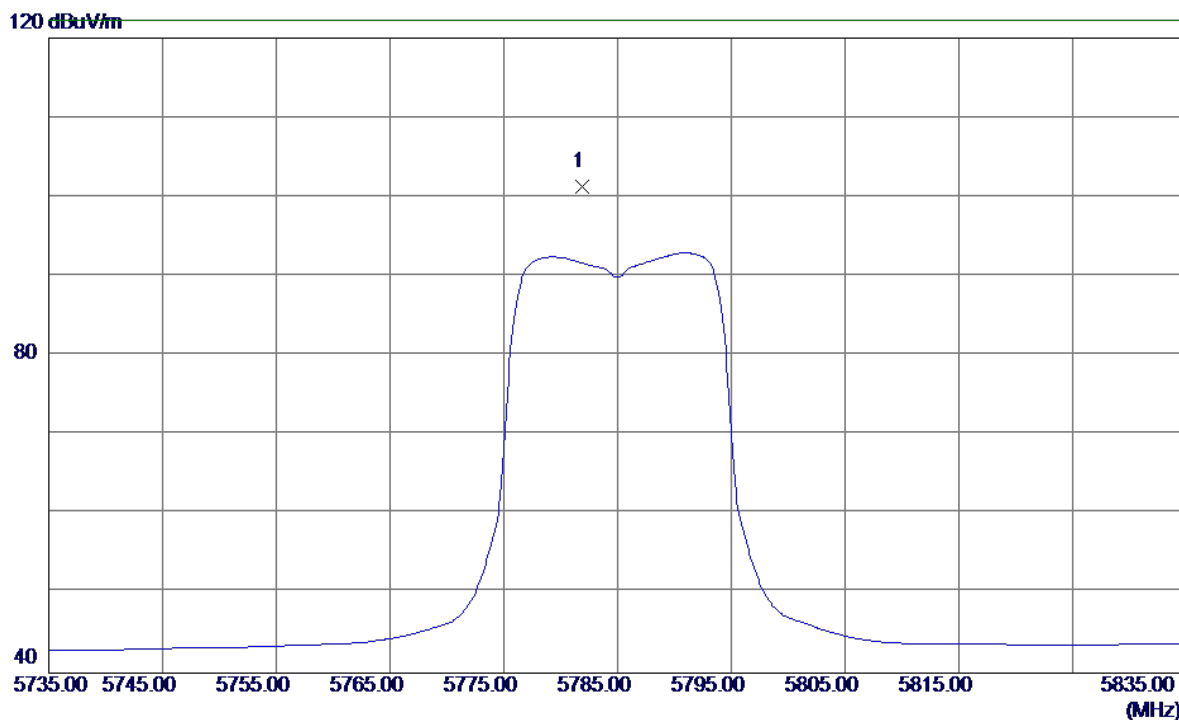
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2800	27.08	10.84	37.92	54.00	-16.08	AVG	
2	7713.1950	35.92	10.84	46.76	74.00	-27.24	Peak	

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

Horizontal

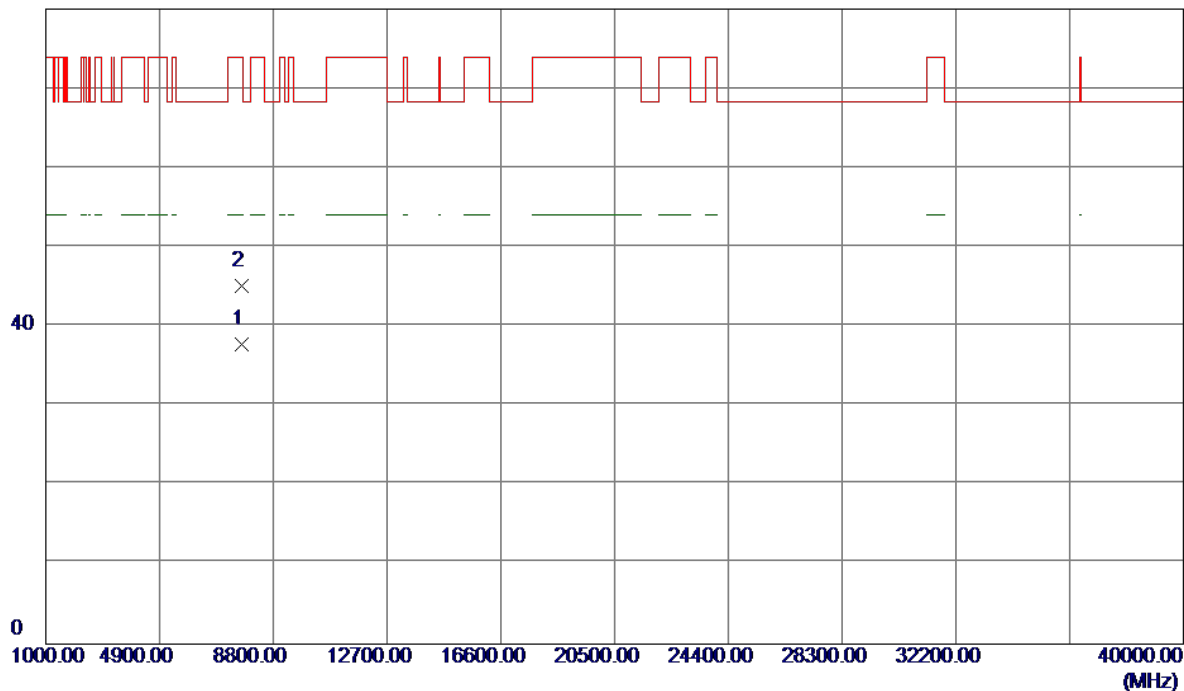


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5781.9000	59.43	41.91	101.34	122.20	-20.86	Peak	

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

Horizontal

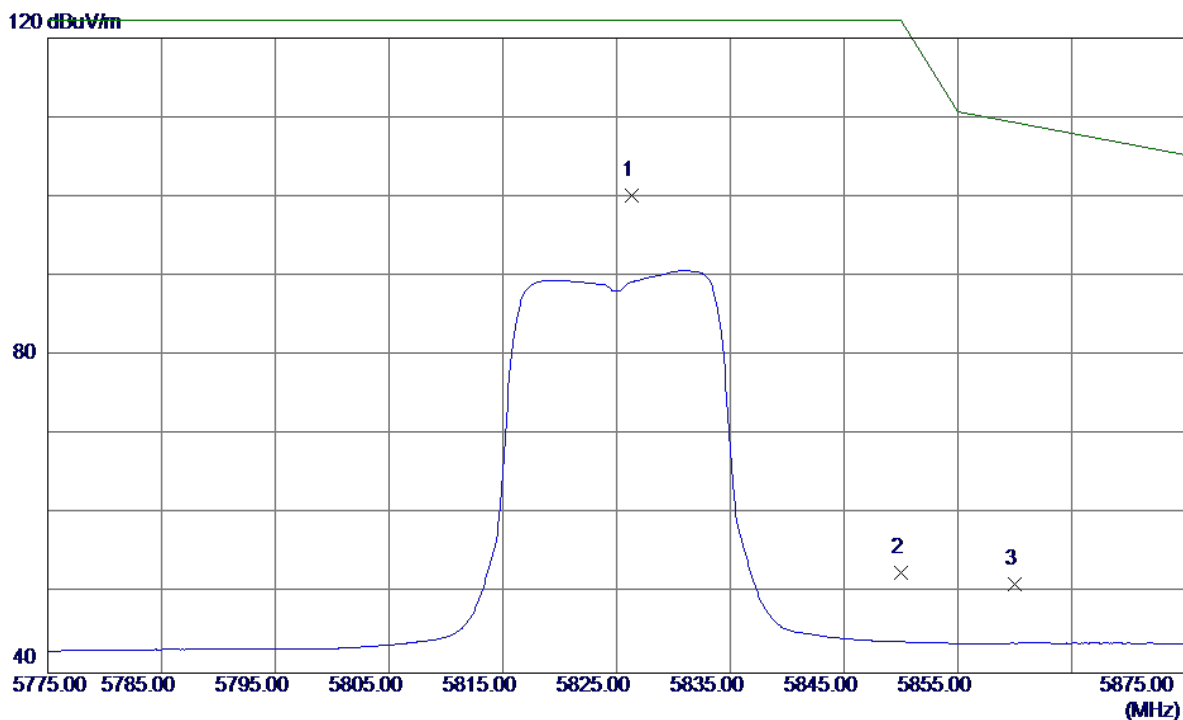
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.3300	26.86	10.84	37.70	54.00	-16.30	AVG	
2	7713.3000	34.27	10.84	45.11	74.00	-28.89	Peak	

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

Vertical

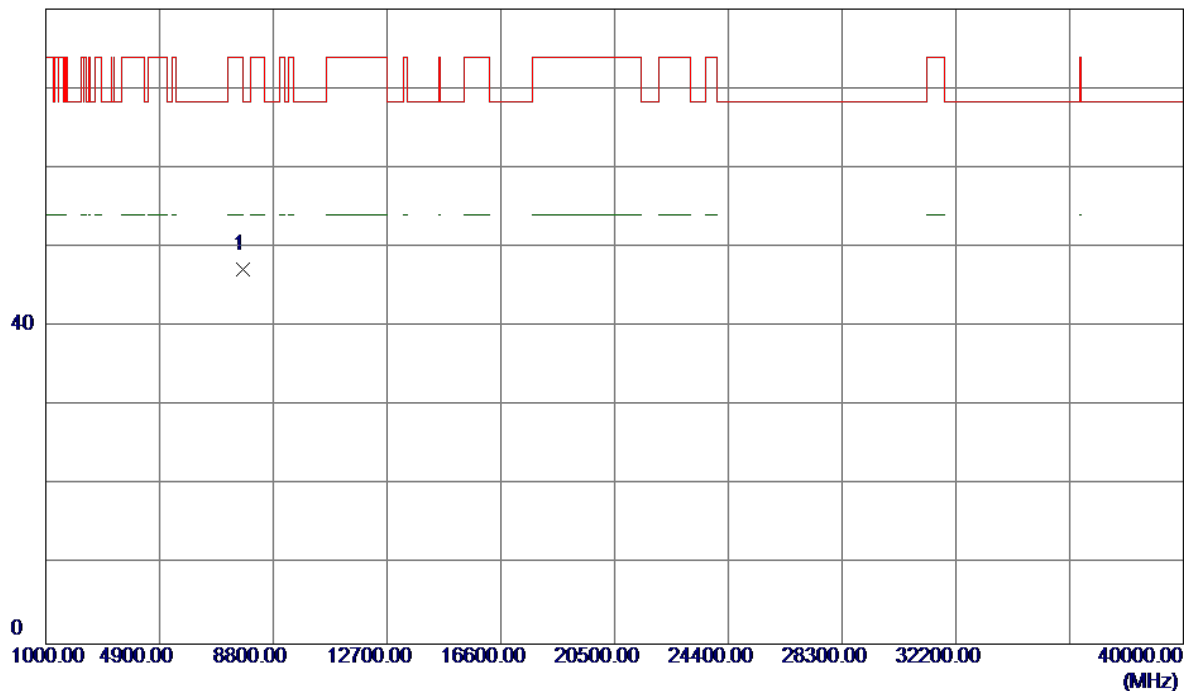


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5826.3000	58.16	42.07	100.23	122.20	-21.97	Peak	
2	5850.0000	10.41	42.16	52.57	122.20	-69.63	Peak	
3	5860.0000	9.03	42.19	51.22	109.40	-58.18	Peak	

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

Vertical

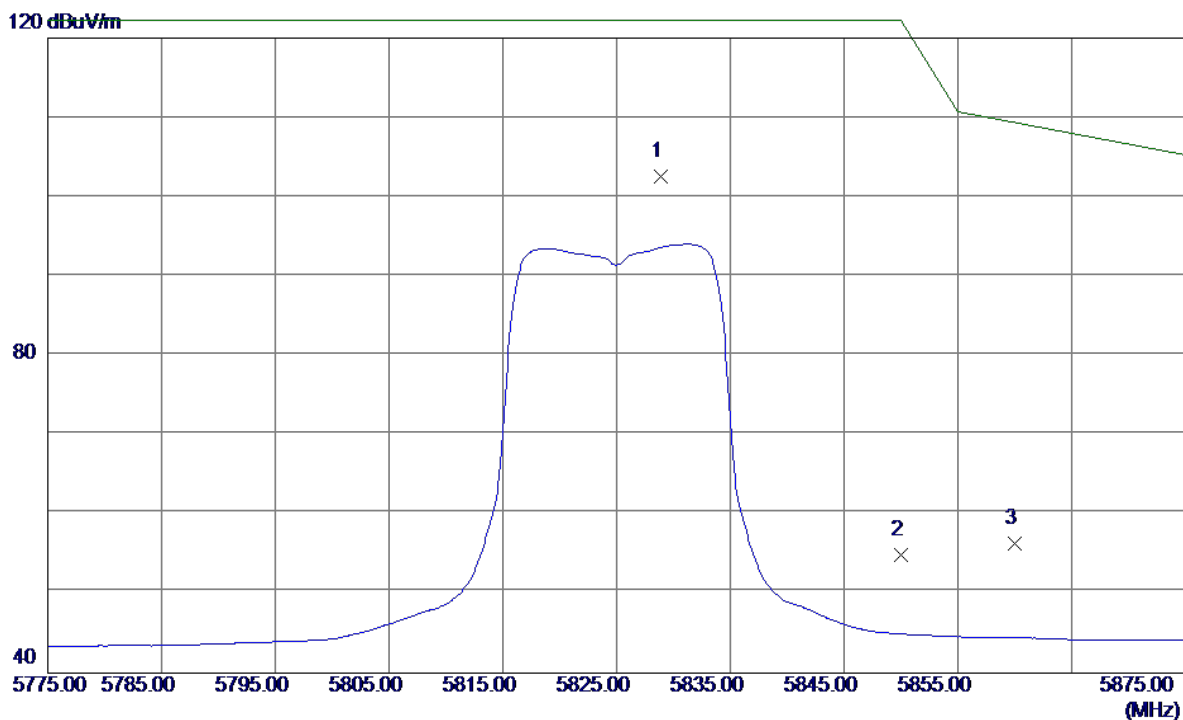
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7766.8650	36.39	10.83	47.22	68.30	-21.08	Peak	

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

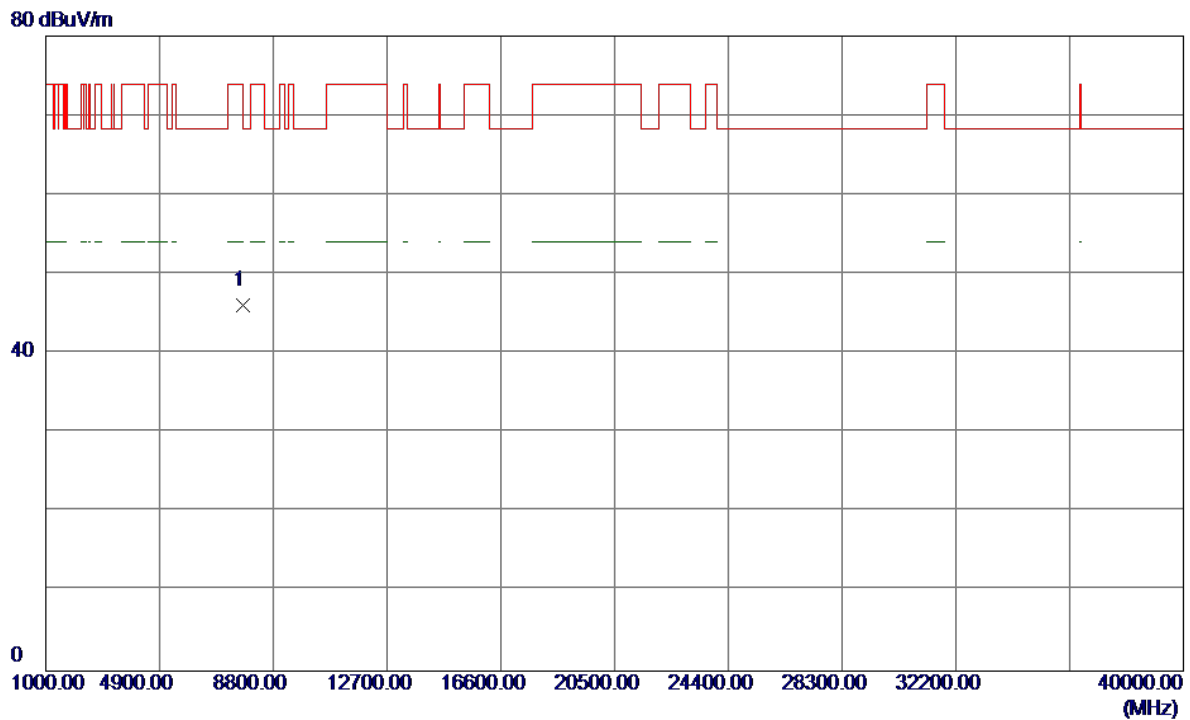
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5828.9000	60.49	42.08	102.57	122.20	-19.63	Peak	
2	5850.0000	12.79	42.16	54.95	122.20	-67.25	Peak	
3	5860.0000	14.19	42.19	56.38	109.40	-53.02	Peak	

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

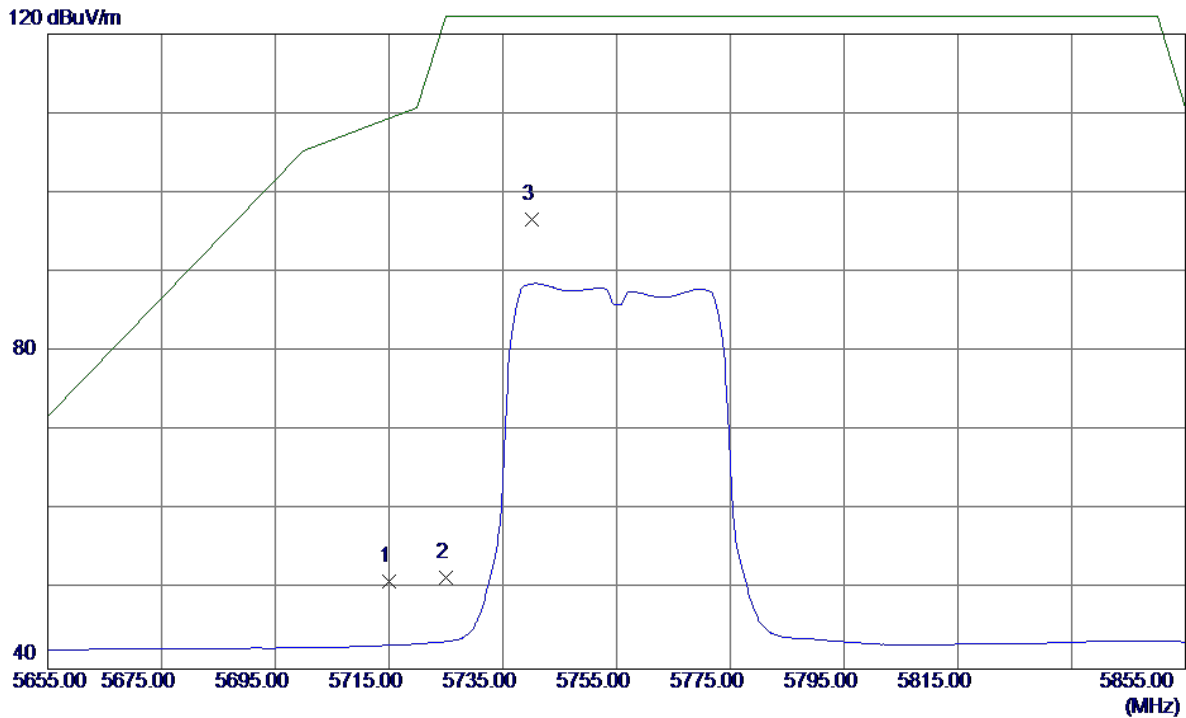
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7766.5550	35.19	10.83	46.02	68.30	-22.28	Peak	

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

Vertical

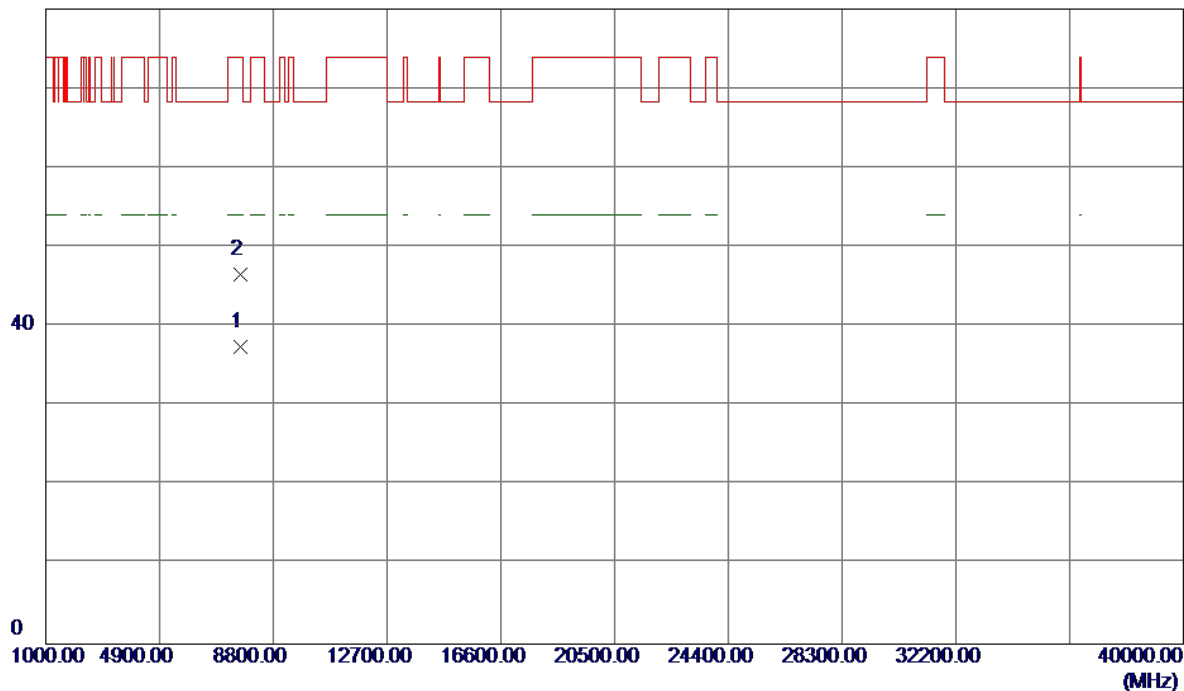


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	9.36	41.66	51.02	109.40	-58.38	Peak	
2	5725.0000	9.83	41.70	51.53	122.20	-70.67	Peak	
3 *	5740.2000	54.87	41.75	96.62	122.20	-25.58	Peak	

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

Vertical

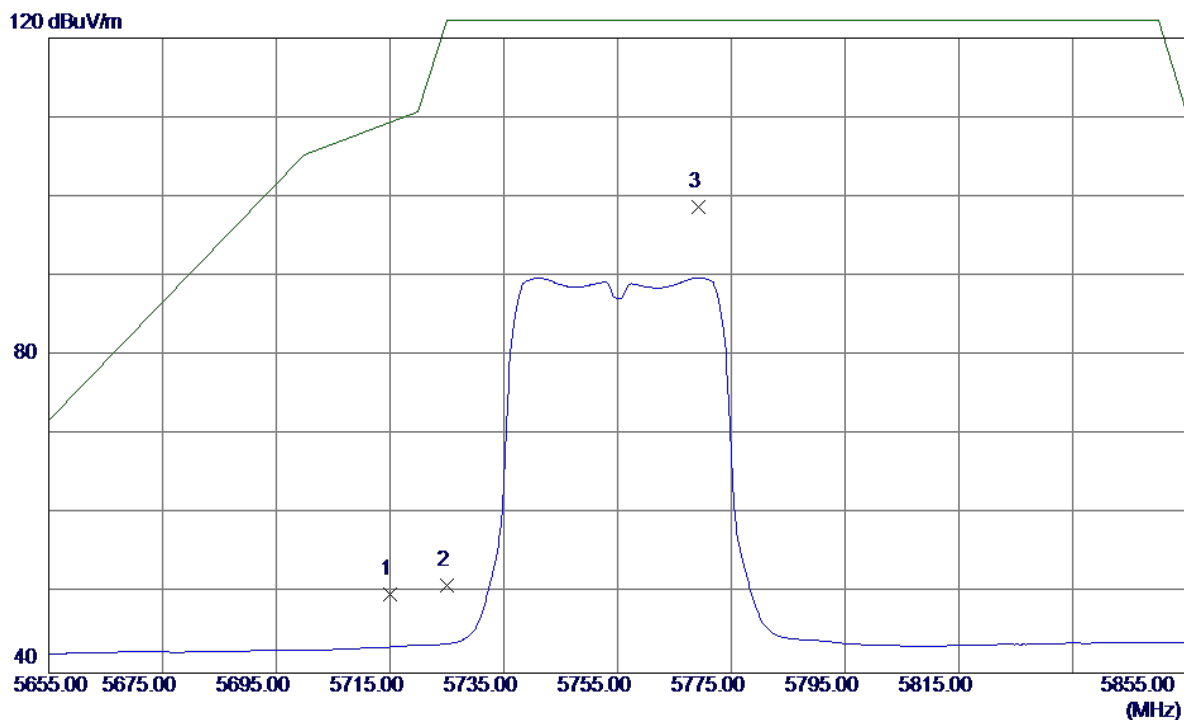
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7673.2950	26.63	10.84	37.47	54.00	-16.53	AVG	
2	7673.1500	35.65	10.84	46.49	74.00	-27.51	Peak	

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

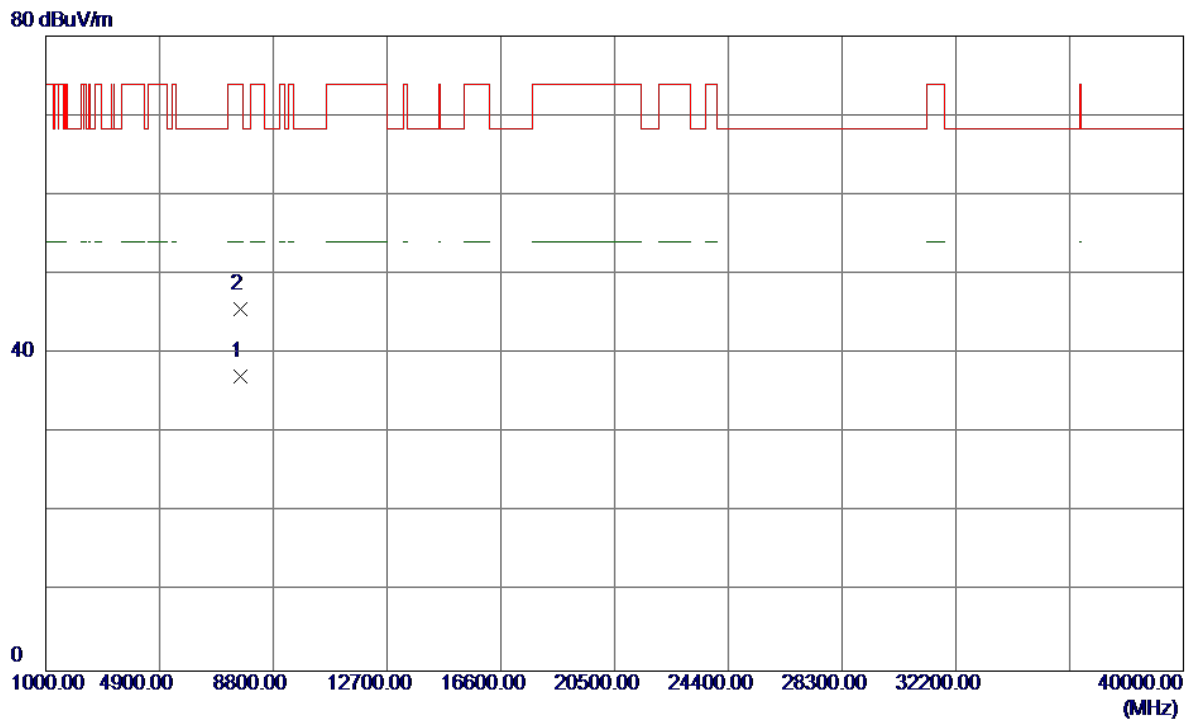
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	8.25	41.66	49.91	109.40	-59.49	Peak	
2	5725.0000	9.37	41.70	51.07	122.20	-71.13	Peak	
3 *	5769.2000	56.80	41.86	98.66	122.20	-23.54	Peak	

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

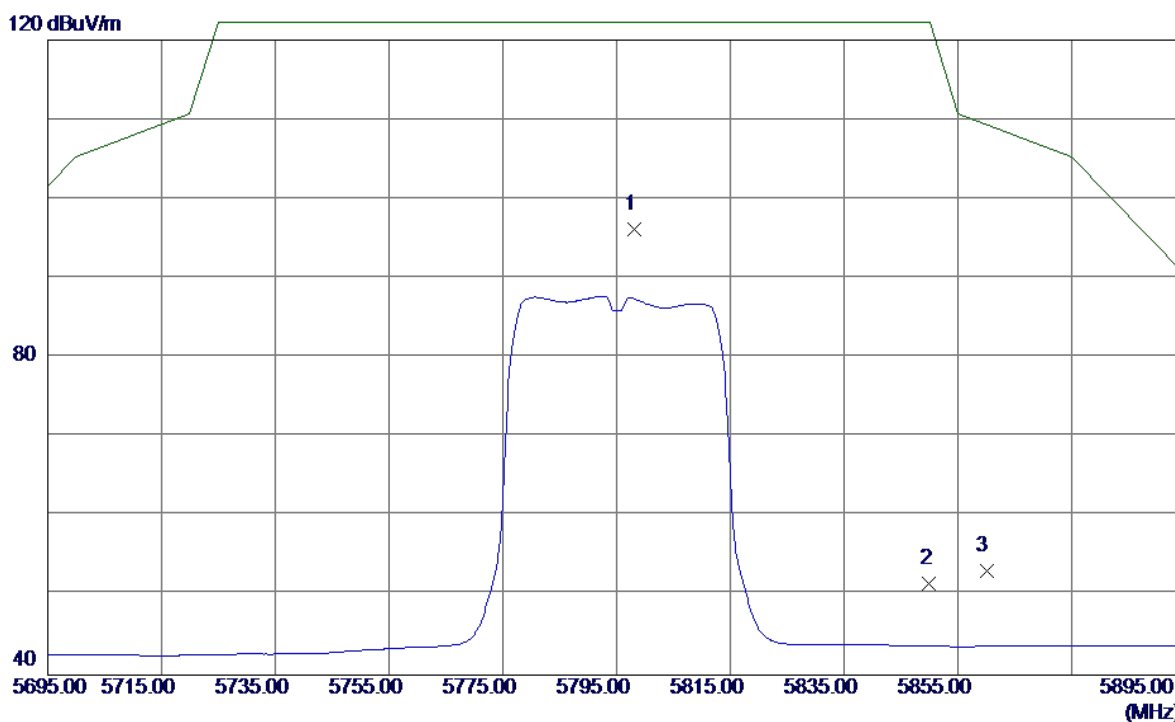
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7673.3000	26.32	10.84	37.16	54.00	-16.84	AVG	
2	7673.4050	34.77	10.84	45.61	74.00	-28.39	Peak	

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

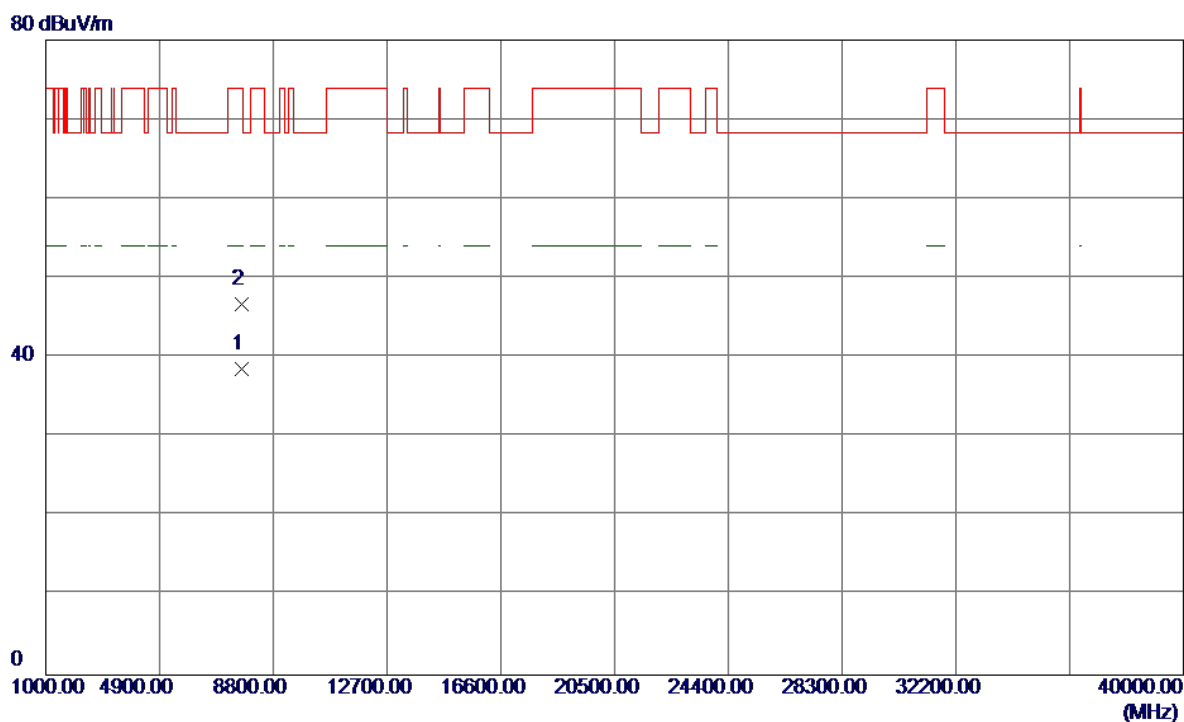
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5798.2000	54.22	41.97	96.19	122.20	-26.01	Peak	
2	5850.0000	9.41	42.16	51.57	122.20	-70.63	Peak	
3	5860.0000	10.95	42.19	53.14	109.40	-56.26	Peak	

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

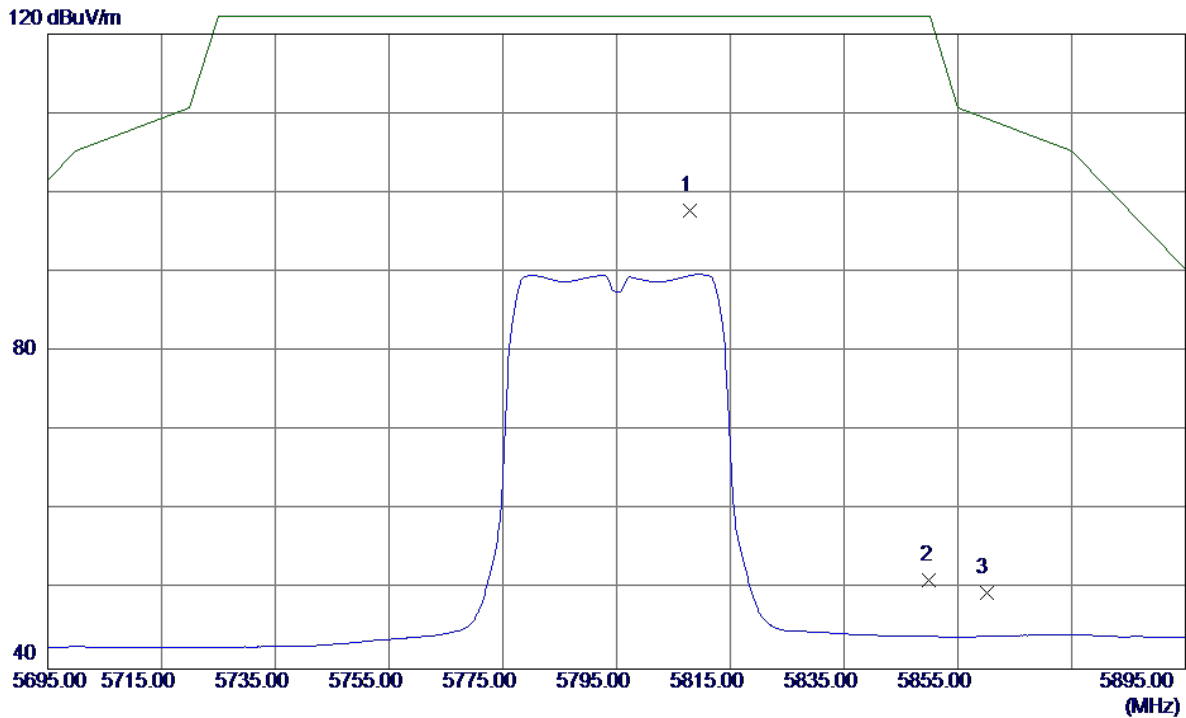
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7726.6300	27.78	10.84	38.62	54.00	-15.38	AVG	
2	7726.6250	35.88	10.84	46.72	74.00	-27.28	Peak	

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

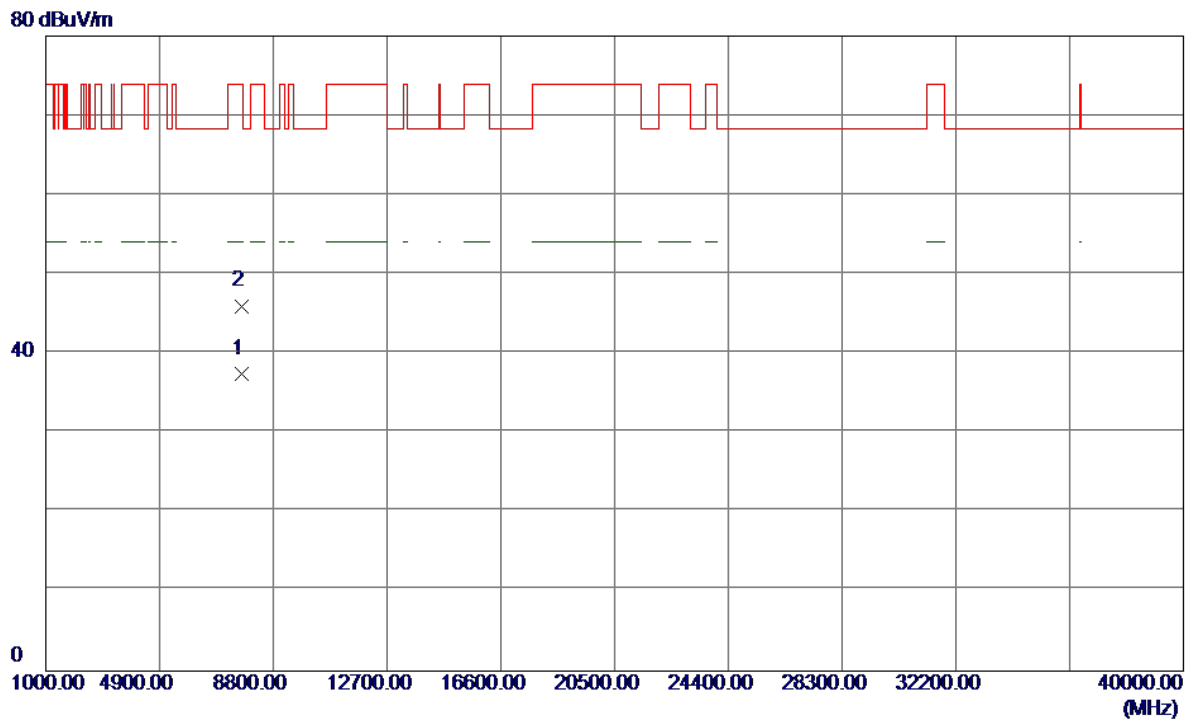
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5807.8000	55.68	42.00	97.68	122.20	-24.52	Peak	
2	5850.0000	9.03	42.16	51.19	122.20	-71.01	Peak	
3	5860.0000	7.38	42.19	49.57	109.40	-59.83	Peak	

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

Horizontal

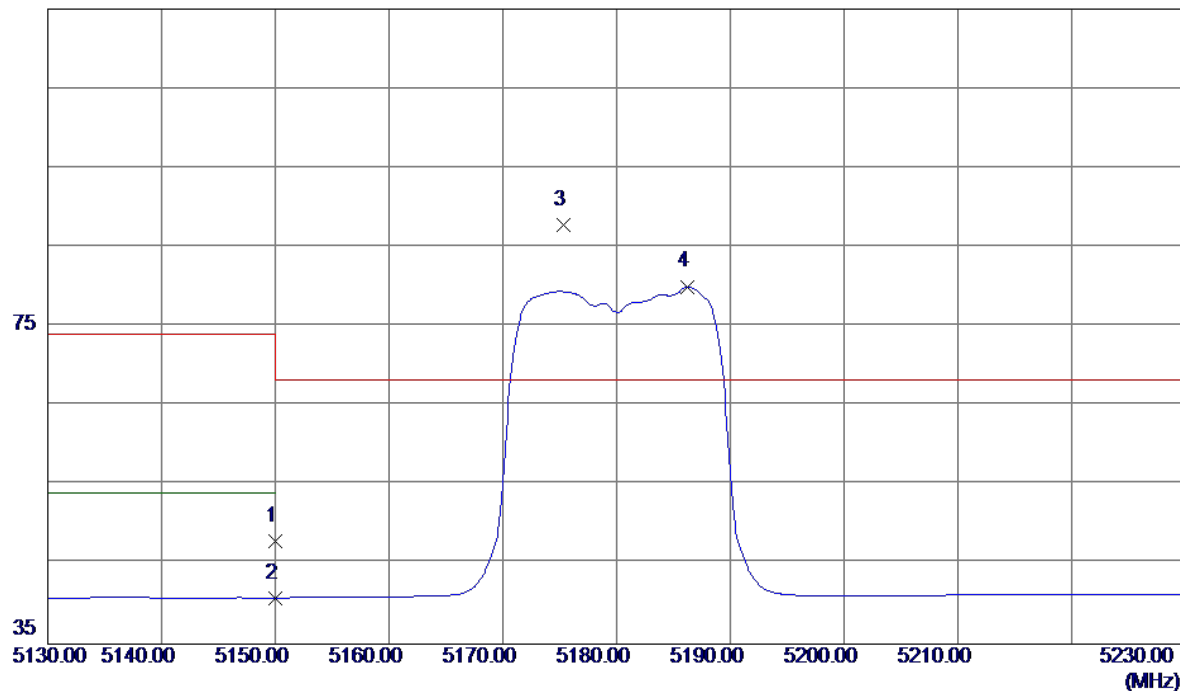


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7726.6250	26.57	10.84	37.41	54.00	-16.59	AVG	
2	7726.7000	35.16	10.84	46.00	74.00	-28.00	Peak	

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

Vertical

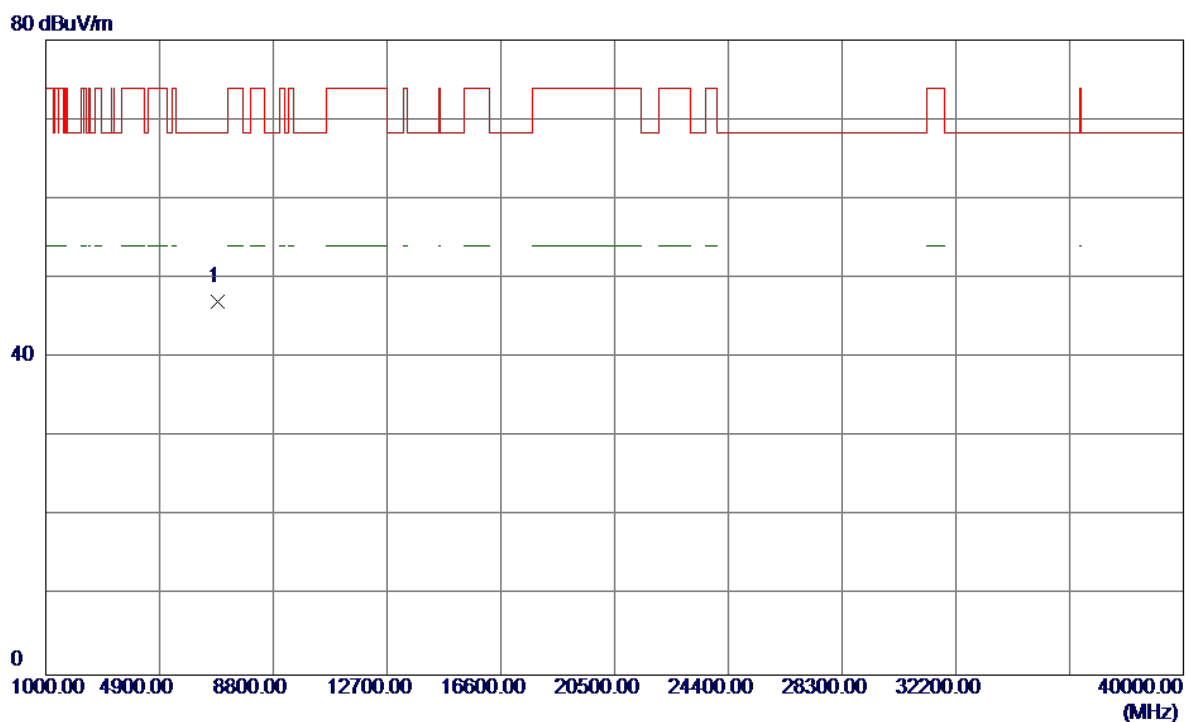
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	8.10	39.90	48.00	74.00	-26.00	Peak	
2	5150.0000	0.90	39.90	40.80	54.00	-13.20	AVG	
3 *	5175.3000	47.86	39.97	87.83	68.30	19.53	Peak	No Limit
4	5186.2000	40.04	40.00	80.04	999.00	-918.96	AVG	No Limit

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

Vertical

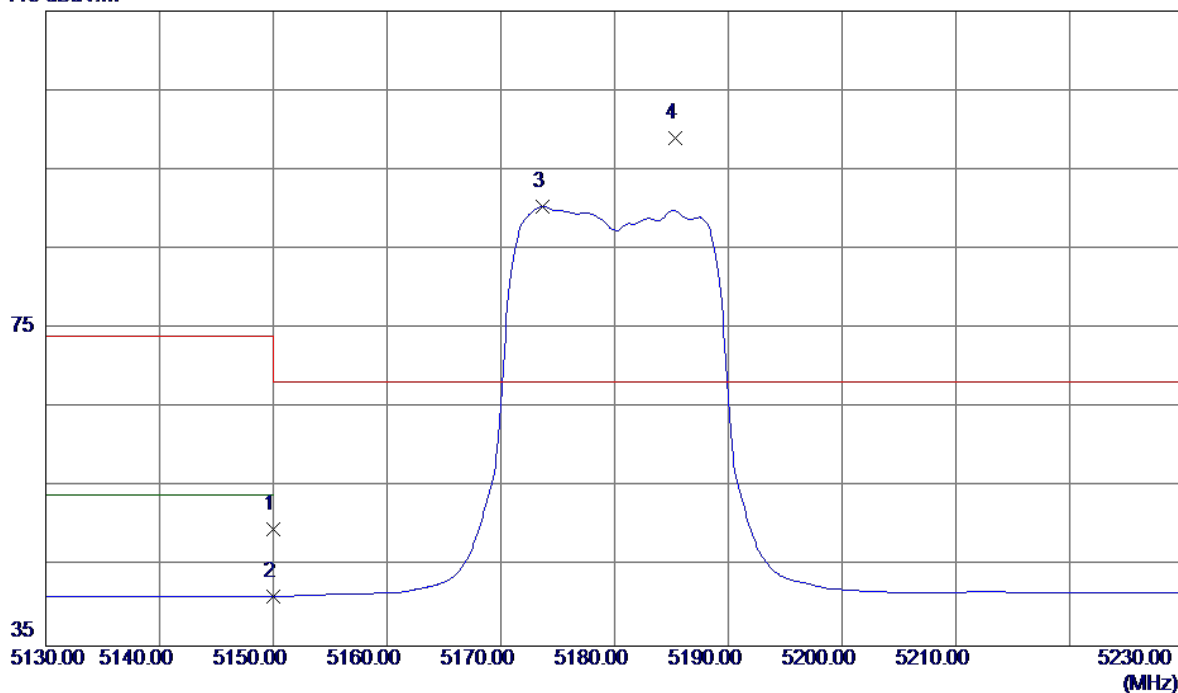


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.6750	37.25	9.84	47.09	68.30	-21.21	Peak	

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

Horizontal

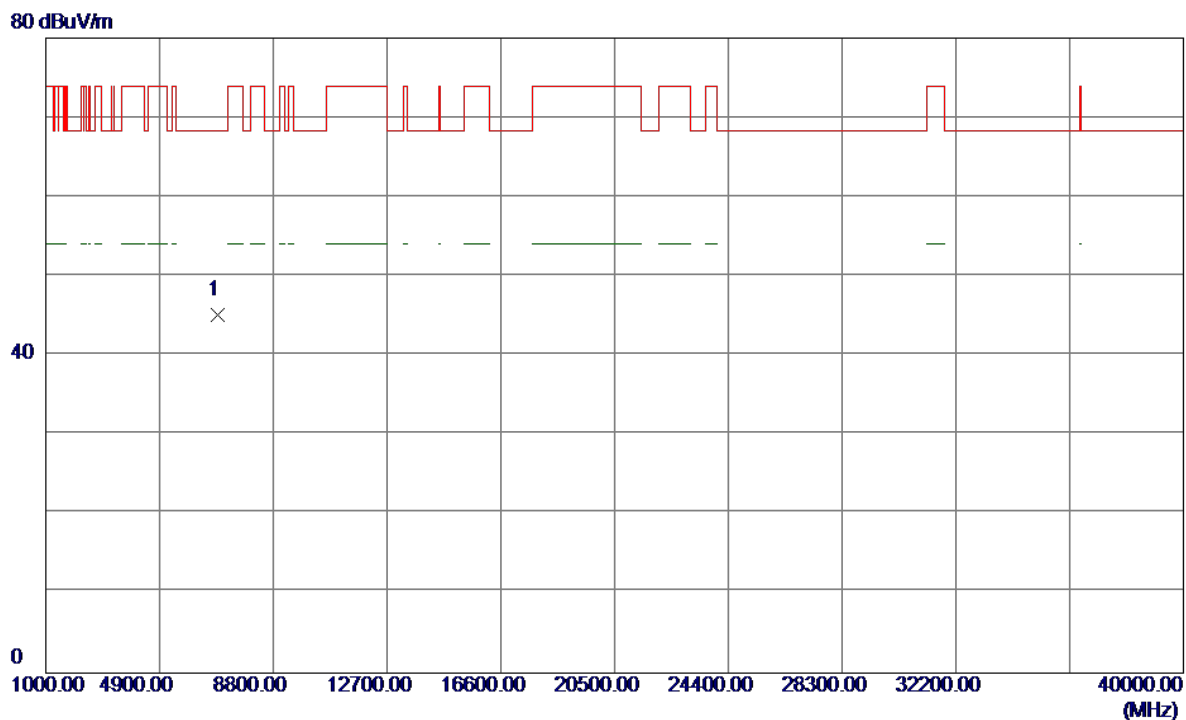
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.77	39.90	49.67	74.00	-24.33	Peak	
2	5150.0000	1.39	39.90	41.29	54.00	-12.71	AVG	
3	5173.7000	50.39	39.96	90.35	999.00	-908.65	AVG	No Limit
4 *	5185.3000	59.05	39.99	99.04	68.30	30.74	Peak	No Limit

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

Horizontal

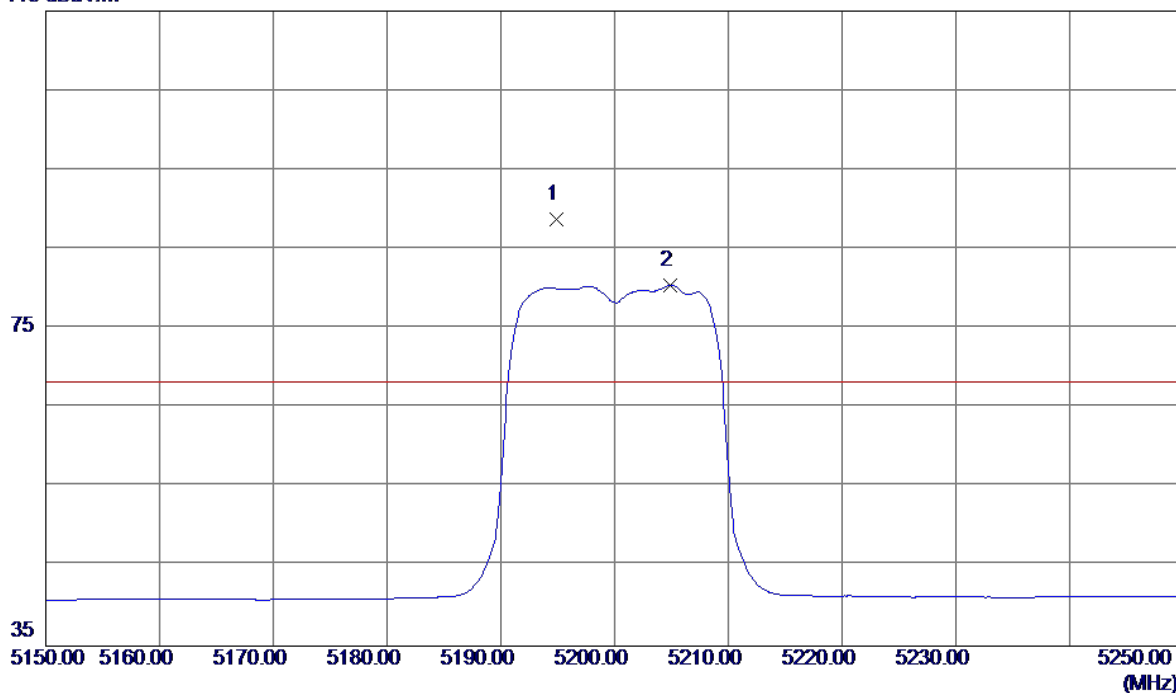


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.5200	35.22	9.84	45.06	68.30	-23.24	Peak	

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

Vertical

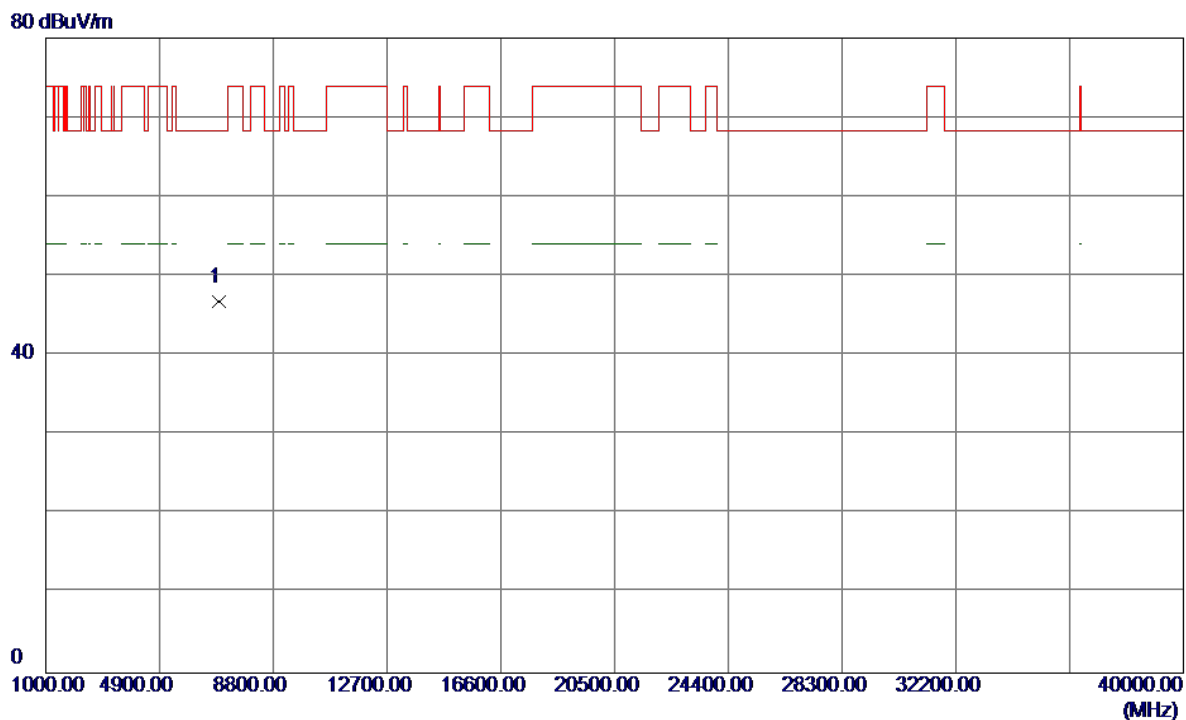
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5194.9000	48.73	40.02	88.75	68.30	20.45	Peak	No Limit
2	5204.9000	40.36	40.05	80.41	999.00	-918.59	AVG	No Limit

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

Vertical

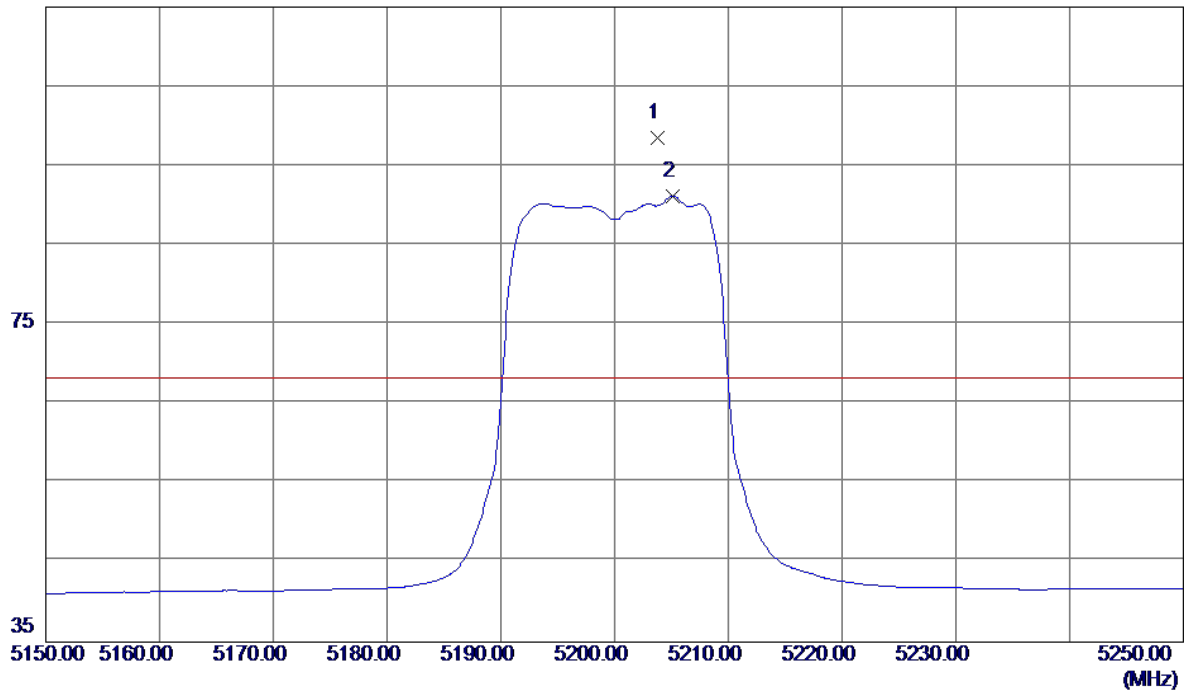


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6933.3900	36.94	9.86	46.80	68.30	-21.50	Peak	

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

Horizontal

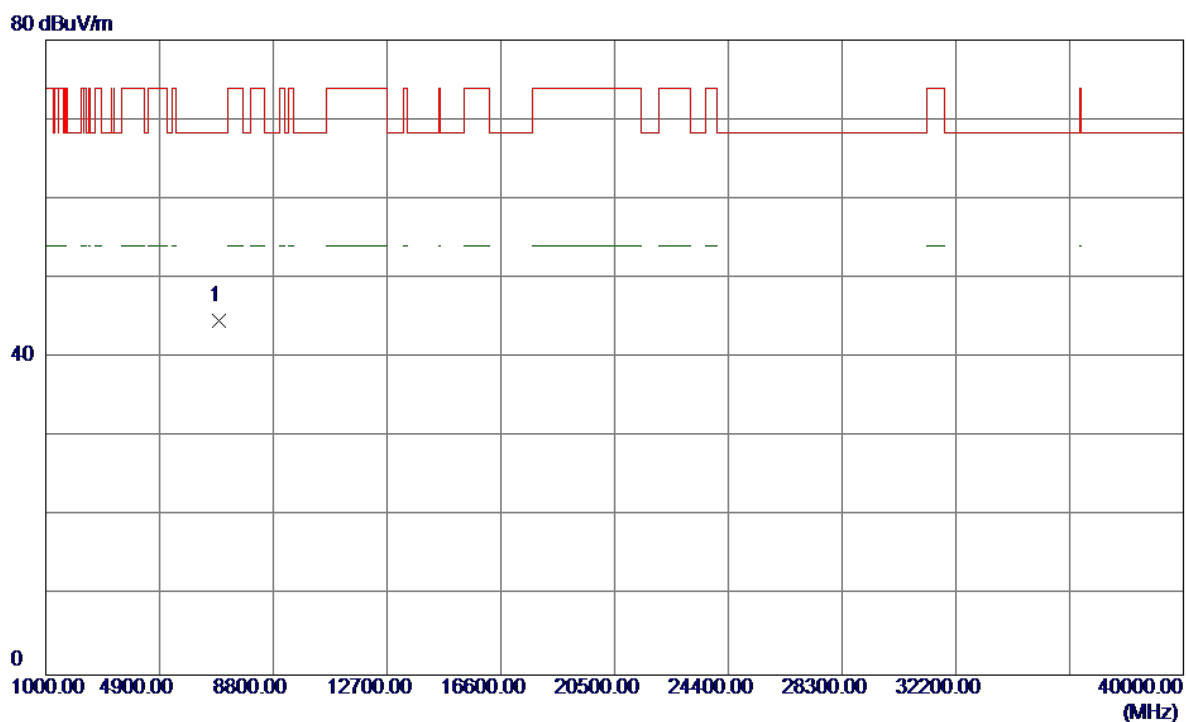
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5203.8000	58.42	40.05	98.47	68.30	30.17	Peak	No Limit
2	5205.1000	51.10	40.05	91.15	999.00	-907.85	AVG	No Limit

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

Horizontal

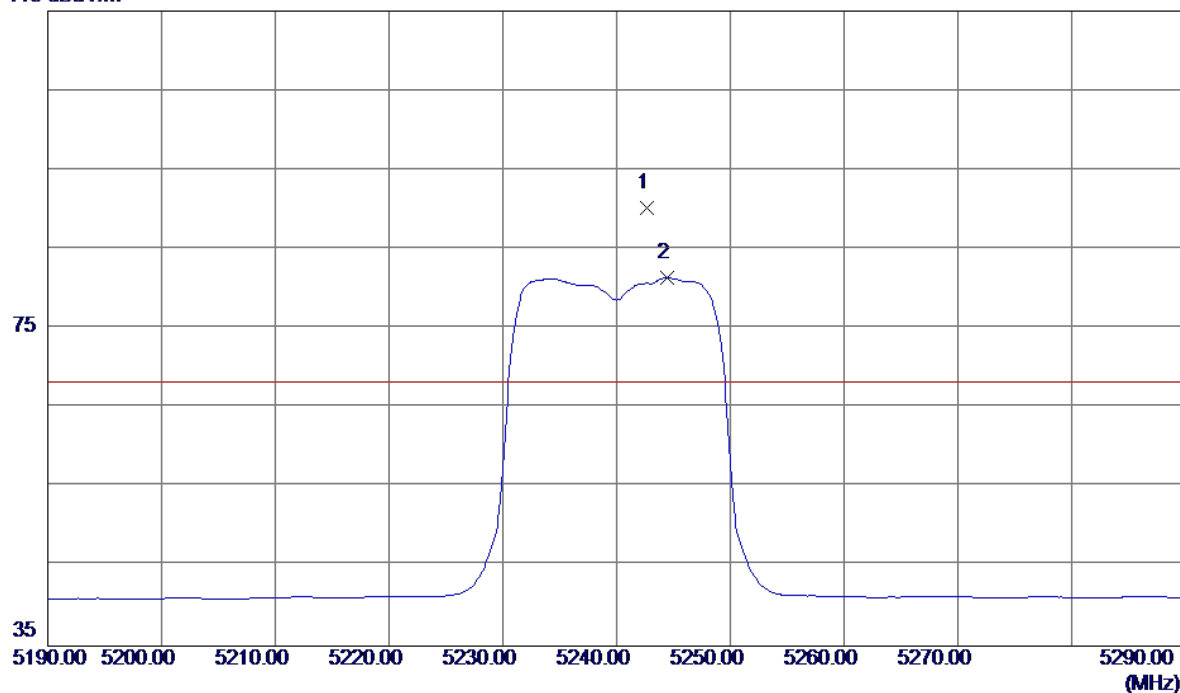


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.3450	34.71	9.86	44.57	68.30	-23.73	Peak	

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

Vertical

115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5242.7000	50.08	40.15	90.23	68.30	21.93	Peak	No Limit
2	5244.4000	41.25	40.16	81.41	999.00	-917.59	AVG	No Limit