

FCC Radio Test Report

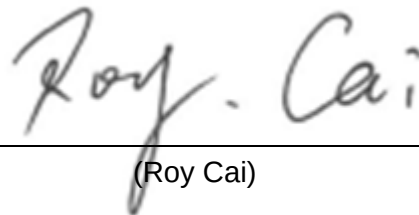
FCC ID: ZW9TPC-B001-R

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

Project No. : 1810H004
Equipment : Point of Sale Terminal
Test Model : TPC-B001-R
Series Model : N/A
Applicant : BYD Precision Manufacture Co.,Ltd.
Address : No.3001, Bao He Road, Baolong industrial,
Longgang Street ,Longgang Zone,Shenzhen
State / Country: China

Date of Receipt : Oct. 25, 2018
Date of Test : Oct. 25, 2018~Nov. 26, 2018
Issued Date : Nov. 28, 2018
Tested by : BTL Inc.

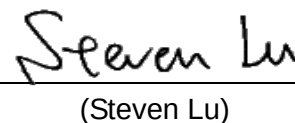
Testing Engineer :


(Roy Cai)

Technical Manager :


(David Mao)

Authorized Signatory :


(Steven Lu)

B T L I N C .

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

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



Certificate #5123.02

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

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

Report Version	Description	Issued Date
R00	Original Issue.	Nov. 28, 2018

1. CERTIFICATION

Equipment : Point of Sale Terminal
Brand Name : hp
Test Model : TPC-B001-R
Series Model : N/A
Applicant : BYD Precision Manufacture Co.,Ltd.
Address : No.3001, Bao He Road, Baolong industrial, Longgang Street ,Longgang
Zone,Shenzhen State / Country: China
Manufacturer : HP Inc.
Address : 1501 Page Mill Road, Palo Alto, CA 94304, USA
Factory : BYD Precision Manufacture Co.,Ltd.
Address : No.3001, Bao He Road, Baolong industrial, Longgang Street ,Longgang
Zone,Shenzhen
Date of Test : Oct. 25, 2018 ~ Nov. 26, 2018
Test Sample : Engineering Sample No.: B181000147
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-4-1810H004) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	Spectrum Bandwidth	PASS	
15.407(a)	Maximum 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	
15.407(c)	Automatically Discontinue Transmission	PASS	

Note:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving.
The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

2.1 TEST FACILITY

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

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

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

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

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

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9 kHz~30 MHz	V	3.79
		9 kHz~30 MHz	H	3.57
		30 MHz~200 MHz	V	3.82
		30 MHz~200 MHz	H	3.60
		200 MHz~1,000 MHz	V	3.86
		200 MHz~1,000 MHz	H	3.94
		1 GHz~18 GHz	V	3.12
		1 GHz~18 GHz	H	3.68
		18 GHz~40 GHz	V	4.15
		18 GHz~40 GHz	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	Point of Sale Terminal	
Brand Name	hp	
Test Model	TPC-B001-R	
Series Model	N/A	
Model Difference(s)	N/A	
Software Version	V1.00.00	
Hardware Version	1.0.0	
Product Description	Operation Frequency	UNII-1: 5150 MHz~5250 MHz UNII-2A: 5250 MHz~5350 MHz UNII-2C: 5470 MHz~5725 MHz UNII-3: 5725 MHz~5850 MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	150Mbps
Power Source	DC Voltage supplied from AC/DC adapter. #1 Model/Brand: TPN-CA08/hp #2 Model/Brand: TPN-LA11/hp	
Power Rating	I/P: 100-240V ~ 50/60Hz, 1.4A O/P: 5V---3A \9V---3A\ 12V---3A \15V---3A 45W MAX	
Output Power	Output Power (Max.)for UNII-1	802.11a: 15.06dBm 802.11n (20M): 13.35dBm 802.11n (40M): 12.91dBm
	Output Power (Max.)for UNII-2A	802.11a: 15.01dBm 802.11n (20M): 13.44dBm 802.11n (40M): 11.67dBm
	Output Power (Max.)for UNII-2C	802.11a: 15.05dBm 802.11n (20M): 13.29dBm 802.11n (40M): 12.58dBm
	Output Power (Max.)for UNII-3	802.11a: 14.26dBm 802.11n (20M): 12.58dBm 802.11n (40M): 13.46dBm

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

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

802.11a 802.11n 20 MHz		802.11n 40 MHz	
UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510
104	5520	110	5550
108	5540	118	5590
112	5560	126	5630
116	5580	134	5670
132	5660		
136	5680		
140	5700		

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

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	PULSE	SZ1090W	FPC	N/A	5.47

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 A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 13	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX N40 Mode / CH151,CH159 (UNII-3)

Note:

- (1) For radiated 30 MHz to 1000 MHz test, the 802.11a mode is found to be the worst case and recorded.
- (2) For radiated, the ANT 1 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

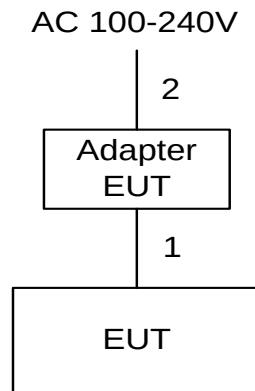
UNII-1			
Test Software Version	QRCT3_V3.0-303		
Frequency (MHz)	5180	5200	5240
A Mode	14.5	14.5	14.5
Frequency (MHz)	5180	5200	5240
N20 Mode	12.5	12.5	12.5
Frequency (MHz)	5190	5230	
N40 Mode	12.5	12.5	

UNII-2A			
Test Software Version	QRCT3_V3.0-303		
Frequency (MHz)	5260	5300	5320
A Mode	14.5	14.5	14.5
Frequency (MHz)	5260	5300	5320
N20 Mode	12.5	12.5	12.5
Frequency (MHz)	5270	5310	
N40 Mode	12.5	12.5	

UNII-2C			
Test Software Version	QRCT3_V3.0-303		
Frequency (MHz)	5500	5580	5700
A Mode	14.5	14.5	13.5
Frequency (MHz)	5500	5580	5700
N20 Mode	12.5	12.5	12.5
Frequency (MHz)	5510	5550	5670
N40 Mode	12.5	12.5	12.5

UNII-3			
Test Software Version	QRCT3_V3.0-303		
Frequency (MHz)	5745	5785	5825
A Mode	11.5	13.5	13.5
Frequency (MHz)	5745	5785	5825
N20 Mode	10.5	11.5	11.5
Frequency (MHz)	5755	5795	
N40 Mode	11.5	11.5	

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	1.8m	DC Cable
2	NO	NO	1m	AC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.50	66to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

Note:

- (1) The tighter limit applies at the band edges.
- (2) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

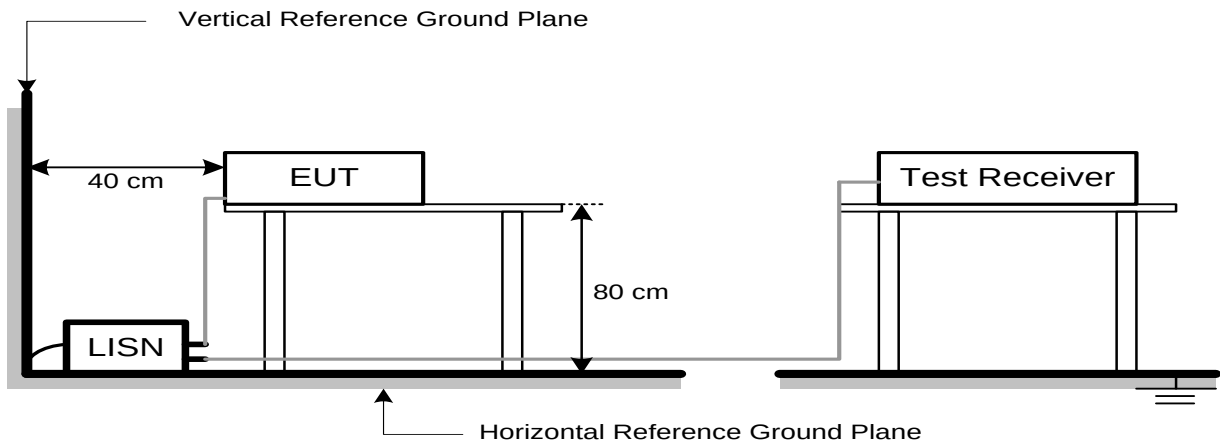
4.1.2 TEST PROCEDURE

- 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 equipment 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: 23.8°C Relative Humidity: 61.2% 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 150 kHz to 30 MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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

Note:

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

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

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

4.2.2 TEST PROCEDURE

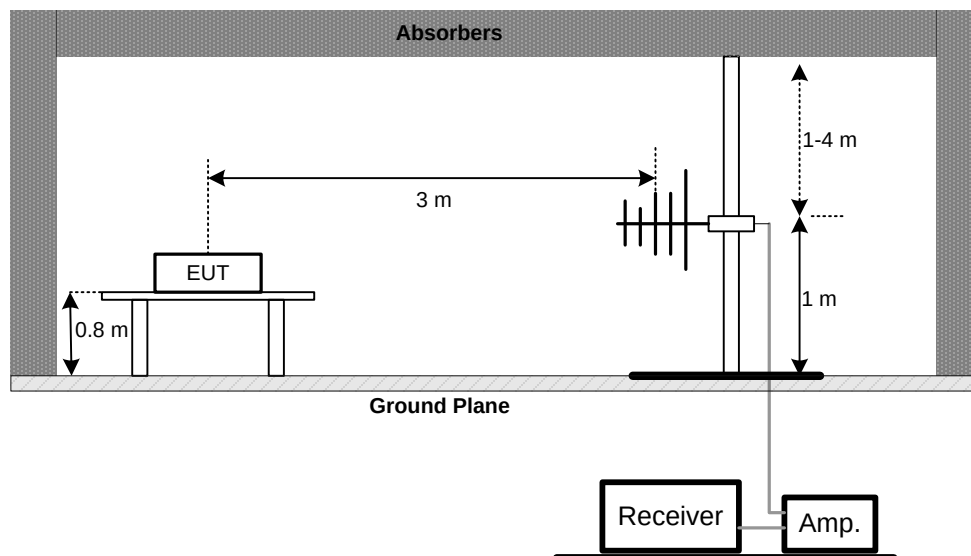
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- 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 1 GHz)
- 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 1 GHz)
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

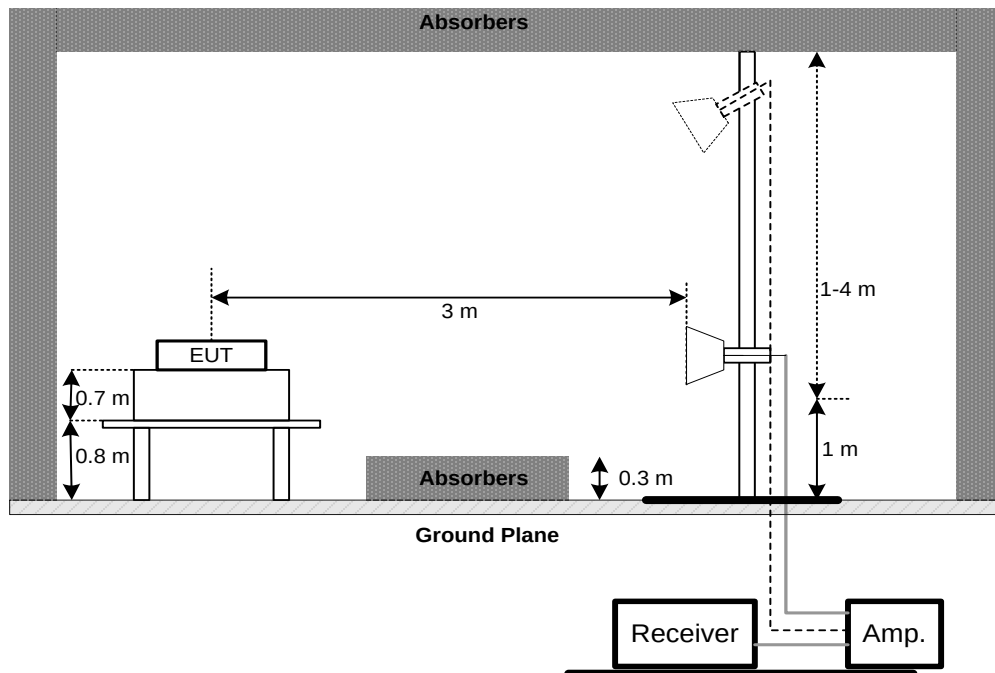
No deviation

4.2.4 TEST SETUP

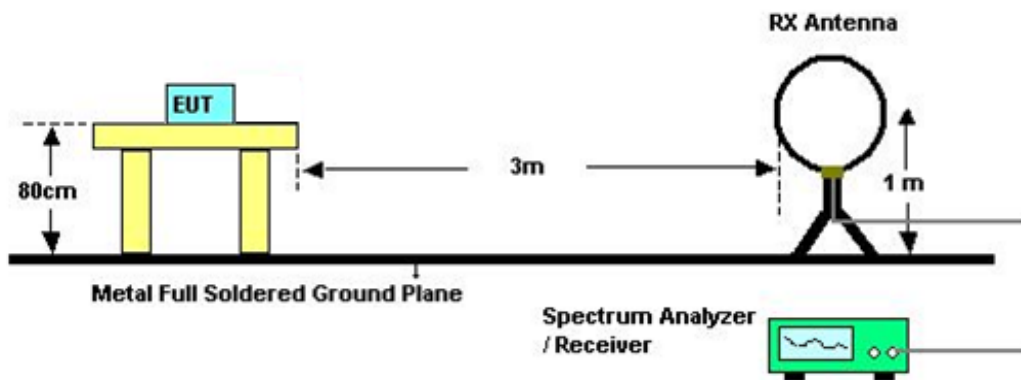
(A)Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



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



(C) Radiated emissions below 30 MHz



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: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9 kHz TO 30 MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (30 MHz TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 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 6 dB 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	> 26 dB Bandwidth
RBW	300 kHz(Bandwidth 20 MHz) 1 MHz(Bandwidth 40 MHz and 80 MHz)
VBW	1 MHz(Bandwidth 20 MHz) 3 MHz(Bandwidth 40 MHz and 80 MHz)
Span Frequency	6 dB Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26 dB 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: 24°C Relative Humidity: 58.9% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Maximum Output Power	Fixed:1 Watt (30 dBm)	5150-5250	PASS
	Mobile and portable: 250 mW (24 dBm)	5150-5250	PASS
	250mW (24 dBm)	5250-5350	PASS
	250mW (24 dBm)	5470-5725	PASS
	1 Watt (30 dBm)	5725-5850	PASS
Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm)			

6.1.1 TEST PROCEDURE

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

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 25.2°C Relative Humidity: 57.5% 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: 17 dBm/MHz	5150-5250	PASS
	Mobile and portable:11 dBm/MHz	5150-5250	PASS
	11 dBm/MHz	5250-5350	PASS
	11 dBm/MHz	5470-5725	PASS
	30 dBm/500kHz	5725-5850	PASS

7.1.1 TEST PROCEDURE

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

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

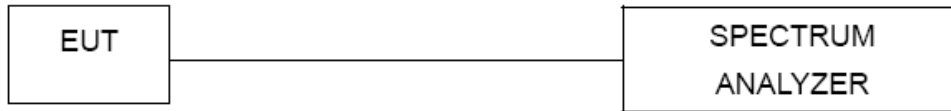
Note:

- 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 1 MHz and VBW at 3 MHz if the spectrum analyzer does not have 500 kHz RBW.
- The value measured with RBW=1 MHz is to be added with $10\log(500 \text{ kHz}/1 \text{ MHz})$ which is -3 dB. For example, if the measured value is +10dBm using RBW=1 MHz (that is +10 dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 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.

7.1.5 EUT TEST CONDITIONS

Temperature: 26°C Relative Humidity: 55.8% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

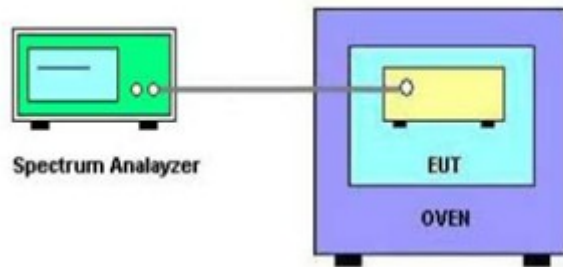
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

Temperature: 22.9°C Relative Humidity: 55.9% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
2	LISN	EMCO	3816/2	52765	Mar. 11, 2019
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 23, 2019

Radiated Emission Measurement - 9kHz TO 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Feb. 07, 2019
2	Cable	N/A	RG 213/U	C-102	Jun. 01, 2019
3	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement – 30 MHz TO 1000 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019
2	Amplifier	HP	8447D	2944A09673	Aug. 11, 2019
3	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 25, 2019
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

Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2019
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	mitron	B10-01-01-12M	18072744	Jul. 30, 2019
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Maximum Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

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

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

10. EUT TEST PHOTOS

Conducted Measurement Photos



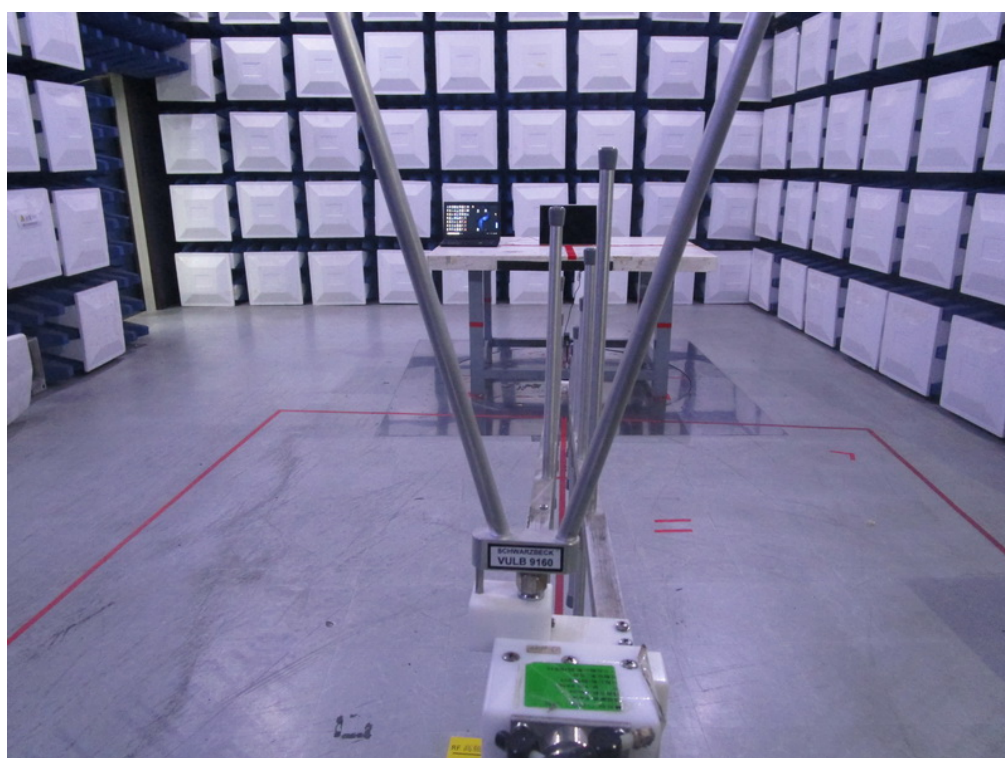
Radiated Measurement Photos

9 kHz to 30 MHz



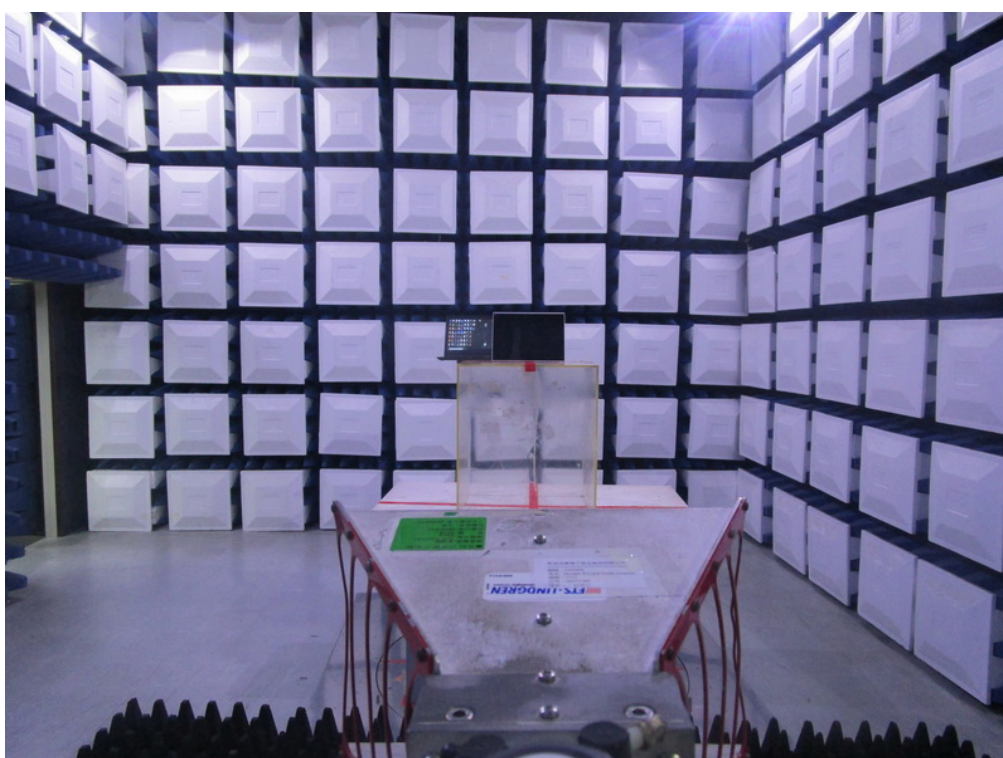
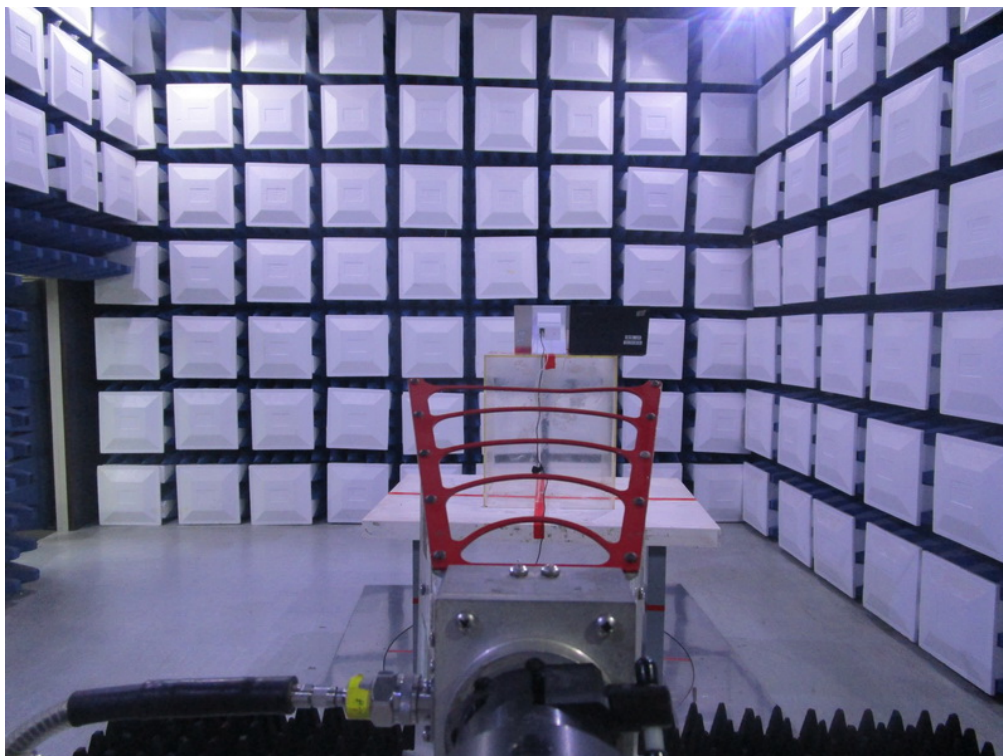
Radiated Measurement Photos

30 MHz to 1000 MHz



Radiated Measurement Photos

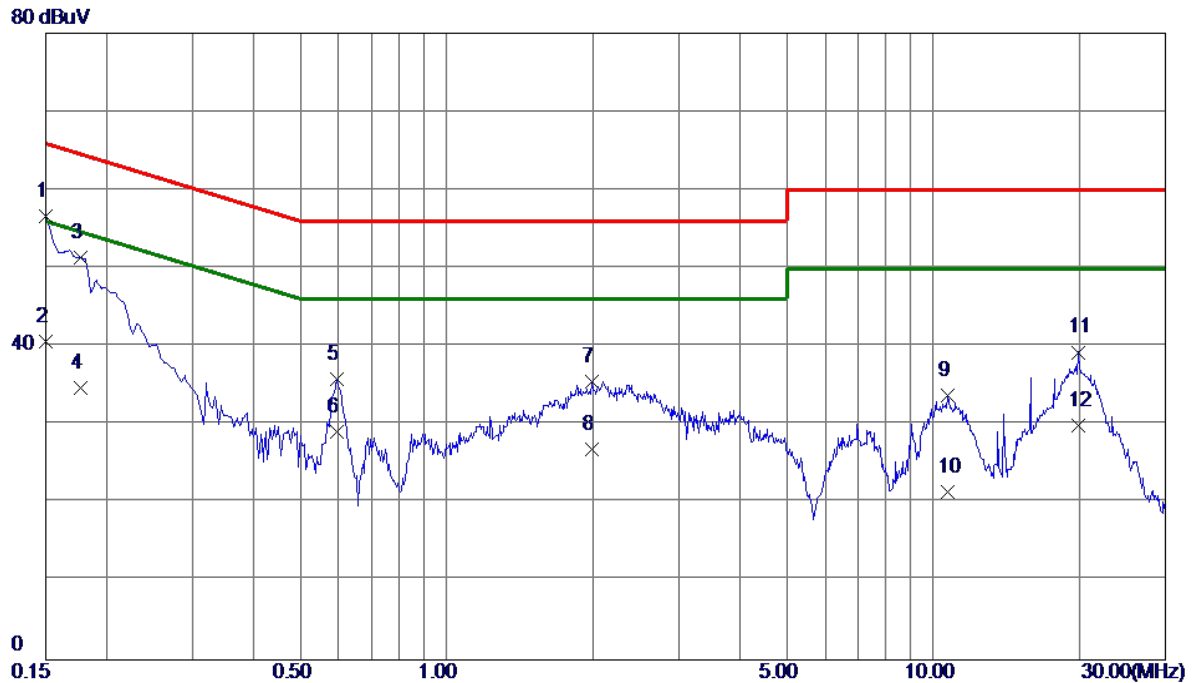
Above 1000 MHz



APPENDIX A - CONDUCTED EMISSION

Test Mode: TX Mode

Line

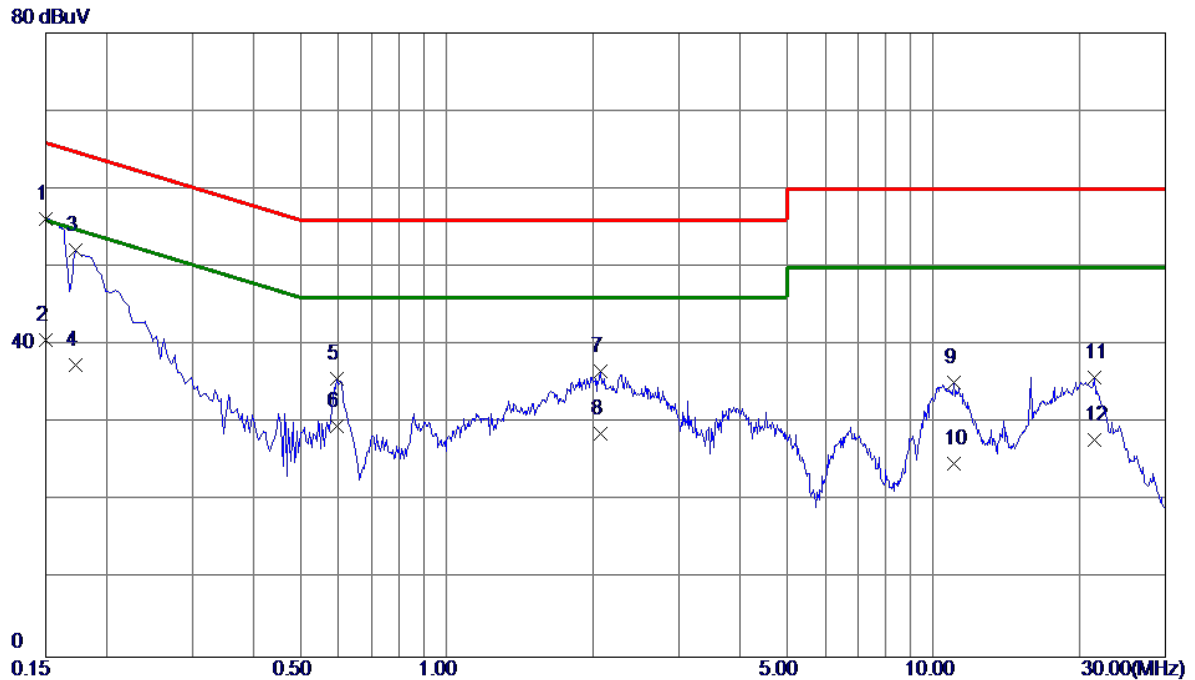


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	46.81	9.77	56.58	66.00	-9.42	QP	
2	0.1500	30.80	9.77	40.57	56.00	-15.43	AVG	
3	0.1770	41.49	9.82	51.31	64.63	-13.32	QP	
4	0.1770	24.90	9.82	34.72	54.63	-19.91	AVG	
5	0.5955	25.73	10.08	35.81	56.00	-20.19	QP	
6	0.5955	19.10	10.08	29.18	46.00	-16.82	AVG	
7	1.9860	25.46	10.04	35.50	56.00	-20.50	QP	
8	1.9860	16.90	10.04	26.94	46.00	-19.06	AVG	
9	10.6935	23.41	10.36	33.77	60.00	-26.23	QP	
10	10.6935	11.10	10.36	21.46	50.00	-28.54	AVG	
11	19.8194	28.56	10.72	39.28	60.00	-20.72	QP	
12	19.8194	19.21	10.72	29.93	50.00	-20.07	AVG	

Note: The test result has included the cable loss.

Test Mode: TX Mode

Neutral



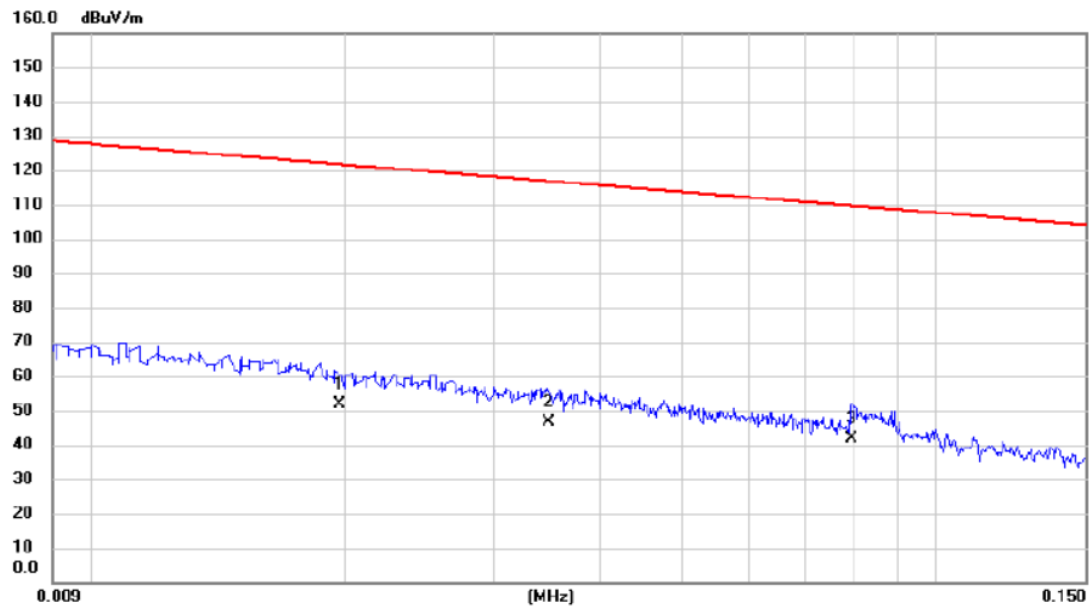
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1 *	0.1500	46.38	9.78	56.16	66.00	-9.84	QP	
2	0.1500	30.90	9.78	40.68	56.00	-15.32	AVG	
3	0.1725	42.30	9.81	52.11	64.84	-12.73	QP	
4	0.1725	27.60	9.81	37.41	54.84	-17.43	AVG	
5	0.5955	25.62	10.01	35.63	56.00	-20.37	QP	
6	0.5955	19.60	10.01	29.61	46.00	-16.39	AVG	
7	2.0715	26.52	10.16	36.68	56.00	-19.32	QP	
8	2.0715	18.41	10.16	28.57	46.00	-17.43	AVG	
9	11.0535	25.00	10.20	35.20	60.00	-24.80	QP	
10	11.0535	14.61	10.20	24.81	50.00	-25.19	AVG	
11	21.4395	25.12	10.69	35.81	60.00	-24.19	QP	
12	21.4395	17.19	10.69	27.88	50.00	-22.12	AVG	

Note: The test result has included the cable loss.

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

Test Mode: TX Mode

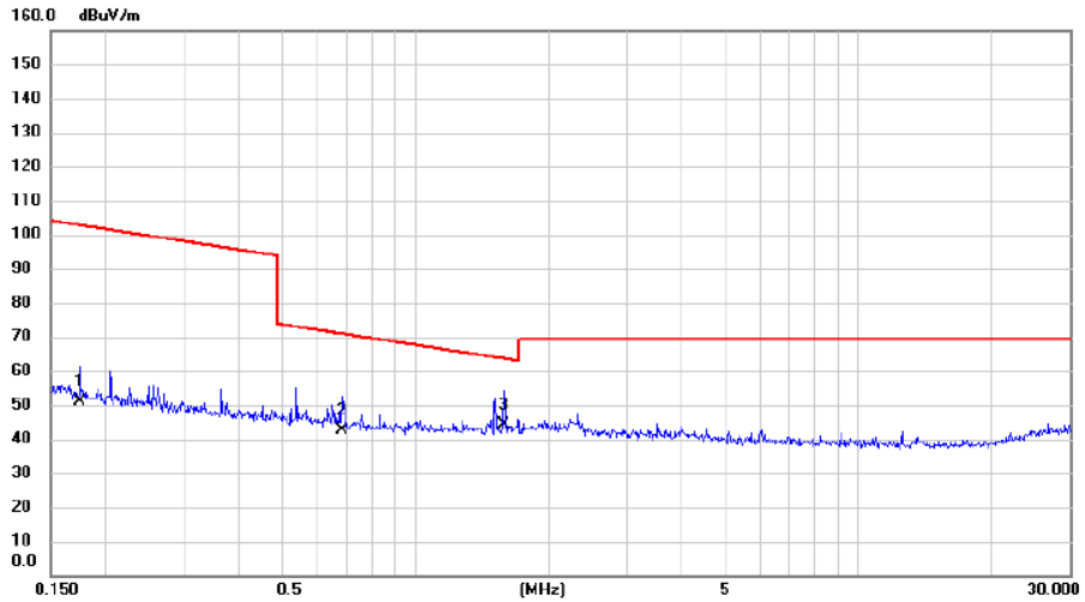
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.0197	32.21	19.66	51.87	121.72	-69.85	AVG	
2		0.0348	27.44	19.18	46.62	116.77	-70.15	AVG	
3	*	0.0793	23.56	18.13	41.69	109.62	-67.93	AVG	

Test Mode: TX Mode

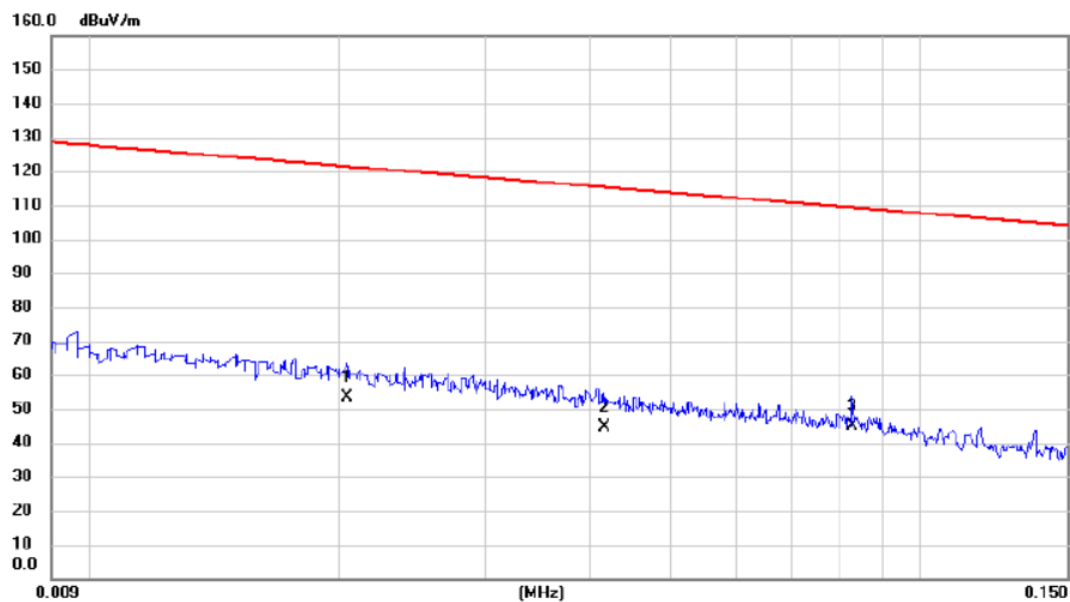
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		0.1740	34.26	16.88	51.14	102.80	-51.66	AVG	
2		0.6826	26.18	16.26	42.44	70.92	-28.48	QP	
3	*	1.5851	28.73	15.67	44.40	63.60	-19.20	QP	

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

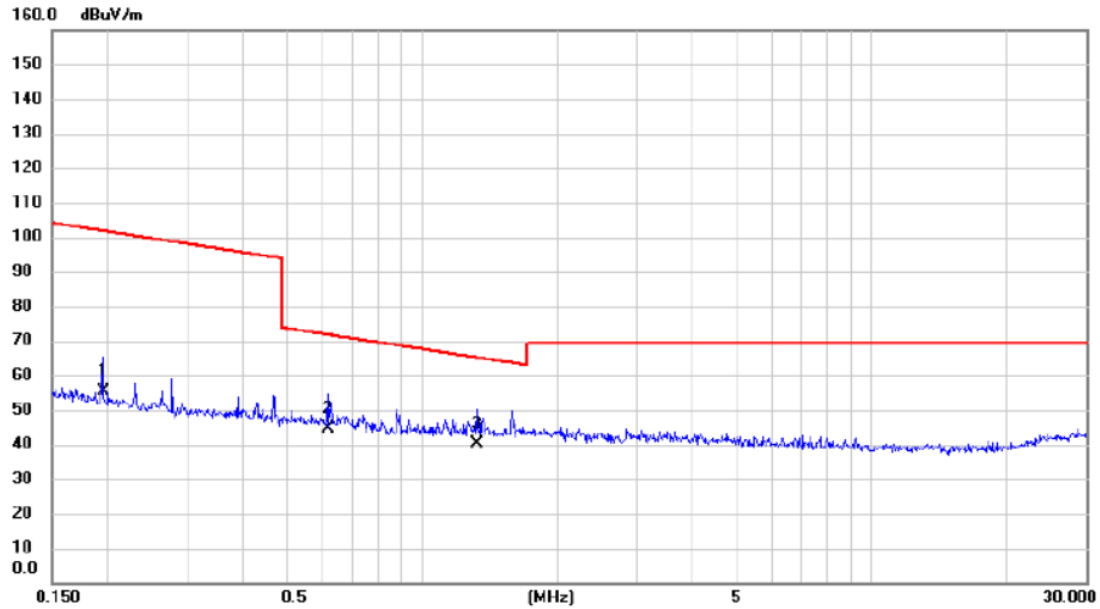
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		0.0204	33.87	19.61	53.48	121.41	-67.93	AVG	
2		0.0416	25.63	18.97	44.60	115.22	-70.62	AVG	
3	*	0.0827	26.80	18.05	44.85	109.25	-64.40	AVG	

Test Mode: TX Mode

Ant 90°



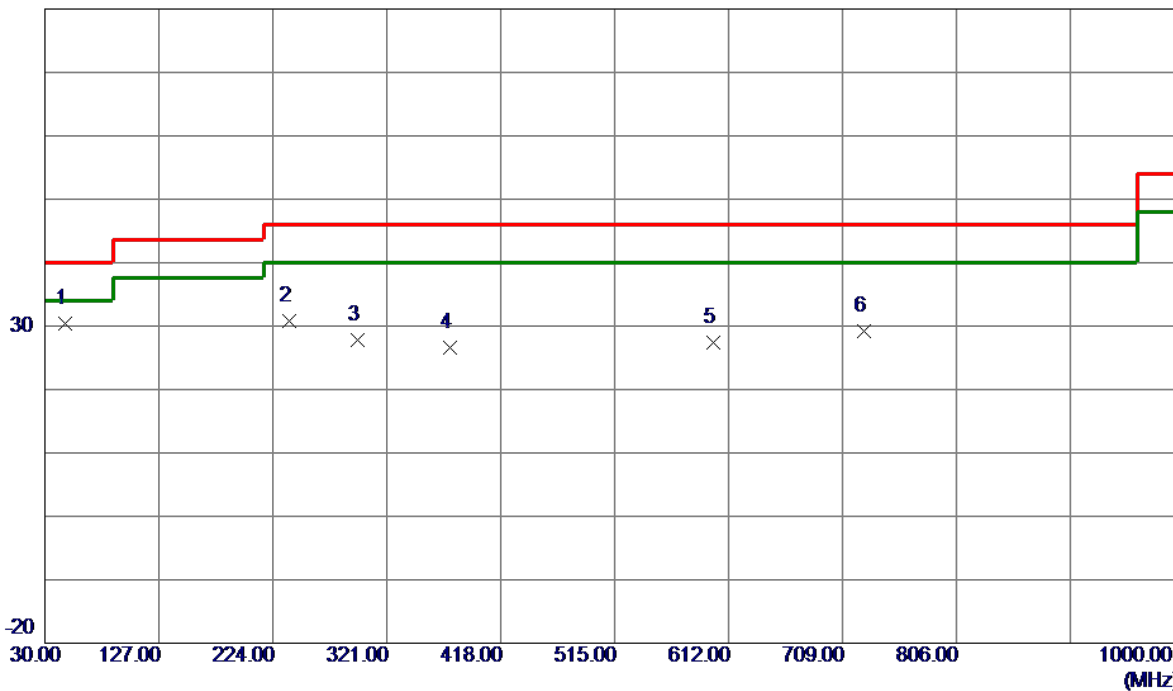
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	0.1955	38.44	16.81	55.25	101.78	-46.53	AVG	
2	0.6173	28.26	16.33	44.59	71.79	-27.20	QP	
3 *	1.3238	24.35	15.77	40.12	65.17	-25.05	QP	

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

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

Vertical

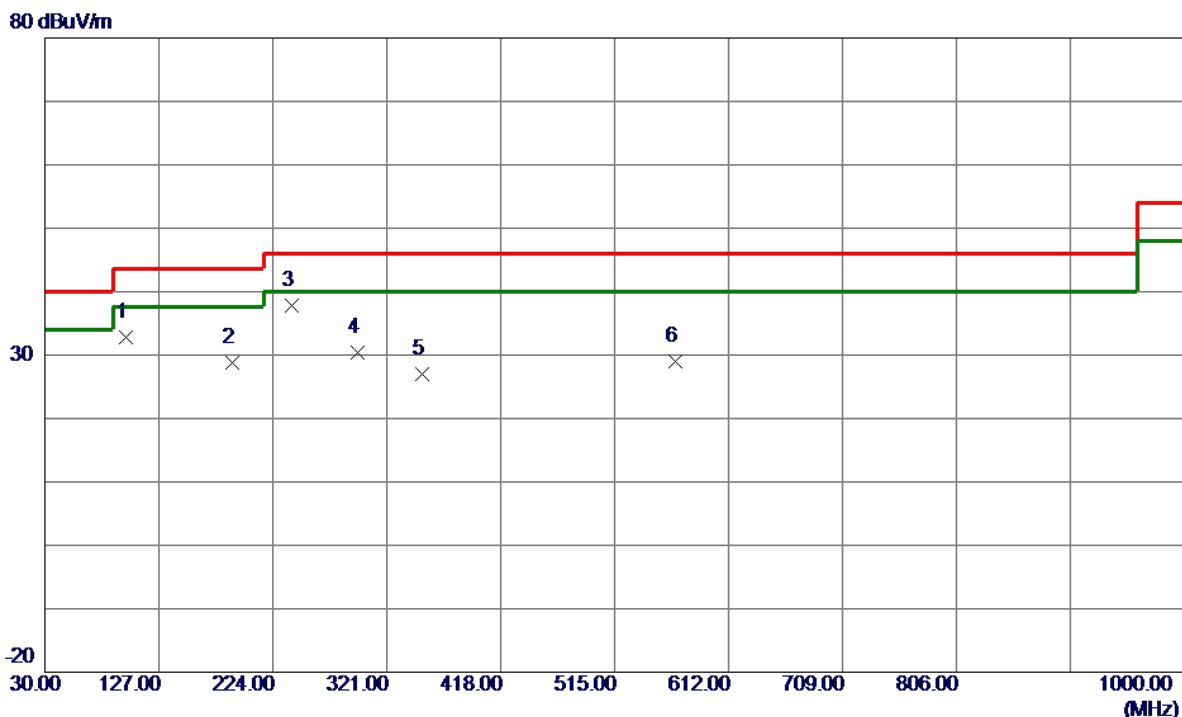
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	46.9750	47.57	-17.25	30.32	40.00	-9.68	Peak	
2	238.0650	48.67	-17.80	30.87	46.00	-15.13	Peak	
3	296.2650	44.03	-16.21	27.82	46.00	-18.18	Peak	
4	374.3500	41.06	-14.44	26.62	46.00	-19.38	Peak	
5	598.9050	37.22	-9.80	27.42	46.00	-18.58	Peak	
6	727.4300	37.77	-8.55	29.22	46.00	-16.78	Peak	

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

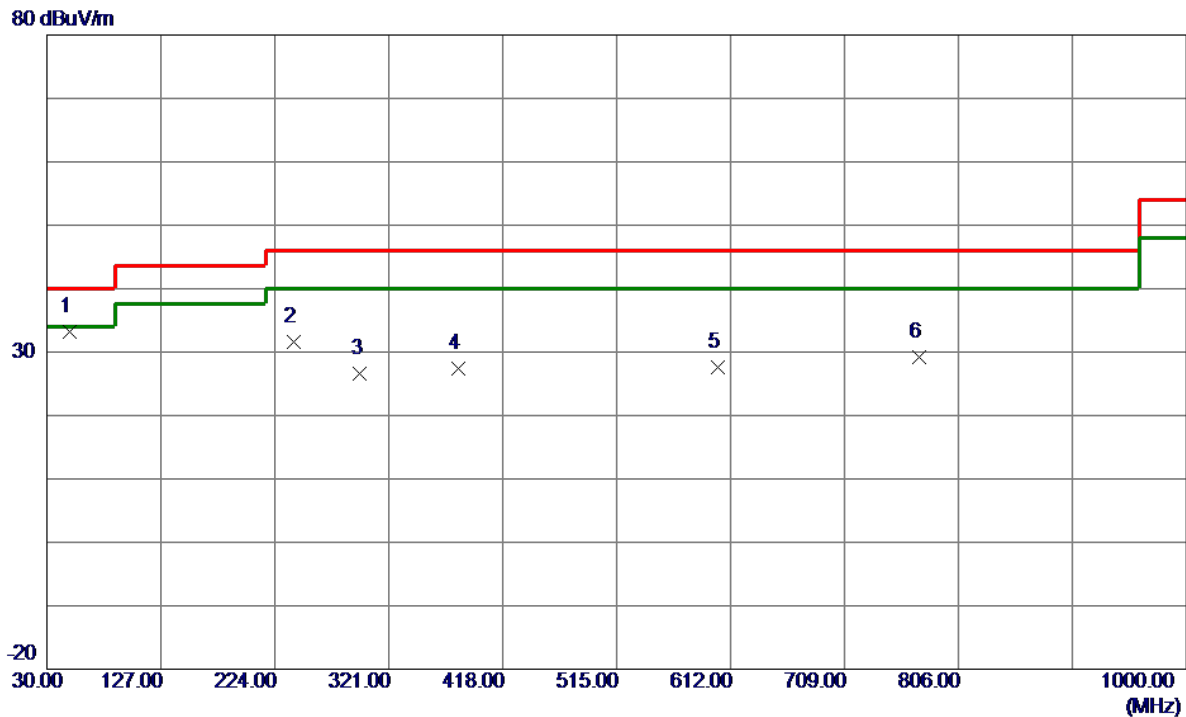
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	52.71	-19.95	32.76	43.50	-10.74	Peak	
2	189.0800	47.99	-19.22	28.77	43.50	-14.73	Peak	
3 *	240.0050	55.56	-17.67	37.89	46.00	-8.11	Peak	
4	295.7800	46.70	-16.24	30.46	46.00	-15.54	Peak	
5	351.5550	40.84	-13.86	26.98	46.00	-19.02	Peak	
6	566.8950	39.29	-10.23	29.06	46.00	-16.94	Peak	

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

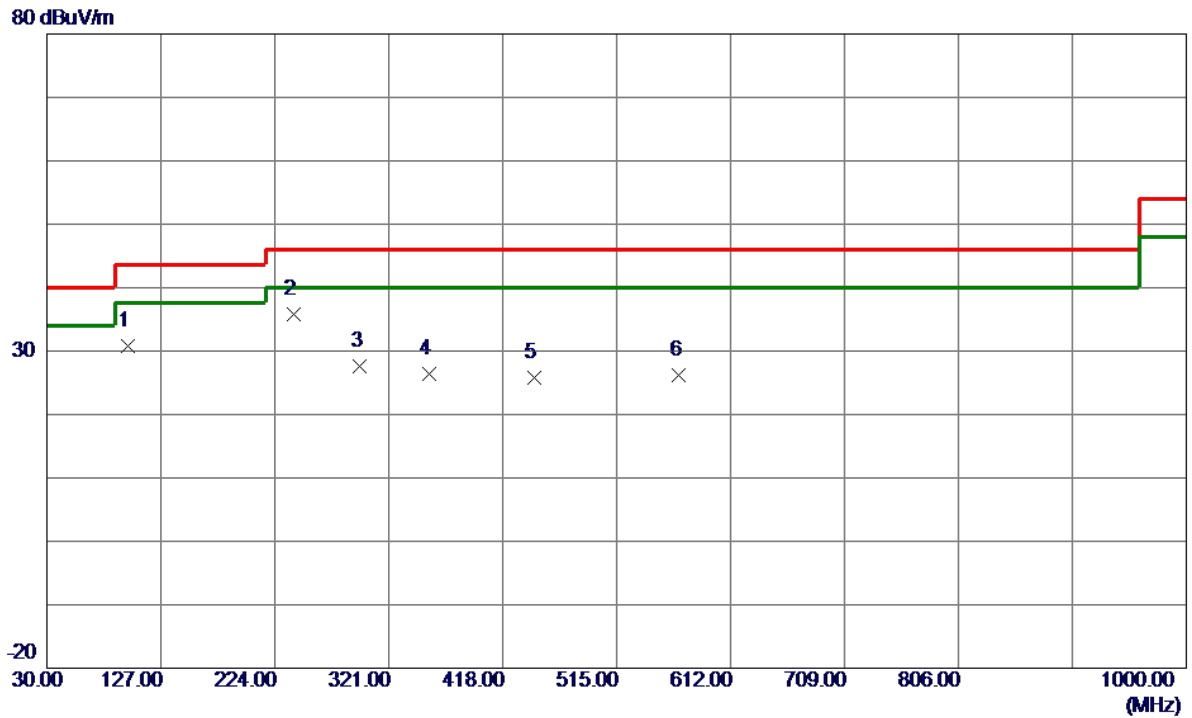
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	49.4000	50.57	-17.43	33.14	40.00	-6.86	Peak	
2	240.0050	49.29	-17.67	31.62	46.00	-14.38	Peak	
3	296.7500	42.70	-16.19	26.51	46.00	-19.49	Peak	
4	380.6550	41.73	-14.39	27.34	46.00	-18.66	Peak	
5	600.8449	37.35	-9.78	27.57	46.00	-18.43	Peak	
6	772.5349	37.00	-7.81	29.19	46.00	-16.81	Peak	

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

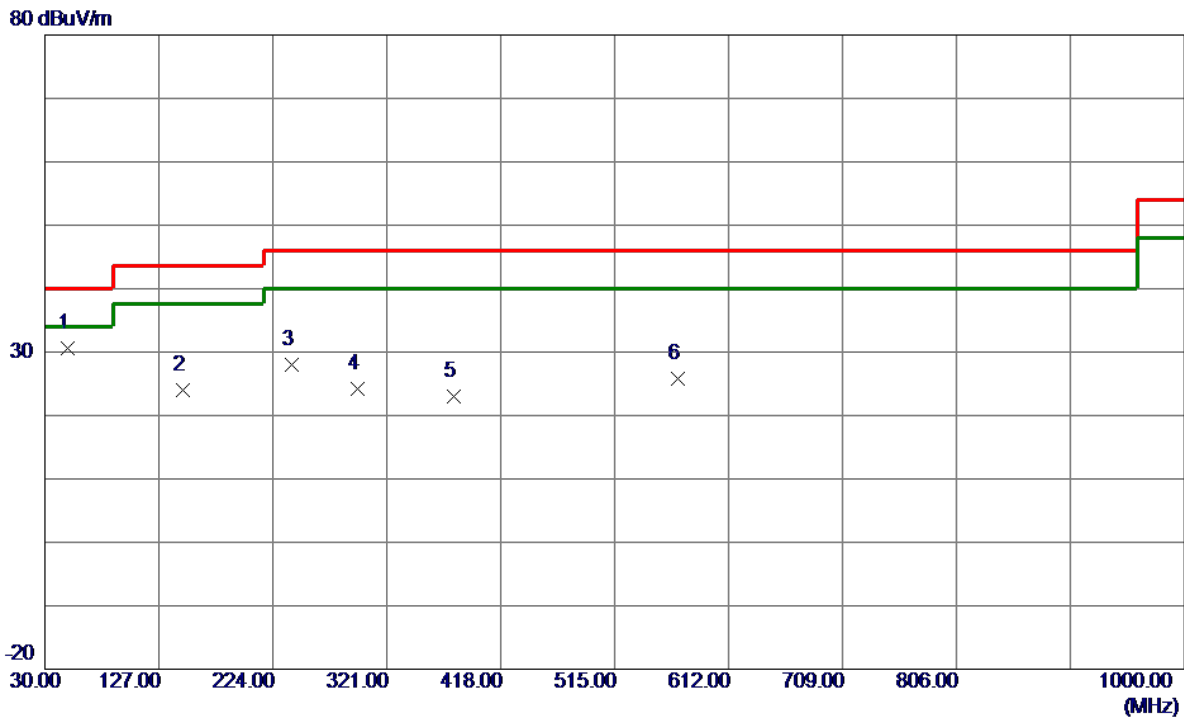
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	50.79	-19.95	30.84	43.50	-12.66	Peak	
2 *	240.0050	53.53	-17.67	35.86	46.00	-10.14	Peak	
3	296.7500	43.88	-16.19	27.69	46.00	-18.31	Peak	
4	355.4350	40.43	-13.96	26.47	46.00	-19.53	Peak	
5	445.1600	38.33	-12.55	25.78	46.00	-20.22	Peak	
6	568.3500	36.38	-10.21	26.17	46.00	-19.83	Peak	

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

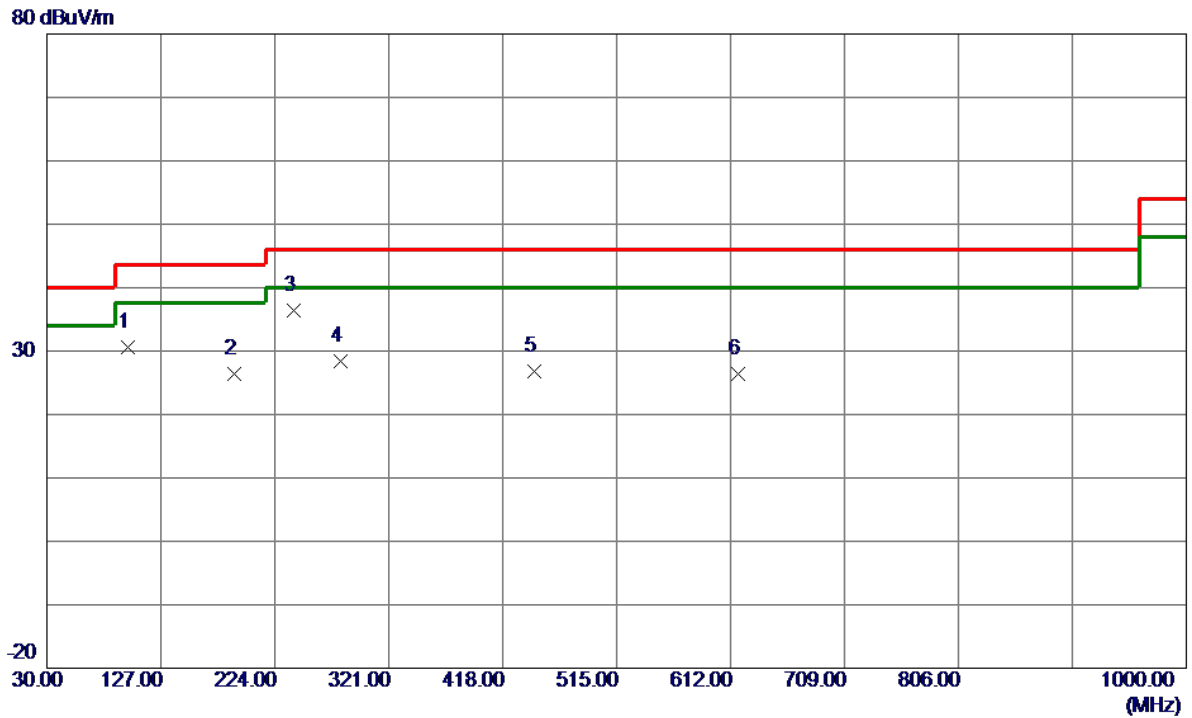
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	49.4000	48.08	-17.43	30.65	40.00	-9.35	Peak	
2	147.8550	39.69	-15.71	23.98	43.50	-19.52	Peak	
3	240.0050	45.68	-17.67	28.01	46.00	-17.99	Peak	
4	296.2650	40.46	-16.21	24.25	46.00	-21.75	Peak	
5	378.2300	37.35	-14.41	22.94	46.00	-23.06	Peak	
6	568.8350	35.92	-10.20	25.72	46.00	-20.28	Peak	

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

Horizontal

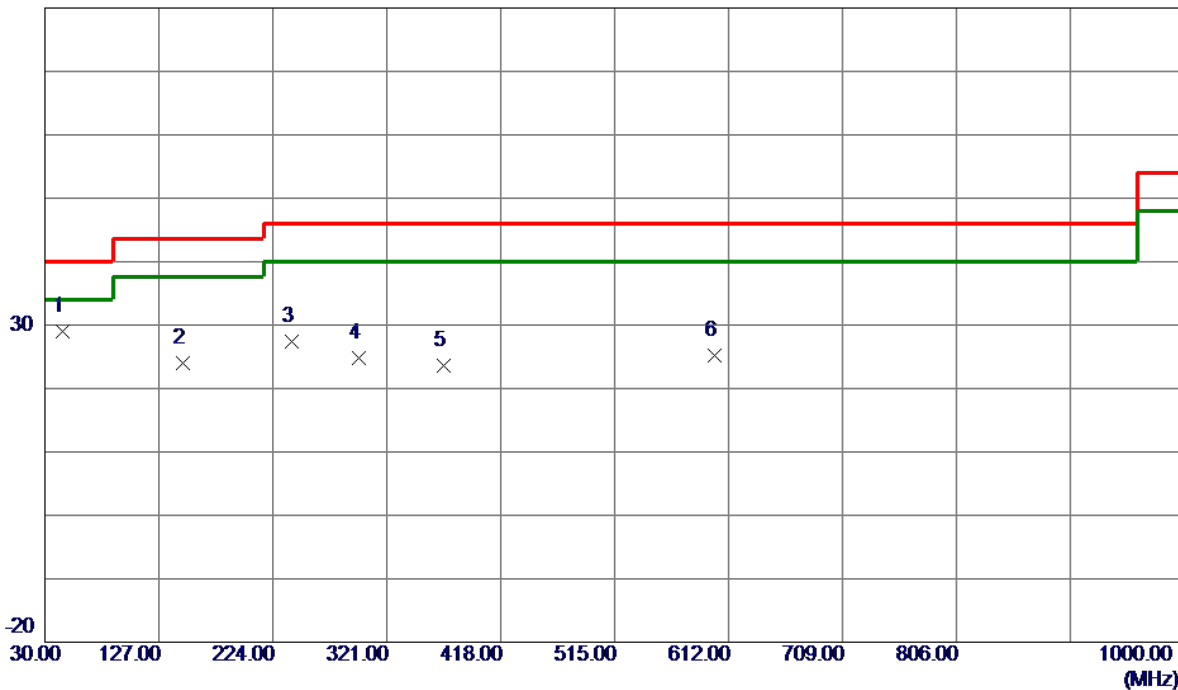


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	50.64	-19.95	30.69	43.50	-12.81	Peak	
2	189.5650	45.65	-19.26	26.39	43.50	-17.11	Peak	
3 *	240.0050	54.11	-17.67	36.44	46.00	-9.56	Peak	
4	280.2600	45.52	-17.03	28.49	46.00	-17.51	Peak	
5	445.1600	39.29	-12.55	26.74	46.00	-19.26	Peak	
6	618.3050	35.96	-9.60	26.36	46.00	-19.64	Peak	

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

Vertical

80 dBuV/m

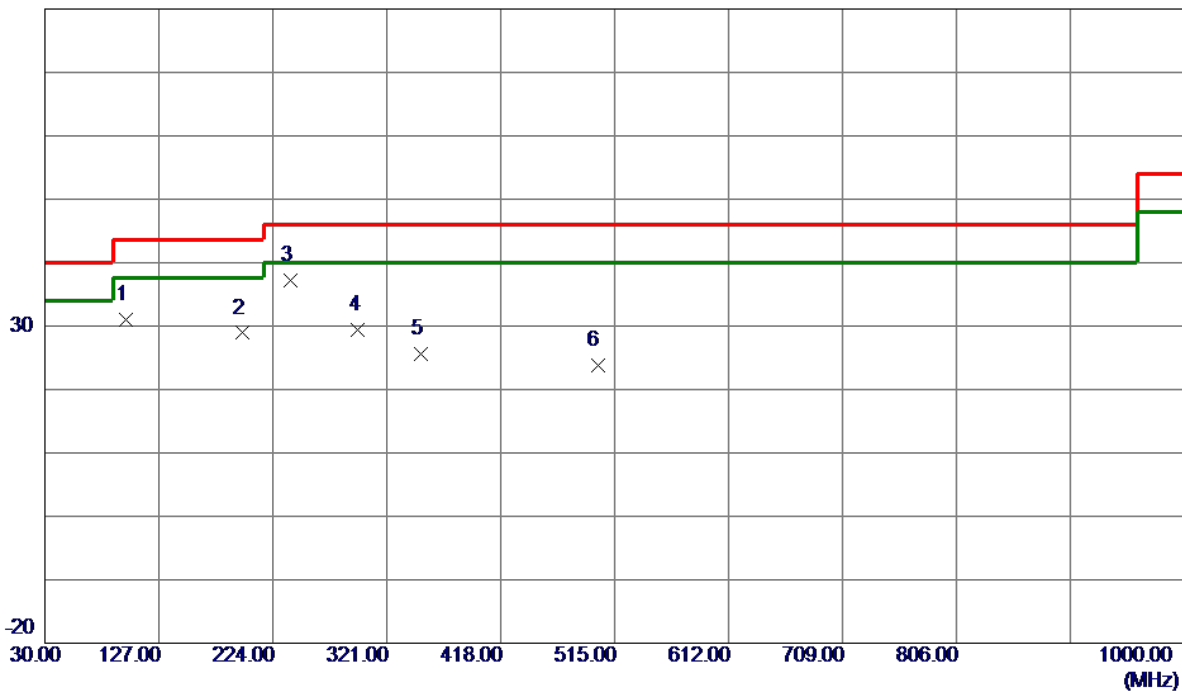


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	45.5200	46.10	-17.15	28.95	40.00	-11.05	Peak	
2	147.8550	39.71	-15.71	24.00	43.50	-19.50	Peak	
3	240.0050	45.15	-17.67	27.48	46.00	-18.52	Peak	
4	297.7200	40.94	-16.14	24.80	46.00	-21.20	Peak	
5	369.5000	37.93	-14.31	23.62	46.00	-22.38	Peak	
6	599.8750	35.06	-9.79	25.27	46.00	-20.73	Peak	

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

Horizontal

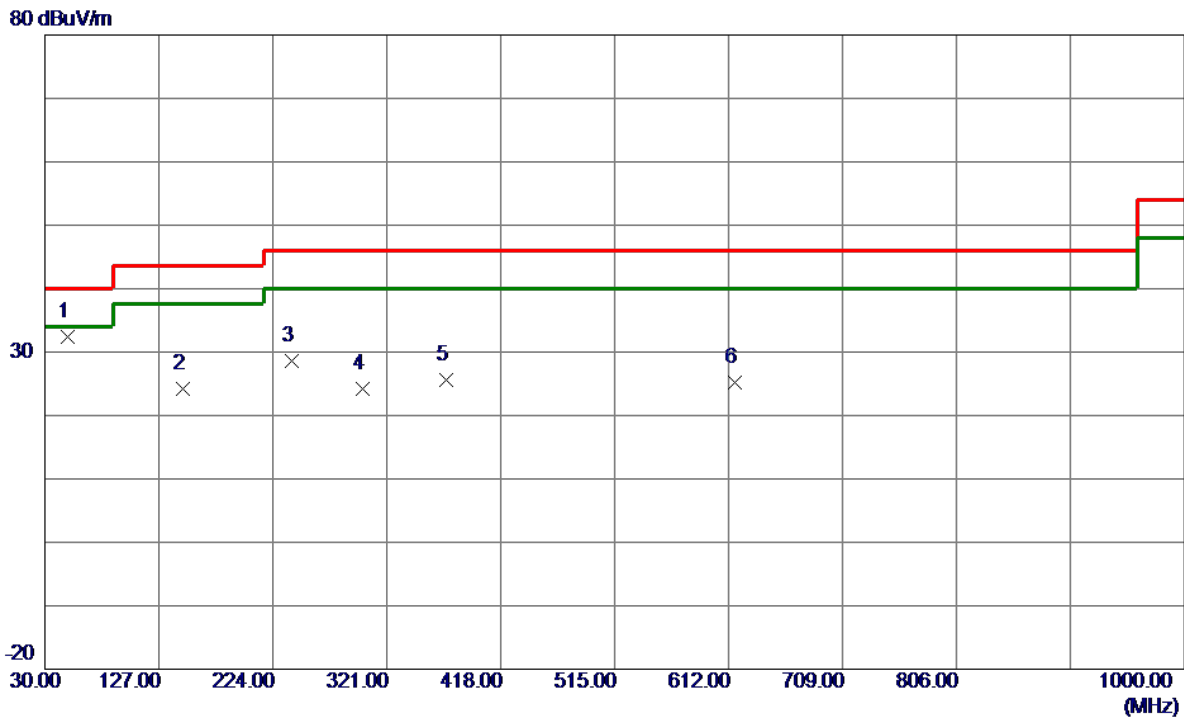
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	50.99	-19.95	31.04	43.50	-12.46	Peak	
2	197.8100	48.64	-19.74	28.90	43.50	-14.60	Peak	
3 *	239.5200	54.88	-17.70	37.18	46.00	-8.82	Peak	
4	296.7500	45.62	-16.19	29.43	46.00	-16.57	Peak	
5	349.6150	39.47	-13.84	25.63	46.00	-20.37	Peak	
6	500.4500	35.58	-11.71	23.87	46.00	-22.13	Peak	

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

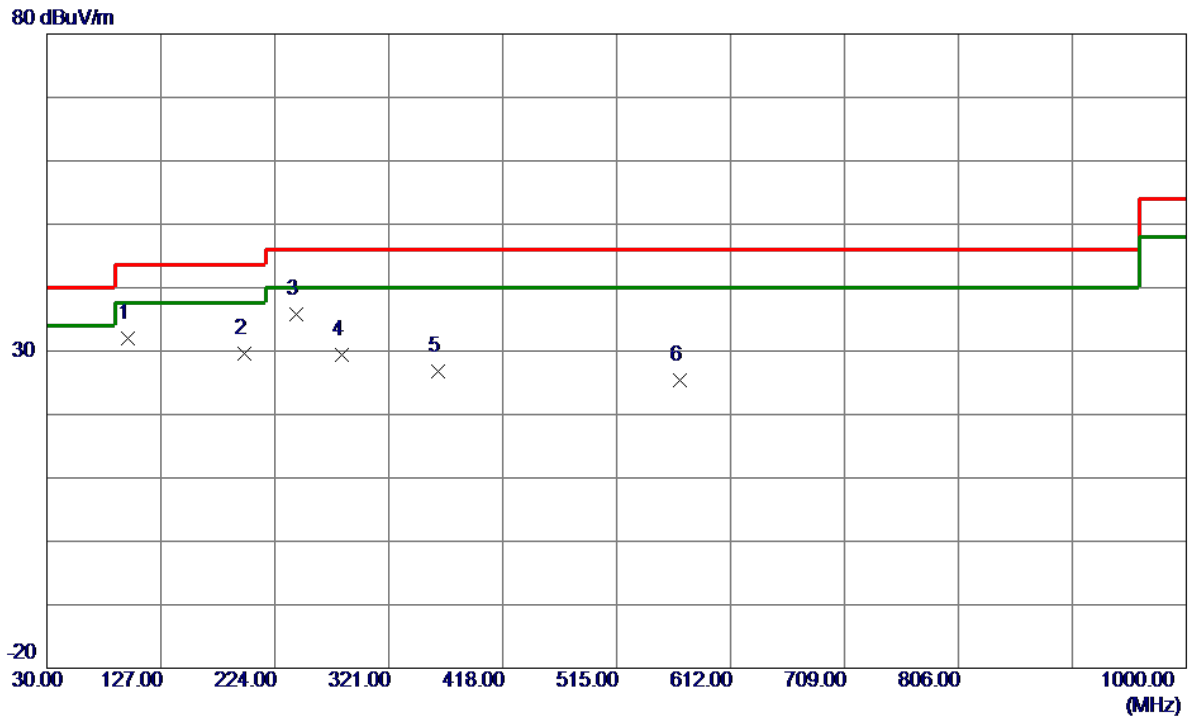
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	49.4000	49.81	-17.43	32.38	40.00	-7.62	Peak	
2	147.8550	39.91	-15.71	24.20	43.50	-19.30	Peak	
3	240.0050	46.19	-17.67	28.52	46.00	-17.48	Peak	
4	300.1450	40.19	-16.01	24.18	46.00	-21.82	Peak	
5	371.9250	39.91	-14.38	25.53	46.00	-20.47	Peak	
6	617.8200	34.87	-9.60	25.27	46.00	-20.73	Peak	

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

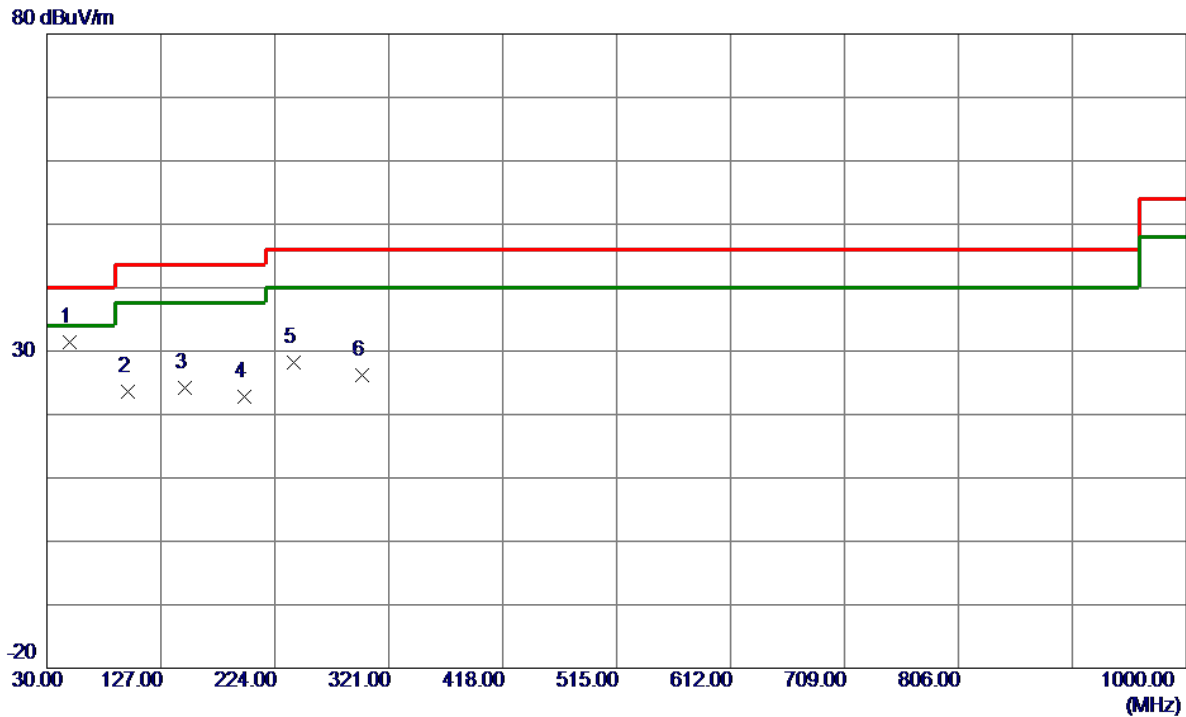
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	51.91	-19.95	31.96	43.50	-11.54	Peak	
2	197.8100	49.38	-19.74	29.64	43.50	-13.86	Peak	
3 *	241.9450	53.48	-17.63	35.85	46.00	-10.15	Peak	
4	280.7450	46.37	-17.01	29.36	46.00	-16.64	Peak	
5	362.7100	40.87	-14.14	26.73	46.00	-19.27	Peak	
6	568.8350	35.60	-10.20	25.40	46.00	-20.60	Peak	

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

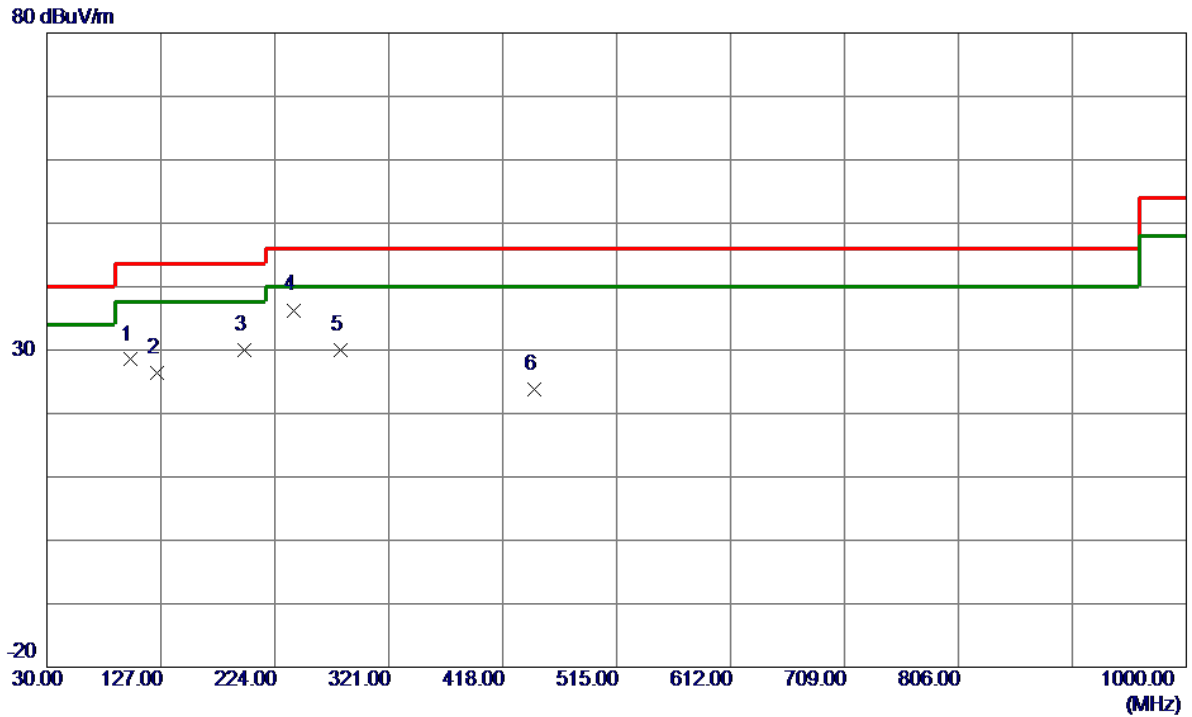
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	49.4000	48.74	-17.43	31.31	40.00	-8.69	Peak	
2	98.8700	43.48	-19.95	23.53	43.50	-19.97	Peak	
3	147.8550	40.00	-15.71	24.29	43.50	-19.21	Peak	
4	197.8100	42.56	-19.74	22.82	43.50	-20.68	Peak	
5	240.0050	45.95	-17.67	28.28	46.00	-17.72	Peak	
6	298.6900	42.29	-16.09	26.20	46.00	-19.80	Peak	

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

Horizontal

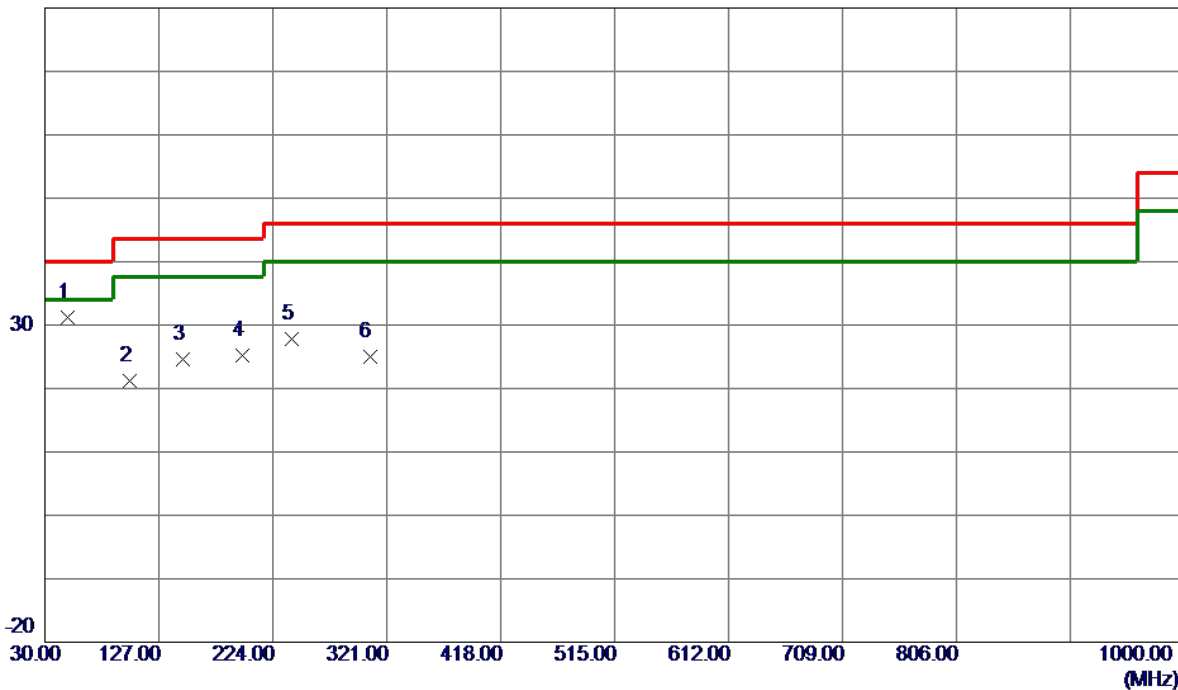


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	100.8100	48.25	-19.75	28.50	43.50	-15.00	Peak	
2	123.6050	43.98	-17.50	26.48	43.50	-17.02	Peak	
3	197.8100	49.69	-19.74	29.95	43.50	-13.55	Peak	
4 *	240.0050	53.97	-17.67	36.30	46.00	-9.70	Peak	
5	280.2600	47.01	-17.03	29.98	46.00	-16.02	Peak	
6	444.6750	36.39	-12.56	23.83	46.00	-22.17	Peak	

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

Vertical

80 dBuV/m

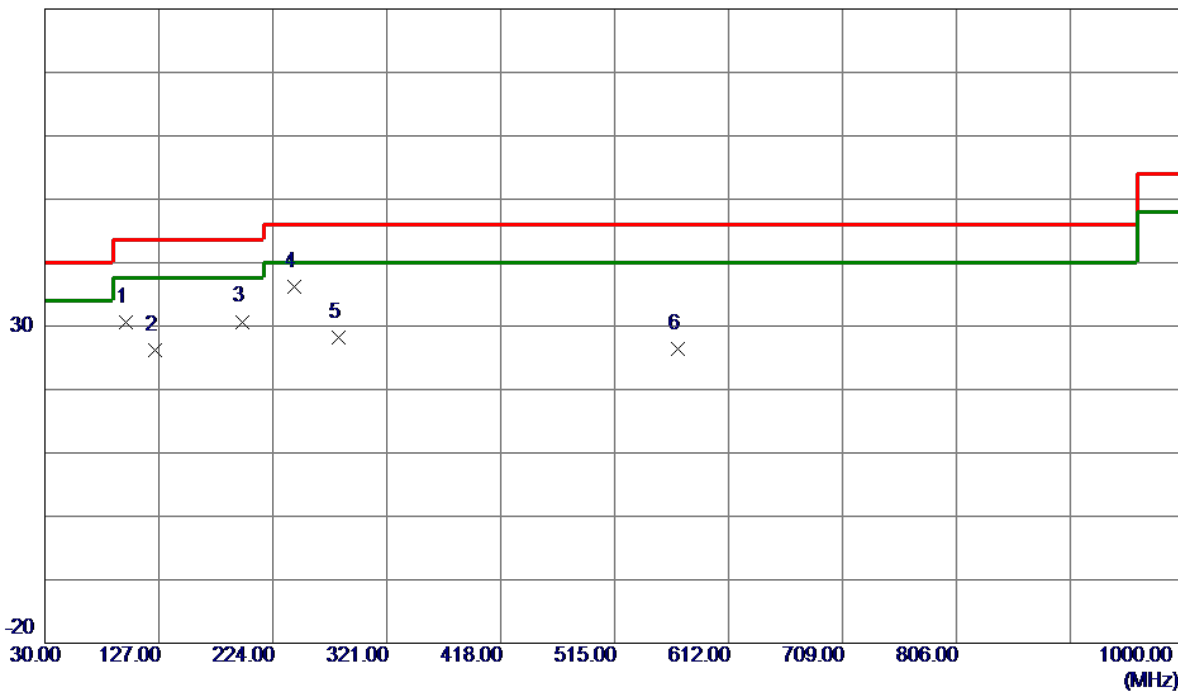


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	49.4000	48.71	-17.43	31.28	40.00	-8.72	Peak	
2	102.2650	40.69	-19.57	21.12	43.50	-22.38	Peak	
3	147.8550	40.38	-15.71	24.67	43.50	-18.83	Peak	
4	197.8100	45.01	-19.74	25.27	43.50	-18.23	Peak	
5	240.4900	45.46	-17.66	27.80	46.00	-18.20	Peak	
6	306.4500	40.64	-15.71	24.93	46.00	-21.07	Peak	

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

Horizontal

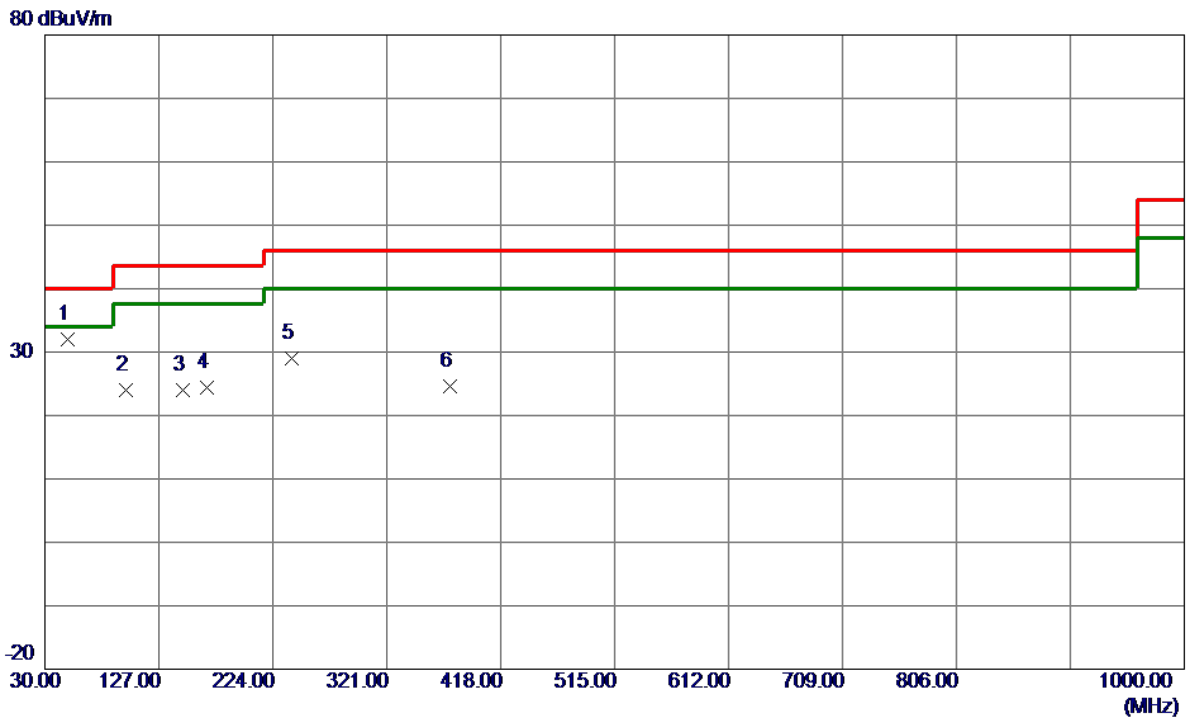
80 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	98.8700	50.53	-19.95	30.58	43.50	-12.92	Peak	
2	123.6050	43.75	-17.50	26.25	43.50	-17.25	Peak	
3	197.8100	50.44	-19.74	30.70	43.50	-12.80	Peak	
4 *	242.4300	53.78	-17.63	36.15	46.00	-9.85	Peak	
5	280.2600	45.26	-17.03	28.23	46.00	-17.77	Peak	
6	568.8350	36.54	-10.20	26.34	46.00	-19.66	Peak	

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

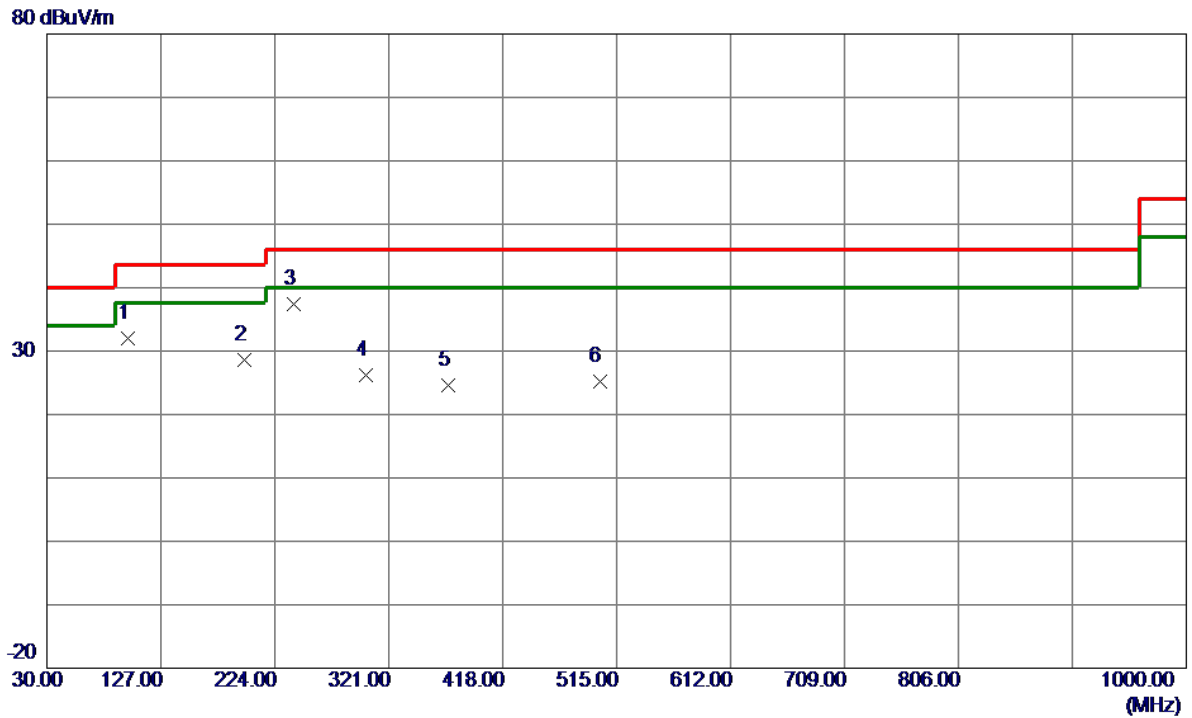
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	49.4000	49.48	-17.43	32.05	40.00	-7.95	Peak	
2	98.8700	43.86	-19.95	23.91	43.50	-19.59	Peak	
3	147.8550	39.63	-15.71	23.92	43.50	-19.58	Peak	
4	167.7400	40.58	-16.26	24.32	43.50	-19.18	Peak	
5	240.0050	46.64	-17.67	28.97	46.00	-17.03	Peak	
6	375.3200	39.11	-14.45	24.66	46.00	-21.34	Peak	

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

Horizontal

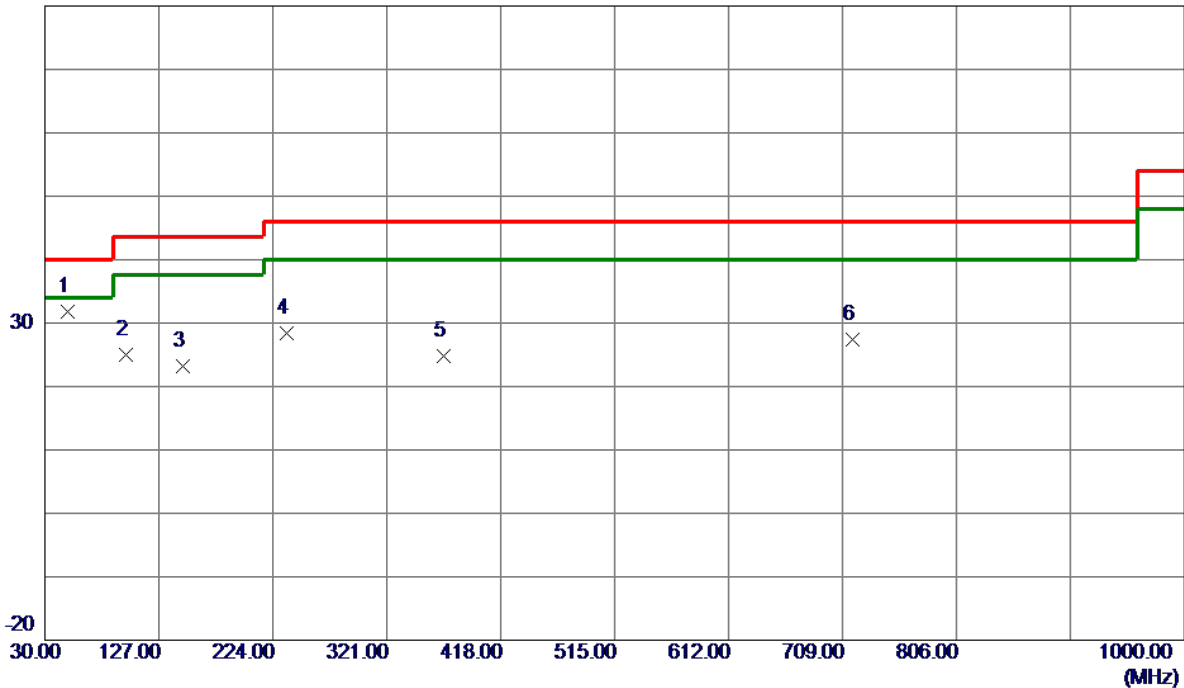


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	51.99	-19.95	32.04	43.50	-11.46	Peak	
2	197.8100	48.35	-19.74	28.61	43.50	-14.89	Peak	
3 *	240.0050	55.04	-17.67	37.37	46.00	-8.63	Peak	
4	302.0850	42.16	-15.92	26.24	46.00	-19.76	Peak	
5	371.9250	38.93	-14.38	24.55	46.00	-21.45	Peak	
6	500.4500	36.97	-11.71	25.26	46.00	-20.74	Peak	

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

Vertical

80 dBuV/m

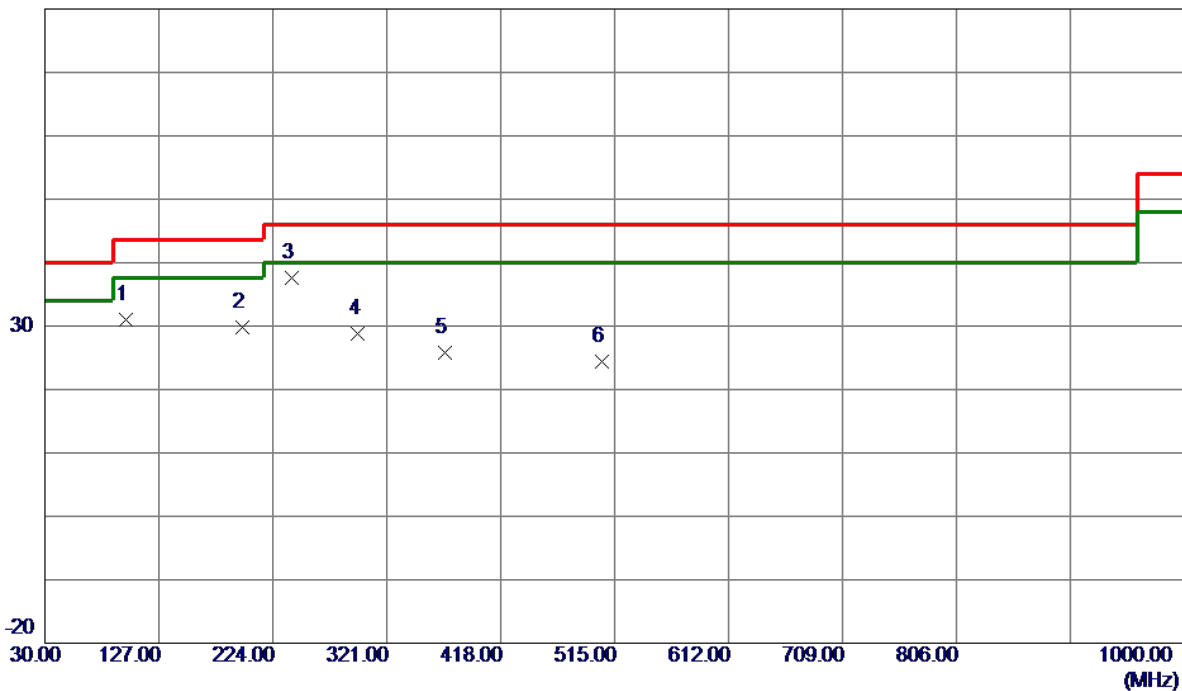


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	49.4000	49.25	-17.43	31.82	40.00	-8.18	Peak	
2	98.8700	44.88	-19.95	24.93	43.50	-18.57	Peak	
3	147.8550	38.97	-15.71	23.26	43.50	-20.24	Peak	
4	235.6400	46.42	-17.97	28.45	46.00	-17.55	Peak	
5	369.9849	39.19	-14.33	24.86	46.00	-21.14	Peak	
6	717.2450	36.14	-8.81	27.33	46.00	-18.67	Peak	

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

Horizontal

80 dBuV/m

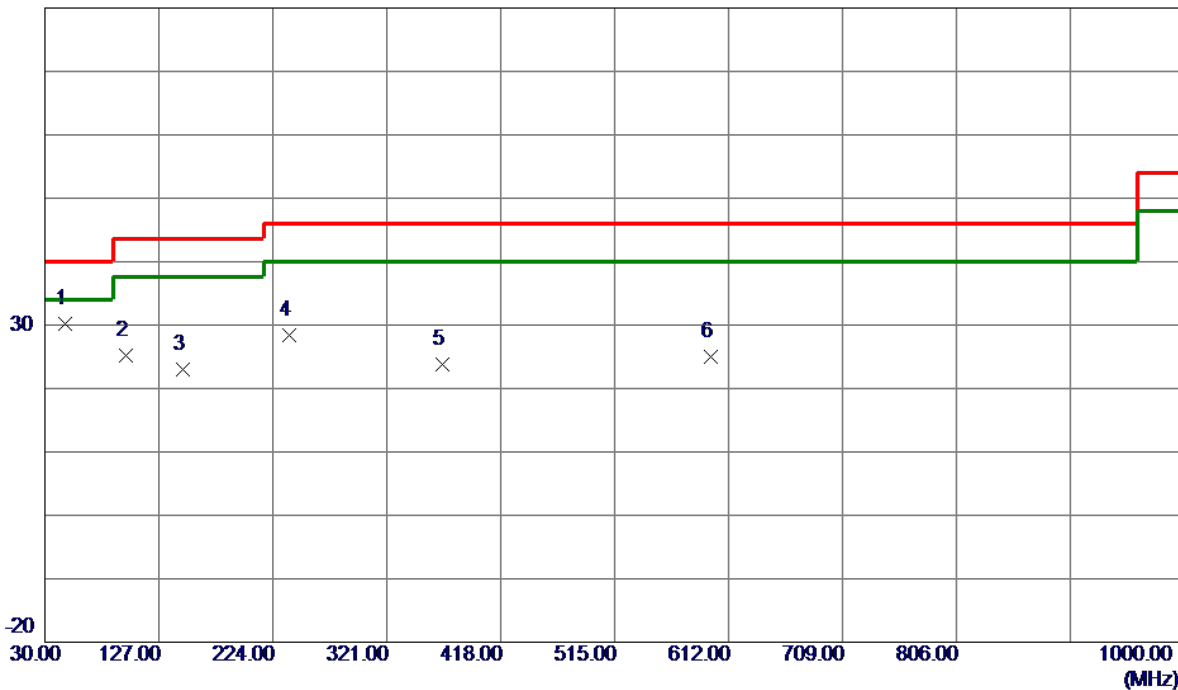


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	50.99	-19.95	31.04	43.50	-12.46	Peak	
2	197.8100	49.45	-19.74	29.71	43.50	-13.79	Peak	
3 *	240.0050	55.27	-17.67	37.60	46.00	-8.40	Peak	
4	296.7500	45.06	-16.19	28.87	46.00	-17.13	Peak	
5	370.9549	40.21	-14.35	25.86	46.00	-20.14	Peak	
6	504.3300	36.04	-11.61	24.43	46.00	-21.57	Peak	

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

Vertical

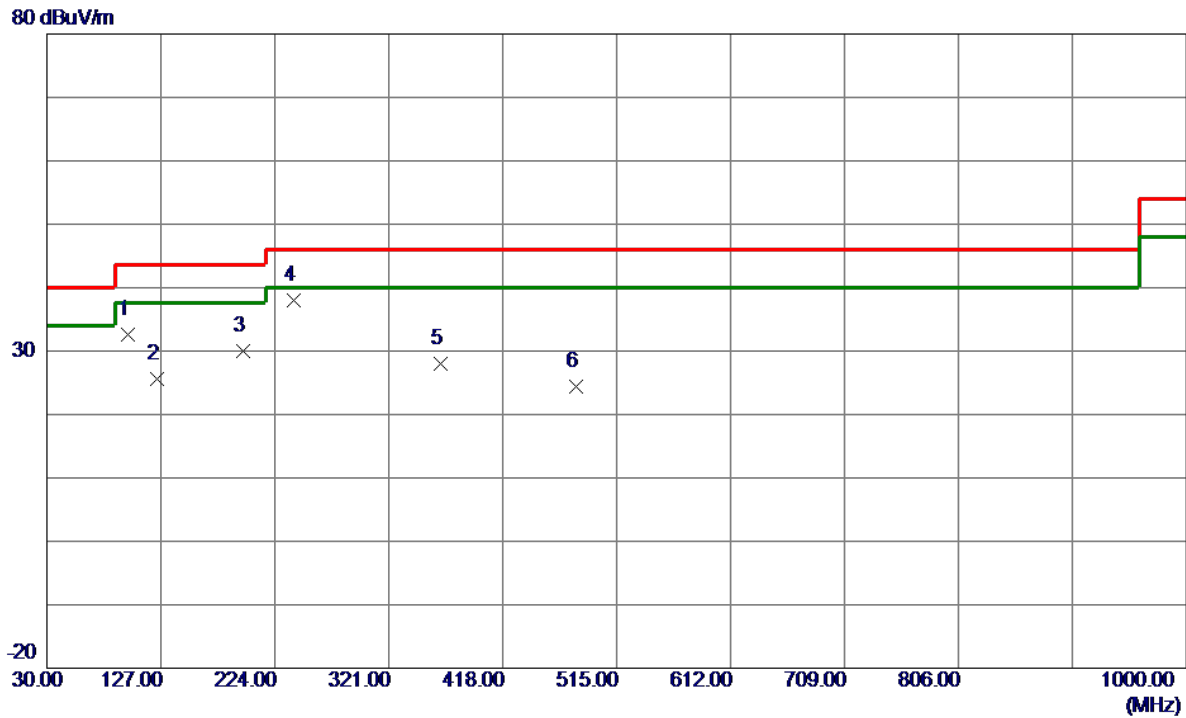
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	46.9750	47.48	-17.25	30.23	40.00	-9.77	Peak	
2	98.8700	45.09	-19.95	25.14	43.50	-18.36	Peak	
3	147.8550	38.79	-15.71	23.08	43.50	-20.42	Peak	
4	238.0650	46.29	-17.80	28.49	46.00	-17.51	Peak	
5	368.0450	38.07	-14.28	23.79	46.00	-22.21	Peak	
6	596.4800	34.89	-9.84	25.05	46.00	-20.95	Peak	

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

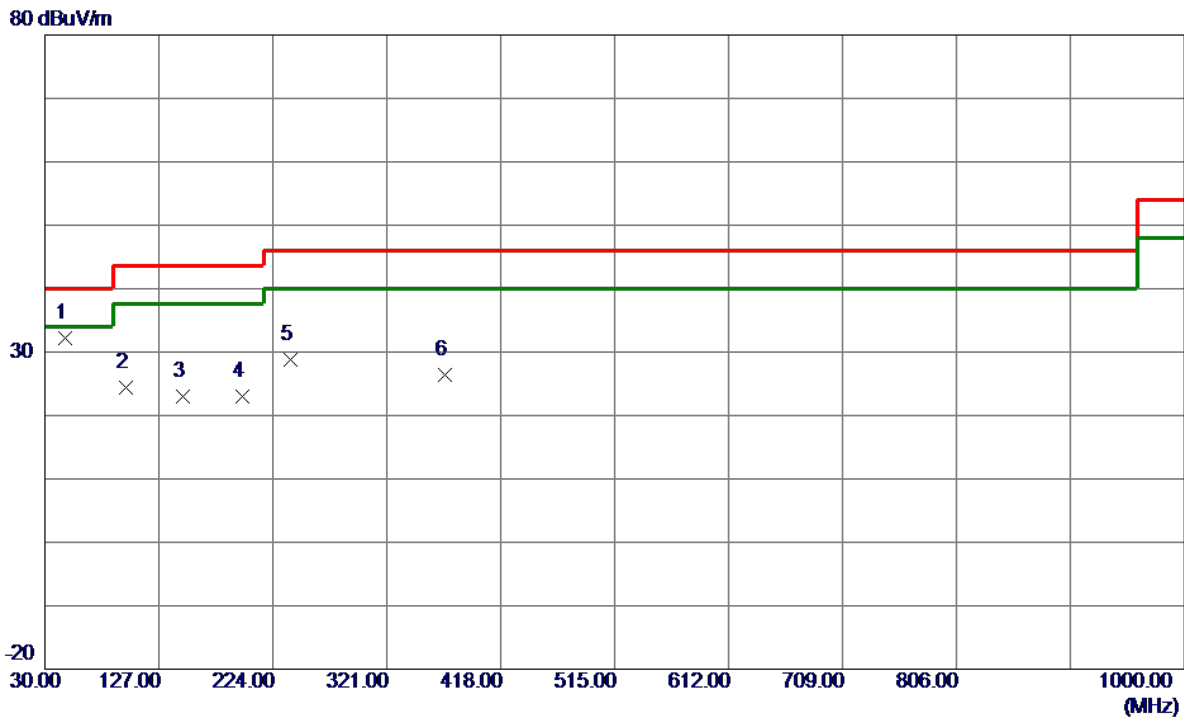
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	52.56	-19.95	32.61	43.50	-10.89	Peak	
2	123.6050	43.04	-17.50	25.54	43.50	-17.96	Peak	
3	197.3250	49.67	-19.71	29.96	43.50	-13.54	Peak	
4 *	240.0050	55.76	-17.67	38.09	46.00	-7.91	Peak	
5	365.6200	42.20	-14.22	27.98	46.00	-18.02	Peak	
6	480.0800	36.51	-12.18	24.33	46.00	-21.67	Peak	

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

Vertical

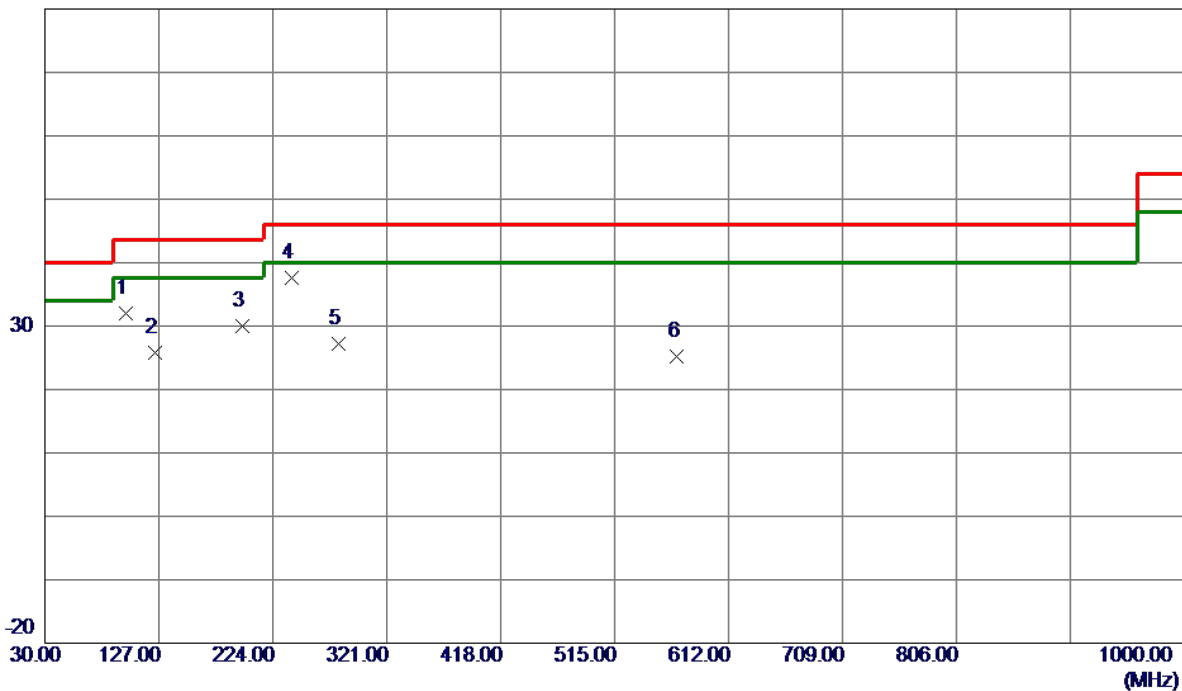


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	46.9750	49.42	-17.25	32.17	40.00	-7.83	Peak	
2	98.8700	44.38	-19.95	24.43	43.50	-19.07	Peak	
3	147.8550	38.68	-15.71	22.97	43.50	-20.53	Peak	
4	197.8100	42.67	-19.74	22.93	43.50	-20.57	Peak	
5	238.5500	46.52	-17.77	28.75	46.00	-17.25	Peak	
6	370.4700	40.73	-14.34	26.39	46.00	-19.61	Peak	

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

Horizontal

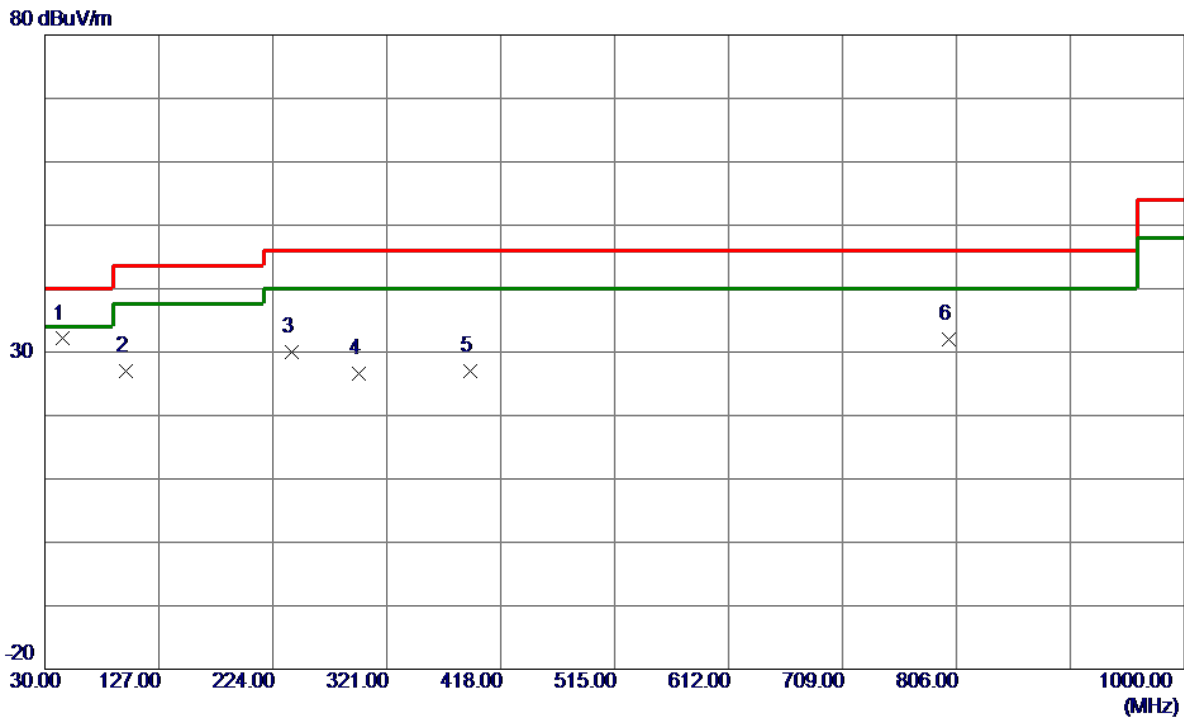
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	52.00	-19.95	32.05	43.50	-11.45	Peak	
2	123.6050	43.28	-17.50	25.78	43.50	-17.72	Peak	
3	197.8100	49.82	-19.74	30.08	43.50	-13.42	Peak	
4 *	240.0050	55.21	-17.67	37.54	46.00	-8.46	Peak	
5	280.2600	44.24	-17.03	27.21	46.00	-18.79	Peak	
6	568.3500	35.42	-10.21	25.21	46.00	-20.79	Peak	

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

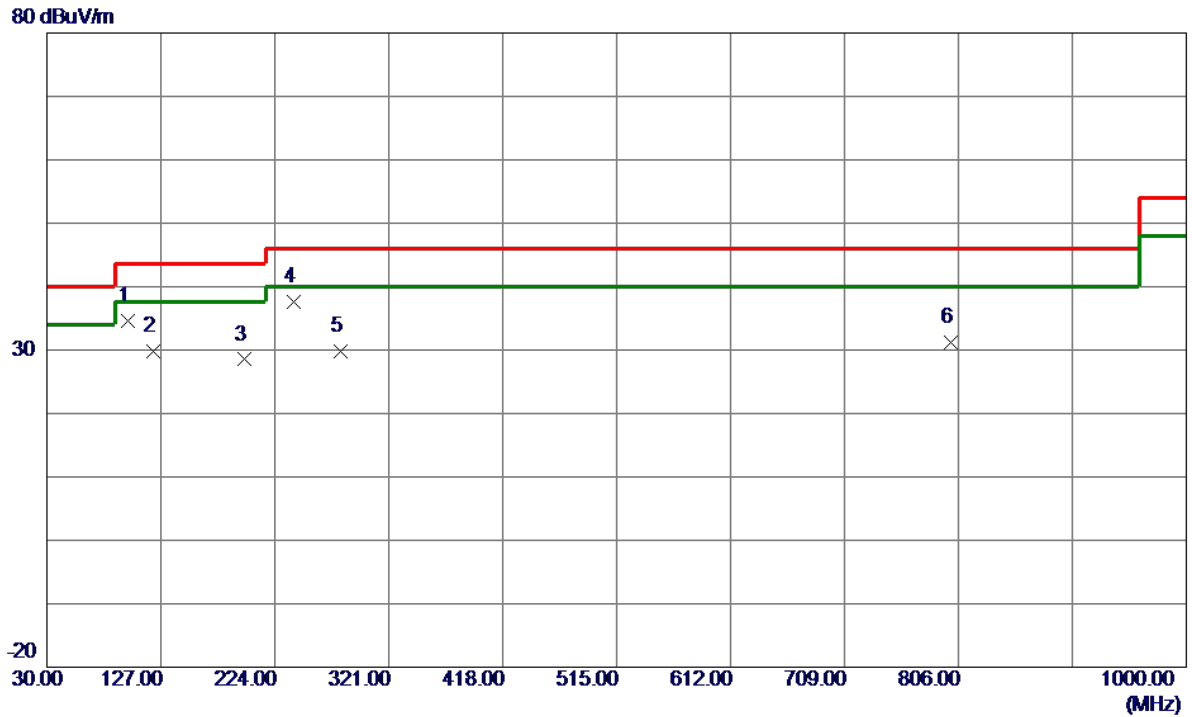
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	45.5200	49.25	-17.15	32.10	40.00	-7.90	Peak	
2	98.8700	46.92	-19.95	26.97	43.50	-16.53	Peak	
3	240.0050	47.59	-17.67	29.92	46.00	-16.08	Peak	
4	297.7200	42.68	-16.14	26.54	46.00	-19.46	Peak	
5	392.2950	41.33	-14.25	27.08	46.00	-18.92	Peak	
6	799.6950	39.62	-7.60	32.02	46.00	-13.98	Peak	

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

Horizontal



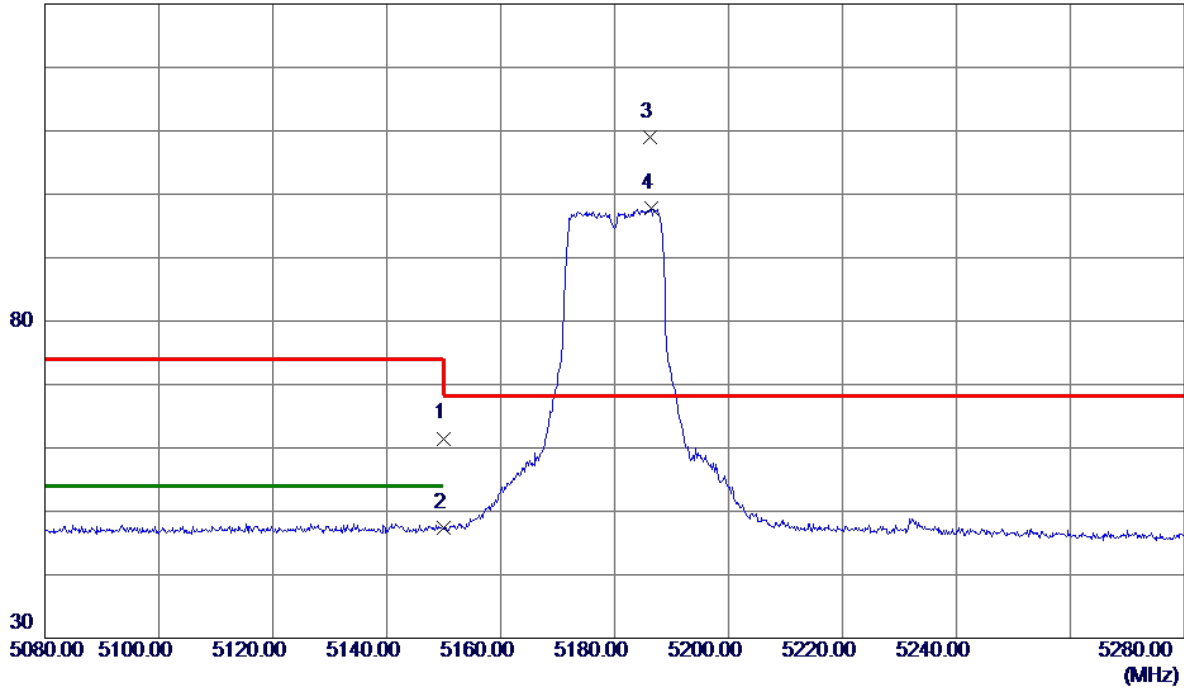
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	98.8700	54.48	-19.95	34.53	43.50	-8.97	Peak	
2	120.2100	47.52	-17.66	29.86	43.50	-13.64	Peak	
3	197.8100	48.24	-19.74	28.50	43.50	-15.00	Peak	
4 *	240.0050	55.36	-17.67	37.69	46.00	-8.31	Peak	
5	280.2600	46.83	-17.03	29.80	46.00	-16.20	Peak	
6	799.6950	38.78	-7.60	31.18	46.00	-14.82	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000 MHZ)

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

Vertical

130 dBuV/m

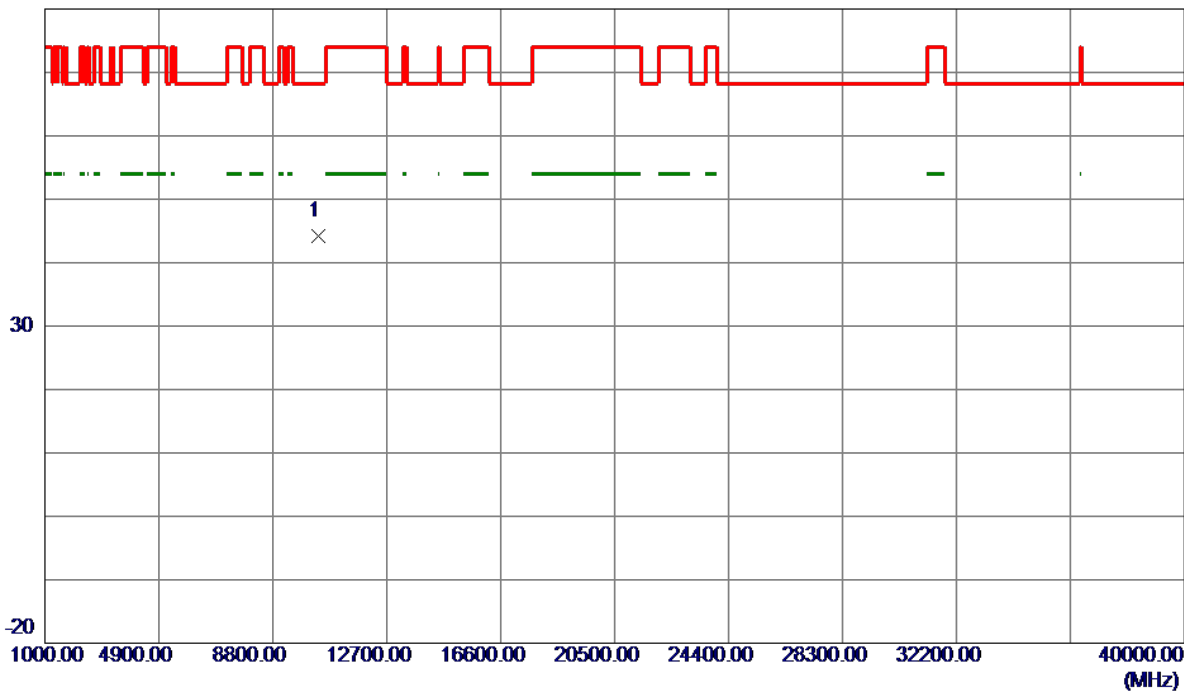


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	22.50	39.00	61.50	74.00	-12.50	Peak	
2	5150.0000	8.49	39.00	47.49	54.00	-6.51	AVG	
3 *	5186.3000	69.86	39.12	108.98	68.30	40.68	Peak	No Limit
4	5186.5000	58.66	39.12	97.78	999.00	-901.22	AVG	No Limit

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

Vertical

80 dBuV/m

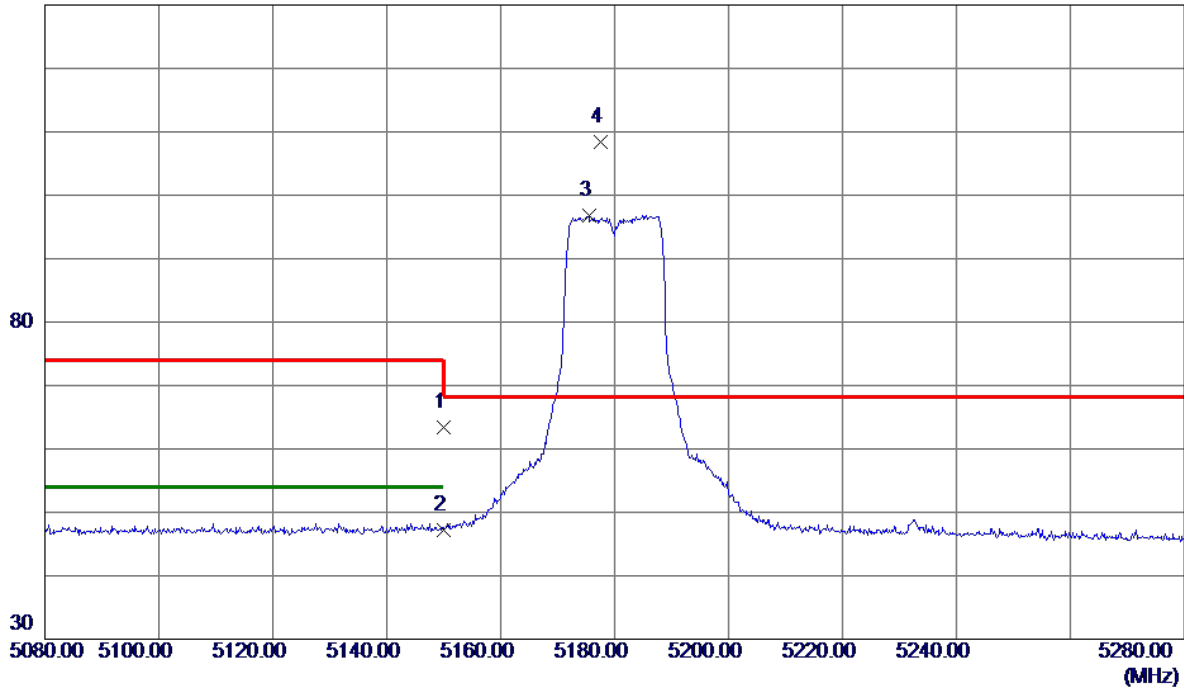


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10359.4100	46.88	-2.70	44.18	68.30	-24.12	Peak	

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

Horizontal

130 dBuV/m

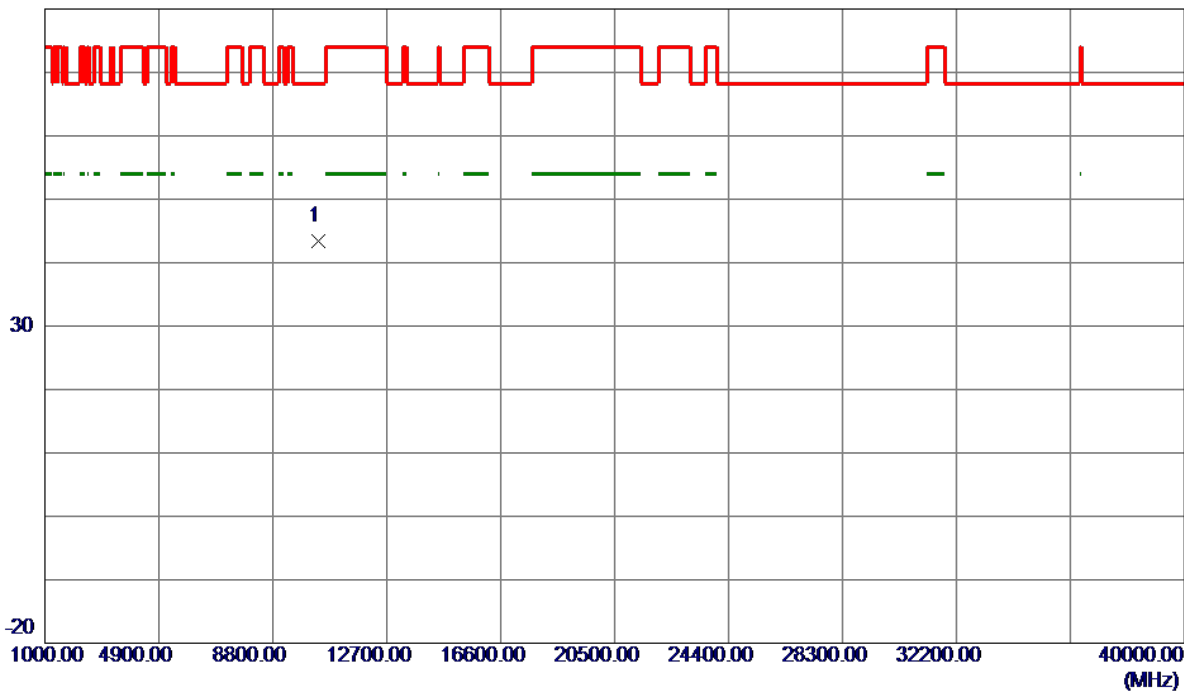


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.42	39.00	63.42	74.00	-10.58	Peak	
2	5150.0000	8.19	39.00	47.19	54.00	-6.81	AVG	
3	5175.5000	57.72	39.08	96.80	999.00	-902.20	AVG	No Limit
4 *	5177.5000	69.22	39.09	108.31	68.30	40.01	Peak	No Limit

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

Horizontal

80 dBuV/m

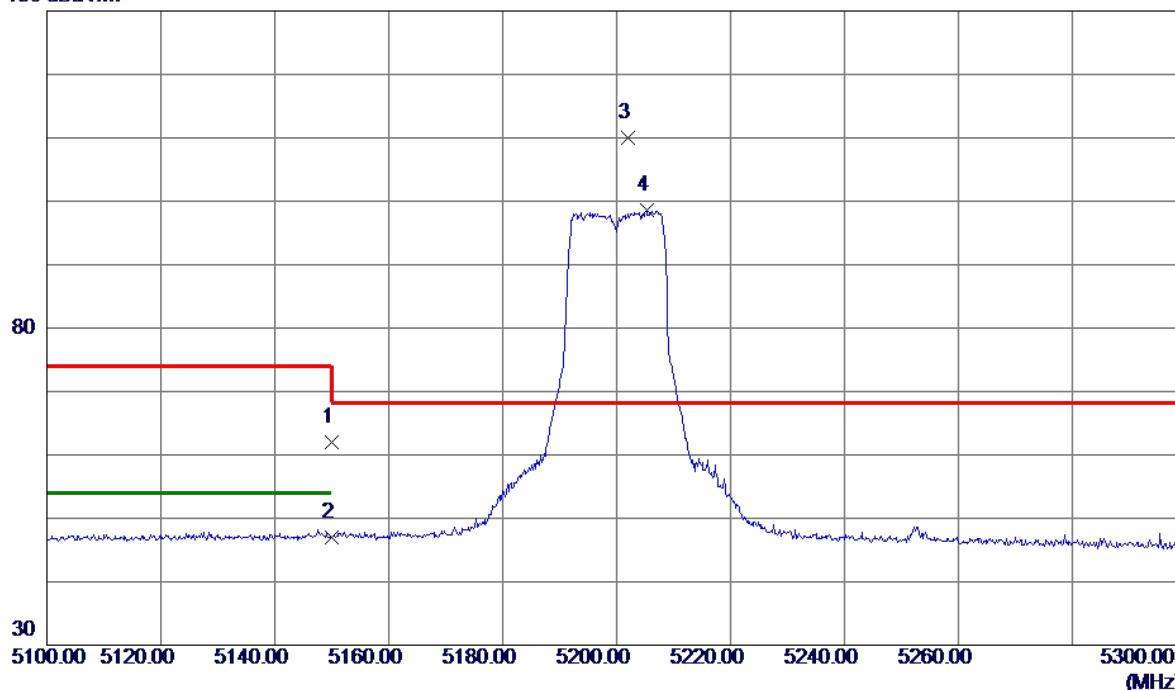


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10362.3500	46.17	-2.69	43.48	68.30	-24.82	Peak	

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

Vertical

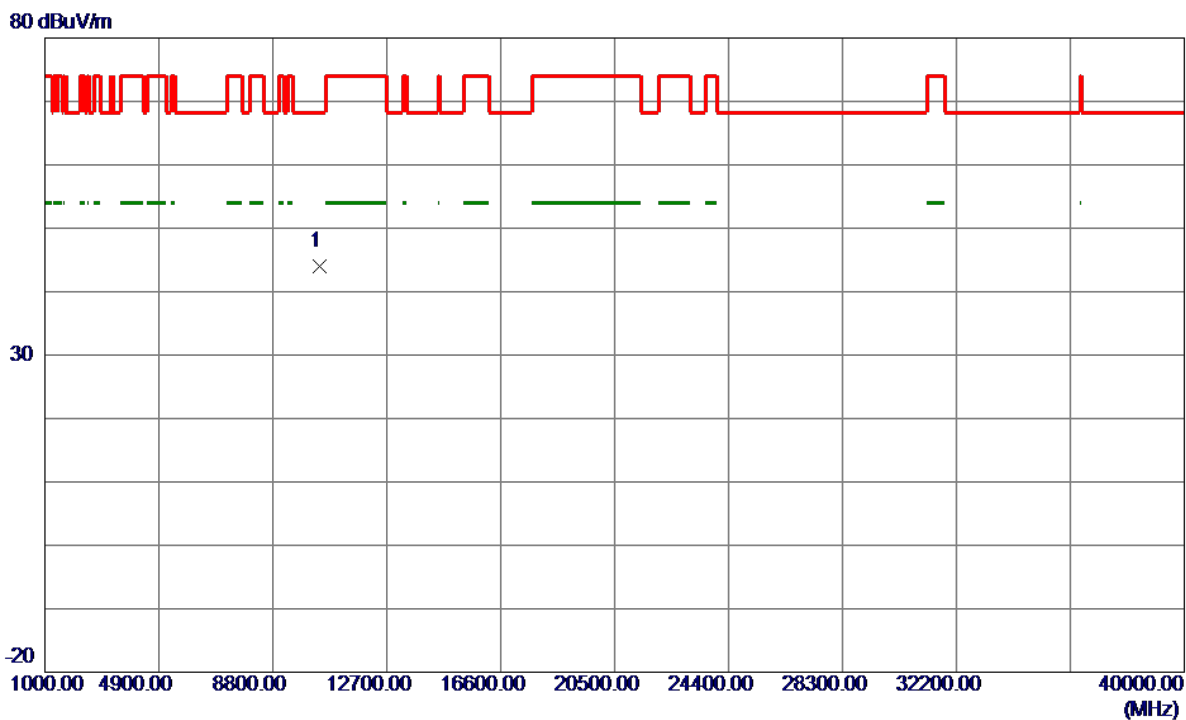
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	23.01	39.00	62.01	74.00	-11.99	Peak	
2	5150.0000	7.99	39.00	46.99	54.00	-7.01	AVG	
3 *	5202.0000	70.86	39.17	110.03	68.30	41.73	Peak	No Limit
4	5205.3000	59.36	39.18	98.54	999.00	-900.46	AVG	No Limit

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

Vertical

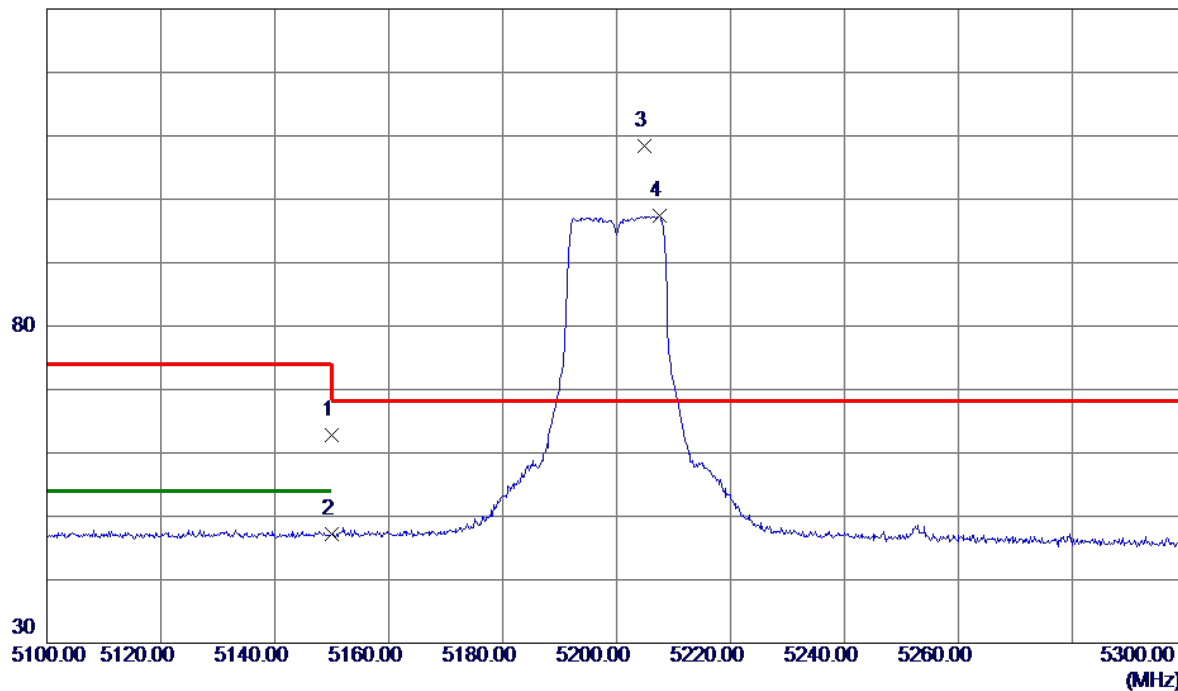


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10398.8500	46.54	-2.62	43.92	68.30	-24.38	Peak	

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

Horizontal

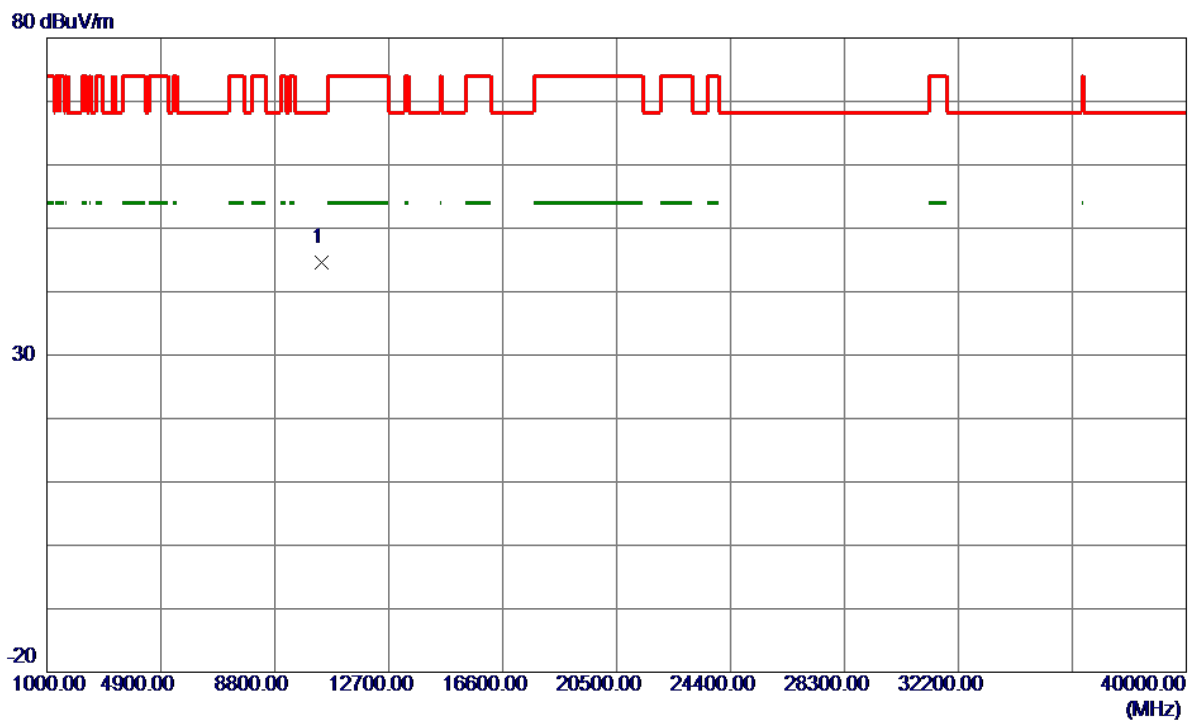
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	23.77	39.00	62.77	74.00	-11.23	Peak	
2	5150.0000	8.19	39.00	47.19	54.00	-6.81	AVG	
3 *	5204.7870	69.30	39.18	108.48	68.30	40.18	Peak	No Limit
4	5207.5000	58.23	39.19	97.42	999.00	-901.58	AVG	No Limit

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

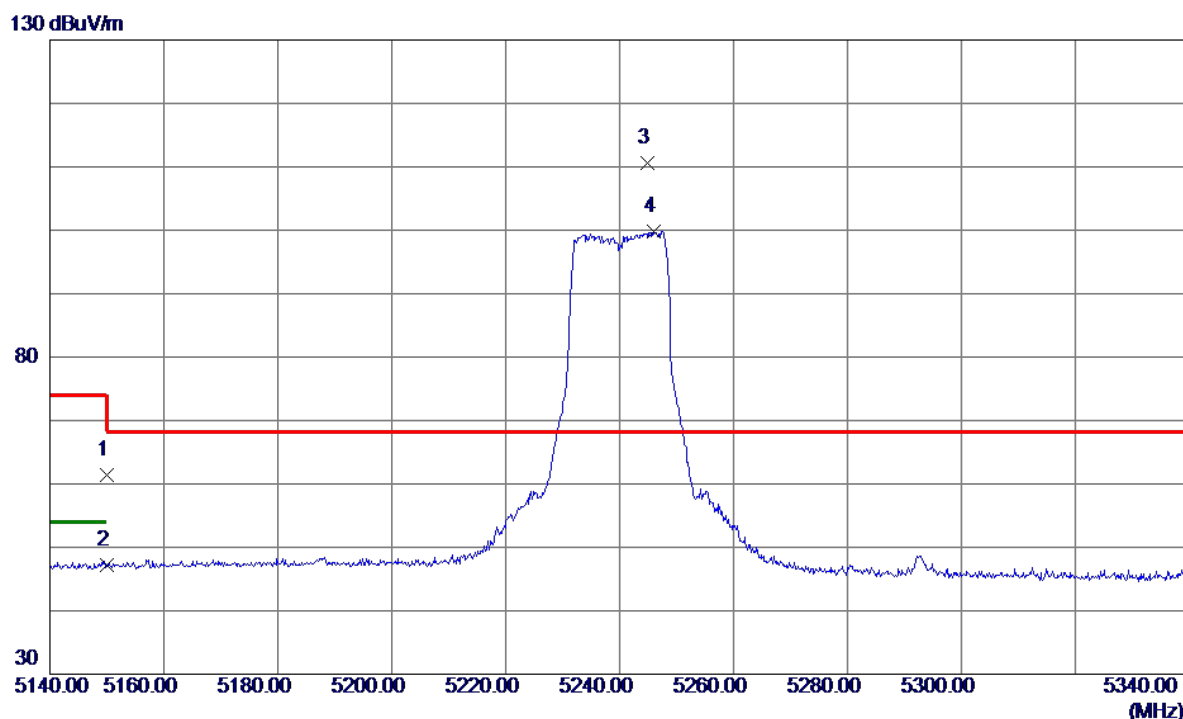
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10401.5800	47.27	-2.61	44.66	68.30	-23.64	Peak	

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

Vertical

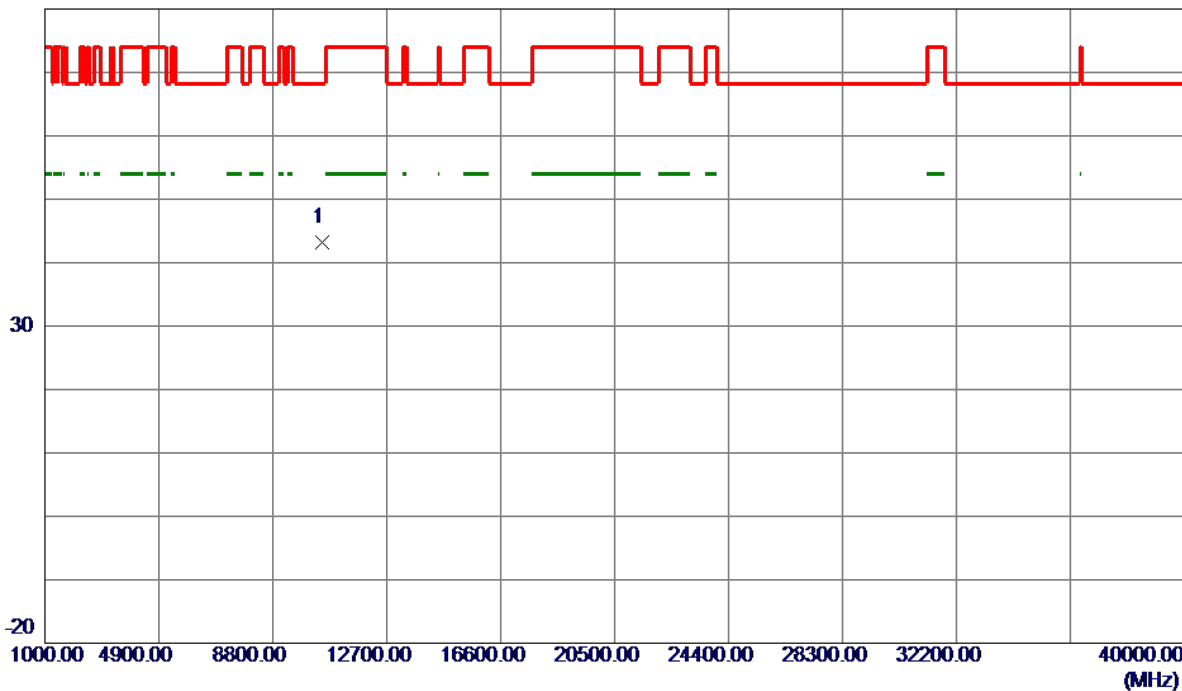


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	22.48	39.00	61.48	74.00	-12.52	Peak	
2	5150.0000	8.25	39.00	47.25	54.00	-6.75	AVG	
3 *	5244.8000	71.32	39.31	110.63	68.30	42.33	Peak	No Limit
4	5245.9000	60.52	39.31	99.83	999.00	-899.17	AVG	No Limit

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

Vertical

80 dBuV/m

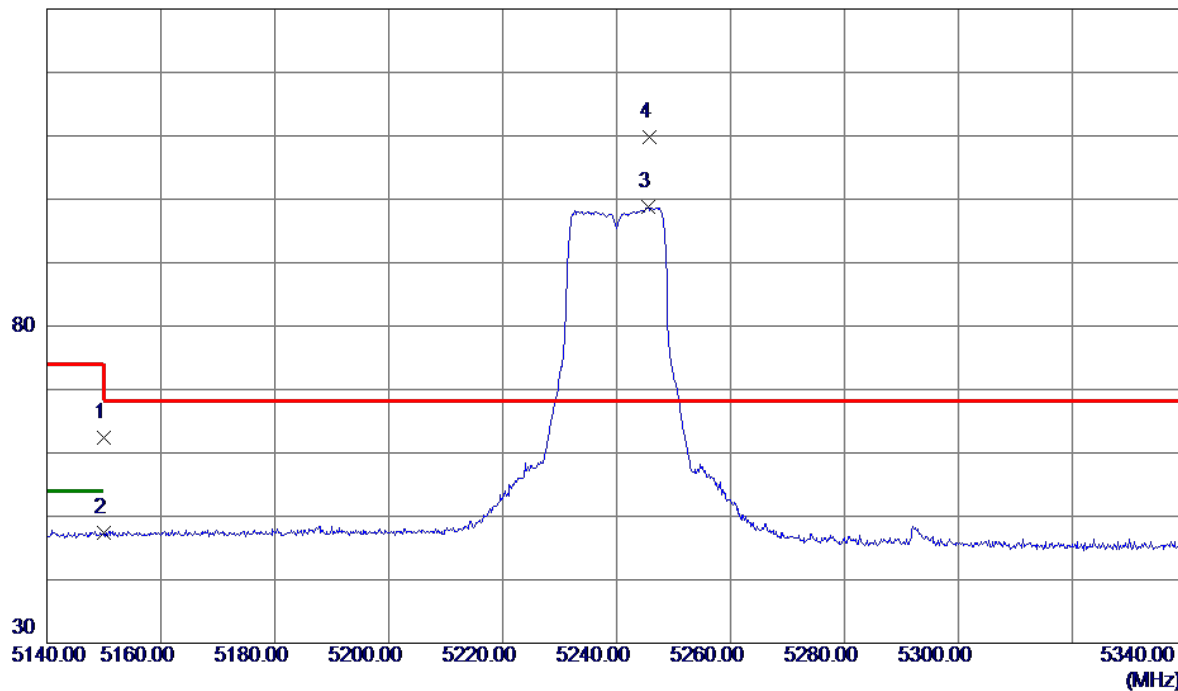


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10481.6300	45.67	-2.45	43.22	68.30	-25.08	Peak	

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

Horizontal

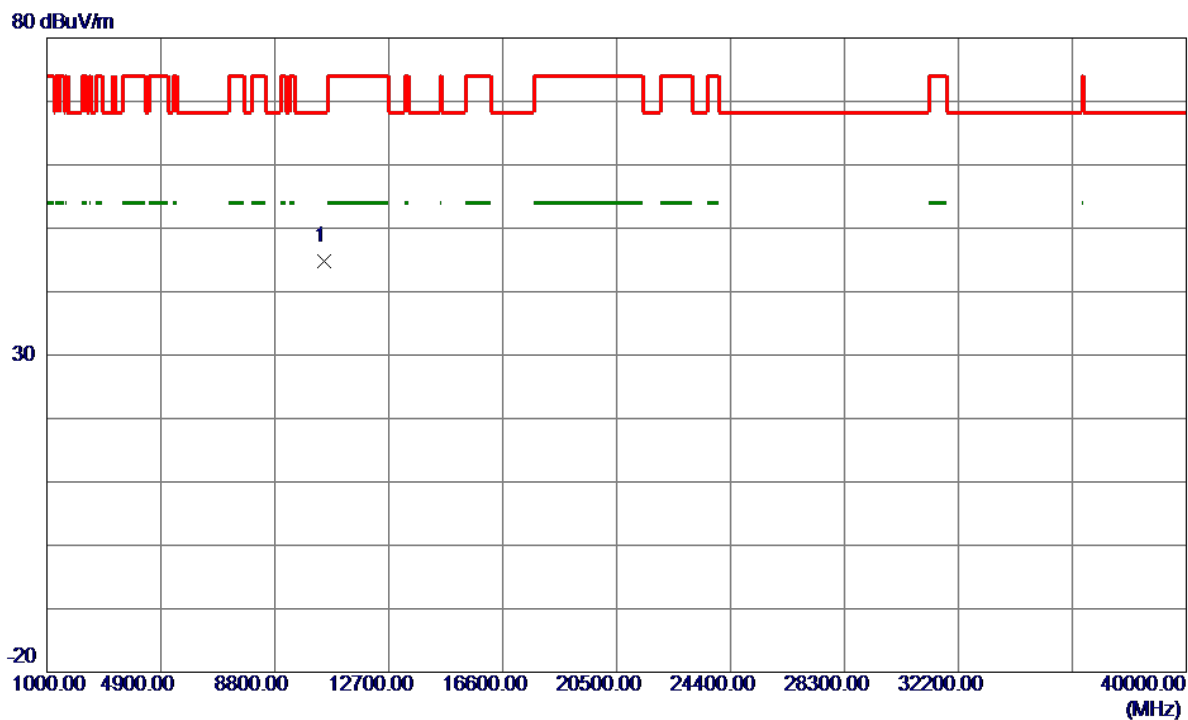
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	23.49	39.00	62.49	74.00	-11.51	Peak	
2	5150.0000	8.33	39.00	47.33	54.00	-6.67	AVG	
3	5245.6000	59.42	39.31	98.73	999.00	-900.27	AVG	No Limit
4 *	5245.8000	70.56	39.31	109.87	68.30	41.57	Peak	No Limit

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

Horizontal

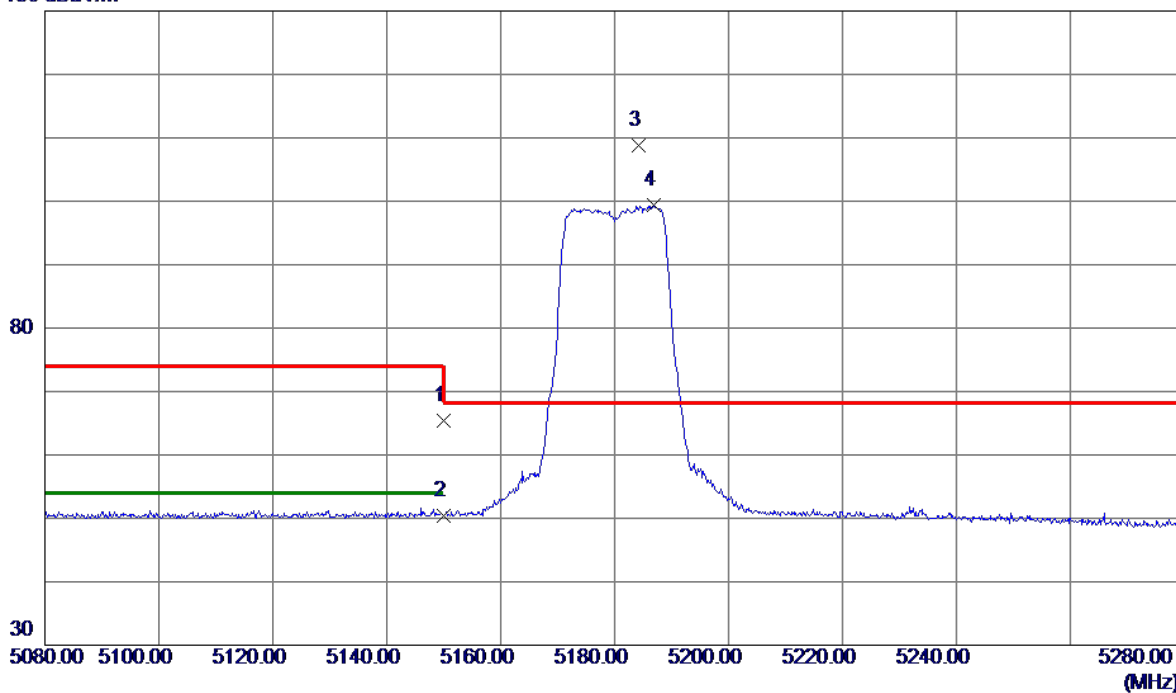


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10478.9500	47.30	-2.46	44.84	68.30	-23.46	Peak	

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

Vertical

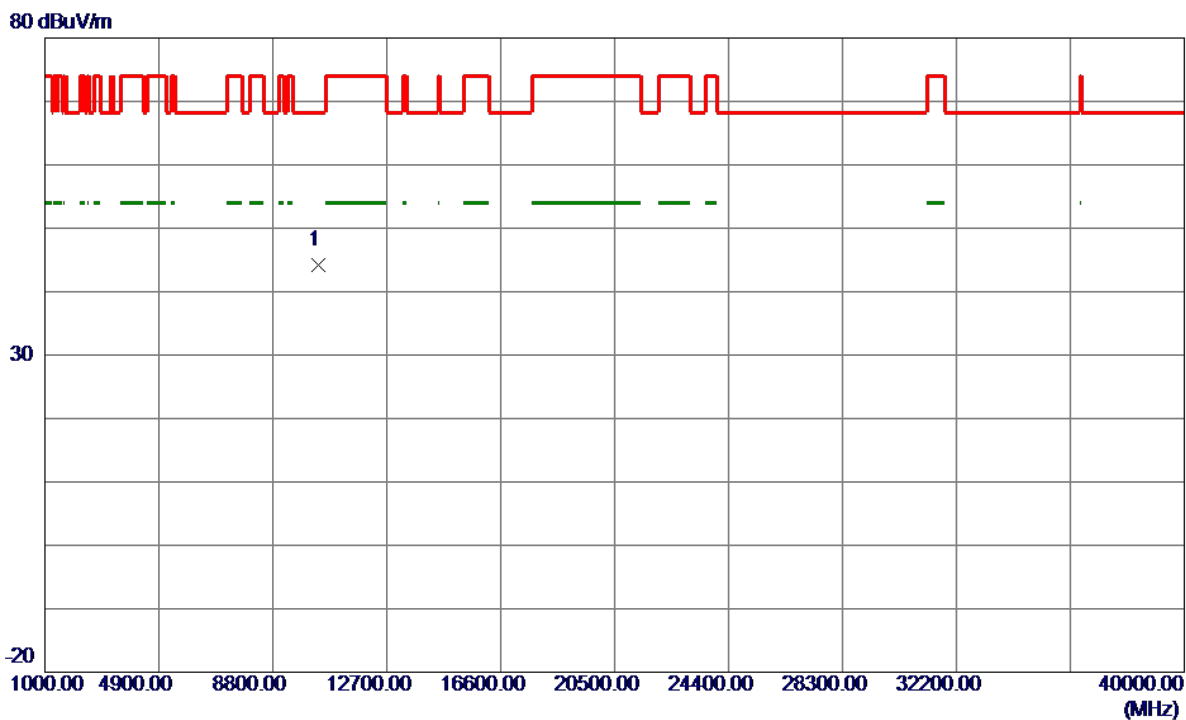
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	26.42	39.00	65.42	74.00	-8.58	Peak	
2	5150.0000	11.44	39.00	50.44	54.00	-3.56	AVG	
3 *	5184.3000	69.72	39.11	108.83	68.30	40.53	Peak	No Limit
4	5186.8000	60.22	39.12	99.34	999.00	-899.66	AVG	No Limit

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

Vertical

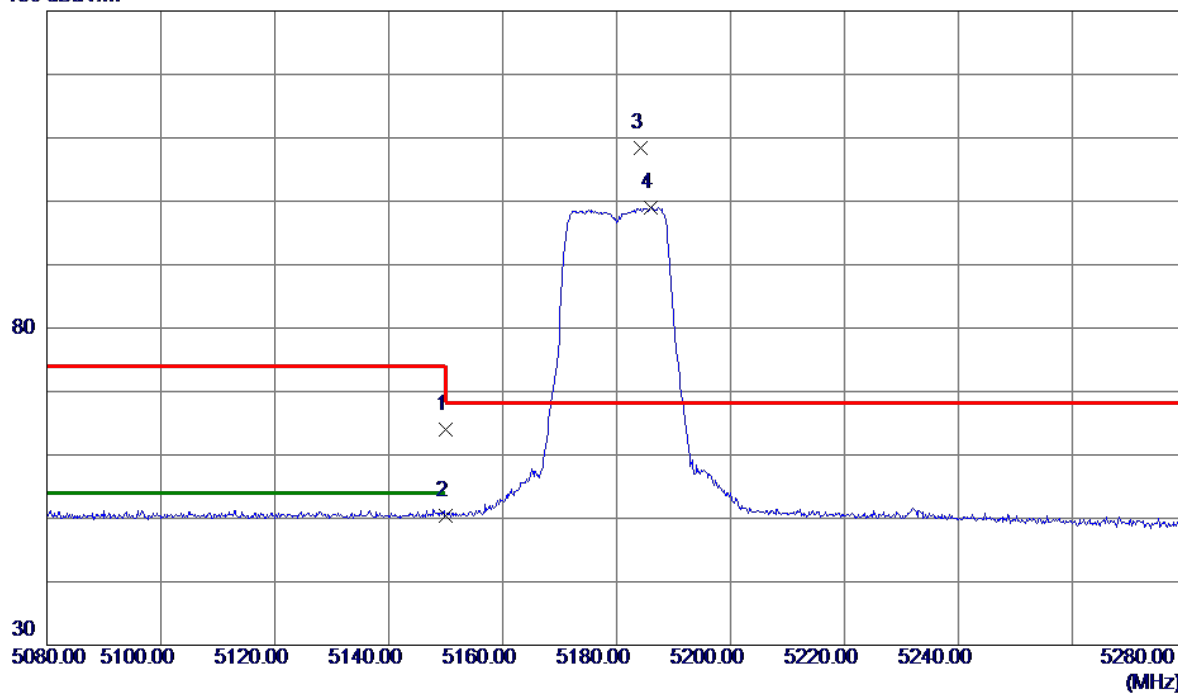


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359.1800	46.96	-2.70	44.26	68.30	-24.04	Peak	

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

Horizontal

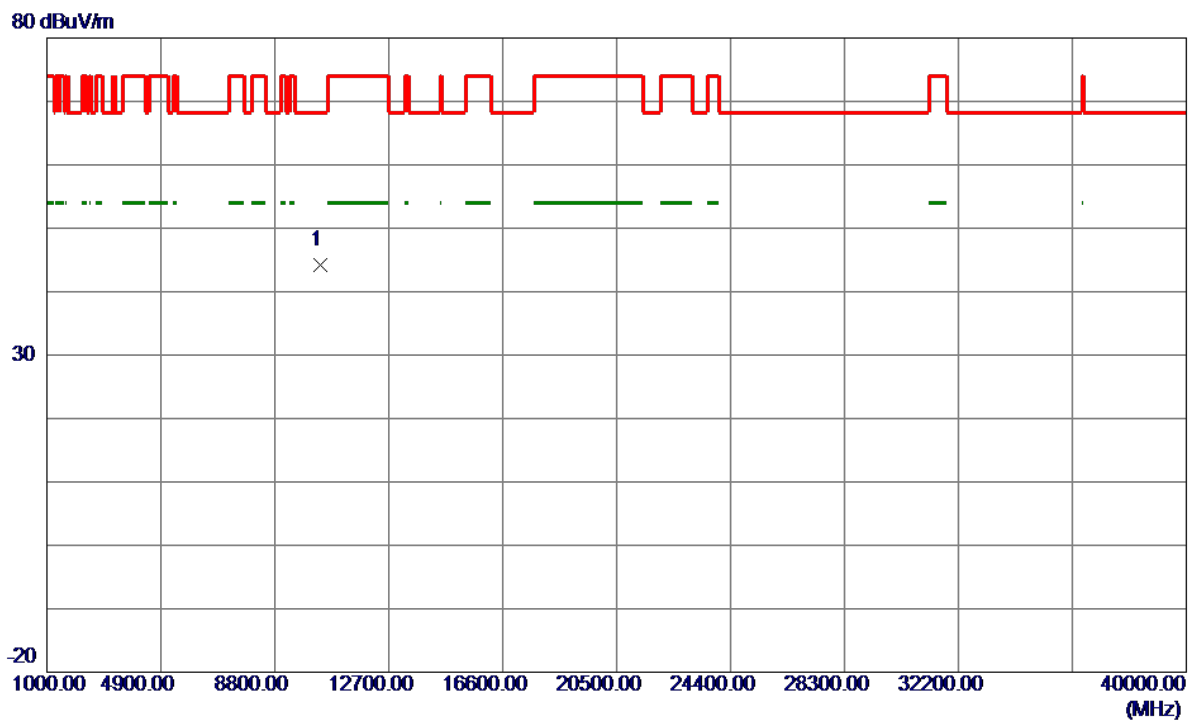
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	25.02	39.00	64.02	74.00	-9.98	Peak	
2	5150.0000	11.49	39.00	50.49	54.00	-3.51	AVG	
3 *	5184.2000	69.20	39.11	108.31	68.30	40.01	Peak	No Limit
4	5186.0000	59.80	39.12	98.92	999.00	-900.08	AVG	No Limit

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

Horizontal

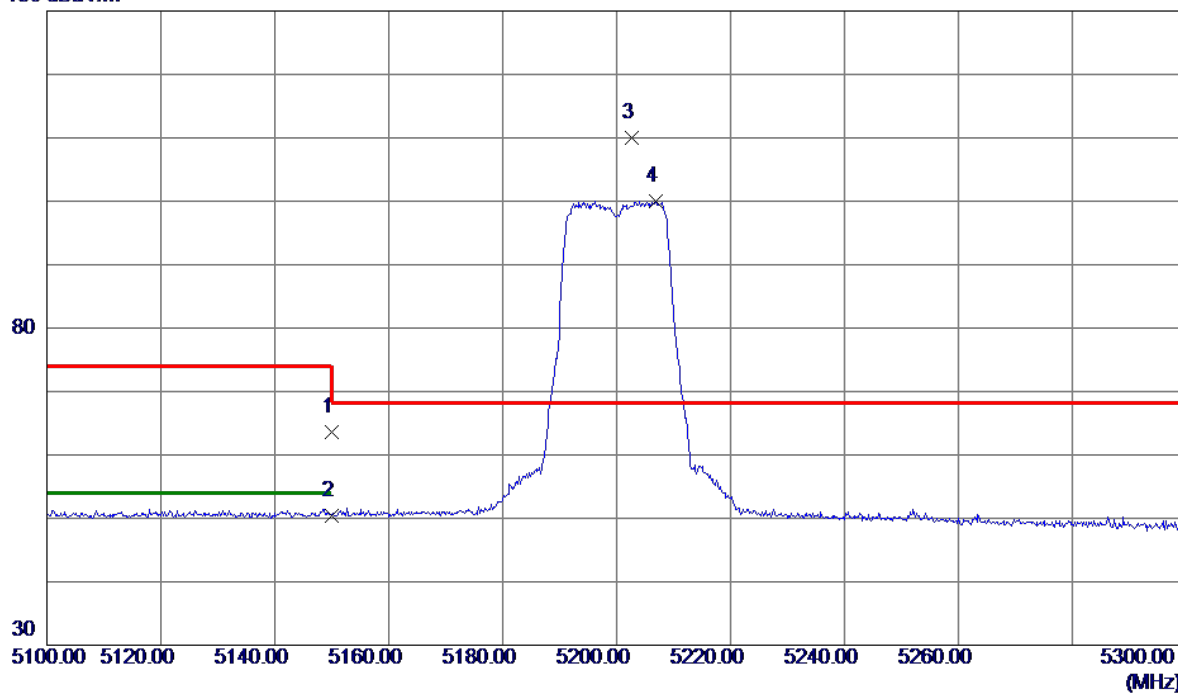


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10361.2200	46.86	-2.69	44.17	68.30	-24.13	Peak	

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

Vertical

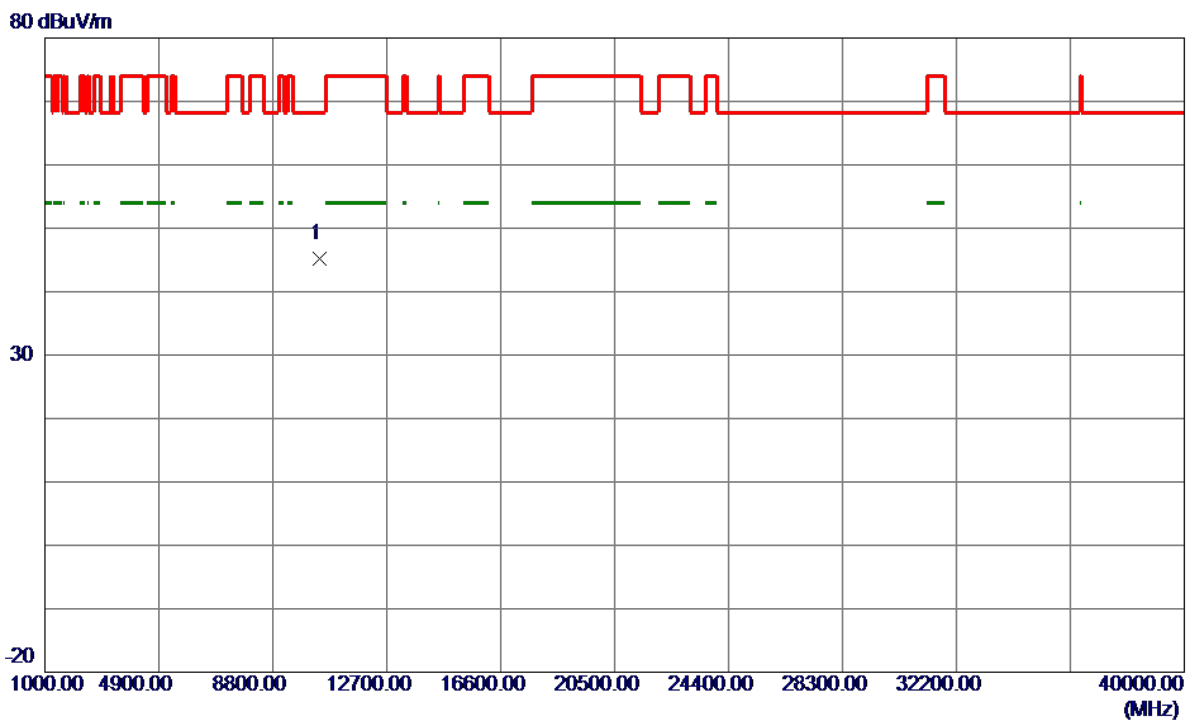
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.58	39.00	63.58	74.00	-10.42	Peak	
2	5150.0000	11.45	39.00	50.45	54.00	-3.55	AVG	
3 *	5202.6000	70.92	39.17	110.09	68.30	41.79	Peak	No Limit
4	5206.9000	60.82	39.18	100.00	999.00	-899.00	AVG	No Limit

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

Vertical

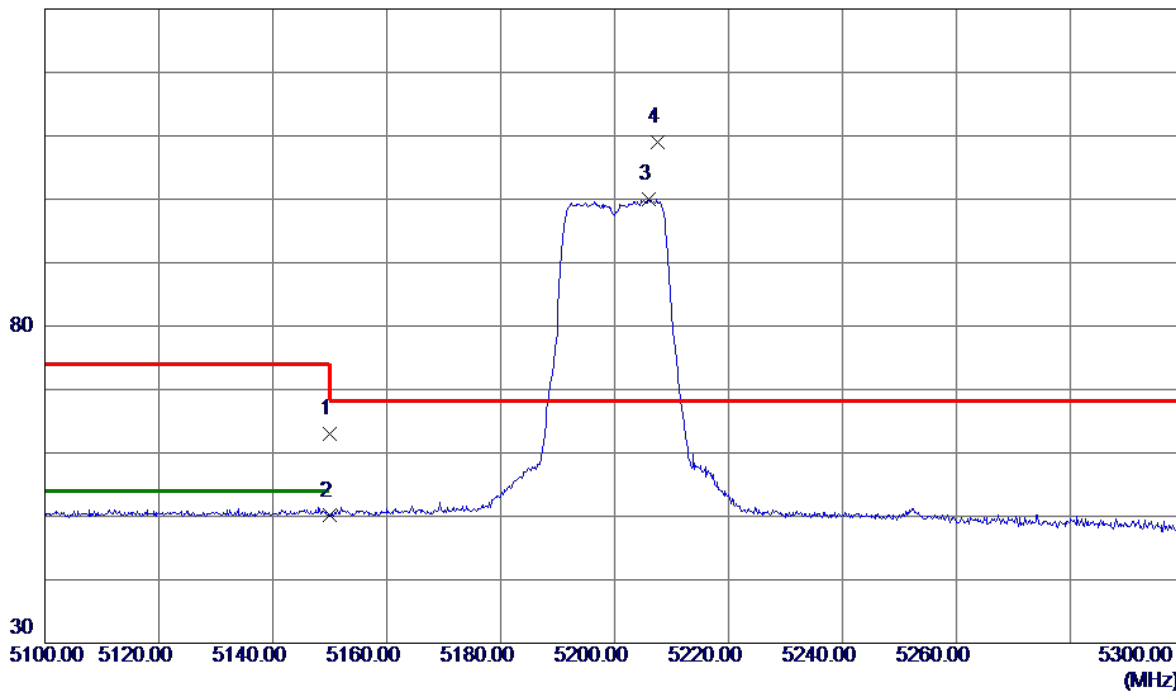


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10399.4500	47.84	-2.62	45.22	68.30	-23.08	Peak	

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

Horizontal

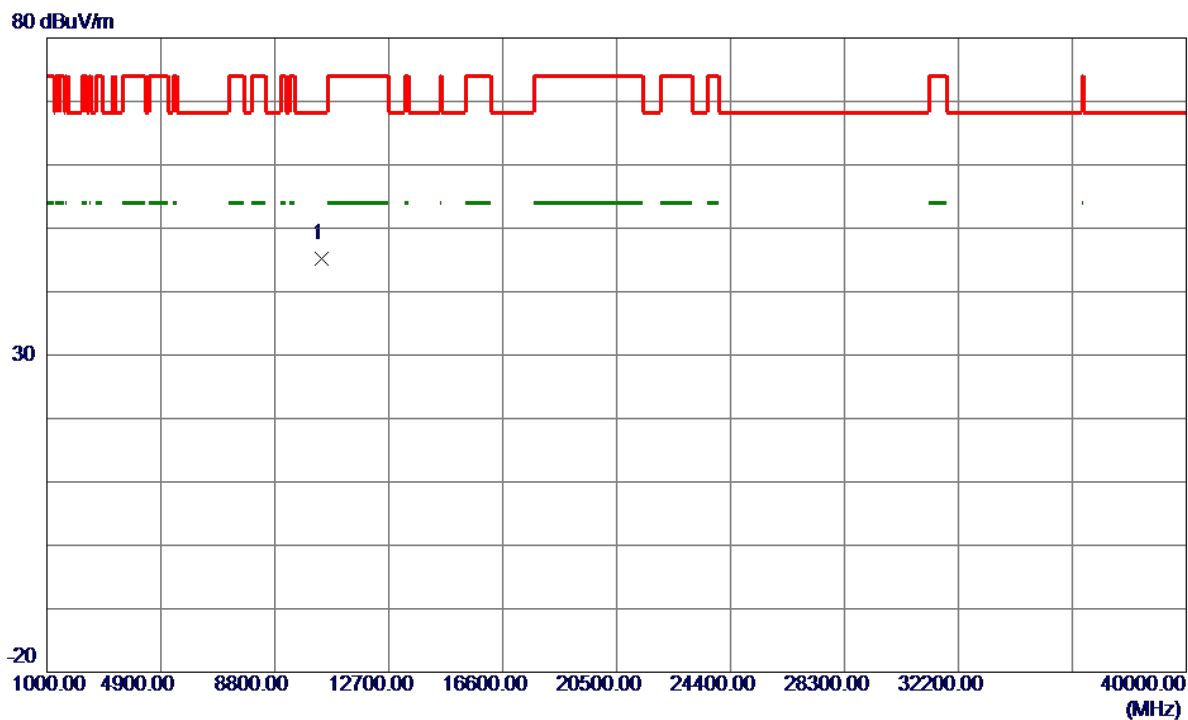
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.05	39.00	63.05	74.00	-10.95	Peak	
2	5150.0000	11.10	39.00	50.10	54.00	-3.90	AVG	
3	5206.1000	60.90	39.18	100.08	999.00	-898.92	AVG	No Limit
4 *	5207.6000	69.86	39.19	109.05	68.30	40.75	Peak	No Limit

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

Horizontal

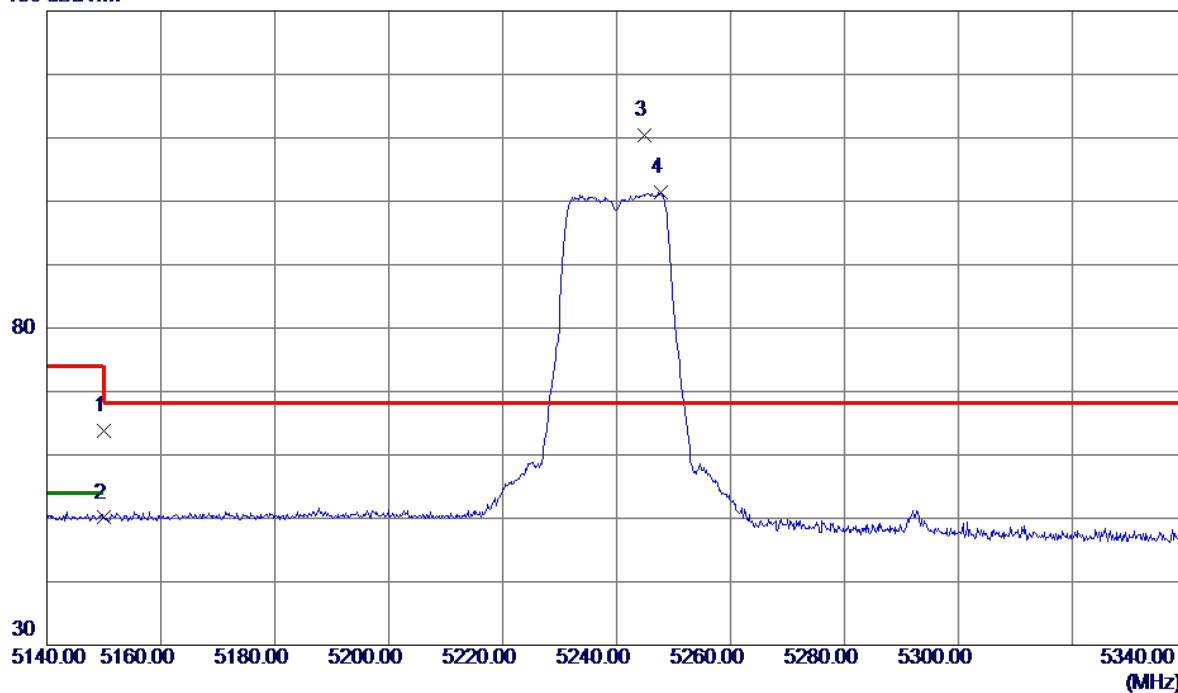


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10401.1200	47.72	-2.61	45.11	68.30	-23.19	Peak	

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

Vertical

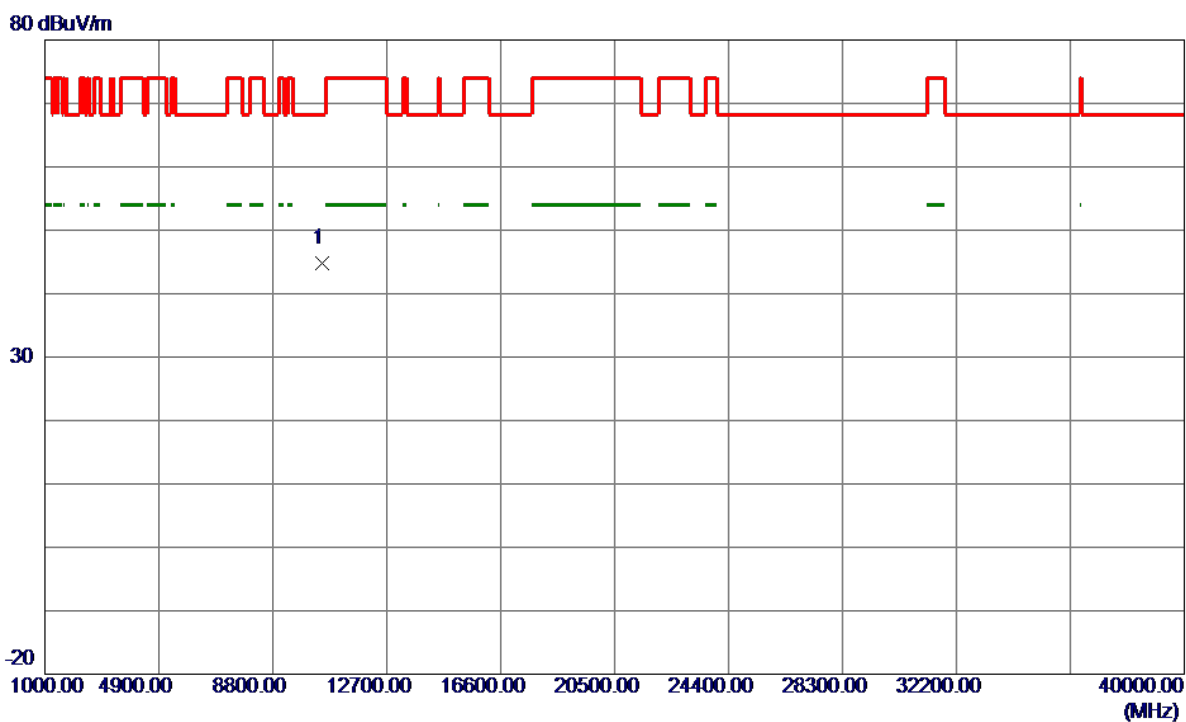
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.71	39.00	63.71	74.00	-10.29	Peak	
2	5150.0000	11.10	39.00	50.10	54.00	-3.90	AVG	
3 *	5244.9000	71.14	39.31	110.45	68.30	42.15	Peak	No Limit
4	5247.8000	62.14	39.32	101.46	999.00	-897.54	AVG	No Limit

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

Vertical

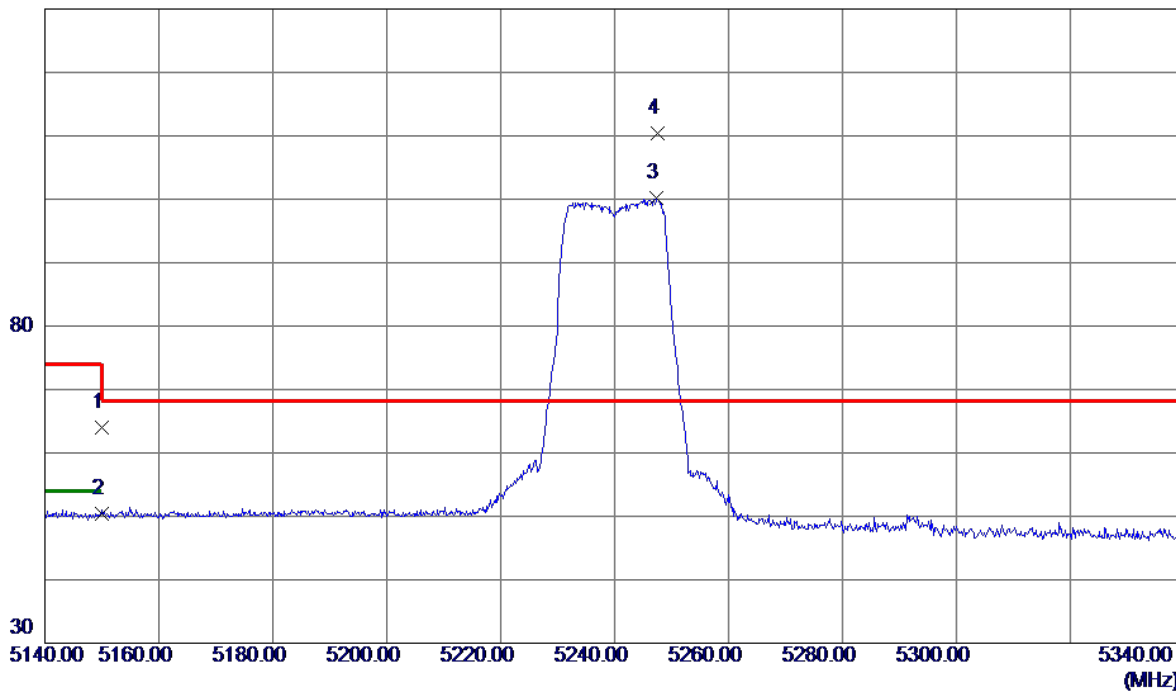


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10482.4700	47.34	-2.45	44.89	68.30	-23.41	Peak	

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

Horizontal

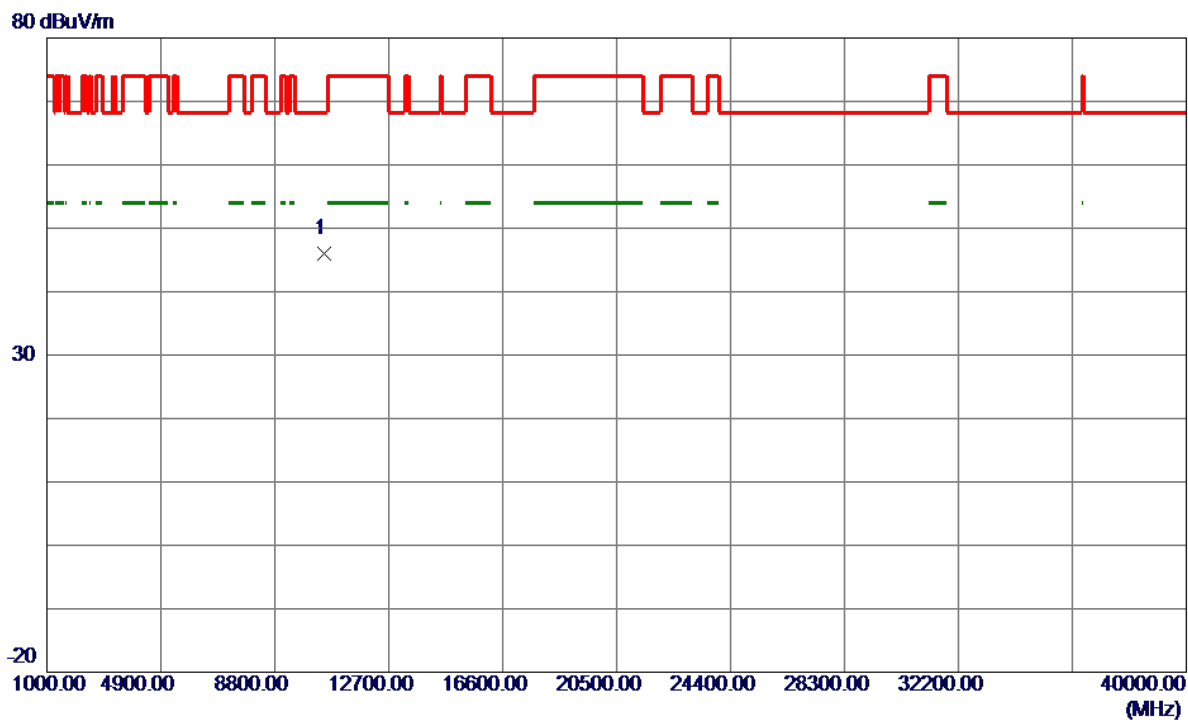
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.91	39.00	63.91	74.00	-10.09	Peak	
2	5150.0000	11.49	39.00	50.49	54.00	-3.51	AVG	
3	5247.4000	60.83	39.32	100.15	999.00	-898.85	AVG	No Limit
4 *	5247.5000	71.03	39.32	110.35	68.30	42.05	Peak	No Limit

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

Horizontal

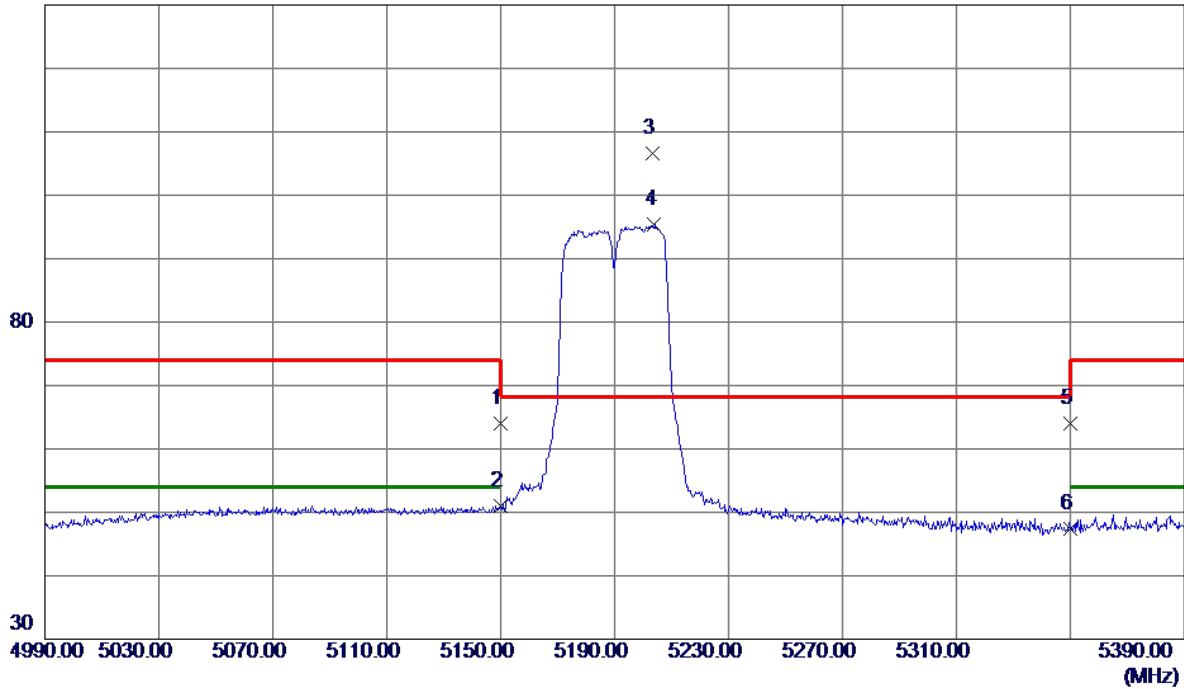


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10478.4200	48.37	-2.46	45.91	68.30	-22.39	Peak	

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

Vertical

130 dBuV/m

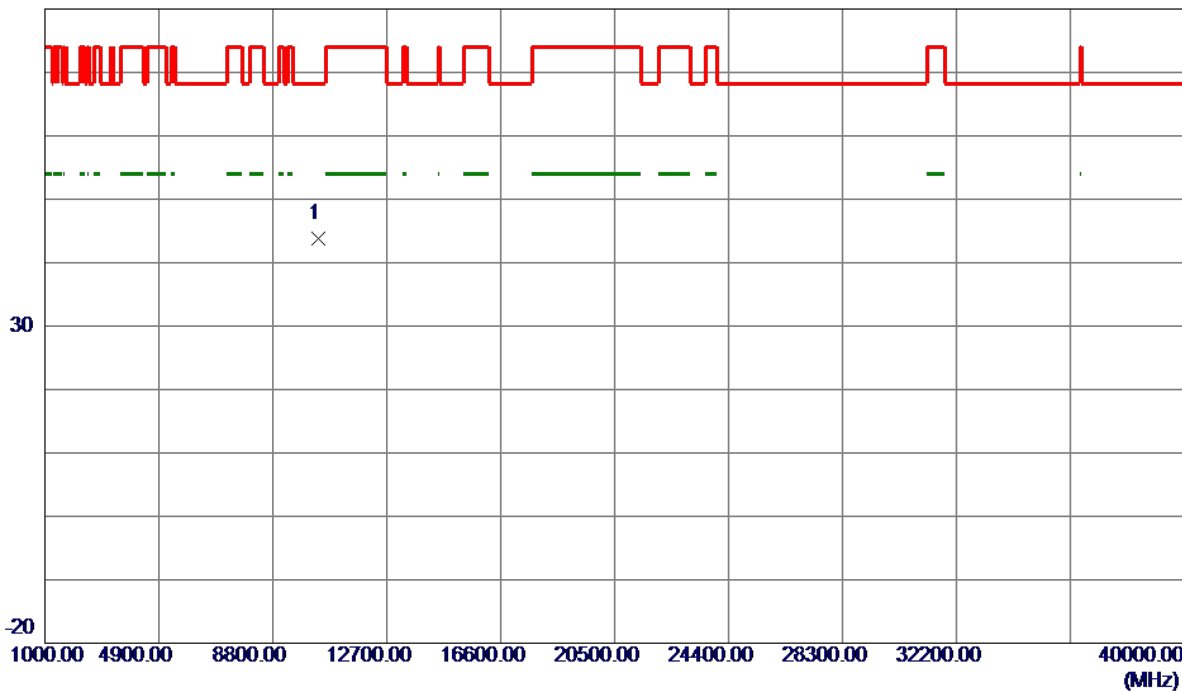


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	25.02	39.00	64.02	74.00	-9.98	Peak	
2	5150.0000	12.02	39.00	51.02	54.00	-2.98	AVG	
3 *	5203.2000	67.34	39.17	106.51	68.30	38.21	Peak	No Limit
4	5204.0000	56.16	39.17	95.33	999.00	-903.67	AVG	No Limit
5	5350.0000	24.31	39.65	63.96	74.00	-10.04	Peak	
6	5350.0000	7.68	39.65	47.33	999.00	-951.67	AVG	

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

Vertical

80 dBuV/m

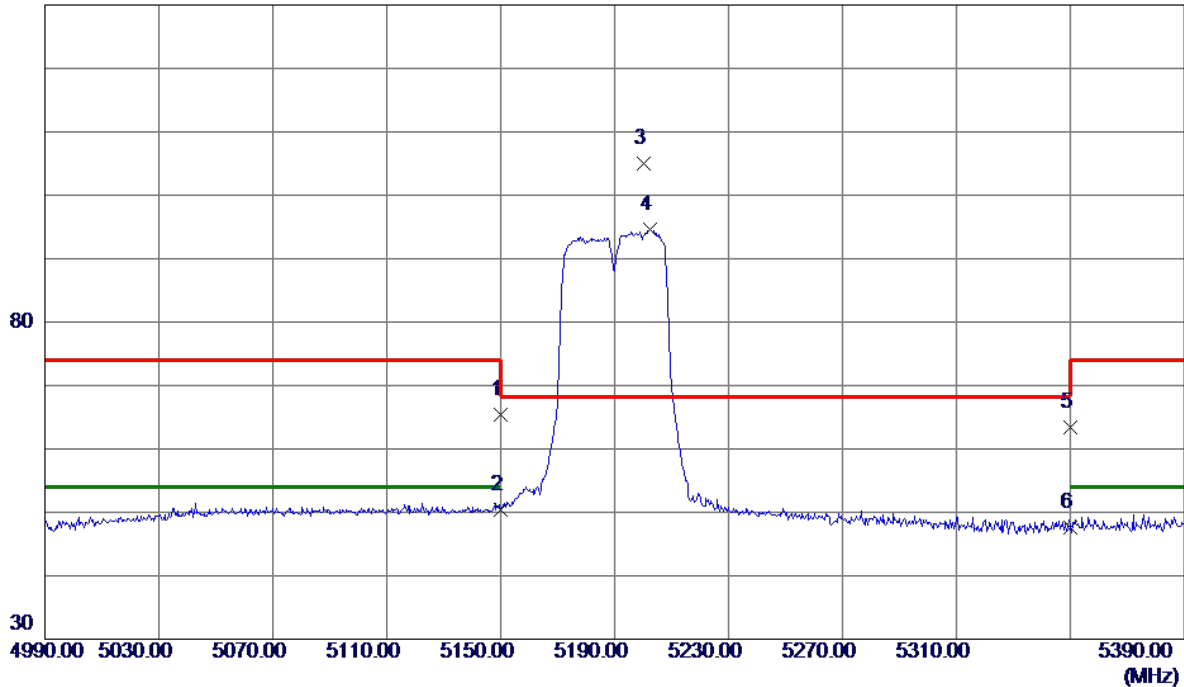


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10381.2800	46.36	-2.65	43.71	68.30	-24.59	Peak	

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

Horizontal

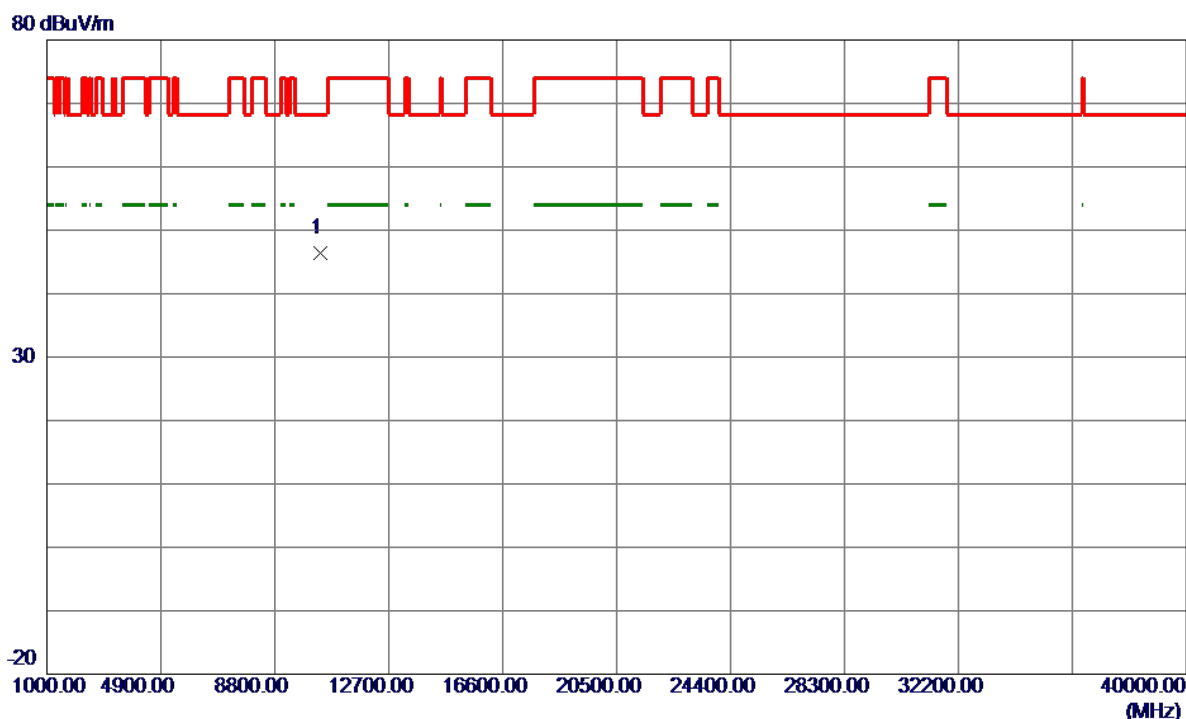
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	26.31	39.00	65.31	74.00	-8.69	Peak	
2	5150.0000	11.42	39.00	50.42	54.00	-3.58	AVG	
3 *	5200.2000	65.77	39.16	104.93	68.30	36.63	Peak	No Limit
4	5202.6000	55.47	39.17	94.64	999.00	-904.36	AVG	No Limit
5	5350.0000	23.68	39.65	63.33	74.00	-10.67	Peak	
6	5350.0000	8.04	39.65	47.69	999.00	-951.31	AVG	

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

Horizontal

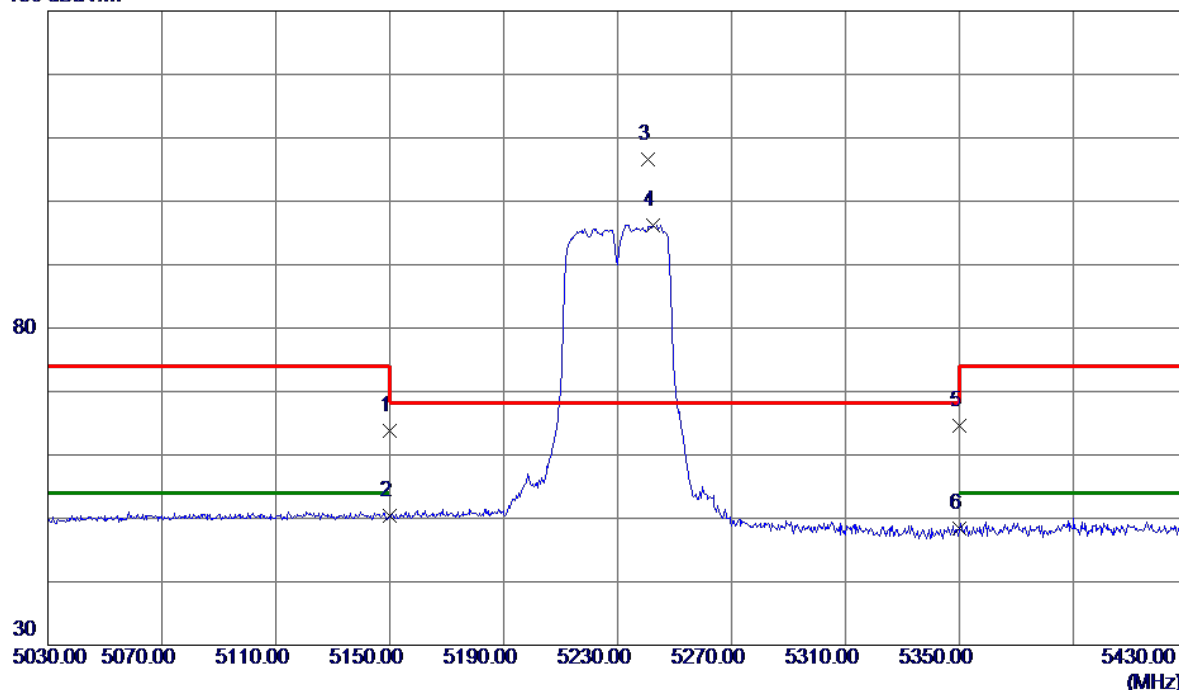


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10379.8500	49.15	-2.66	46.49	68.30	-21.81	Peak	

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

Vertical

130 dBuV/m

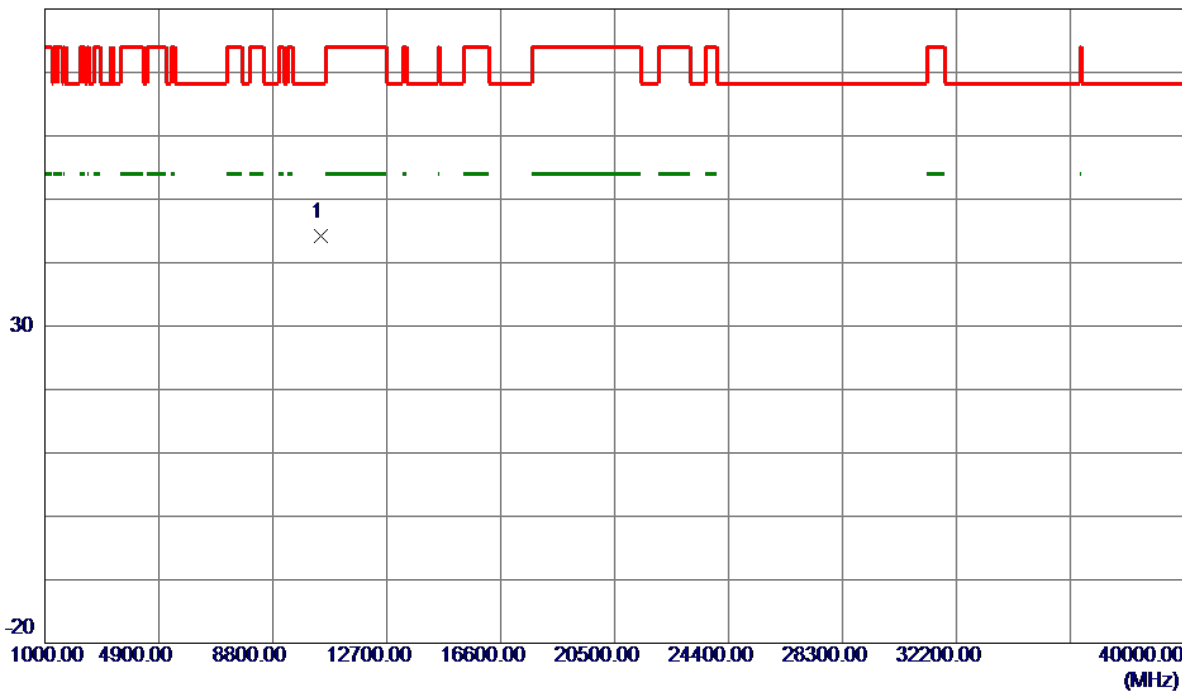


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.71	39.00	63.71	74.00	-10.29	Peak	
2	5150.0000	11.47	39.00	50.47	54.00	-3.53	AVG	
3 *	5240.8000	67.25	39.29	106.54	68.30	38.24	Peak	No Limit
4	5242.6000	56.90	39.30	96.20	999.00	-902.80	AVG	No Limit
5	5350.0000	24.87	39.65	64.52	74.00	-9.48	Peak	
6	5350.0000	8.80	39.65	48.45	999.00	-950.55	AVG	

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

Vertical

80 dBuV/m

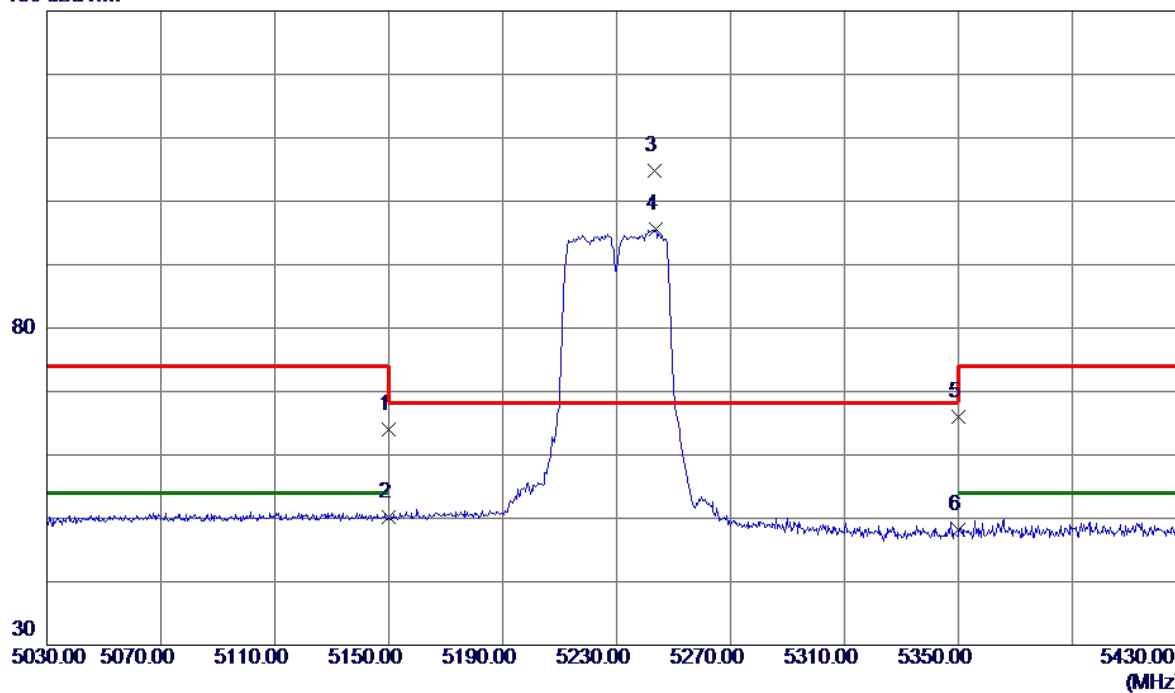


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10462.5800	46.59	-2.49	44.10	68.30	-24.20	Peak	

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

Horizontal

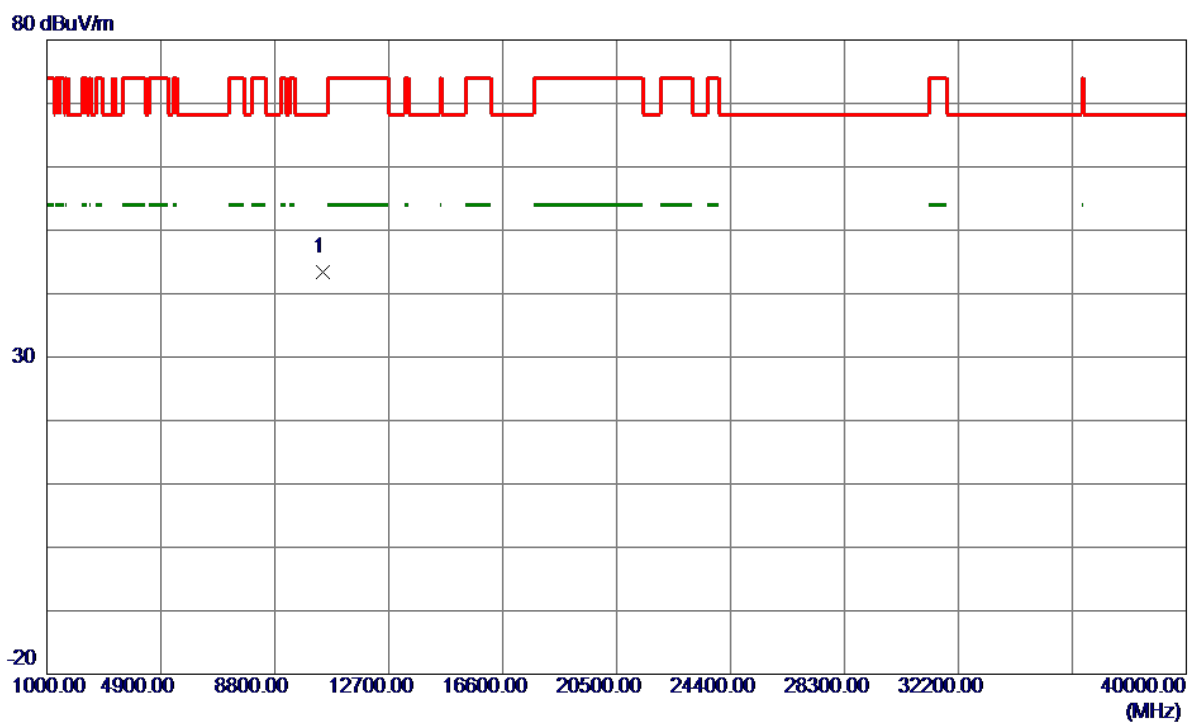
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	25.00	39.00	64.00	74.00	-10.00	Peak	
2	5150.0000	11.13	39.00	50.13	54.00	-3.87	AVG	
3 *	5243.2000	65.48	39.30	104.78	68.30	36.48	Peak	No Limit
4	5243.6000	56.31	39.30	95.61	999.00	-903.39	AVG	No Limit
5	5350.0000	26.32	39.65	65.97	74.00	-8.03	Peak	
6	5350.0000	8.48	39.65	48.13	999.00	-950.87	AVG	

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

Horizontal

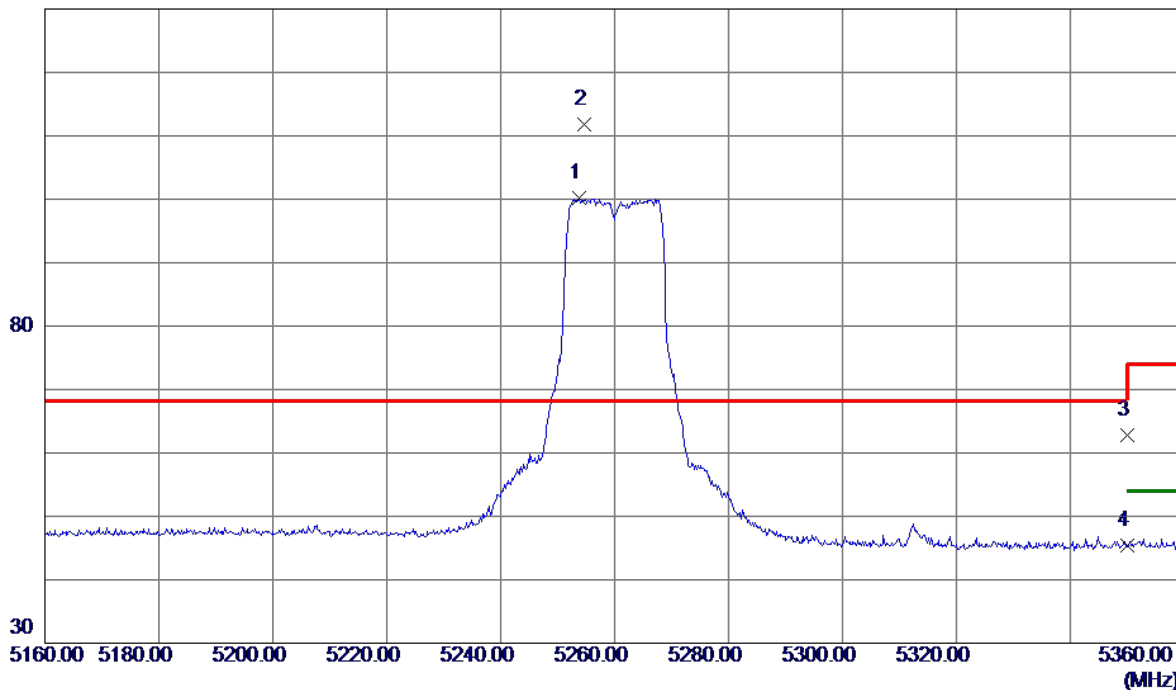


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10461.3600	45.87	-2.49	43.38	68.30	-24.92	Peak	

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

Vertical

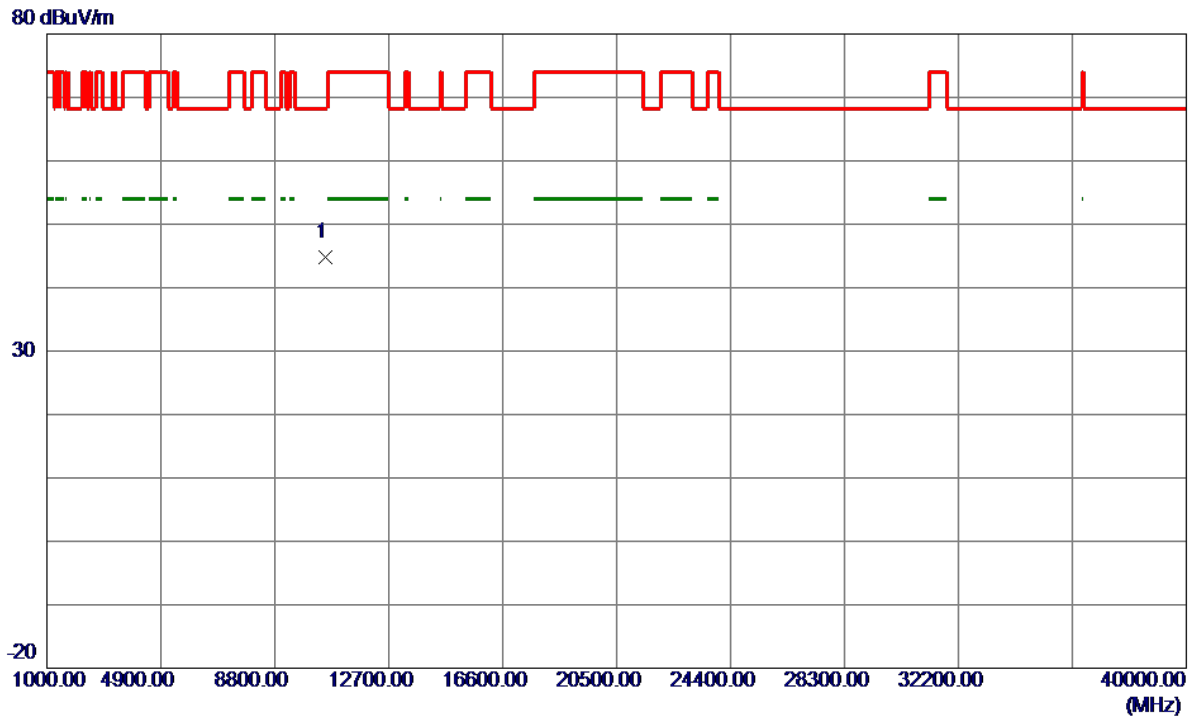
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5253.8000	60.83	39.34	100.17	999.00	-898.83	AVG	No Limit
2 *	5254.6000	72.52	39.34	111.86	68.30	43.56	Peak	No Limit
3	5350.0000	23.07	39.65	62.72	74.00	-11.28	Peak	
4	5350.0000	5.75	39.65	45.40	999.00	-953.60	AVG	

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

Vertical

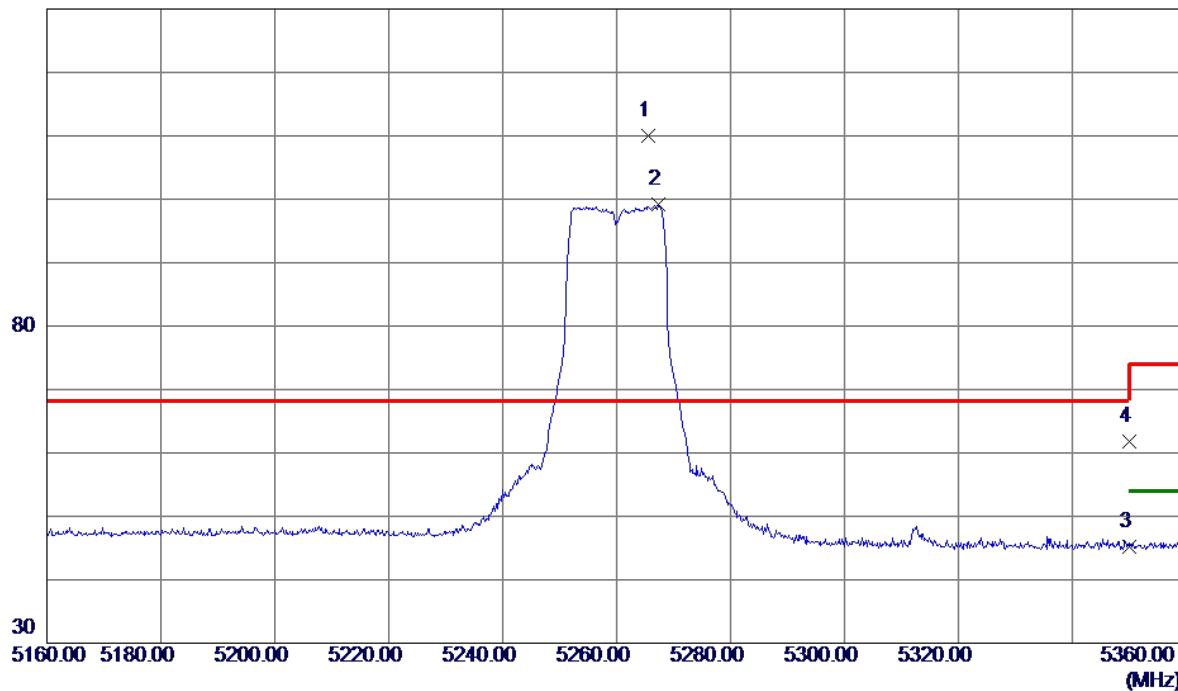


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10518.9500	47.22	-2.41	44.81	68.30	-23.49	Peak	

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

Horizontal

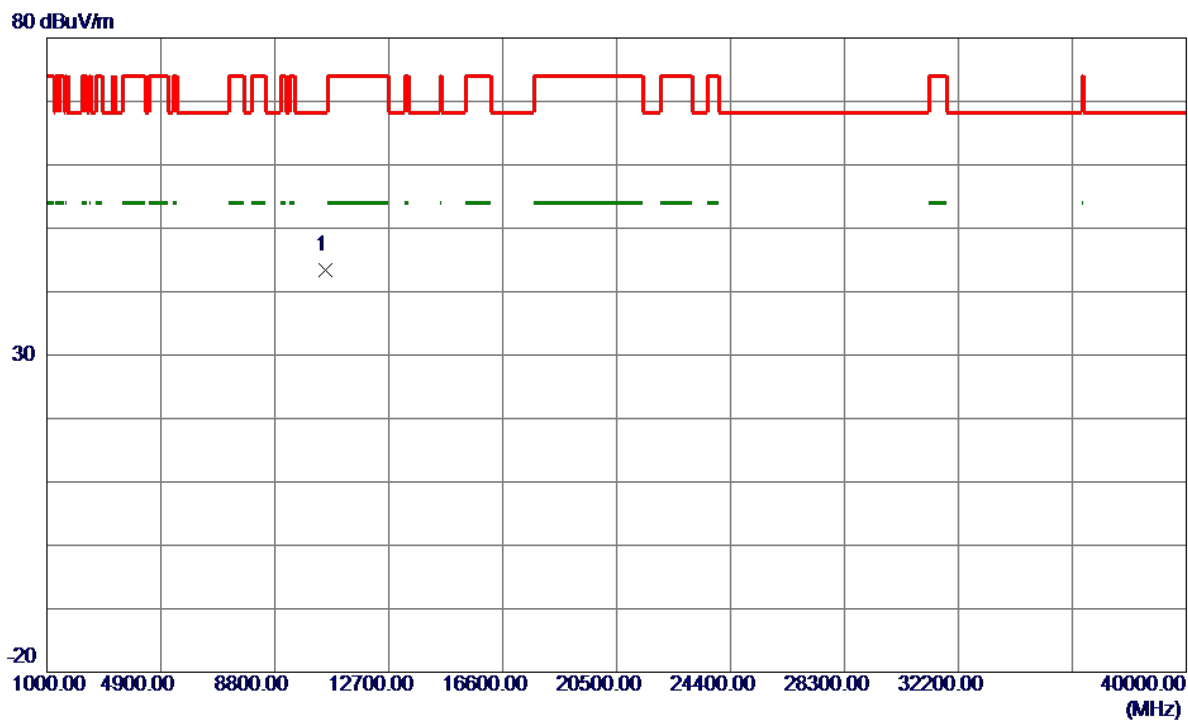
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5265.5000	70.58	39.38	109.96	68.30	41.66	Peak	No Limit
2	5267.4000	59.75	39.38	99.13	999.00	-899.87	AVG	No Limit
3	5350.0000	5.57	39.65	45.22	74.00	-28.78	Peak	
4	5350.0000	22.15	39.65	61.80	74.00	-12.20	Peak	

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

Horizontal

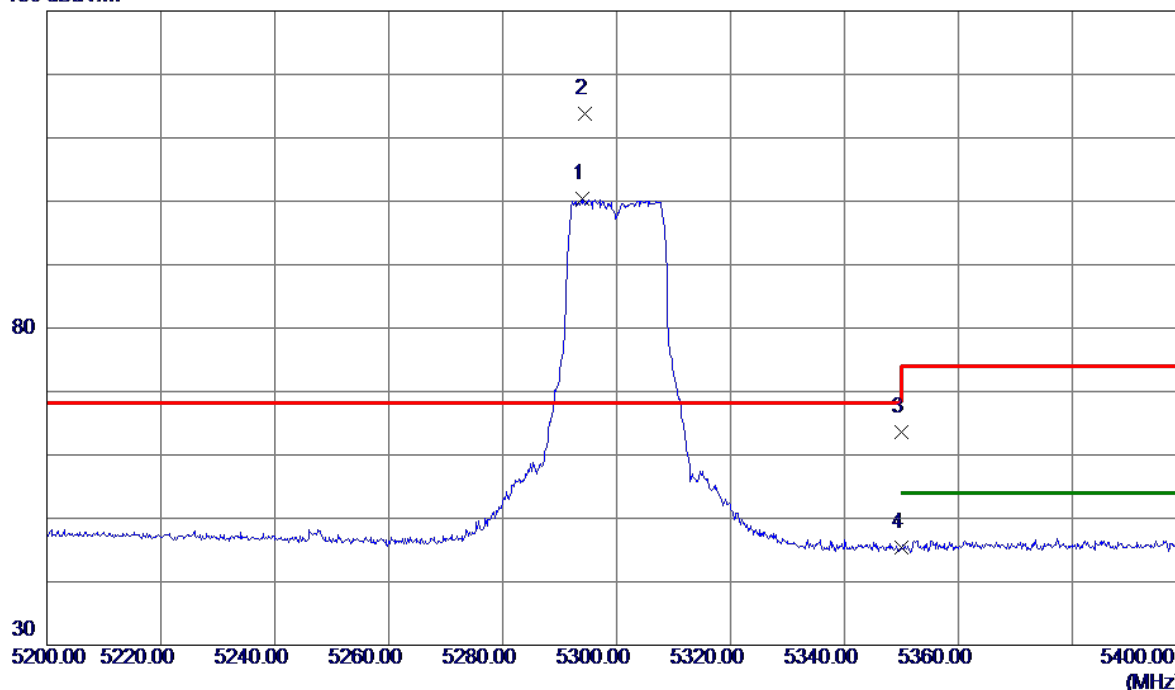


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10522.5800	45.73	-2.41	43.32	68.30	-24.98	Peak	

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

Vertical

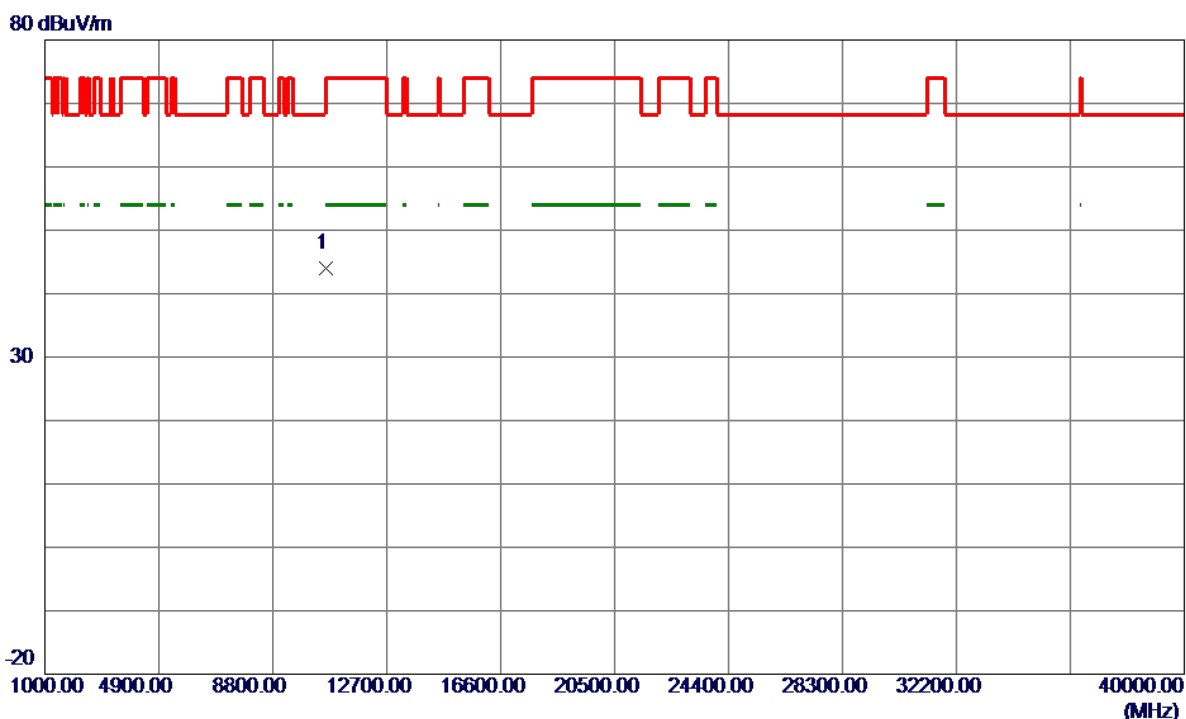
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5293.9000	60.94	39.47	100.41	999.00	-898.59	AVG	No Limit
2 *	5294.4000	74.30	39.47	113.77	68.30	45.47	Peak	No Limit
3	5350.0000	24.02	39.65	63.67	74.00	-10.33	Peak	
4	5350.0000	5.71	39.65	45.36	999.00	-953.64	AVG	

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

Vertical

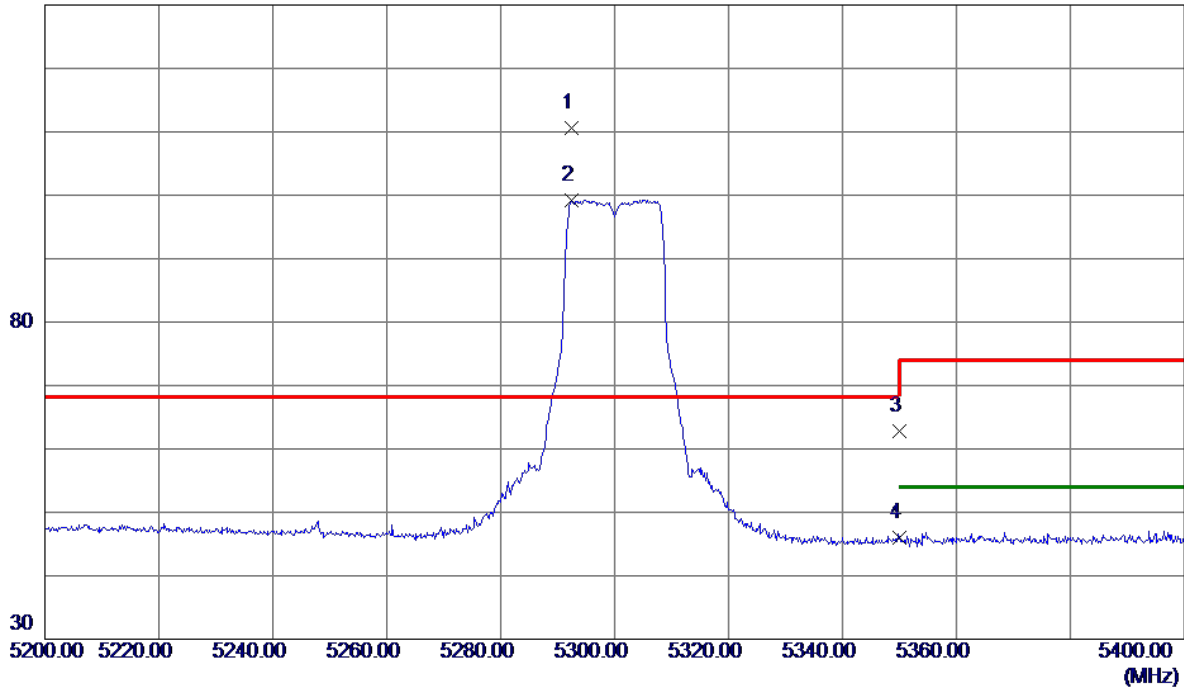


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10598.4500	46.34	-2.41	43.93	68.30	-24.37	Peak	

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

Horizontal

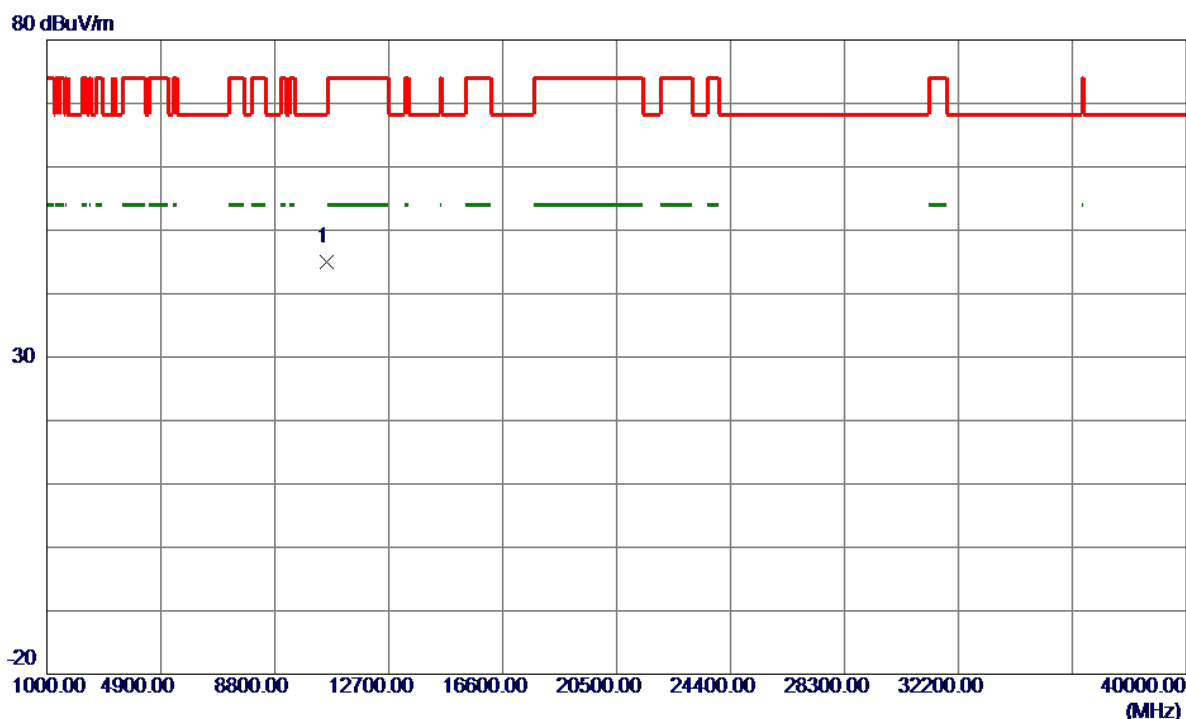
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5292.5000	71.09	39.46	110.55	68.30	42.25	Peak	No Limit
2	5292.5000	59.83	39.46	99.29	999.00	-899.71	AVG	No Limit
3	5350.0000	23.17	39.65	62.82	74.00	-11.18	Peak	
4	5350.0000	6.30	39.65	45.95	999.00	-953.05	AVG	

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

Horizontal

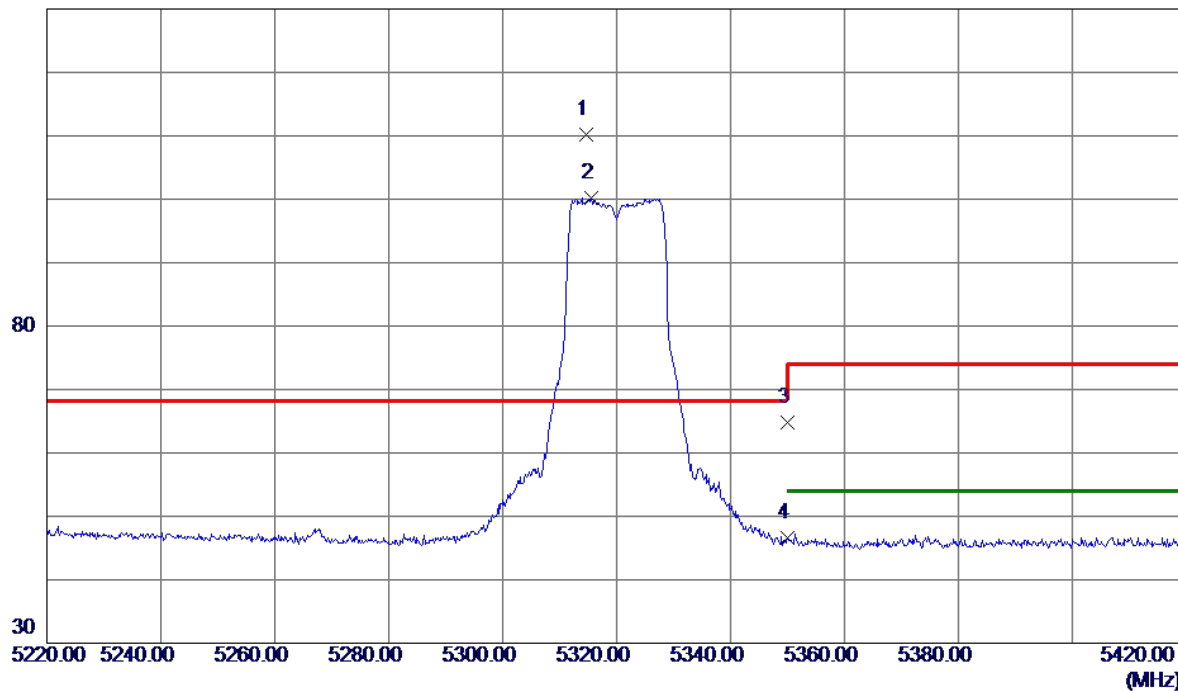


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10598.0000	47.40	-2.41	44.99	68.30	-23.31	Peak	

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

Vertical

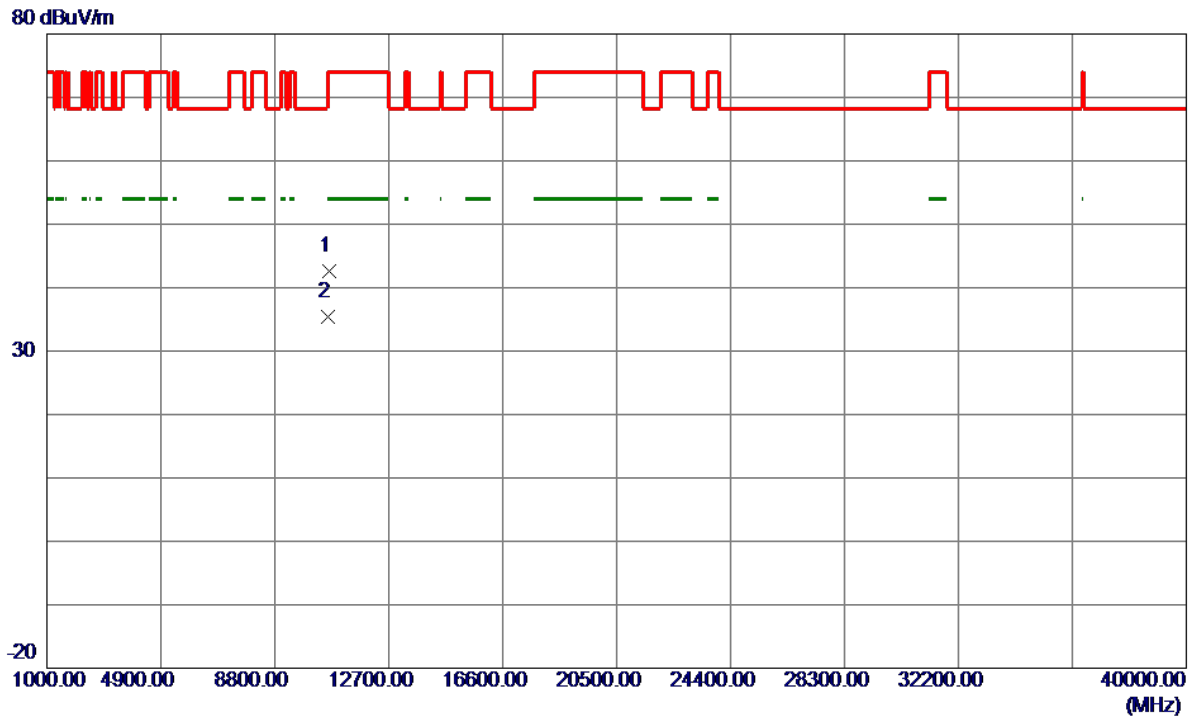
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5314.7000	70.68	39.54	110.22	68.30	41.92	Peak	No Limit
2	5315.5000	60.75	39.54	100.29	999.00	-898.71	AVG	No Limit
3	5350.0000	25.17	39.65	64.82	74.00	-9.18	Peak	
4	5350.0000	6.96	39.65	46.61	999.00	-952.39	AVG	

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

Vertical

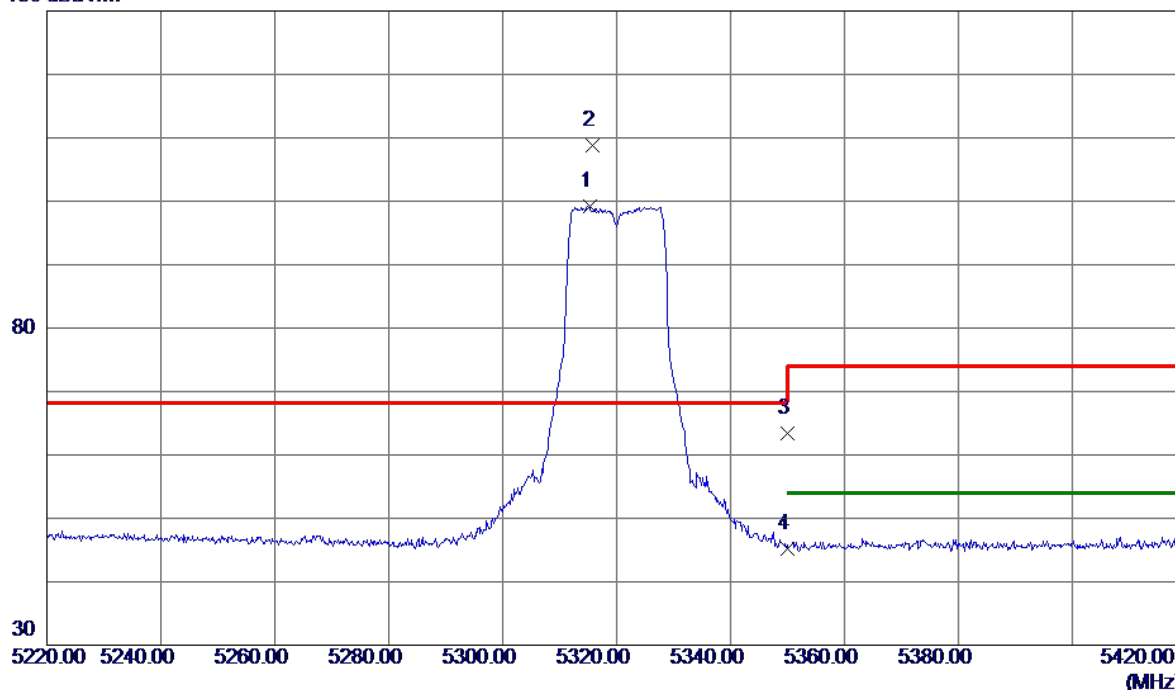


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10642.6200	45.07	-2.41	42.66	74.00	-31.34	Peak	
2 *	10639.9800	37.88	-2.41	35.47	54.00	-18.53	AVG	

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

Horizontal

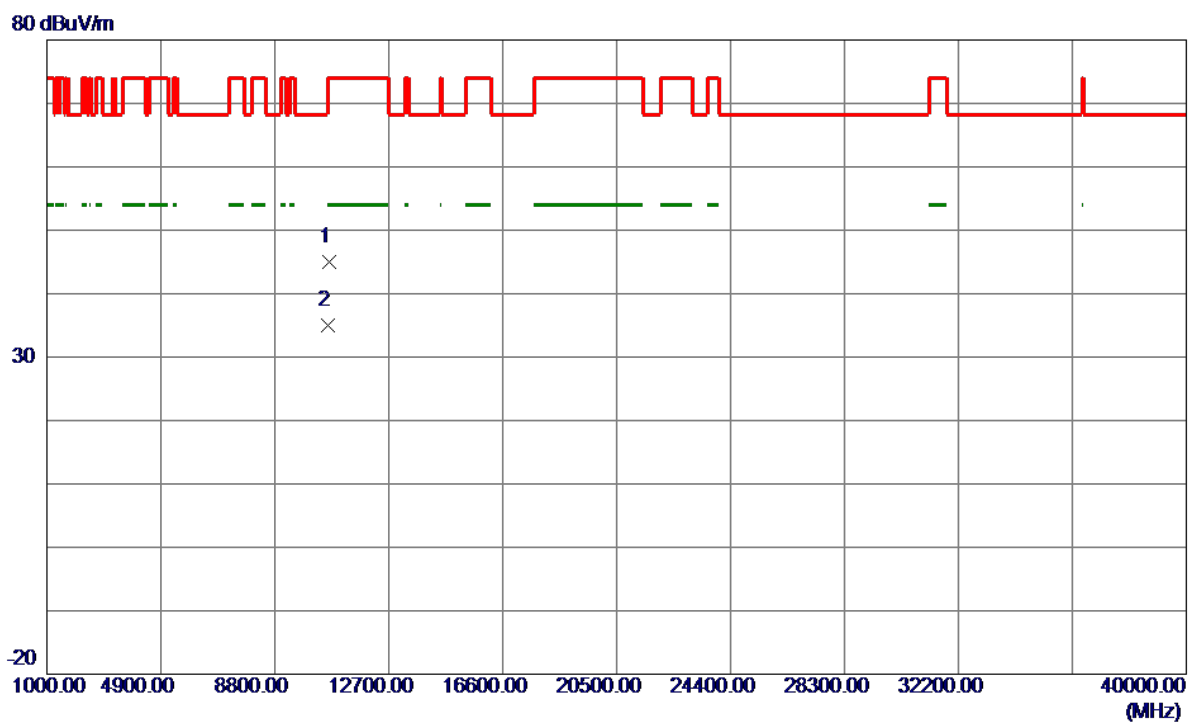
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5315.3000	59.72	39.54	99.26	999.00	-899.74	AVG	No Limit
2 *	5315.8000	69.30	39.54	108.84	68.30	40.54	Peak	No Limit
3	5350.0000	23.67	39.65	63.32	74.00	-10.68	Peak	
4	5350.0000	5.52	39.65	45.17	999.00	-953.83	AVG	

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

Horizontal

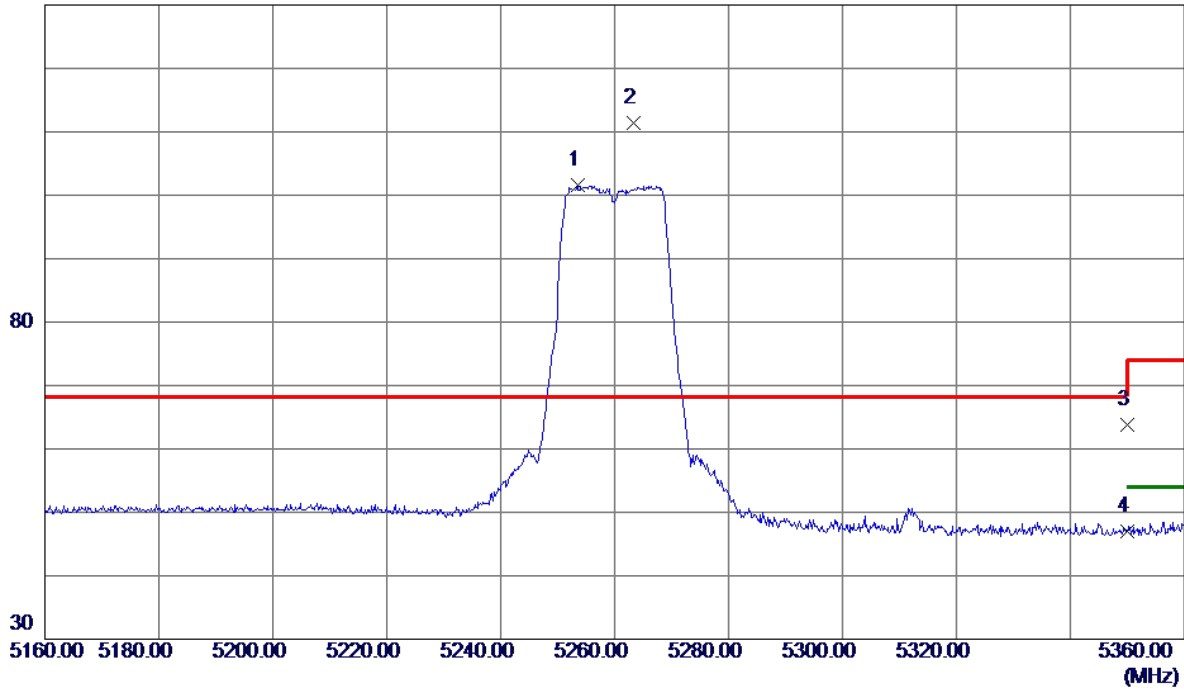


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10641.9500	47.36	-2.41	44.95	74.00	-29.05	Peak	
2 *	10639.4600	37.42	-2.41	35.01	54.00	-18.99	AVG	

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

Vertical

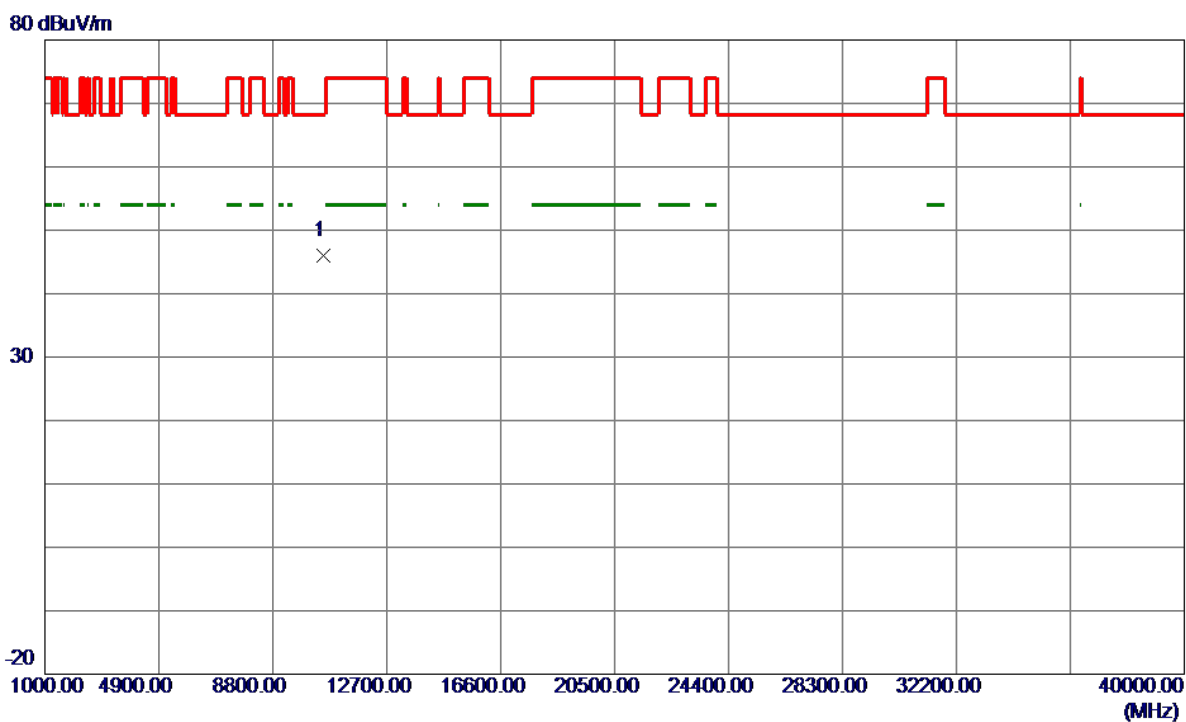
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5253.5000	62.19	39.34	101.53	999.00	-897.47	AVG	No Limit
2 *	5263.4000	72.07	39.37	111.44	68.30	43.14	Peak	No Limit
3	5350.0000	24.17	39.65	63.82	74.00	-10.18	Peak	
4	5350.0000	7.35	39.65	47.00	999.00	-952.00	AVG	

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

Vertical

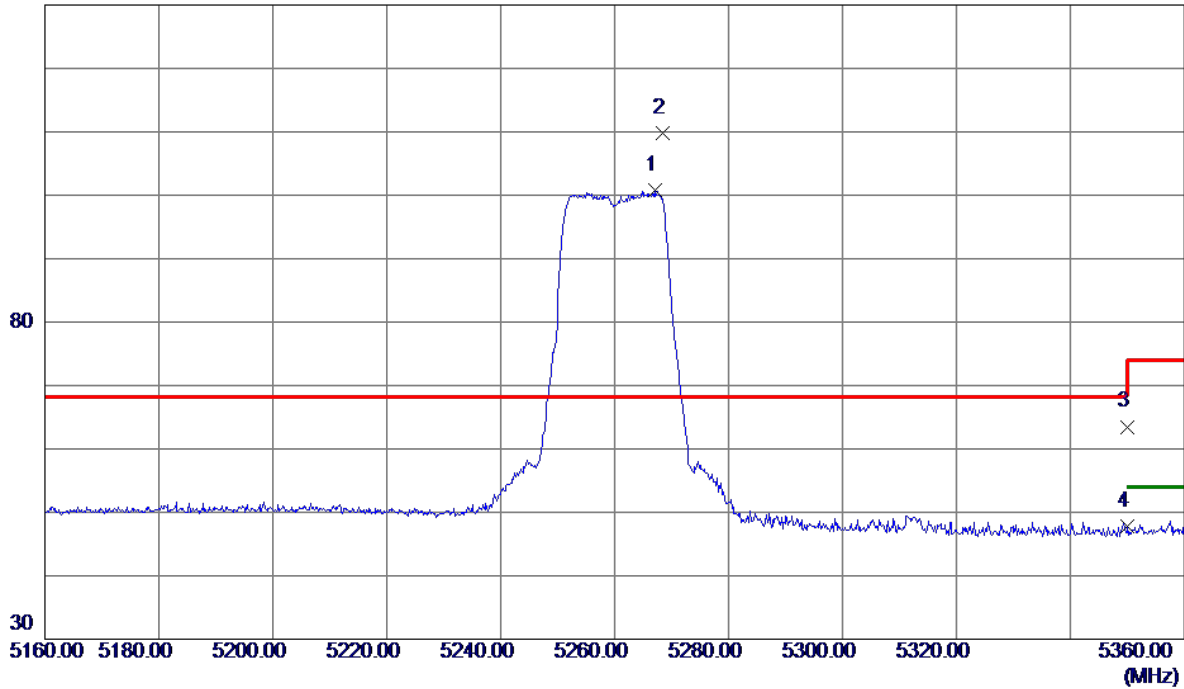


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10519.5500	48.34	-2.41	45.93	68.30	-22.37	Peak	

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

Horizontal

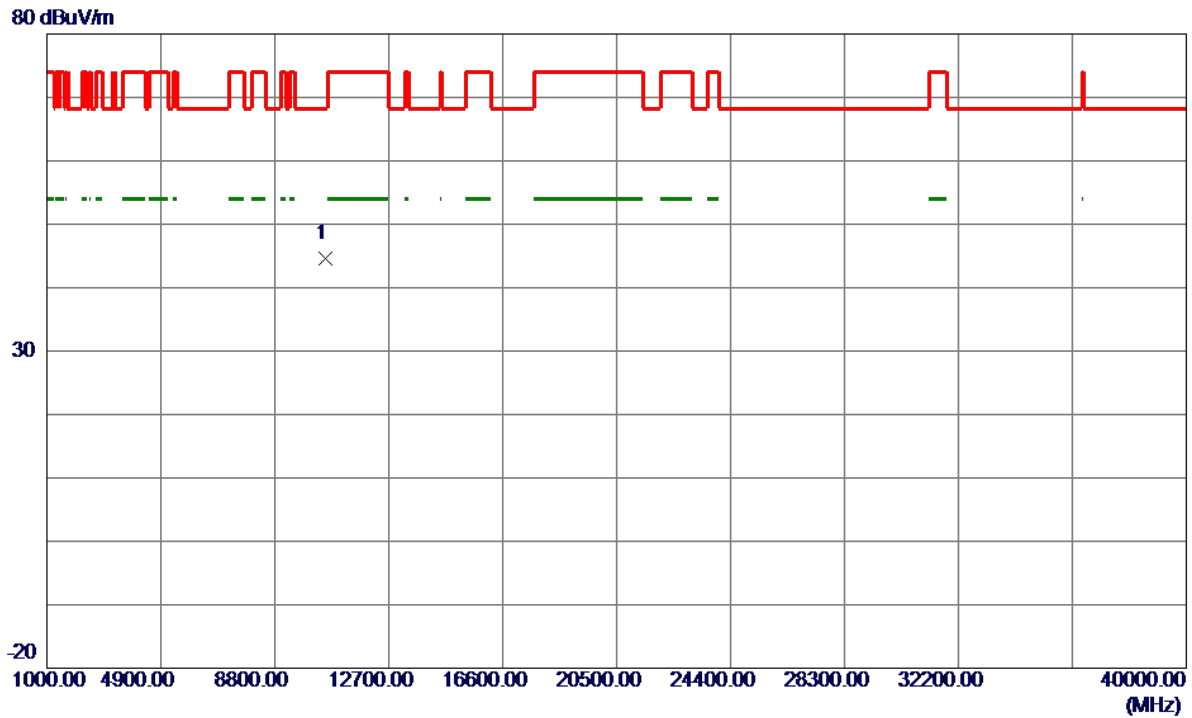
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5267.1000	61.42	39.38	100.80	999.00	-898.20	AVG	No Limit
2 *	5268.4000	70.36	39.38	109.74	68.30	41.44	Peak	No Limit
3	5350.0000	23.85	39.65	63.50	74.00	-10.50	Peak	
4	5350.0000	8.22	39.65	47.87	999.00	-951.13	AVG	

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

Horizontal

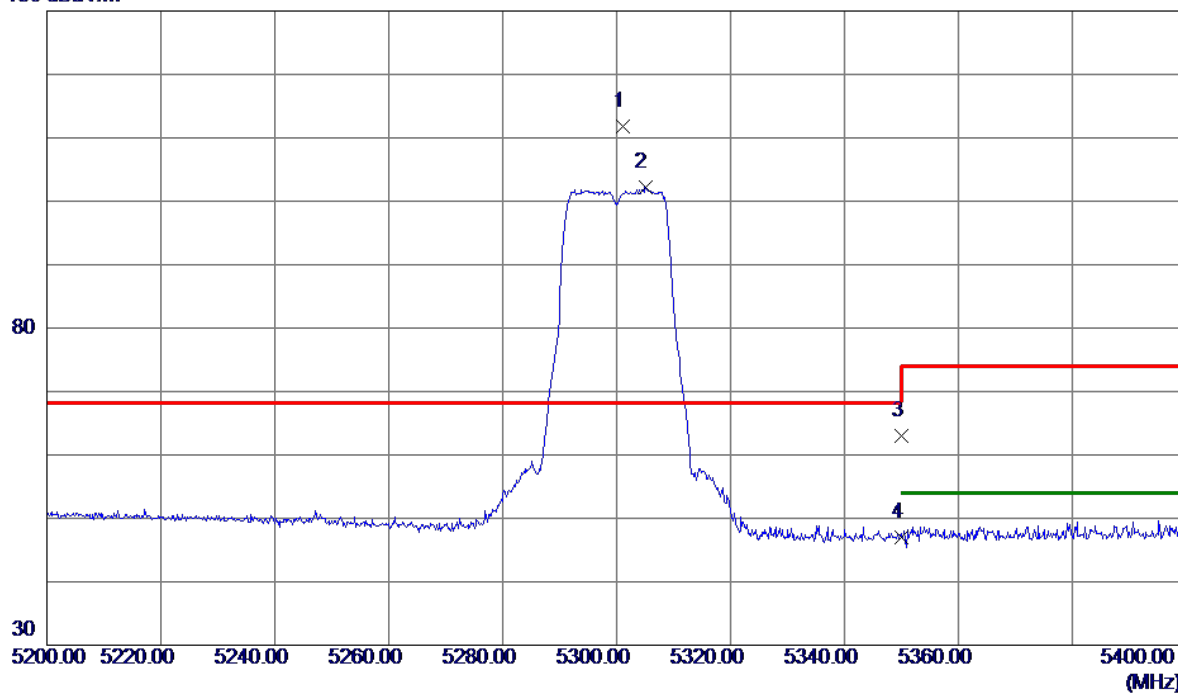


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10523.4500	47.10	-2.41	44.69	68.30	-23.61	Peak	

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

Vertical

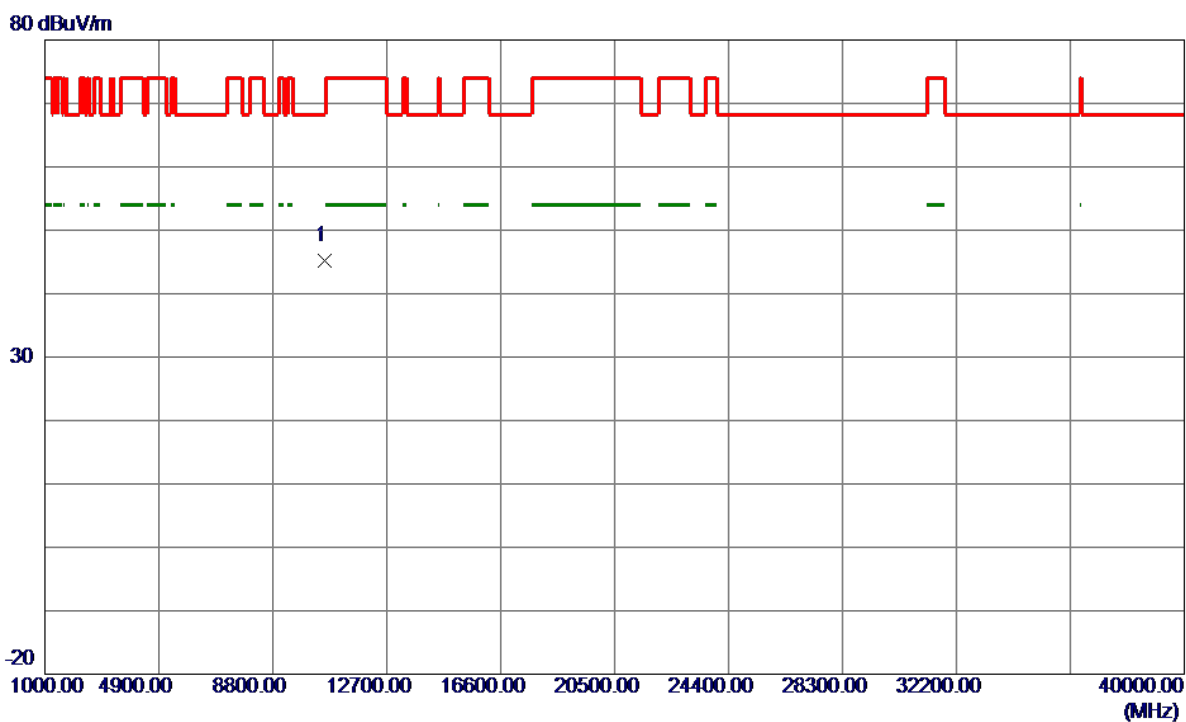
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.1000	72.38	39.49	111.87	68.30	43.57	Peak	No Limit
2	5305.0000	62.65	39.50	102.15	999.00	-896.85	AVG	No Limit
3	5350.0000	23.26	39.65	62.91	74.00	-11.09	Peak	
4	5350.0000	7.37	39.65	47.02	999.00	-951.98	AVG	

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

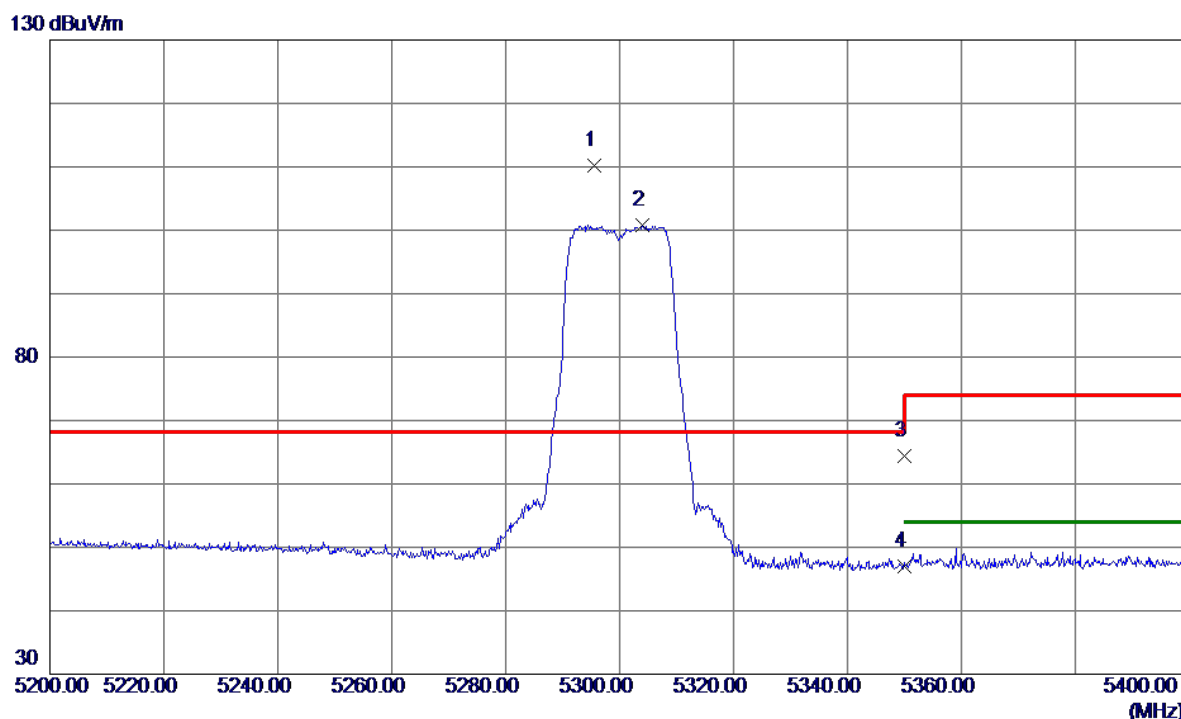
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10597.6800	47.61	-2.41	45.20	68.30	-23.10	Peak	

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

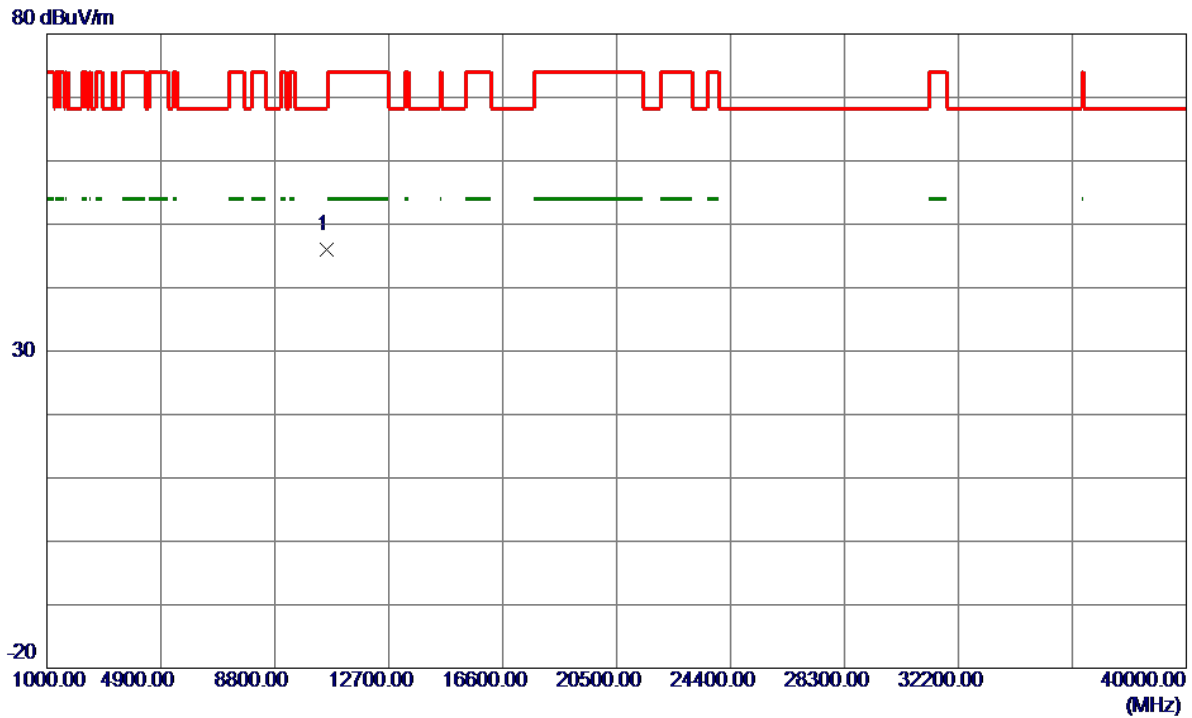
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5295.5000	70.65	39.47	110.12	68.30	41.82	Peak	No Limit
2	5304.0000	61.39	39.50	100.89	999.00	-898.11	AVG	No Limit
3	5350.0000	24.84	39.65	64.49	74.00	-9.51	Peak	
4	5350.0000	7.35	39.65	47.00	999.00	-952.00	AVG	

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

Horizontal

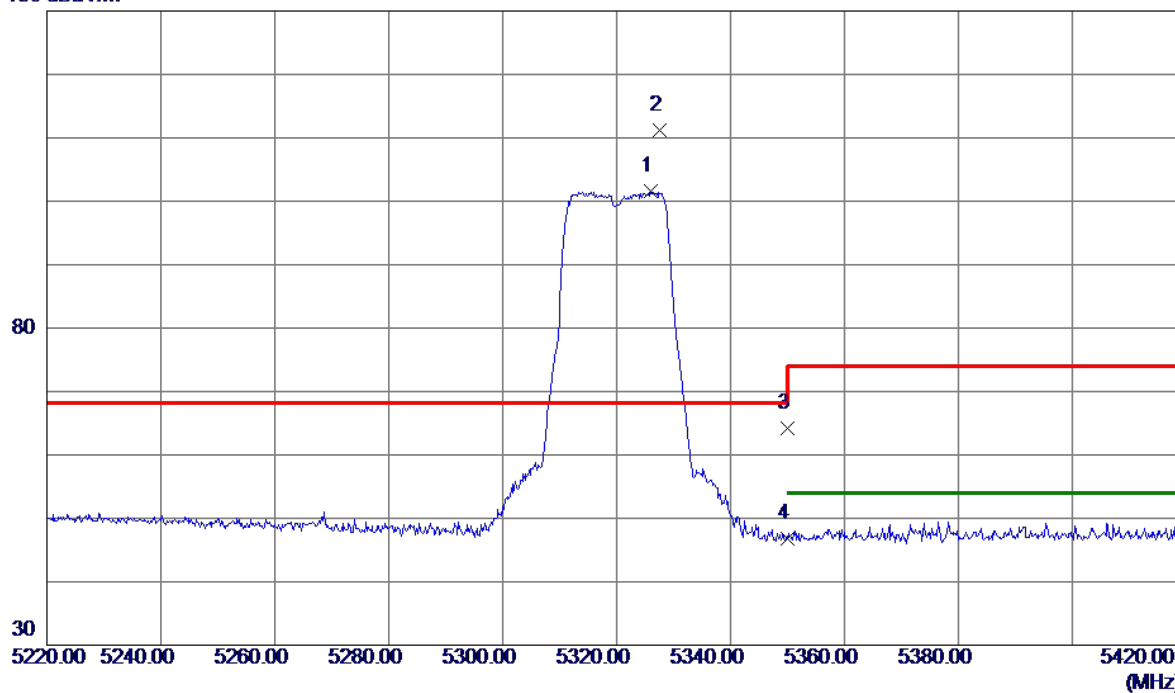


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10598.1900	48.44	-2.41	46.03	68.30	-22.27	Peak	

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

Vertical

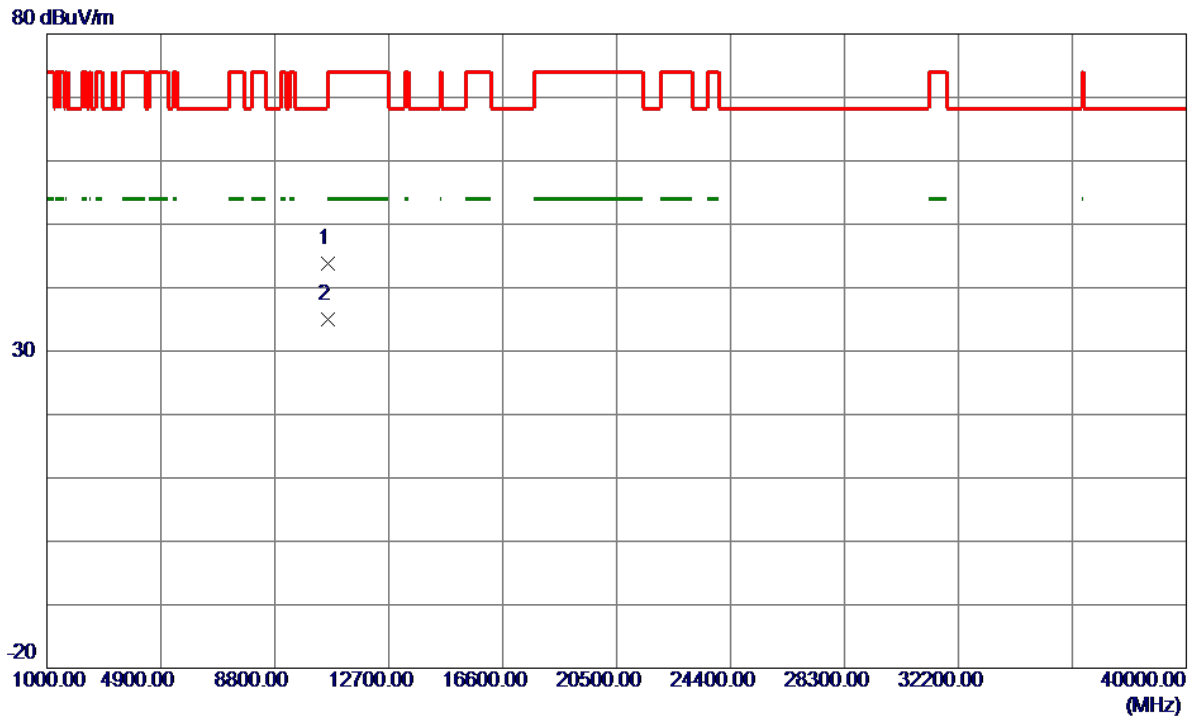
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5326.1000	61.97	39.57	101.54	999.00	-897.46	AVG	No Limit
2 *	5327.5000	71.66	39.58	111.24	68.30	42.94	Peak	No Limit
3	5350.0000	24.57	39.65	64.22	74.00	-9.78	Peak	
4	5350.0000	7.08	39.65	46.73	999.00	-952.27	AVG	

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

Vertical

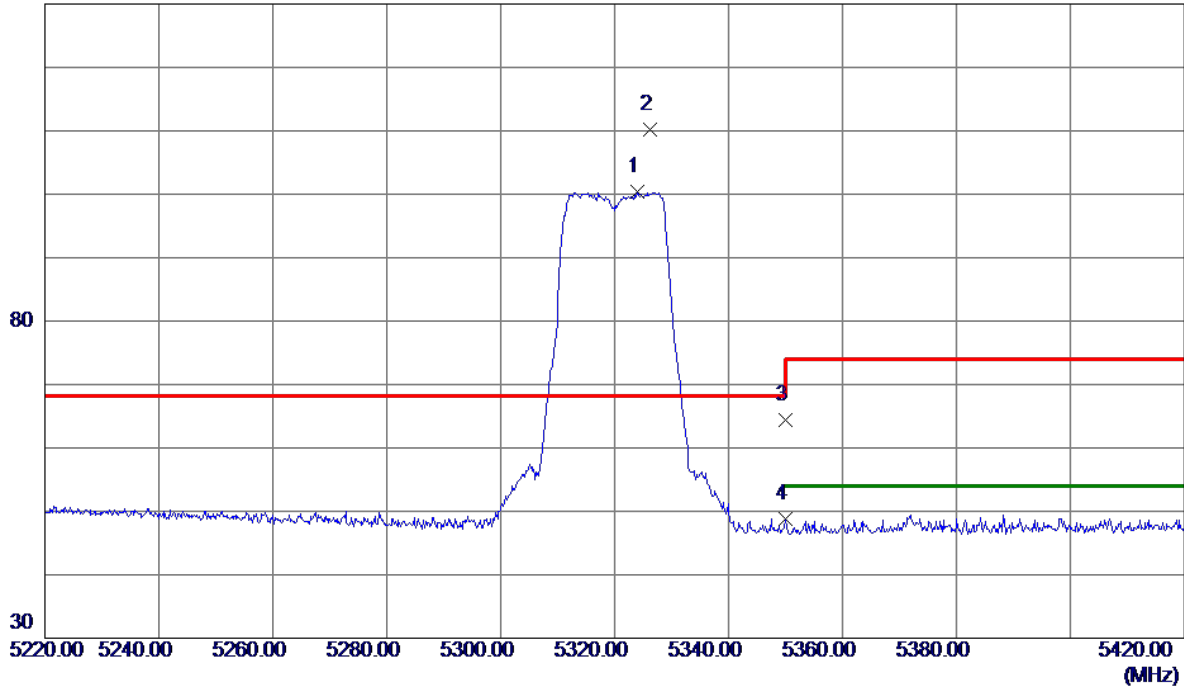


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10641.4100	46.22	-2.41	43.81	74.00	-30.19	Peak	
2 *	10639.3900	37.47	-2.41	35.06	54.00	-18.94	AVG	

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

Horizontal

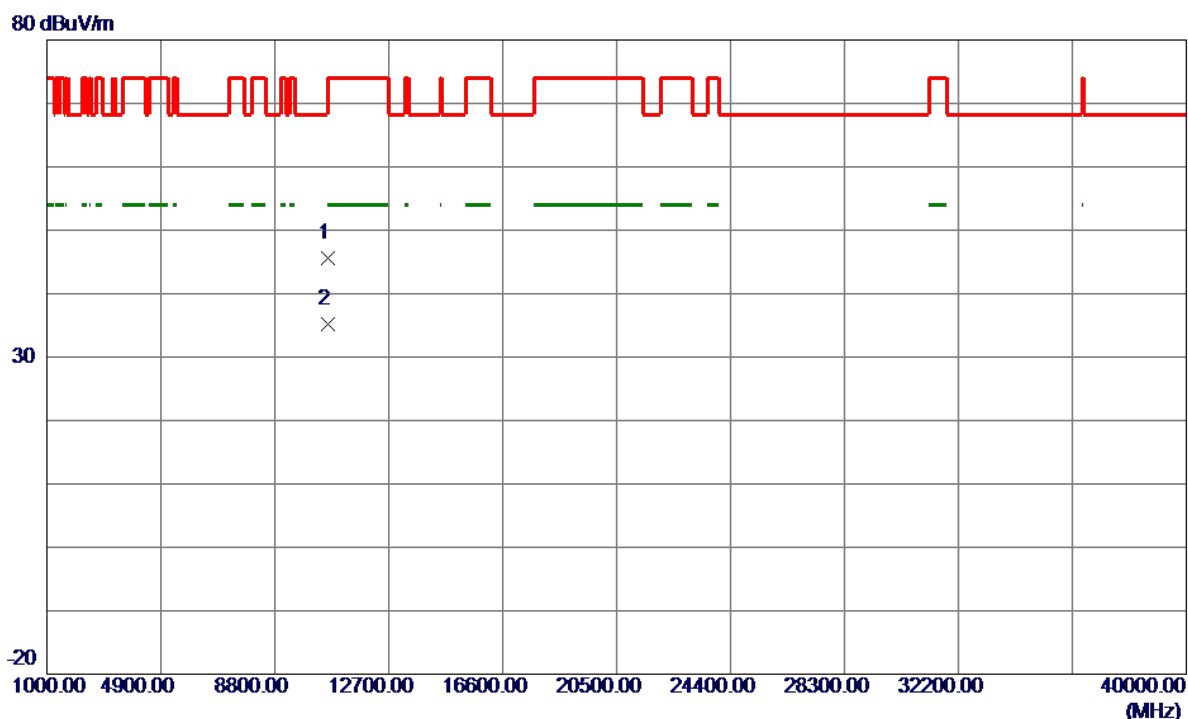
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5324.0000	60.74	39.57	100.31	999.00	-898.69	AVG	No Limit
2 *	5326.2000	70.72	39.57	110.29	68.30	41.99	Peak	No Limit
3	5350.0000	24.71	39.65	64.36	74.00	-9.64	Peak	
4	5350.0000	9.07	39.65	48.72	999.00	-950.28	AVG	

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

Horizontal

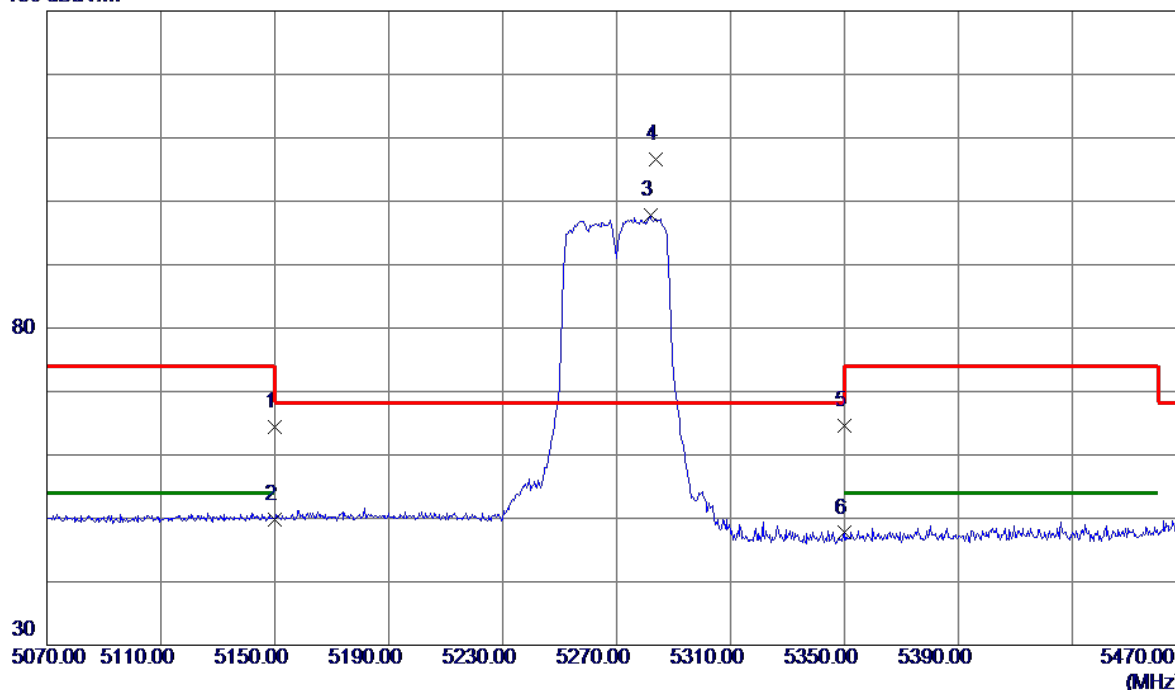


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10640.1800	47.97	-2.41	45.56	74.00	-28.44	Peak	
2 *	10639.7100	37.60	-2.41	35.19	54.00	-18.81	AVG	

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

Vertical

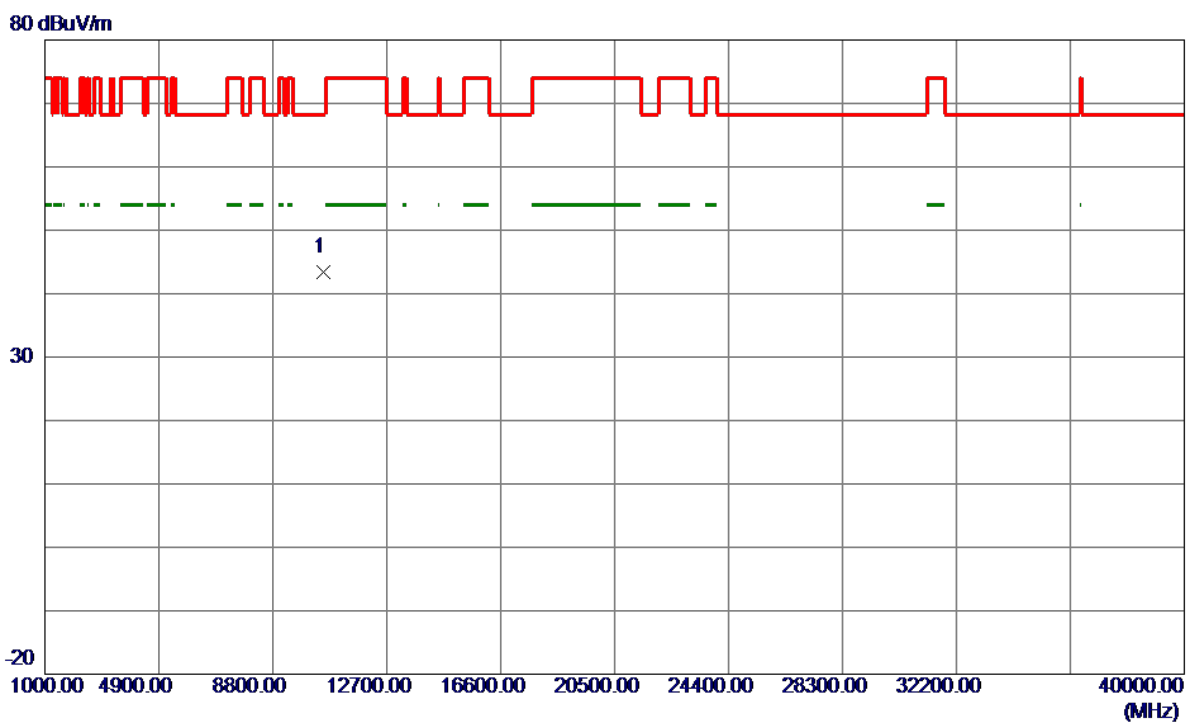
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	25.45	39.00	64.45	74.00	-9.55	Peak	
2	5150.0000	10.77	39.00	49.77	54.00	-4.23	AVG	
3	5281.8000	58.44	39.43	97.87	999.00	-901.13	AVG	No Limit
4 *	5283.8000	67.21	39.44	106.65	68.30	38.35	Peak	No Limit
5	5350.0000	25.03	39.65	64.68	74.00	-9.32	Peak	
6	5350.0000	8.05	39.65	47.70	999.00	-951.30	AVG	

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

Vertical

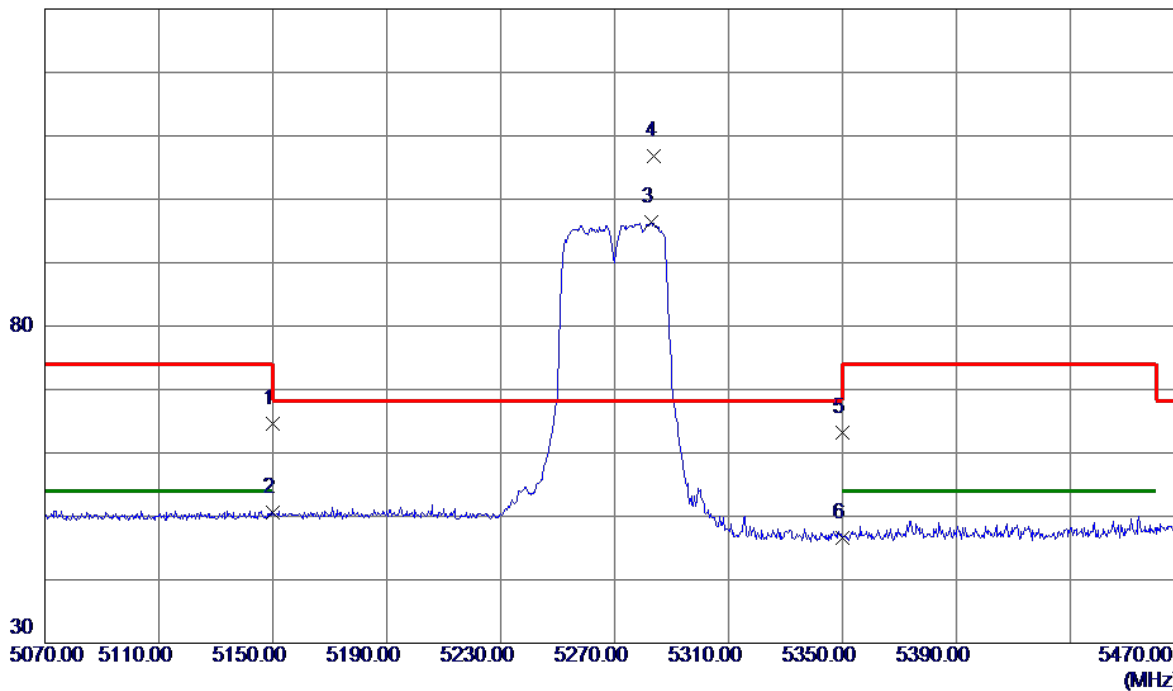


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10540.8400	45.72	-2.41	43.31	68.30	-24.99	Peak	

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

Horizontal

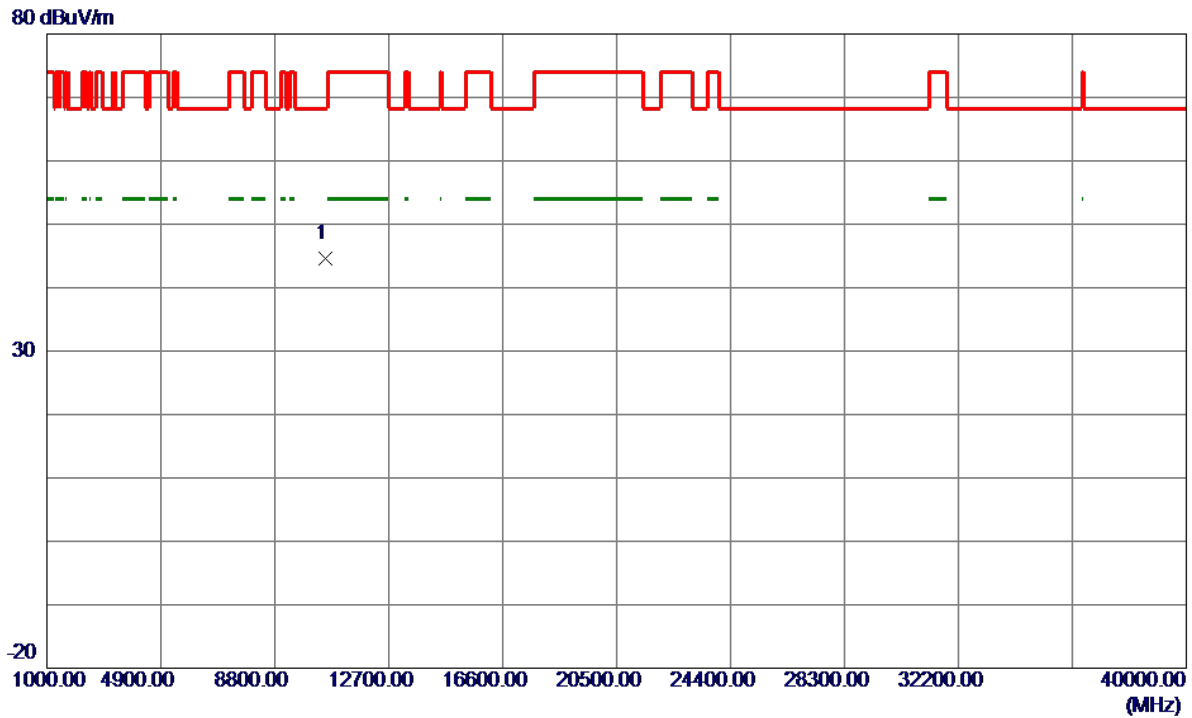
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	25.66	39.00	64.66	74.00	-9.34	Peak	
2	5150.0000	11.51	39.00	50.51	54.00	-3.49	AVG	
3	5283.0000	56.88	39.43	96.31	999.00	-902.69	AVG	No Limit
4 *	5284.0000	67.35	39.44	106.79	68.30	38.49	Peak	No Limit
5	5350.0000	23.60	39.65	63.25	74.00	-10.75	Peak	
6	5350.0000	6.90	39.65	46.55	999.00	-952.45	AVG	

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

Horizontal

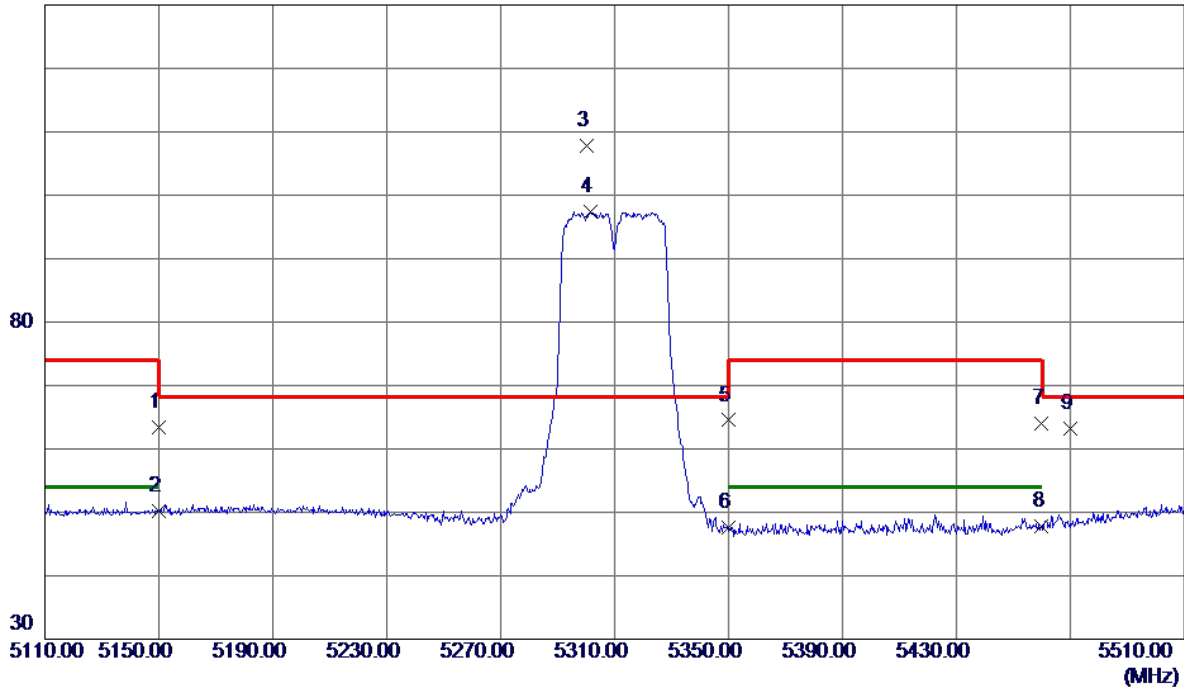


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10541.5400	47.03	-2.41	44.62	68.30	-23.68	Peak	

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

Vertical

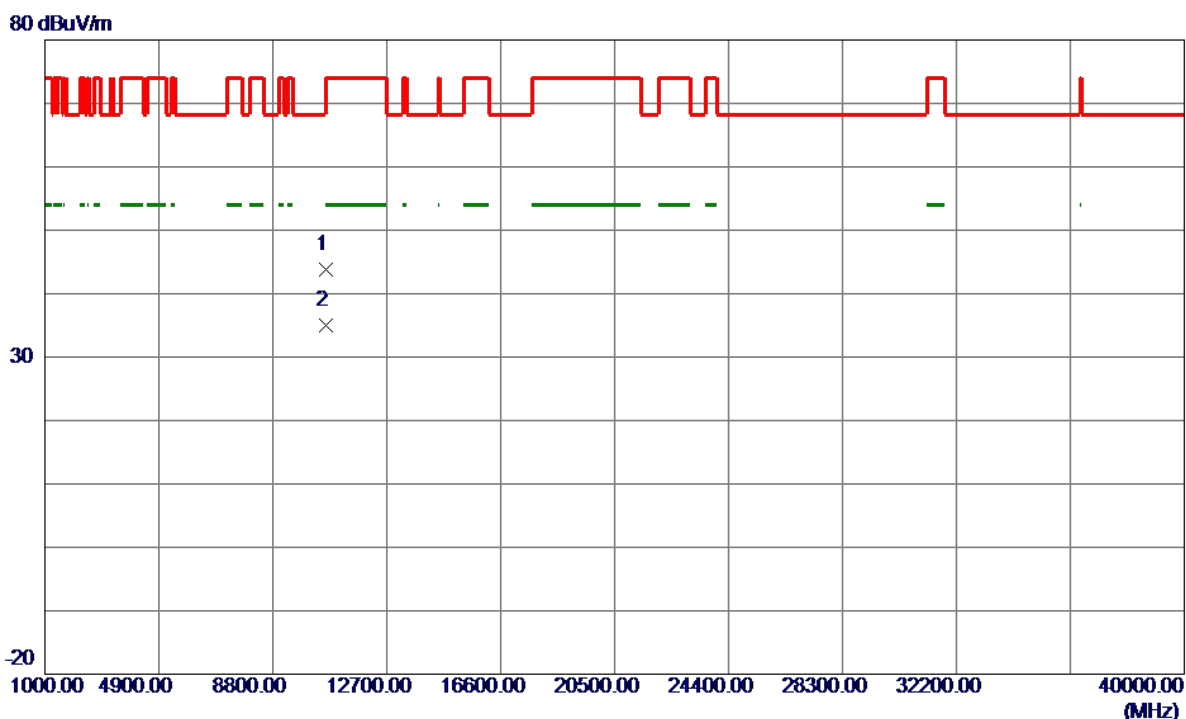
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.38	39.00	63.38	74.00	-10.62	Peak	
2	5150.0000	11.12	39.00	50.12	54.00	-3.88	AVG	
3 *	5300.2000	68.27	39.49	107.76	68.30	39.46	Peak	No Limit
4	5301.4000	57.86	39.49	97.35	999.00	-901.65	AVG	No Limit
5	5350.0000	24.85	39.65	64.50	74.00	-9.50	Peak	
6	5350.0000	7.87	39.65	47.52	999.00	-951.48	AVG	
7	5460.0000	23.98	40.01	63.99	74.00	-10.01	Peak	
8	5460.0000	7.82	40.01	47.83	54.00	-6.17	AVG	
9	5470.0000	23.14	40.04	63.18	68.30	-5.12	Peak	

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

Vertical

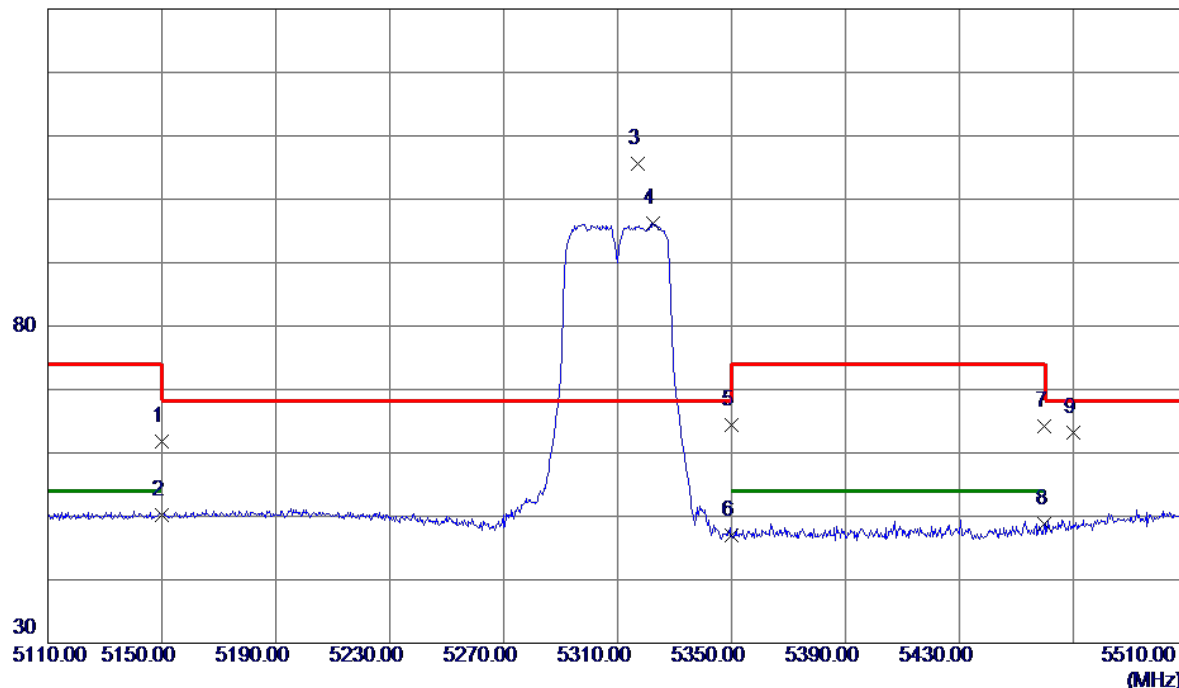


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10623.9400	46.28	-2.41	43.87	74.00	-30.13	Peak	
2 *	10621.3800	37.45	-2.41	35.04	54.00	-18.96	AVG	

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

Horizontal

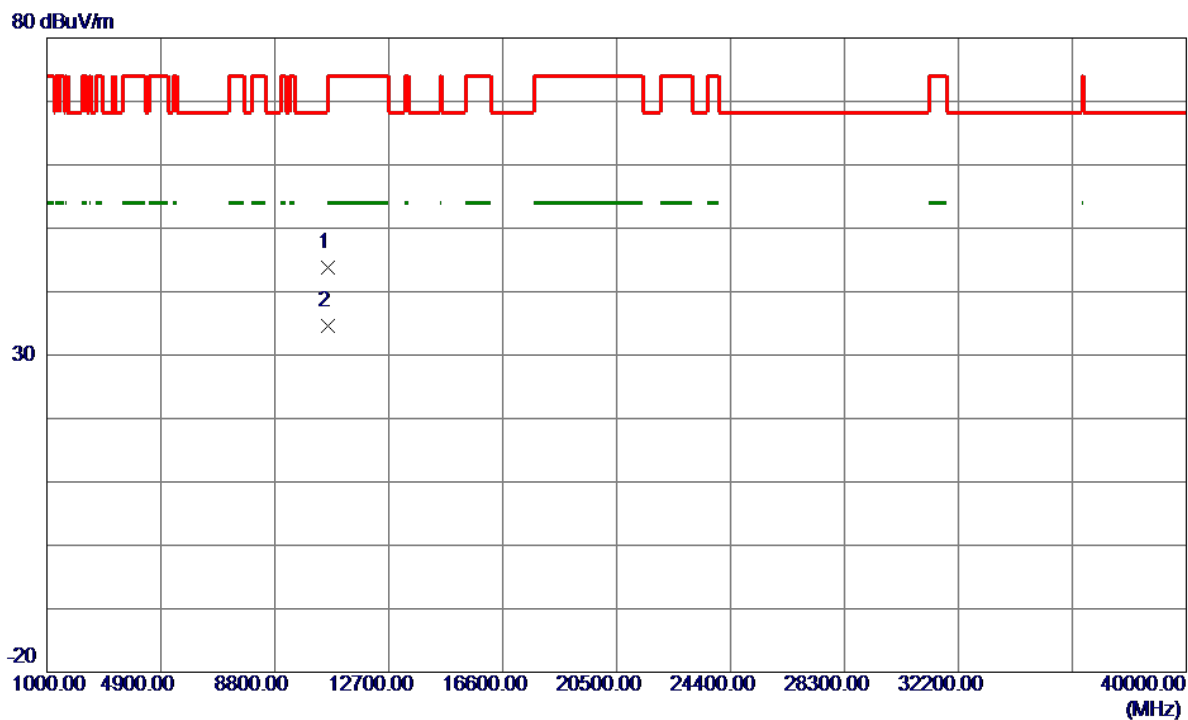
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	22.79	39.00	61.79	74.00	-12.21	Peak	
2	5150.0000	11.21	39.00	50.21	54.00	-3.79	AVG	
3 *	5317.2000	66.05	39.54	105.59	68.30	37.29	Peak	No Limit
4	5322.6000	56.65	39.56	96.21	999.00	-902.79	AVG	No Limit
5	5350.0000	24.76	39.65	64.41	74.00	-9.59	Peak	
6	5350.0000	7.29	39.65	46.94	999.00	-952.06	AVG	
7	5460.0000	24.24	40.01	64.25	74.00	-9.75	Peak	
8	5460.0000	8.74	40.01	48.75	54.00	-5.25	AVG	
9	5470.0000	23.25	40.04	63.29	68.30	-5.01	Peak	

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

Horizontal

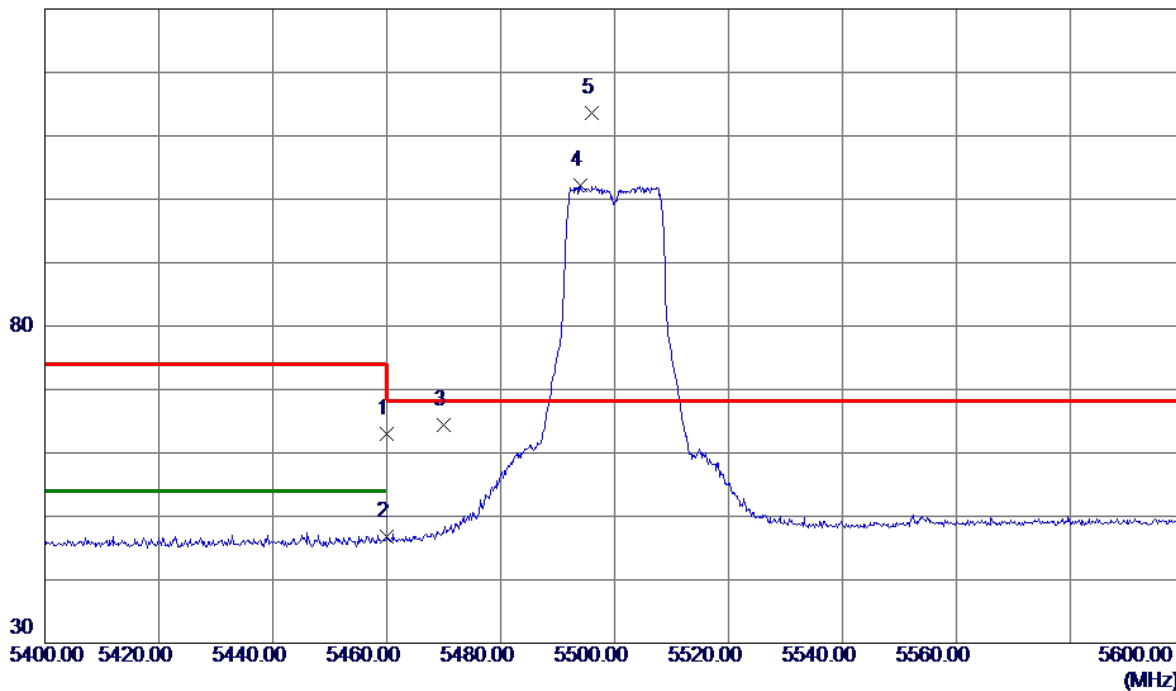


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10621.5700	46.21	-2.41	43.80	74.00	-30.20	Peak	
2 *	10618.7400	37.01	-2.41	34.60	54.00	-19.40	AVG	

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

Vertical

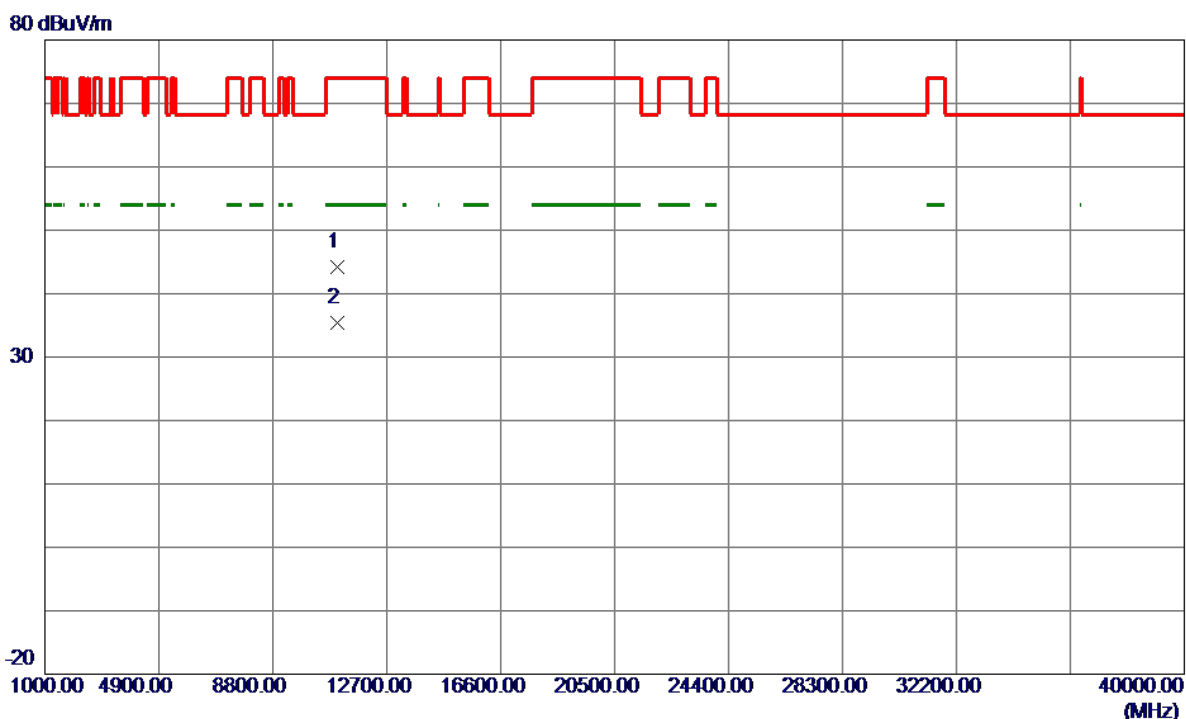
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	22.95	40.01	62.96	74.00	-11.04	QP	
2	5460.0000	6.77	40.01	46.78	54.00	-7.22	AVG	
3	5470.0000	24.45	40.04	64.49	68.30	-3.81	Peak	
4	5493.9000	62.07	40.12	102.19	999.00	-896.81	AVG	No Limit
5 *	5495.9000	73.47	40.13	113.60	68.30	45.30	Peak	No Limit

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

Vertical

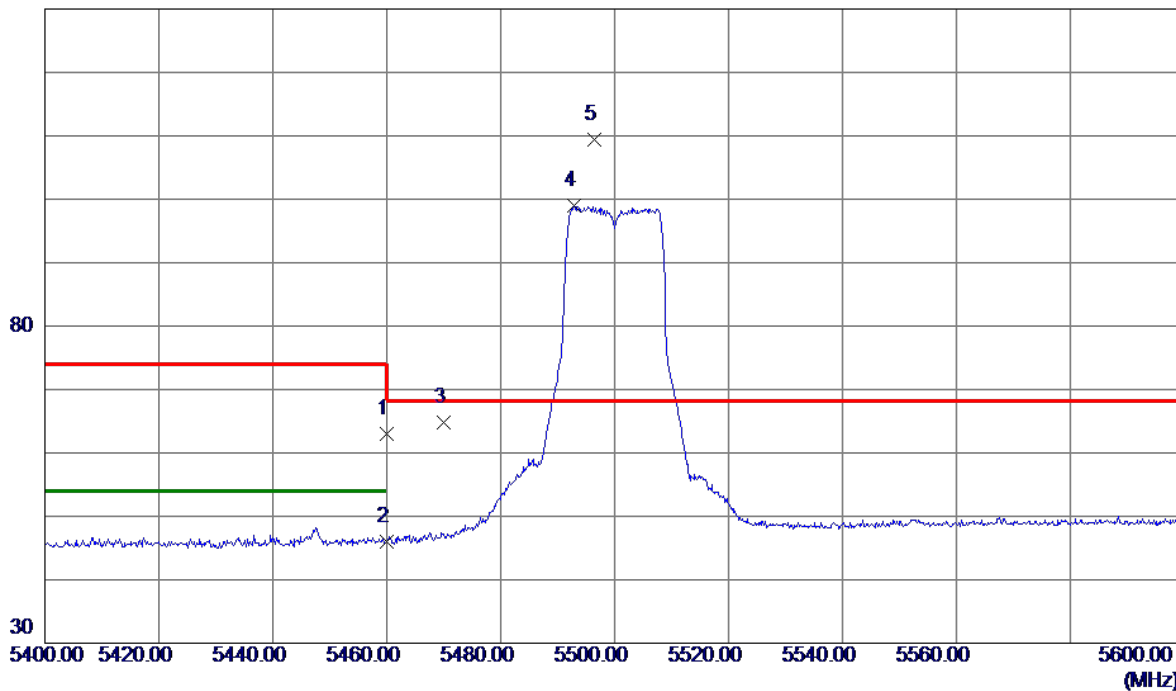


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11002.5400	46.52	-2.39	44.13	74.00	-29.87	Peak	
2 *	11001.4200	37.86	-2.39	35.47	54.00	-18.53	AVG	

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

Horizontal

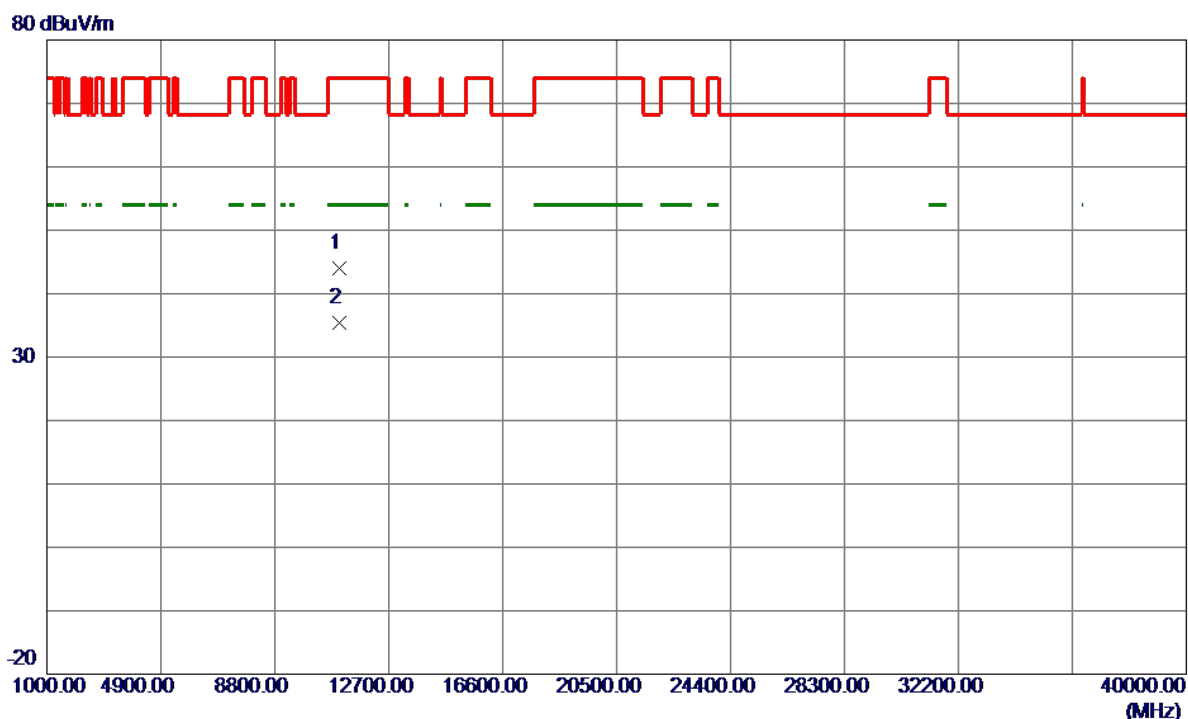
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	23.01	40.01	63.02	74.00	-10.98	Peak	
2	5460.0000	5.95	40.01	45.96	54.00	-8.04	AVG	
3	5470.0000	24.74	40.04	64.78	68.30	-3.52	Peak	
4	5492.8000	58.90	40.12	99.02	999.00	-899.98	AVG	No Limit
5 *	5496.4000	69.33	40.13	109.46	68.30	41.16	Peak	No Limit

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

Horizontal

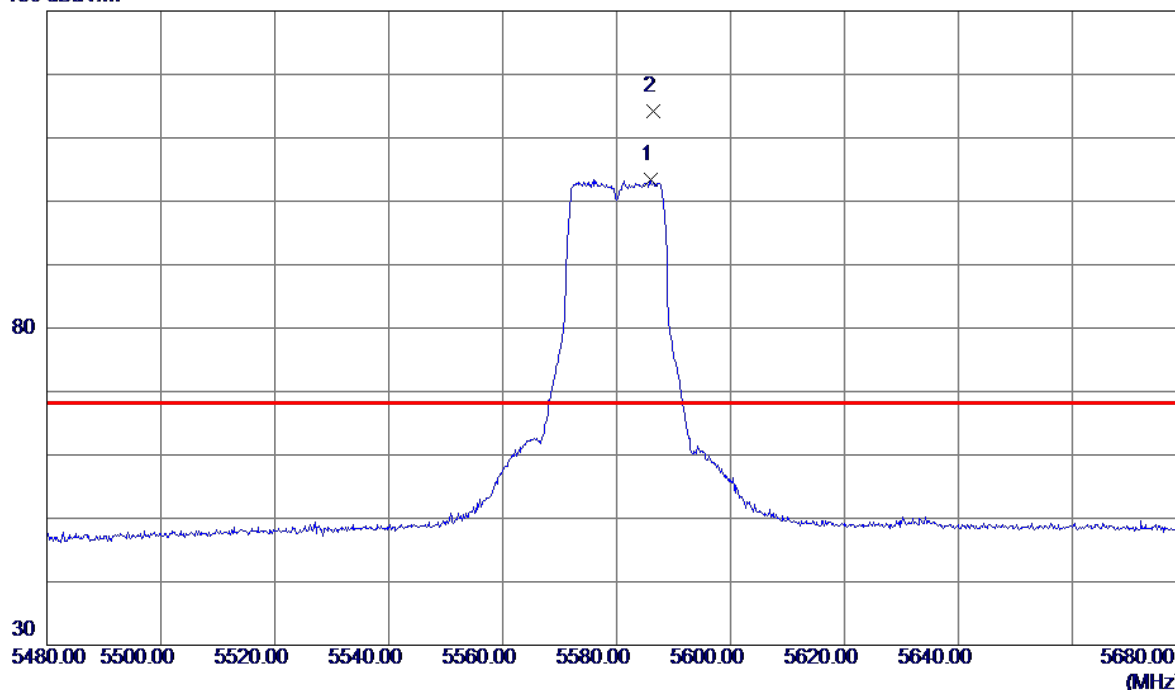


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11002.1500	46.39	-2.39	44.00	74.00	-30.00	Peak	
2 *	11001.6100	37.85	-2.39	35.46	54.00	-18.54	AVG	

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

Vertical

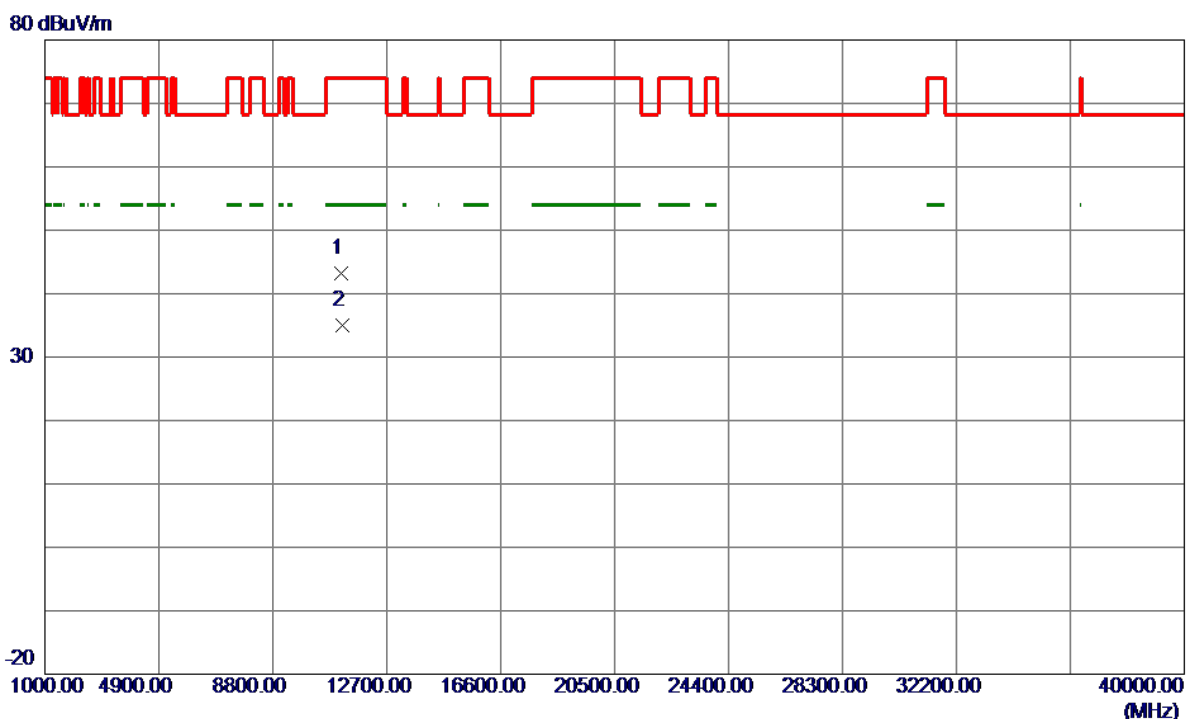
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5585.9000	63.18	40.21	103.39	999.00	-895.61	AVG	No Limit
2 *	5586.4000	73.98	40.21	114.19	68.30	45.89	Peak	No Limit

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

Vertical

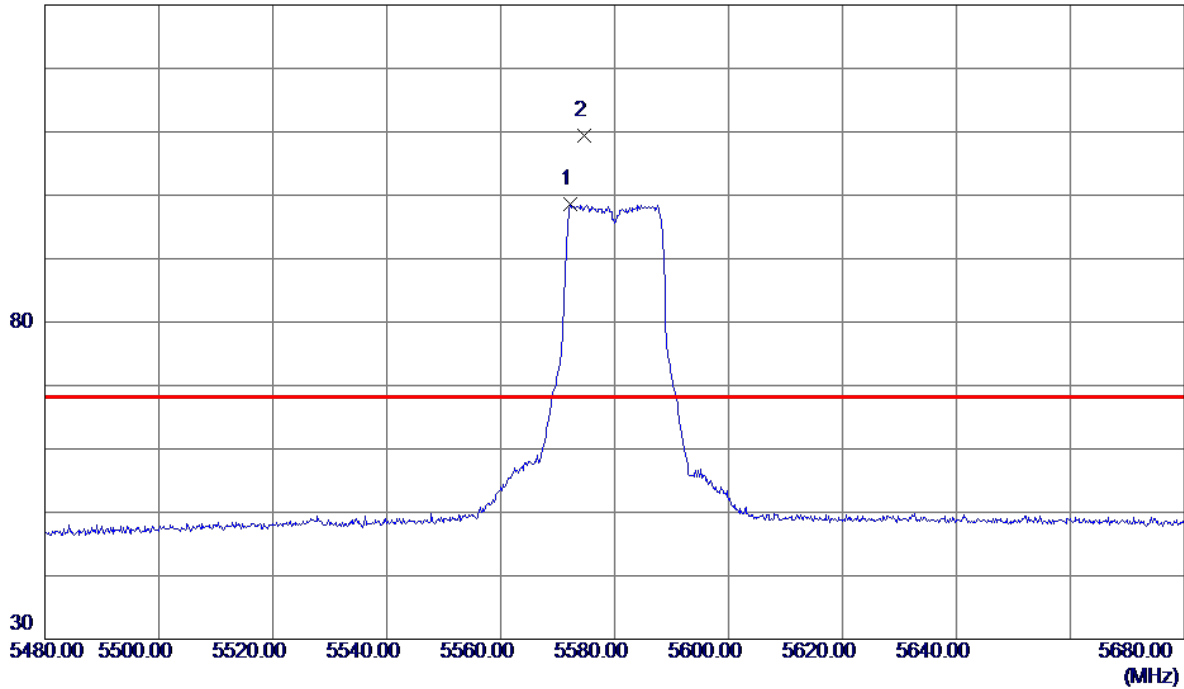


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11158.4600	45.51	-2.24	43.27	74.00	-30.73	Peak	
2 *	11162.1500	37.20	-2.24	34.96	54.00	-19.04	AVG	

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

Horizontal

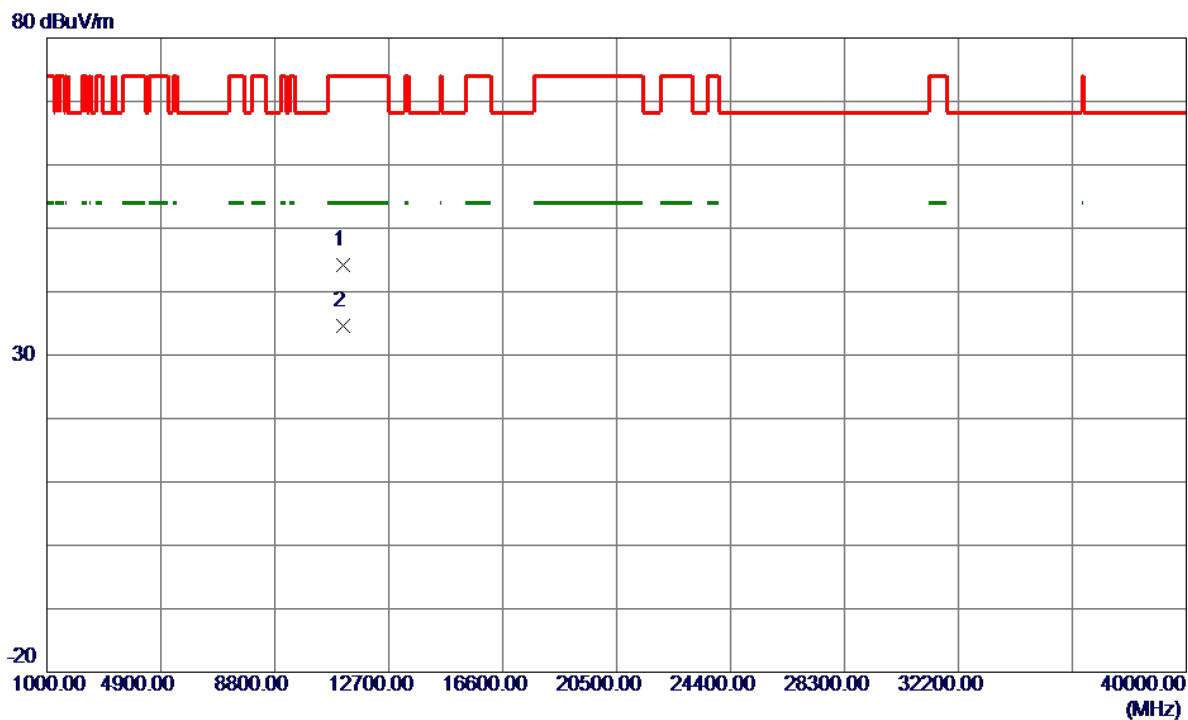
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5572.3000	58.31	40.20	98.51	999.00	-900.49	AVG	No Limit
2 *	5574.6000	69.14	40.20	109.34	68.30	41.04	Peak	No Limit

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

Horizontal

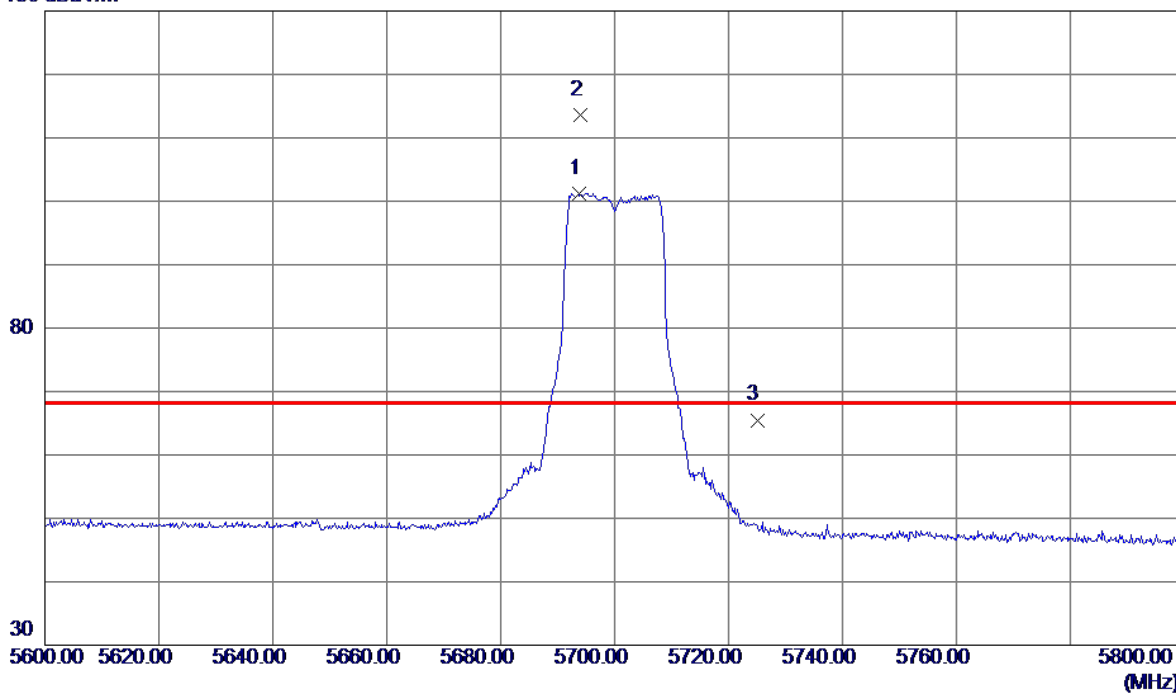


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11158.9400	46.45	-2.24	44.21	74.00	-29.79	Peak	
2 *	11160.7800	36.91	-2.24	34.67	54.00	-19.33	AVG	

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

Vertical

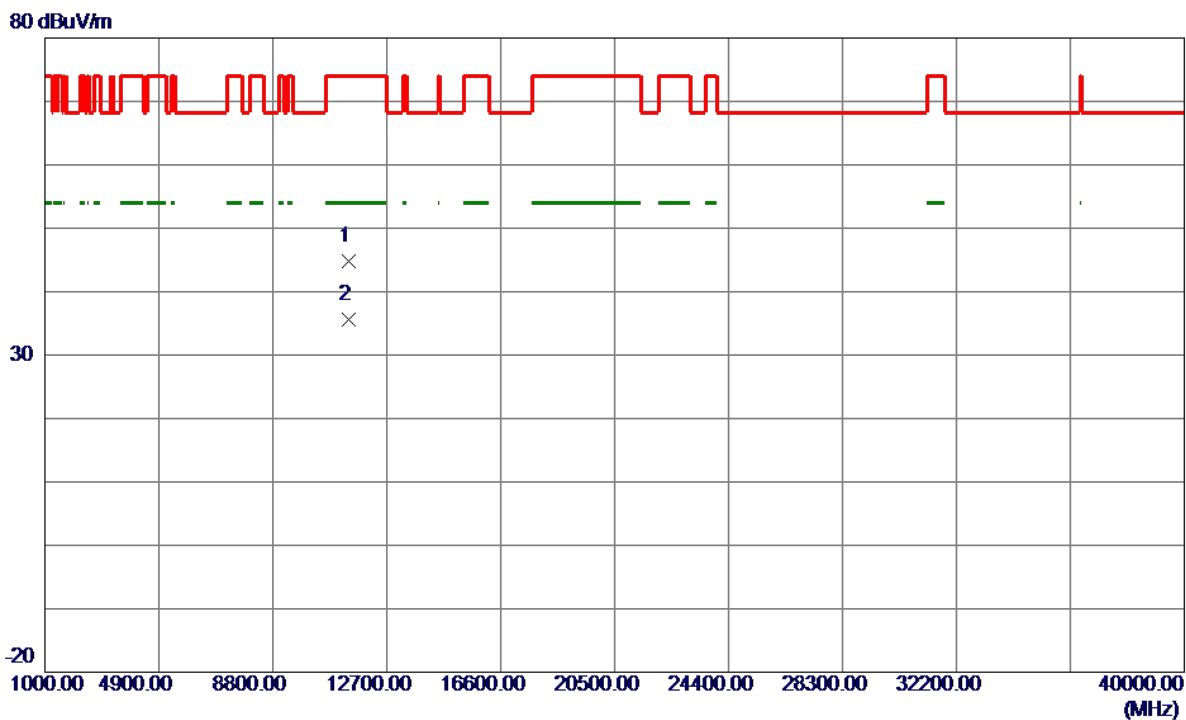
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5693.8000	60.95	40.31	101.26	999.00	-897.74	AVG	No Limit
2 *	5693.9000	73.34	40.31	113.65	68.30	45.35	Peak	No Limit
3	5725.0000	25.17	40.33	65.50	68.30	-2.80	Peak	

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

Vertical

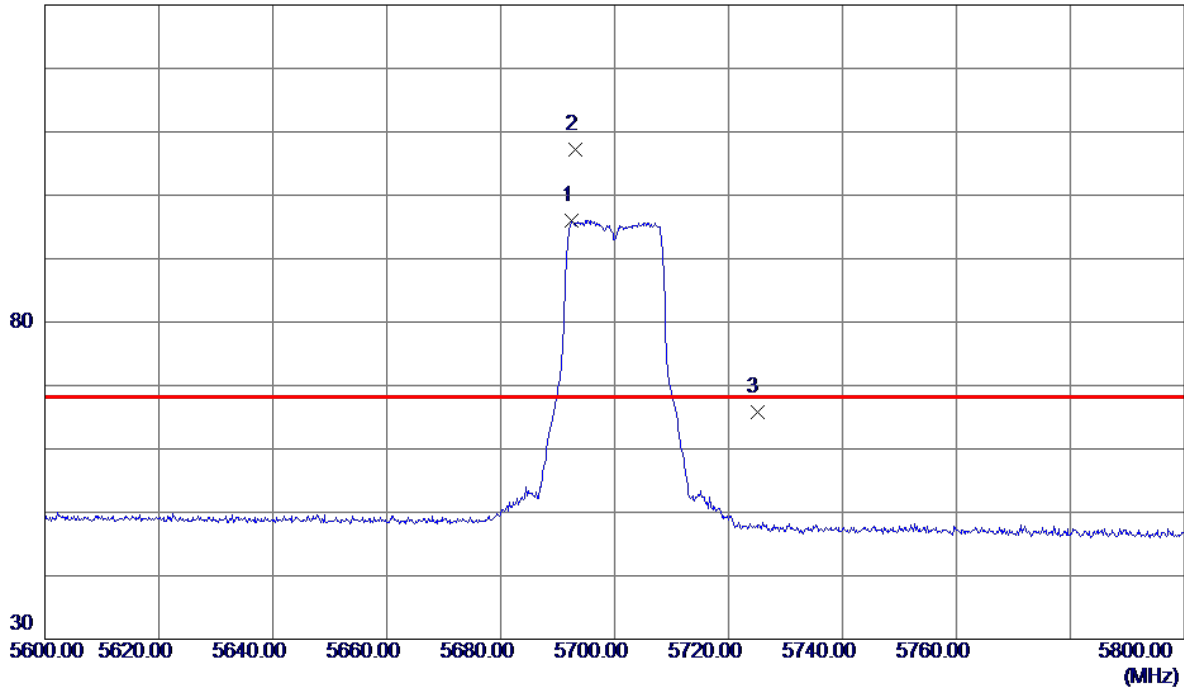


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11402.4800	46.75	-2.01	44.74	74.00	-29.26	Peak	
2 *	11401.6700	37.59	-2.01	35.58	54.00	-18.42	AVG	

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

Horizontal

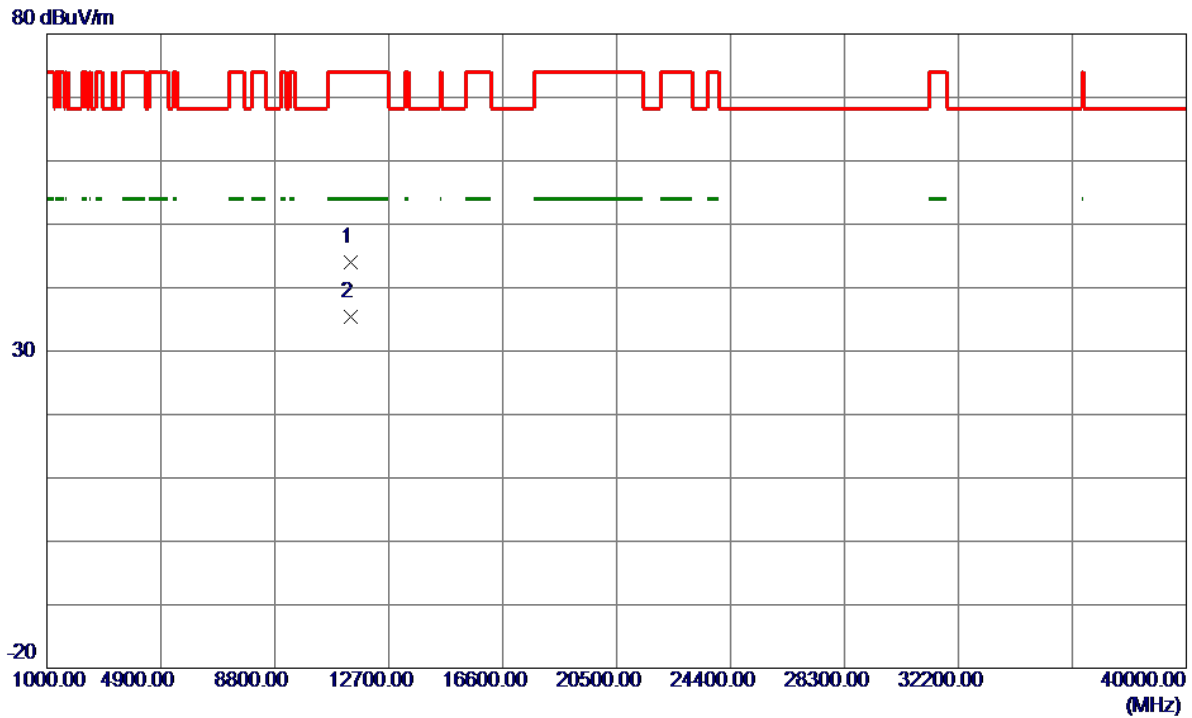
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5692.5000	55.75	40.31	96.06	999.00	-902.94	AVG	No Limit
2 *	5693.2000	66.89	40.31	107.20	68.30	38.90	Peak	No Limit
3	5725.0000	25.51	40.33	65.84	68.30	-2.46	Peak	

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

Horizontal

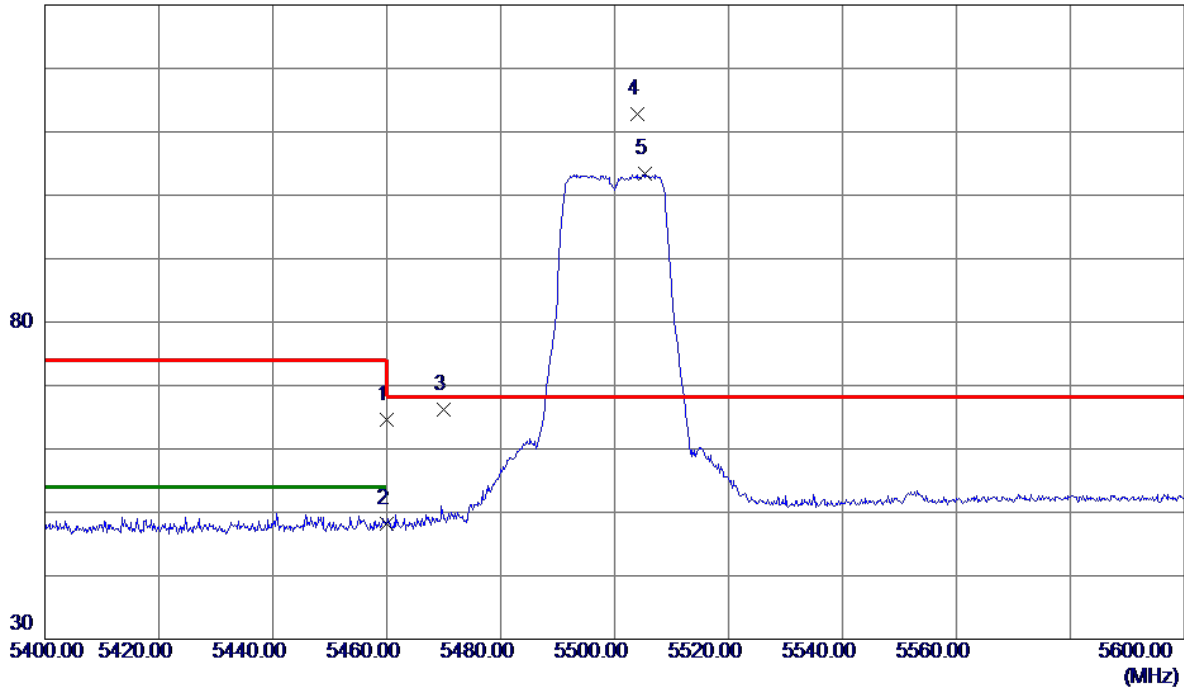


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11403.4800	46.06	-2.01	44.05	74.00	-29.95	Peak	
2 *	11401.4600	37.36	-2.01	35.35	54.00	-18.65	AVG	

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

Vertical

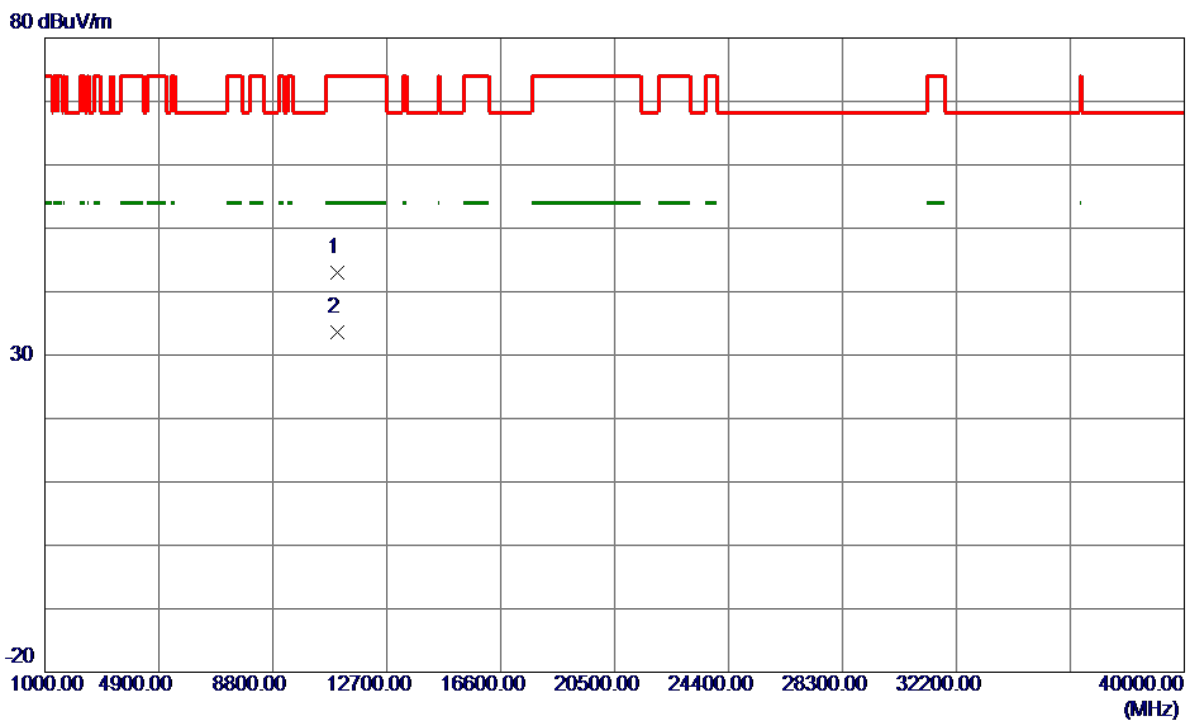
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	24.68	40.01	64.69	74.00	-9.31	Peak	
2	5460.0000	8.17	40.01	48.18	54.00	-5.82	AVG	
3	5470.0000	26.17	40.04	66.21	68.30	-2.09	Peak	
4 *	5503.9000	72.59	40.14	112.73	68.30	44.43	Peak	No Limit
5	5505.4000	63.25	40.14	103.39	999.00	-895.61	AVG	No Limit

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

Vertical

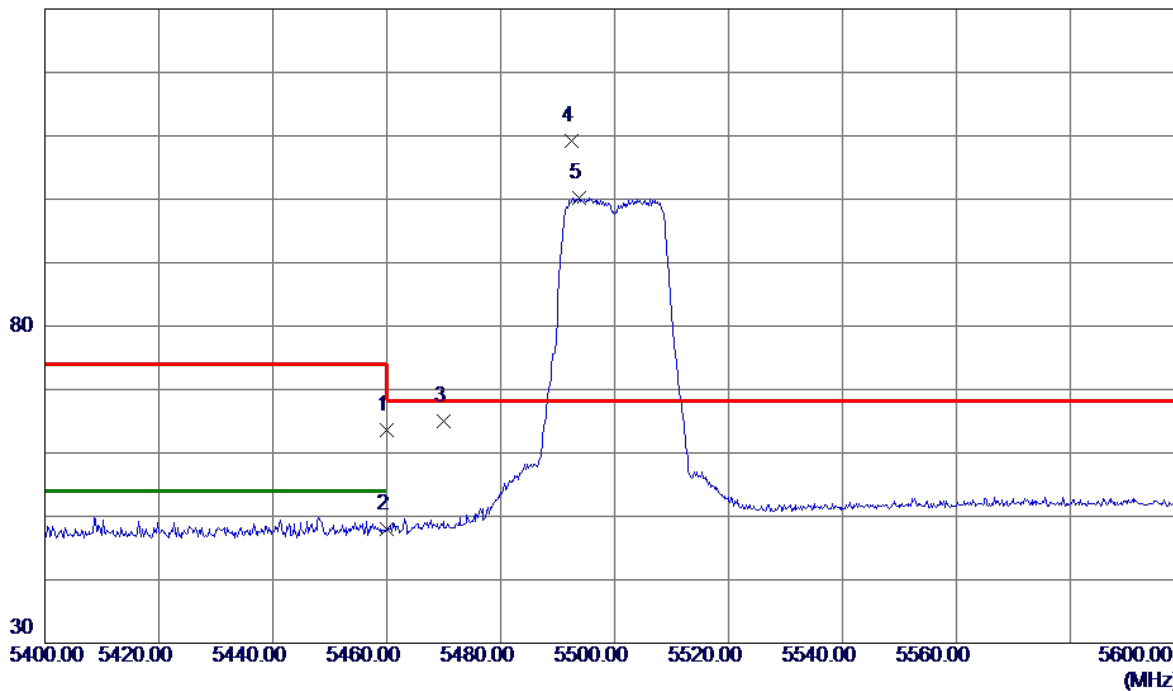


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11001.2500	45.31	-2.39	42.92	74.00	-31.08	Peak	
2 *	11003.4900	36.08	-2.39	33.69	54.00	-20.31	AVG	

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

Horizontal

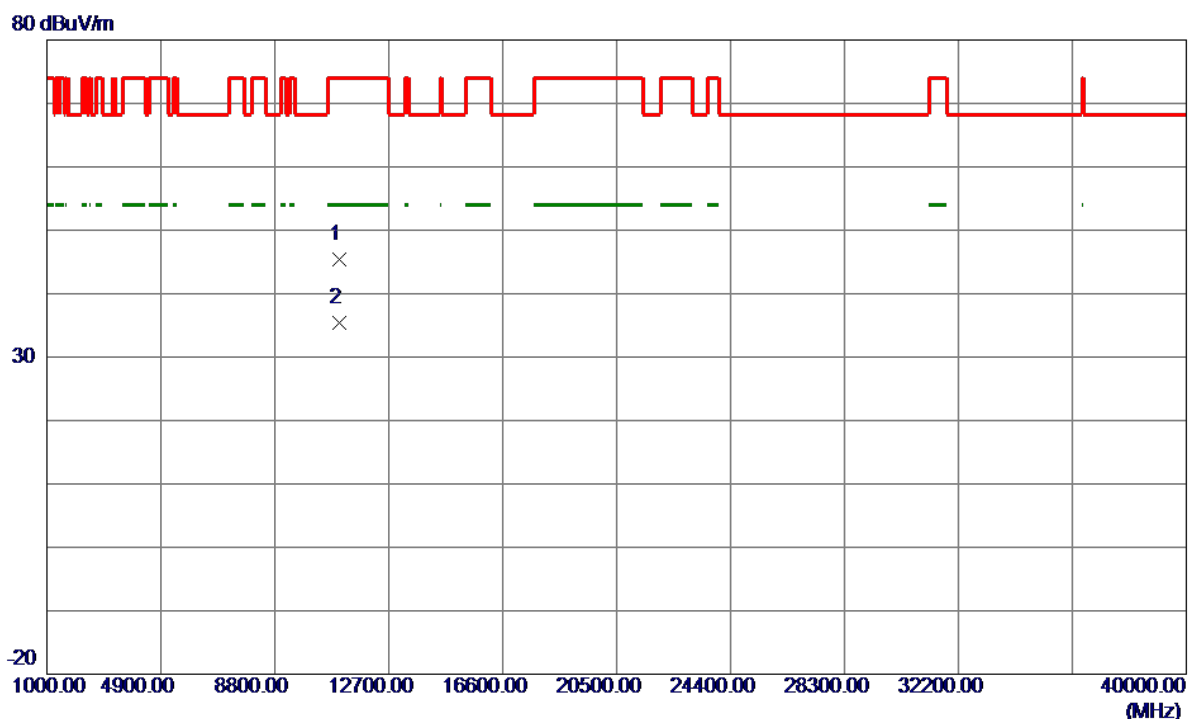
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	23.63	40.01	63.64	74.00	-10.36	Peak	
2	5460.0000	7.95	40.01	47.96	54.00	-6.04	AVG	
3	5470.0000	25.01	40.04	65.05	68.30	-3.25	Peak	
4 *	5492.4000	69.16	40.12	109.28	68.30	40.98	Peak	No Limit
5	5493.8000	60.11	40.12	100.23	999.00	-898.77	AVG	No Limit

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

Horizontal

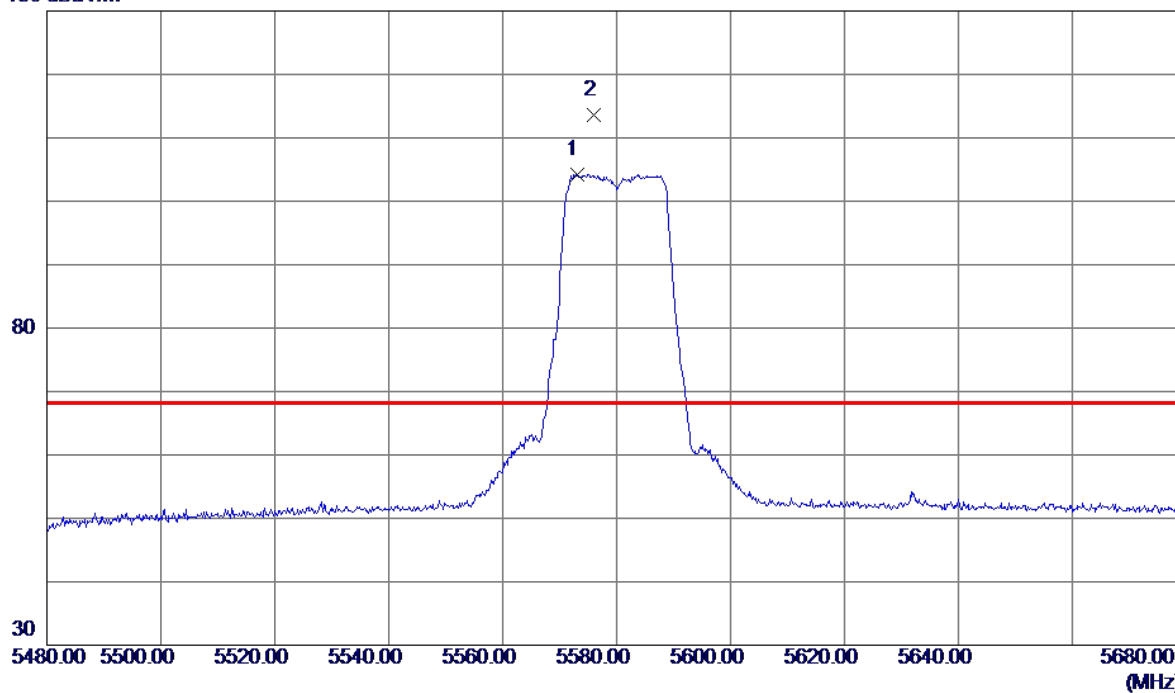


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11003.4400	47.81	-2.39	45.42	74.00	-28.58	Peak	
2 *	11002.7400	37.85	-2.39	35.46	54.00	-18.54	AVG	

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

Vertical

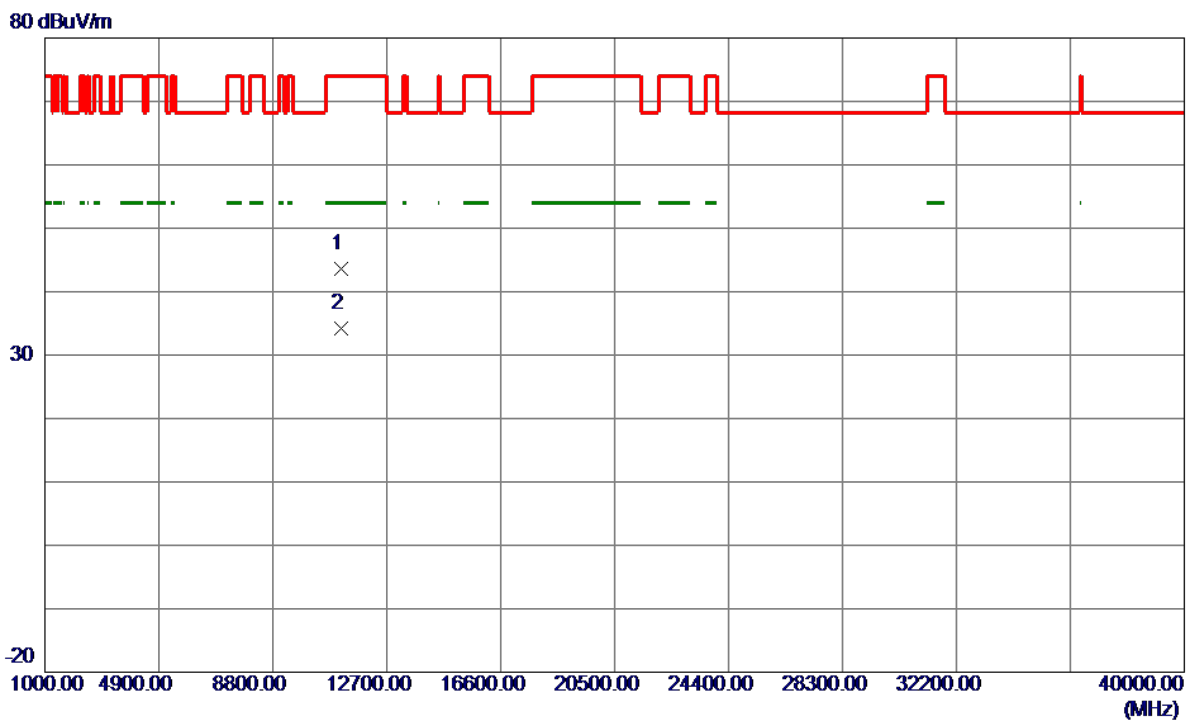
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5573.0000	64.08	40.20	104.28	999.00	-894.72	AVG	No Limit
2 *	5576.1000	73.33	40.21	113.54	68.30	45.24	Peak	No Limit

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

Vertical

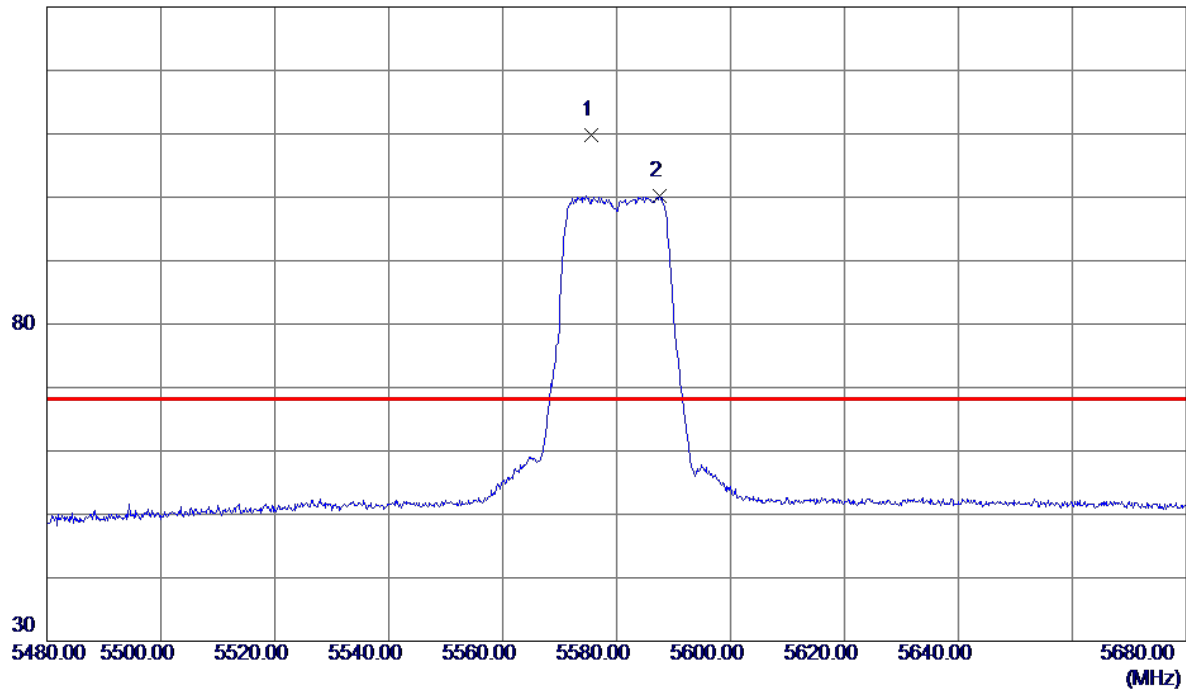


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11159.1000	45.86	-2.24	43.62	74.00	-30.38	Peak	
2 *	11161.2900	36.45	-2.24	34.21	54.00	-19.79	AVG	

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

Horizontal

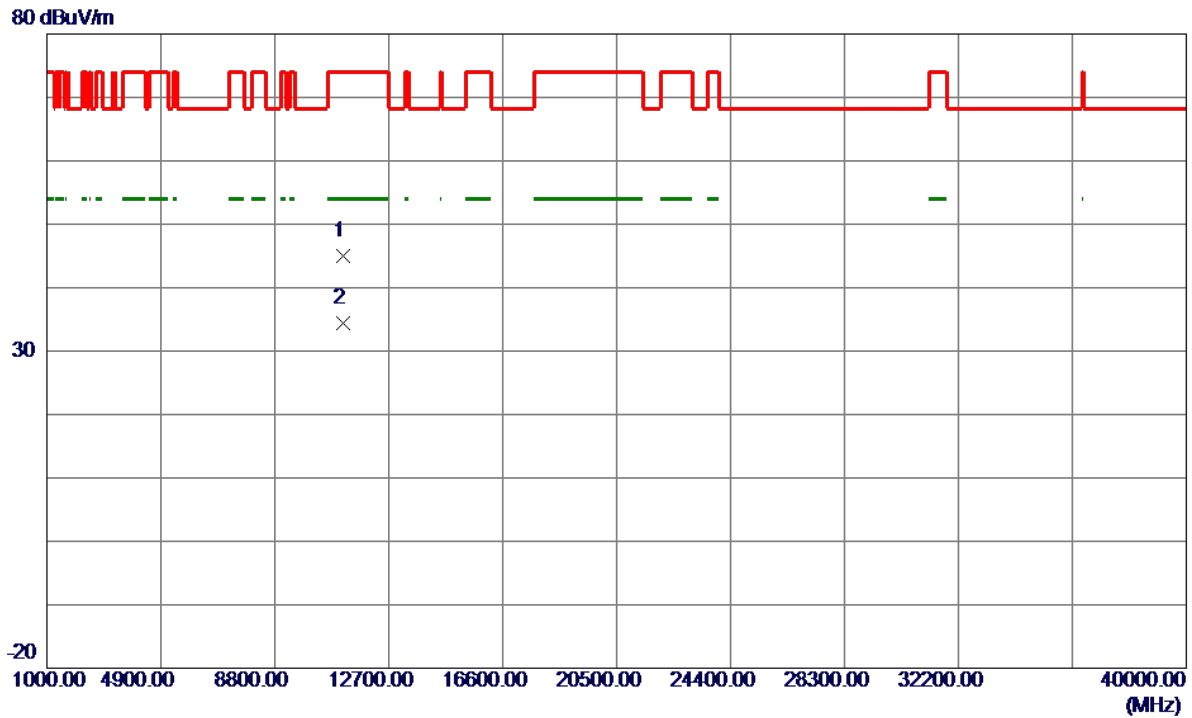
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5575.6000	69.66	40.20	109.86	68.30	41.56	Peak	No Limit
2	5587.5000	59.89	40.22	100.11	999.00	-898.89	AVG	No Limit

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

Horizontal

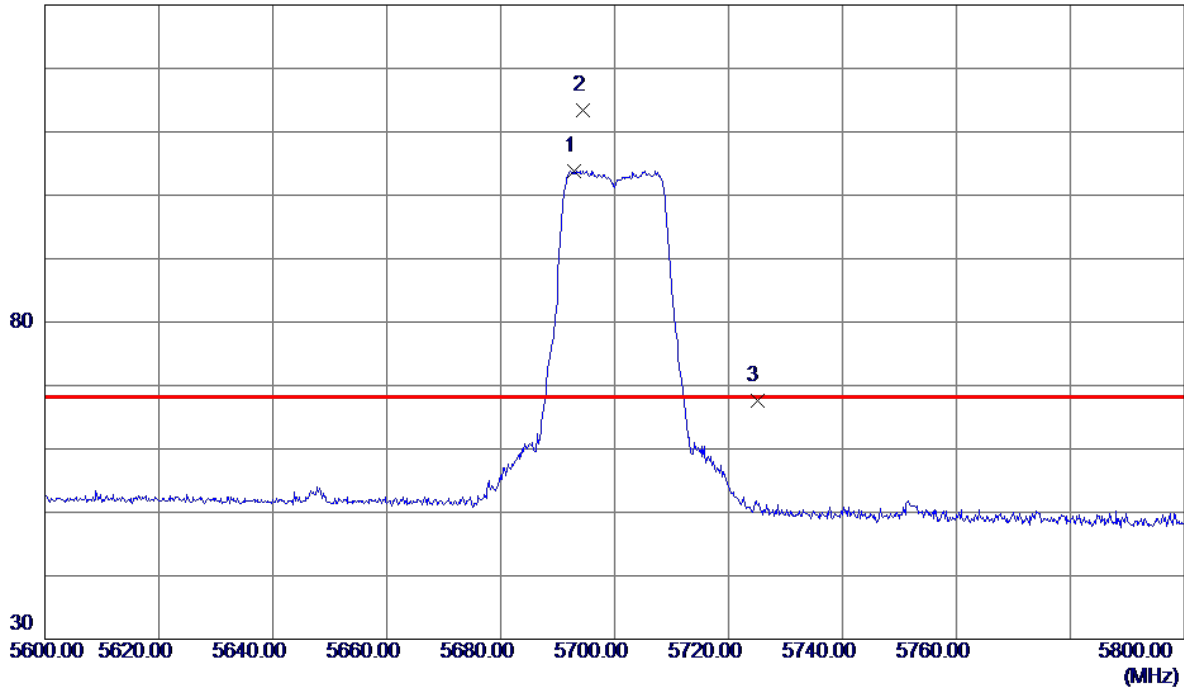


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11158.3300	47.21	-2.24	44.97	74.00	-29.03	Peak	
2 *	11161.0800	36.68	-2.24	34.44	54.00	-19.56	AVG	

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

Vertical

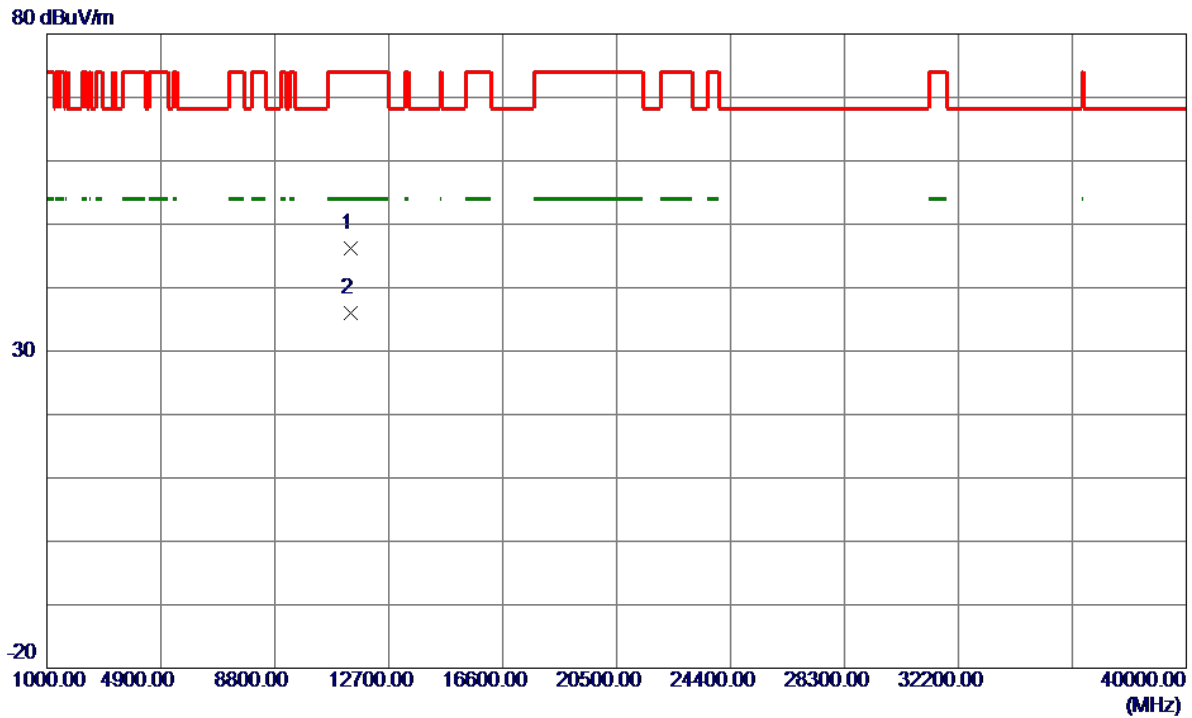
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5692.9000	63.50	40.31	103.81	999.00	-895.19	AVG	No Limit
2 *	5694.5000	73.16	40.31	113.47	68.30	45.17	Peak	No Limit
3	5725.0000	27.18	40.33	67.51	68.30	-0.79	Peak	

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

Vertical

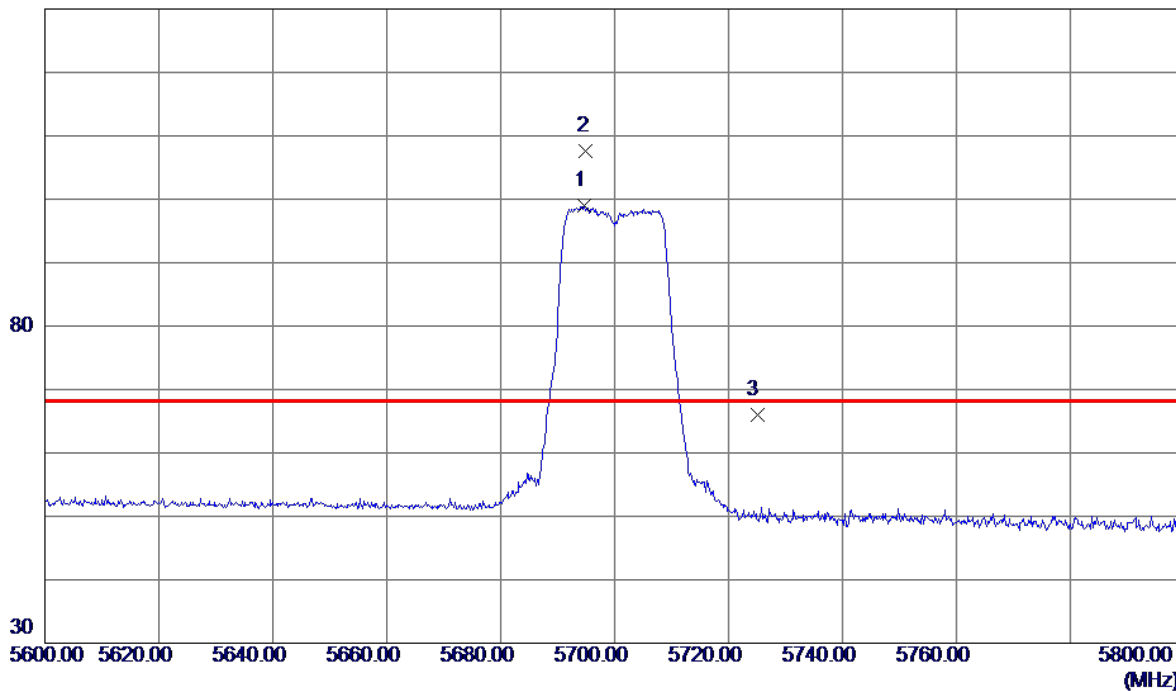


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11401.0500	48.14	-2.01	46.13	74.00	-27.87	Peak	
2 *	11403.8400	37.98	-2.01	35.97	54.00	-18.03	AVG	

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

Horizontal

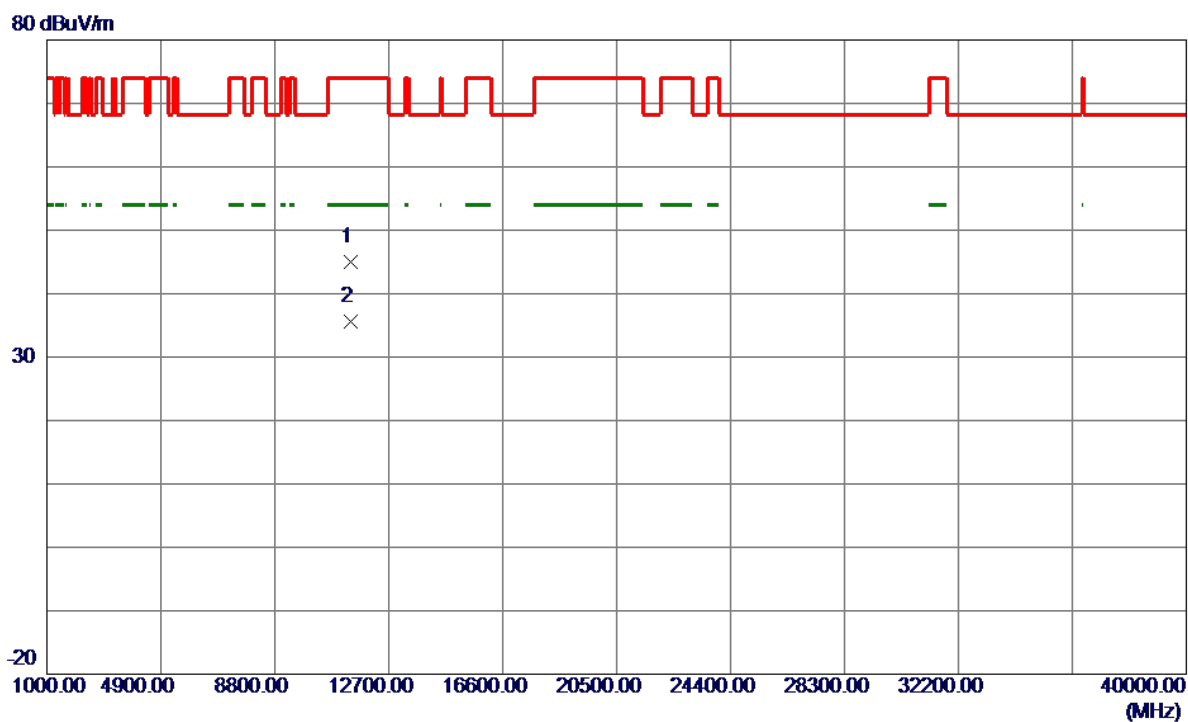
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5694.7000	58.62	40.31	98.93	999.00	-900.07	AVG	No Limit
2 *	5695.0000	67.28	40.31	107.59	68.30	39.29	Peak	No Limit
3	5725.0000	25.66	40.33	65.99	68.30	-2.31	Peak	

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

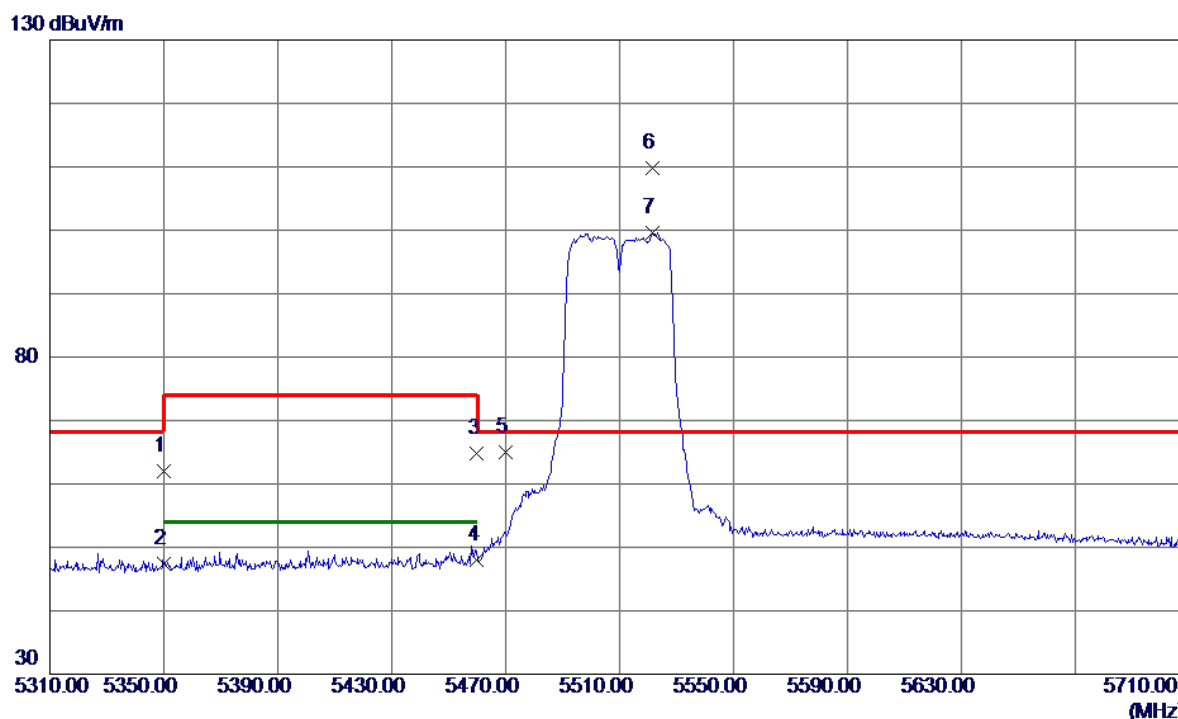
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11401.2500	46.93	-2.01	44.92	74.00	-29.08	Peak	
2 *	11402.0100	37.65	-2.01	35.64	54.00	-18.36	AVG	

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

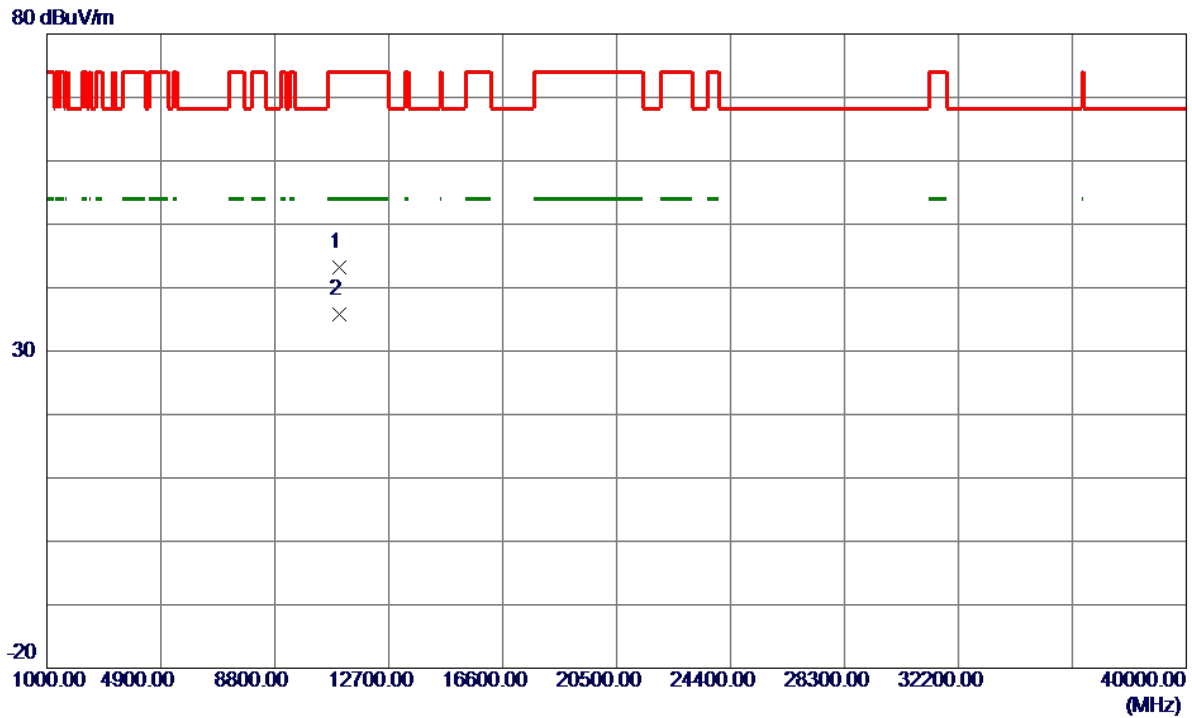
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5350.0000	22.41	39.65	62.06	74.00	-11.94	Peak	
2	5350.0000	7.74	39.65	47.39	999.00	-951.61	AVG	
3	5460.0000	24.70	40.01	64.71	74.00	-9.29	Peak	
4	5460.0000	8.02	40.01	48.03	54.00	-5.97	AVG	
5	5470.0000	24.94	40.04	64.98	68.30	-3.32	Peak	
6 *	5521.6000	69.55	40.16	109.71	68.30	41.41	Peak	No Limit
7	5521.6000	59.41	40.16	99.57	999.00	-899.43	AVG	No Limit

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

Vertical

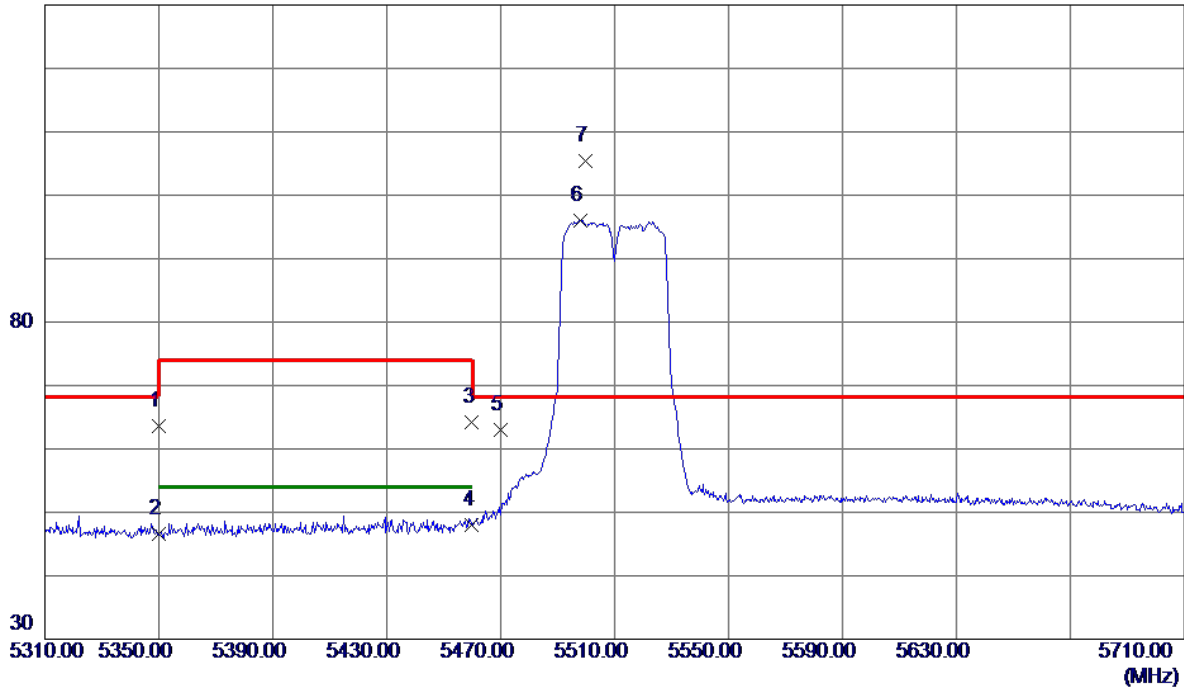


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11022.9400	45.62	-2.37	43.25	74.00	-30.75	Peak	
2 *	11018.4200	38.14	-2.37	35.77	54.00	-18.23	AVG	

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

Horizontal

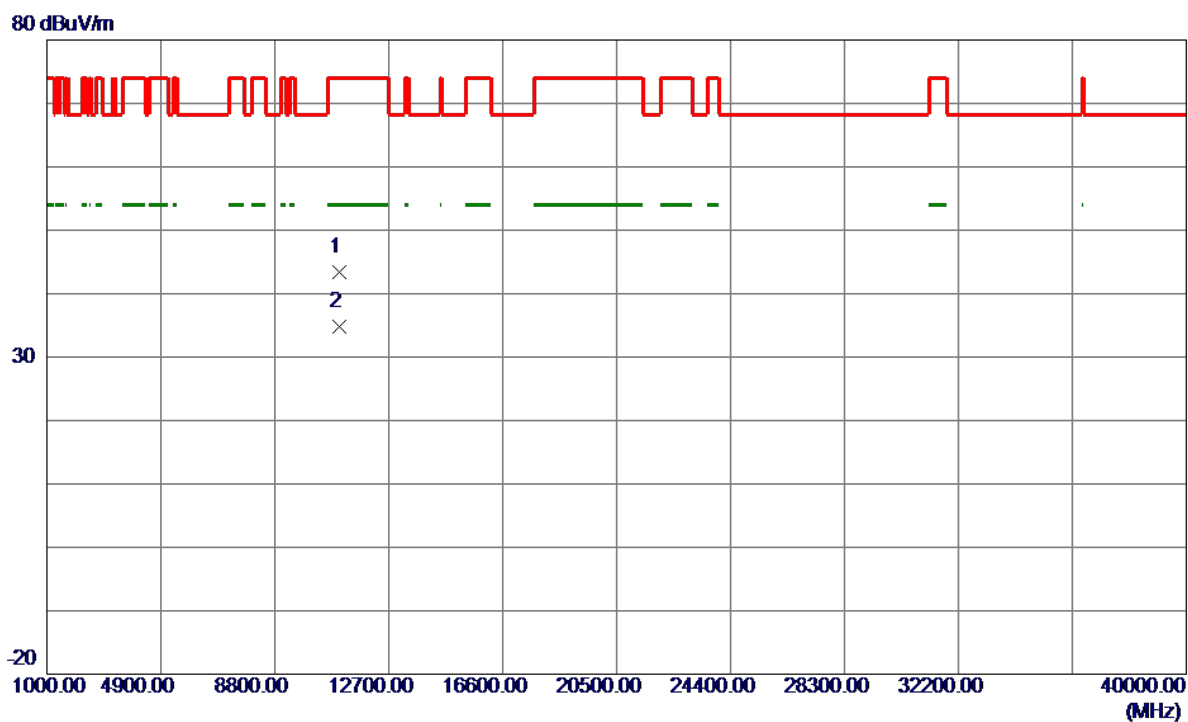
130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5350.0000	23.90	39.65	63.55	74.00	-10.45	Peak	
2	5350.0000	6.93	39.65	46.58	999.00	-952.42	AVG	
3	5460.0000	24.16	40.01	64.17	74.00	-9.83	Peak	
4	5460.0000	7.90	40.01	47.91	54.00	-6.09	AVG	
5	5470.0000	22.91	40.04	62.95	68.30	-5.35	Peak	
6	5498.2000	55.97	40.13	96.10	999.00	-902.90	AVG	No Limit
7 *	5499.6000	65.20	40.14	105.34	68.30	37.04	Peak	No Limit

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

Horizontal

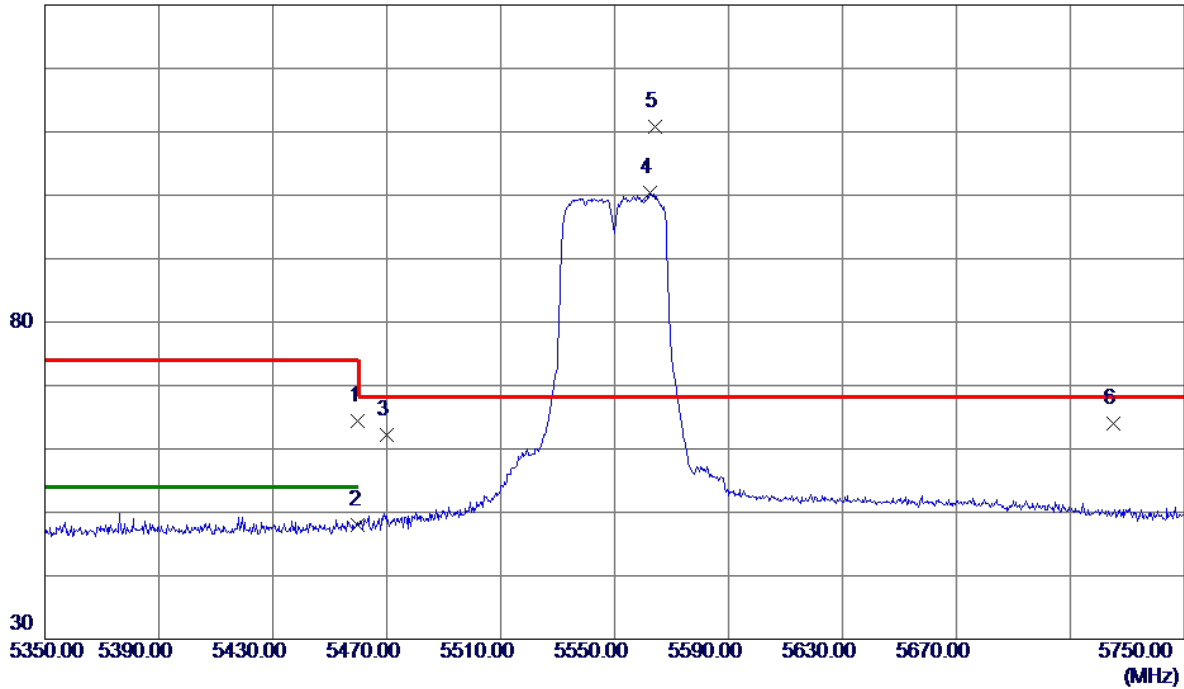


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11023.4100	45.79	-2.37	43.42	74.00	-30.58	Peak	
2 *	11021.9400	37.20	-2.37	34.83	54.00	-19.17	AVG	

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

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	5460.0000	24.41	40.01	64.42	74.00	-9.58	Peak	
2	5460.0000	7.99	40.01	48.00	54.00	-6.00	AVG	
3	5470.0000	22.18	40.04	62.22	68.30	-6.08	Peak	
4	5562.4000	60.28	40.19	100.47	999.00	-898.53	AVG	No Limit
5 *	5564.2000	70.52	40.20	110.72	68.30	42.42	Peak	No Limit
6	5725.0000	23.59	40.33	63.92	68.30	-4.38	Peak	