

FCC Radio Test Report

FCC ID: QISCMR-AL19

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

Project No. : 1712C036
Equipment : Tablet
Model Name : CMR-AL19
Applicant : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

Date of Receipt : Dec, 02, 2017
Date of Test : Dec, 02, 2017 ~ Jan, 17, 2018
Issued Date : Jan, 18, 2018
Tested by : BTL Inc.

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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1712C036	Original Issue.	Jan, 18, 2018

1. CERTIFICATION

Equipment : Tablet
Brand Name : HUAWEI
Model Name : CMR-AL19
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District Shenzhen China
Factory : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District Shenzhen China
Date of Test : Dec, 02, 2017 ~ Jan, 17, 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-4-1712C036) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the RLAN 5G part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

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

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted Measurement:

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

B. Radiated Measurement:

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

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Tablet	
Brand Name	HUAWEI	
Model Name	CMR-AL19	
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	433.3Mbps
Power Source	#1 Supplied from AC/DC adapter. #2 Battery Supplied.	
Power Rating	#1 Input: 100V~240V AC and 50/60 Hz,0.5A Output: 5V --- 2A OR 9V --- 2A #2 --- 3.82V 7350mAh	
Hardware Version	SH1CMRONLM	
Software Version	CMR-AL19 8.0.1.3(SP1C331)	
Output Power	Output Power (Max.)for UNII-1 (1TX)	802.11a: 17.87dBm 802.11n (20M): 16.88dBm 802.11n (40M): 14.24dBm 802.11ac (20M): 16.86dBm 802.11ac (40M): 14.28dBm 802.11ac (80M): 12.99dBm
	Output Power (Max.)for UNII-2A (1TX)	802.11a: 17.54dBm 802.11n (20M): 16.50dBm 802.11n (40M): 13.81dBm 802.11ac (20M): 16.58dBm 802.11ac (40M): 13.83dBm 802.11ac (80M): 12.70dBm
	Output Power (Max.)for UNII-2C (1TX)	802.11a: 17.62dBm 802.11n (20M): 16.80dBm 802.11n (40M): 14.03dBm 802.11ac (20M): 16.96dBm 802.11ac (40M): 13.79dBm 802.11ac (80M): 12.78dBm
	Output Power (Max.)for UNII-3 (1TX)	802.11a: 17.78dBm 802.11n (20M): 17.38dBm 802.11n (40M): 14.37dBm 802.11ac (20M): 17.34dBm 802.11ac (40M): 14.33dBm 802.11ac (80M): 13.32dBm

Note:

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

2. Channel List:

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

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

802.11a 802.11n 20MHz 802.11ac 20MHz		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
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				

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	0

4.

Item	Mfr/Brand	Model.
Battery	SCUD (FUJIAN) Electronics Co., Ltd	HB2994I8ECW
	Sunwoda Electronic Co., LTD.	HB2994I8ECW
	Huizhou Desay Battery Co., Ltd	HB2994I8ECW
USB Cable	HONGLIN TECHNOLOGY CO.,LTD	130-26988
	Luxshare Precision Industry Co., Ltd	L99UC001-CS-H
	FOXCONN INTERCONNECT TECHNOLOGY LIMITED	CUDU01B-HC288-EH
	foxlink cheng uei precision industry Co., Ltd	6691-10YZ-0183
USB Type-C to 3.5 mm headset jack adapter cable	FOSTER ELECTRIC CO. (HONG KONG) LTD	620891
	Boluo County Quancheng Electronic Co.,Ltd.	6001-7001-TC-294
	Jiangxi Lianchuang Hongsheng Electronic Co.,LTD	HWTYPEC3R5009AW
	MERRY ELECTRONICS CO., LTD.	L99UD002-CS-H
Adapter	Salcomp (Shenzhen) Co., Ltd.	HW-059200UHQ
	HUIZHOU BYD ELECTRONIC CO.,LTD	

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, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, 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, CH64 (UNII-2A)
Mode 8	TX N20 Mode / CH52, CH64 (UNII-2A)
Mode 9	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 10	TX AC20 Mode / CH52, 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, CH140 (UNII-2C)
Mode 14	TX N20 Mode / CH100, CH140 (UNII-2C)
Mode 15	TX N40 Mode / CH102, CH134 (UNII-2C)
Mode 16	TX AC20 Mode / CH100, CH140 (UNII-2C)
Mode 17	TX AC40 Mode / CH102, CH134 (UNII-2C)
Mode 18	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 19	TX A Mode / CH149, CH165 (UNII-3)
Mode 20	TX N20 Mode / CH149, CH165 (UNII-3)
Mode 21	TX N40 Mode / CH151, CH159 (UNII-3)
Mode 22	TX AC20 Mode / CH149, CH165 (UNII-3)
Mode 23	TX AC40 Mode / CH151, CH159 (UNII-3)
Mode 24	TX AC80 Mode / CH155 (UNII-3)

Note:

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5180	5200	5240
A Mode	17	17	17
Frequency (MHz)	5180	5200	5240
N20 Mode	16	16	16
Frequency (MHz)	5190	5230	
N40 Mode	14	14	

UNII-2A			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5260	5300	5320
A Mode	17	17	17
Frequency (MHz)	5260	5300	5320
N20 Mode	16	16	16
Frequency (MHz)	5270	5310	
N40 Mode	14	14	

UNII-2C			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5500	5580	5700
A Mode	17	17	17
Frequency (MHz)	5500	5580	5700
N20 Mode	16	16	16
Frequency (MHz)	5510	5550	5670
N40 Mode	14	14	14

UNII-3			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5745	5785	5825
A Mode	17	17	17
Frequency (MHz)	5745	5785	5825
N20 Mode	16	16	16
Frequency (MHz)	5755	5795	
N40 Mode	14	14	

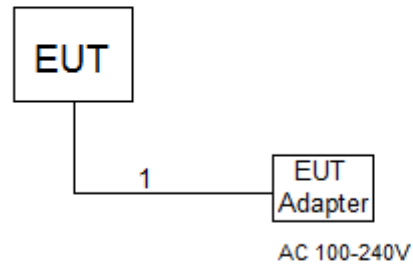
UNII-1			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5180	5200	5240
AC20 Mode	16	16	16
Frequency (MHz)	5190	5230	
AC40 Mode	14	14	
Frequency (MHz)	5210		
AC80 Mode	13		

UNII-2A			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5260	5300	5320
AC20 Mode	16	16	16
Frequency (MHz)	5270	5310	
AC40 Mode	14	14	
Frequency (MHz)	5290		
AC80 Mode	13		

UNII-2C			
Test Software Version	Wi-Fi RFAuth.apk		
Frequency (MHz)	5500	5580	5700
AC20 Mode	16	16	16
Frequency (MHz)	5510	5550	5670
AC40 Mode	14	14	14
Frequency (MHz)	5530	5610	
AC80 Mod	13	13	

UNII-3			
Test Software Version	WiFiRFAuth.apk		
Frequency (MHz)	5745	5785	5825
AC20 Mode	16	16	16
Frequency (MHz)	5755	5795	
AC40 Mode	14	14	
Frequency (MHz)	5775		
AC80 Mode	13		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.2M	DC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

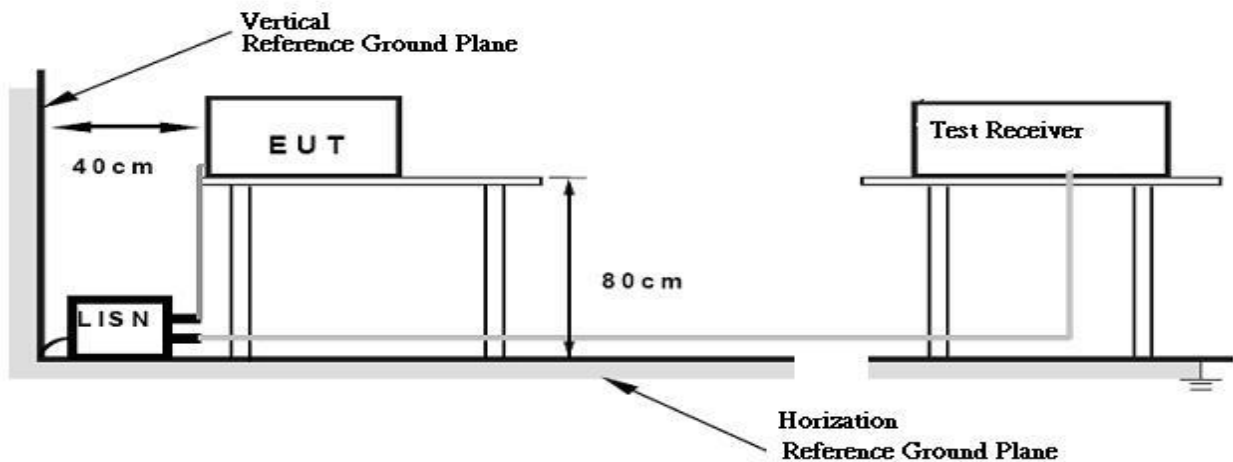
4.1.2 TEST PROCEDURE

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

Frequencies (MHz)	EIRP Limit (dBm)	Band edge at 3m (dBμV/m)	Harmonic at 1.5m (dBμV/m)
5150-5250	-27	68.3	74.3 (Note 3)
5250-5350	-27	68.3	74.3 (Note 3)
5470-5725	-27	68.3	74.3 (Note 3)
5725-5850	-27(Note 2)	68.3	74.3 (Note 3)
	10(Note 2)	105.3	111.3(Note 3)
	15.6(Note 2)	110.9	116.9(Note 3)
	27(Note 2)	122.3	128.3(Note 3)

Note:

- The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m}$, where P is the eirp (Watts)
- According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

$$FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

3. $20 \log d_{\text{limit}}/d_{\text{measure}} = 20 \log 3/1.5 = 6 \text{dB}$.

4.2.2 TEST PROCEDURE

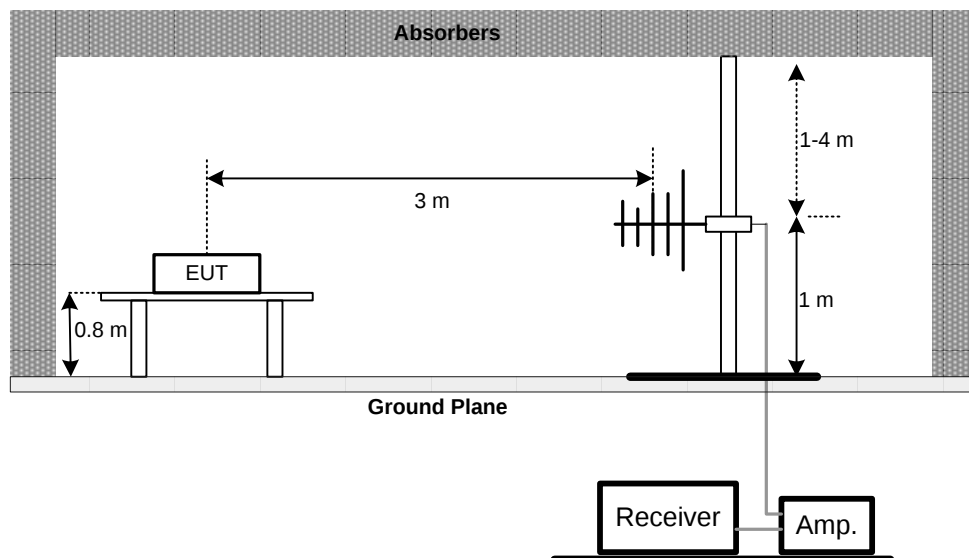
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m or 1.5m 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

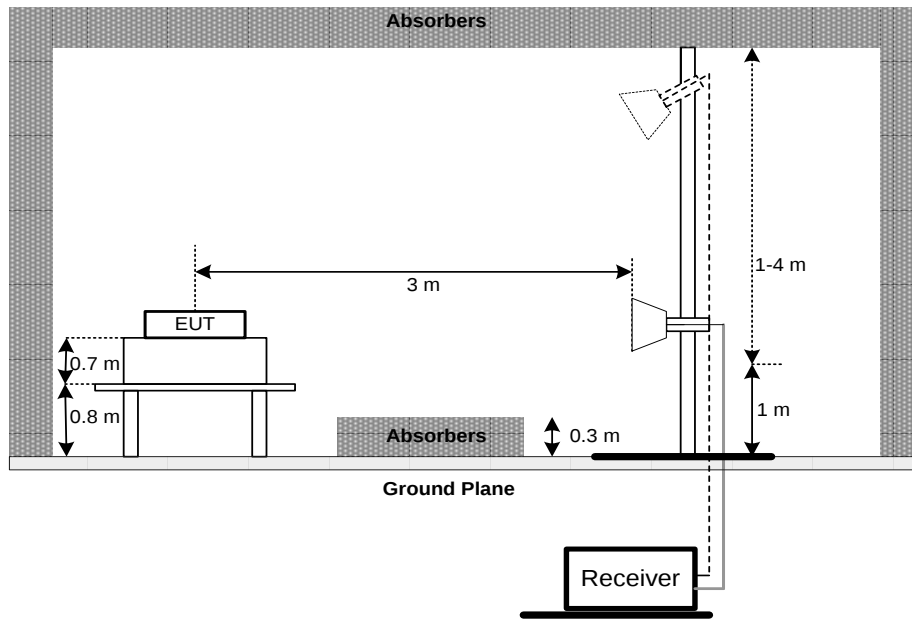
4.2.4 TEST SETUP

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

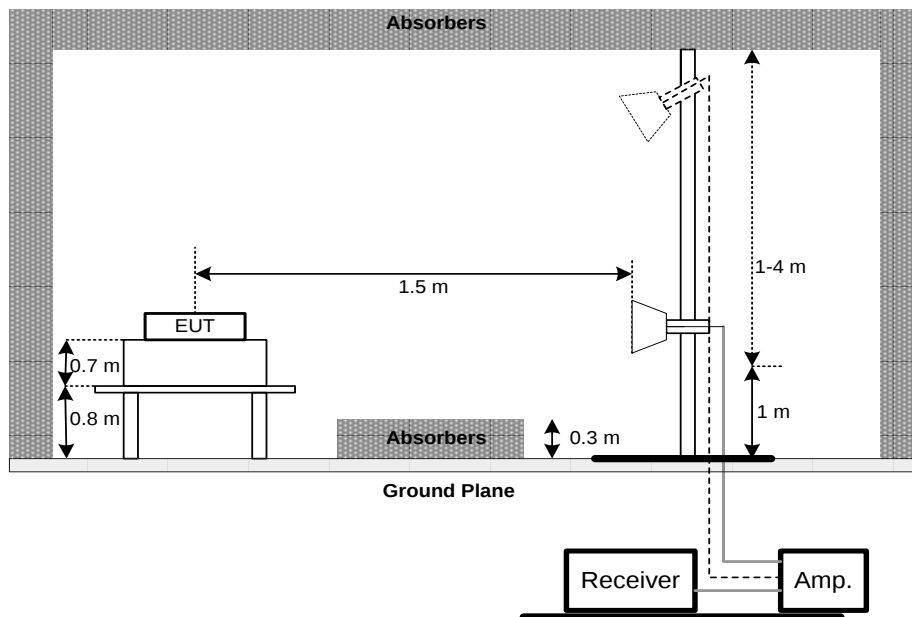


(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

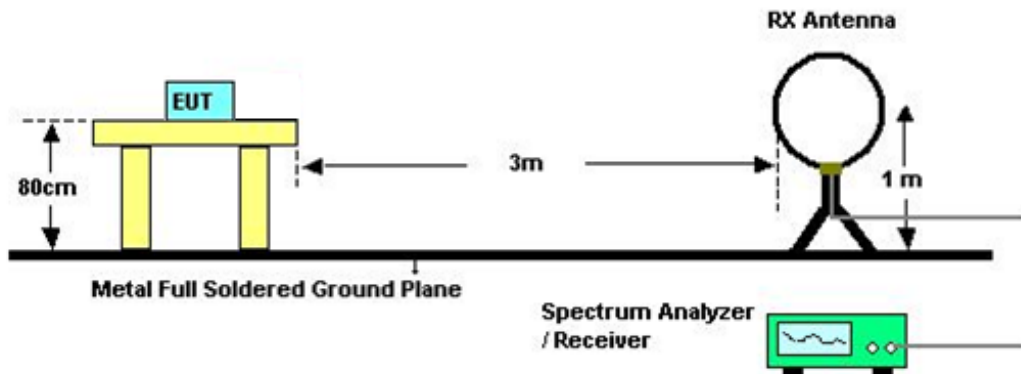
Band edge



Harmonic



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

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

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
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 anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

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

b.

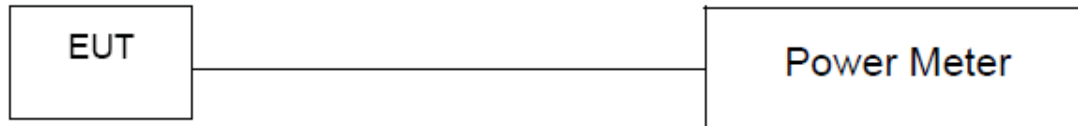
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	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: AC 120V/60Hz

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

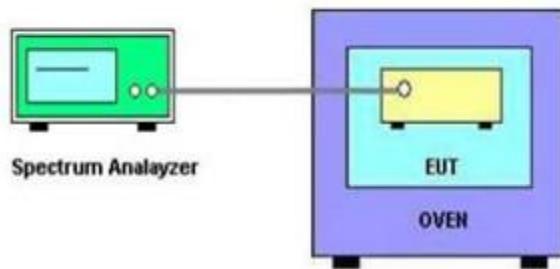
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
d. User manual temperature is -30°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
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	Antenna	EM	EM-6876-1	230	Mar. 06, 2018

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

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

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

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

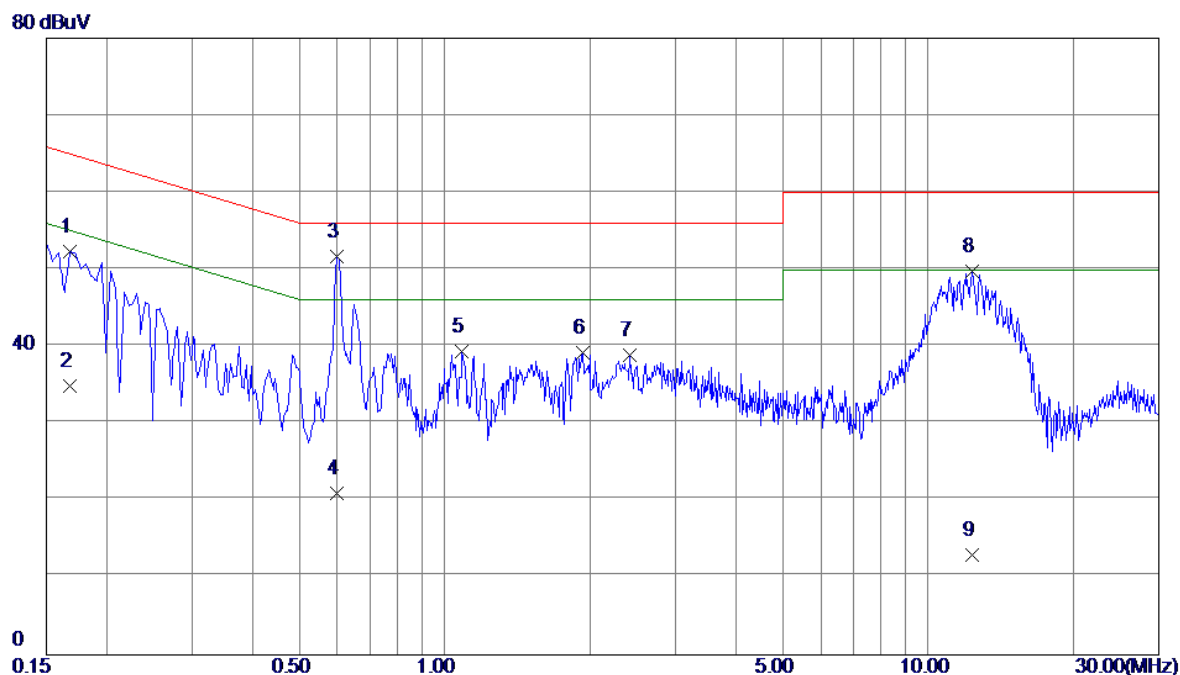
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 26, 2018

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

APPENDIX A - CONDUCTED EMISSION

Test Mode: TX Mode_Adapter: BYD

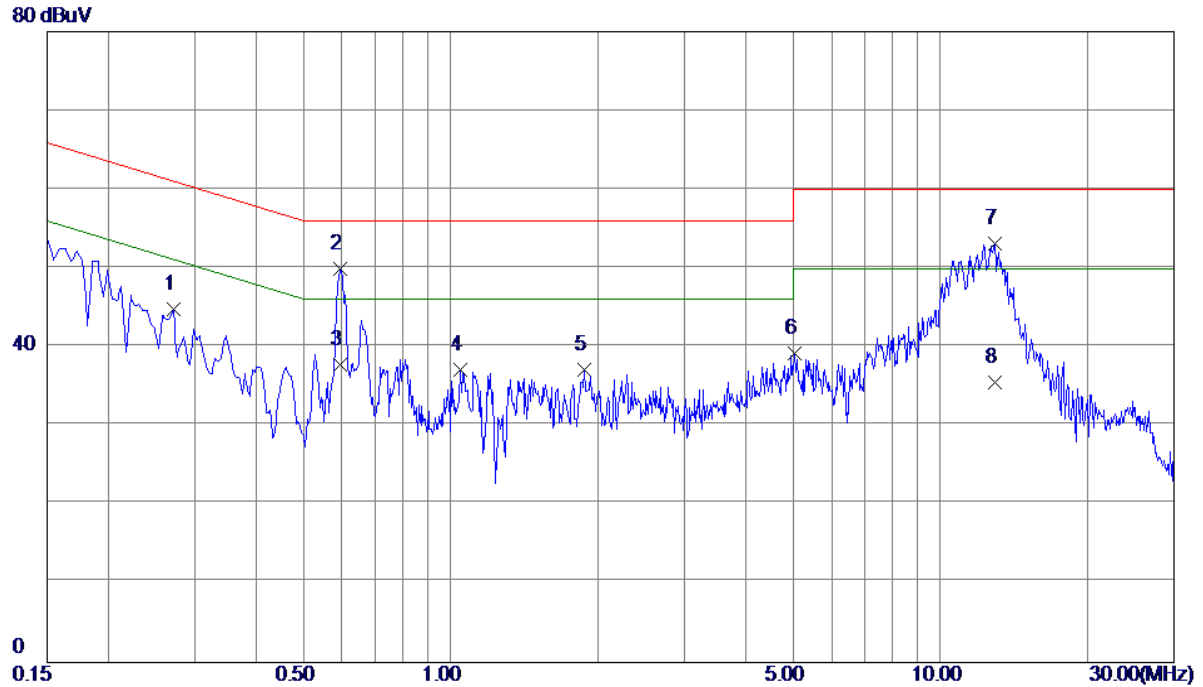
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1680	42.55	9.78	52.33	65.06	-12.73	Peak	
2	0.1680	25.10	9.78	34.88	55.06	-20.18	AVG	
3 *	0.6000	41.82	9.81	51.63	56.00	-4.37	Peak	
4	0.6000	11.20	9.81	21.01	46.00	-24.99	AVG	
5	1.0859	29.51	9.85	39.36	56.00	-16.64	Peak	
6	1.9320	29.29	9.92	39.21	56.00	-16.79	Peak	
7	2.4180	28.96	9.96	38.92	56.00	-17.08	Peak	
8	12.3315	39.33	10.45	49.78	60.00	-10.22	Peak	
9	12.3315	2.50	10.45	12.95	50.00	-37.05	AVG	

Test Mode: TX Mode_Adapter: BYD

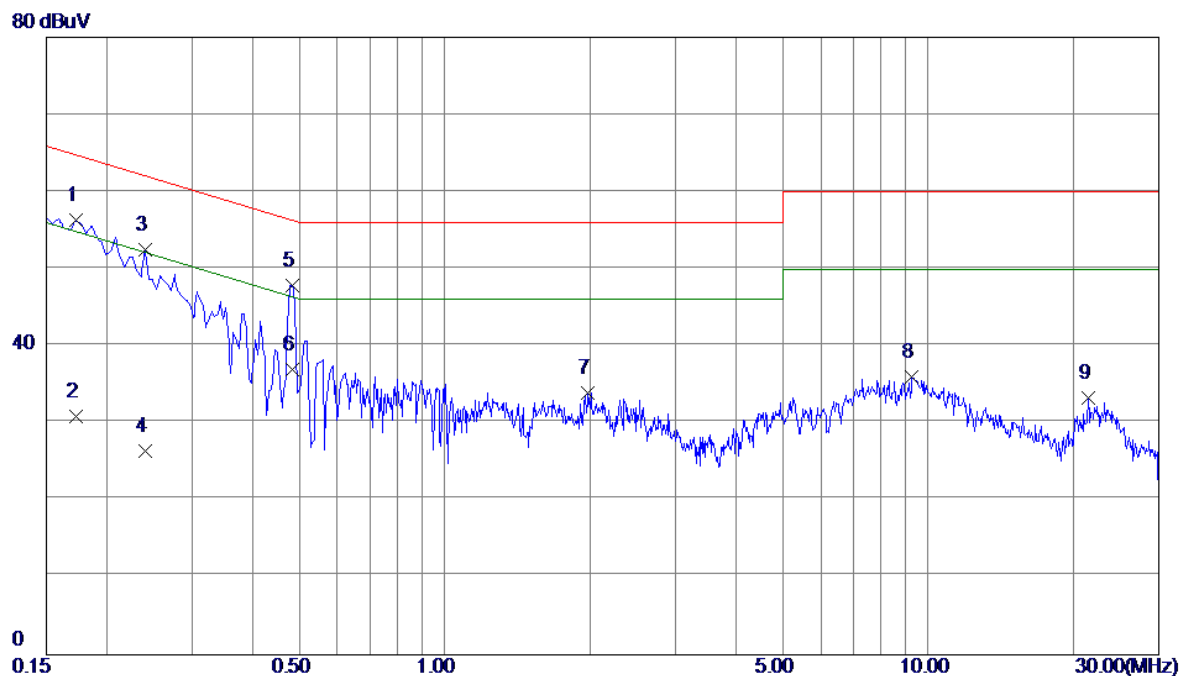
Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.2714	35.16	9.67	44.83	61.07	-16.24	Peak	
2 *	0.5955	40.18	9.71	49.89	56.00	-6.11	Peak	
3	0.5955	28.00	9.71	37.71	46.00	-8.29	AVG	
4	1.0455	27.39	9.75	37.14	56.00	-18.86	Peak	
5	1.8780	27.27	9.83	37.10	56.00	-18.90	Peak	
6	5.0324	29.18	10.01	39.19	60.00	-20.81	Peak	
7	12.8940	42.67	10.48	53.15	60.00	-6.85	Peak	
8	12.8940	25.09	10.48	35.57	50.00	-14.43	AVG	

Test Mode: TX Mode_Adapter: Salcomp

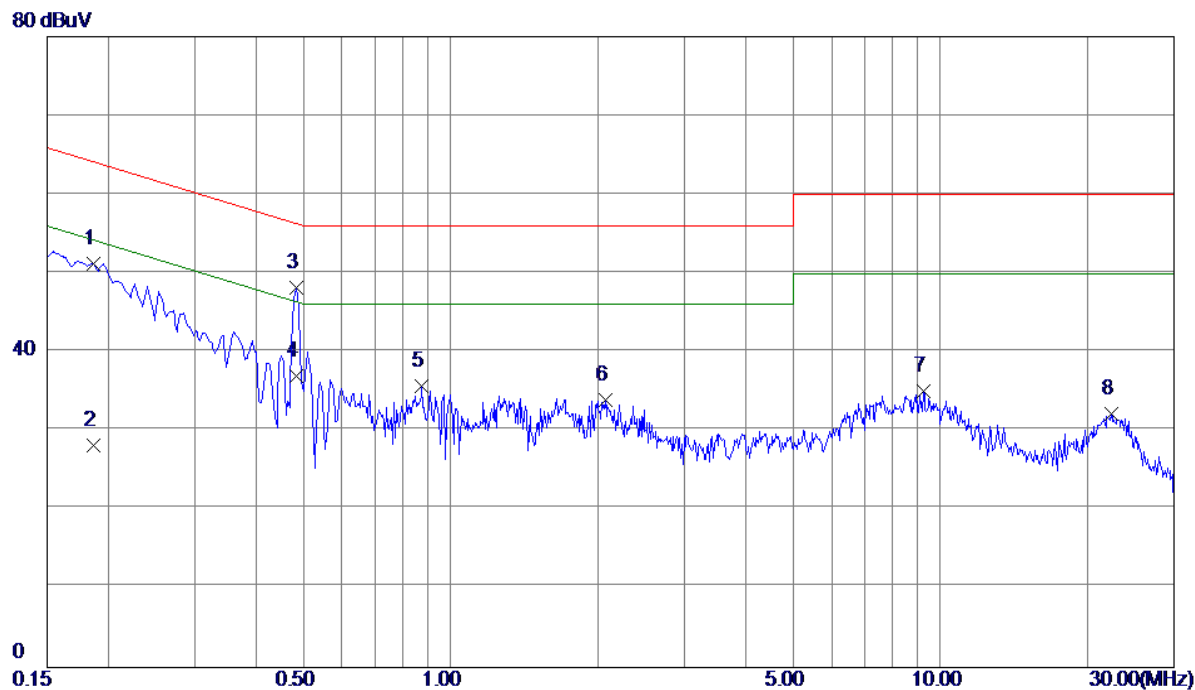
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1725	46.49	9.78	56.27	64.84	-8.57	Peak	
2	0.1725	21.10	9.78	30.88	54.84	-23.96	AVG	
3	0.2400	42.74	9.76	52.50	62.10	-9.60	Peak	
4	0.2400	16.60	9.76	26.36	52.10	-25.74	AVG	
5 *	0.4830	38.06	9.80	47.86	56.29	-8.43	Peak	
6	0.4830	27.20	9.80	37.00	46.29	-9.29	AVG	
7	1.9815	24.07	9.92	33.99	56.00	-22.01	Peak	
8	9.2670	25.76	10.29	36.05	60.00	-23.95	Peak	
9	21.4845	22.54	10.69	33.23	60.00	-26.77	Peak	

Test Mode: TX Mode_Adapter: Salcomp

Neutral

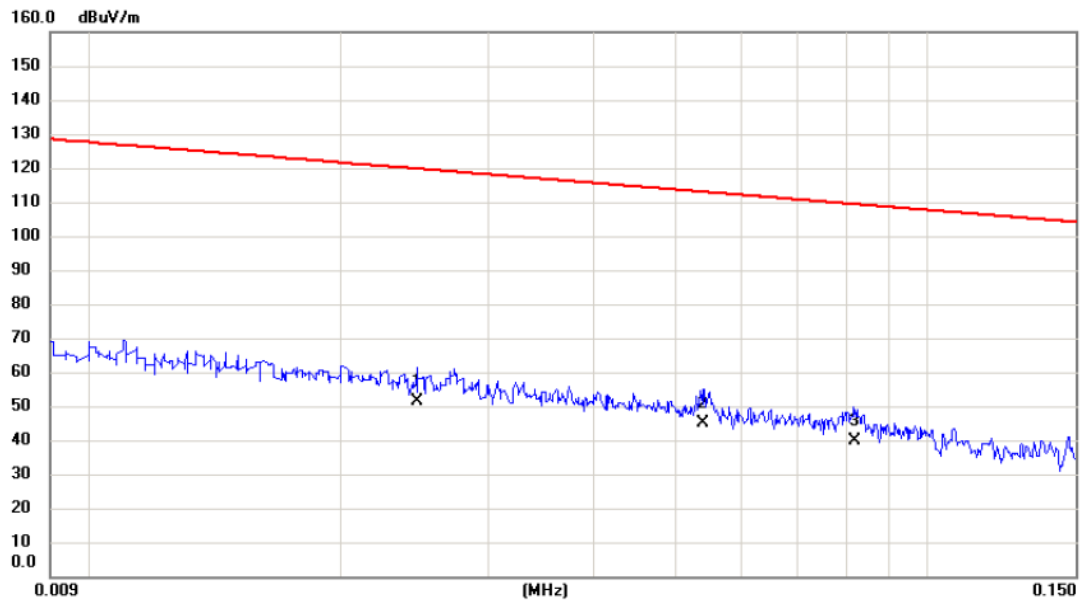


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1860	41.58	9.69	51.27	64.21	-12.94	Peak	
2	0.1860	18.50	9.69	28.19	54.21	-26.02	AVG	
3 *	0.4830	38.48	9.70	48.18	56.29	-8.11	Peak	
4	0.4830	27.20	9.70	36.90	46.29	-9.39	AVG	
5	0.8745	25.96	9.73	35.69	56.00	-20.31	Peak	
6	2.0670	24.02	9.85	33.87	56.00	-22.13	Peak	
7	9.2265	24.85	10.23	35.08	60.00	-24.92	Peak	
8	22.3395	21.37	10.84	32.21	60.00	-27.79	Peak	

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

Test Mode: TX Mode_Adapter: BYD

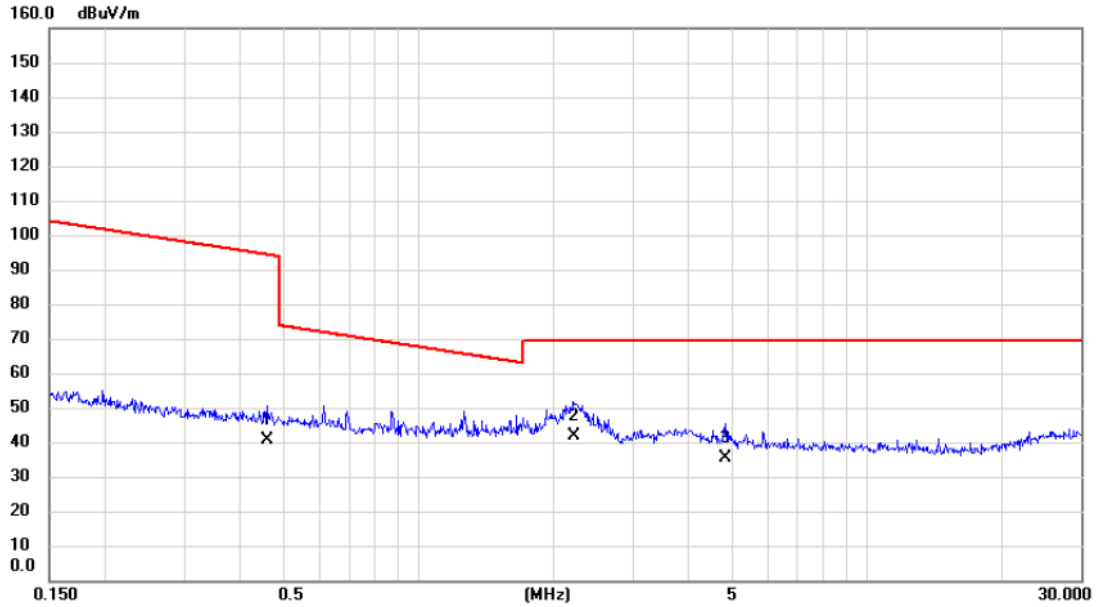
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0246	31.82	19.48	51.30	119.79	-68.49	AVG	
2	*	0.0540	26.18	18.64	44.82	112.96	-68.14	AVG	
3		0.0817	21.62	18.07	39.69	109.36	-69.67	AVG	

Test Mode: TX Mode_Adapter: BYD

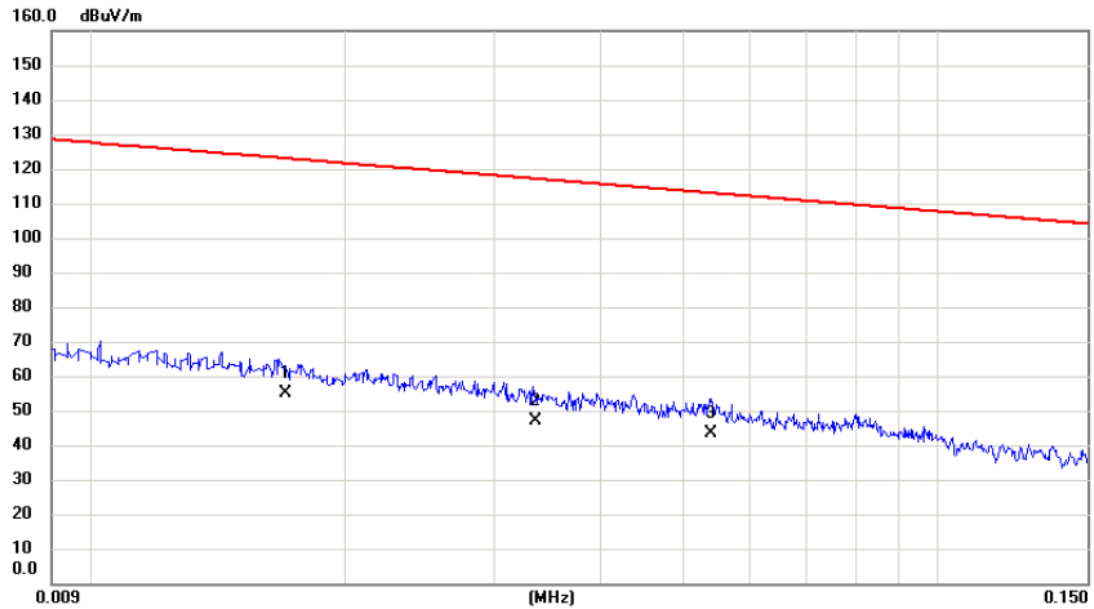
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4588	24.03	16.50	40.53	94.37	-53.84	AVG	
2	*	2.2132	26.19	15.45	41.64	69.54	-27.90	QP	
3		4.8224	20.85	14.48	35.33	69.54	-34.21	QP	

Test Mode:	TX Mode _ Adapter: BYD
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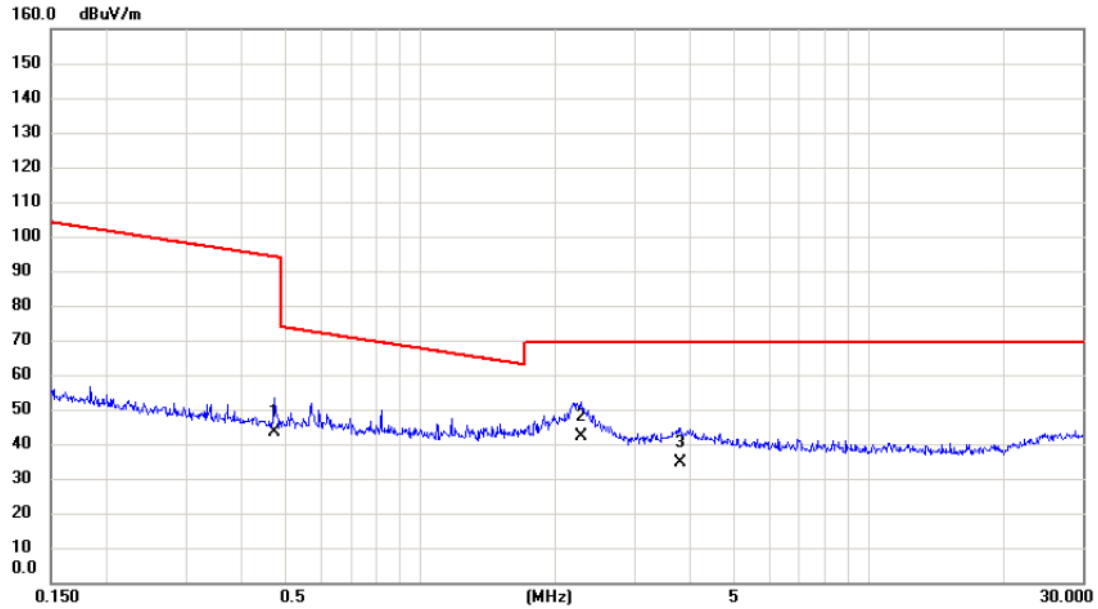
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0170	35.08	20.01	55.09	123.00	-67.91	AVG	
2		0.0335	27.94	19.22	47.16	117.10	-69.94	AVG	
3		0.0540	24.70	18.64	43.34	112.96	-69.62	AVG	

Test Mode: TX Mode_Adapter: BYD

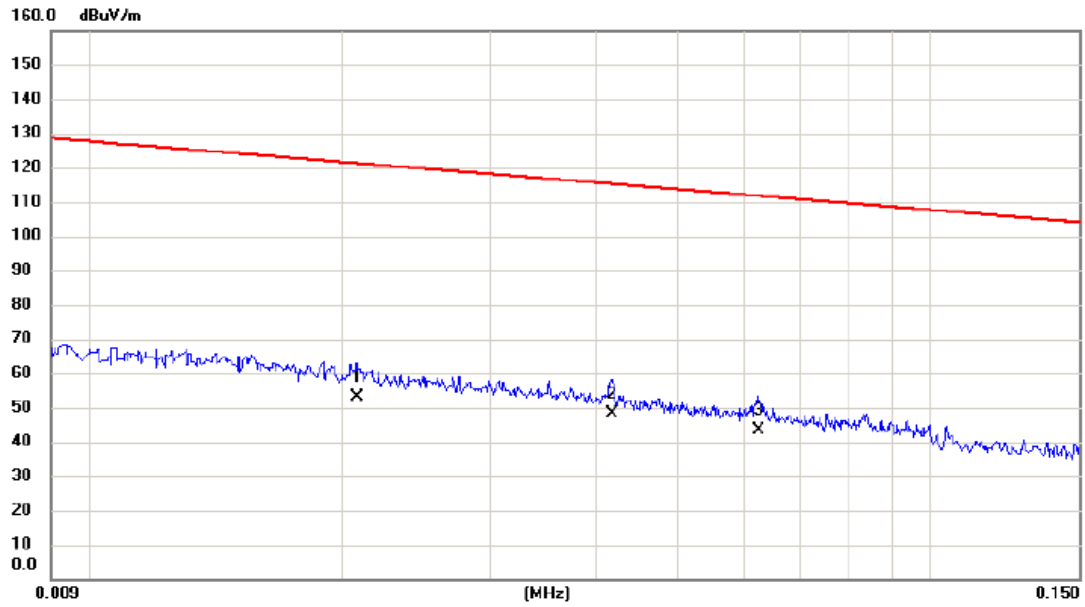
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4736	26.77	16.49	43.26	94.10	-50.84	AVG	
2	*	2.2847	26.60	15.43	42.03	69.54	-27.51	QP	
3		3.7994	19.57	15.01	34.58	69.54	-34.96	QP	

Test Mode: TX Mode _ Adapter: Salcomp

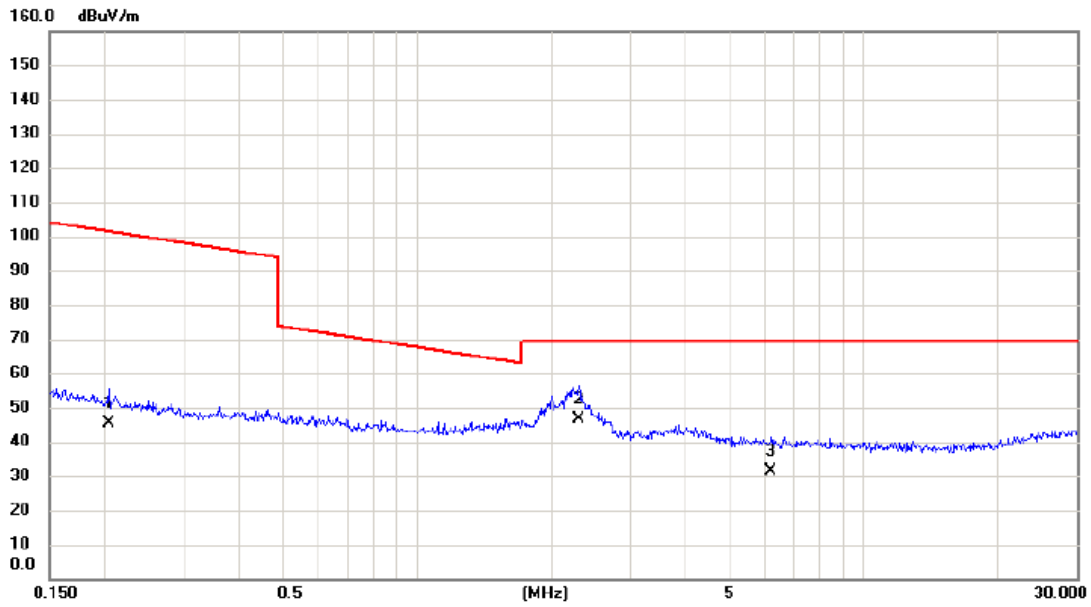
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0208	33.46	19.60	53.06	121.24	-68.18	AVG	
2	*	0.0418	29.27	18.97	48.24	115.18	-66.94	AVG	
3		0.0624	24.90	18.48	43.38	111.70	-68.32	AVG	

Test Mode: TX Mode _ Adapter: Salcomp

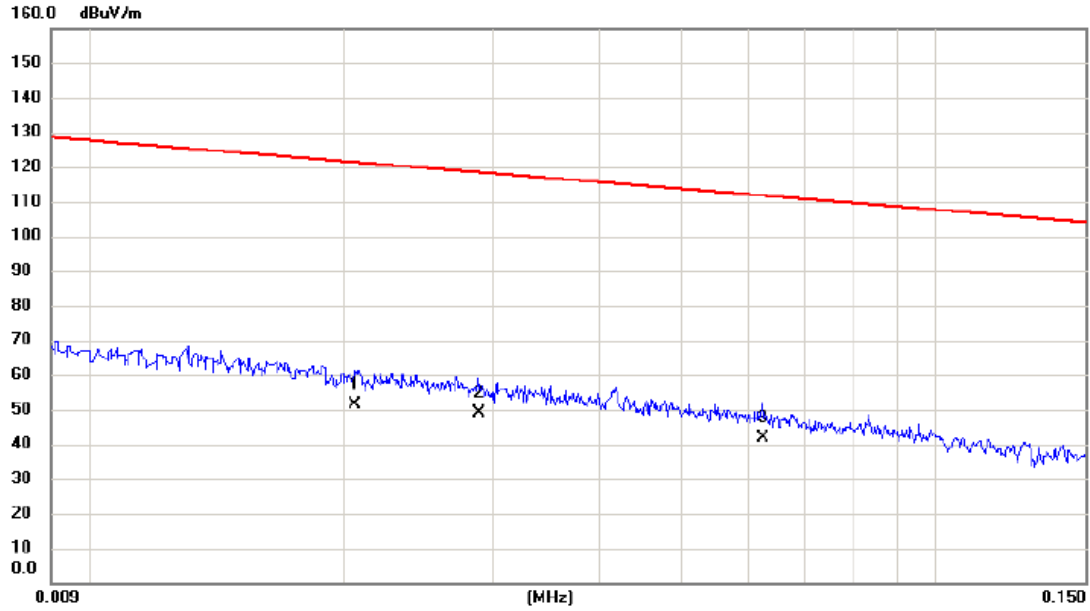
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2040	28.66	16.79	45.45	101.41	-55.96	AVG	
2	*	2.2968	30.99	15.43	46.42	69.54	-23.12	QP	
3		6.1860	17.36	14.22	31.58	69.54	-37.96	QP	

Test Mode: TX Mode _ Adapter: Salcomp

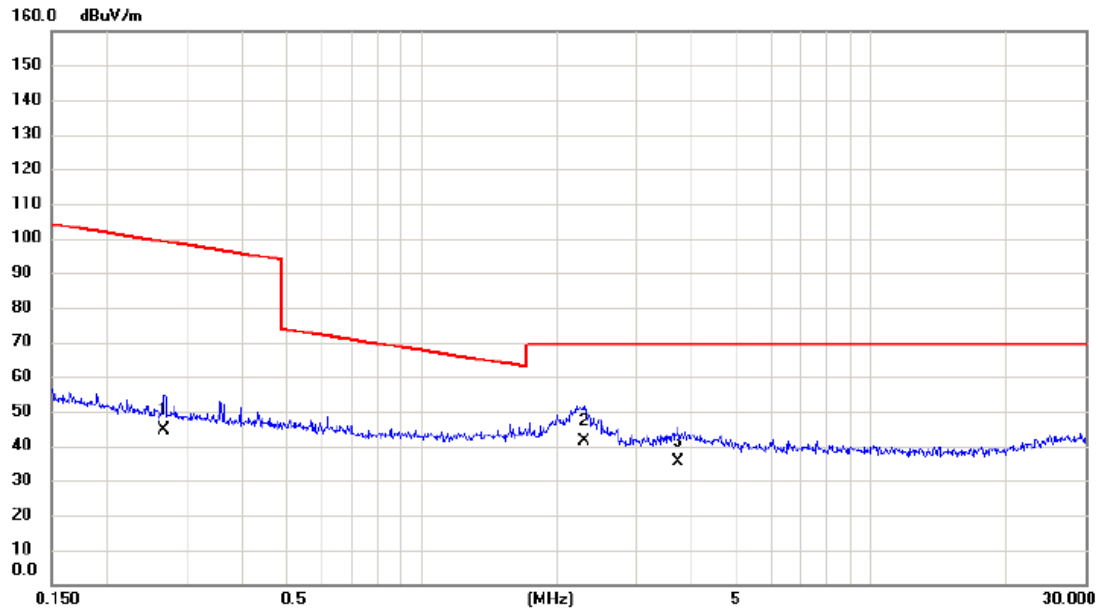
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0206	31.94	19.60	51.54	121.33	-69.79	AVG	
2	*	0.0288	29.49	19.36	48.85	118.42	-69.57	AVG	
3		0.0624	23.34	18.48	41.82	111.70	-69.88	AVG	

Test Mode: TX Mode _ Adapter: Salcomp

Ant 90°



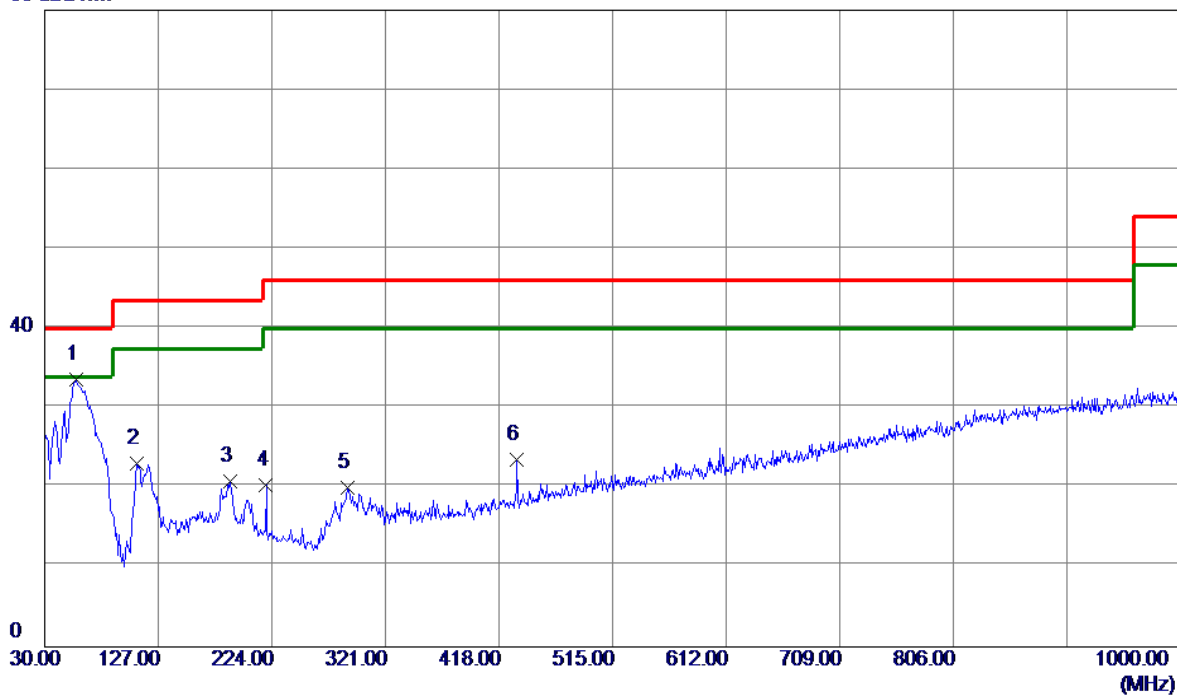
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2672	28.05	16.65	44.70	99.07	-54.37	AVG	
2	*	2.2968	25.92	15.43	41.35	69.54	-28.19	QP	
3		3.7198	20.20	15.02	35.22	69.54	-34.32	QP	

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

Test Mode: UNII-1/TX A Mode 5180MHz_ Adapter: BYD

Vertical

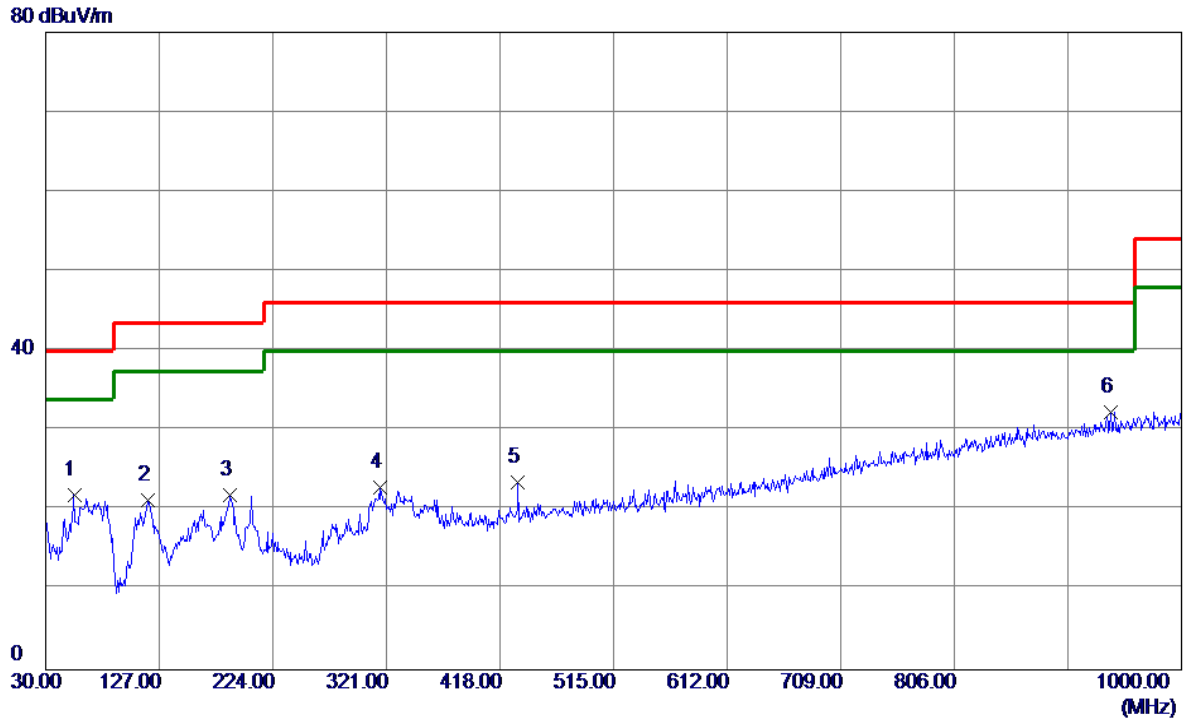
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	47.62	-14.04	33.58	40.00	-6.42	Peak	
2	108.5700	39.39	-16.37	23.02	43.50	-20.48	Peak	
3	188.1100	33.49	-12.69	20.80	43.50	-22.70	Peak	
4	219.1500	34.17	-13.91	20.26	46.00	-25.74	Peak	
5	288.9900	34.20	-14.26	19.94	46.00	-26.06	Peak	
6	433.5200	33.90	-10.41	23.49	46.00	-22.51	Peak	

Test Mode: UNII-1/TX A Mode 5180MHz_ Adapter: BYD

Horizontal

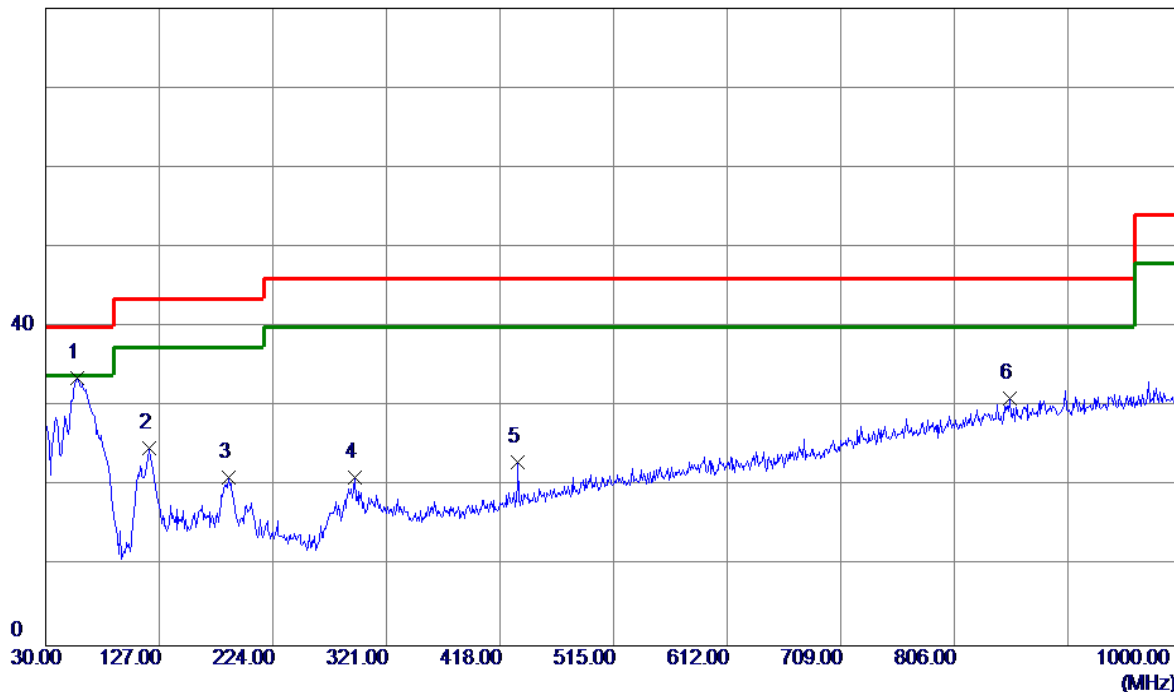


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	54.2500	35.84	-13.95	21.89	40.00	-18.11	Peak	
2	117.3000	36.91	-15.61	21.30	43.50	-22.20	Peak	
3	187.1400	34.52	-12.61	21.91	43.50	-21.59	Peak	
4	315.1800	35.51	-12.56	22.95	46.00	-23.05	Peak	
5	433.5200	33.95	-10.41	23.54	46.00	-22.46	Peak	
6 *	939.8600	30.49	1.80	32.29	46.00	-13.71	Peak	

Test Mode: UNII-1/TX A Mode 5240MHz_ Adapter: BYD

Vertical

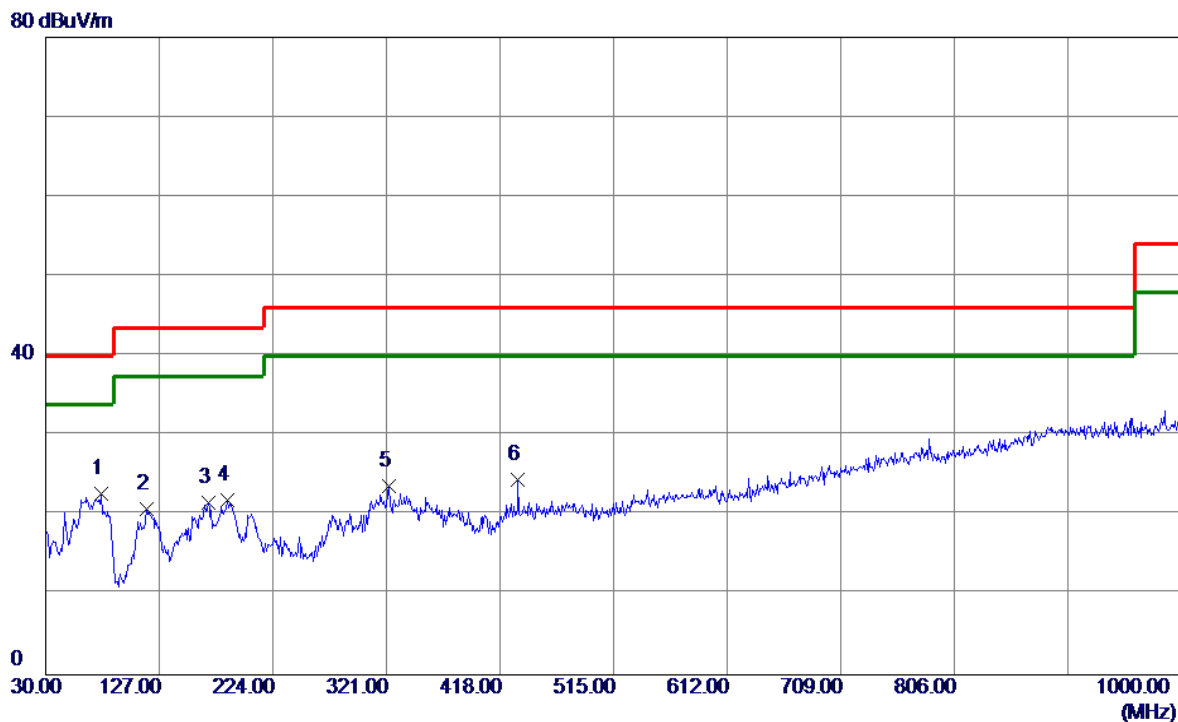
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	47.70	-14.04	33.66	40.00	-6.34	Peak	
2	118.2700	40.33	-15.53	24.80	43.50	-18.70	Peak	
3	186.1700	33.66	-12.54	21.12	43.50	-22.38	Peak	
4	293.8400	34.85	-13.67	21.18	46.00	-24.82	Peak	
5	433.5200	33.52	-10.41	23.11	46.00	-22.89	Peak	
6	853.5300	30.91	0.07	30.98	46.00	-15.02	Peak	

Test Mode: UNII-1/TX A Mode 5240MHz_ Adapter: BYD

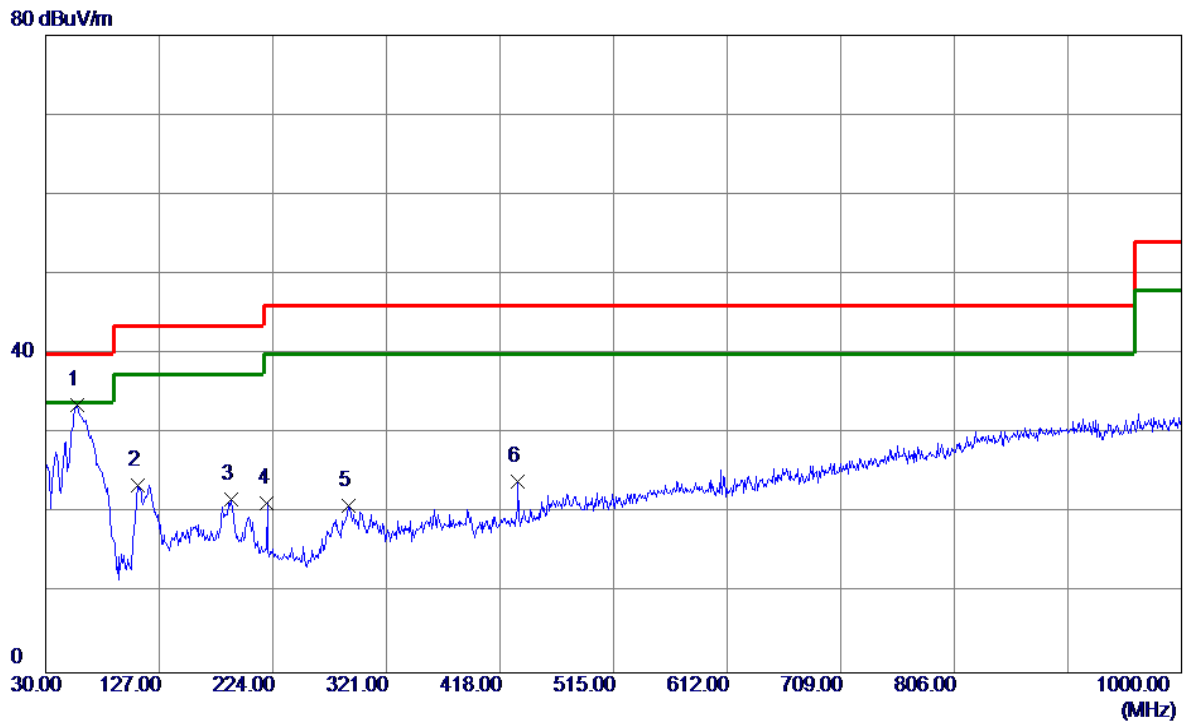
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	77.5300	40.33	-17.67	22.66	40.00	-17.34	Peak	
2	116.3300	36.50	-15.69	20.81	43.50	-22.69	Peak	
3	168.7100	34.03	-12.41	21.62	43.50	-21.88	Peak	
4	185.2000	34.33	-12.46	21.87	43.50	-21.63	Peak	
5	322.9400	36.17	-12.43	23.74	46.00	-22.26	Peak	
6	433.5200	34.92	-10.41	24.51	46.00	-21.49	Peak	

Test Mode: UNII-2A/TX A Mode 5260MHz_ Adapter: BYD

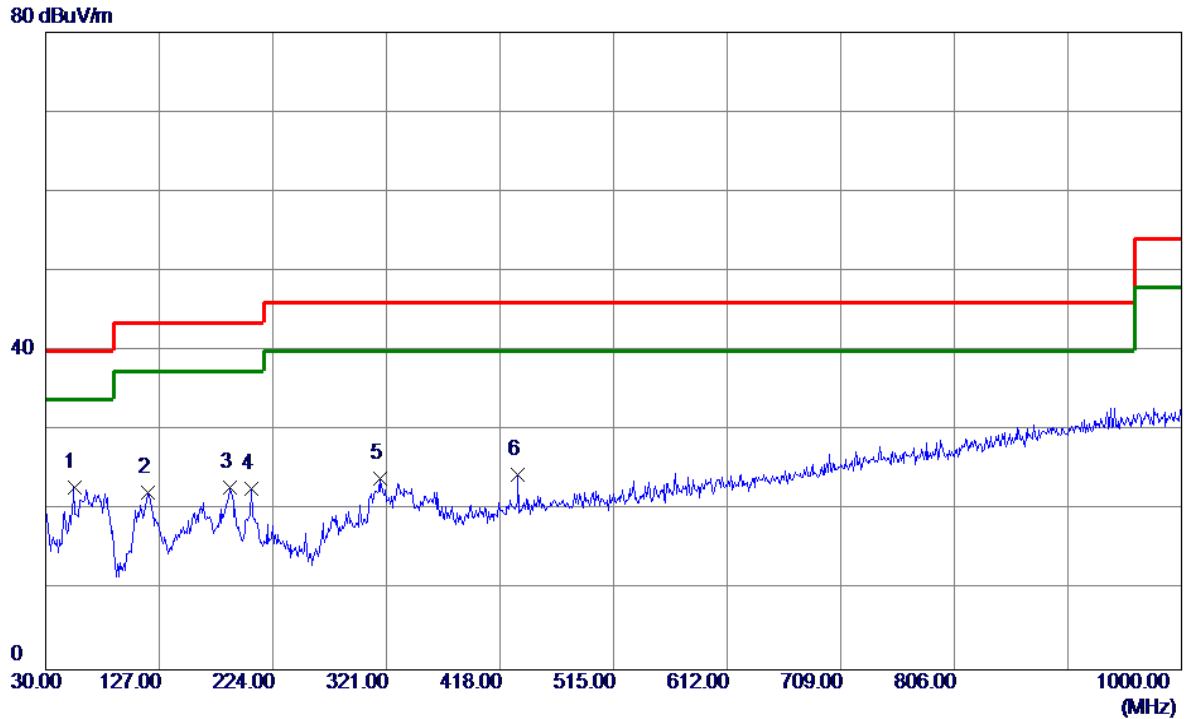
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	47.62	-14.04	33.58	40.00	-6.42	Peak	
2	108.5700	39.89	-16.37	23.52	43.50	-19.98	Peak	
3	188.1100	34.49	-12.69	21.80	43.50	-21.70	Peak	
4	219.1500	35.17	-13.91	21.26	46.00	-24.74	Peak	
5	288.9900	35.20	-14.26	20.94	46.00	-25.06	Peak	
6	433.5200	34.40	-10.41	23.99	46.00	-22.01	Peak	

Test Mode: UNII-2A/TX A Mode 5260MHz_ Adapter: BYD

Horizontal

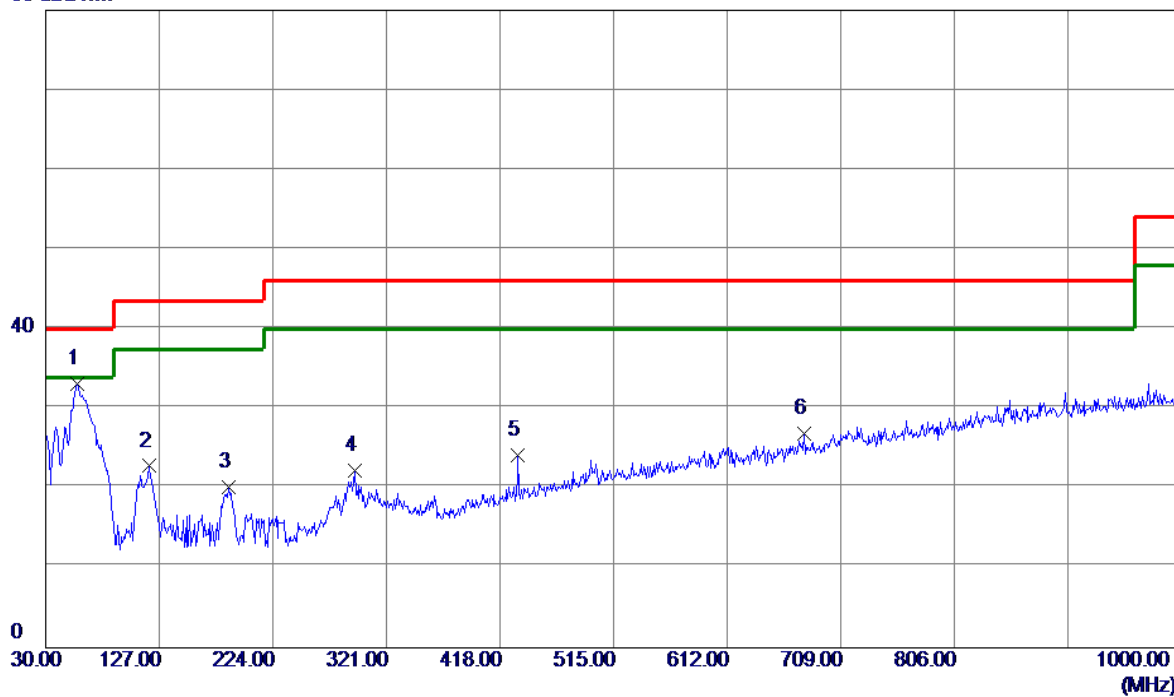


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	54.2500	36.84	-13.95	22.89	40.00	-17.11	Peak	
2	117.3000	37.91	-15.61	22.30	43.50	-21.20	Peak	
3	187.1400	35.52	-12.61	22.91	43.50	-20.59	Peak	
4	205.5700	36.57	-13.88	22.69	43.50	-20.81	Peak	
5	315.1800	36.51	-12.56	23.95	46.00	-22.05	Peak	
6	433.5200	34.95	-10.41	24.54	46.00	-21.46	Peak	

Test Mode: UNII-2A/TX A Mode 5320MHz_ Adapter: BYD

Vertical

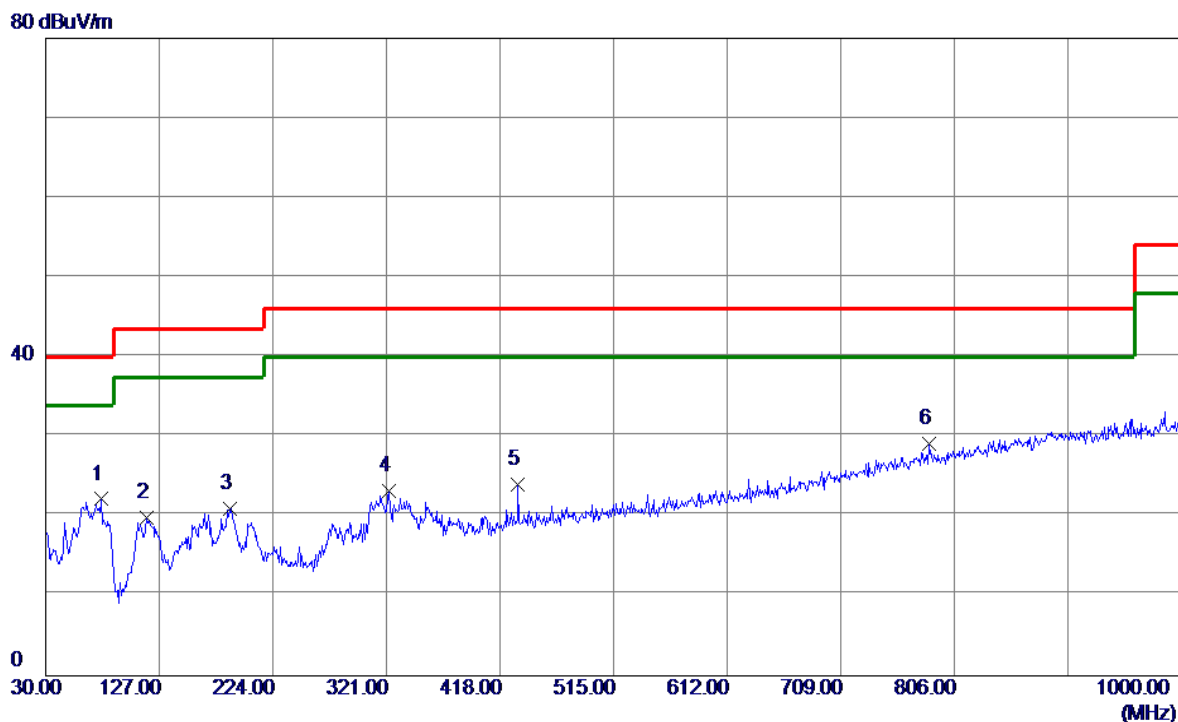
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	47.20	-14.04	33.16	40.00	-6.84	Peak	
2	118.2700	38.33	-15.53	22.80	43.50	-20.70	Peak	
3	186.1700	32.66	-12.54	20.12	43.50	-23.38	Peak	
4	293.8400	35.85	-13.67	22.18	46.00	-23.82	Peak	
5	433.5200	34.52	-10.41	24.11	46.00	-21.89	Peak	
6	677.9600	31.53	-4.62	26.91	46.00	-19.09	Peak	

Test Mode: UNII-2A/TX A Mode 5320MHz_ Adapter: BYD

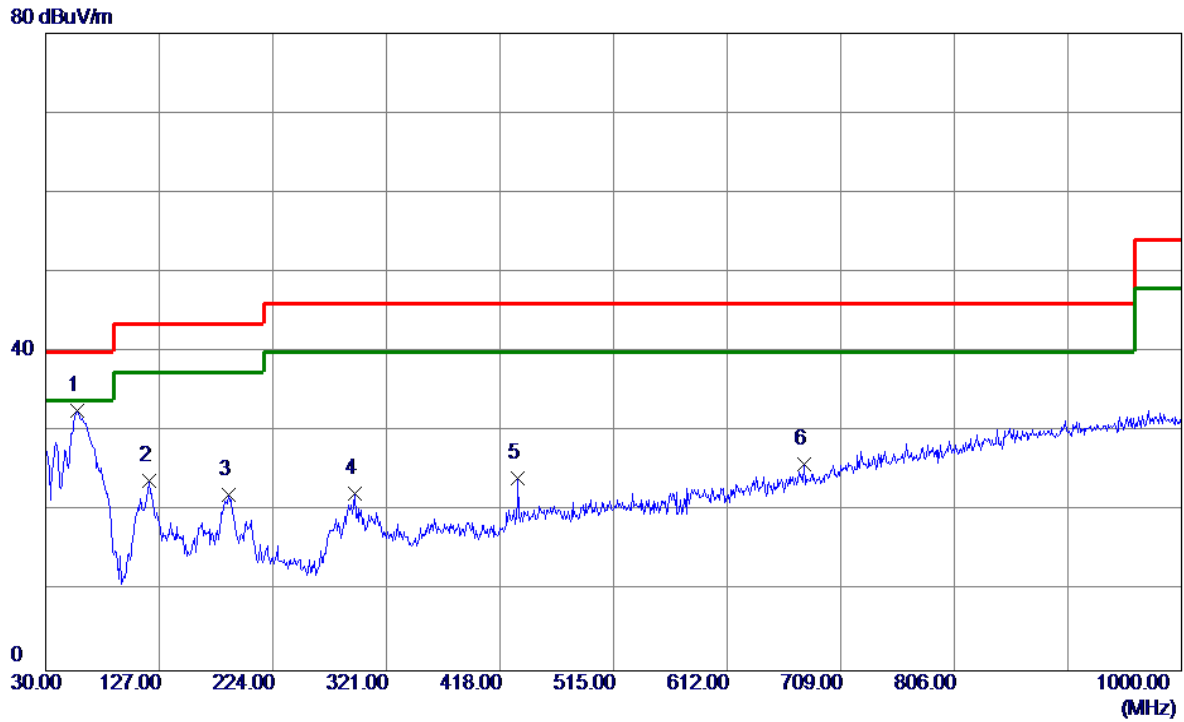
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	77.5300	39.83	-17.67	22.16	40.00	-17.84	Peak	
2	116.3300	35.50	-15.69	19.81	43.50	-23.69	Peak	
3	187.1400	33.61	-12.61	21.00	43.50	-22.50	Peak	
4	322.9400	35.67	-12.43	23.24	46.00	-22.76	Peak	
5	433.5200	34.42	-10.41	24.01	46.00	-21.99	Peak	
6 *	784.6599	30.78	-1.69	29.09	46.00	-16.91	Peak	

Test Mode: UNII-2C/TX A Mode 5500MHz_ Adapter: BYD

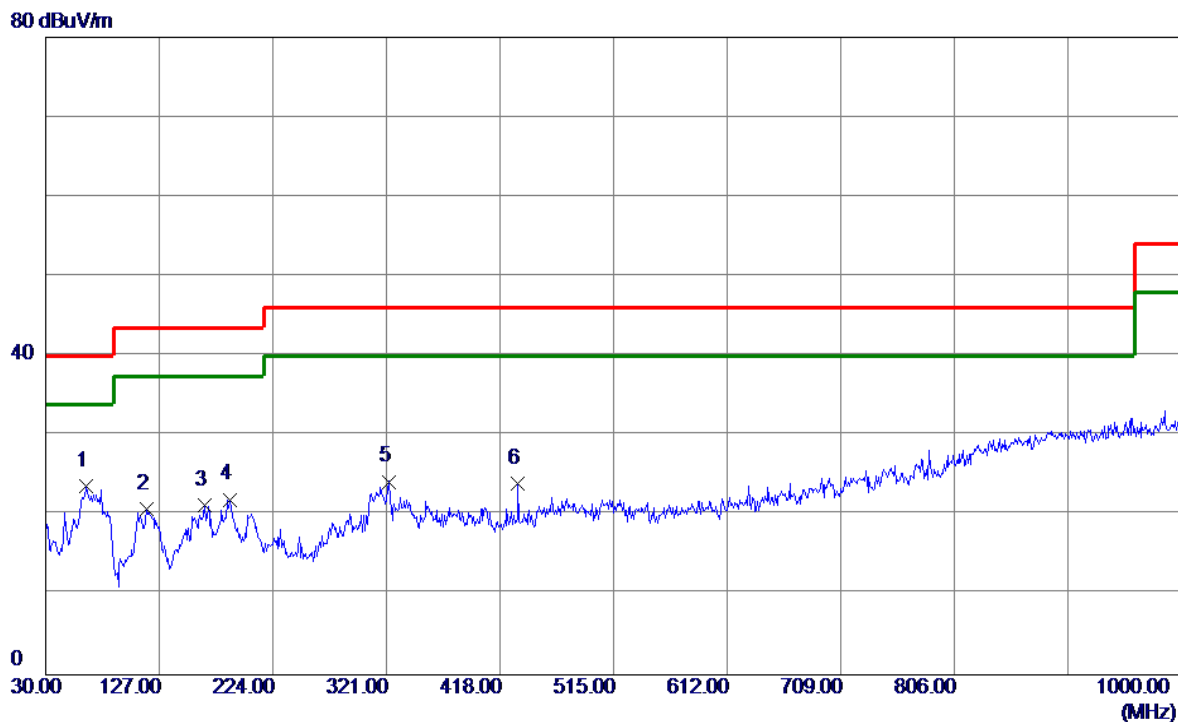
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	46.70	-14.04	32.66	40.00	-7.34	Peak	
2	118.2700	39.33	-15.53	23.80	43.50	-19.70	Peak	
3	186.1700	34.66	-12.54	22.12	43.50	-21.38	Peak	
4	293.8400	35.85	-13.67	22.18	46.00	-23.82	Peak	
5	433.5200	34.52	-10.41	24.11	46.00	-21.89	Peak	
6	677.9600	30.53	-4.62	25.91	46.00	-20.09	Peak	

Test Mode: UNII-2C/TX A Mode 5500MHz_ Adapter: BYD

Horizontal

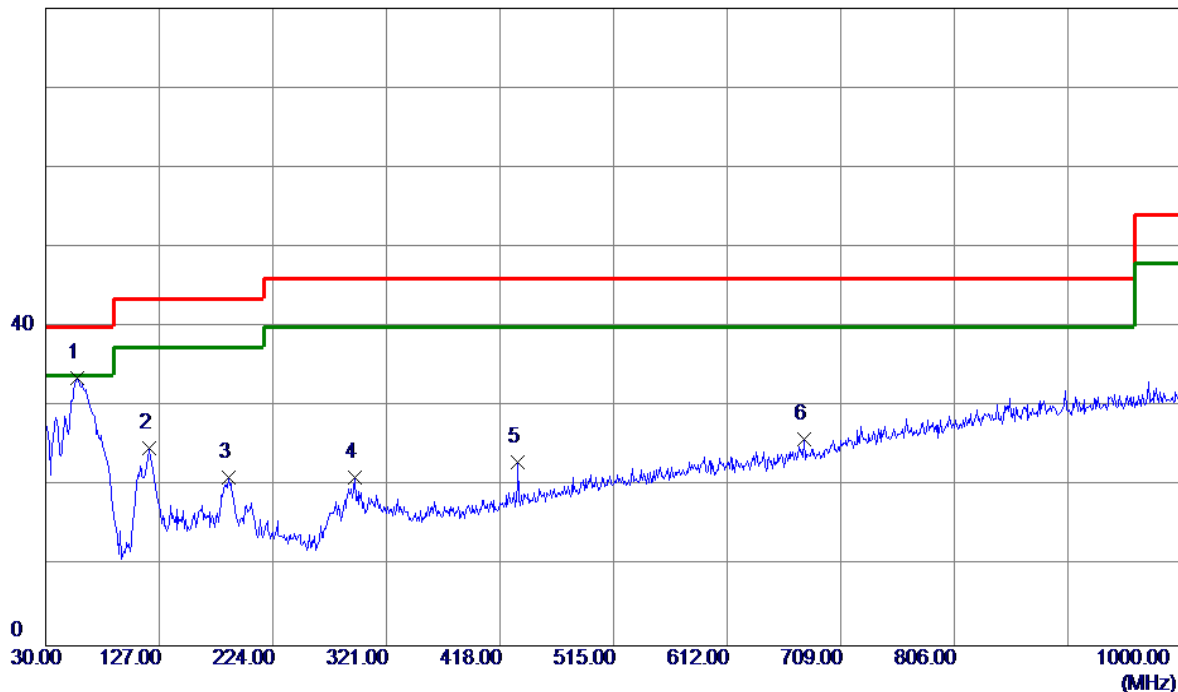


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	64.9200	38.83	-15.15	23.68	40.00	-16.32	Peak	
2	116.3300	36.50	-15.69	20.81	43.50	-22.69	Peak	
3	165.8000	33.90	-12.58	21.32	43.50	-22.18	Peak	
4	187.1400	34.61	-12.61	22.00	43.50	-21.50	Peak	
5	322.9400	36.67	-12.43	24.24	46.00	-21.76	Peak	
6	433.5200	34.42	-10.41	24.01	46.00	-21.99	Peak	

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

Vertical

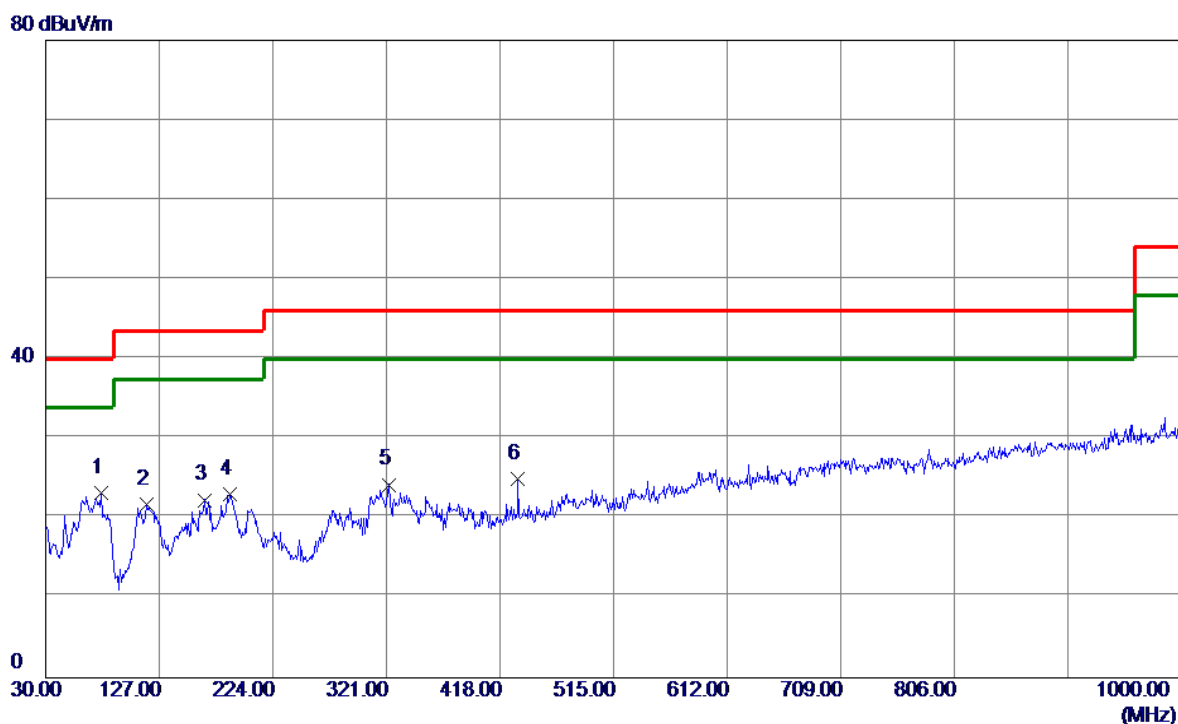
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	47.70	-14.04	33.66	40.00	-6.34	Peak	
2	118.2700	40.33	-15.53	24.80	43.50	-18.70	Peak	
3	186.1700	33.66	-12.54	21.12	43.50	-22.38	Peak	
4	293.8400	34.85	-13.67	21.18	46.00	-24.82	Peak	
5	433.5200	33.52	-10.41	23.11	46.00	-22.89	Peak	
6	677.9600	30.53	-4.62	25.91	46.00	-20.09	Peak	

Test Mode: UNII-2C/TX A Mode 5700MHz_ Adapter: BYD

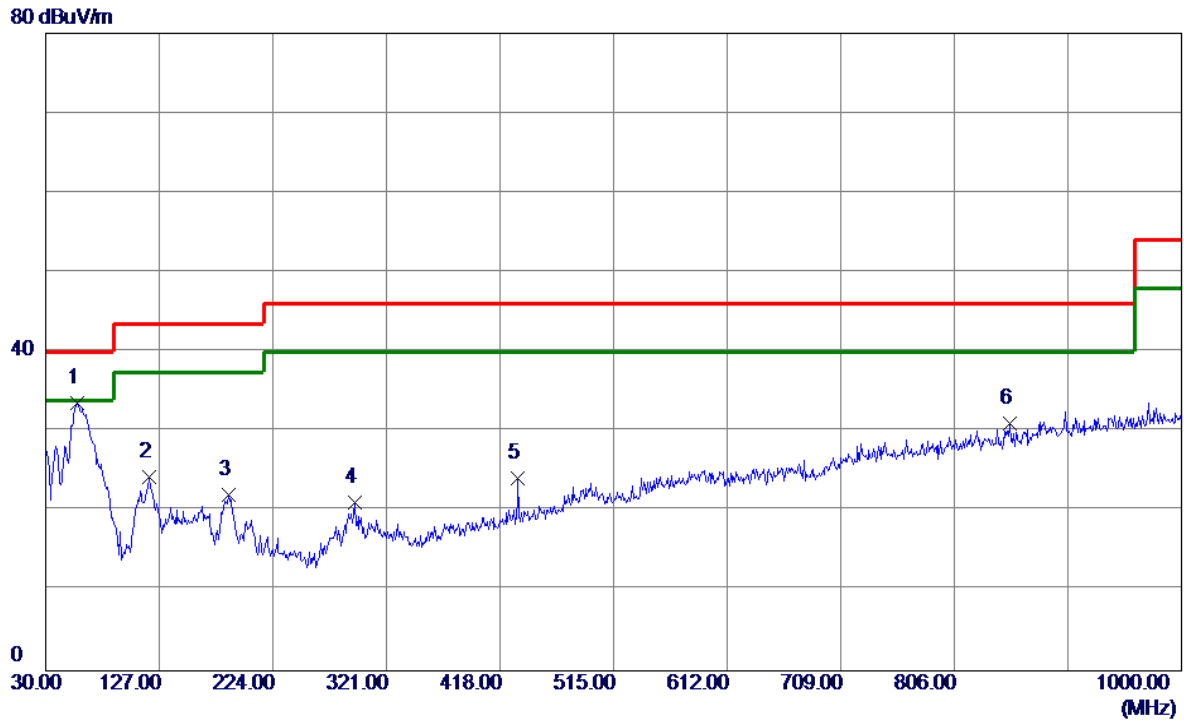
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	77.5300	40.83	-17.67	23.16	40.00	-16.84	Peak	
2	116.3300	37.50	-15.69	21.81	43.50	-21.69	Peak	
3	165.8000	34.90	-12.58	22.32	43.50	-21.18	Peak	
4	187.1400	35.61	-12.61	23.00	43.50	-20.50	Peak	
5	322.9400	36.67	-12.43	24.24	46.00	-21.76	Peak	
6	433.5200	35.42	-10.41	25.01	46.00	-20.99	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz_ Adapter: BYD

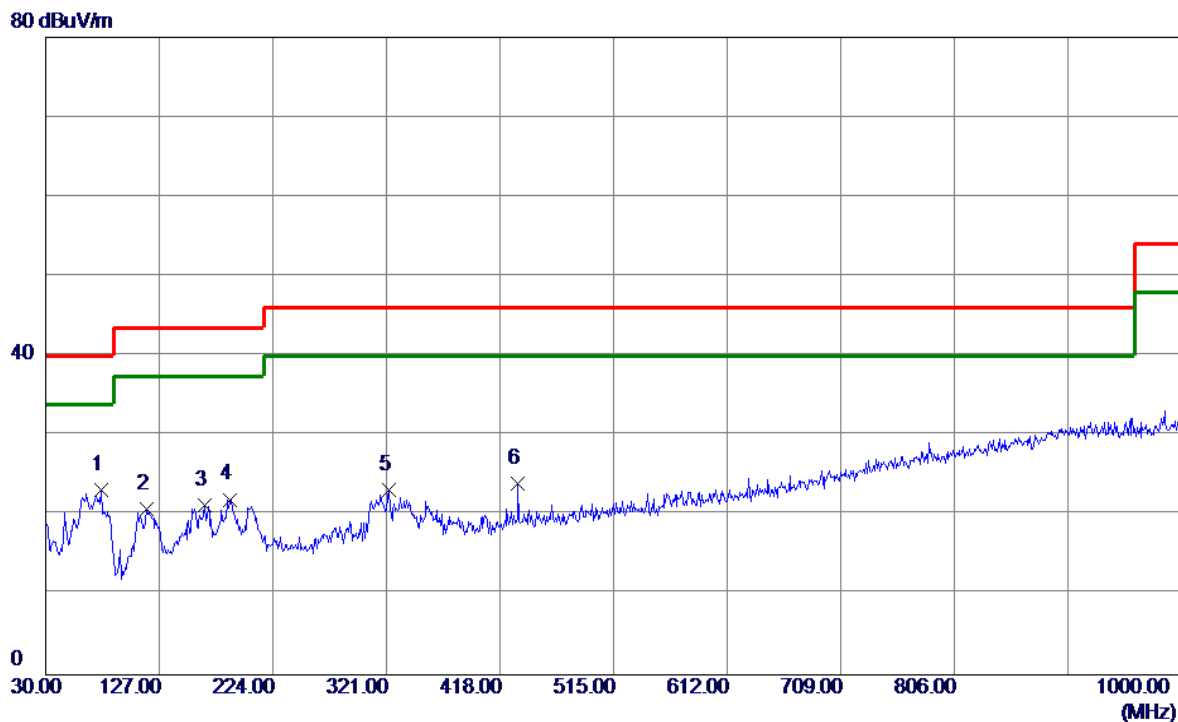
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	47.70	-14.04	33.66	40.00	-6.34	Peak	
2	118.2700	39.83	-15.53	24.30	43.50	-19.20	Peak	
3	186.1700	34.66	-12.54	22.12	43.50	-21.38	Peak	
4	293.8400	34.85	-13.67	21.18	46.00	-24.82	Peak	
5	433.5200	34.52	-10.41	24.11	46.00	-21.89	Peak	
6	853.5300	30.91	0.07	30.98	46.00	-15.02	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz_ Adapter: BYD

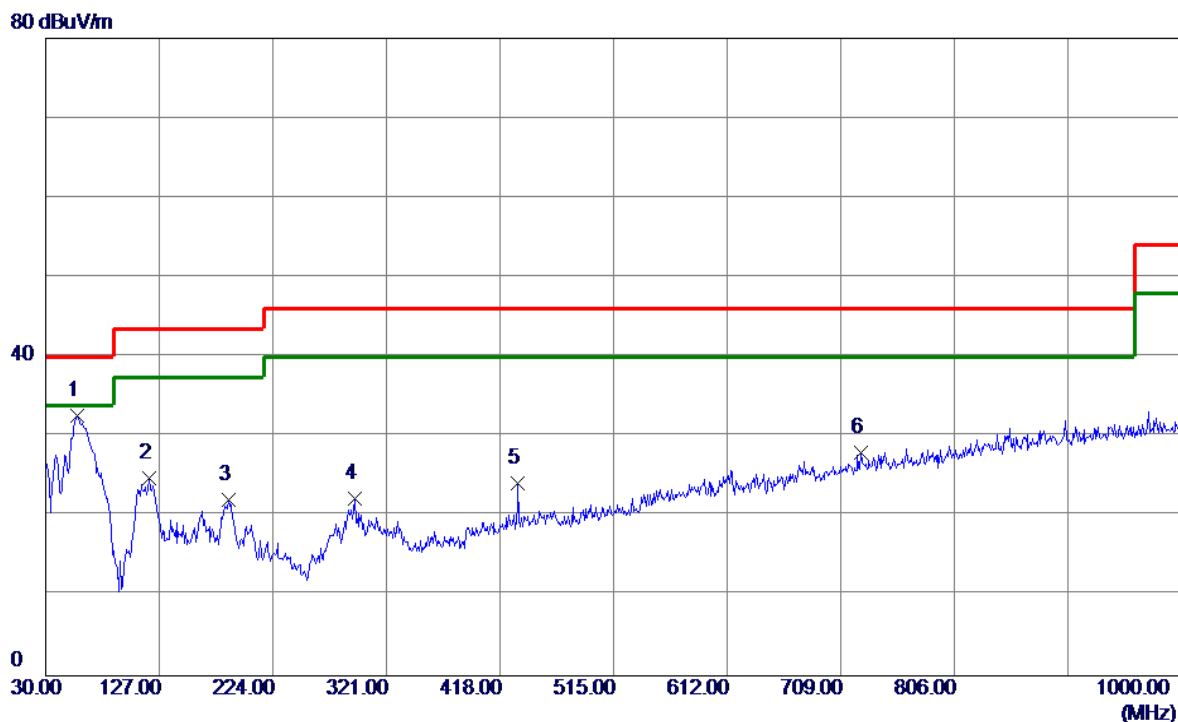
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	77.5300	40.83	-17.67	23.16	40.00	-16.84	Peak	
2	116.3300	36.50	-15.69	20.81	43.50	-22.69	Peak	
3	165.8000	33.90	-12.58	21.32	43.50	-22.18	Peak	
4	187.1400	34.61	-12.61	22.00	43.50	-21.50	Peak	
5	322.9400	35.67	-12.43	23.24	46.00	-22.76	Peak	
6	433.5200	34.42	-10.41	24.01	46.00	-21.99	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz_ Adapter: BYD

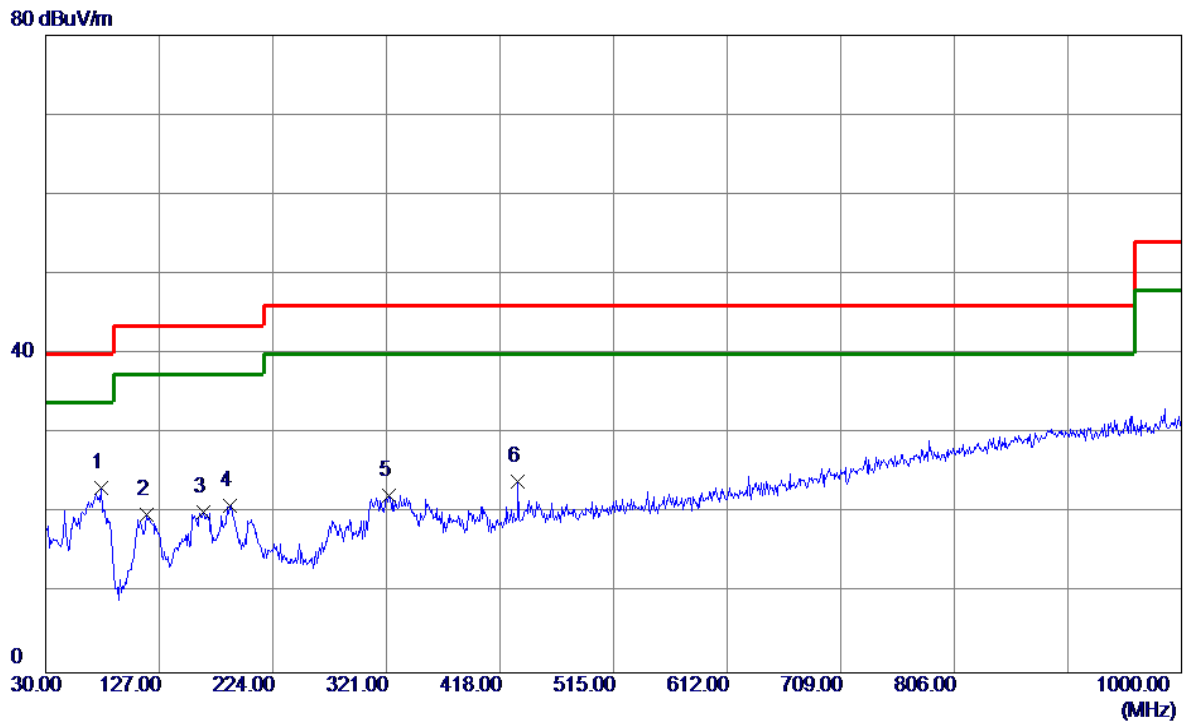
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	46.70	-14.04	32.66	40.00	-7.34	Peak	
2	118.2700	40.33	-15.53	24.80	43.50	-18.70	Peak	
3	186.1700	34.66	-12.54	22.12	43.50	-21.38	Peak	
4	293.8400	35.85	-13.67	22.18	46.00	-23.82	Peak	
5	433.5200	34.52	-10.41	24.11	46.00	-21.89	Peak	
6	726.4600	31.19	-3.15	28.04	46.00	-17.96	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz_ Adapter: BYD

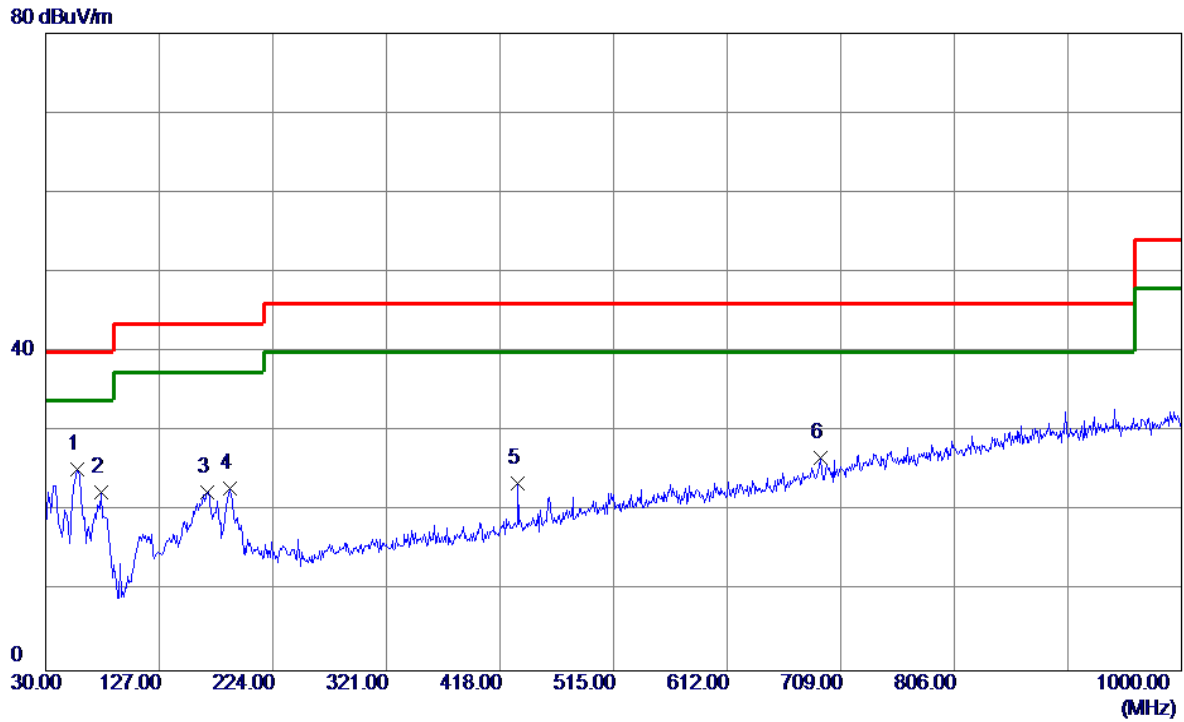
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	77.5300	40.83	-17.67	23.16	40.00	-16.84	Peak	
2	116.3300	35.50	-15.69	19.81	43.50	-23.69	Peak	
3	164.8300	32.78	-12.64	20.14	43.50	-23.36	Peak	
4	187.1400	33.61	-12.61	21.00	43.50	-22.50	Peak	
5	322.9400	34.67	-12.43	22.24	46.00	-23.76	Peak	
6	433.5200	34.42	-10.41	24.01	46.00	-21.99	Peak	

Test Mode: UNII-1/TX A Mode 5180MHz_ Adapter: Salcomp

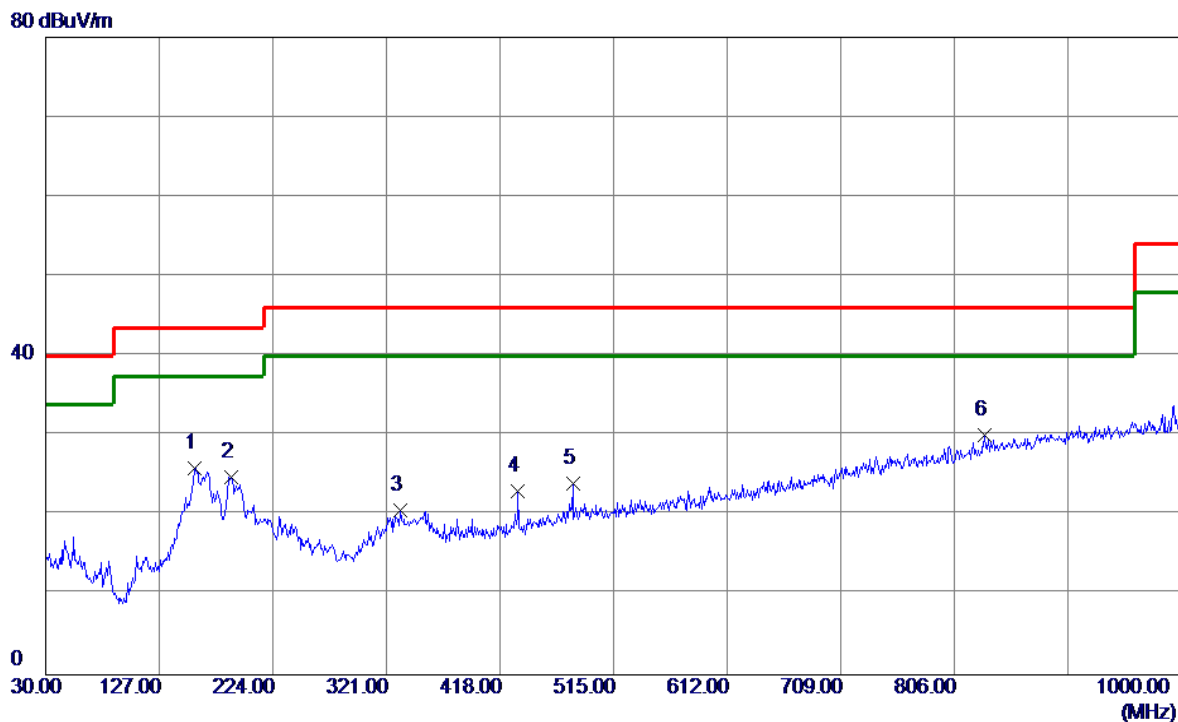
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	39.39	-14.04	25.35	40.00	-14.65	Peak	
2	77.5300	40.08	-17.67	22.41	40.00	-17.59	Peak	
3	167.7400	34.91	-12.47	22.44	43.50	-21.06	Peak	
4	187.1400	35.43	-12.61	22.82	43.50	-20.68	Peak	
5	433.5200	33.95	-10.41	23.54	46.00	-22.46	Peak	
6	691.5400	30.85	-4.20	26.65	46.00	-19.35	Peak	

Test Mode: UNII-1/TX A Mode 5180MHz_ Adapter: Salcomp

Horizontal

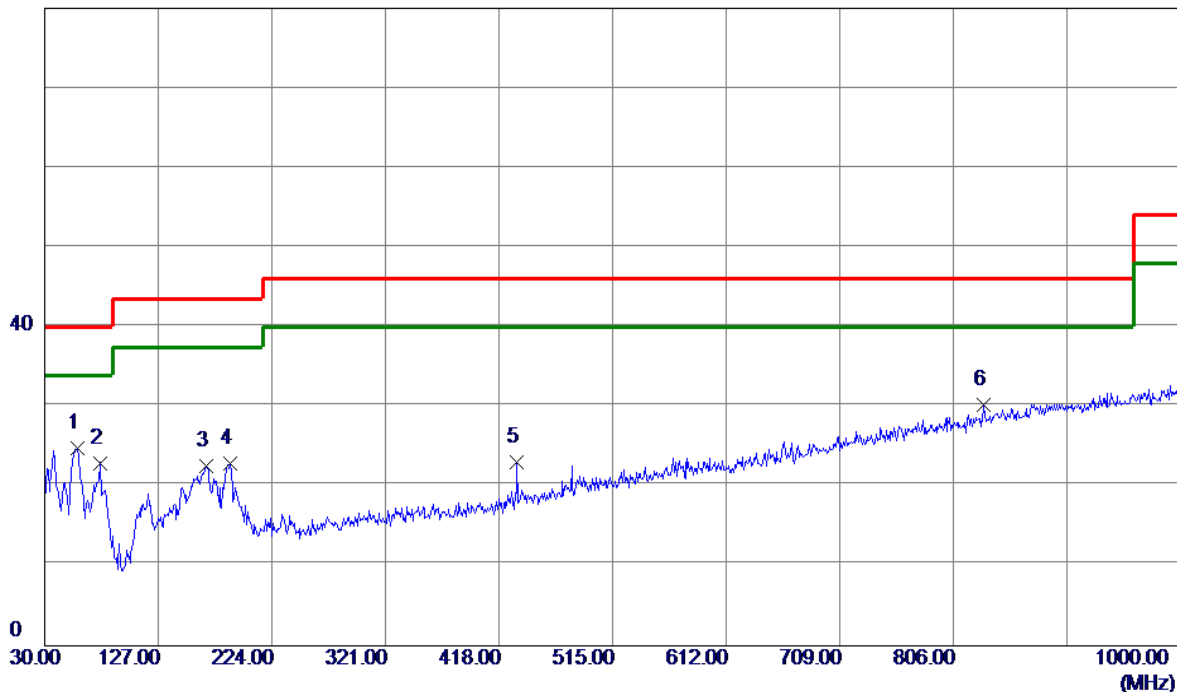


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	38.99	-13.10	25.89	43.50	-17.61	Peak	
2	188.1100	37.52	-12.69	24.83	43.50	-18.67	Peak	
3	332.6400	32.91	-12.26	20.65	46.00	-25.35	Peak	
4	433.5200	33.45	-10.41	23.04	46.00	-22.96	Peak	
5	480.0800	33.24	-9.21	24.03	46.00	-21.97	Peak	
6 *	832.1900	30.63	-0.48	30.15	46.00	-15.85	Peak	

Test Mode: UNII-1/TX A Mode 5240MHz_ Adapter: Salcomp

Vertical

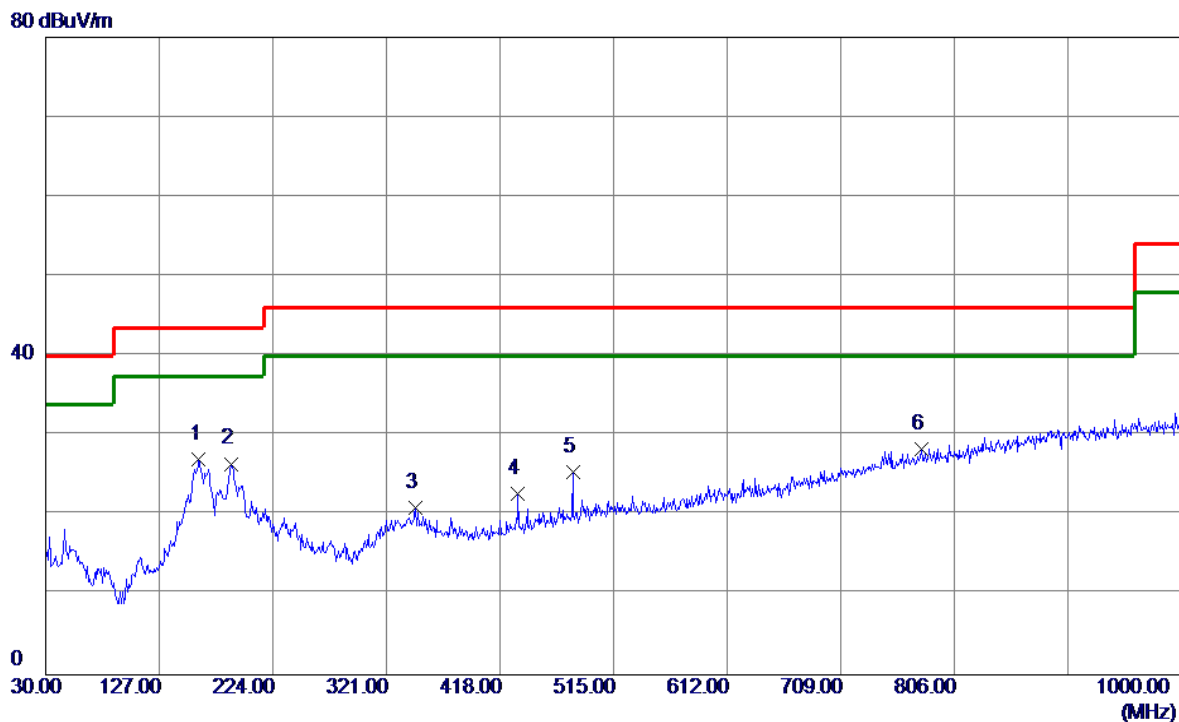
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	58.1300	38.98	-14.13	24.85	40.00	-15.15	Peak	
2	77.5300	40.63	-17.67	22.96	40.00	-17.04	Peak	
3	167.7400	34.99	-12.47	22.52	43.50	-20.98	Peak	
4	188.1100	35.60	-12.69	22.91	43.50	-20.59	Peak	
5	433.5200	33.48	-10.41	23.07	46.00	-22.93	Peak	
6	832.1900	30.70	-0.48	30.22	46.00	-15.78	Peak	

Test Mode: UNII-1/TX A Mode 5240MHz_ Adapter: Salcomp

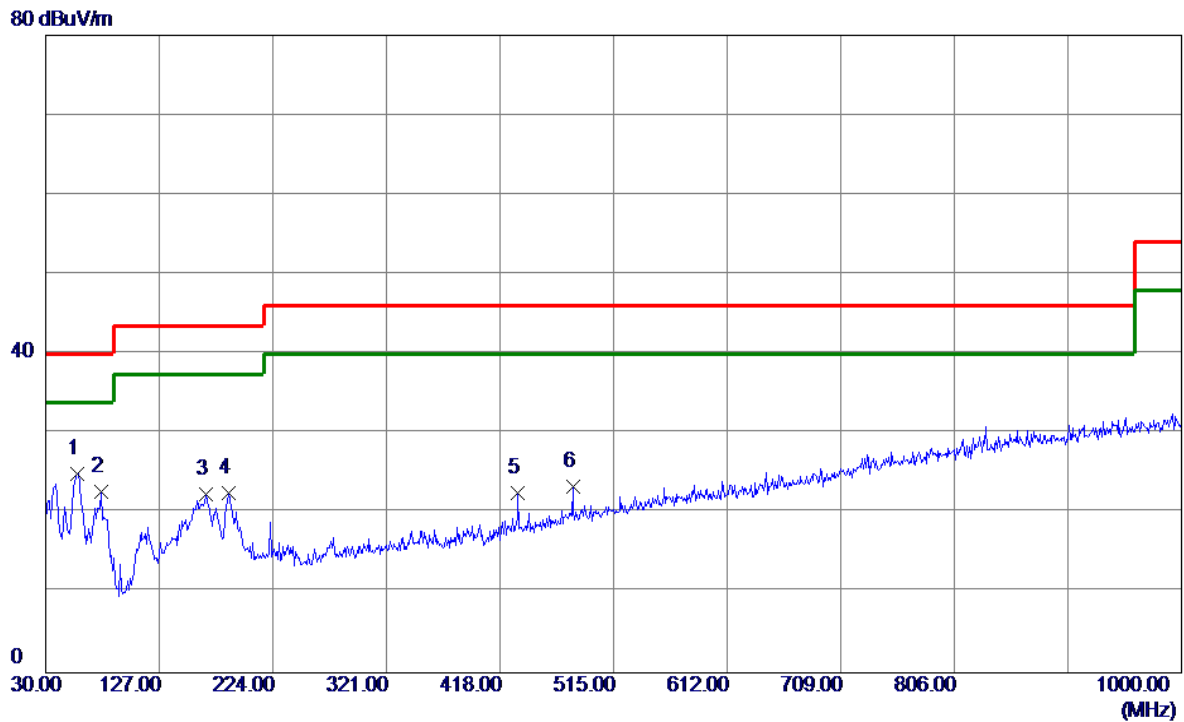
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	160.9500	39.96	-12.87	27.09	43.50	-16.41	Peak	
2	188.1100	39.17	-12.69	26.48	43.50	-17.02	Peak	
3	346.2200	32.91	-12.02	20.89	46.00	-25.11	Peak	
4	433.5200	33.09	-10.41	22.68	46.00	-23.32	Peak	
5	480.0800	34.62	-9.21	25.41	46.00	-20.59	Peak	
6	777.8700	30.13	-1.84	28.29	46.00	-17.71	Peak	

Test Mode: UNII-2A/TX A Mode 5260MHz_ Adapter: Salcomp

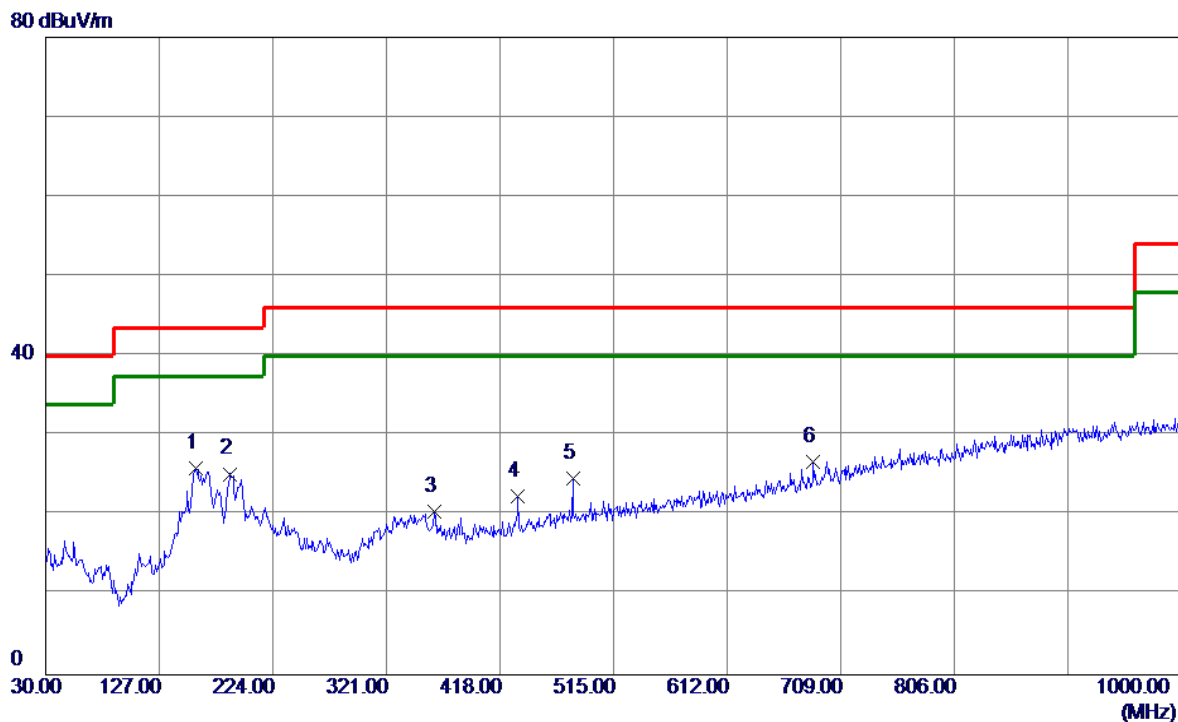
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.1600	39.04	-14.04	25.00	40.00	-15.00	Peak	
2	77.5300	40.42	-17.67	22.75	40.00	-17.25	Peak	
3	166.7700	34.97	-12.53	22.44	43.50	-21.06	Peak	
4	186.1700	35.14	-12.54	22.60	43.50	-20.90	Peak	
5	433.5200	32.94	-10.41	22.53	46.00	-23.47	Peak	
6	480.0800	32.64	-9.21	23.43	46.00	-22.57	Peak	

Test Mode: UNII-2A/TX A Mode 5260MHz_ Adapter: Salcomp

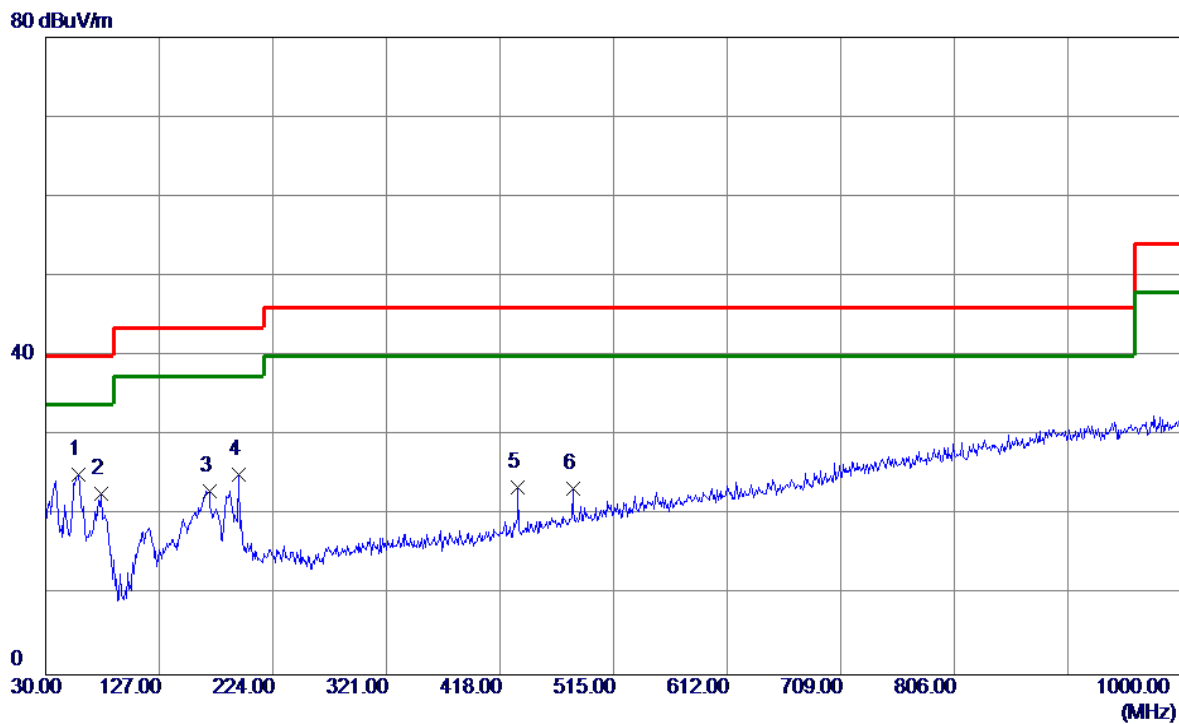
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	158.0399	38.92	-13.05	25.87	43.50	-17.63	Peak	
2	187.1400	37.81	-12.61	25.20	43.50	-18.30	Peak	
3	361.7400	32.24	-11.82	20.42	46.00	-25.58	Peak	
4	433.5200	32.77	-10.41	22.36	46.00	-23.64	Peak	
5	480.0800	33.88	-9.21	24.67	46.00	-21.33	Peak	
6	685.7199	31.08	-4.38	26.70	46.00	-19.30	Peak	

Test Mode: UNII-2A/TX A Mode 5320MHz_ Adapter: Salcomp

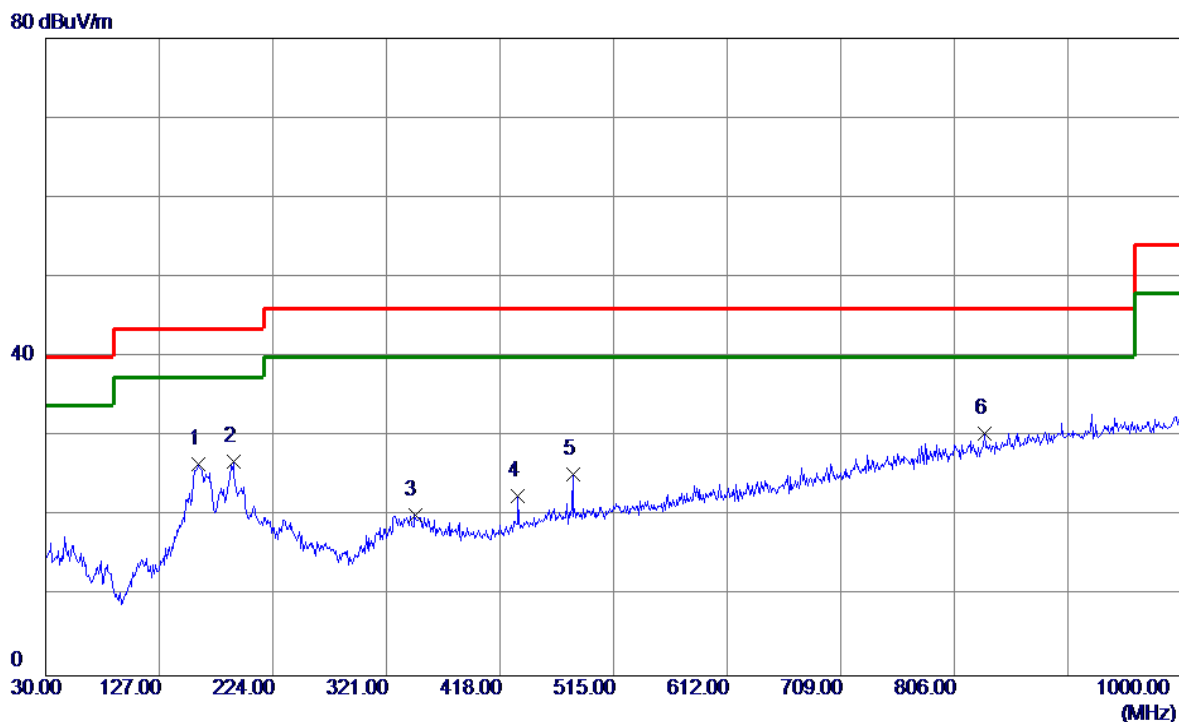
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	58.1300	39.29	-14.13	25.16	40.00	-14.84	Peak	
2	77.5300	40.38	-17.67	22.71	40.00	-17.29	Peak	
3	169.6799	35.40	-12.35	23.05	43.50	-20.45	Peak	
4	194.9000	38.47	-13.29	25.18	43.50	-18.32	Peak	
5	433.5200	33.95	-10.41	23.54	46.00	-22.46	Peak	
6	480.0800	32.60	-9.21	23.39	46.00	-22.61	Peak	

Test Mode: UNII-2A/TX A Mode 5320MHz_ Adapter: Salcomp

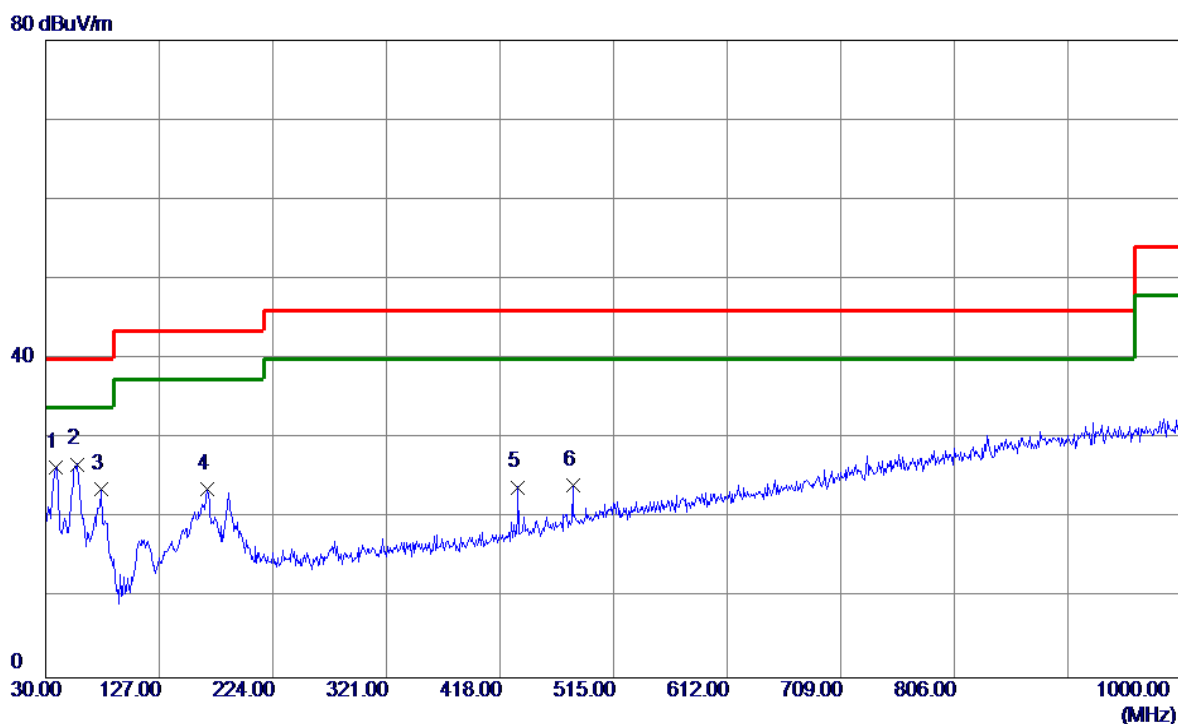
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	159.9800	39.56	-12.93	26.63	43.50	-16.87	Peak	
2	190.0500	39.70	-12.85	26.85	43.50	-16.65	Peak	
3	345.2500	32.22	-12.04	20.18	46.00	-25.82	Peak	
4	433.5200	33.00	-10.41	22.59	46.00	-23.41	Peak	
5	480.0800	34.42	-9.21	25.21	46.00	-20.79	Peak	
6 *	832.1900	30.86	-0.48	30.38	46.00	-15.62	Peak	

Test Mode: UNII-2C/TX A Mode 5500MHz_ Adapter: Salcomp

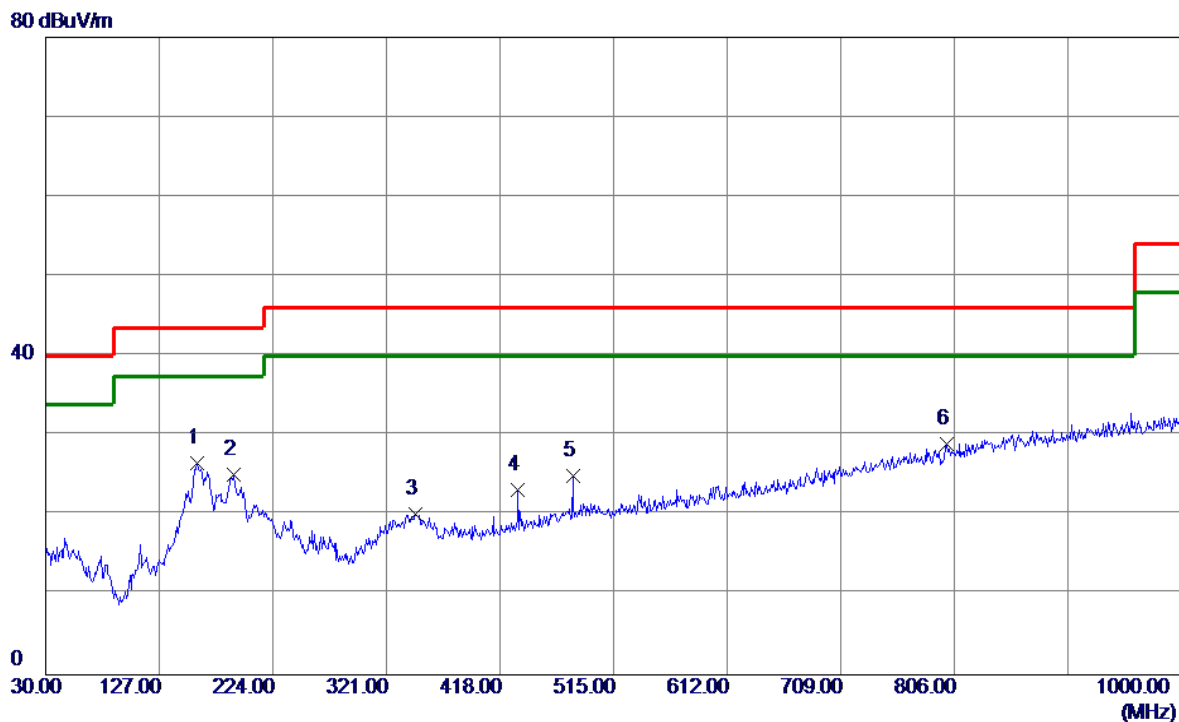
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	38.7300	40.62	-14.16	26.46	40.00	-13.54	Peak	
2 *	57.1600	40.84	-14.04	26.80	40.00	-13.20	Peak	
3	77.5300	41.42	-17.67	23.75	40.00	-16.25	Peak	
4	167.7400	36.21	-12.47	23.74	43.50	-19.76	Peak	
5	433.5200	34.33	-10.41	23.92	46.00	-22.08	Peak	
6	480.0800	33.32	-9.21	24.11	46.00	-21.89	Peak	

Test Mode: UNII-2C/TX A Mode 5500MHz_ Adapter: Salcomp

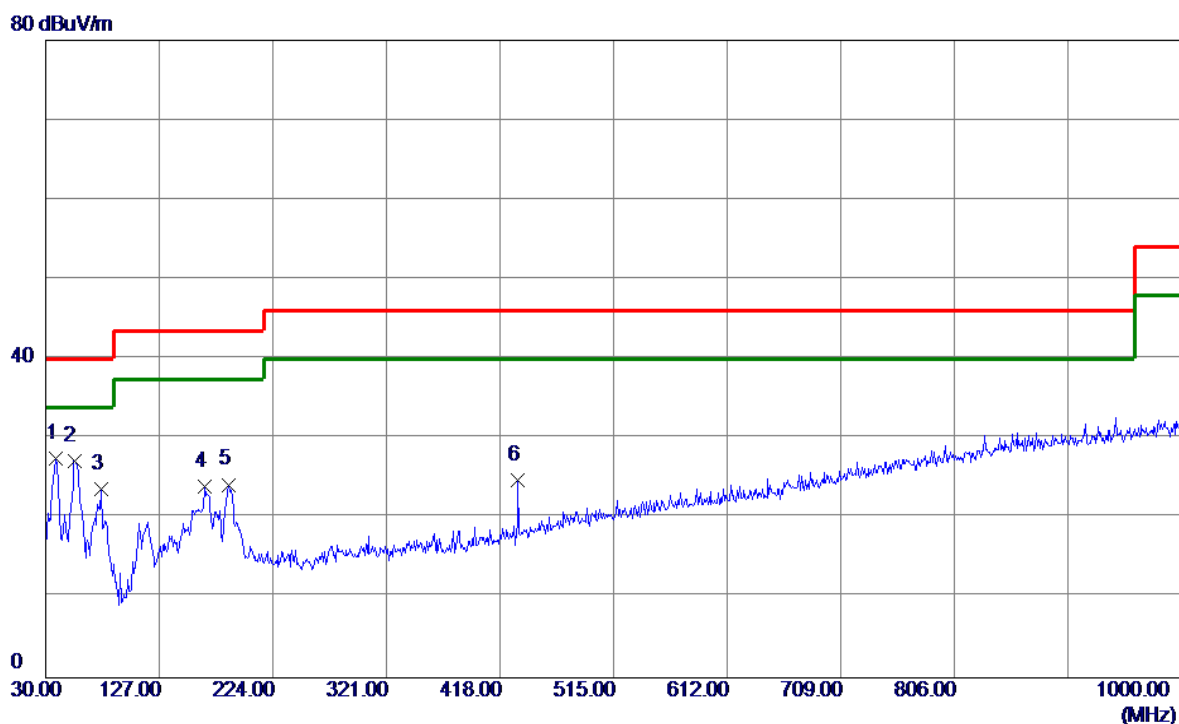
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	159.0100	39.51	-12.99	26.52	43.50	-16.98	Peak	
2	191.0200	38.07	-12.94	25.13	43.50	-18.37	Peak	
3	346.2200	32.22	-12.02	20.20	46.00	-25.80	Peak	
4	433.5200	33.54	-10.41	23.13	46.00	-22.87	Peak	
5	480.0800	34.21	-9.21	25.00	46.00	-21.00	Peak	
6	799.2100	30.35	-1.38	28.97	46.00	-17.03	Peak	

Test Mode: UNII-2C/TX A Mode 5700MHz_ Adapter: Salcomp

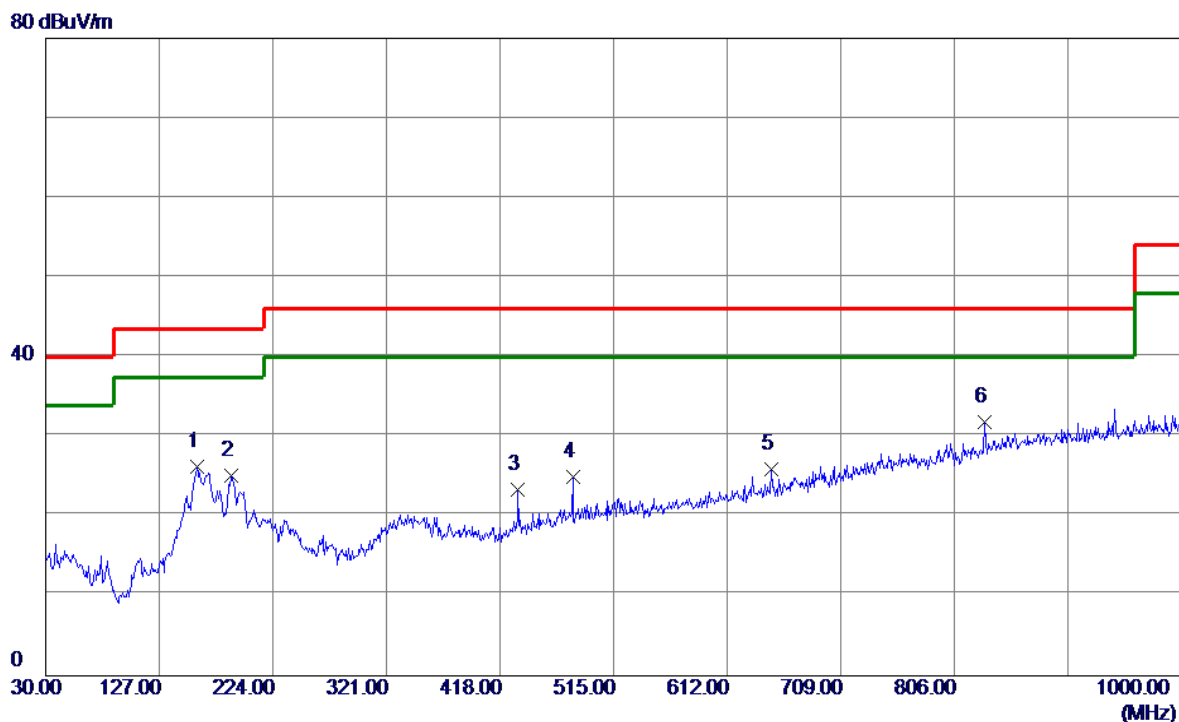
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	38.7300	41.72	-14.16	27.56	40.00	-12.44	Peak	
2	54.2500	41.18	-13.95	27.23	40.00	-12.77	Peak	
3	77.5300	41.35	-17.67	23.68	40.00	-16.32	Peak	
4	165.8000	36.54	-12.58	23.96	43.50	-19.54	Peak	
5	186.1700	36.78	-12.54	24.24	43.50	-19.26	Peak	
6	433.5200	35.23	-10.41	24.82	46.00	-21.18	Peak	

Test Mode: UNII-2C/TX A Mode 5700MHz_ Adapter: Salcomp

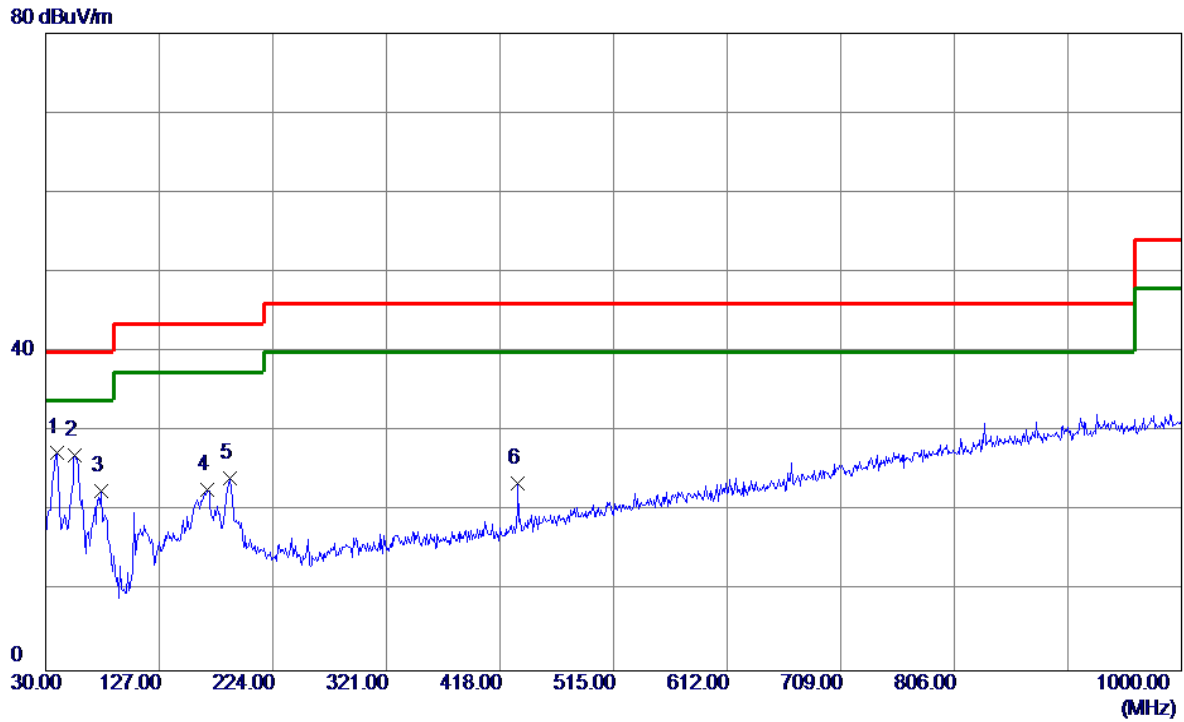
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	159.0100	39.16	-12.99	26.17	43.50	-17.33	Peak	
2	188.1100	37.87	-12.69	25.18	43.50	-18.32	Peak	
3	433.5200	33.82	-10.41	23.41	46.00	-22.59	Peak	
4	480.0800	34.17	-9.21	24.96	46.00	-21.04	Peak	
5	649.8300	31.33	-5.48	25.85	46.00	-20.15	Peak	
6 *	832.1900	32.35	-0.48	31.87	46.00	-14.13	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz_ Adapter: Salcomp

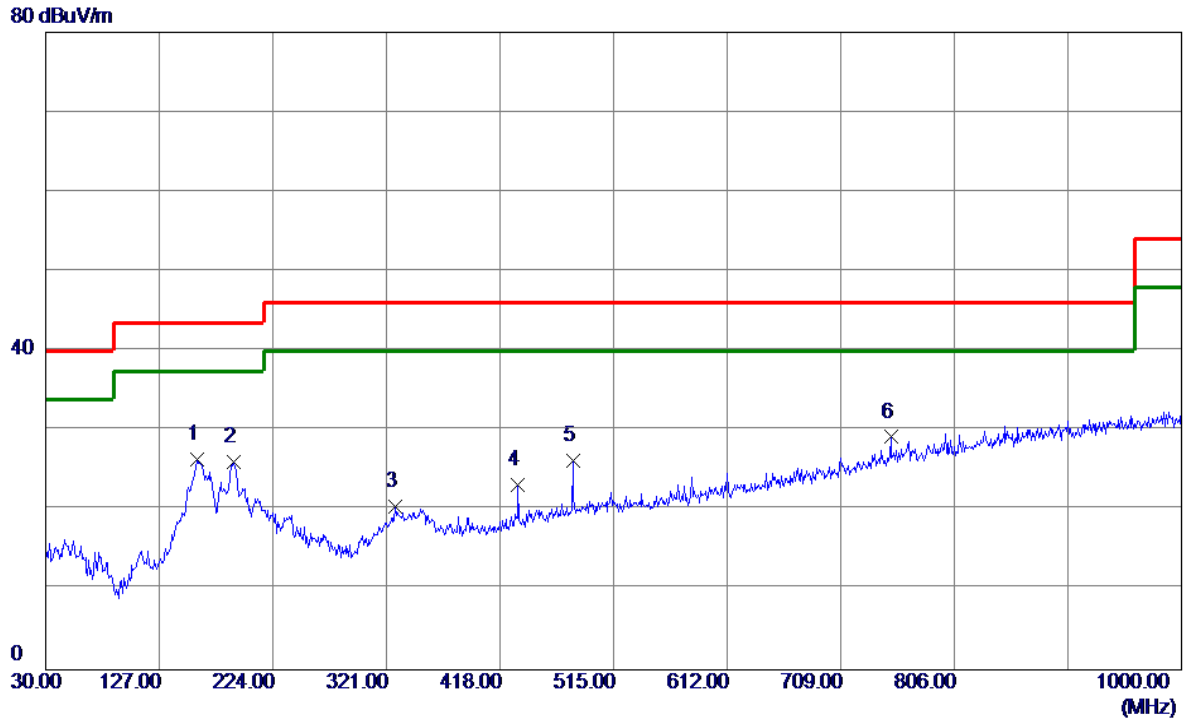
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	39.7000	41.32	-14.00	27.32	40.00	-12.68	Peak	
2	55.2200	41.05	-13.94	27.11	40.00	-12.89	Peak	
3	77.5300	40.24	-17.67	22.57	40.00	-17.43	Peak	
4	167.7400	35.25	-12.47	22.78	43.50	-20.72	Peak	
5	187.1400	36.74	-12.61	24.13	43.50	-19.37	Peak	
6	433.5200	33.89	-10.41	23.48	46.00	-22.52	Peak	

Test Mode: UNII-3/TX A Mode 5745MHz_ Adapter: Salcomp

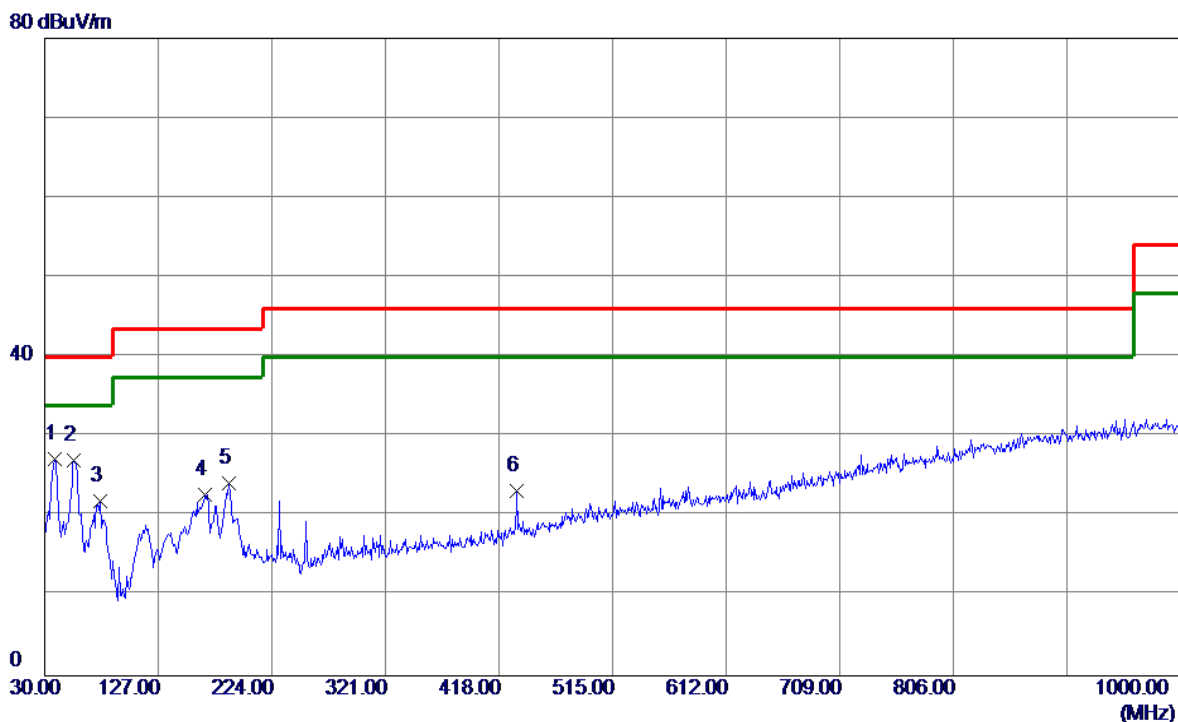
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	159.0100	39.42	-12.99	26.43	43.50	-17.07	Peak	
2	190.0500	38.91	-12.85	26.06	43.50	-17.44	Peak	
3	328.7600	32.74	-12.33	20.41	46.00	-25.59	Peak	
4	433.5200	33.55	-10.41	23.14	46.00	-22.86	Peak	
5	480.0800	35.39	-9.21	26.18	46.00	-19.82	Peak	
6 *	751.6800	31.61	-2.41	29.20	46.00	-16.80	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz_ Adapter: Salcomp

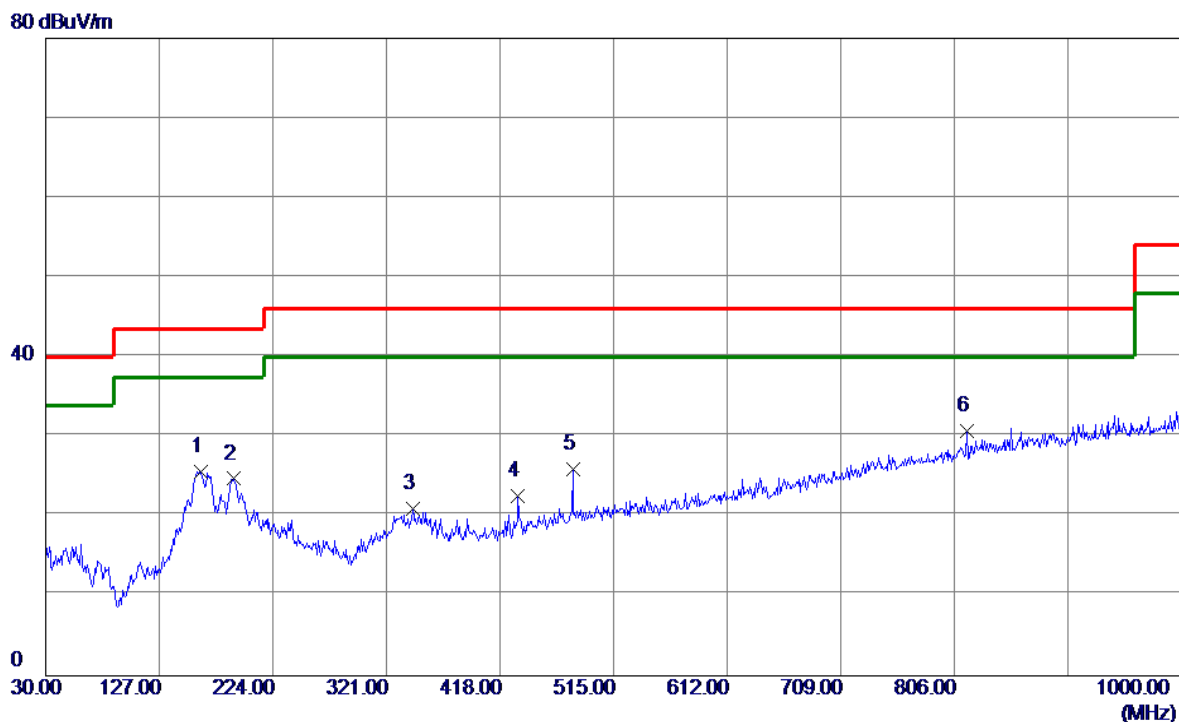
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	38.7300	41.43	-14.16	27.27	40.00	-12.73	Peak	
2	55.2200	41.01	-13.94	27.07	40.00	-12.93	Peak	
3	77.5300	39.59	-17.67	21.92	40.00	-18.08	Peak	
4	166.7700	35.26	-12.53	22.73	43.50	-20.77	Peak	
5	187.1400	36.72	-12.61	24.11	43.50	-19.39	Peak	
6	433.5200	33.66	-10.41	23.25	46.00	-22.75	Peak	

Test Mode: UNII-3/TX A Mode 5825MHz_ Adapter: Salcomp

Horizontal



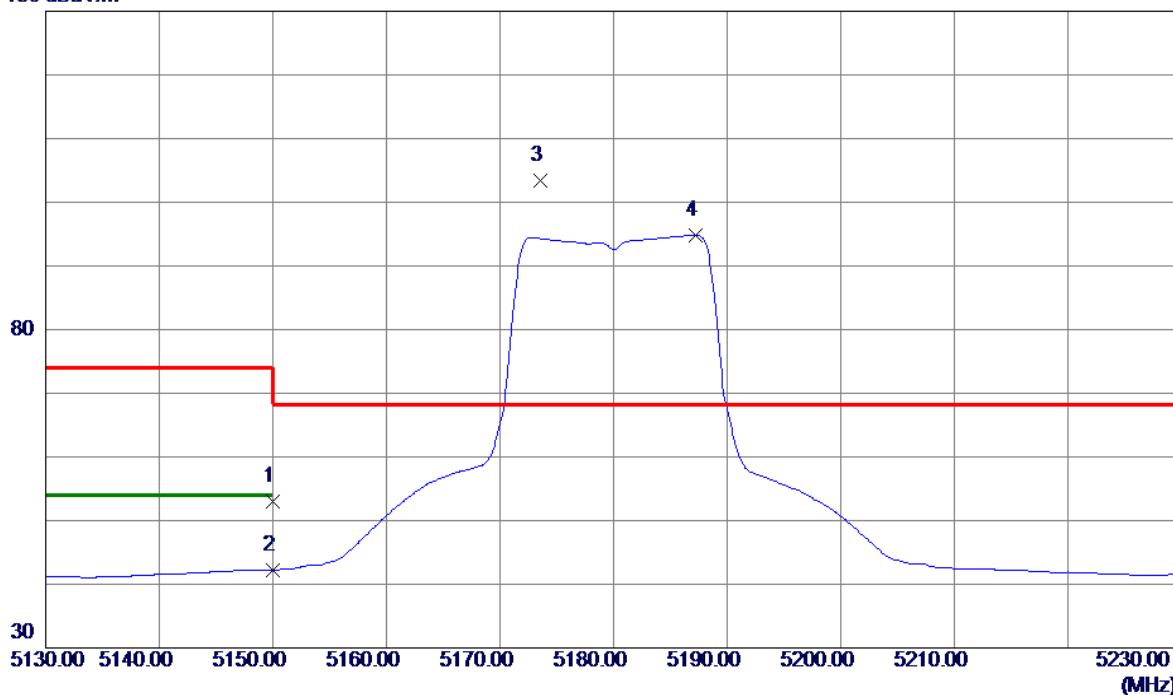
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	162.8900	38.43	-12.76	25.67	43.50	-17.83	Peak	
2	190.0500	37.57	-12.85	24.72	43.50	-18.78	Peak	
3	343.3100	33.01	-12.07	20.94	46.00	-25.06	Peak	
4	433.5200	32.98	-10.41	22.57	46.00	-23.43	Peak	
5	480.0800	35.06	-9.21	25.85	46.00	-20.15	Peak	
6 *	816.6700	31.58	-0.91	30.67	46.00	-15.33	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

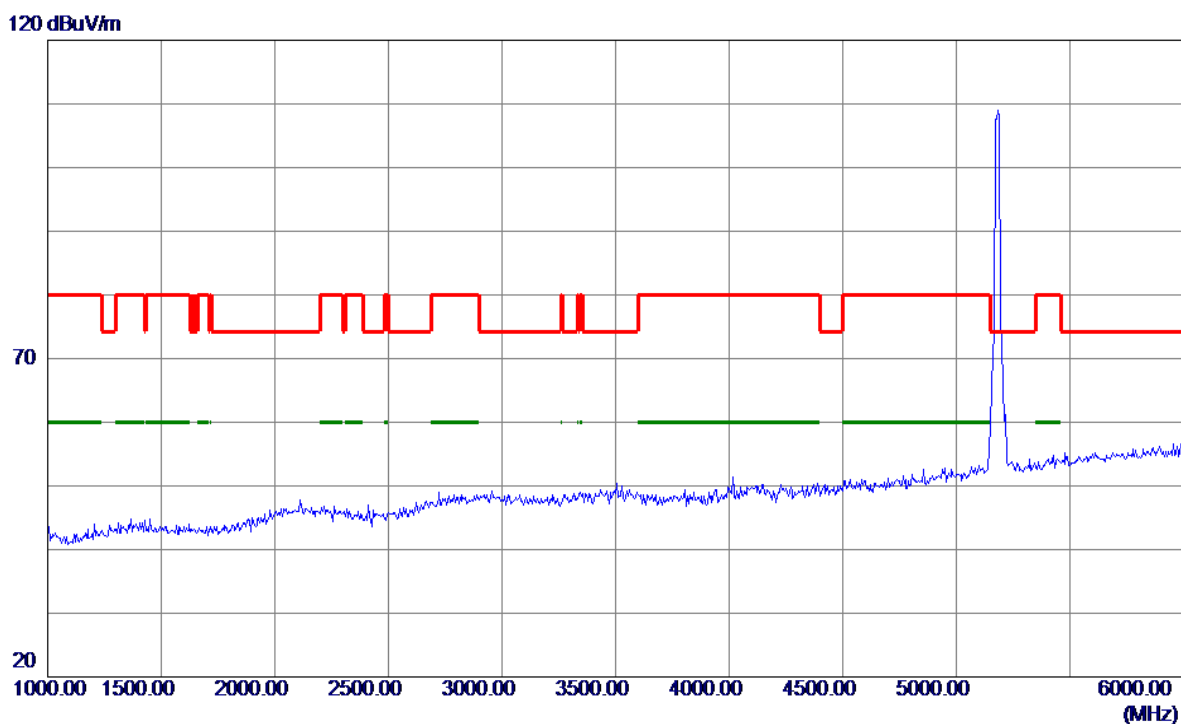
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	11.93	41.10	53.03	74.00	-20.97	Peak	
2	5150.0000	1.16	41.10	42.26	54.00	-11.74	AVG	
3 *	5173.6000	62.22	41.22	103.44	68.30	35.14	Peak	No Limit
4	5187.2000	53.57	41.29	94.86	999.00	-904.14	AVG	No Limit

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

Vertical

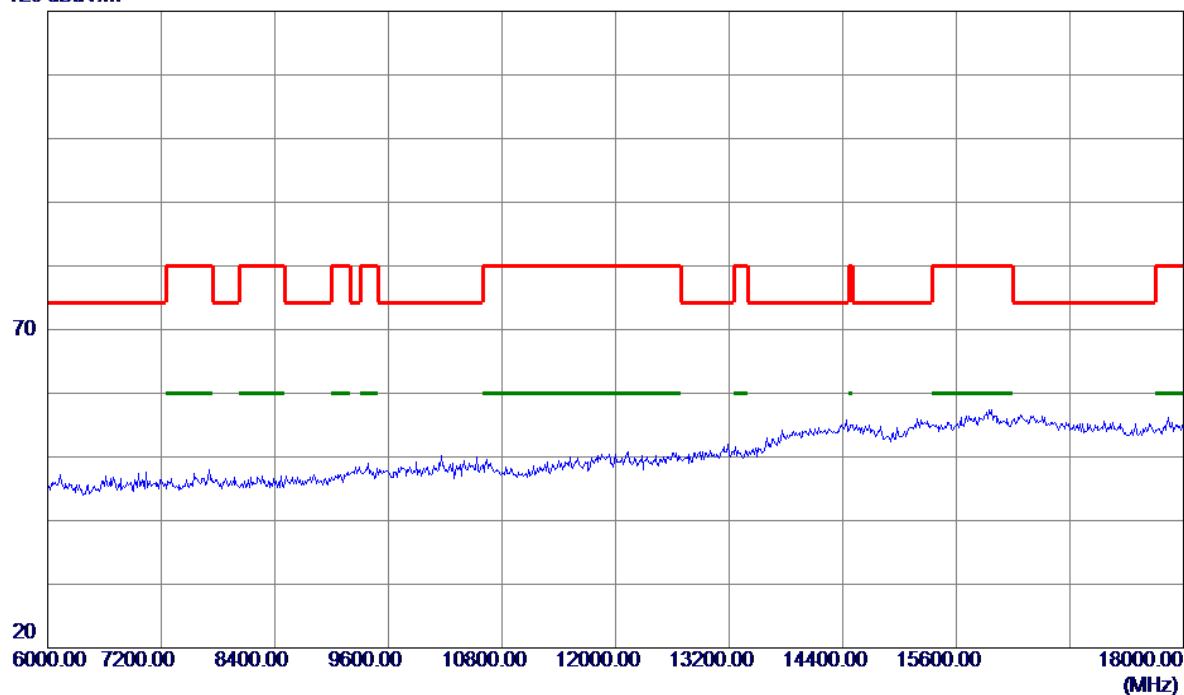


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

120 dBuV/m

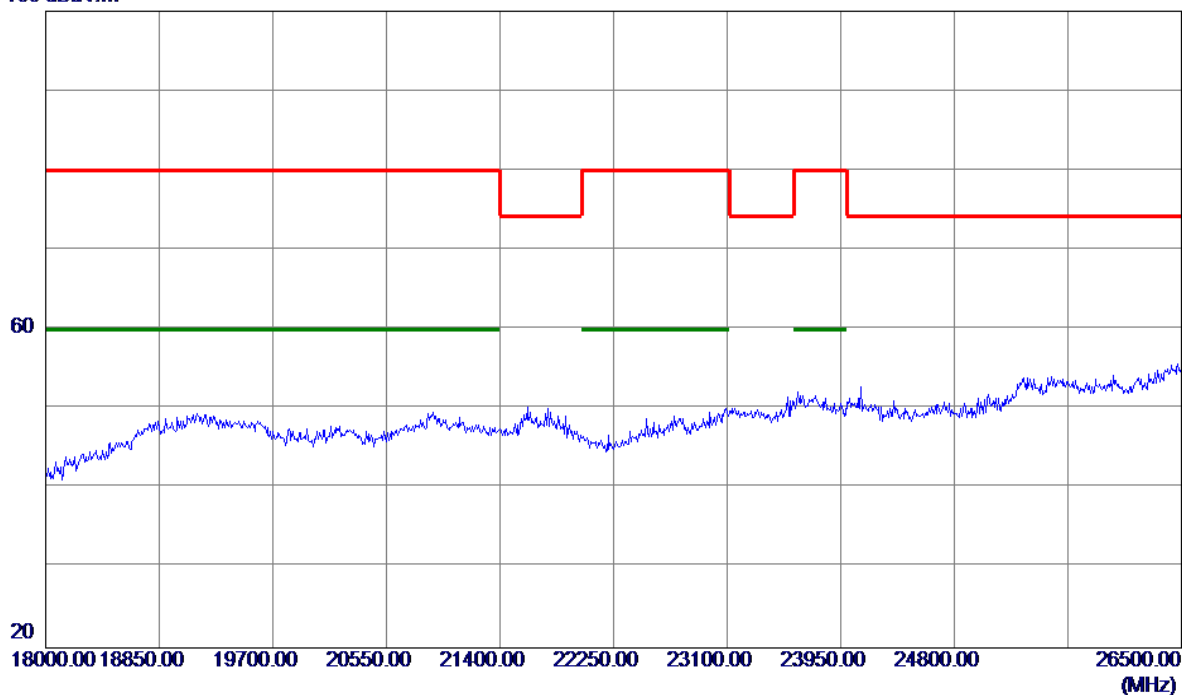


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

Vertical

100 dBuV/m

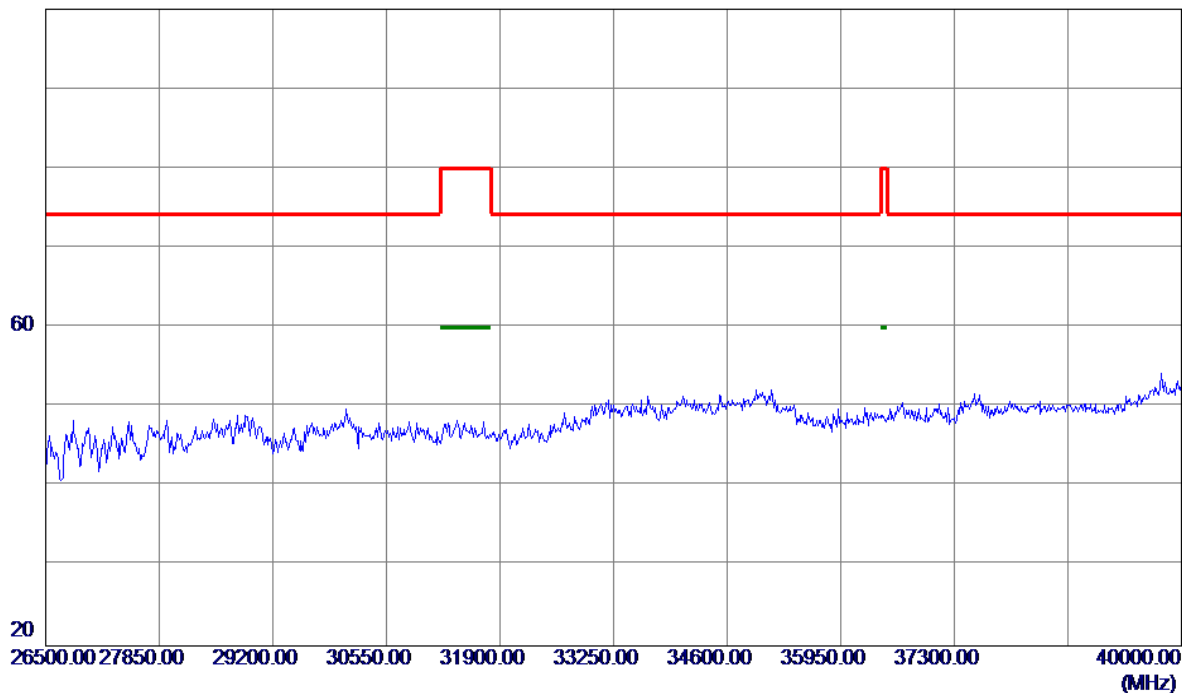


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

100 dBuV/m

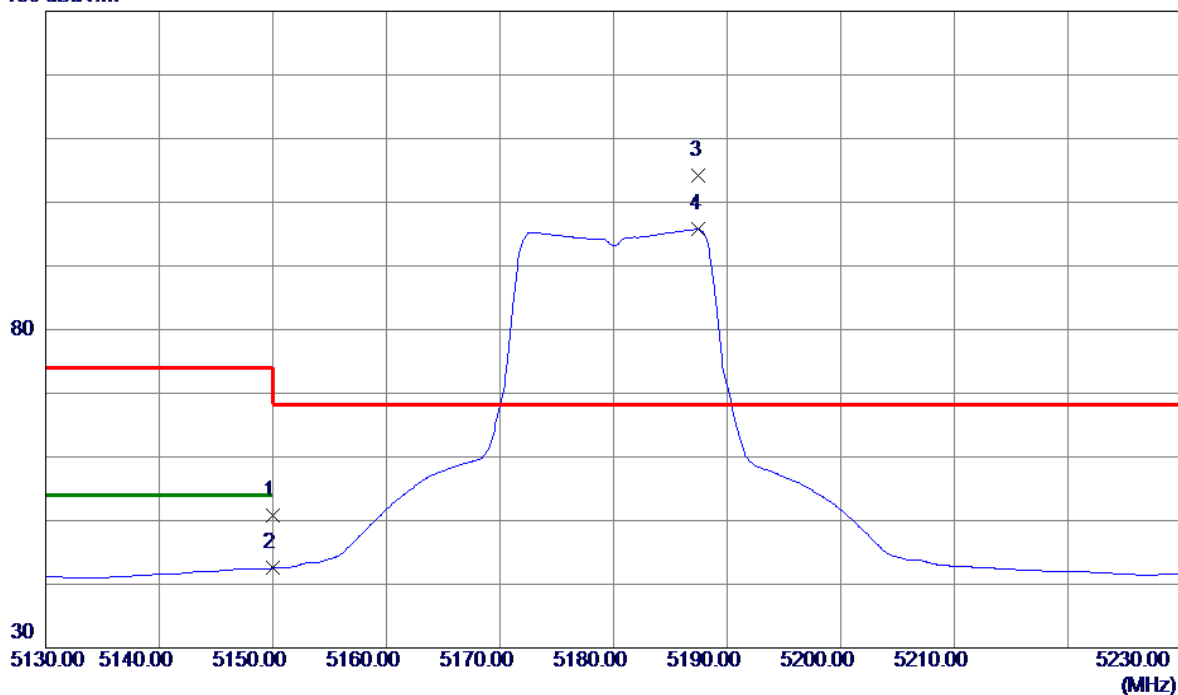


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

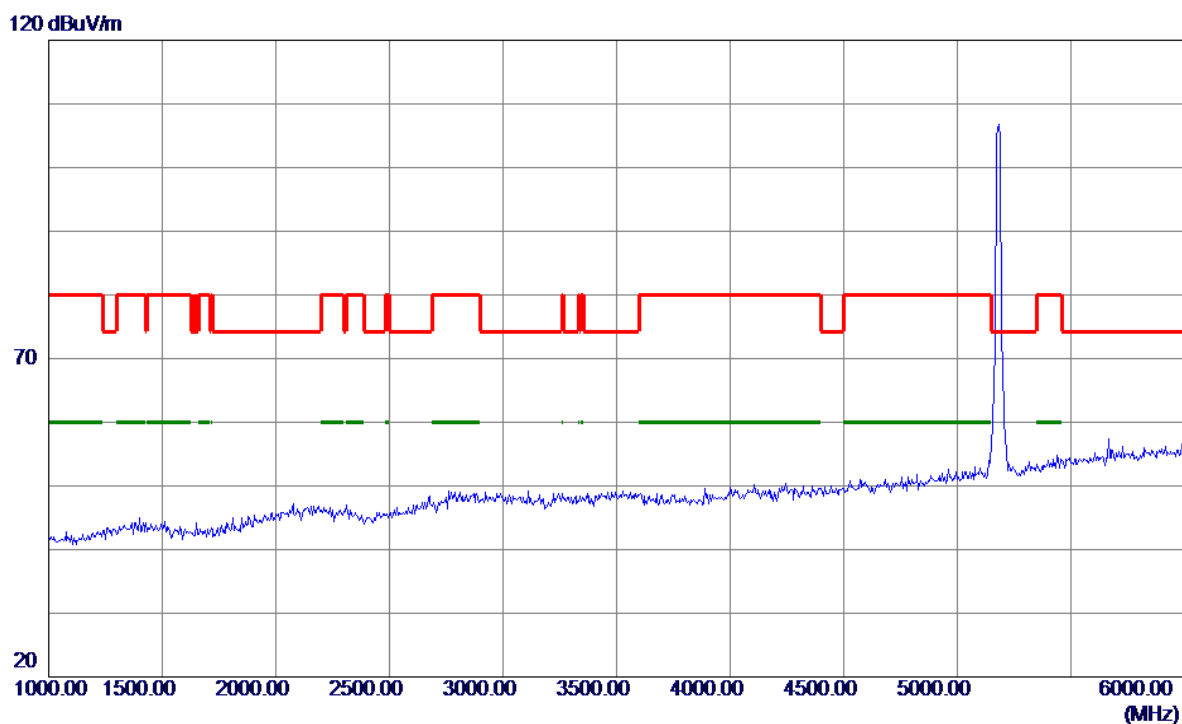
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.71	41.10	50.81	74.00	-23.19	Peak	
2	5150.0000	1.41	41.10	42.51	54.00	-11.49	AVG	
3 *	5187.5000	62.93	41.29	104.22	68.30	35.92	Peak	No Limit
4	5187.5000	54.45	41.29	95.74	999.00	-903.26	AVG	No Limit

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

Horizontal

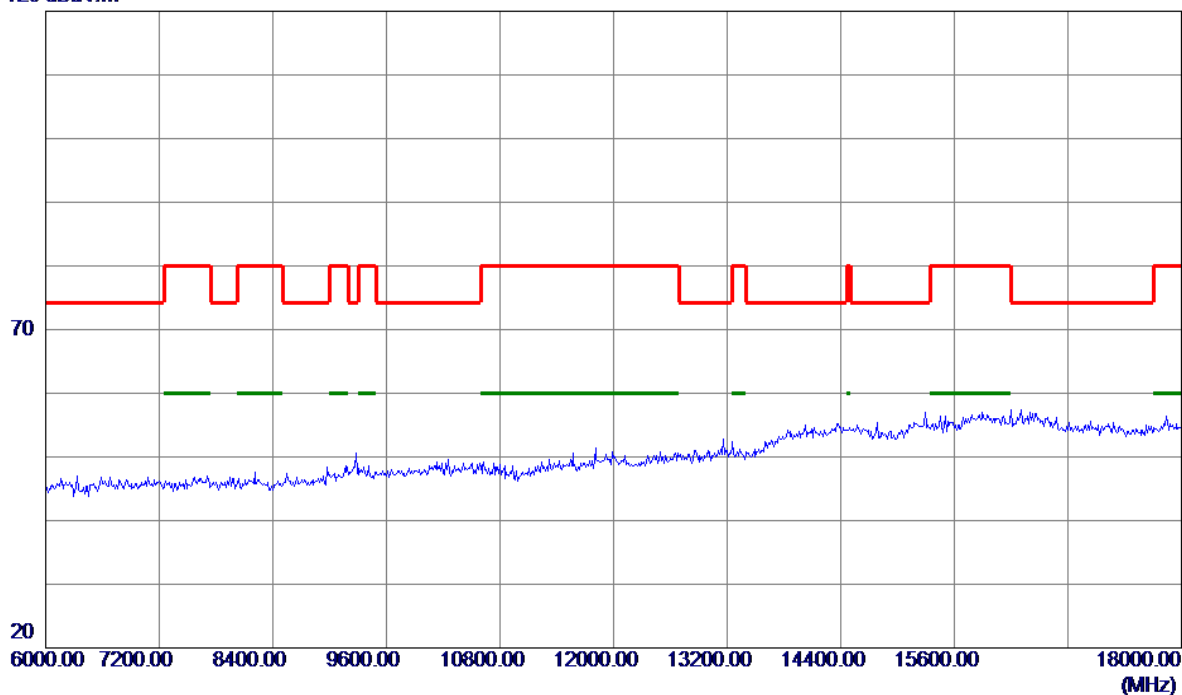


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

120 dBuV/m

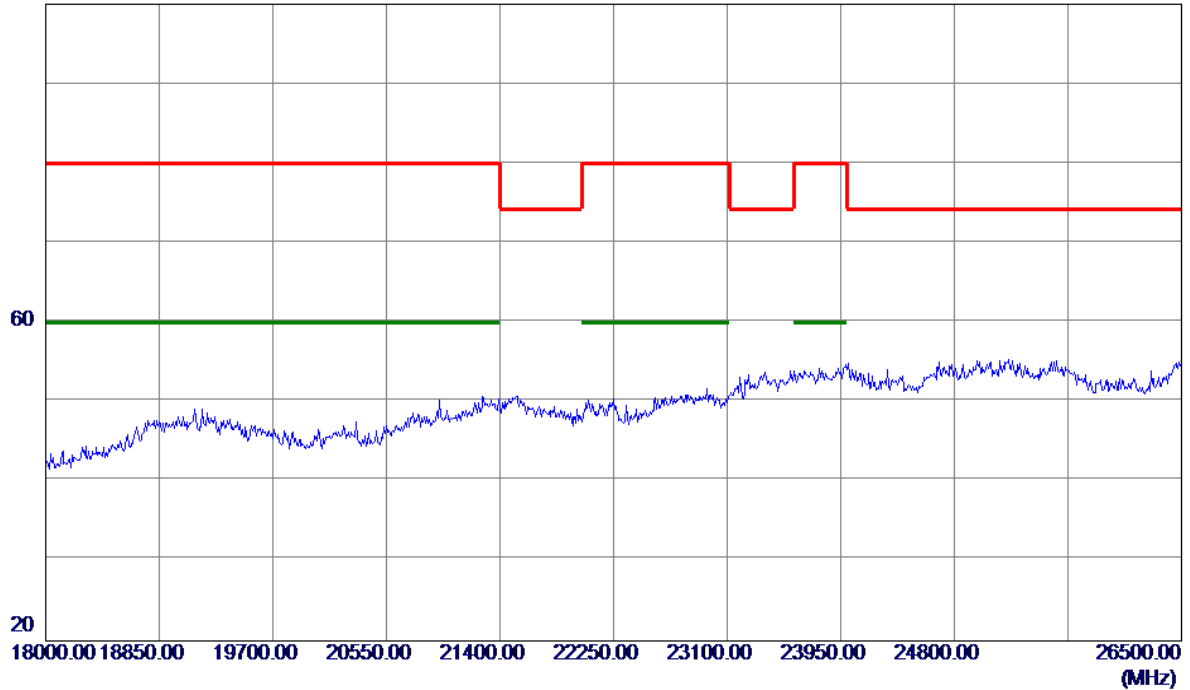


No.	Freq.	Reading	Correct	Measure	Limit	Margin	Detector	Comment
	MHz	Level	Factor	ment				
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

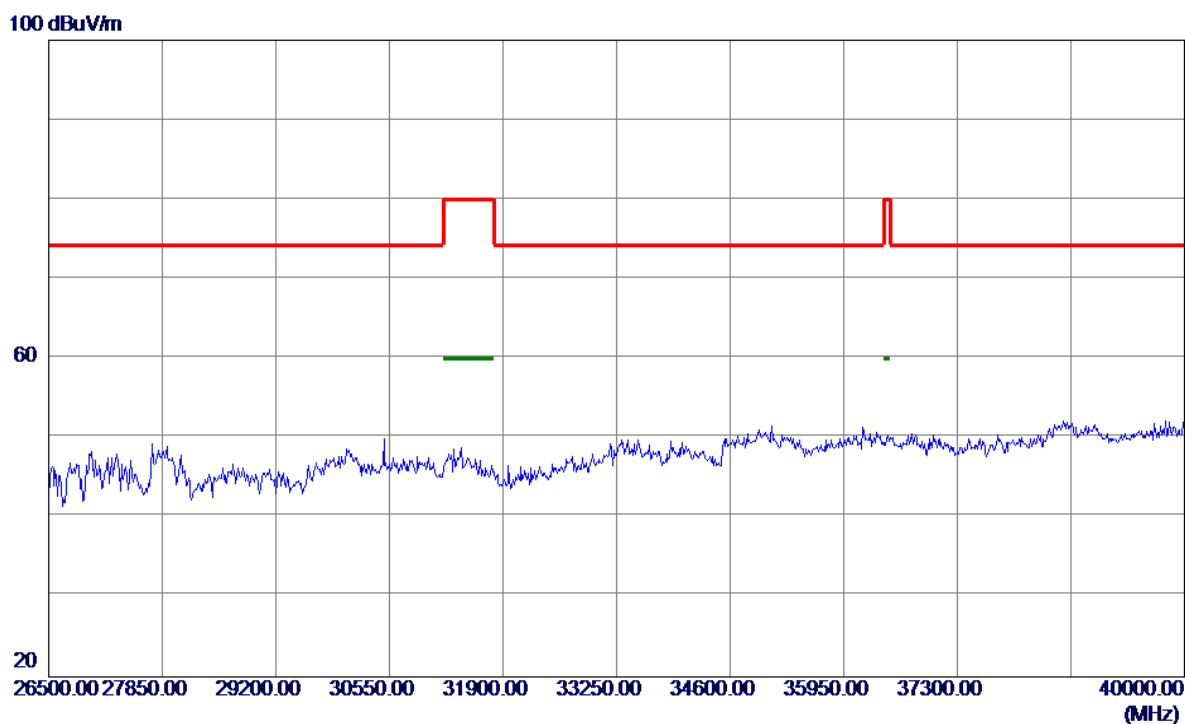
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

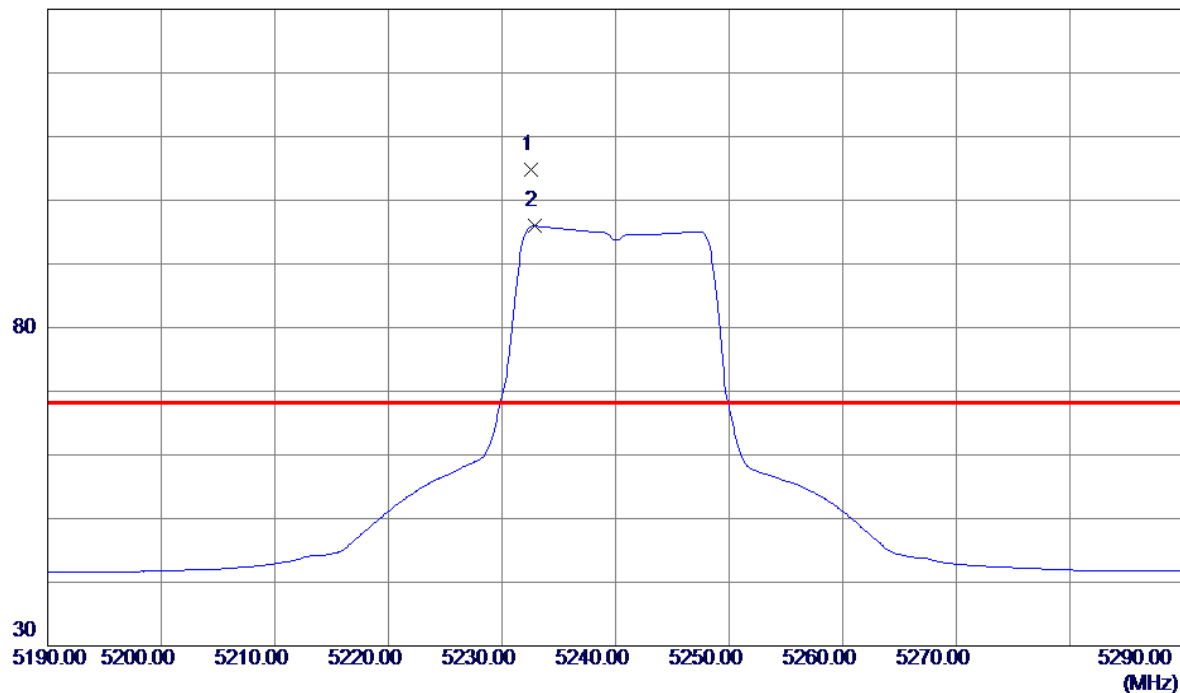


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

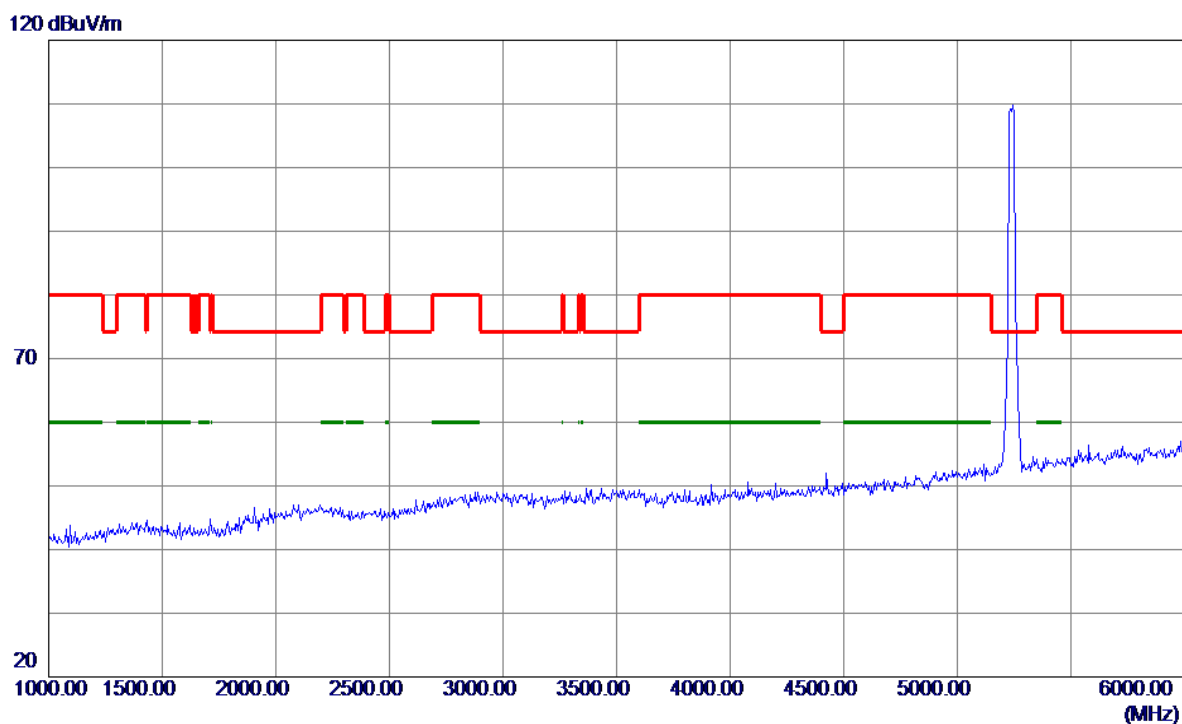
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5232.6000	63.21	41.52	104.73	68.30	36.43	Peak	No Limit
2	5232.9000	54.40	41.52	95.92	999.00	-903.08	AVG	No Limit

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

Vertical

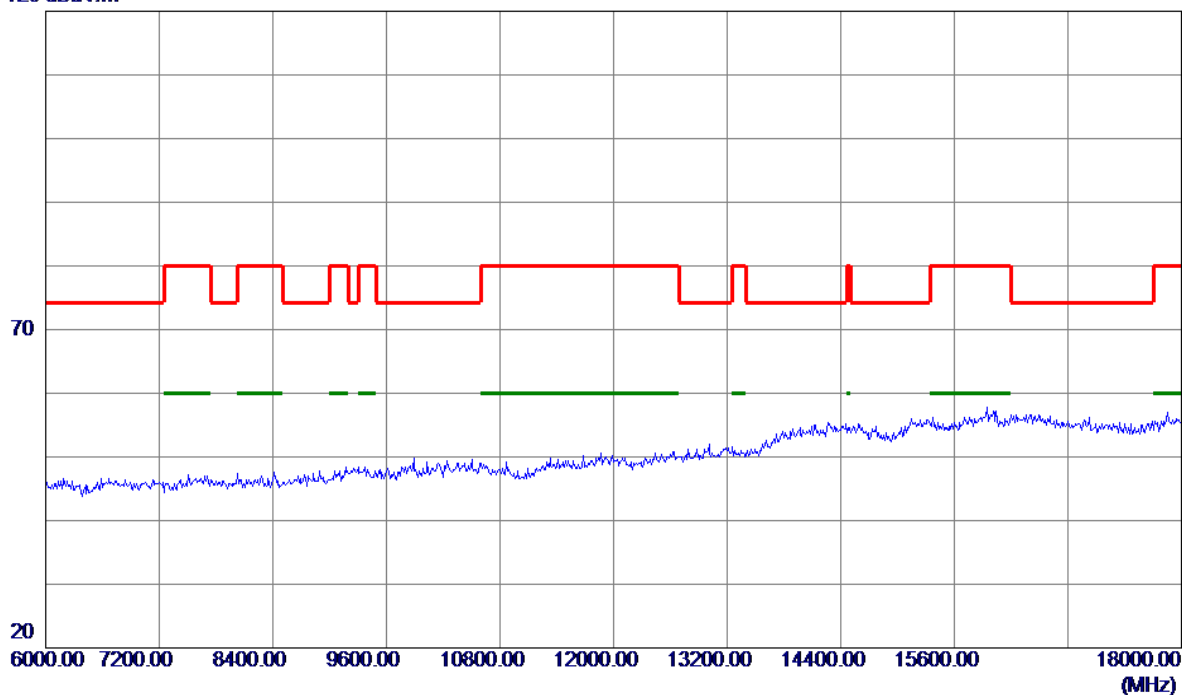


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

120 dBuV/m

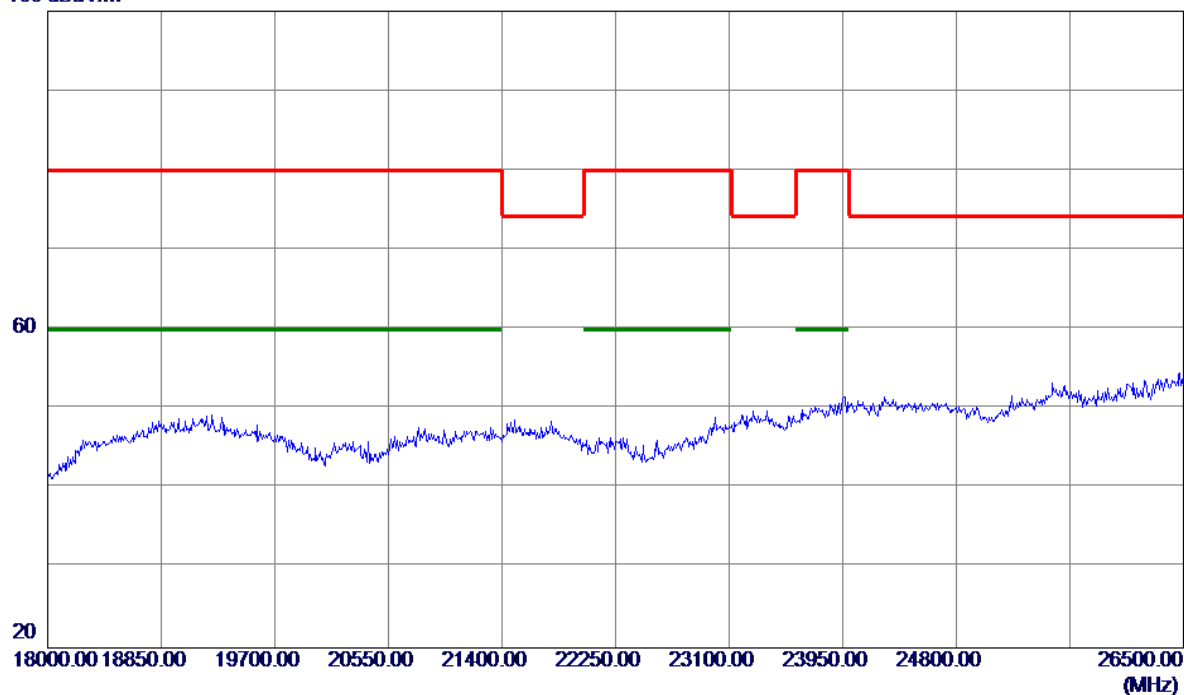


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

Vertical

100 dBuV/m

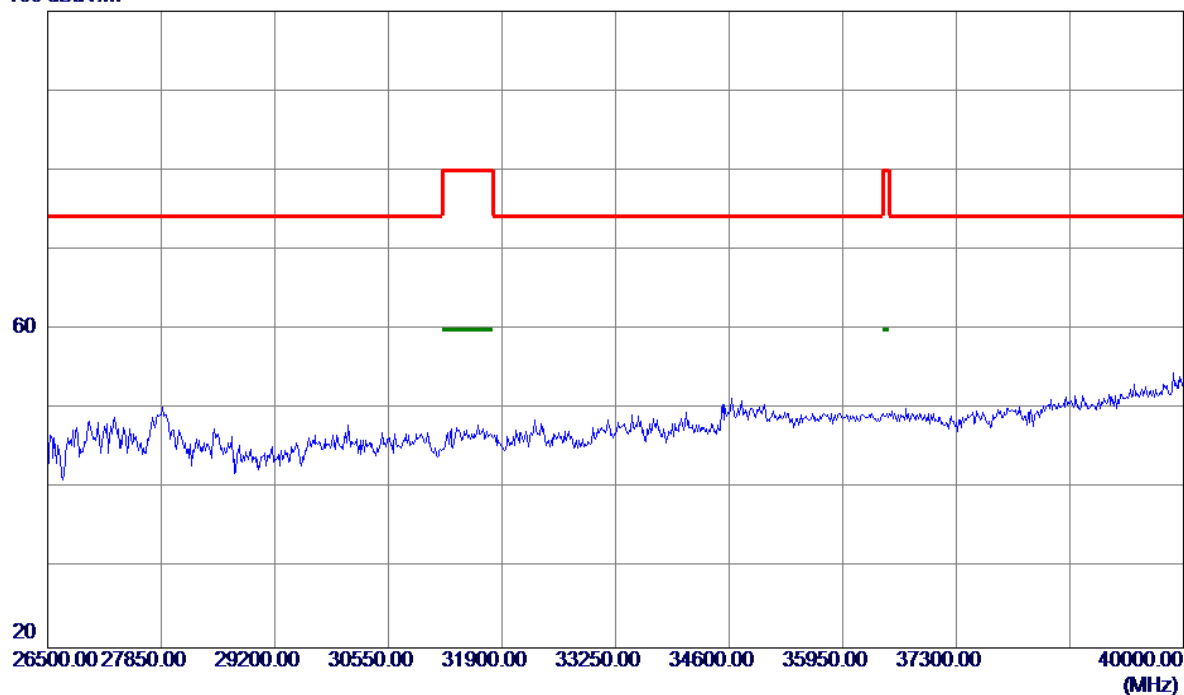


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

Vertical

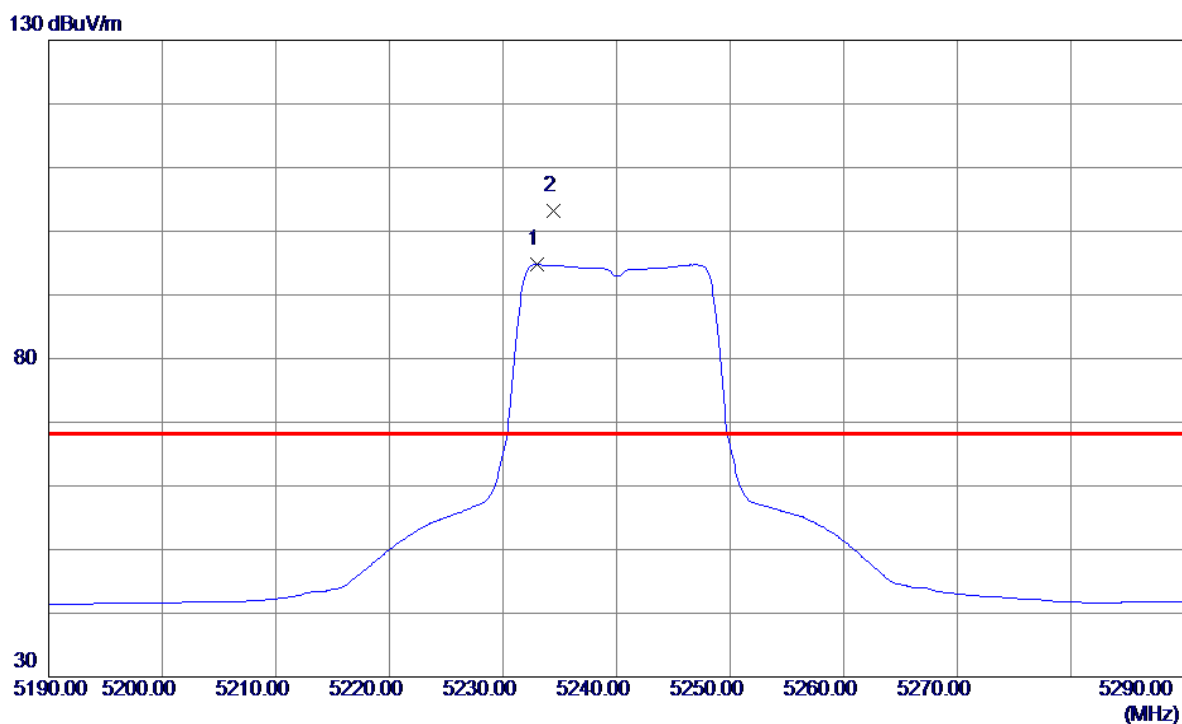
100 dBuV/m



No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

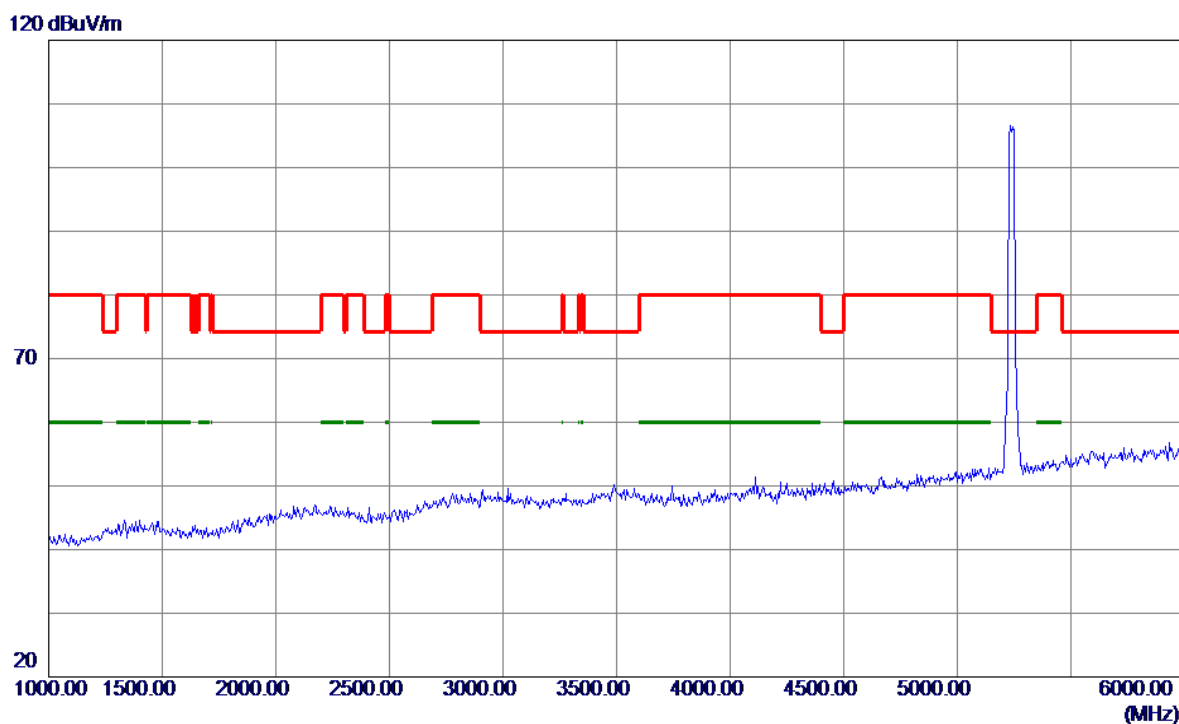
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5233.0000	53.22	41.52	94.74	999.00	-904.26	AVG	No Limit
2 *	5234.4000	61.58	41.53	103.11	68.30	34.81	Peak	No Limit

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

Horizontal

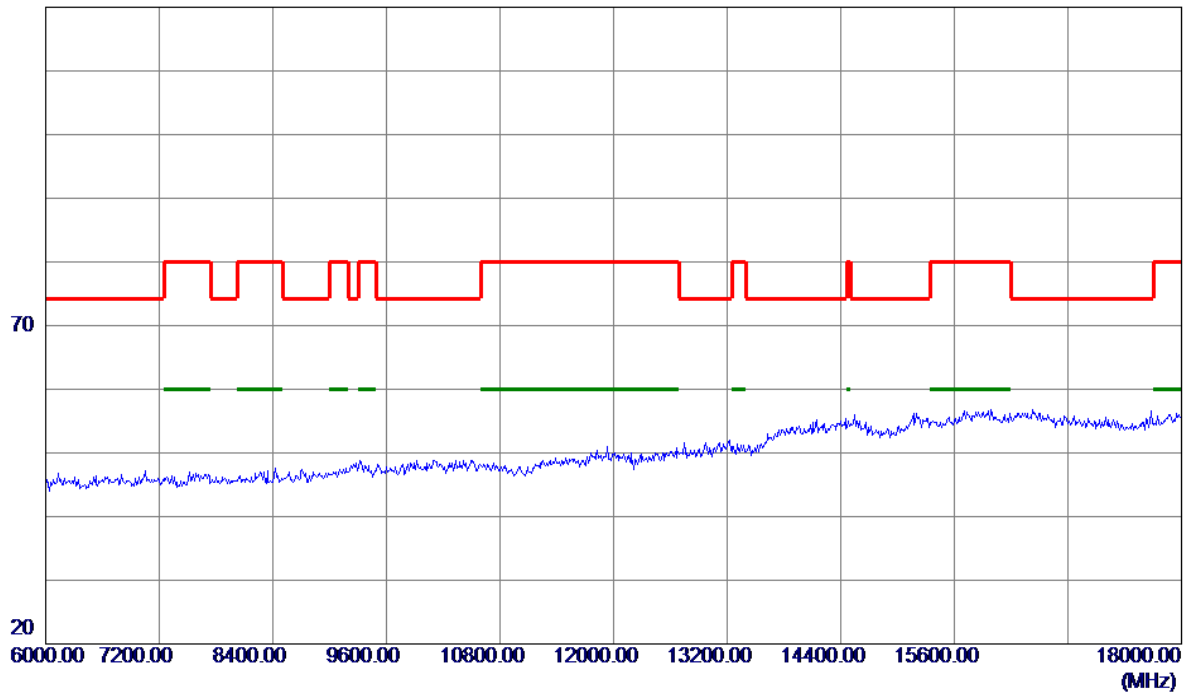


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

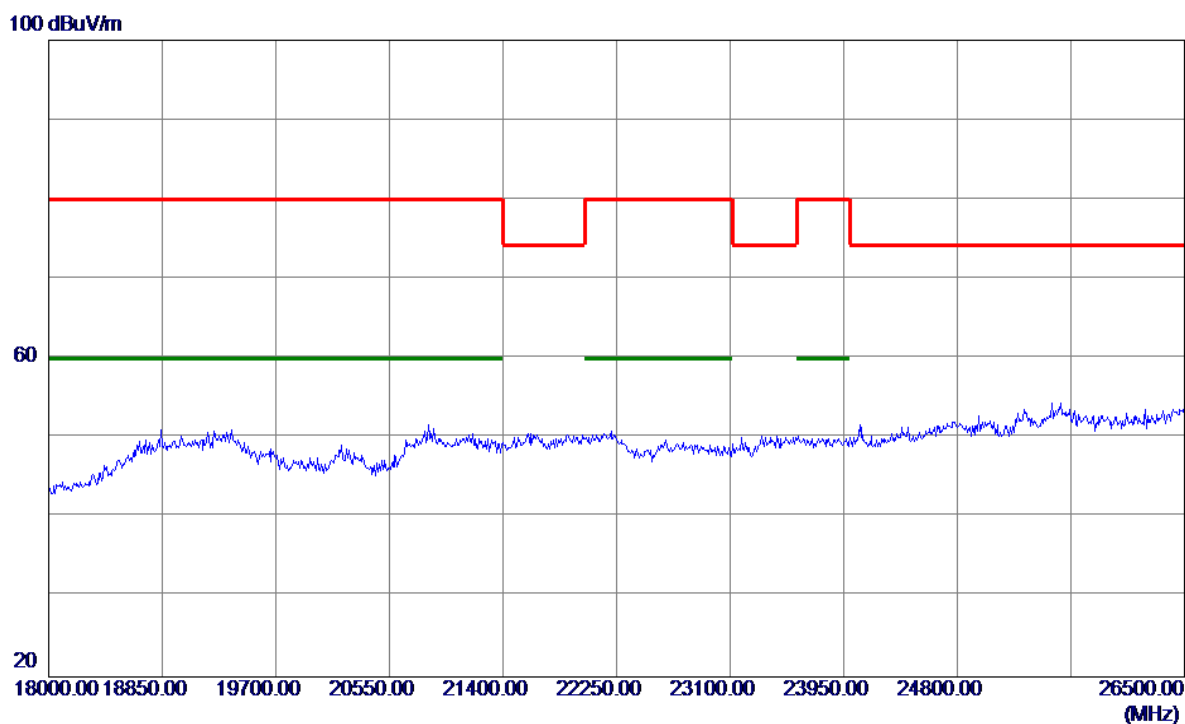
120 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

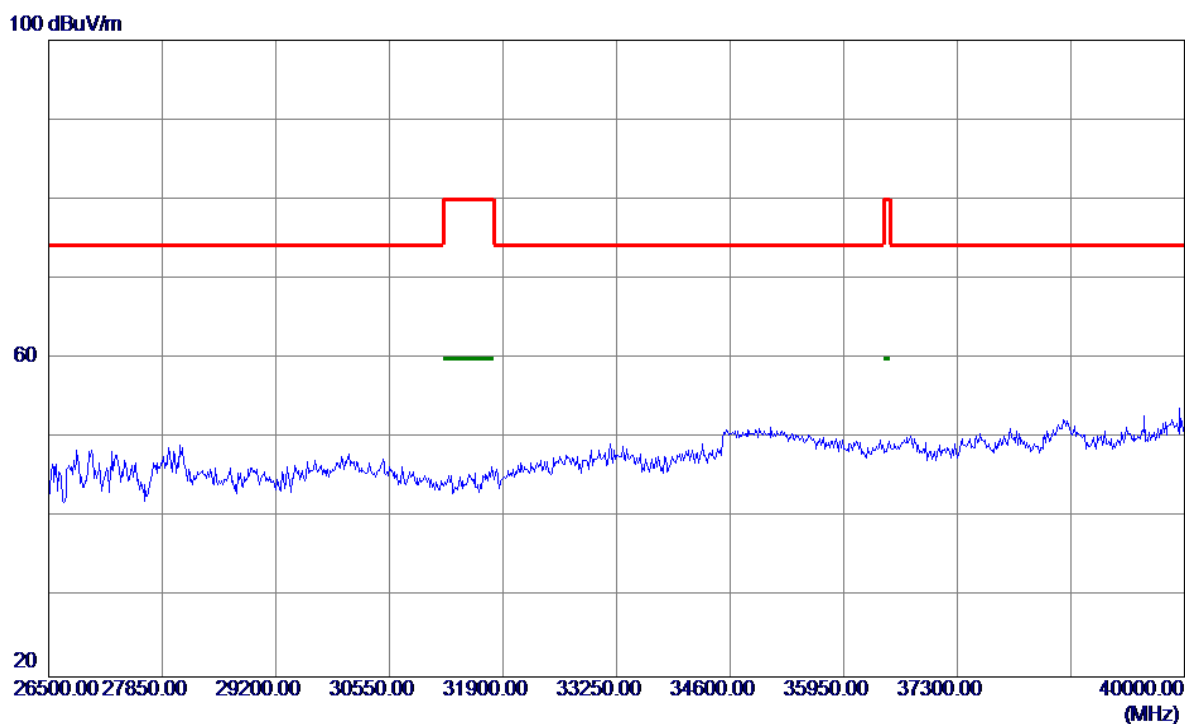
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

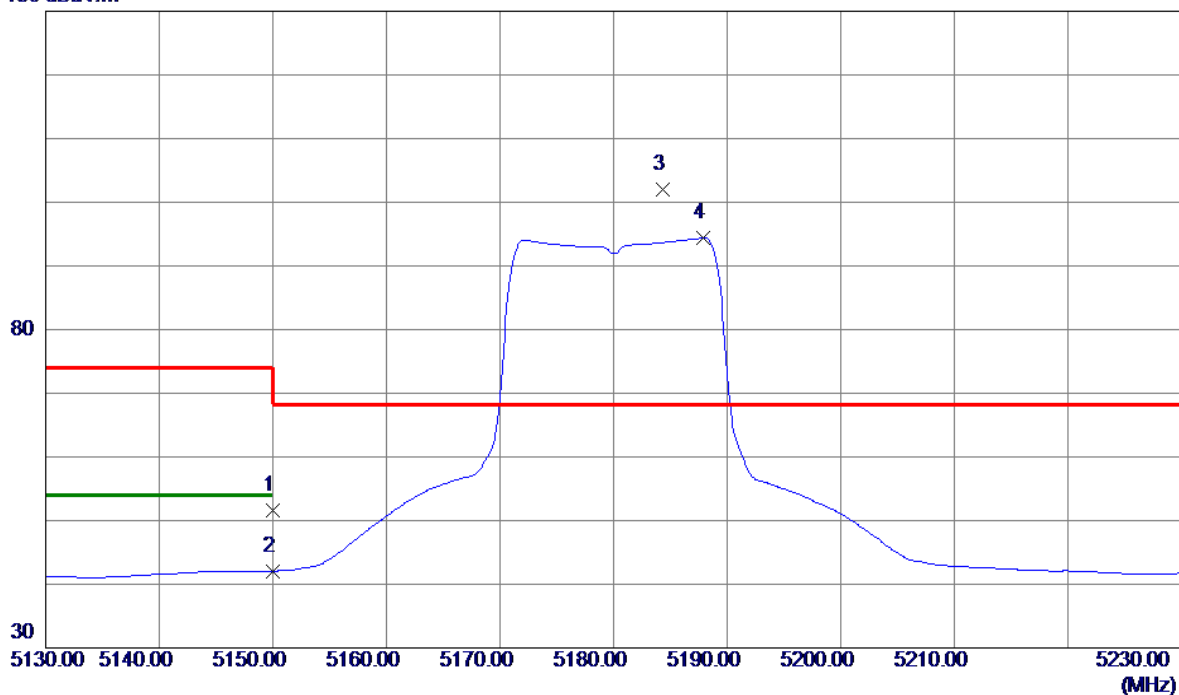


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

130 dBuV/m

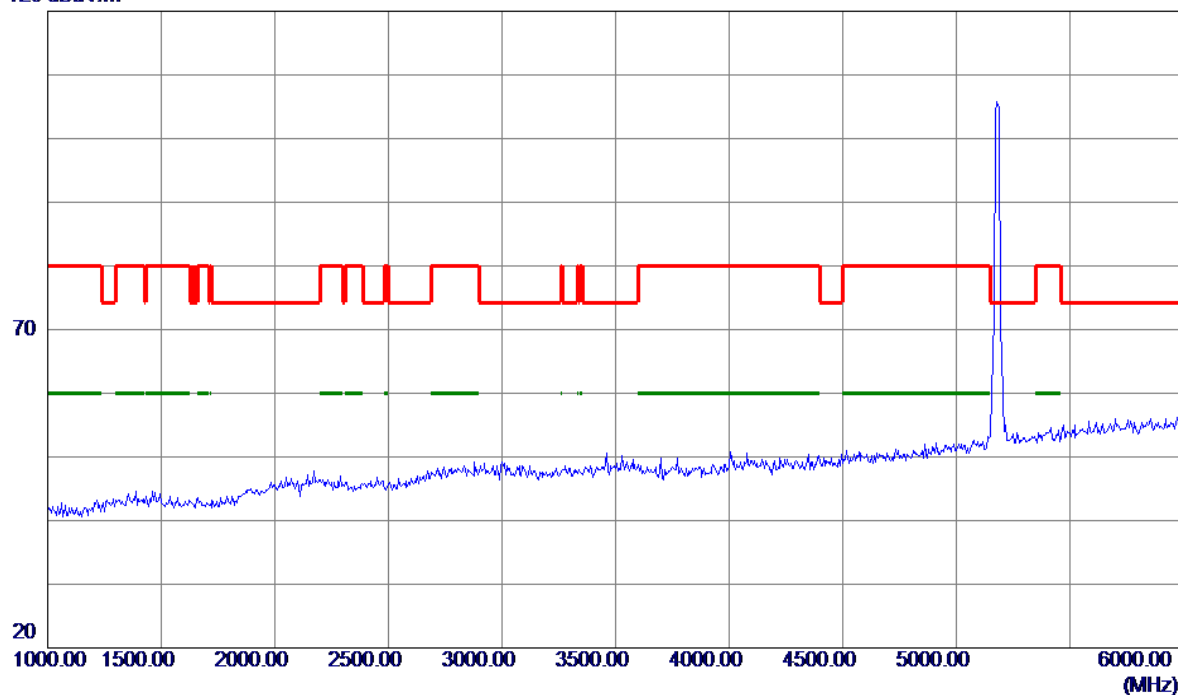


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	10.47	41.10	51.57	74.00	-22.43	Peak	
2	5150.0000	0.98	41.10	42.08	54.00	-11.92	AVG	
3 *	5184.3000	60.74	41.28	102.02	68.30	33.72	Peak	No Limit
4	5187.9000	53.10	41.29	94.39	999.00	-904.61	AVG	No Limit

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

Vertical

120 dBuV/m

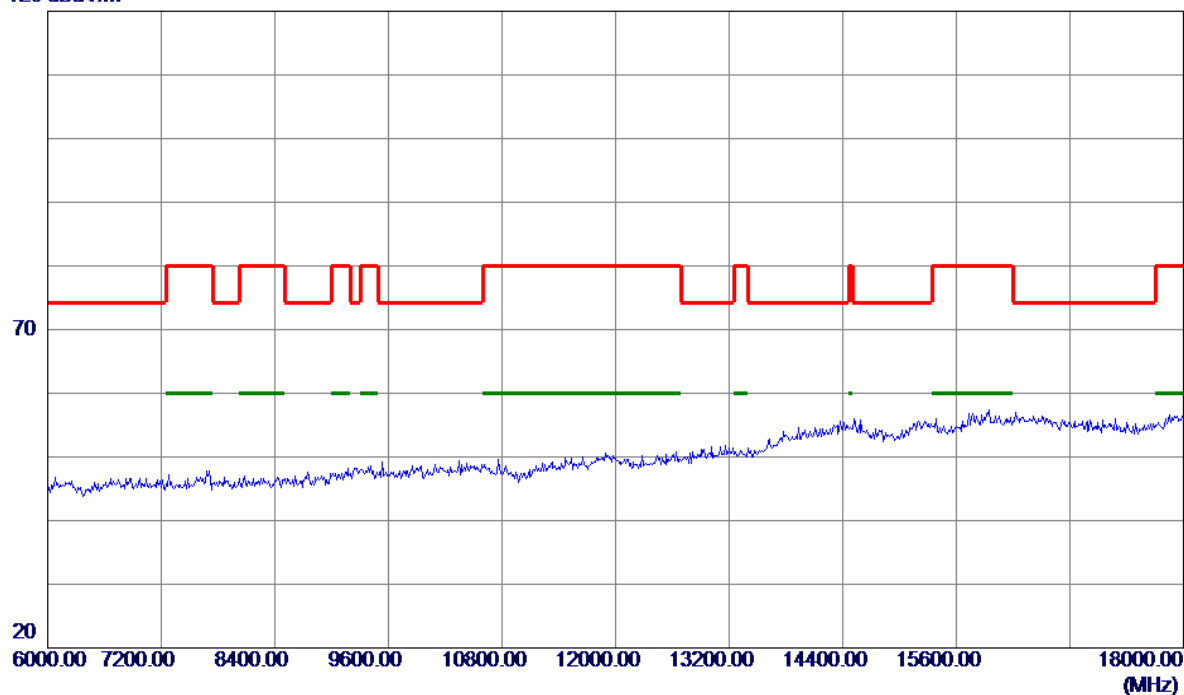


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

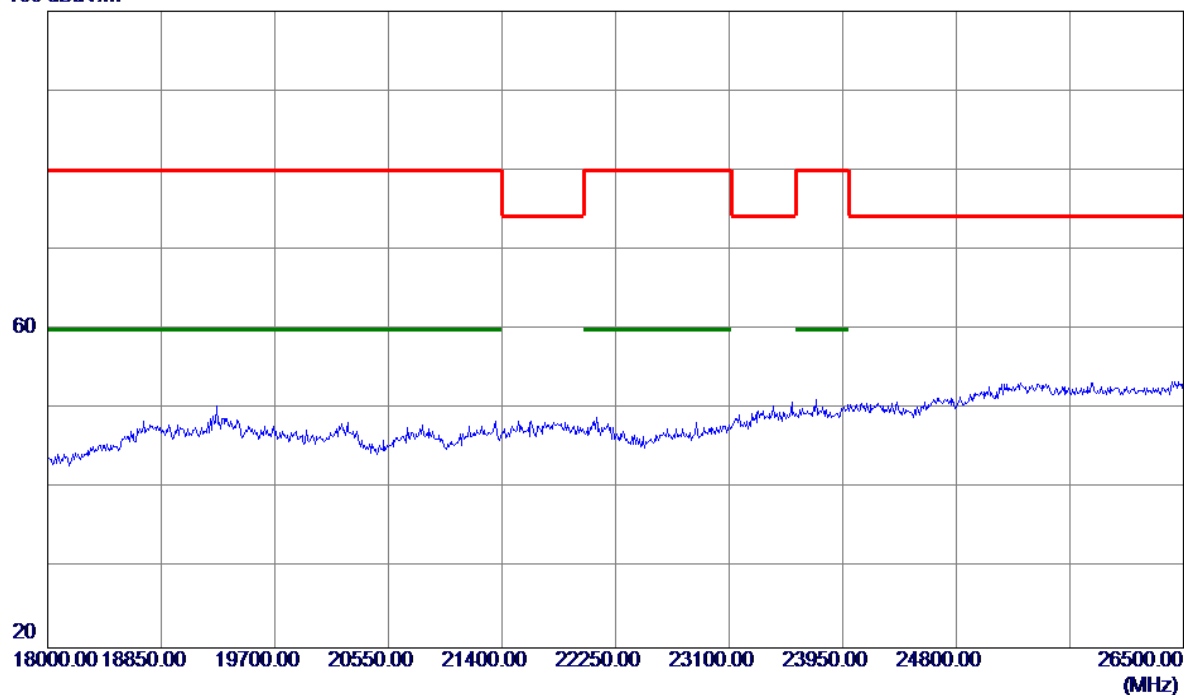


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Vertical

100 dBuV/m

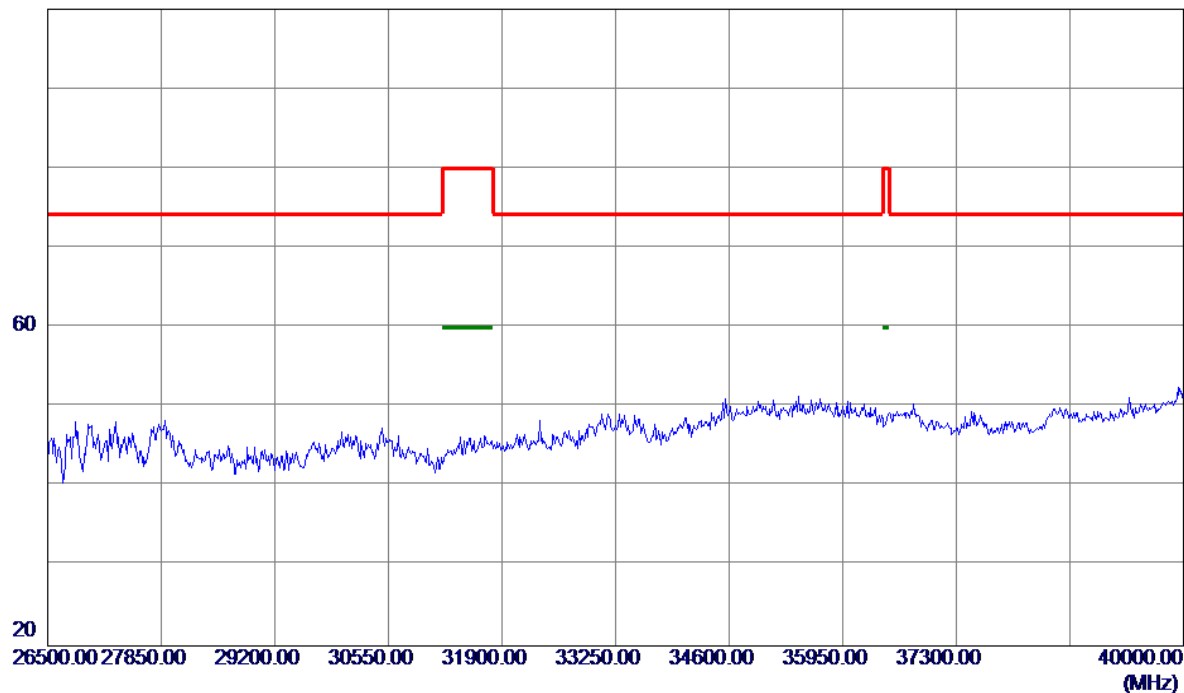


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

100 dBuV/m

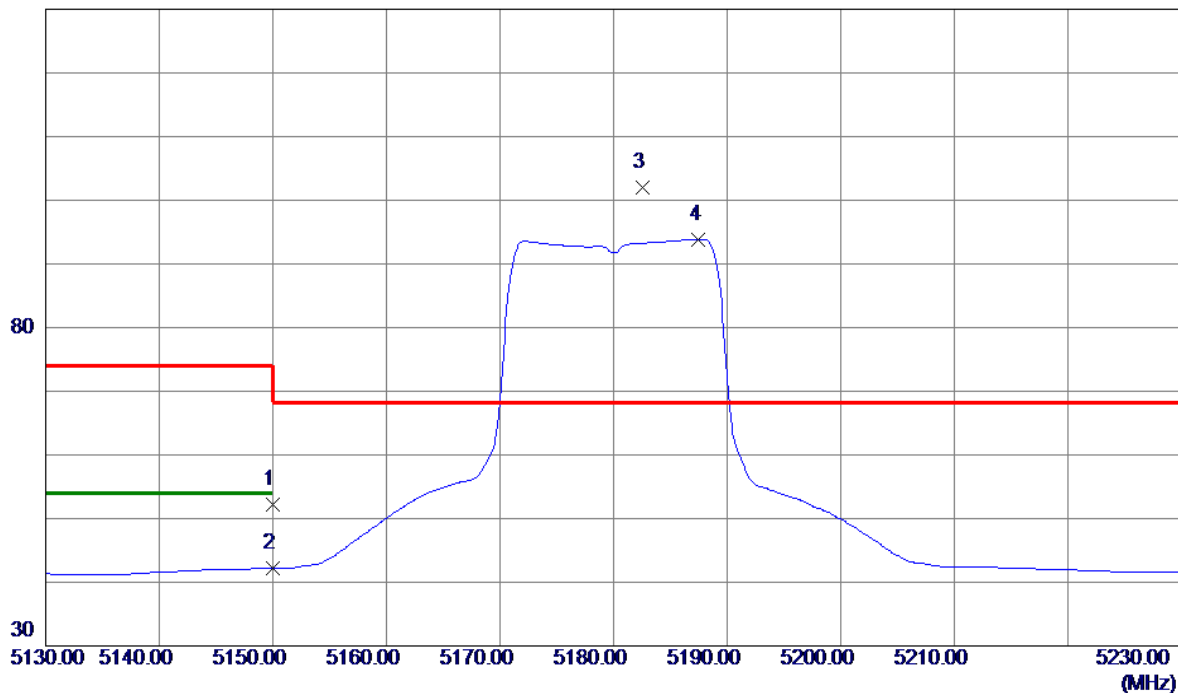


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	11.17	41.10	52.27	74.00	-21.73	Peak	
2	5150.0000	1.04	41.10	42.14	54.00	-11.86	AVG	
3 *	5182.6000	60.70	41.27	101.97	68.30	33.67	Peak	No Limit
4	5187.5000	52.59	41.29	93.88	999.00	-905.12	AVG	No Limit

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

Horizontal

120 dBuV/m

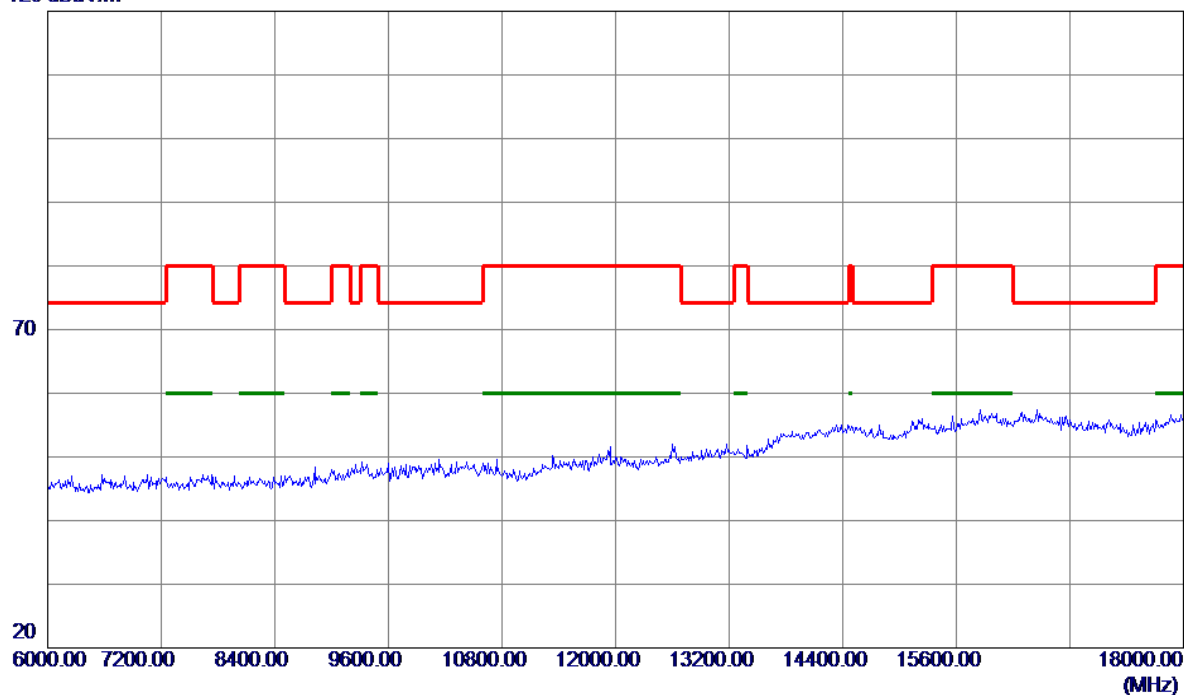


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

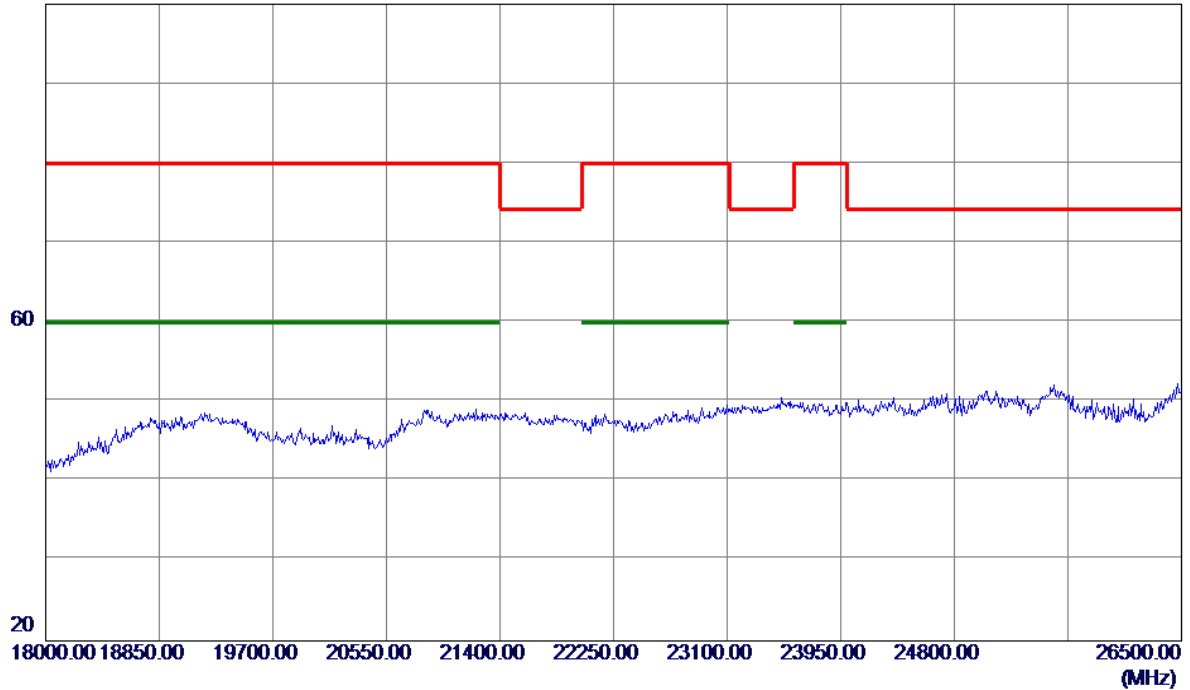


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Horizontal

100 dBuV/m

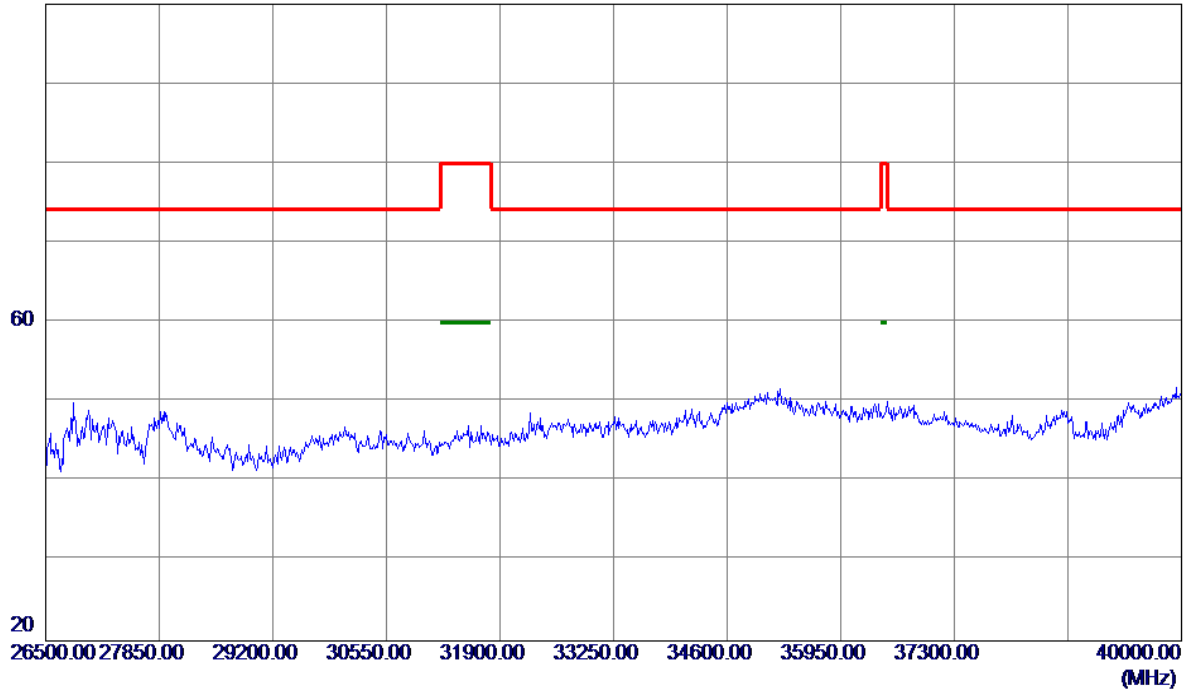


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Horizontal

100 dBuV/m

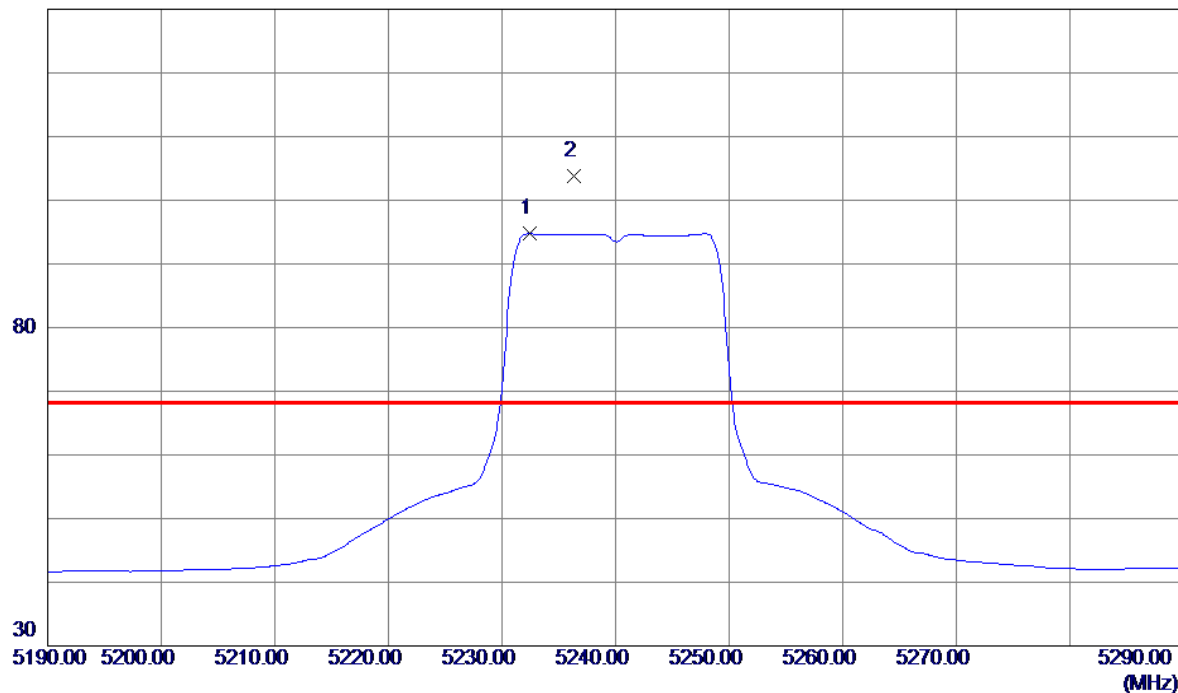


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

130 dBuV/m

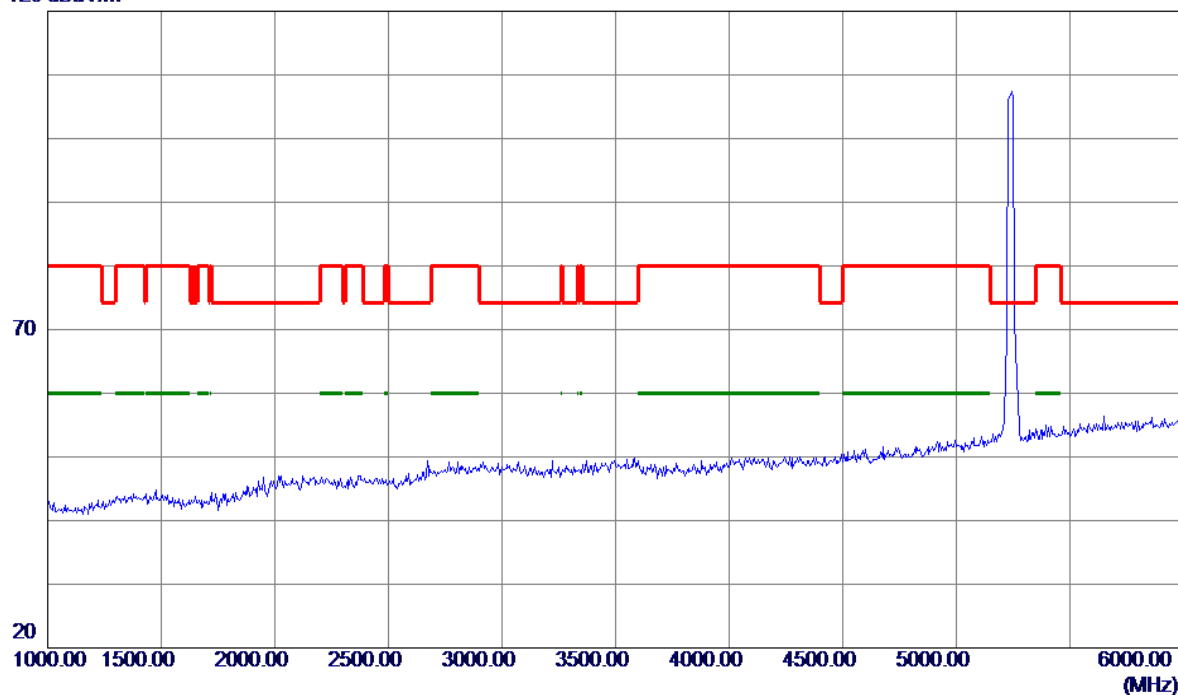


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.4000	53.21	41.52	94.73	999.00	-904.27	AVG	No Limit
2 *	5236.3000	62.25	41.54	103.79	68.30	35.49	Peak	No Limit

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

Vertical

120 dBuV/m

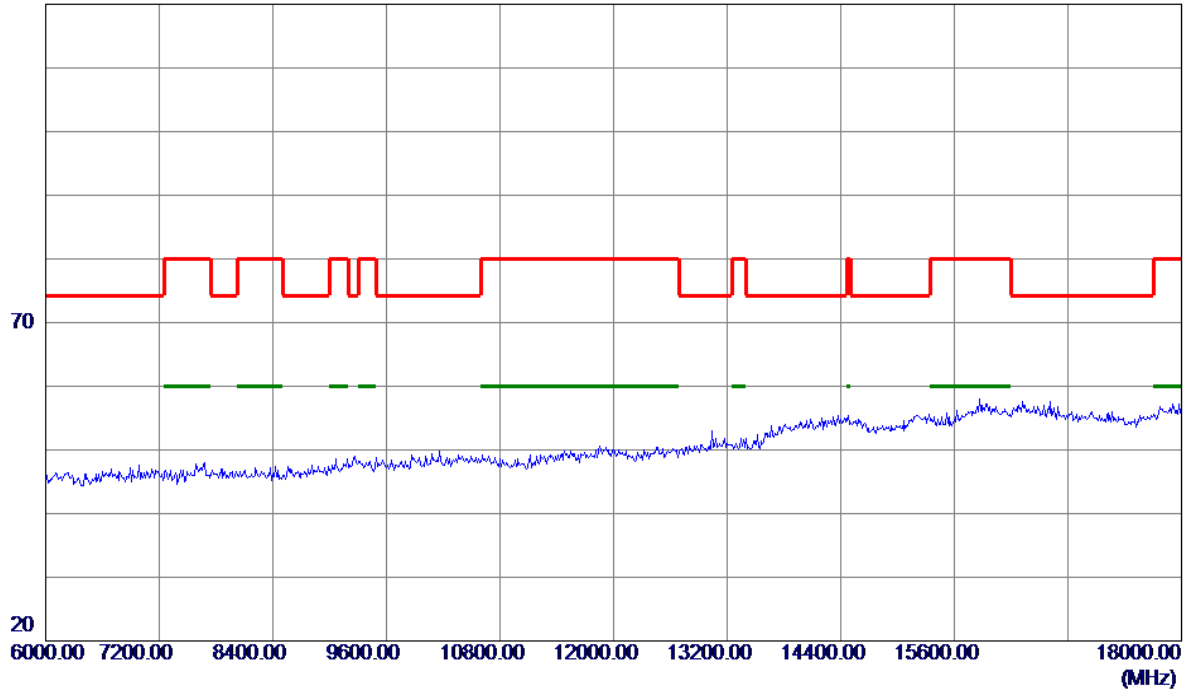


No.	Freq.	Reading	Correct	Measure	Limit	Margin	Detector	Comment
	MHz	Level	Factor	ment				
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

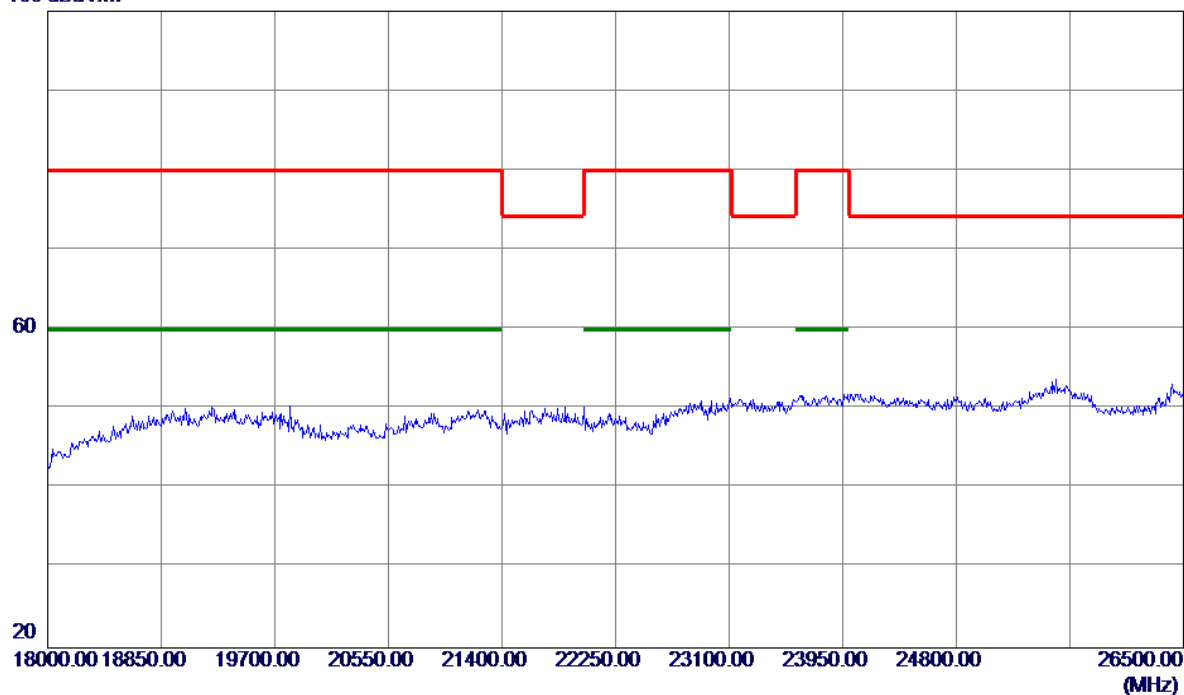


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

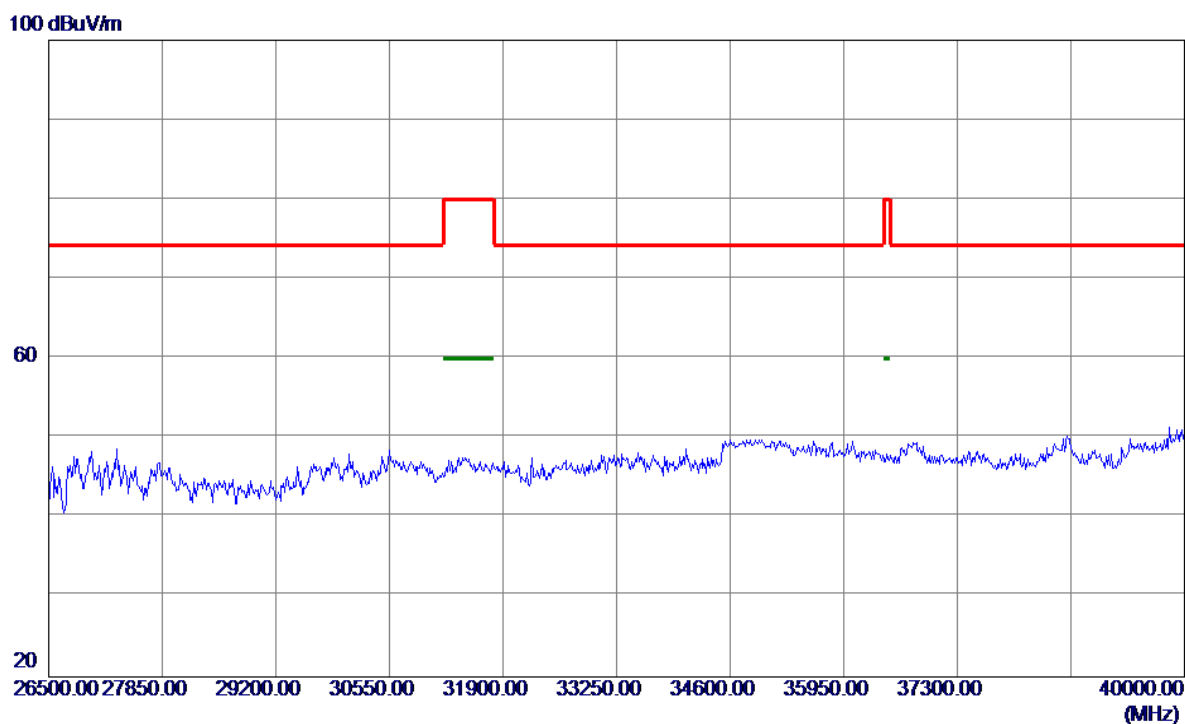
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

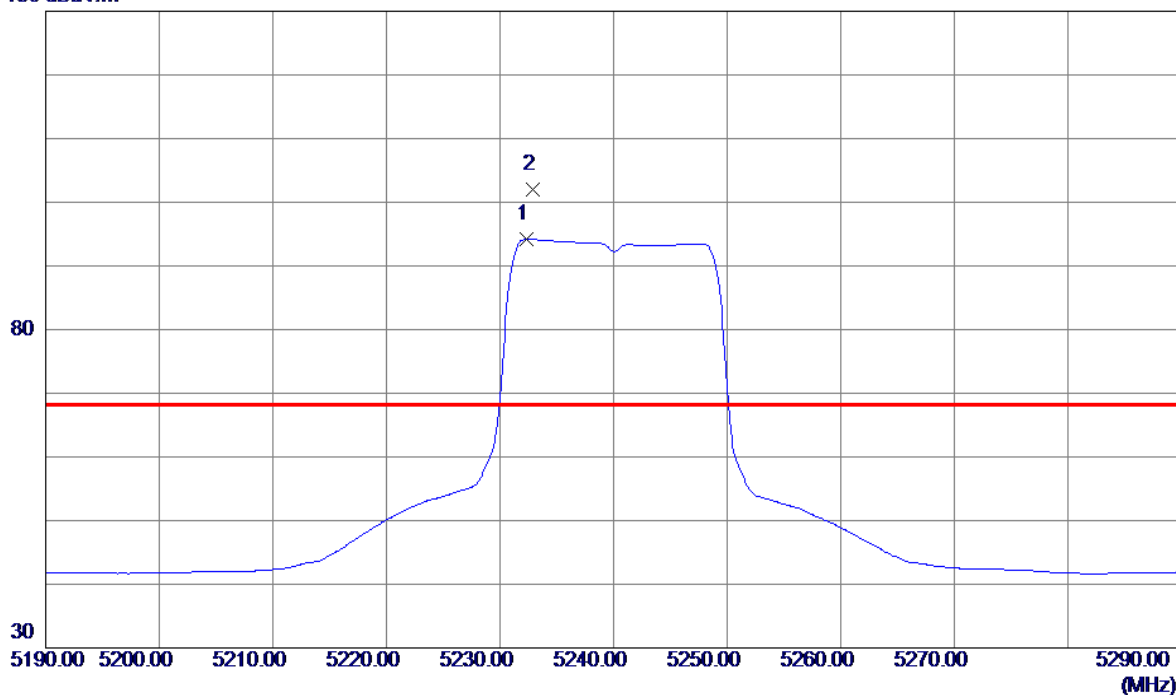


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

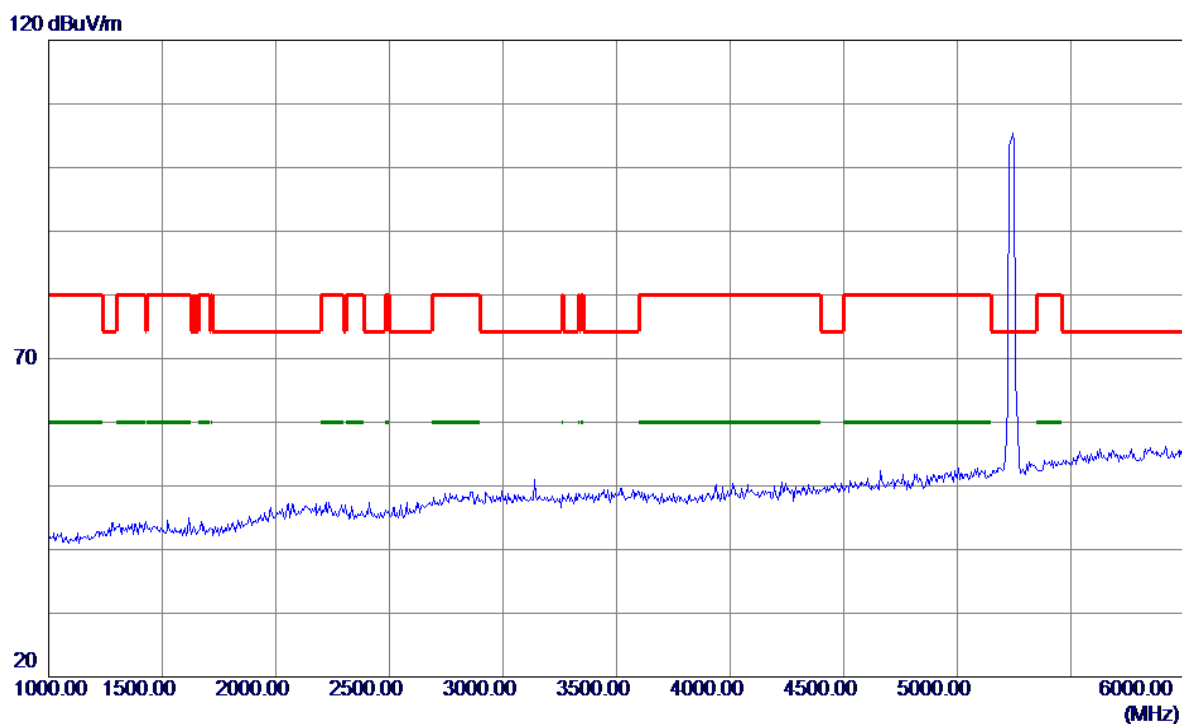
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.3000	52.69	41.52	94.21	999.00	-904.79	AVG	No Limit
2 *	5232.9000	60.38	41.52	101.90	68.30	33.60	Peak	No Limit

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

Horizontal

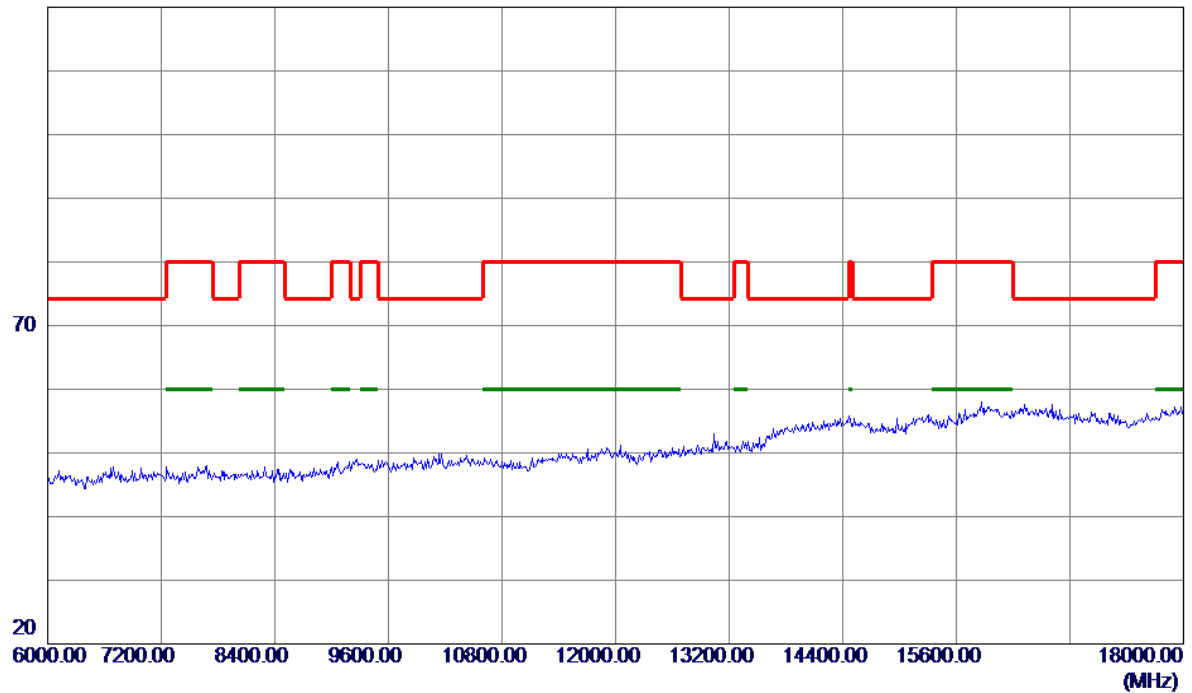


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

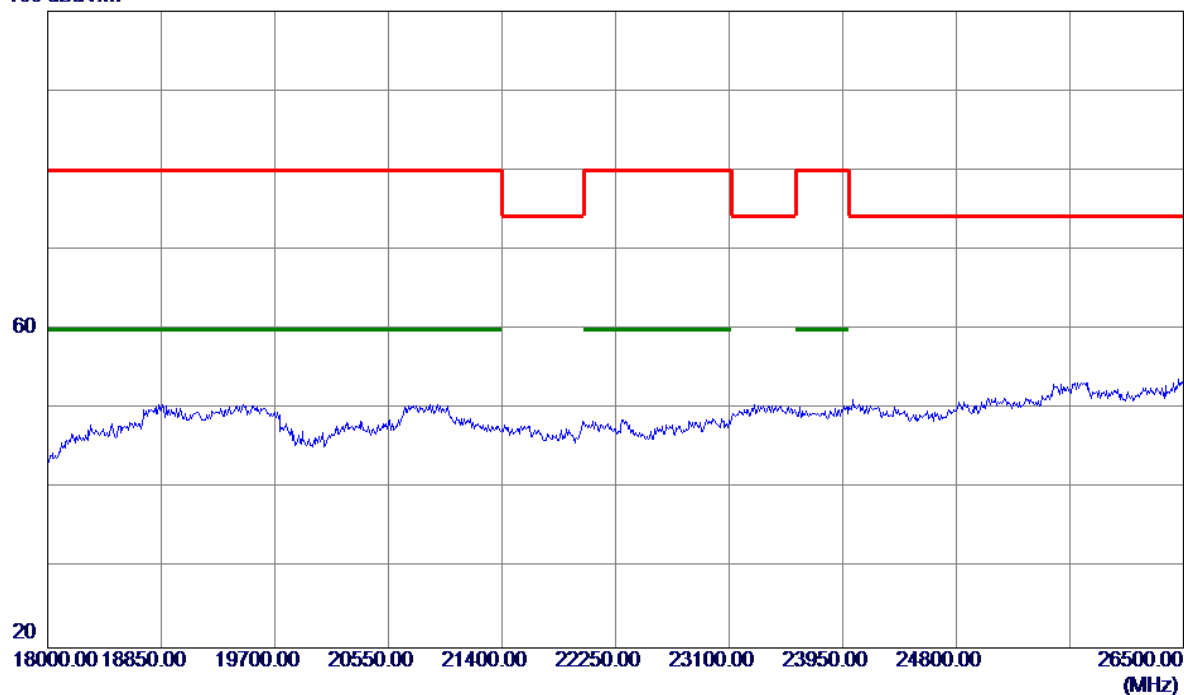


No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

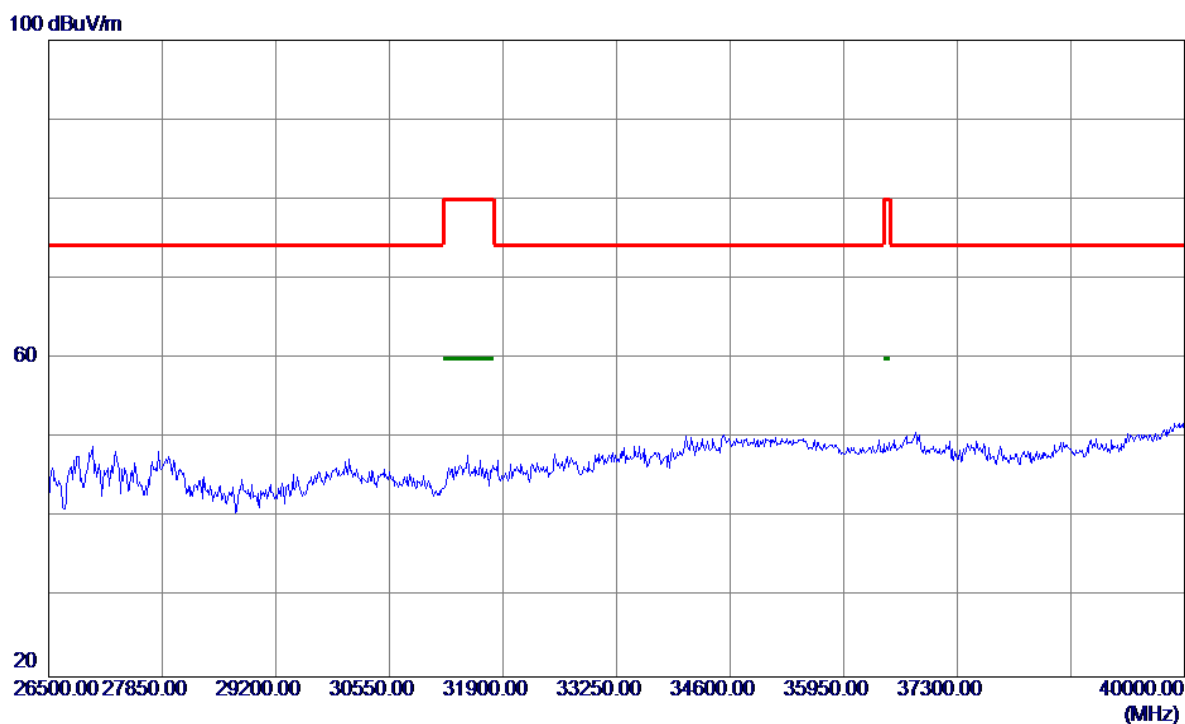
100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

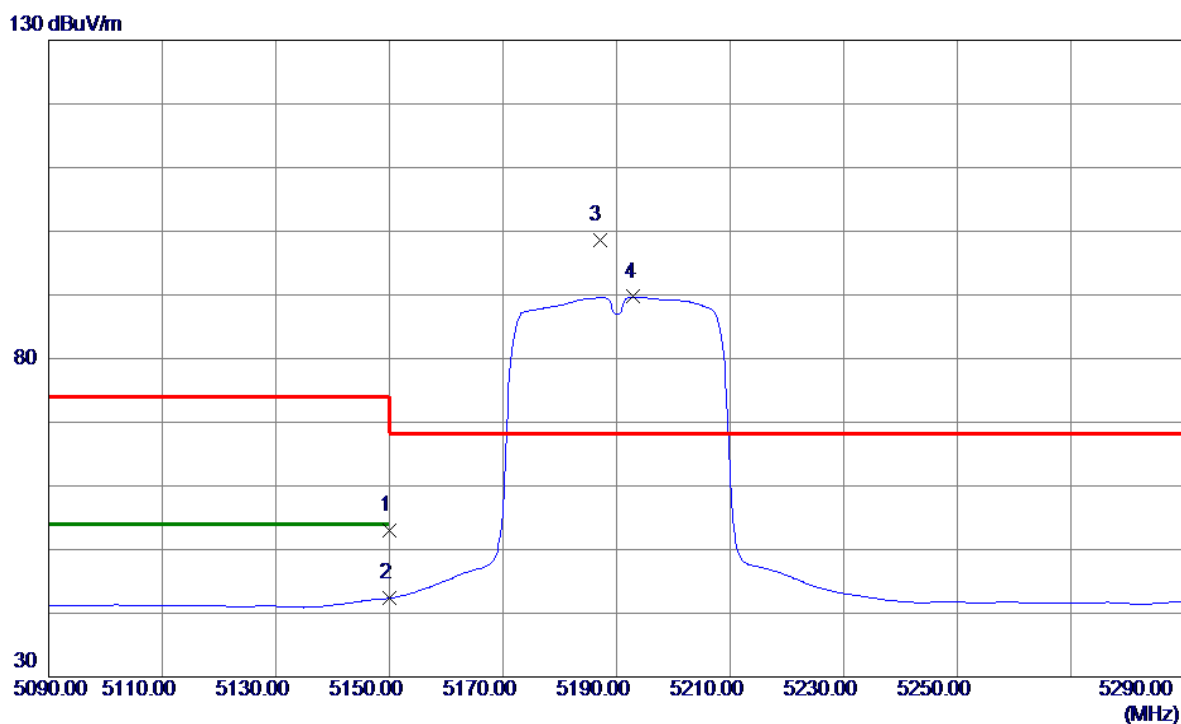
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

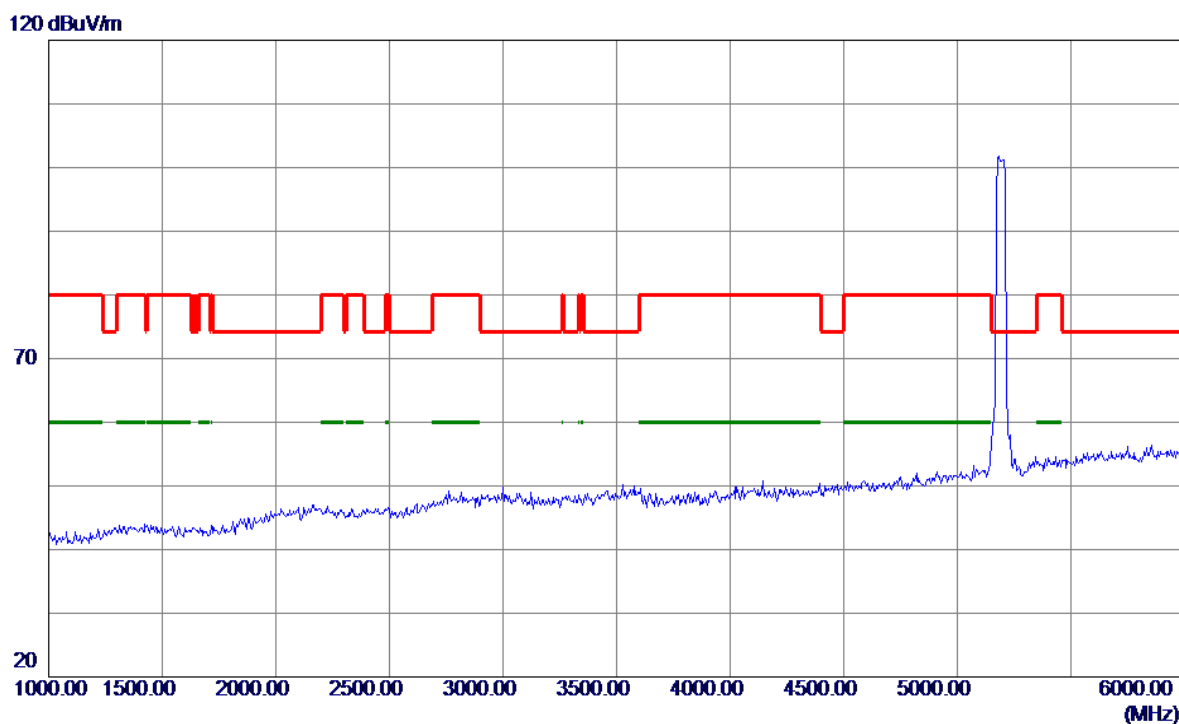
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	11.86	41.10	52.96	74.00	-21.04	Peak	
2	5150.0000	1.26	41.10	42.36	54.00	-11.64	AVG	
3 *	5187.0000	57.37	41.29	98.66	68.30	30.36	Peak	No Limit
4	5193.0000	48.38	41.32	89.70	999.00	-909.30	AVG	No Limit

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

Vertical

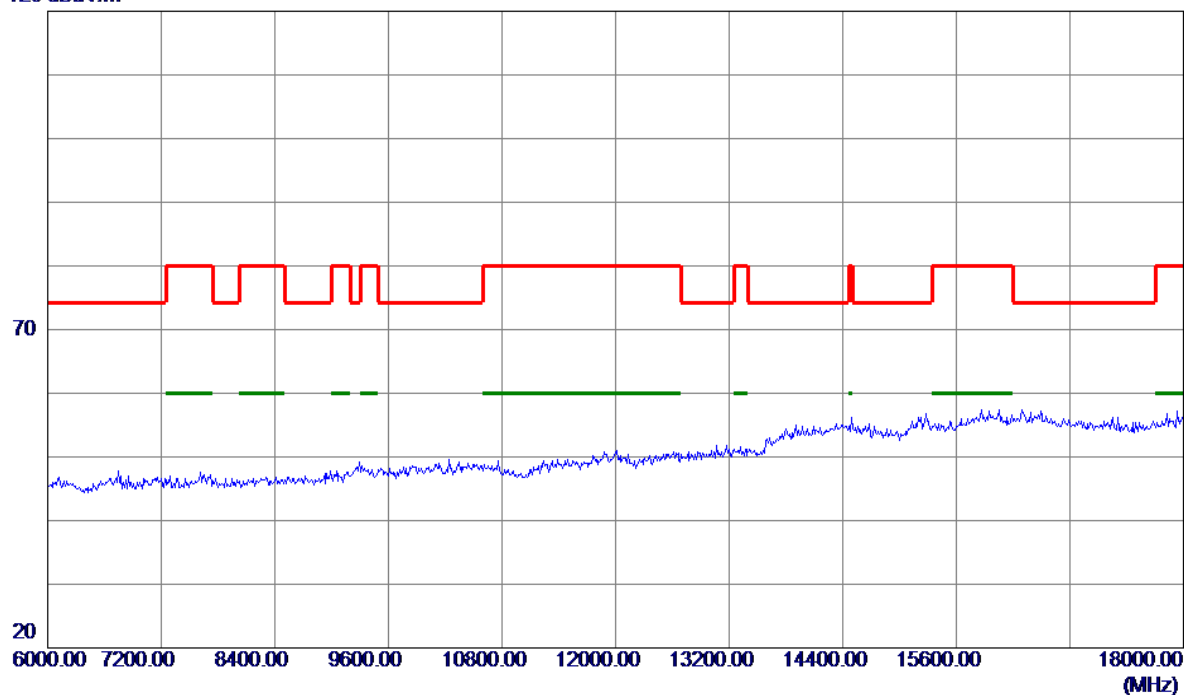


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

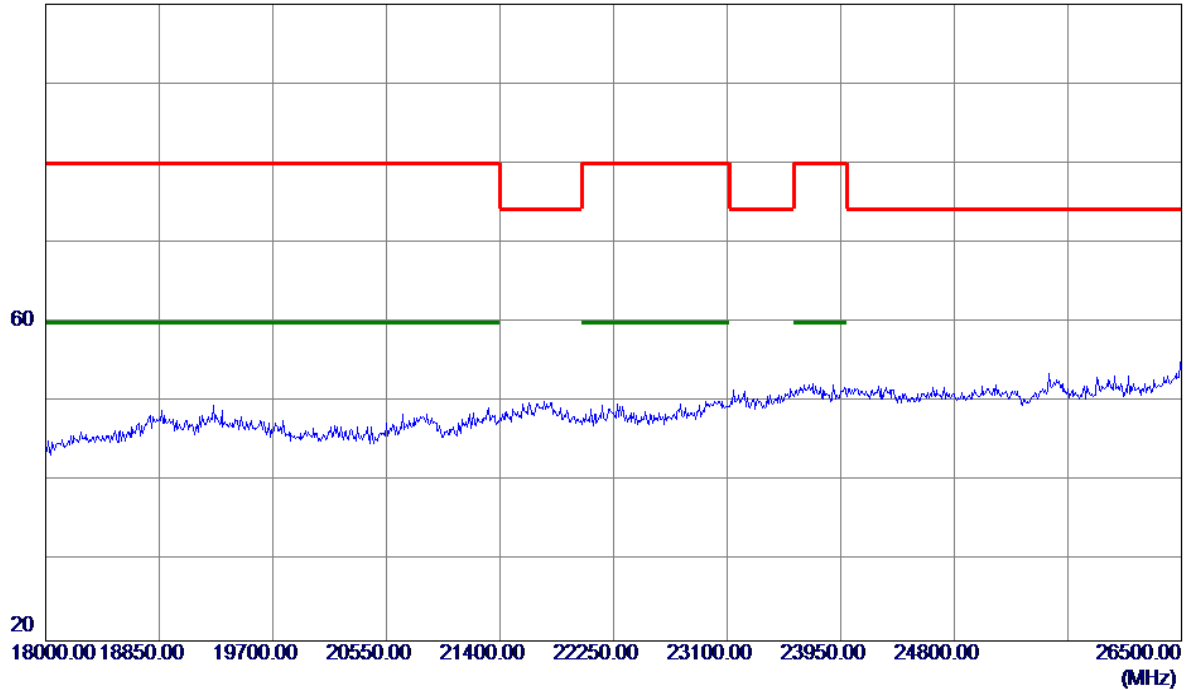


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Vertical

100 dBuV/m

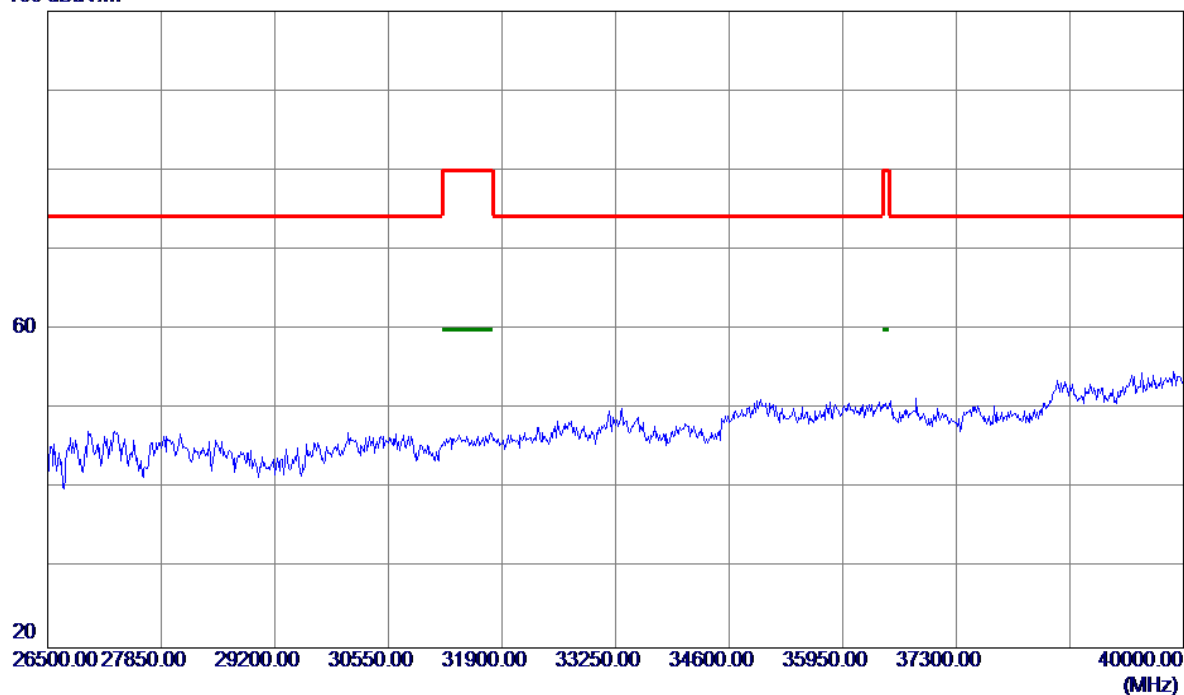


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Vertical

100 dBuV/m

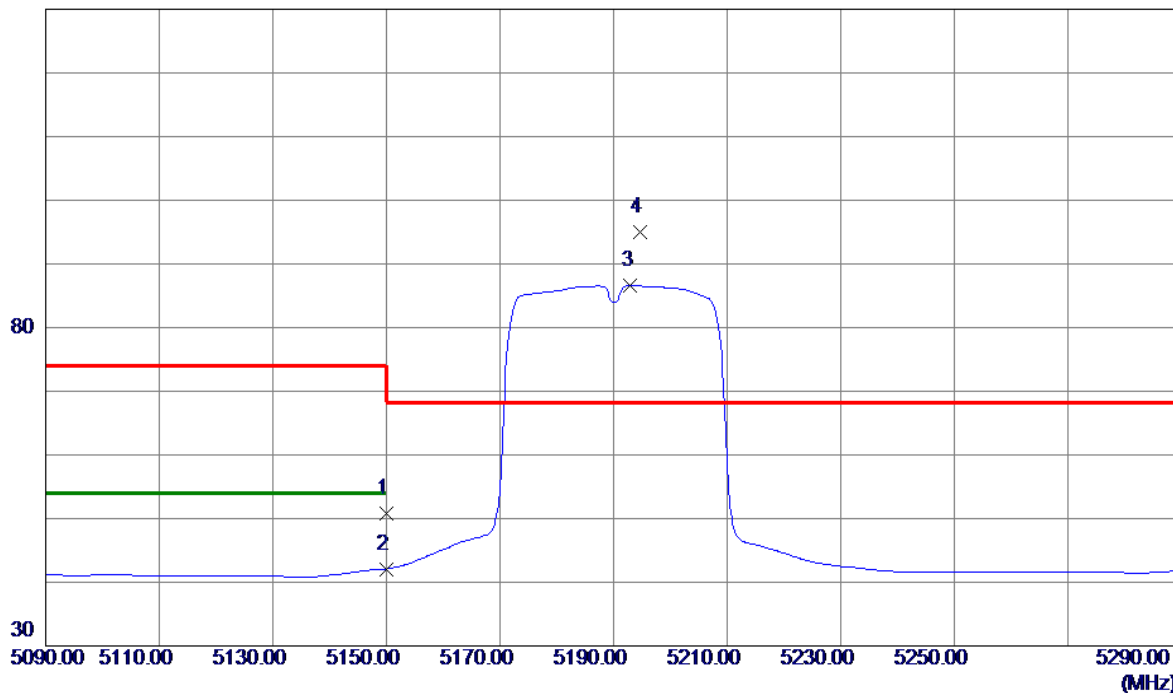


No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

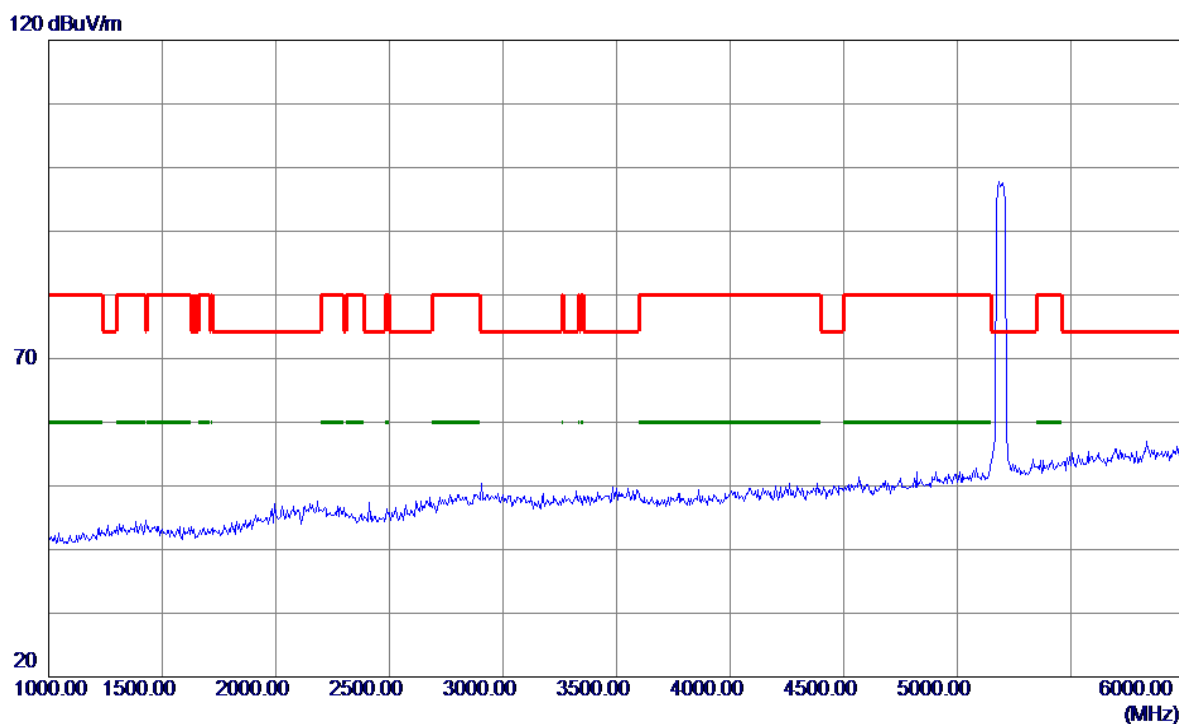
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	9.63	41.10	50.73	74.00	-23.27	Peak	
2	5150.0000	0.99	41.10	42.09	54.00	-11.91	AVG	
3	5193.0000	45.31	41.32	86.63	999.00	-912.37	AVG	No Limit
4 *	5194.6000	53.67	41.33	95.00	68.30	26.70	Peak	No Limit

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

Horizontal

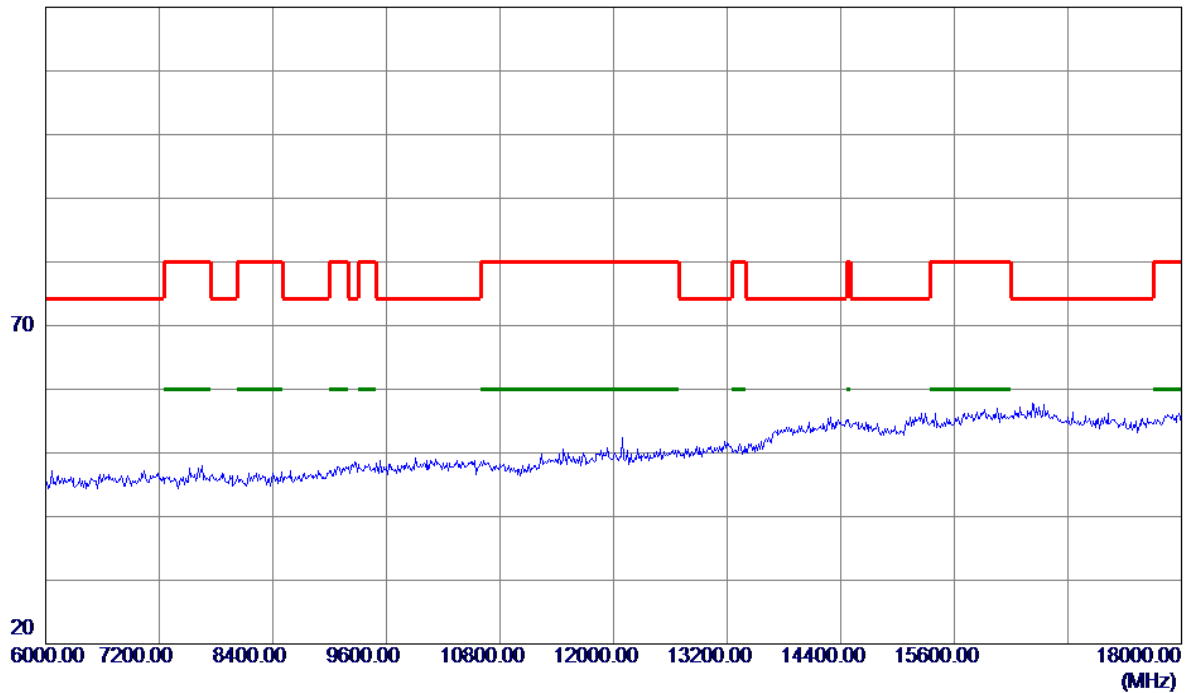


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

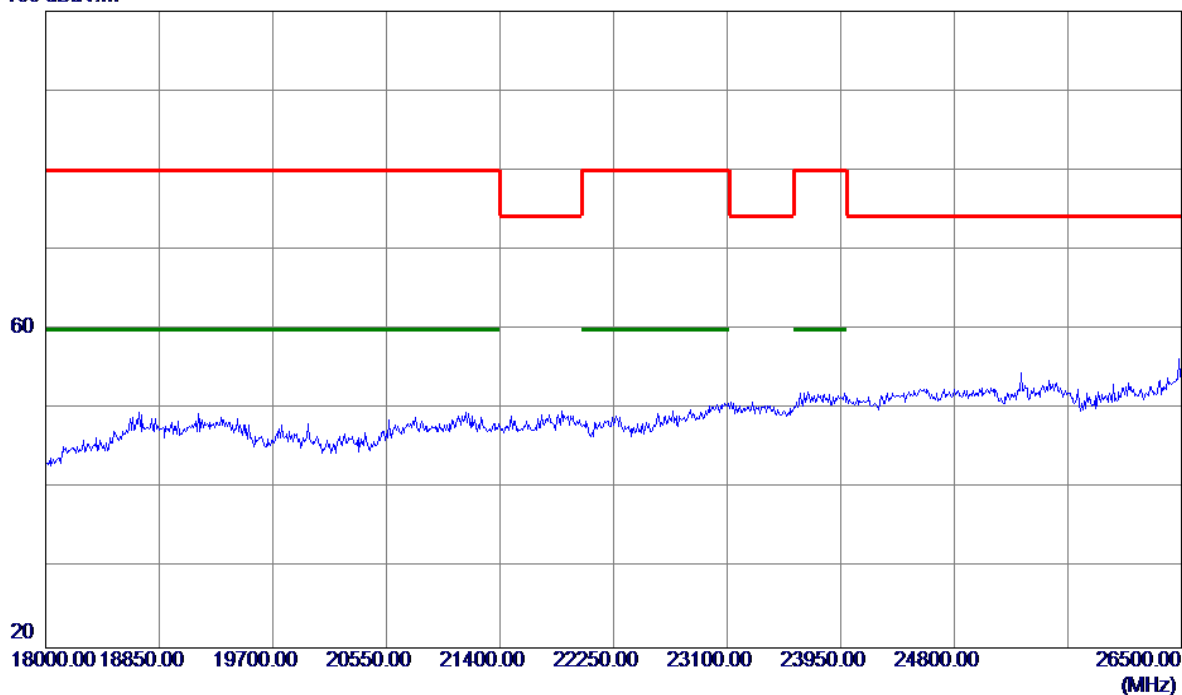


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

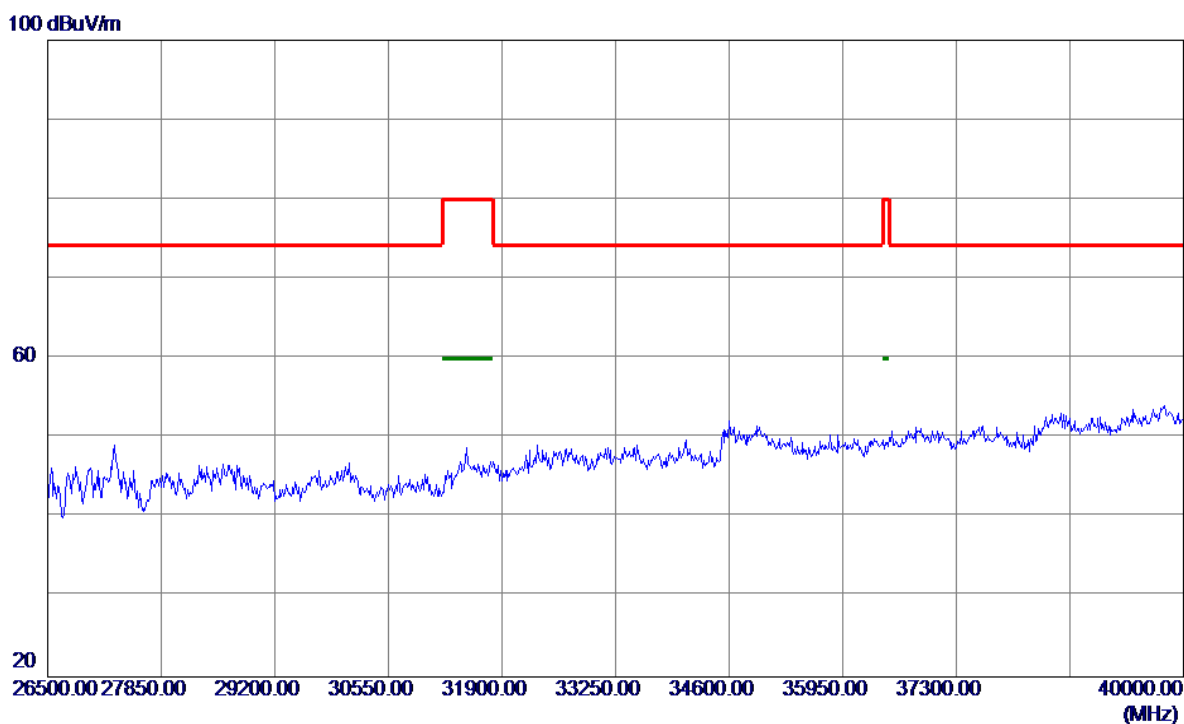
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

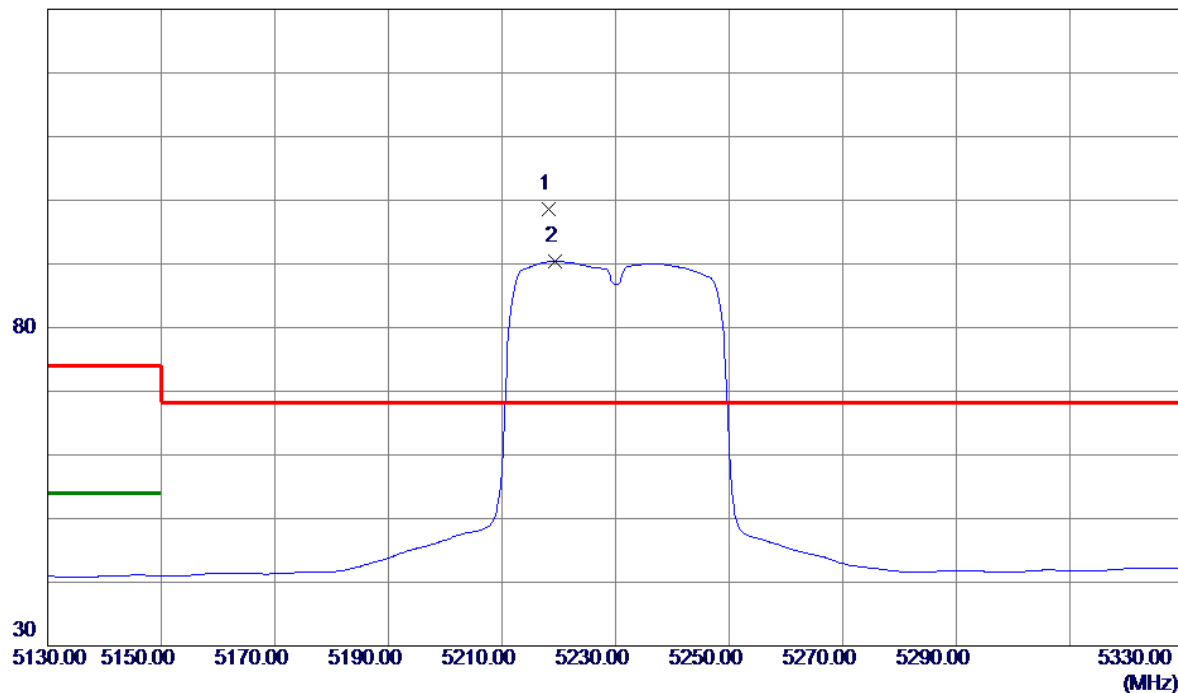


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

130 dBuV/m

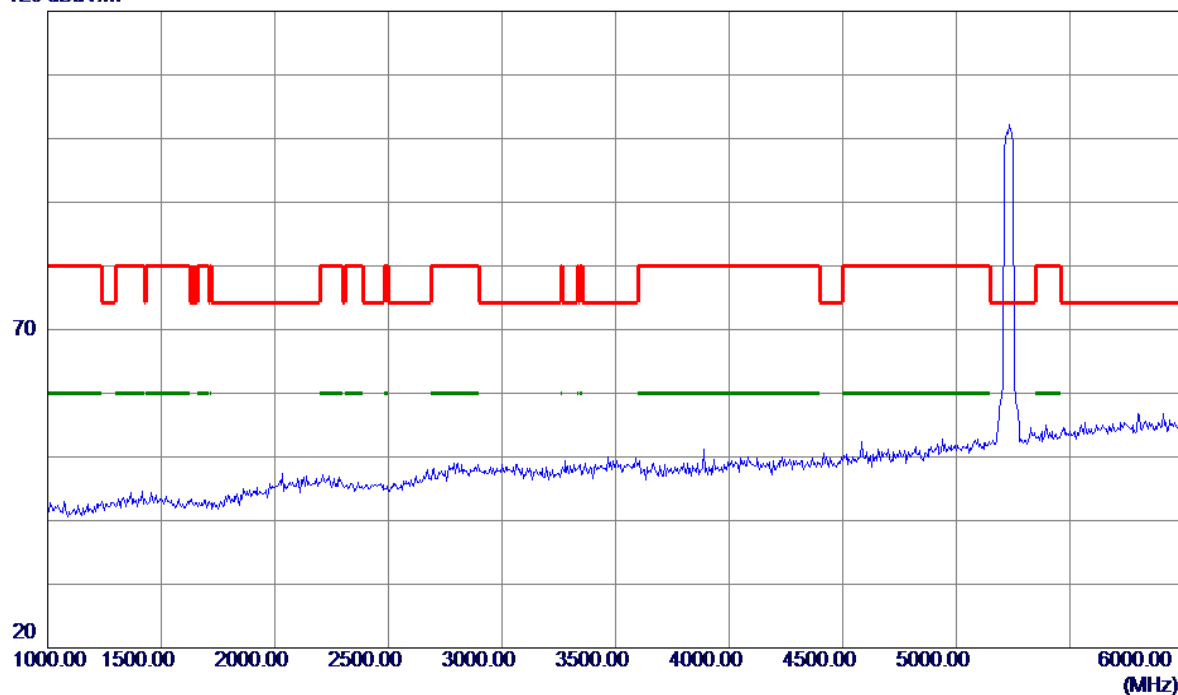


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5218.2000	57.16	41.45	98.61	68.30	30.31	Peak	No Limit
2	5219.4000	48.89	41.45	90.34	999.00	-908.66	AVG	No Limit

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

Vertical

120 dBuV/m

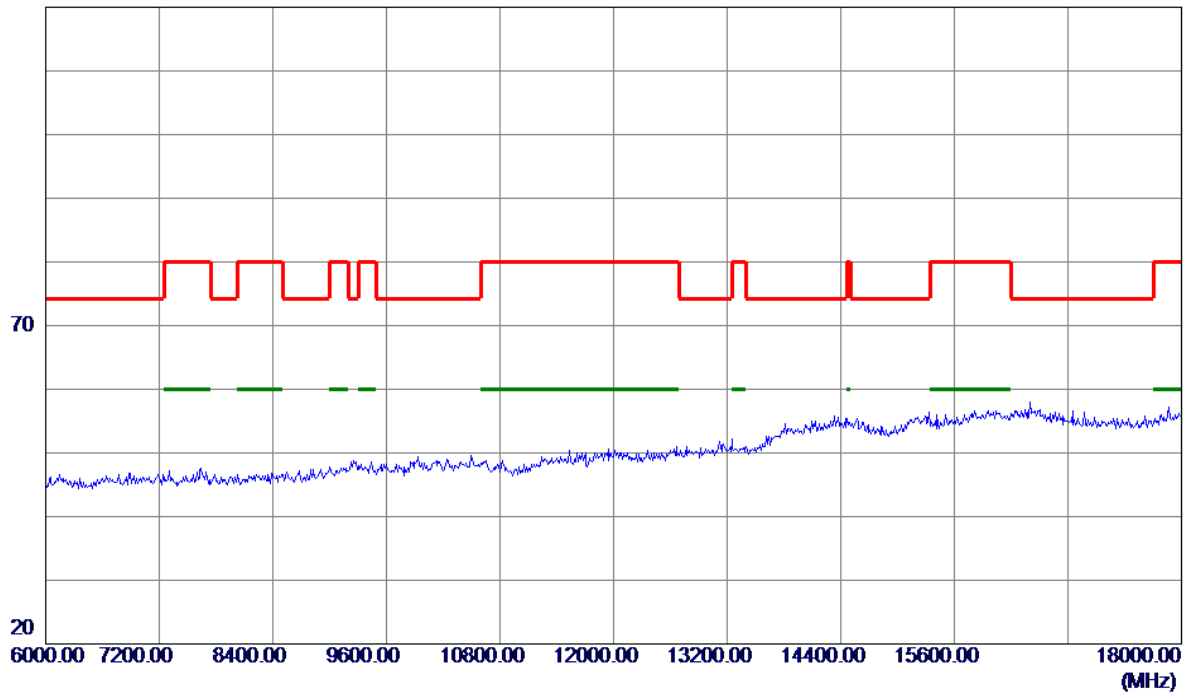


No.	Freq.	Reading	Correct	Measure	Limit	Margin	Detector	Comment
	MHz	Level	Factor	ment				
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

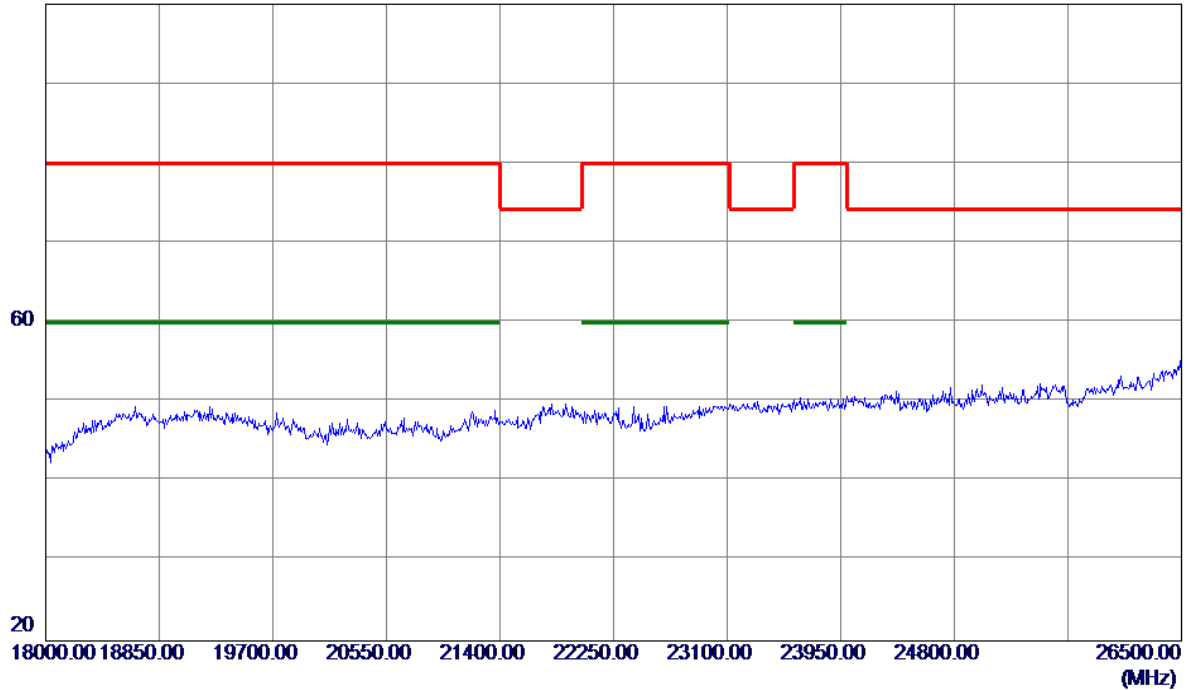


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

100 dBuV/m

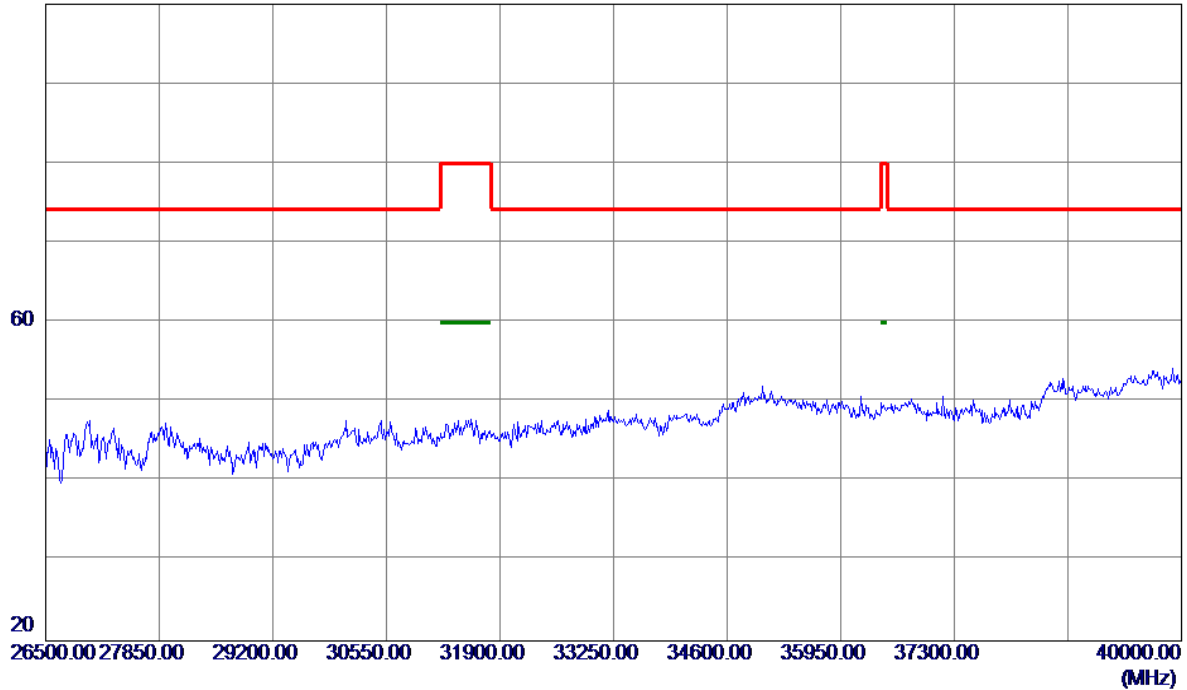


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

100 dBuV/m

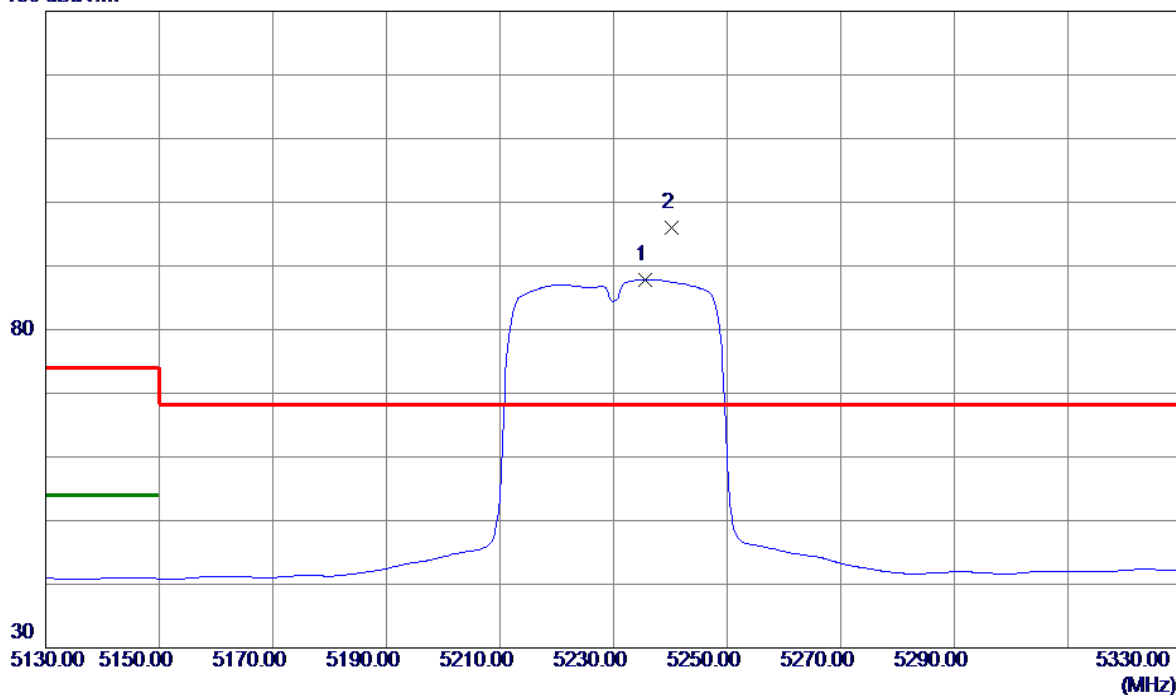


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

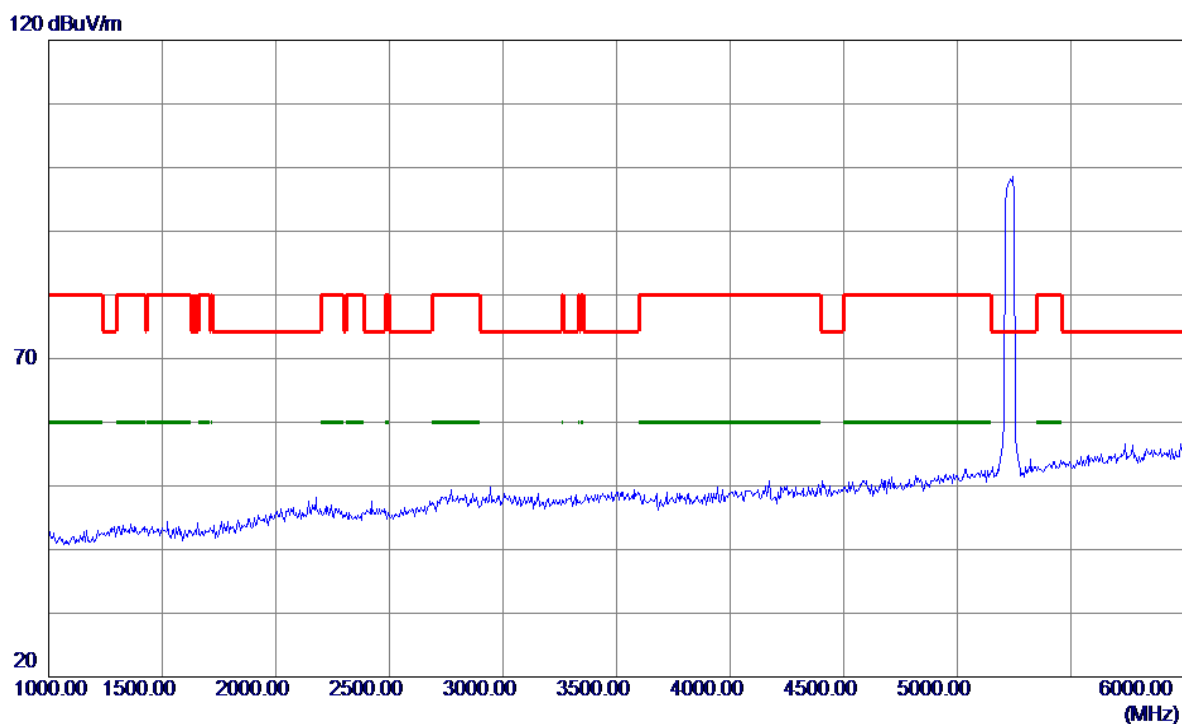
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5235.6000	46.24	41.54	87.78	999.00	-911.22	AVG	No Limit
2 *	5240.2000	54.35	41.56	95.91	68.30	27.61	Peak	No Limit

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

Horizontal

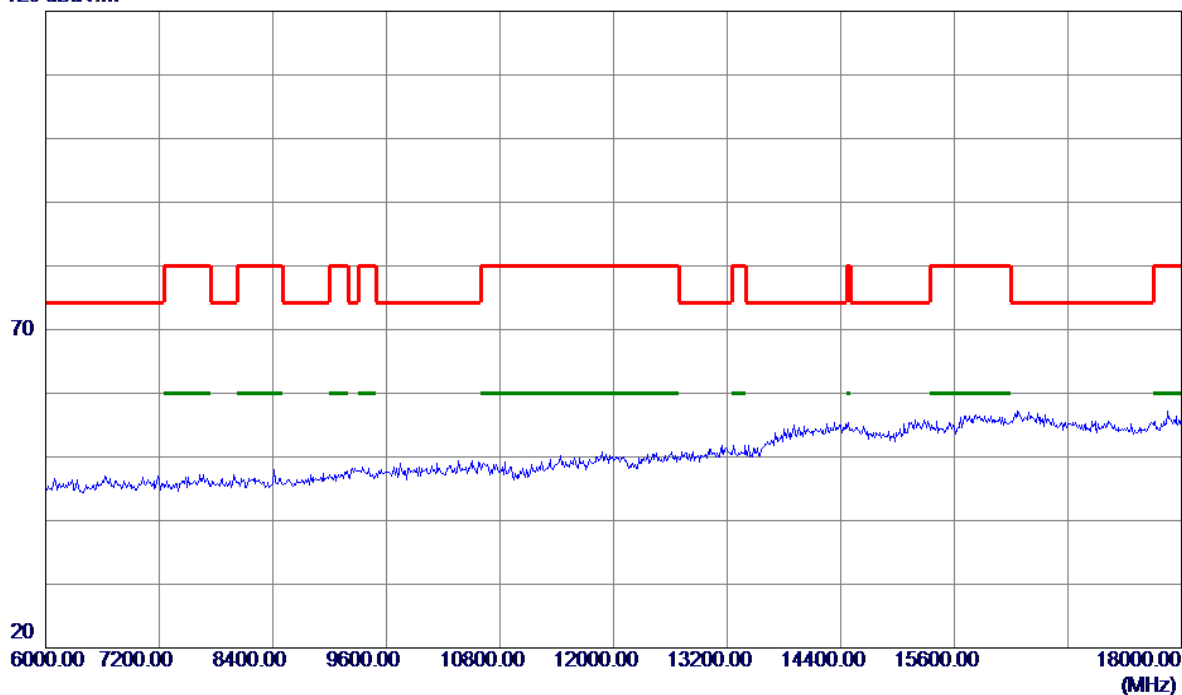


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

120 dBuV/m

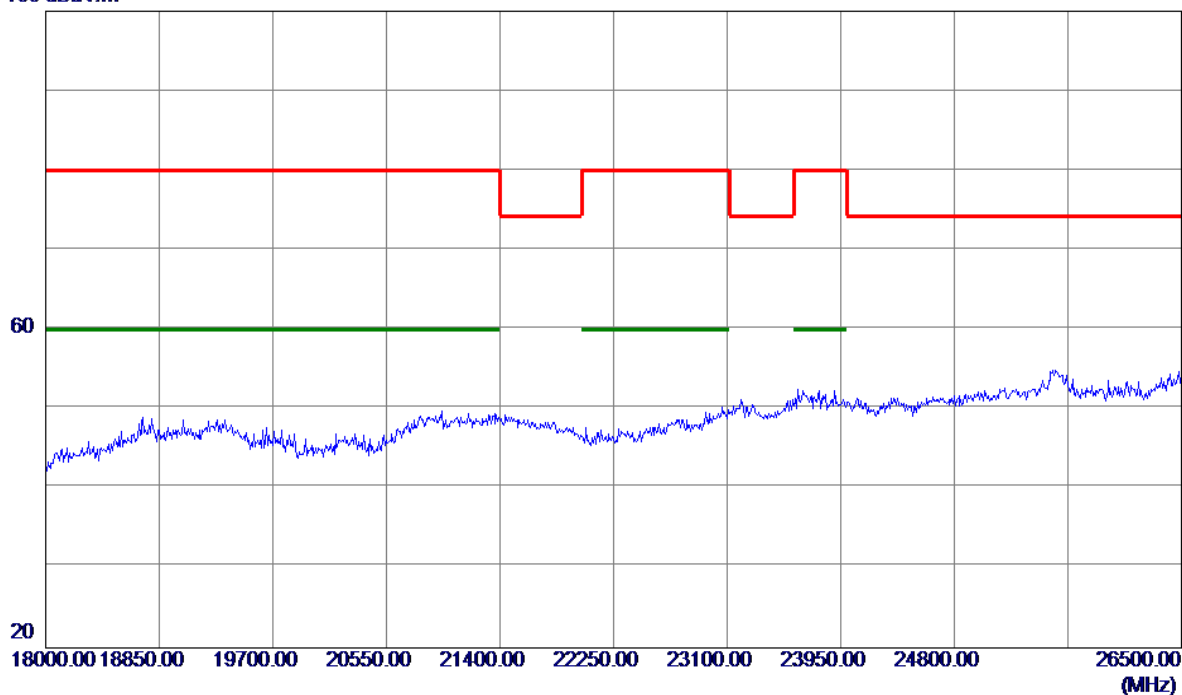


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

100 dBuV/m

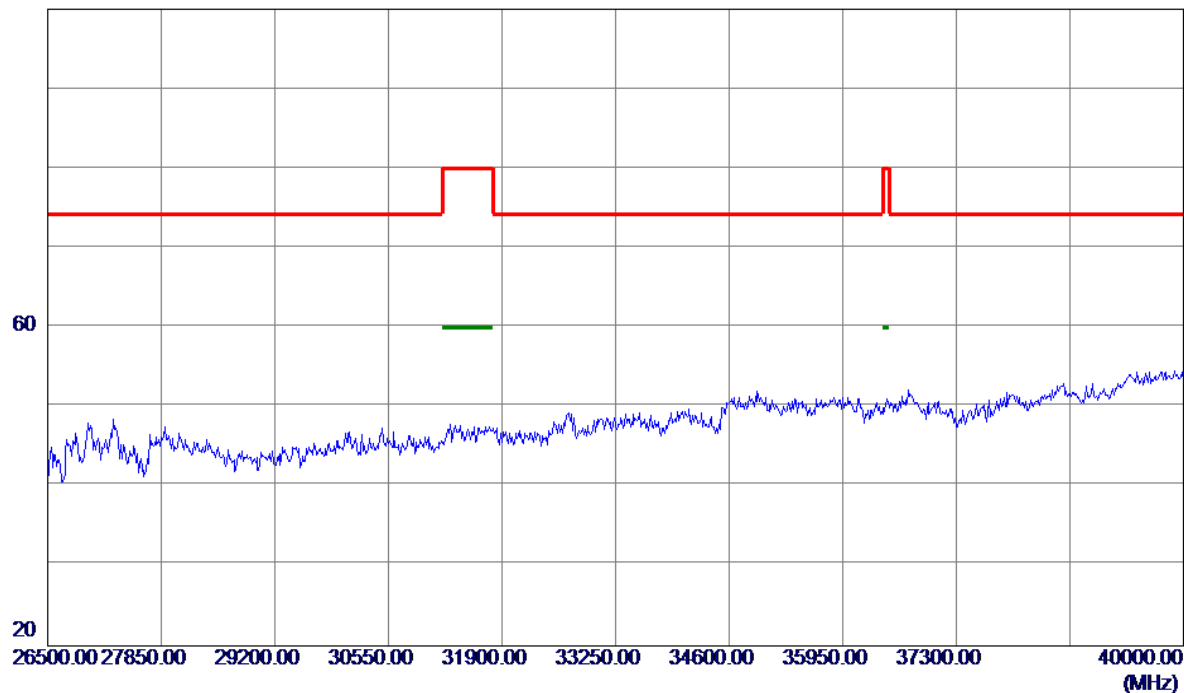


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

100 dBuV/m

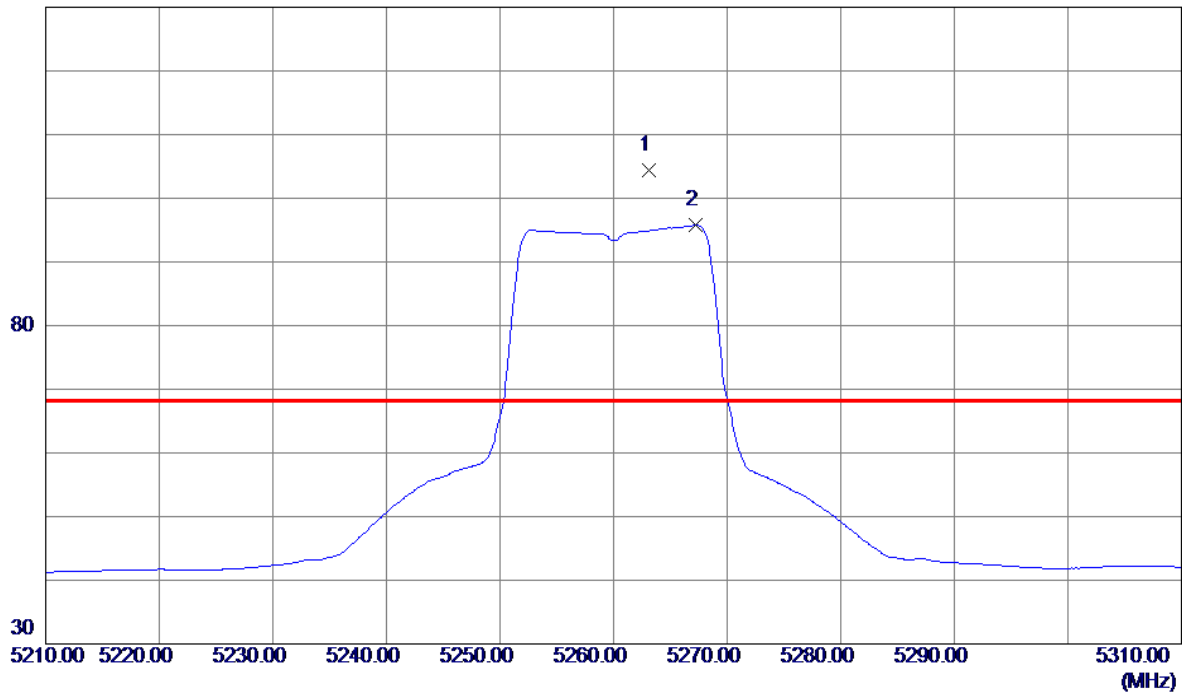


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

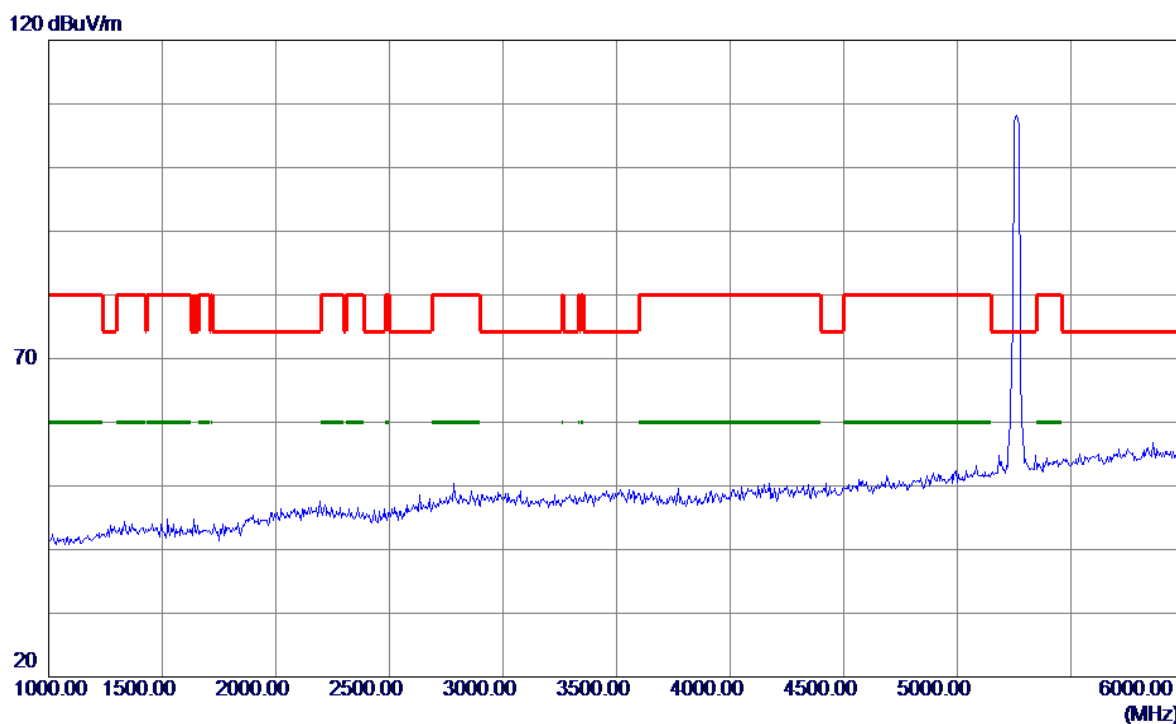
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5263.1000	62.64	41.68	104.32	68.30	36.02	Peak	No Limit
2	5267.2000	54.02	41.70	95.72	999.00	-903.28	AVG	No Limit

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

Vertical

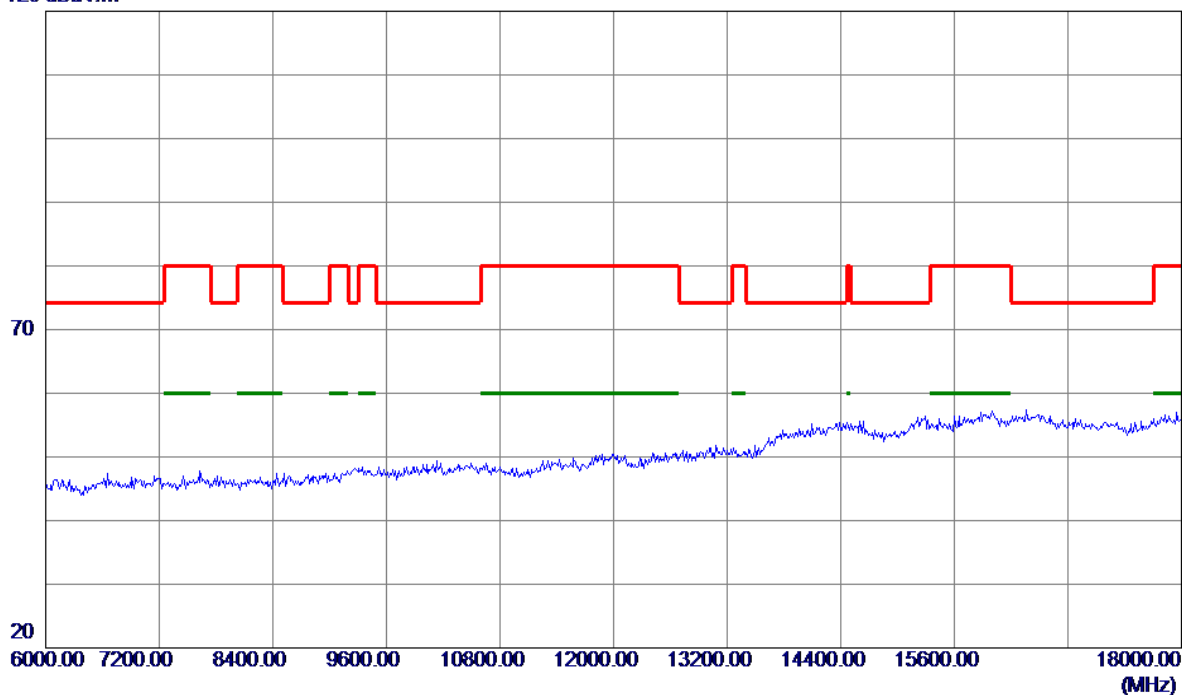


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

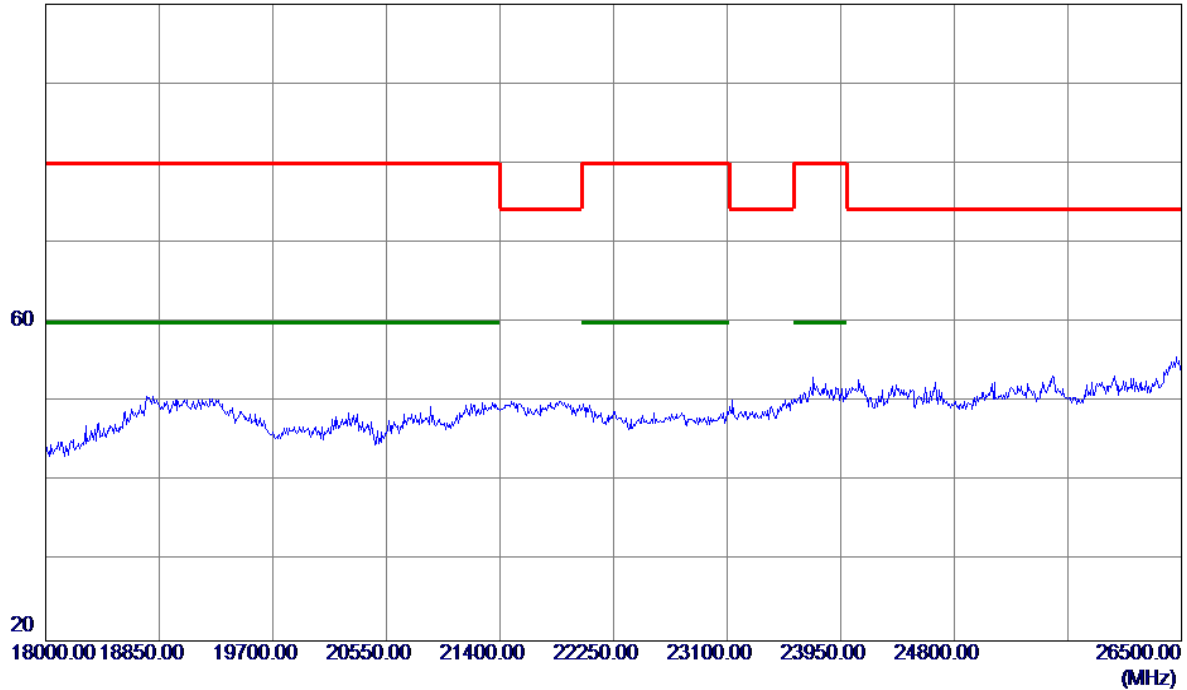


No.	Freq.	Reading	Correct	Measure	Limit	Margin	Detector	Comment
	MHz	Level	Factor	ment				
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

100 dBuV/m

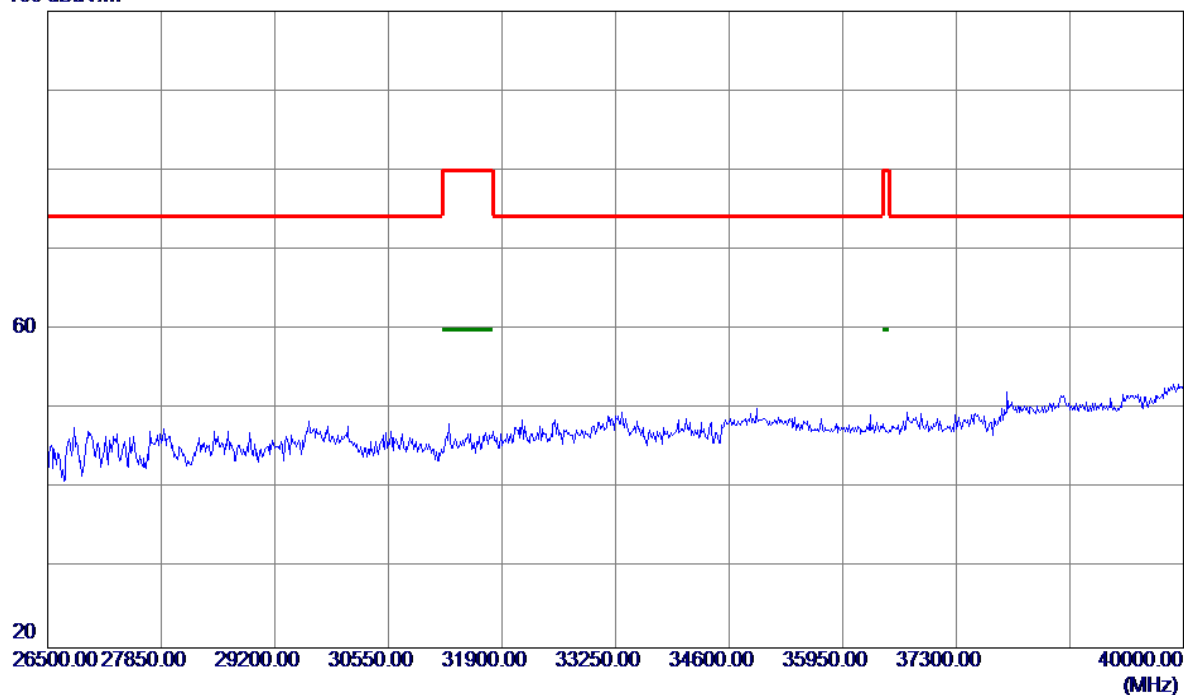


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

100 dBuV/m

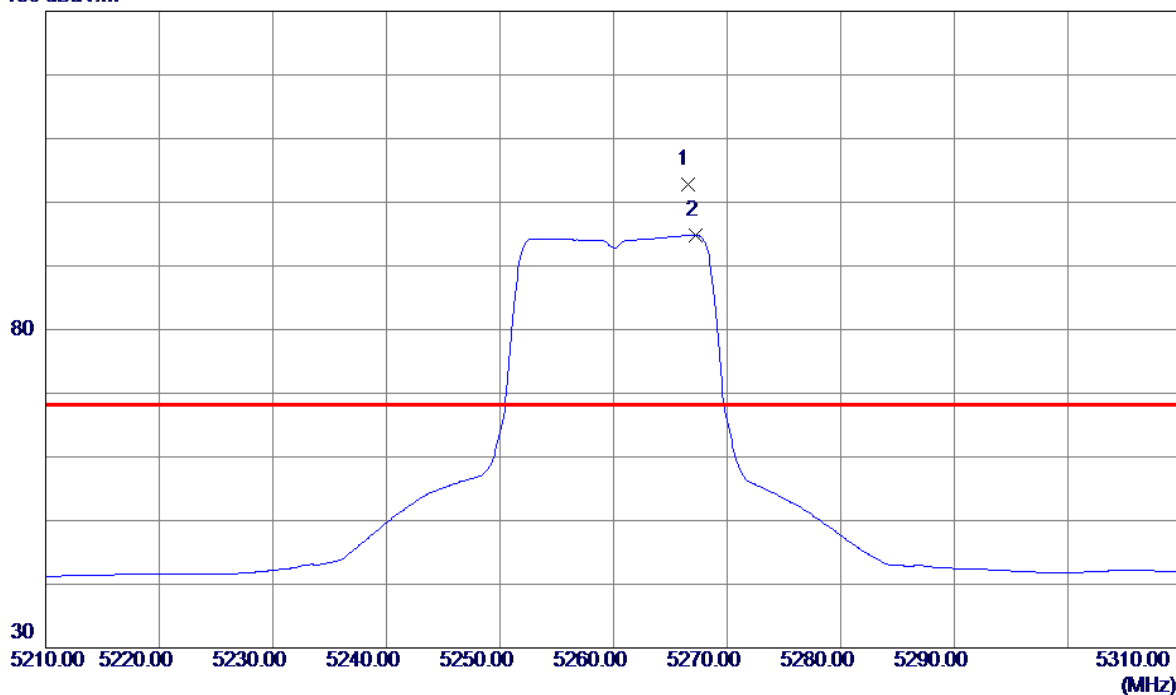


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

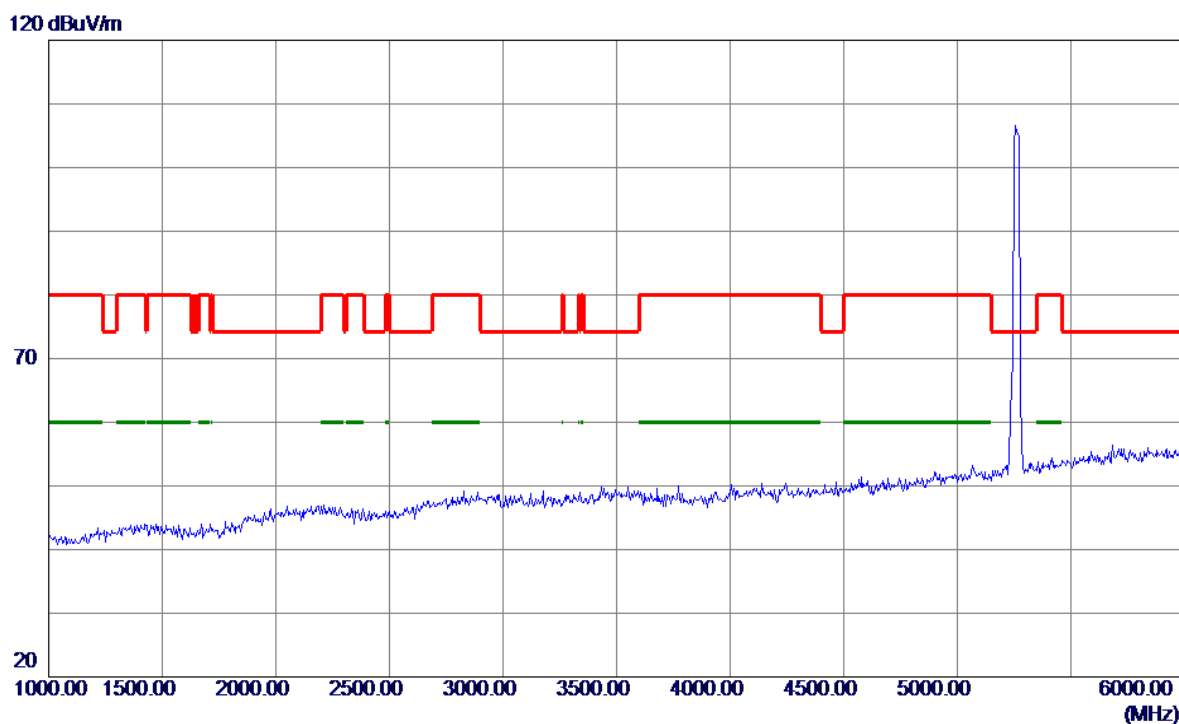
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5266.5000	61.08	41.69	102.77	68.30	34.47	Peak	No Limit
2	5267.2000	53.10	41.70	94.80	999.00	-904.20	AVG	No Limit

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

Horizontal

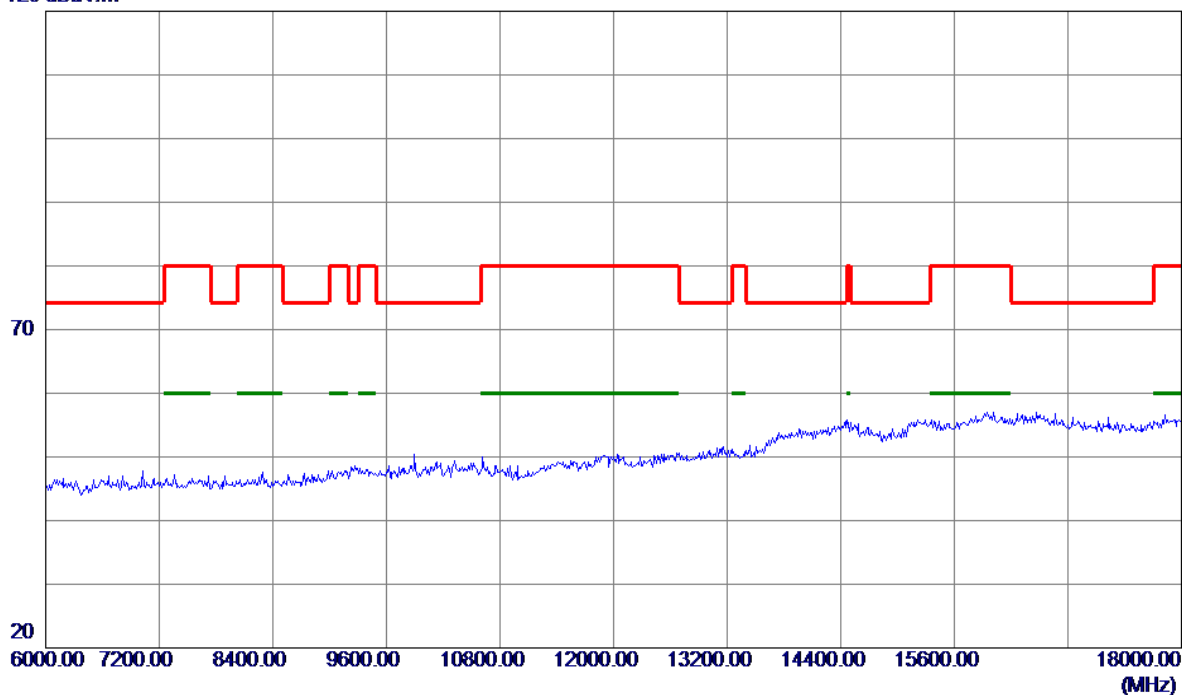


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

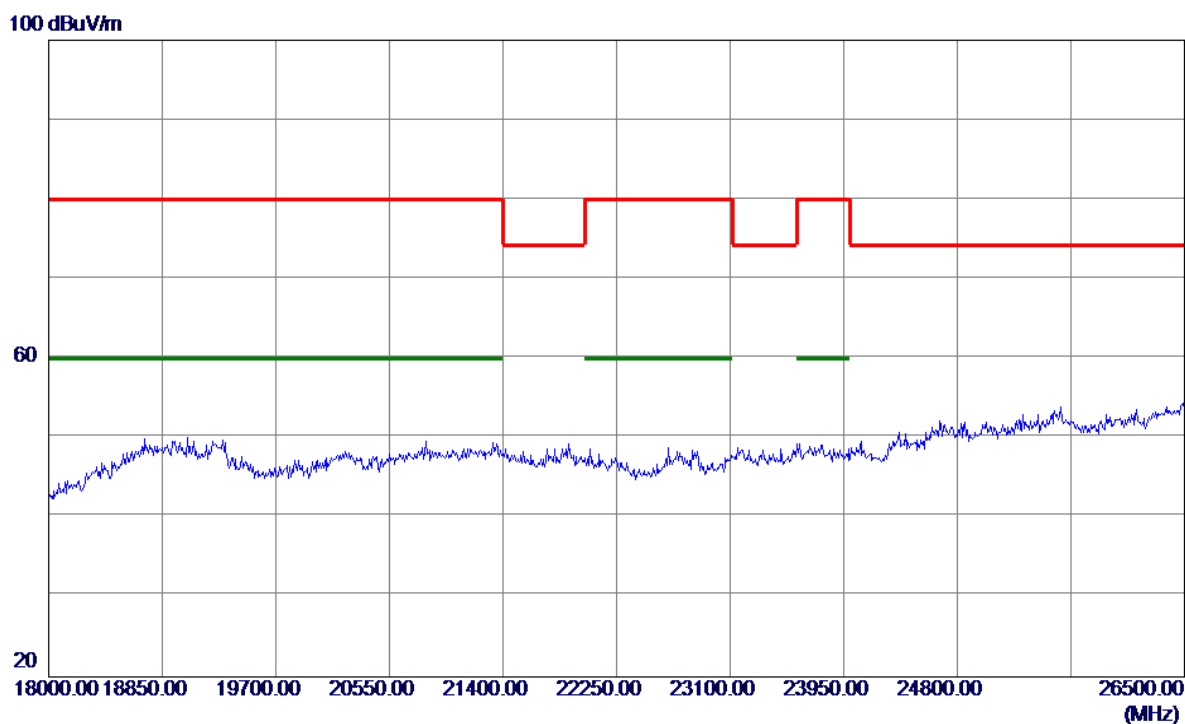
120 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

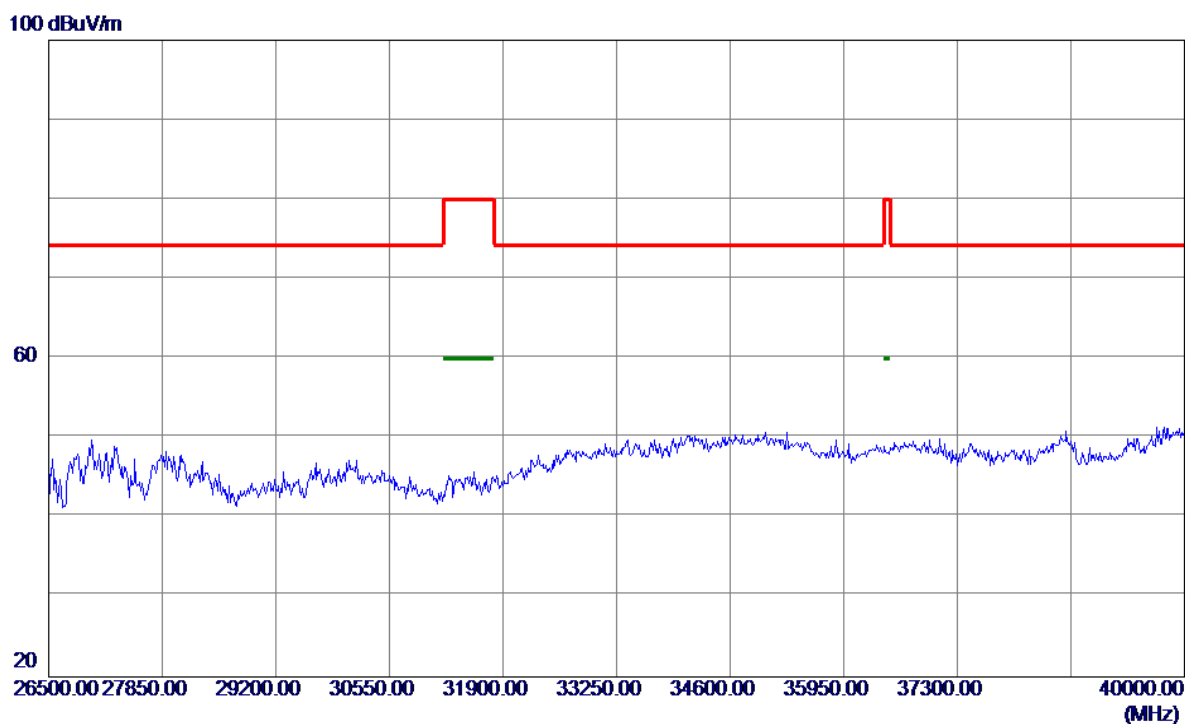
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

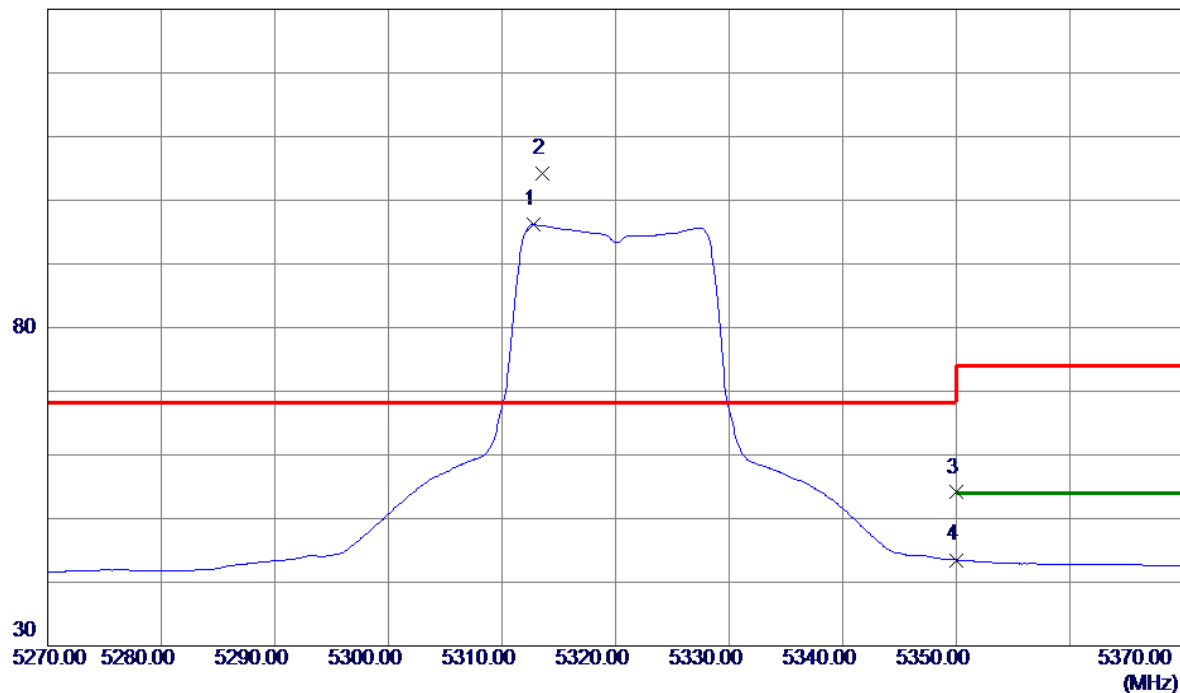


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

130 dBuV/m

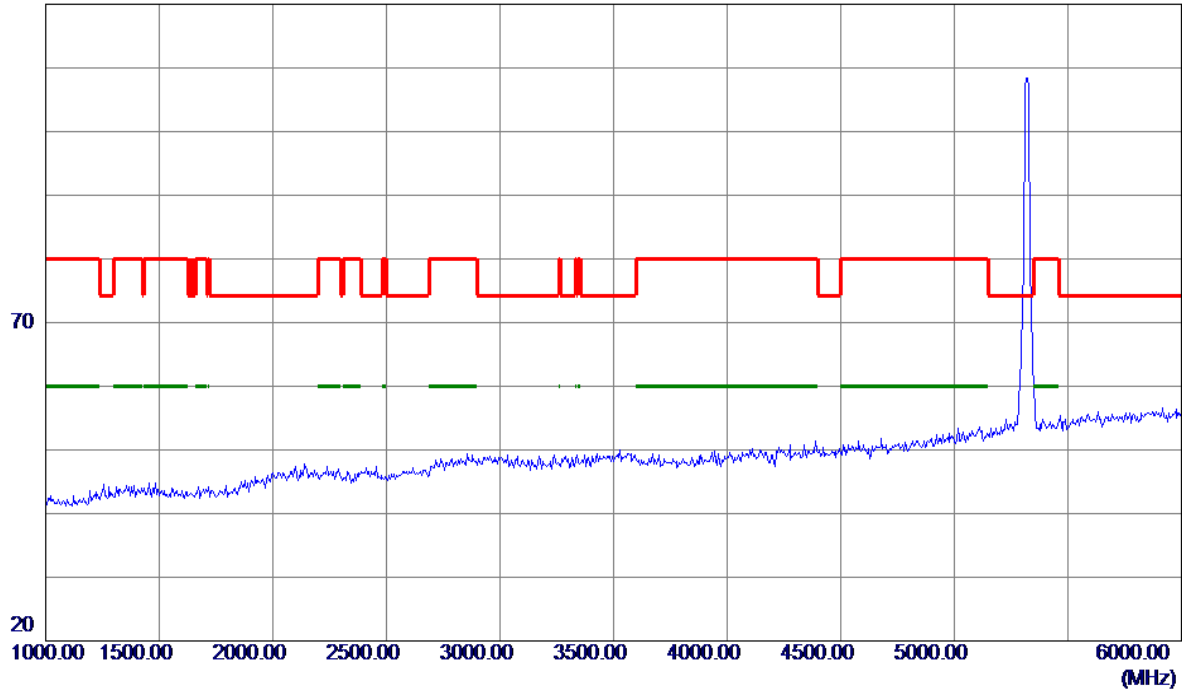


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.8000	54.19	41.93	96.12	999.00	-902.88	AVG	No Limit
2 *	5313.6000	62.25	41.93	104.18	68.30	35.88	Peak	No Limit
3	5350.0000	11.98	42.12	54.10	68.30	-14.20	Peak	
4	5350.0000	1.38	42.12	43.50	999.00	-955.50	AVG	

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

Vertical

120 dBuV/m

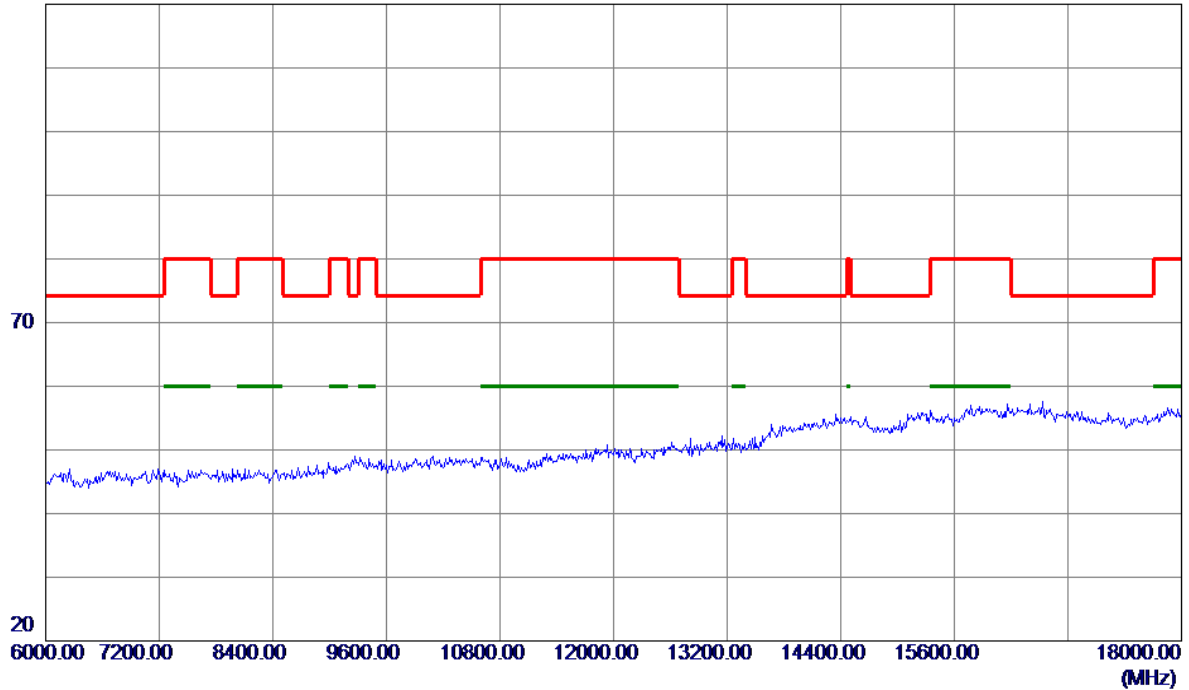


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

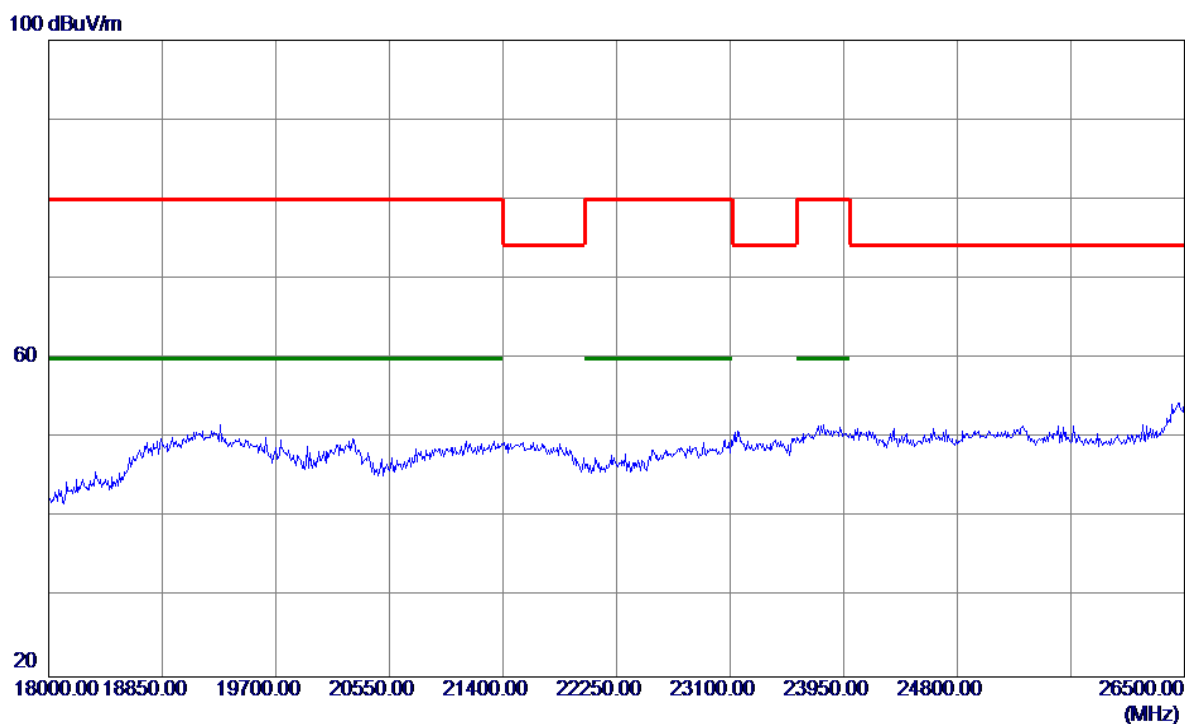
120 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

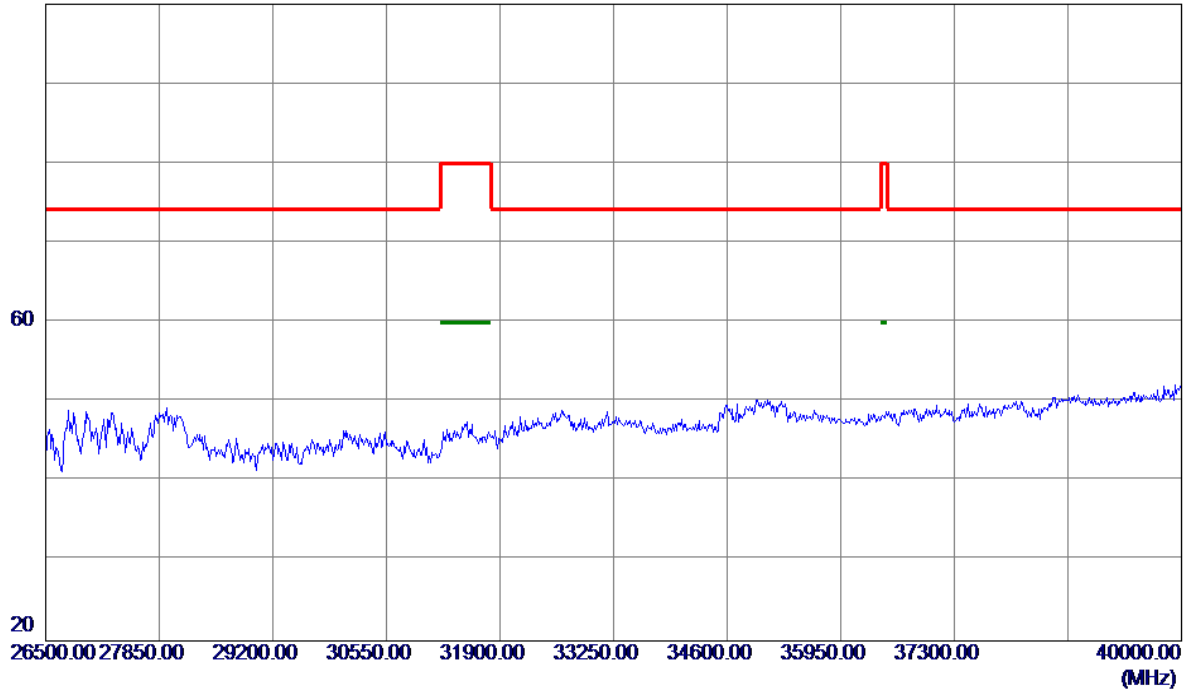


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

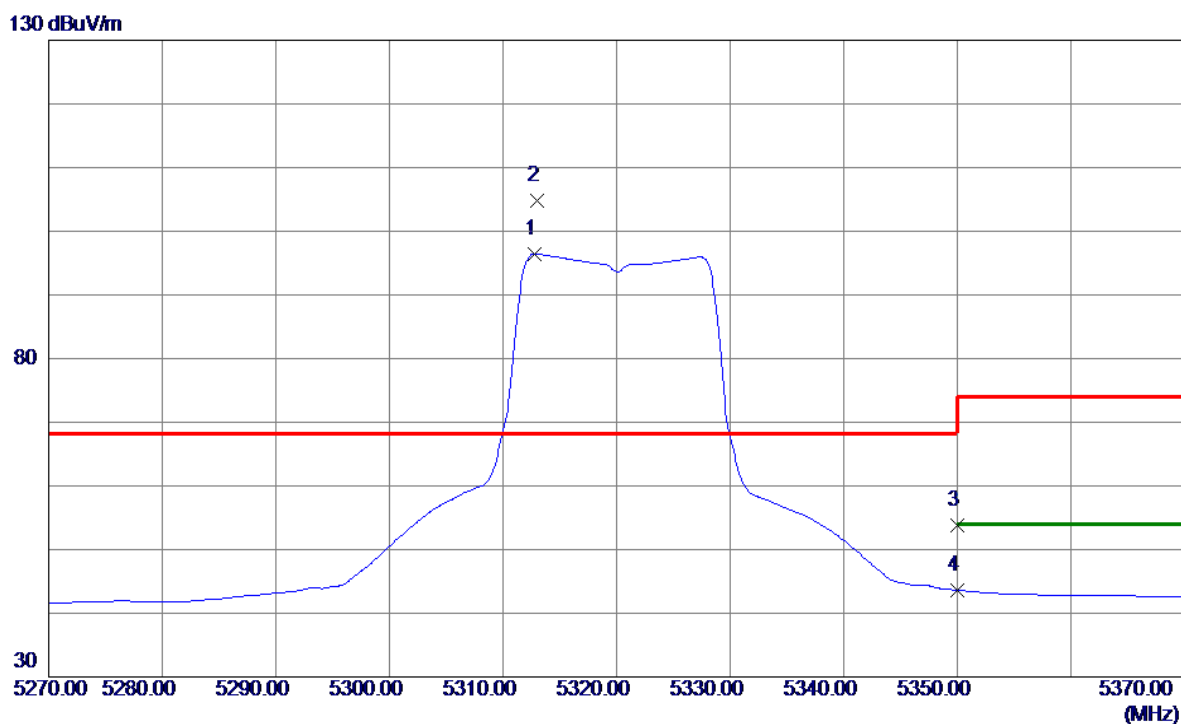
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

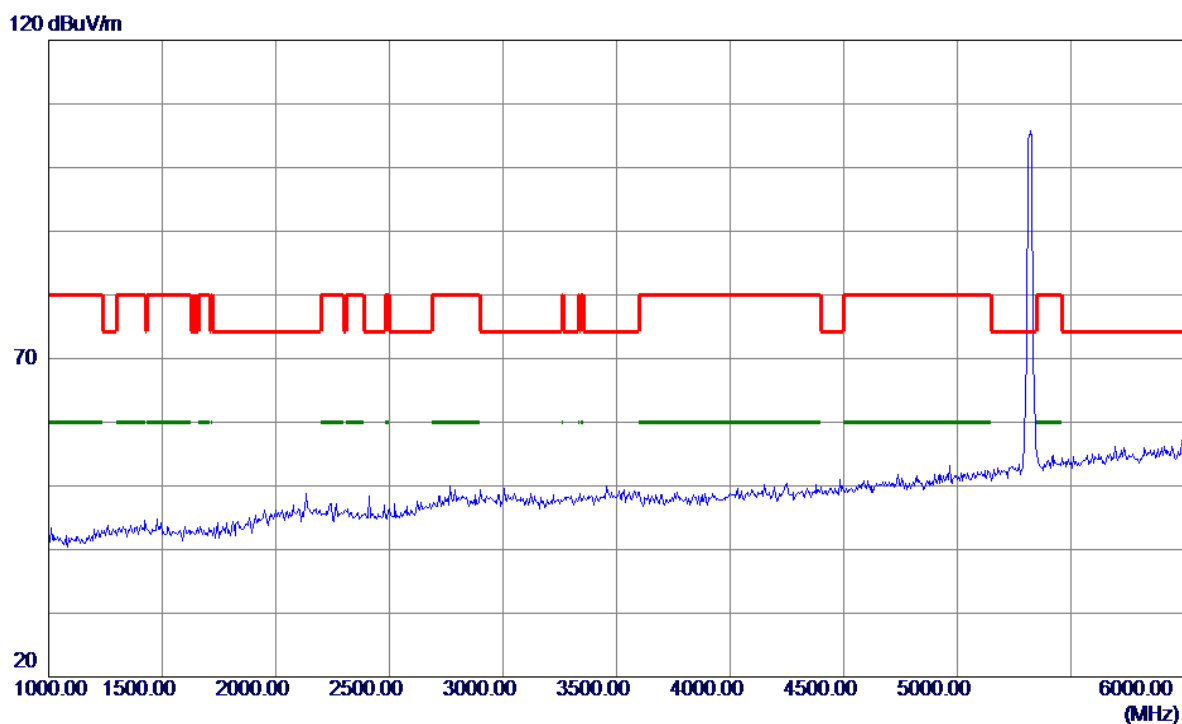
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.8000	54.50	41.93	96.43	999.00	-902.57	AVG	No Limit
2 *	5313.0000	62.85	41.93	104.78	68.30	36.48	Peak	No Limit
3	5350.0000	11.69	42.12	53.81	68.30	-14.49	Peak	
4	5350.0000	1.48	42.12	43.60	999.00	-955.40	AVG	

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

Horizontal

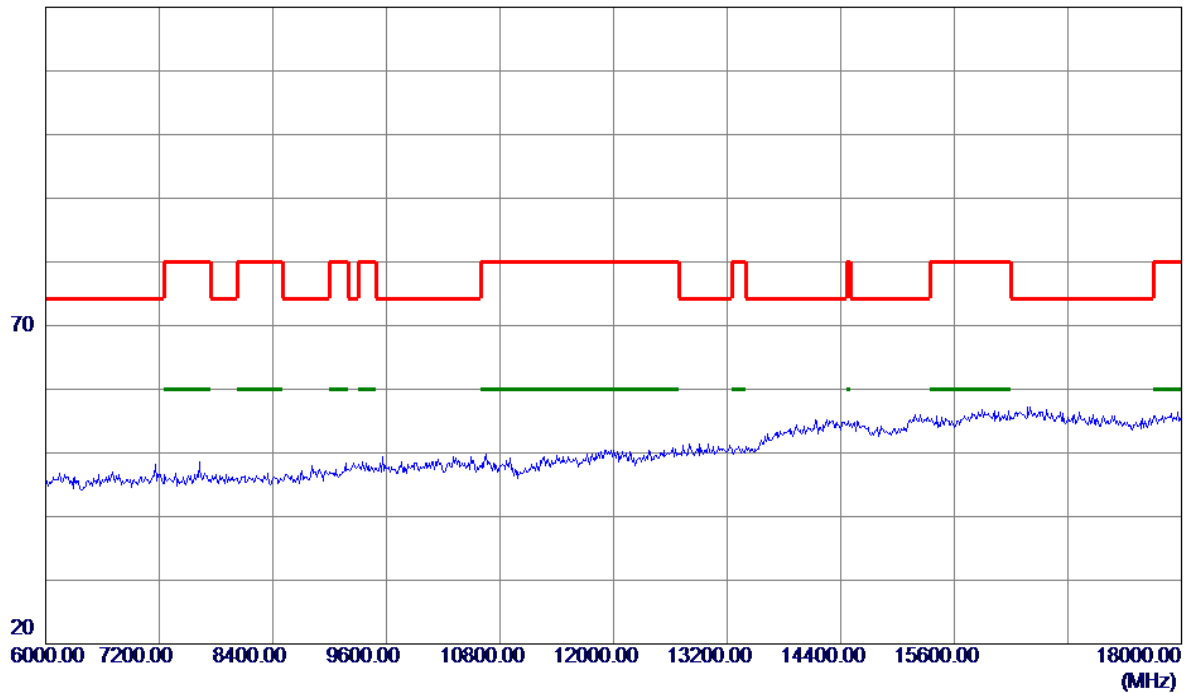


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

120 dBuV/m

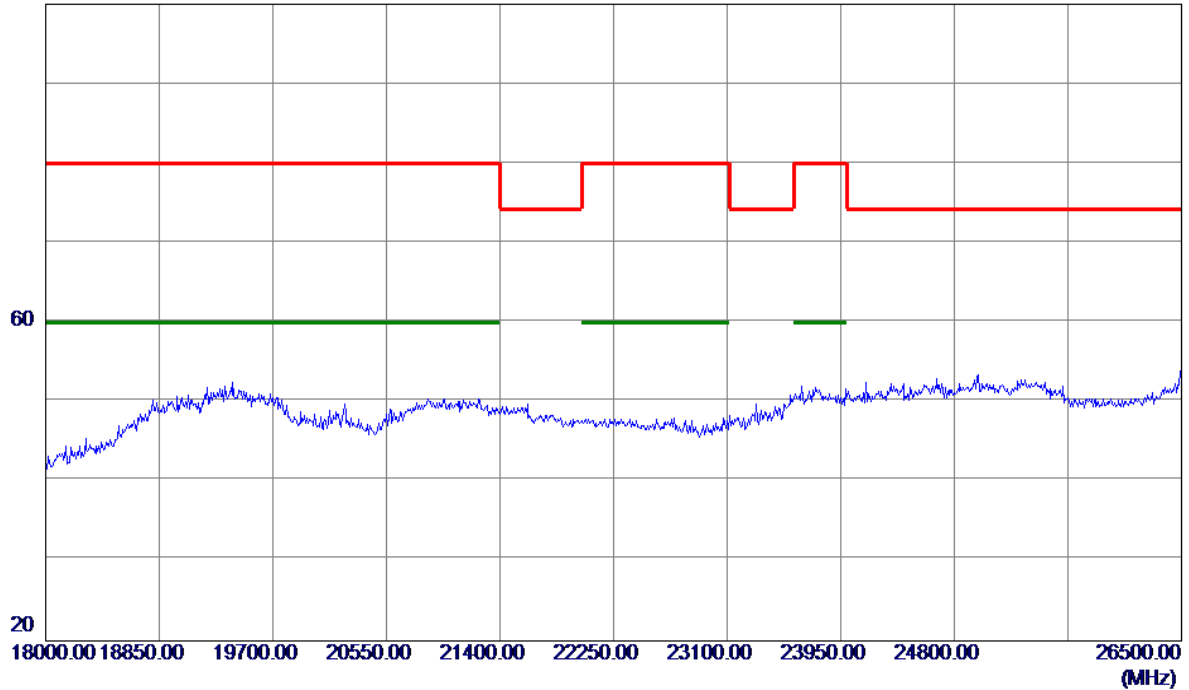


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

100 dBuV/m

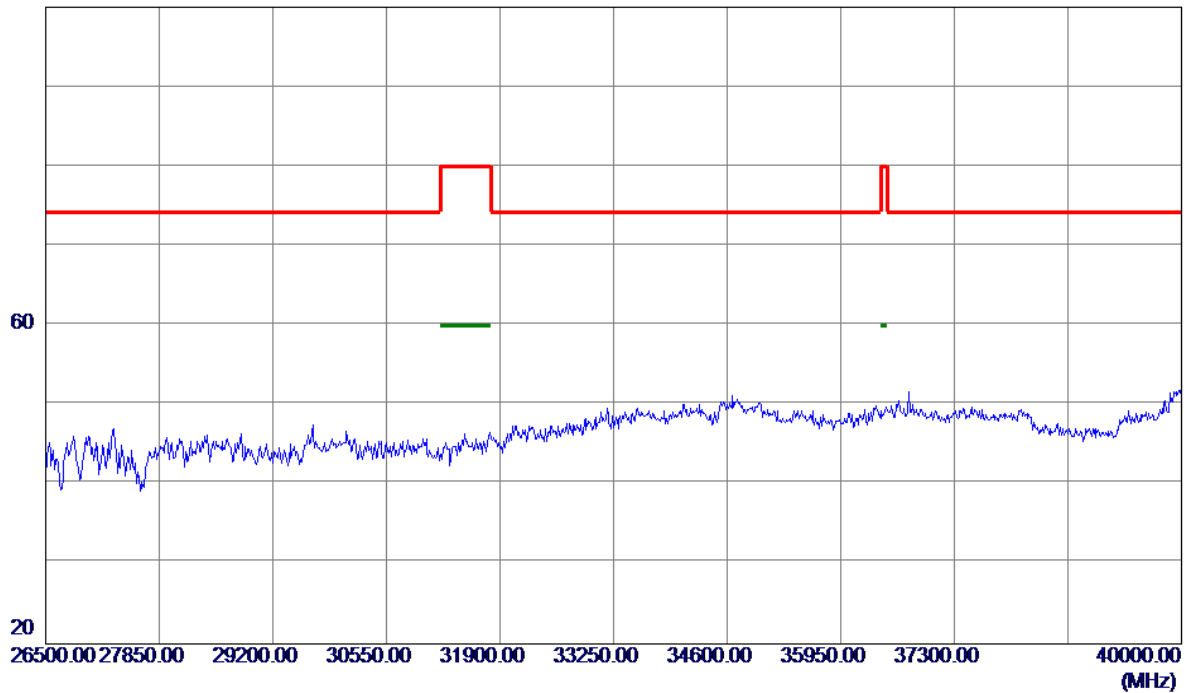


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX A Mode 5320MHz

Horizontal

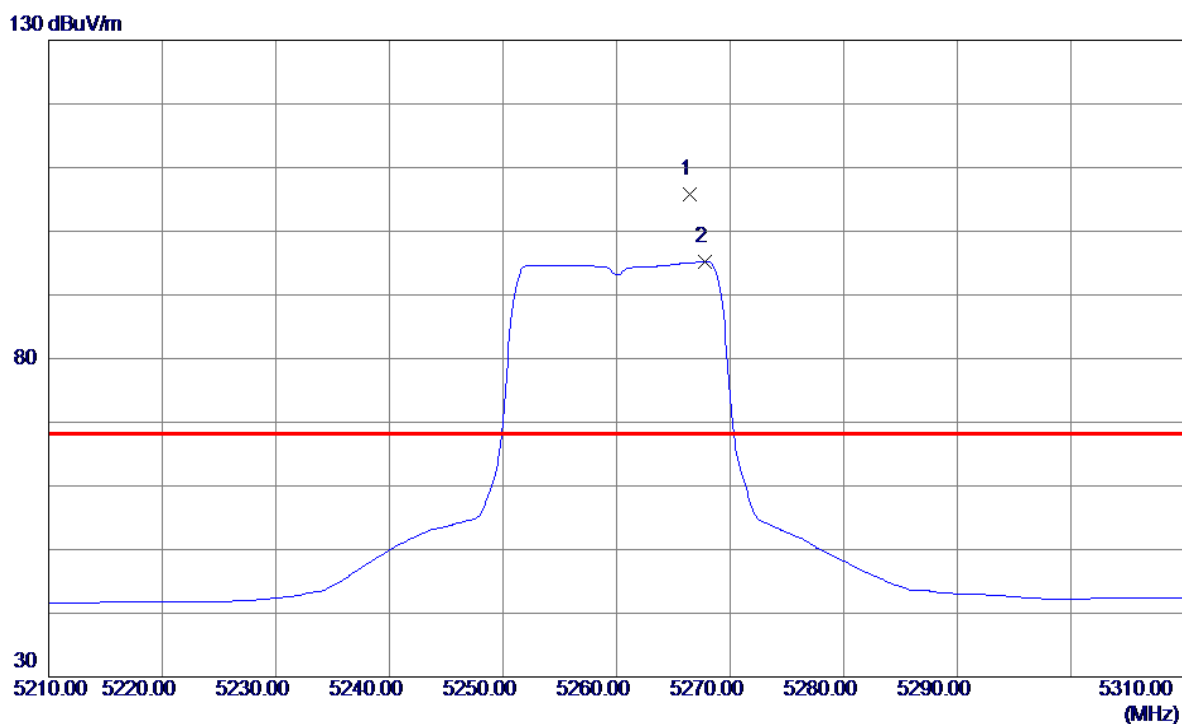
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

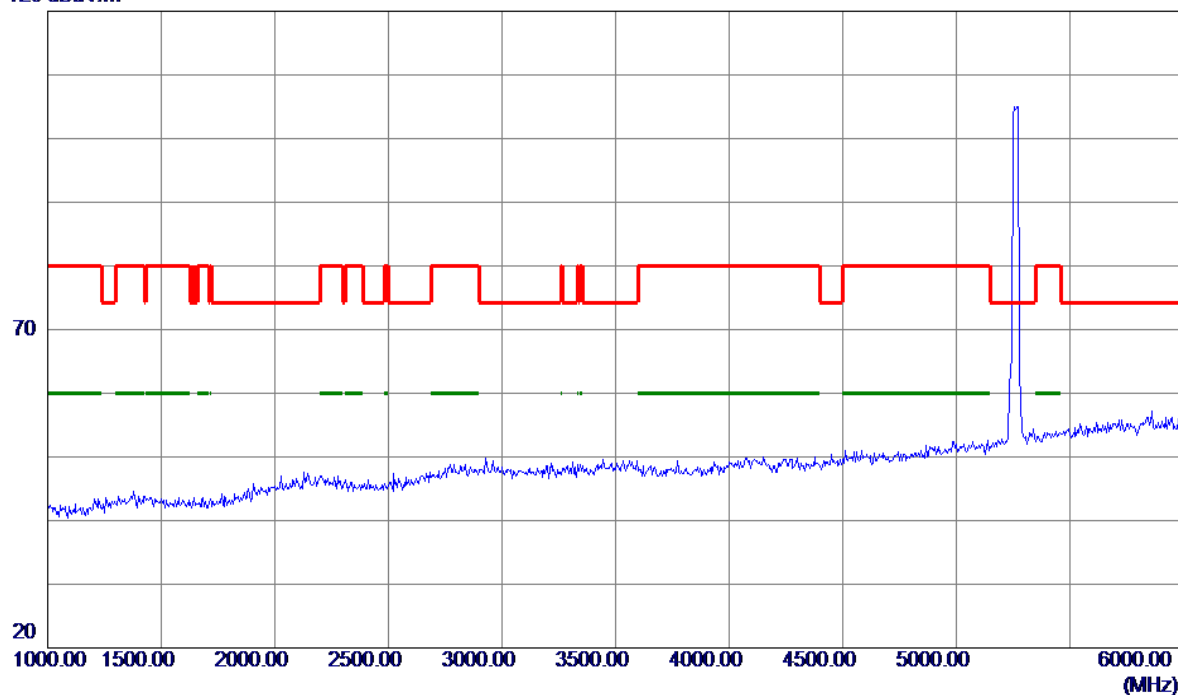


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5266.4000	64.02	41.69	105.71	68.30	37.41	Peak	No Limit
2	5267.8000	53.55	41.70	95.25	999.00	-903.75	AVG	No Limit

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

Vertical

120 dBuV/m

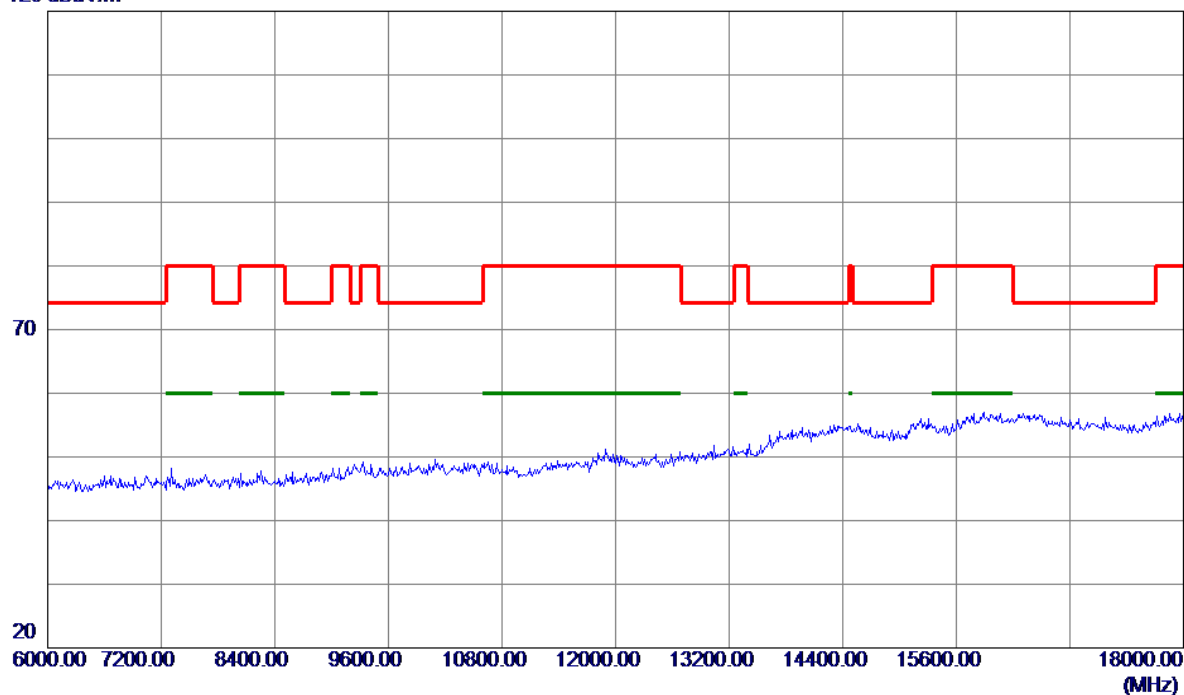


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

120 dBuV/m

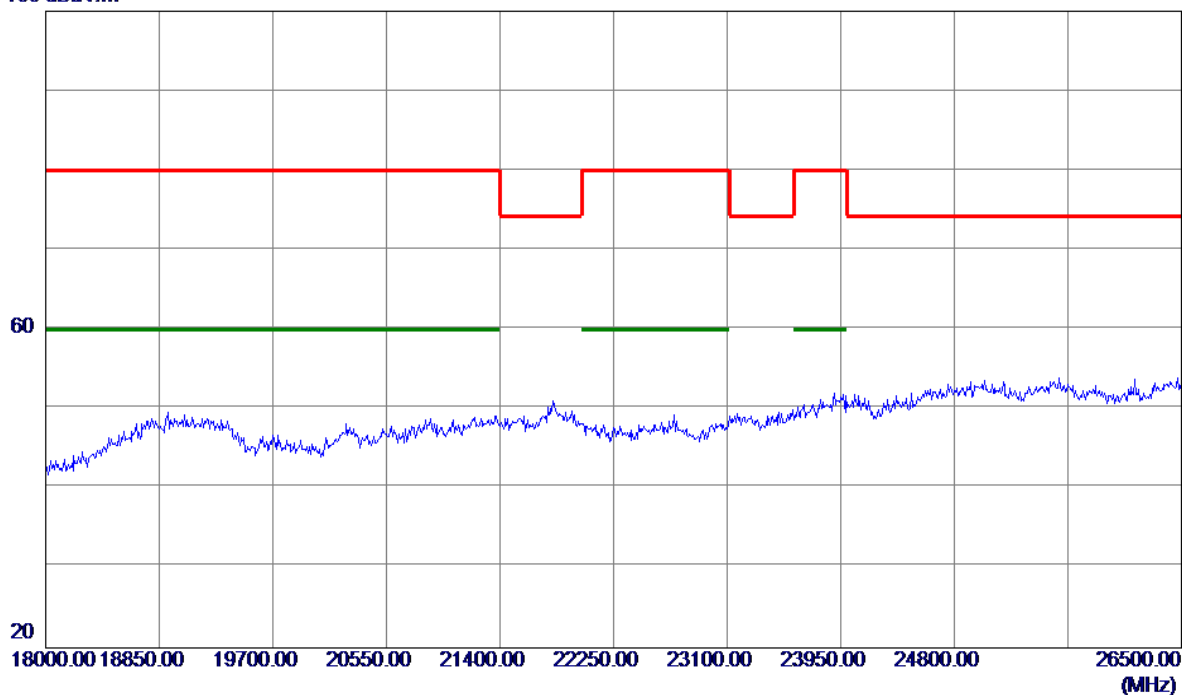


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

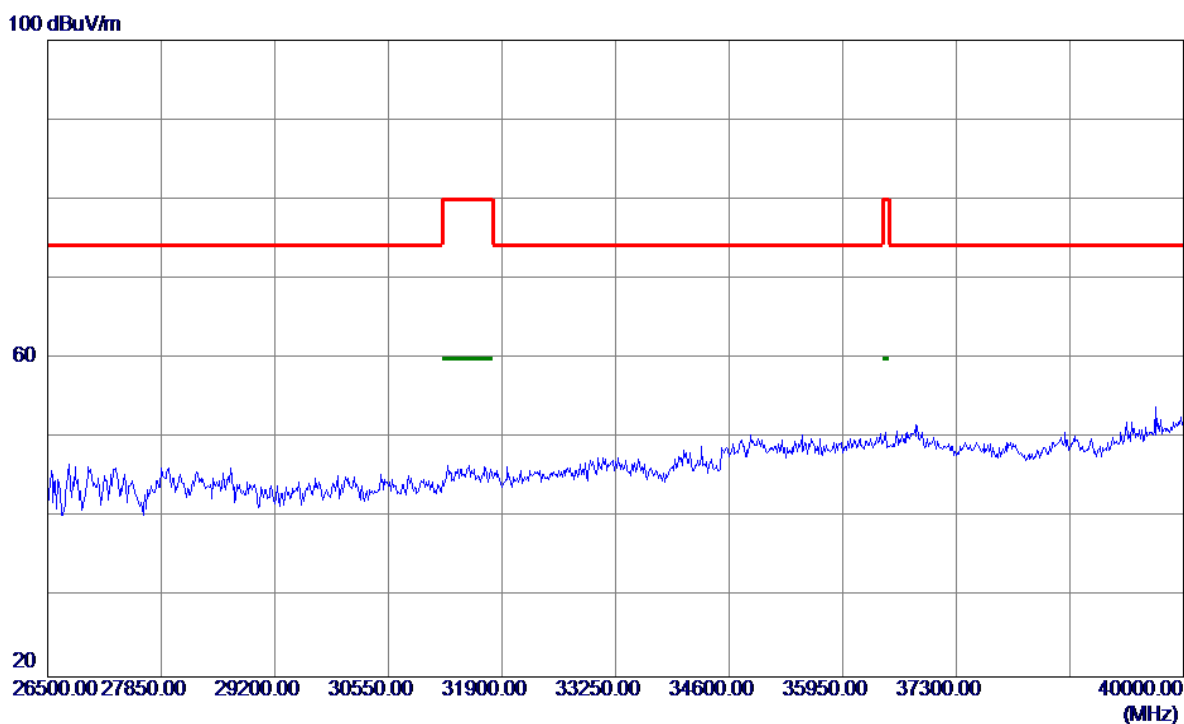
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

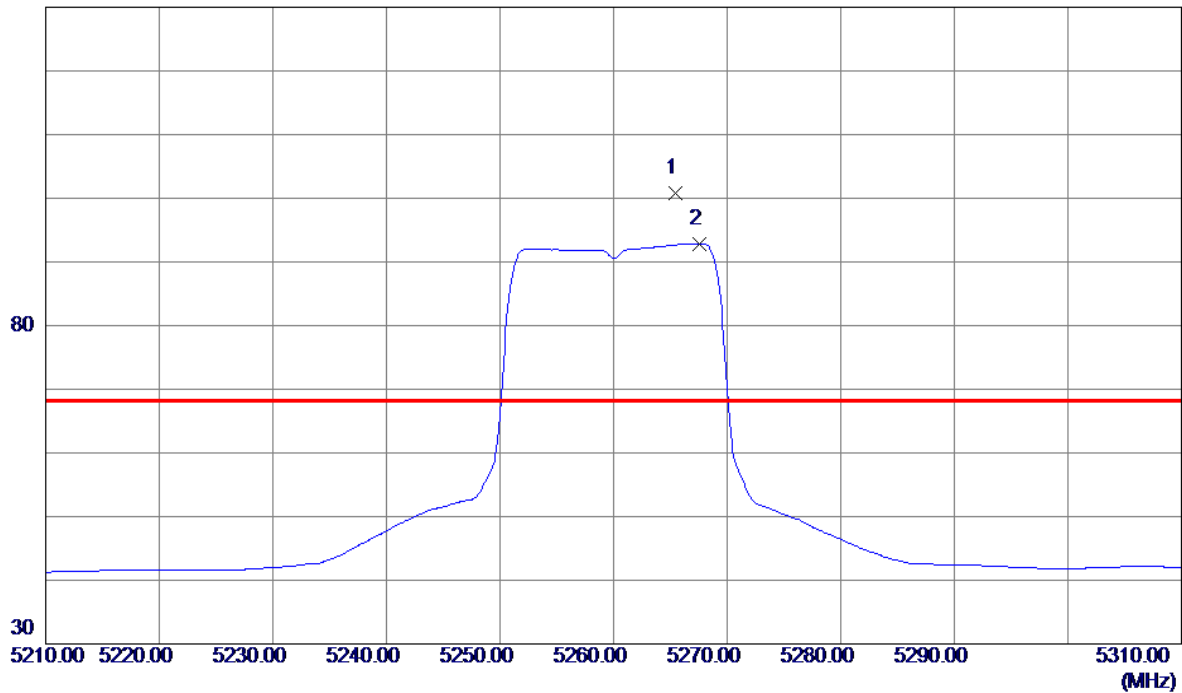


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

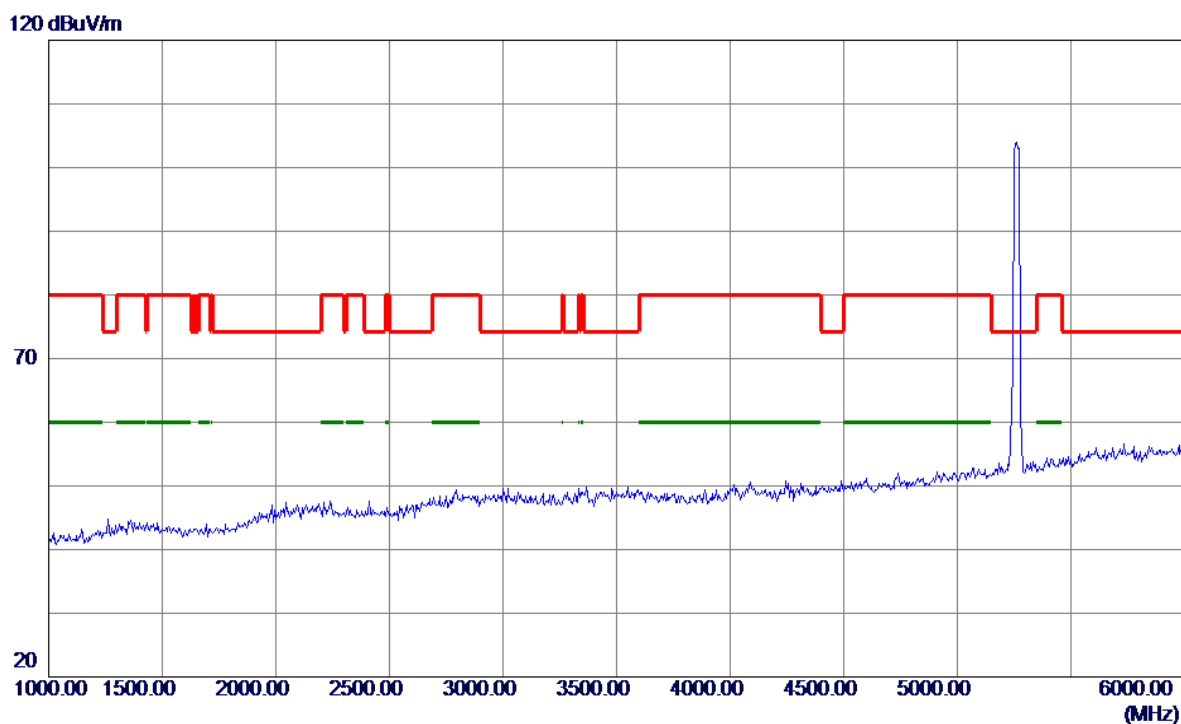
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5265.4000	59.07	41.69	100.76	68.30	32.46	Peak	No Limit
2	5267.6000	51.15	41.70	92.85	999.00	-906.15	AVG	No Limit

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

Horizontal

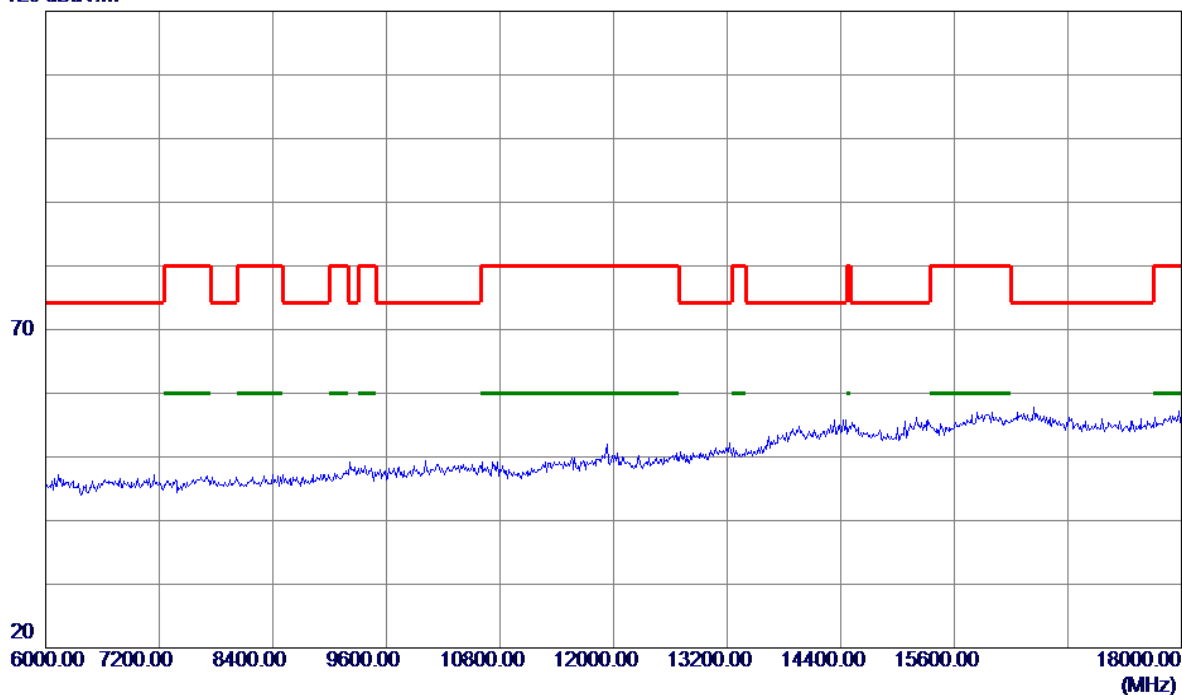


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m

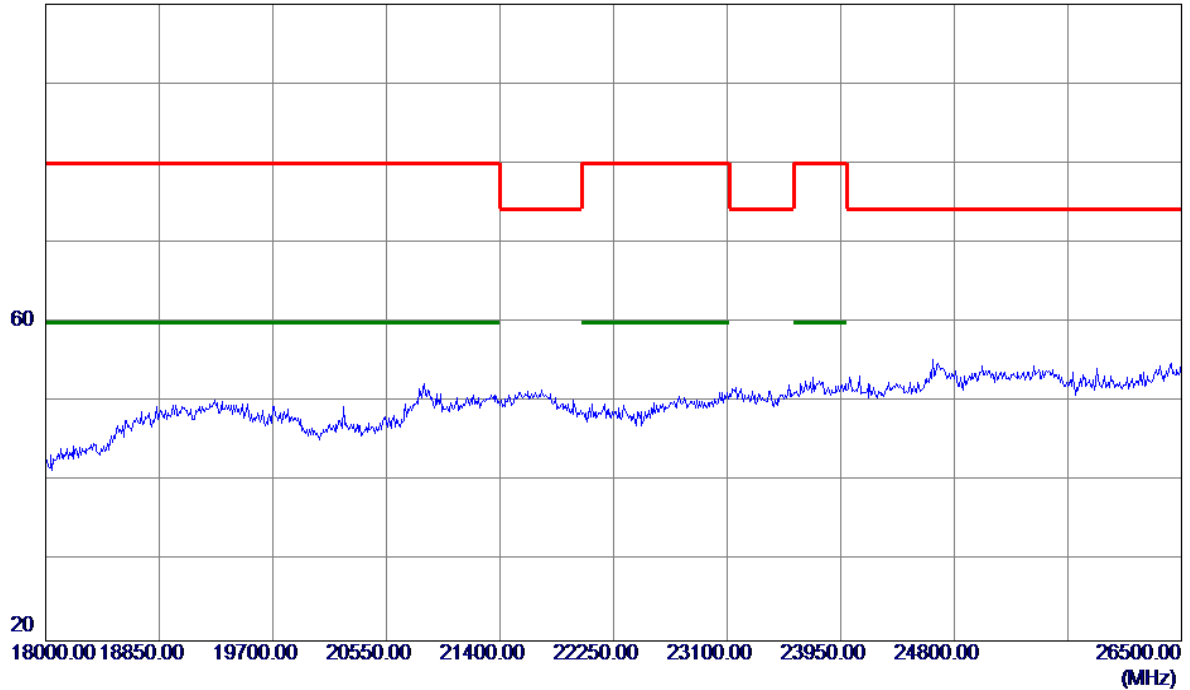


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

100 dBuV/m

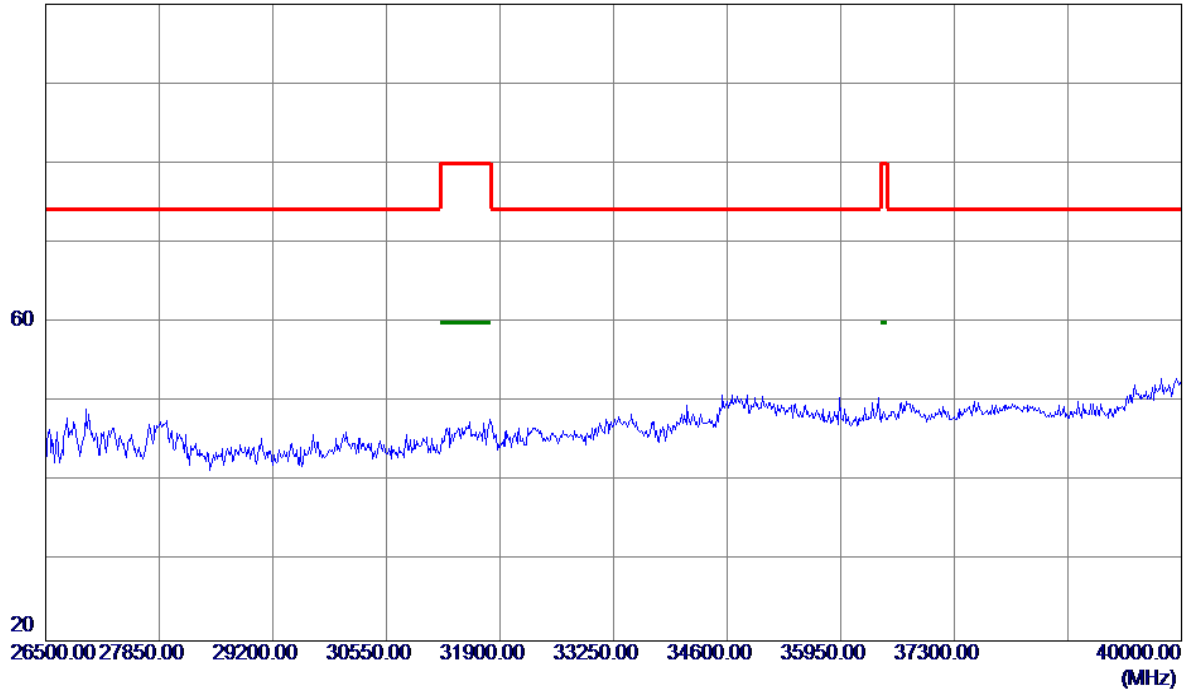


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

100 dBuV/m

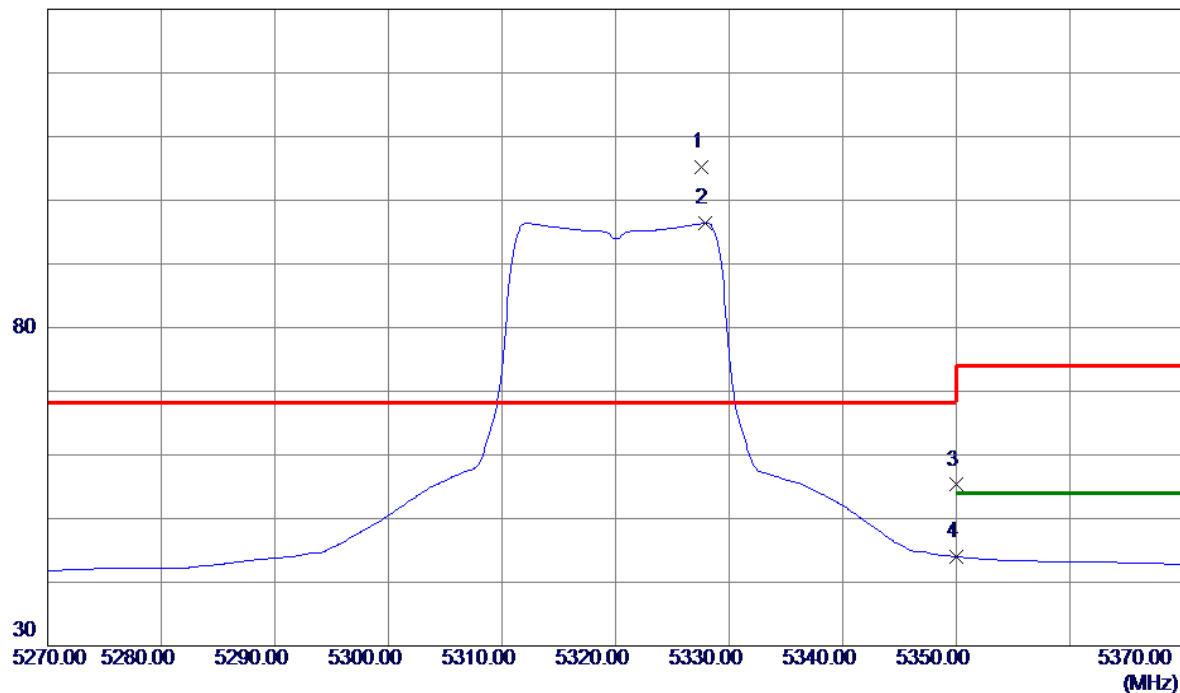


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N20 Mode 5320MHz

Vertical

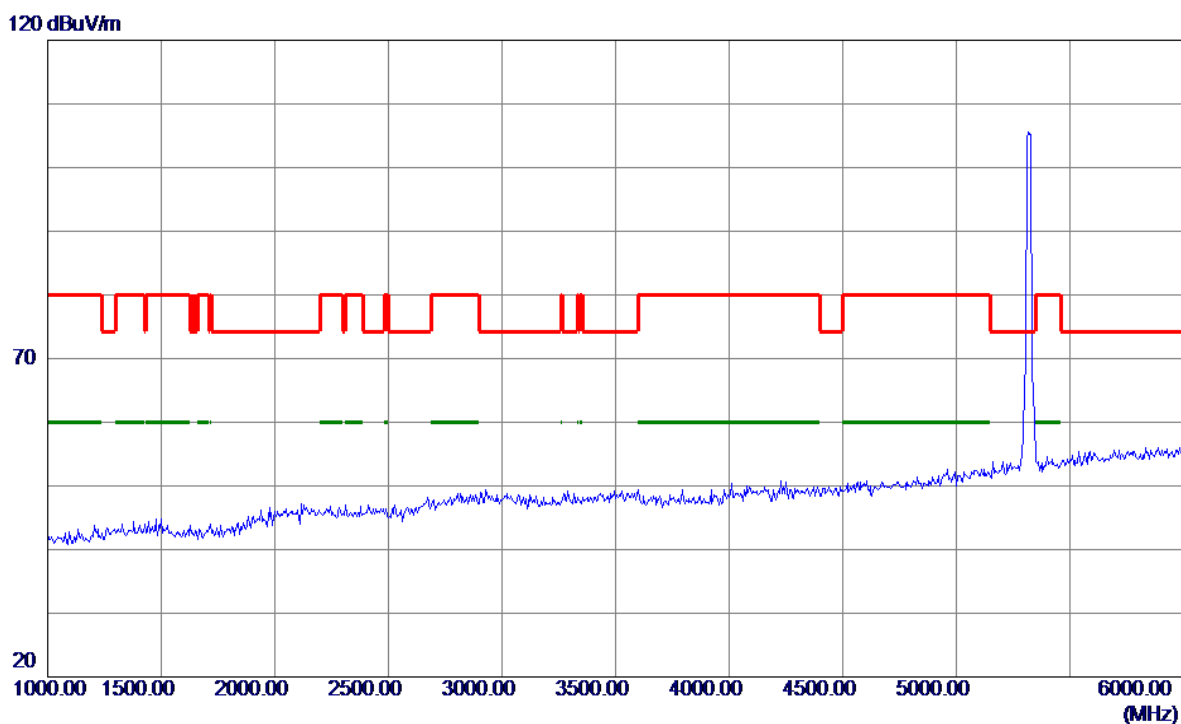
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5327.6000	63.14	42.00	105.14	68.30	36.84	Peak	No Limit
2	5327.9000	54.41	42.01	96.42	999.00	-902.58	AVG	No Limit
3	5350.0000	13.18	42.12	55.30	68.30	-13.00	Peak	
4	5350.0000	1.89	42.12	44.01	999.00	-954.99	AVG	

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

Vertical

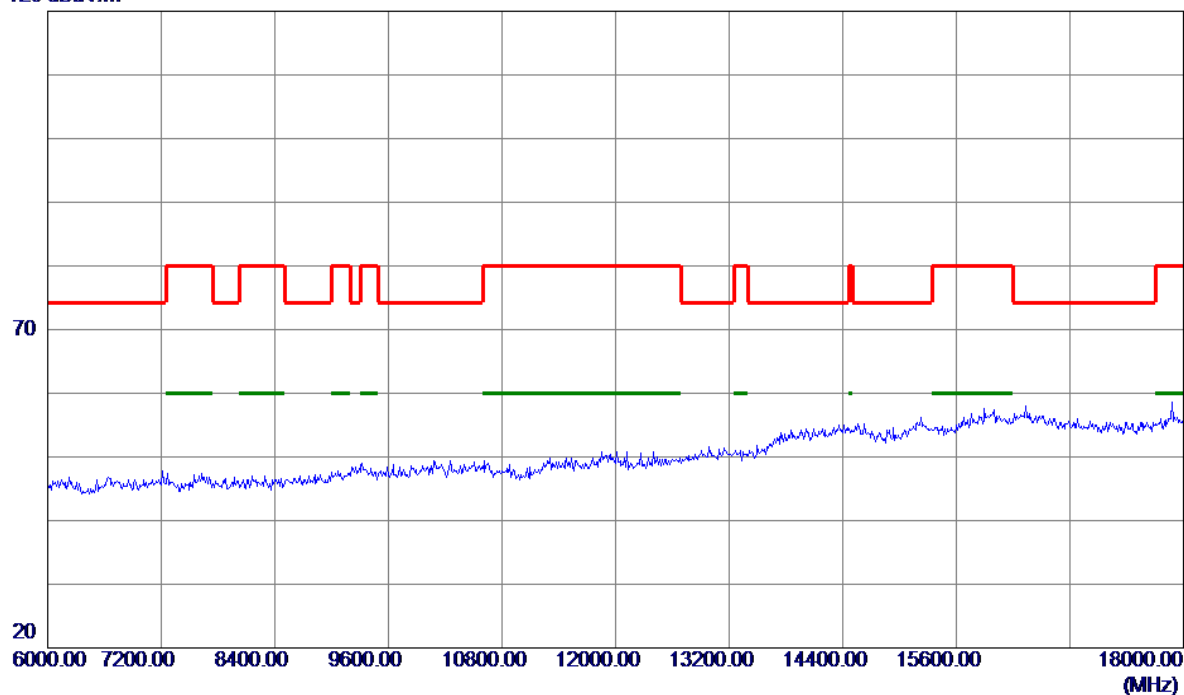


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

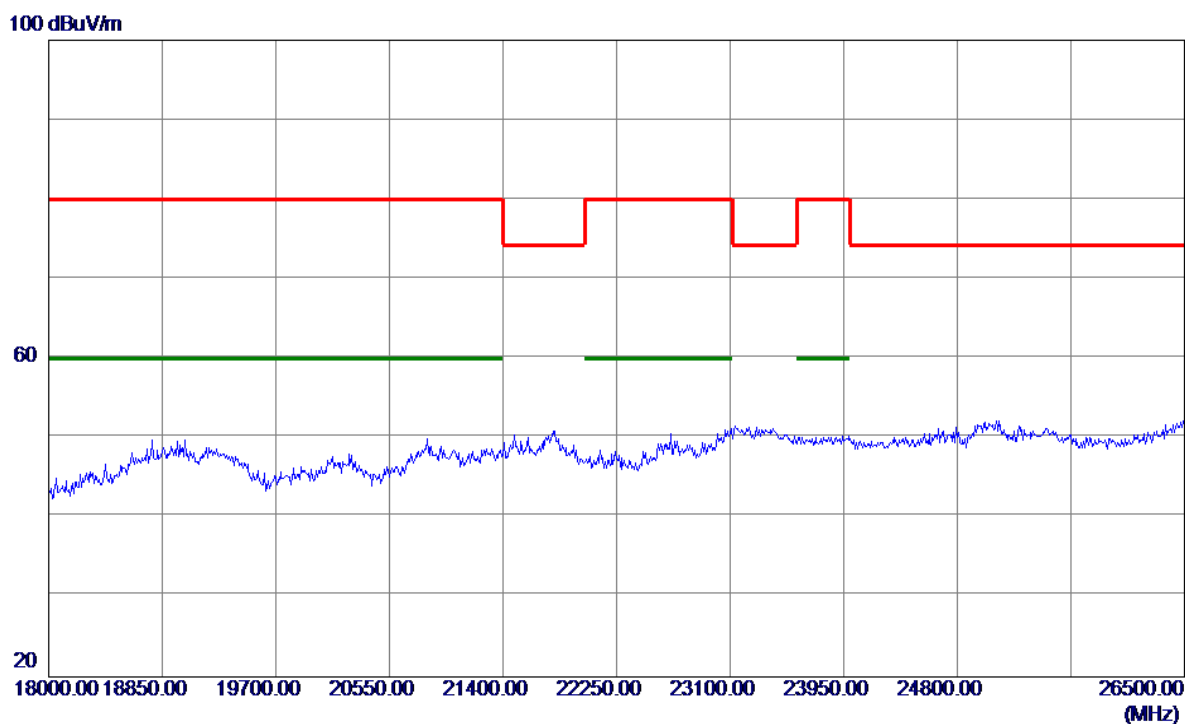
120 dBuV/m



No.	Freq.	Reading	Correct	Measure	Limit	Margin		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

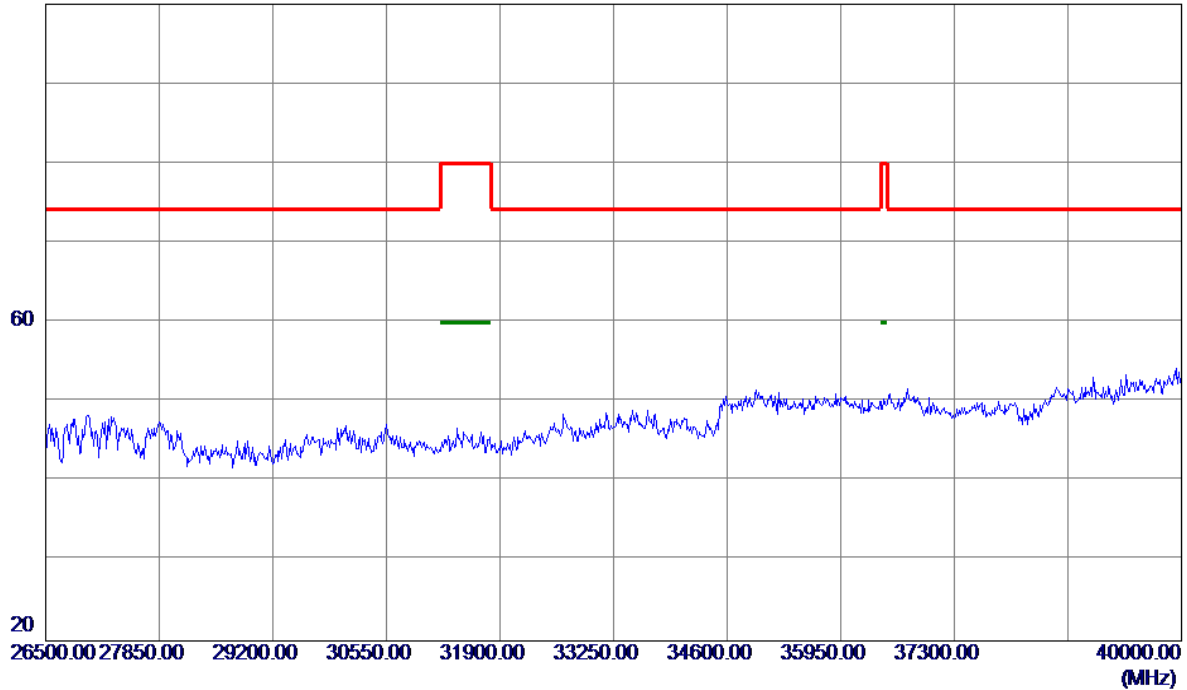


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

100 dBuV/m

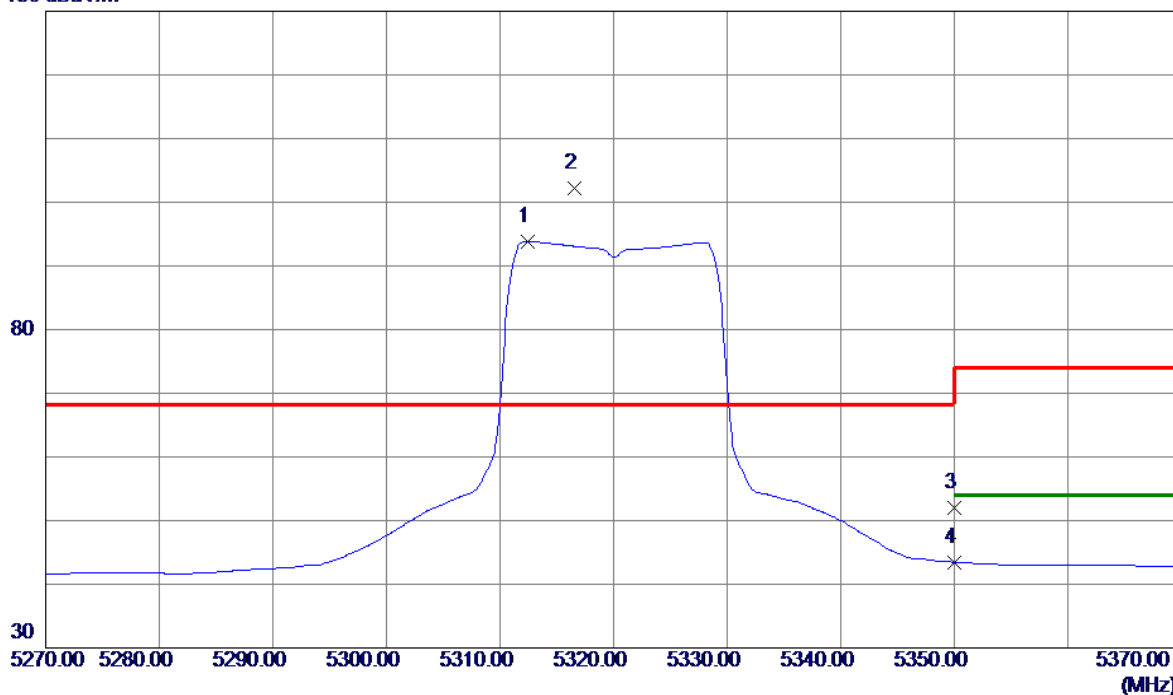


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

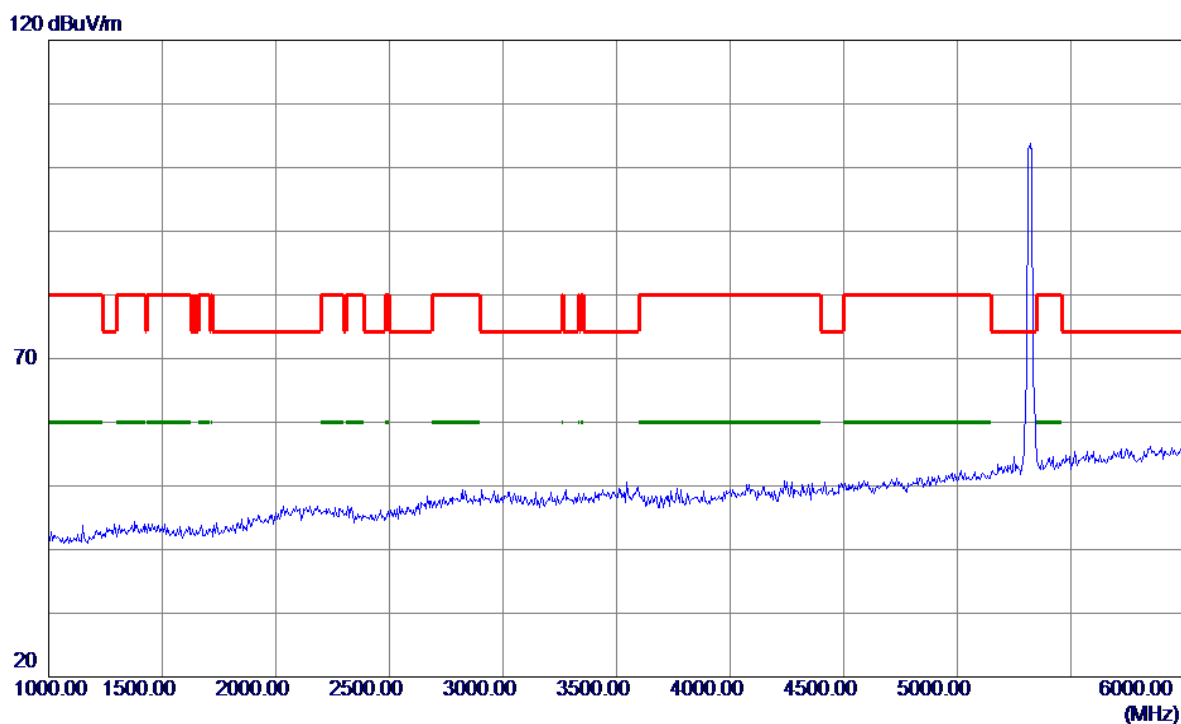
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5312.4000	51.92	41.93	93.85	999.00	-905.15	AVG	No Limit
2 *	5316.6000	60.22	41.95	102.17	68.30	33.87	Peak	No Limit
3	5350.0000	9.81	42.12	51.93	68.30	-16.37	Peak	
4	5350.0000	1.36	42.12	43.48	999.00	-955.52	AVG	

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

Horizontal

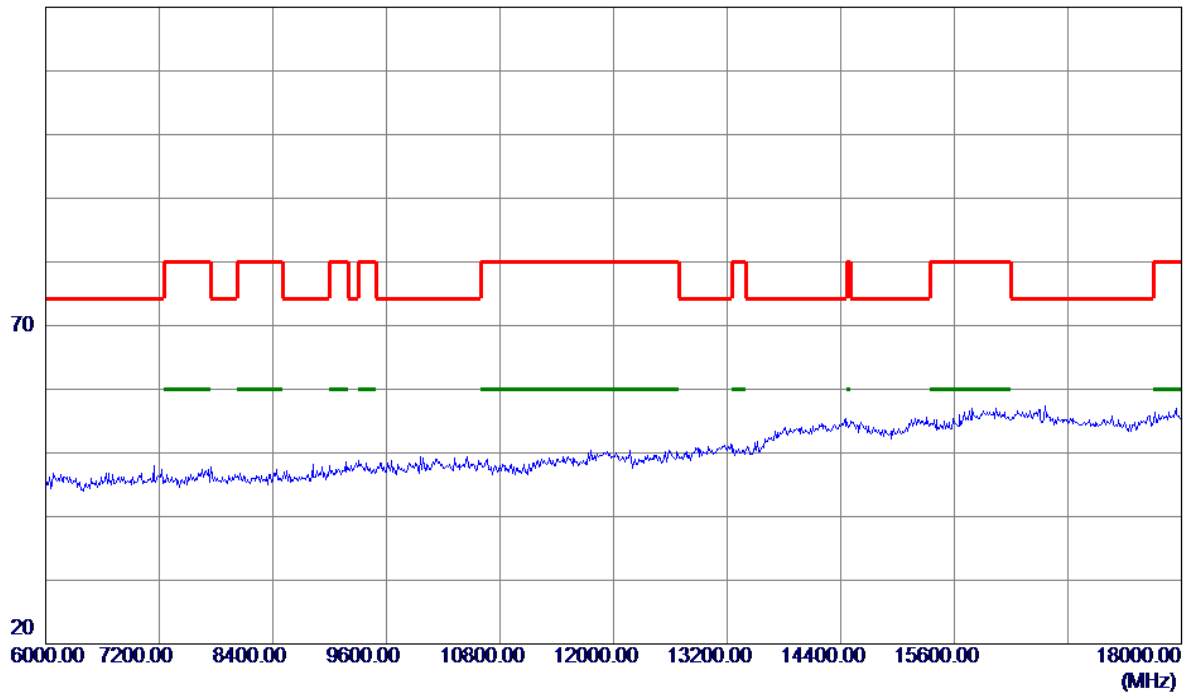


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

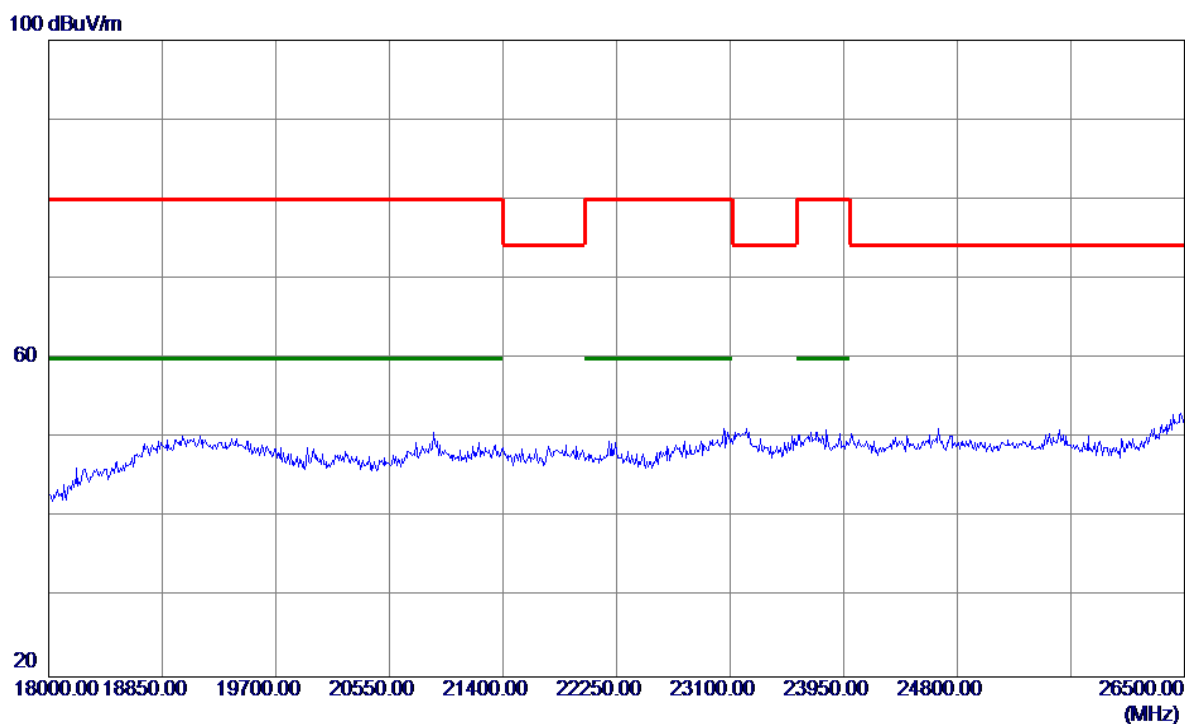
120 dBuV/m



No.	Freq.	Reading	Correct	Measure	Limit	Margin	Detector	Comment
	MHz	Level	Factor	ment				
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

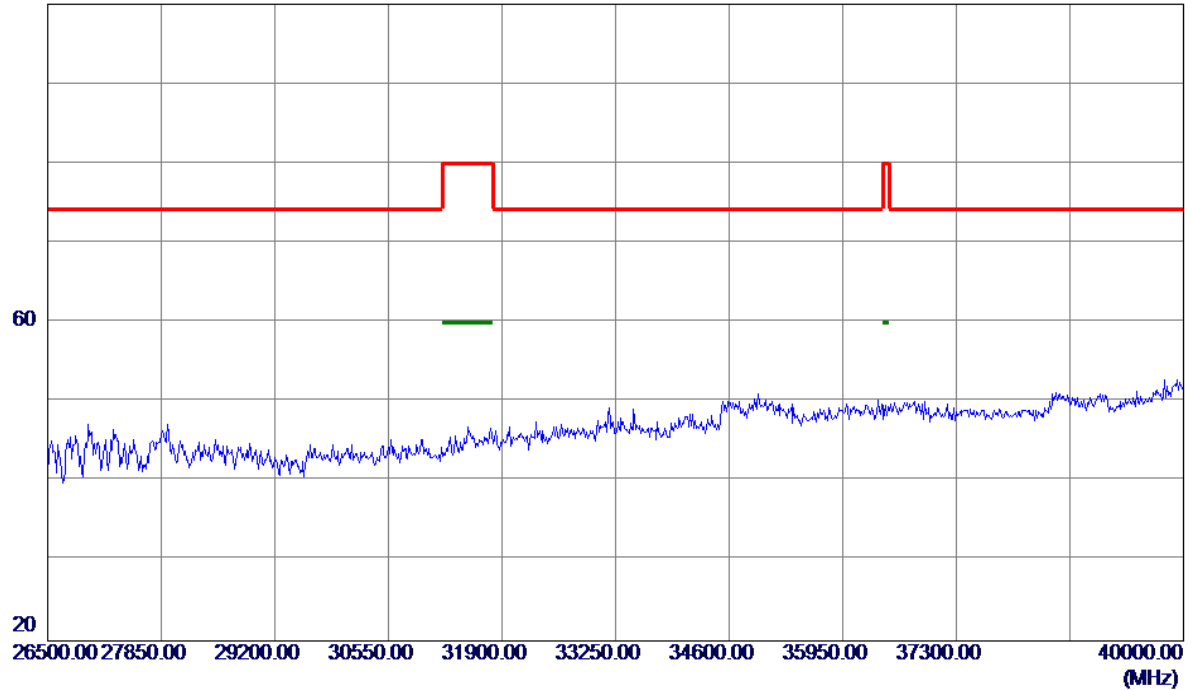


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

100 dBuV/m

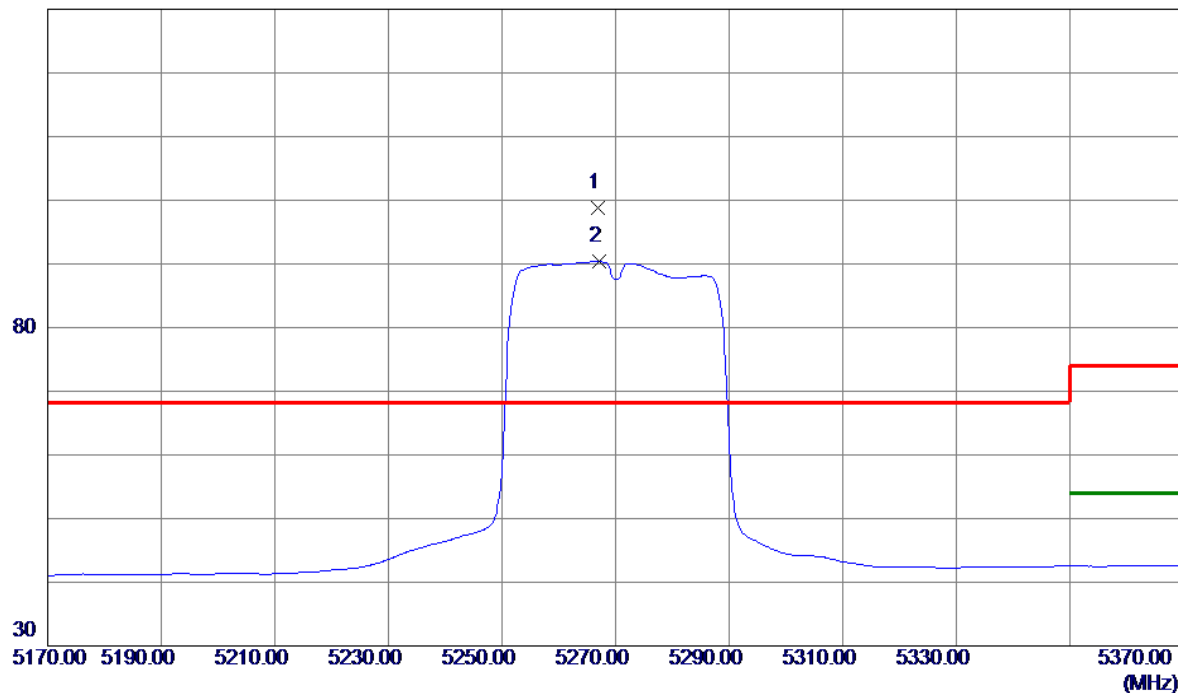


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

Vertical

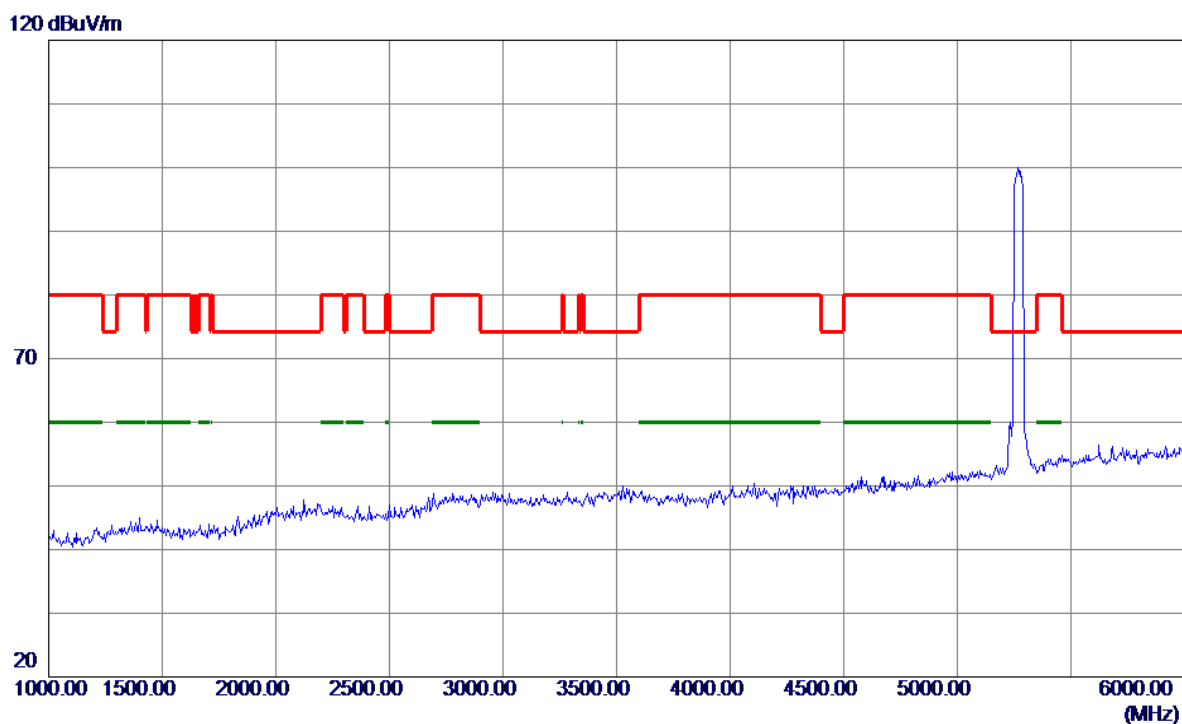
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5266.8000	57.12	41.70	98.82	68.30	30.52	Peak	No Limit
2	5267.2000	48.64	41.70	90.34	999.00	-908.66	AVG	No Limit

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

Vertical

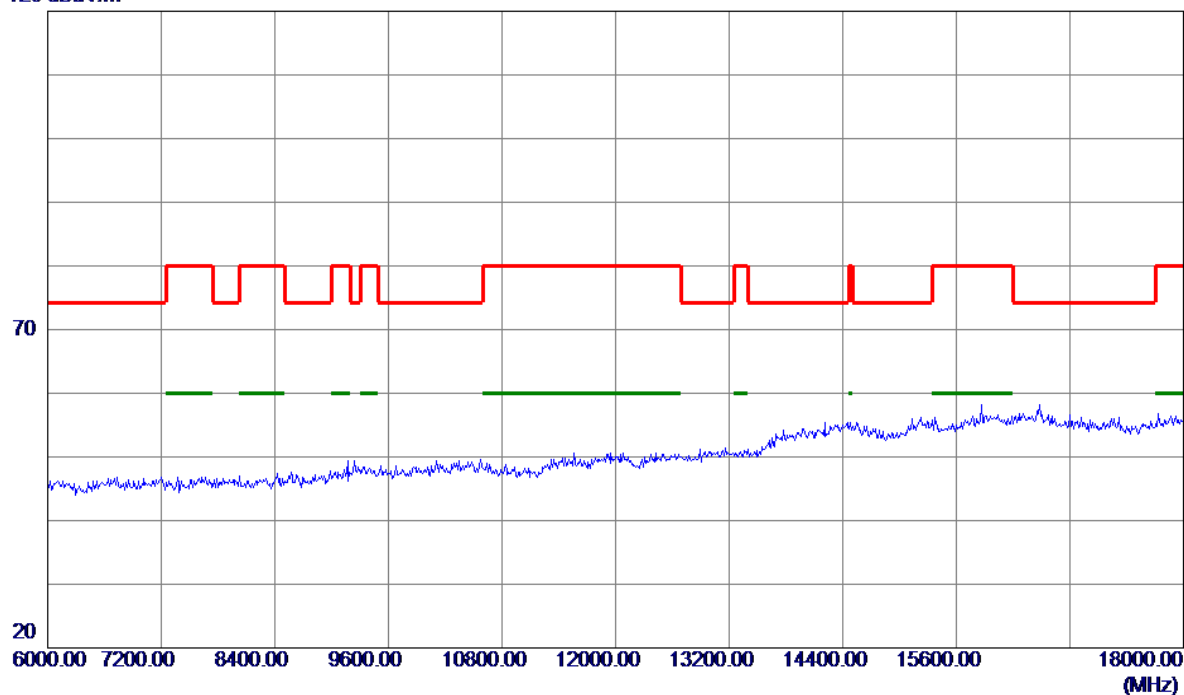


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

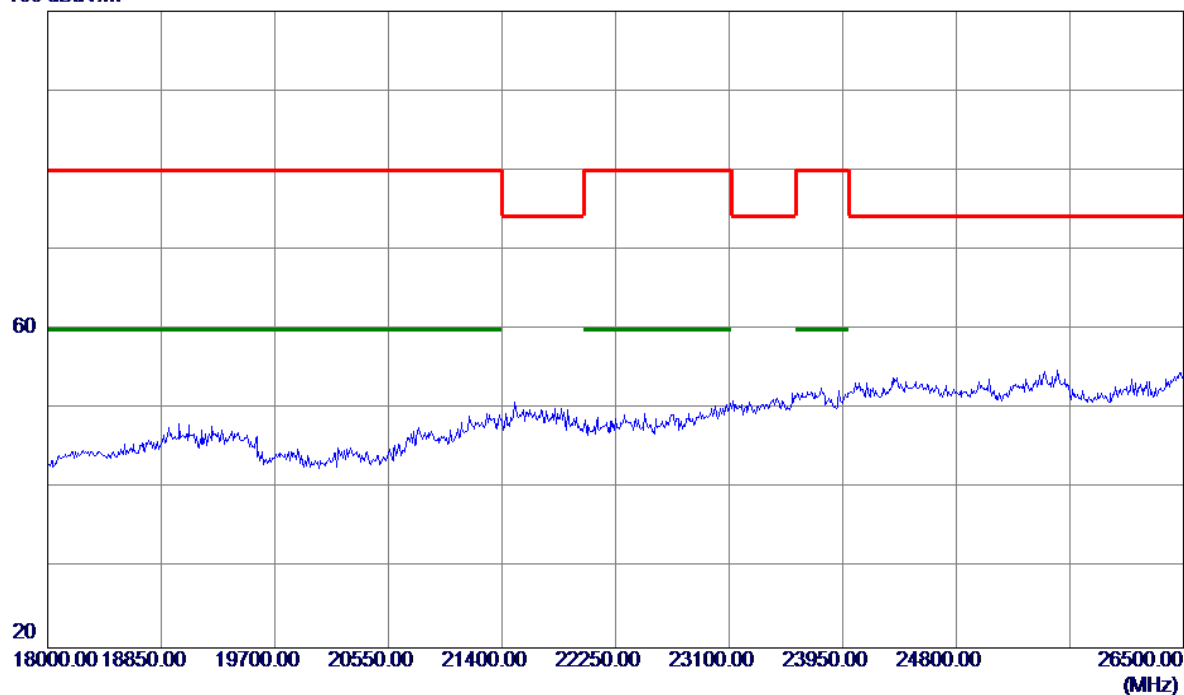


No.	Freq.	Reading	Correct	Measure	Limit	Margin	Detector	Comment
	MHz	Level	Factor	ment				
		dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

100 dBuV/m

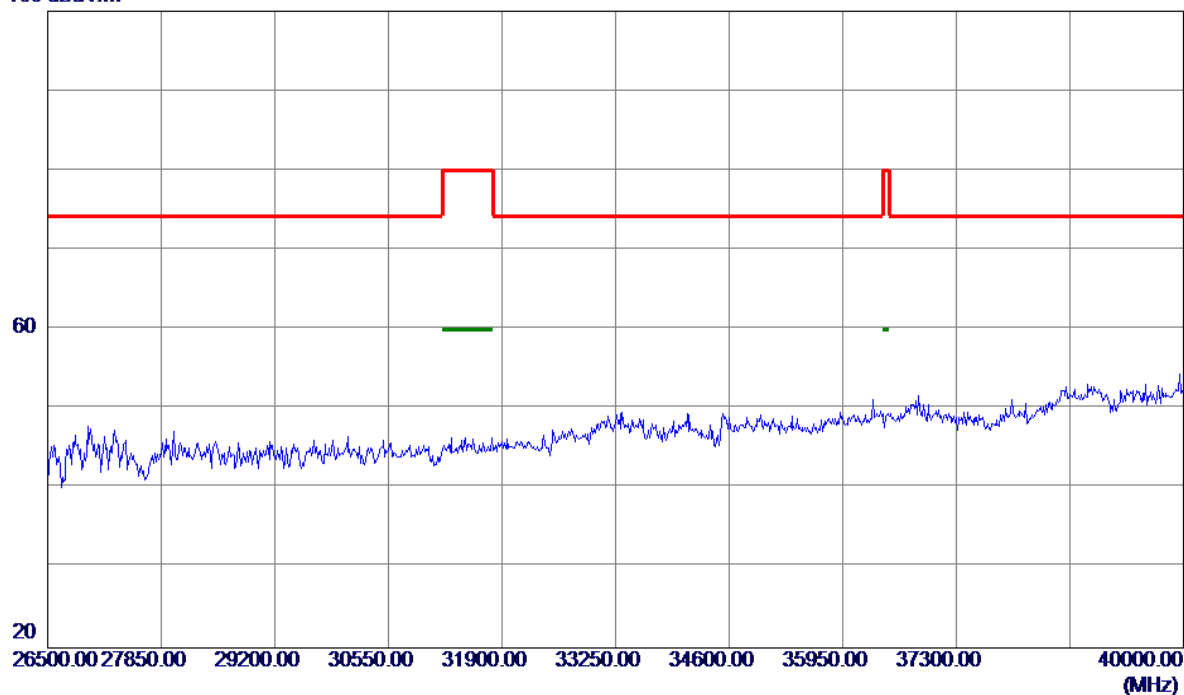


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

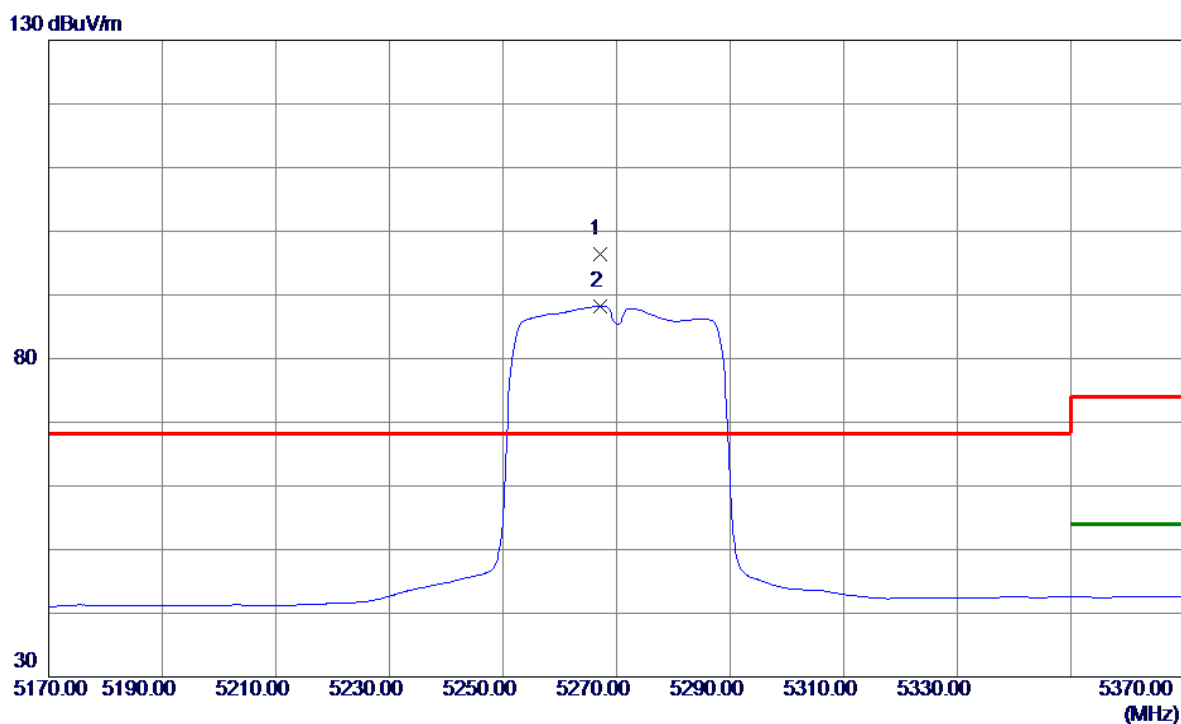
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

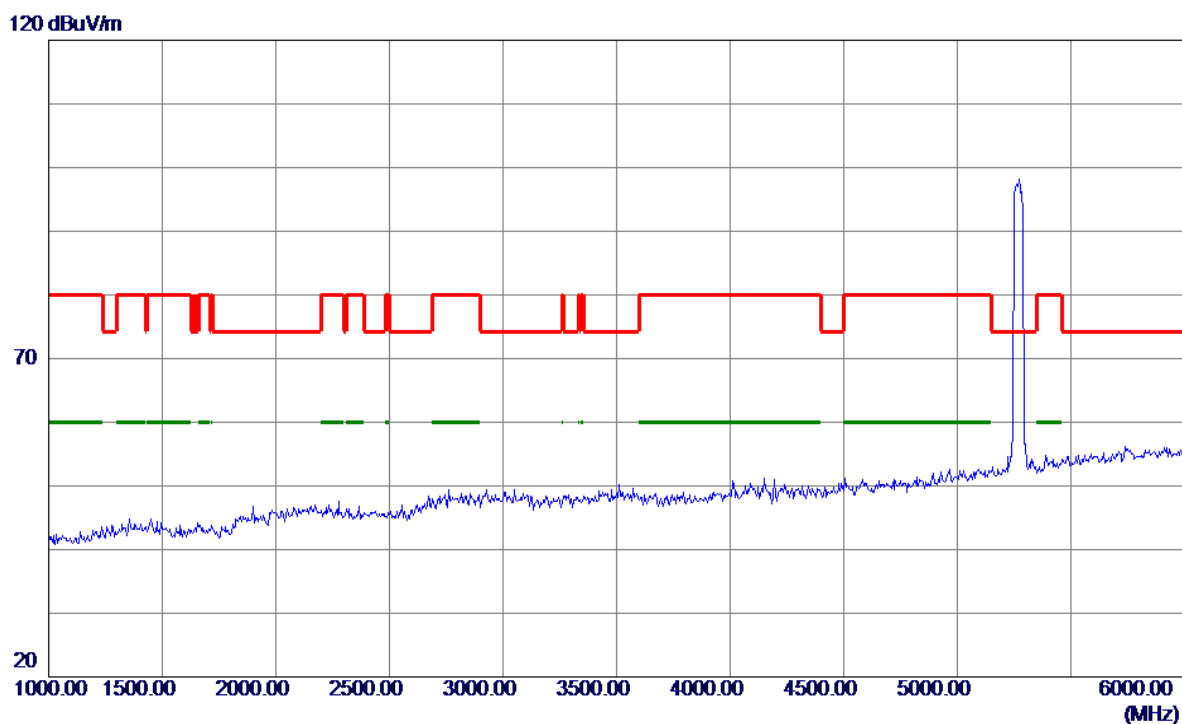
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5267.0000	54.67	41.70	96.37	68.30	28.07	Peak	No Limit
2	5267.2000	46.49	41.70	88.19	999.00	-910.81	AVG	No Limit

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

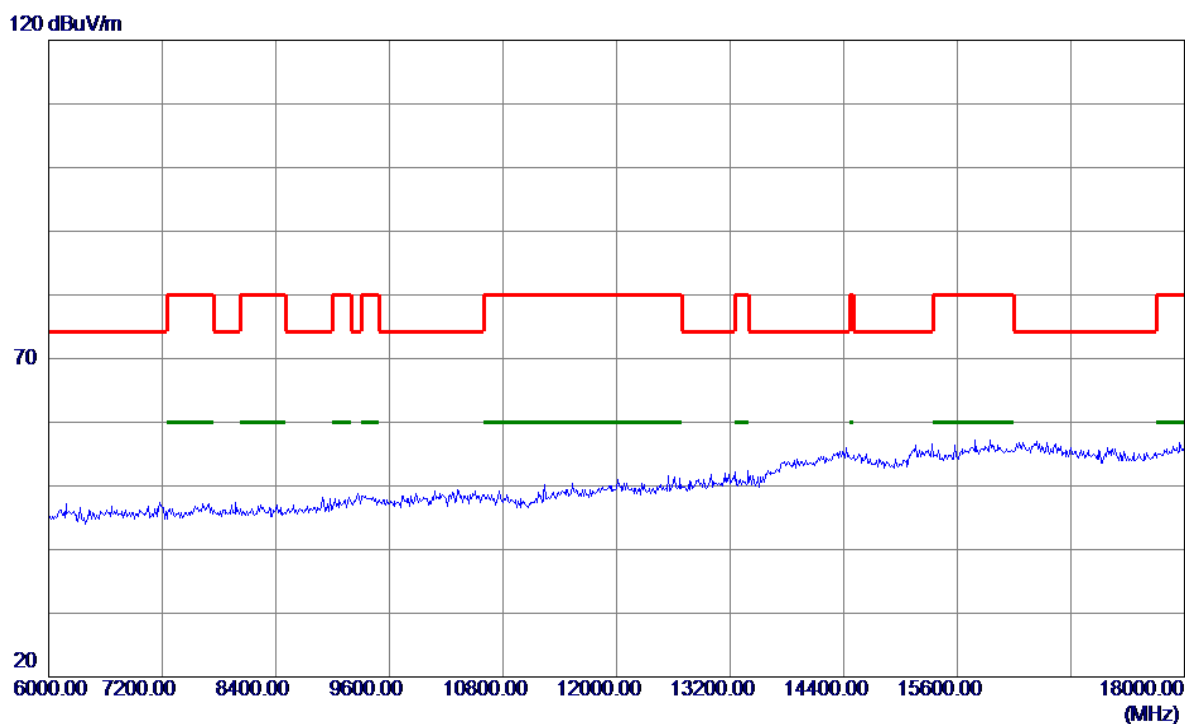
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

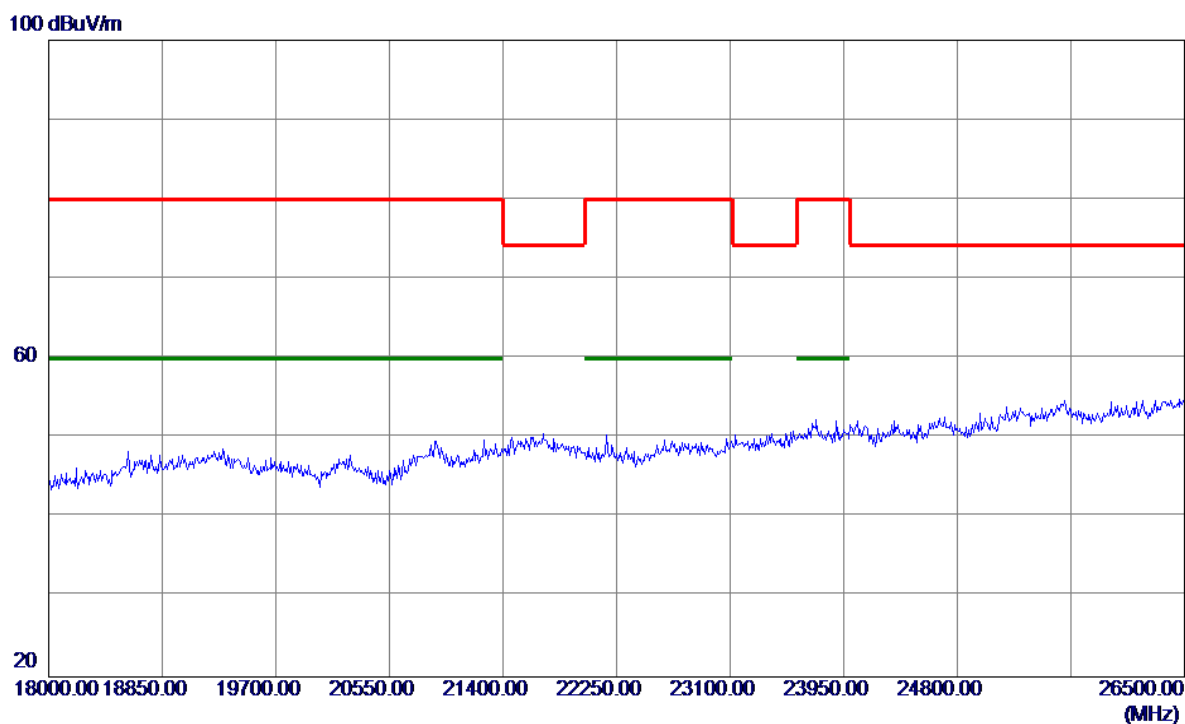
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Horizontal

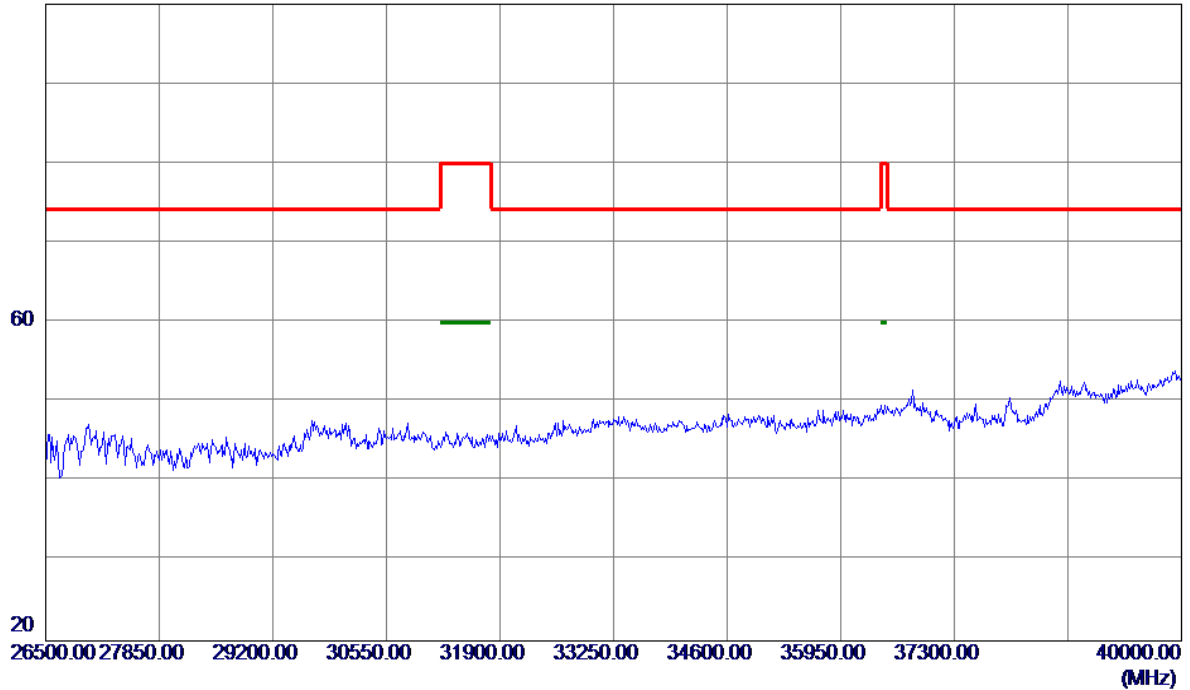


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
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Orthogonal Axis :	X
Test Mode :	UNII-2A/ TX N40 Mode 5270MHz

Horizontal

100 dBuV/m

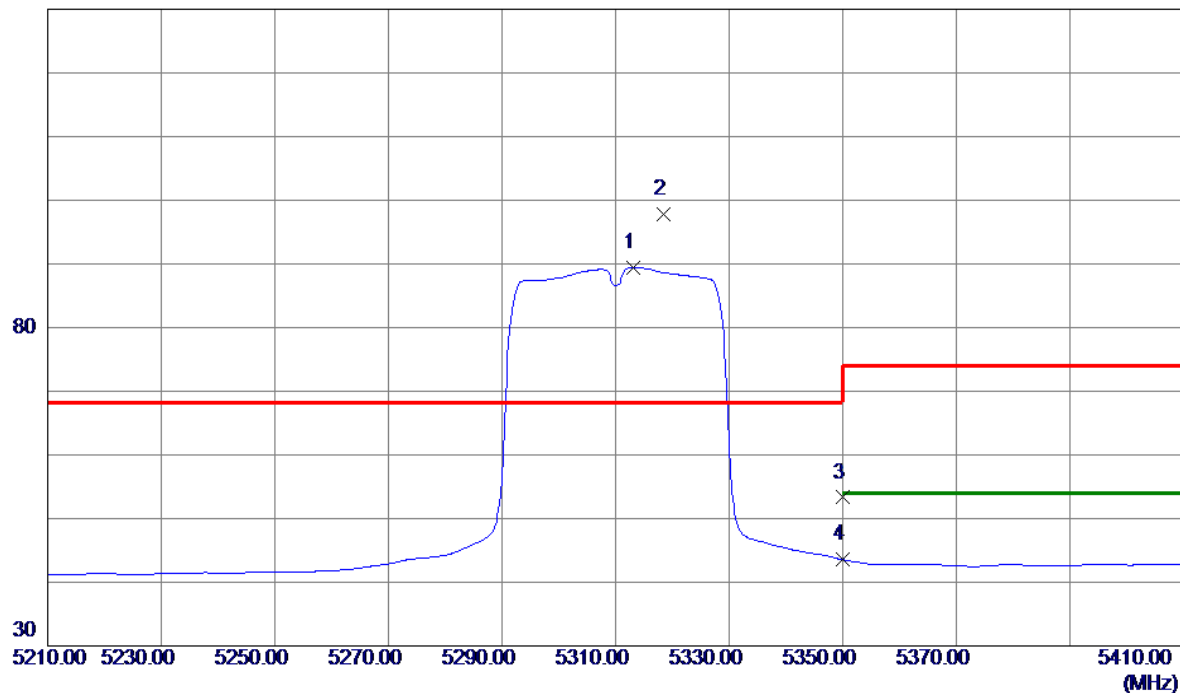


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

130 dBuV/m

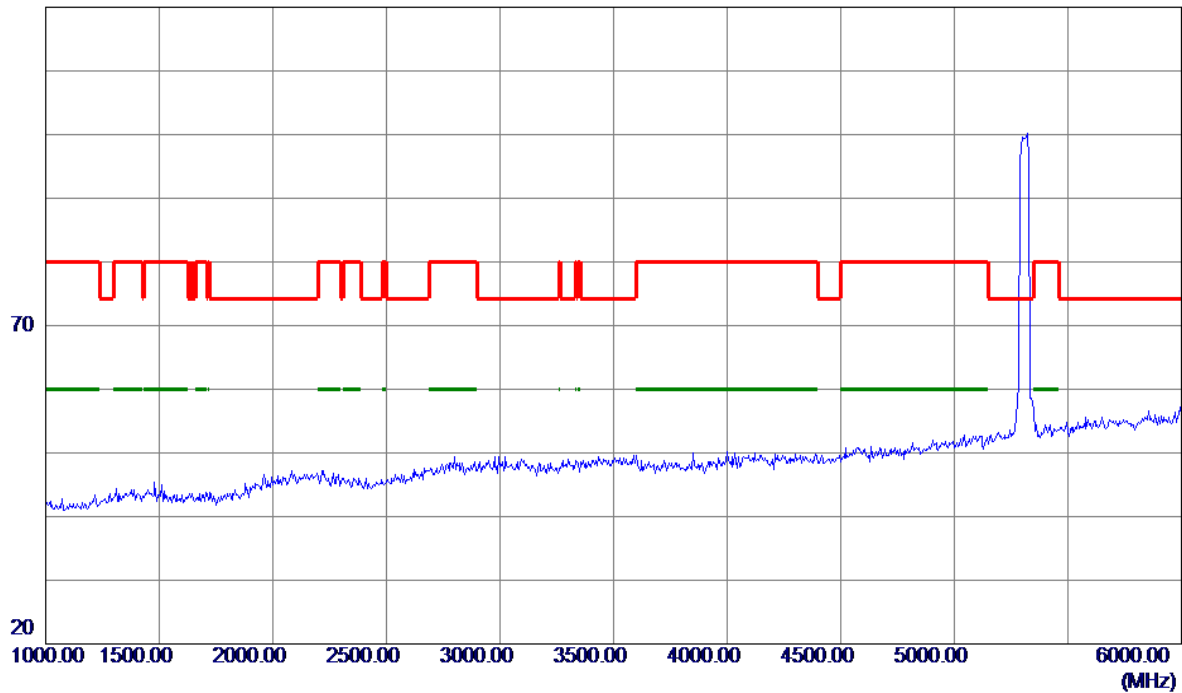


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.2000	47.53	41.93	89.46	999.00	-909.54	AVG	No Limit
2 *	5318.4000	55.83	41.96	97.79	68.30	29.49	Peak	No Limit
3	5350.0000	11.18	42.12	53.30	68.30	-15.00	Peak	
4	5350.0000	1.43	42.12	43.55	999.00	-955.45	AVG	

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

Vertical

120 dBuV/m

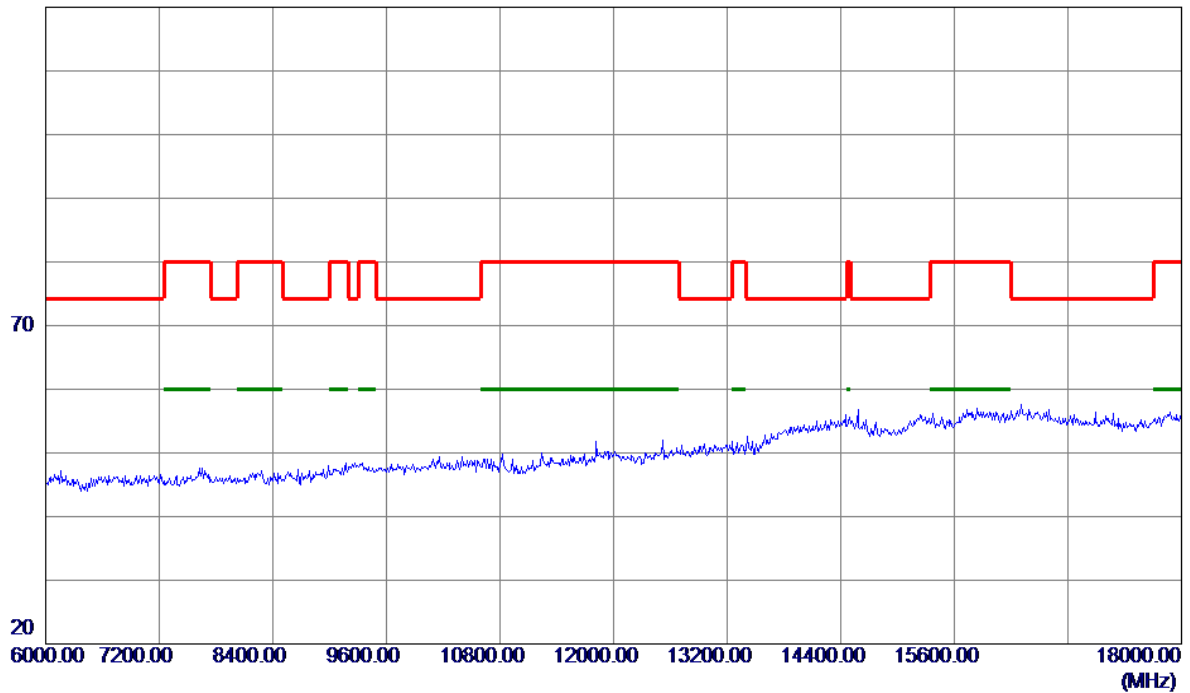


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Vertical

120 dBuV/m

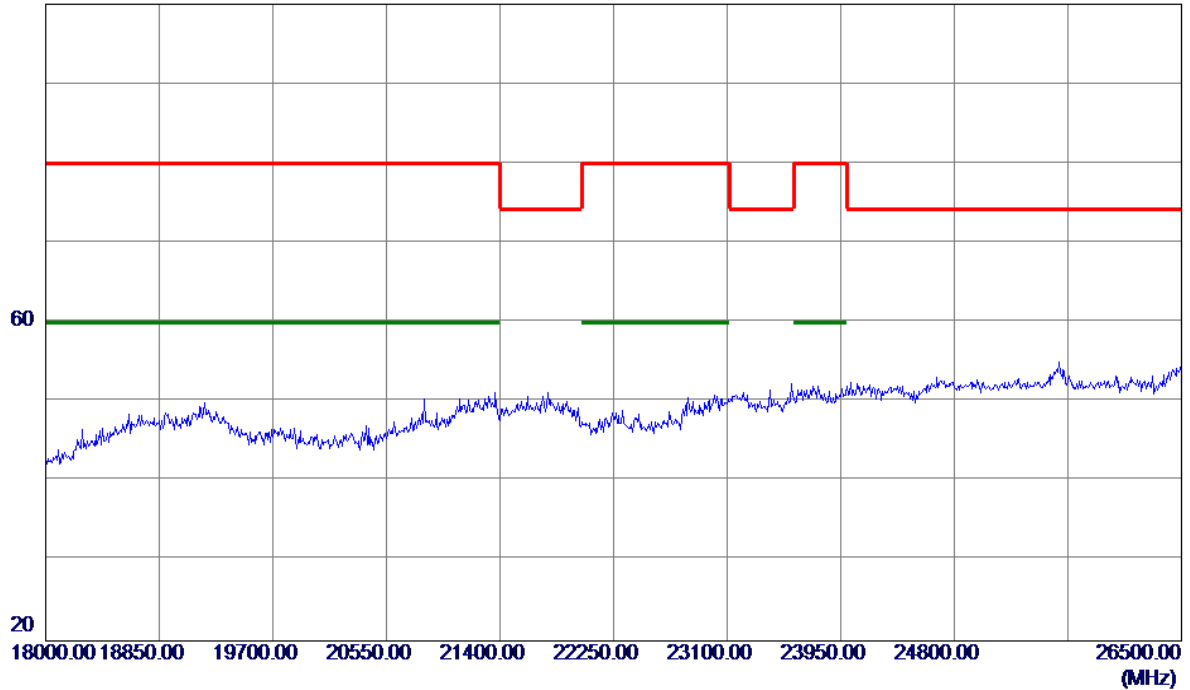


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

Vertical

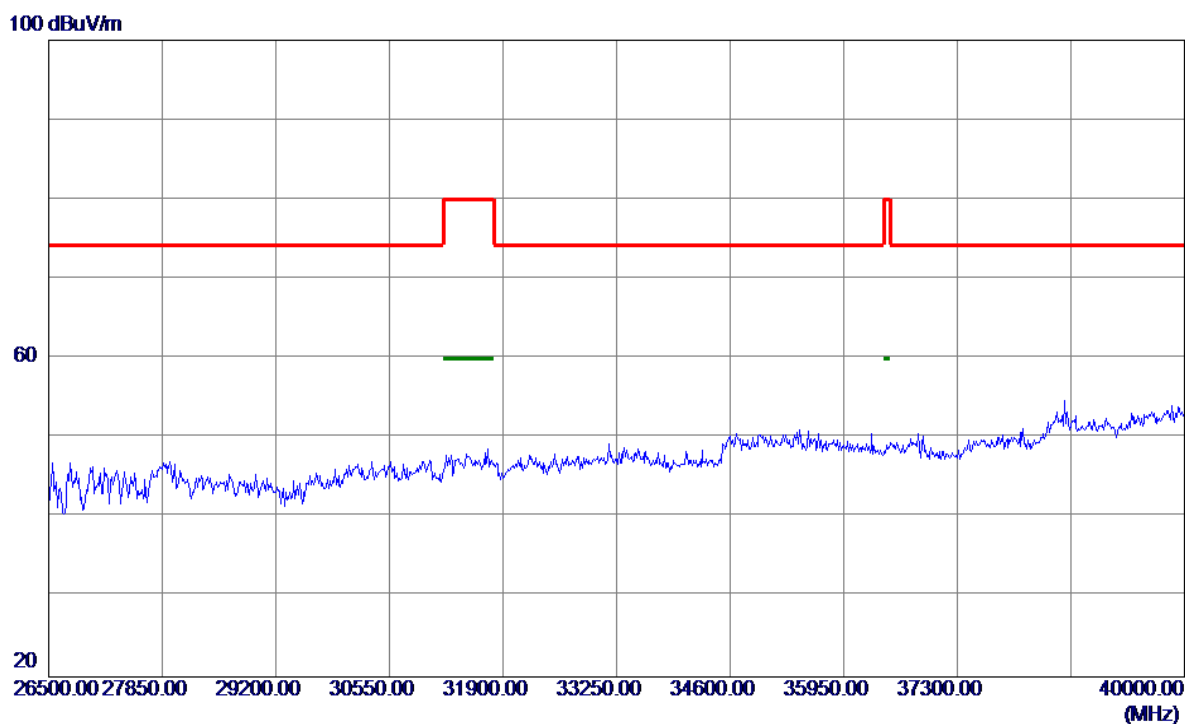
100 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

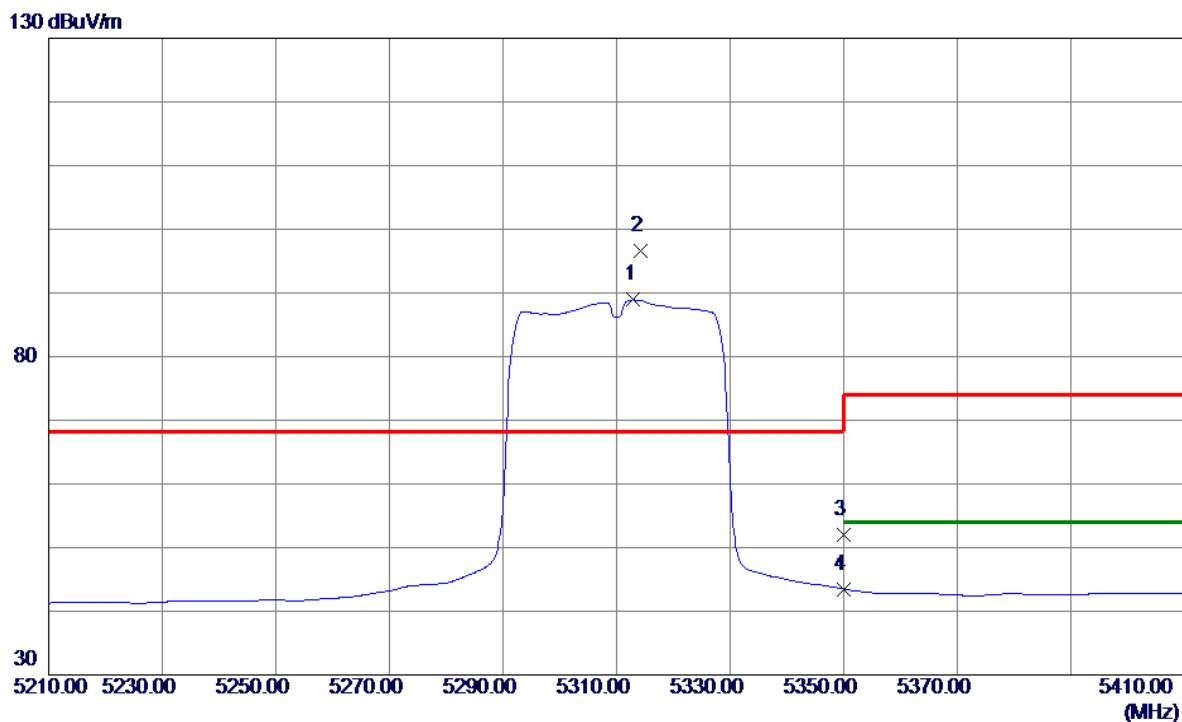
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

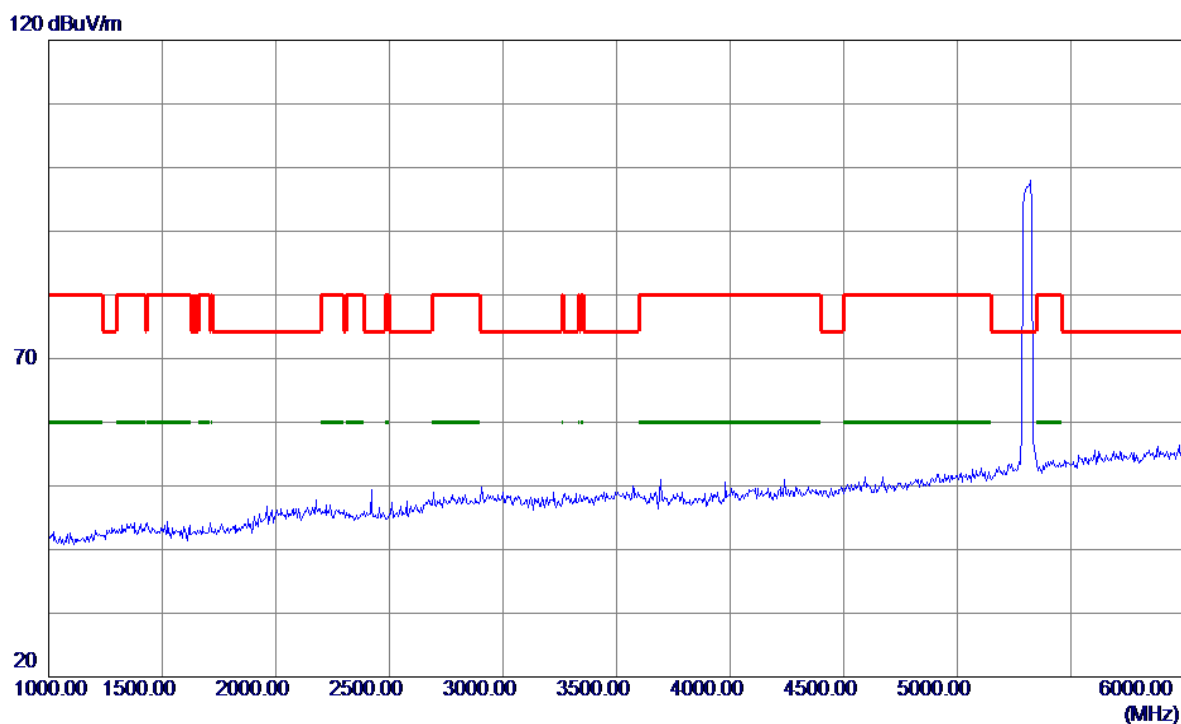
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5313.0000	46.98	41.93	88.91	999.00	-910.09	AVG	No Limit
2 *	5314.2000	54.75	41.94	96.69	68.30	28.39	Peak	No Limit
3	5350.0000	9.97	42.12	52.09	68.30	-16.21	Peak	
4	5350.0000	1.35	42.12	43.47	999.00	-955.53	AVG	

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

Horizontal

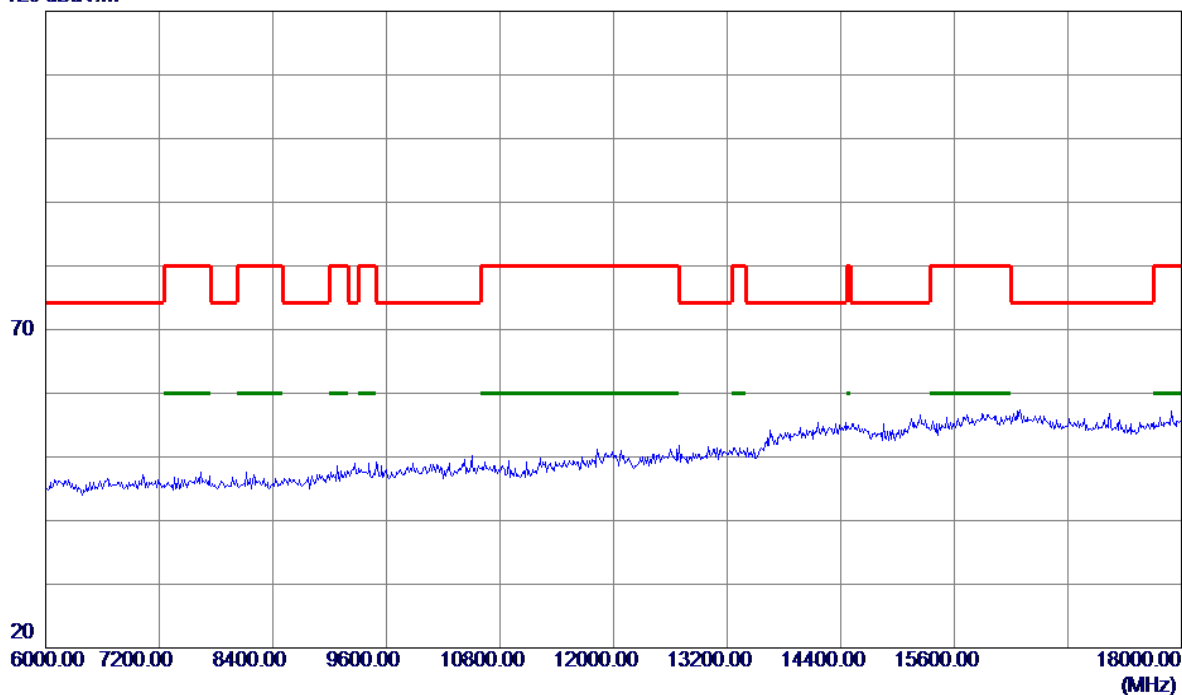


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		

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

Horizontal

120 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		