FCC Radio Test Report

FCC ID: M82-PWS872

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

Project No.	:	1706122
Equipment	:	Computer
Test Model	:	PWS-872
Series Model	:	N/A
Applicant	:	Advantech Co., Ltd.
Address	:	No.1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 11491, Taiwan, R.O.C.

Date of Receipt	:	Jul. 21, 2017
Date of Test	:	Jul. 21, 2017 ~ Sep. 05, 2017
Issued Date	:	Sep. 13, 2017
Tested by	:	BTL Inc.

Testing Engineer : Kenji Lin
(Kenji Lin)

Technical Manager : James Chiu
(James Chiu)

Authorized Signatory : Andy Chiu
(Andy Chiu)

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Testing Laboratory
0659

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1706122	Original Issue.	Sep. 13, 2017

1. CERTIFICATION

Equipment	:	Computer
Brand Name	:	ADVANTECH
Test Model	:	PWS-872
Series Model	:	N/A
Applicant	:	Advantech Co., Ltd.
Manufacturer	:	Advantech Co., Ltd.
Address	:	No.1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 11491, Taiwan, R.O.C.
Factory	:	N/A
Address	:	N/A
Date of Test	:	Jul. 21, 2017 ~ Sep. 05, 2017
Test Sample	:	Production Unit
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-4-1706122) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

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

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)			
Standard(s) Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	
15.407(c)	Automatically Discontinue Transmission	PASS	**NOTE (2)**

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 becom 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:

Conducted emission Test:

C05: (VCCI RN: C-4742; FCC RN:965108; FCC DN:TW1082)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Below 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Above 1 GHz):

CB15: (FCC RN:674415; FCC DN:TW0659)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

2.2 MEASUREMENT UNCERTAINTY

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

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

A. Conducted emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
C05	CISPR	150 kHz ~ 30MHz	2.68

B. Radiated emission test:

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (3m)	CISPR	9kHz ~ 150kHz	2.82
		150kHz ~ 30MHz	2.58

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	30MHz ~ 200MHz	V	4.20
		30MHz ~ 200MHz	H	3.64
		200MHz ~ 1,000MHz	V	4.56
		200MHz ~ 1,000MHz	H	3.90

Test Site	Method	Measurement Frequency Range	Ant.	U,(dB)
CB15 (3m)	CISPR	1GHz ~ 6GHz	V	4.46
		1GHz ~ 6GHz	H	4.40
		6GHz ~ 18GHz	V	3.88
		6GHz ~ 18GHz	H	4.00

Test Site	Method	Measurement Frequency Range	U,(dB)
CB15 (1m)	CISPR	18 ~ 26.5 GHz	4.62
		26.5 ~ 40 GHz	5.12

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above.
These are our U_{lab} values in CISPR 16-4-2 terminology.
Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz: 3.6 dB
Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz: 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR}.
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	Computer	
Brand Name	ADVANTECH	
Test Model	PWS-872	
Series Model	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-2A: 5250-5350MHz UNII-2C: 5470-5725MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	150Mbps
Output Power	Output Power (Max.)for UNII-1 (2TX)	802.11a: 14.82dBm 802.11n (20M): 14.65dBm 802.11n (40M): 14.90dBm 802.11ac (80M): 15.31dBm
	Output Power (Max.)for UNII-2A (2TX)	802.11a: 15.09dBm 802.11n (20M): 15.06dBm 802.11n (40M): 15.15dBm 802.11ac (80M): 15.78dBm
	Output Power (Max.)for UNII-2C (2TX)	802.11a: 14.77dBm 802.11n (20M): 14.69dBm 802.11n (40M): 14.88dBm 802.11ac (80M): 15.49dBm
	Output Power (Max.)for UNII-3 (2TX)	802.11a: 17.14dBm 802.11n (20M): 17.19dBm 802.11n (40M): 17.48dBm 802.11ac (80M): 17.00dBm
Power Source	DC voltage supplied from External Power Supply.	
Power Rating	EUT Rating: I/P: 19VDC, 3.42A External Power Supply (FSP/FSP065-REBN2): I/P: 100-240VAC, 50-60Hz, 1.5A O/P: 19Vdc, 3.42A	
Products Covered	1 * CPU: Intel / I7-6600U 2.8GHz 1 * Mother Board: Advantech / PWS-872 A101 1 * 10.1” LCD Display: AUO / AUO G101EVN01.0 1 * SSD: Advantech / SQF-SMSM4-64G-S9C / 64GB 1 * WLAN + BT: Enli / NFA364A 1 * External Power Supply: FSP / FSP065-REBN2	

Note:

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

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

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

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

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	An jie	AJDP1J-B0026	PIFA	I-PEX_IV	1.89	Band 1
					1.9	Band 2
					3.44	Band 3
					3.44	Band 4
2	An jie	AJDP1J-C0013	PIFA	I-PEX_IV	2.43	Band 1
					3.32	Band 2
					2.77	Band 3
					2.66	Band 4

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R) and employs Cyclic Delay Diversity (CDD).

In CDD mode,

5180 MHz 至 5240 MHz :

For power spectral density:

Directional gain =

10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 5.18 dBi < 6dBi.

For conducted power:

For N_{ANT} = 2 < 5,

Direction gain (dBi) = G_{ANT} + 0 = 2.43 + 0 = 2.43

The Direction gain is less than 6, so conducted power limits will not be reduced.

5260 MHz 至 5320 MHz :

For power spectral density:

Directional gain =

10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 5.68 dBi < 6dBi.

For conducted power:

For N_{ANT} = 2 < 5,

Direction gain (dBi) = G_{ANT} + 0 = 3.32 + 0 = 3.32

The Direction gain is less than 6, so conducted power limits will not be reduced.

5500 MHz 至 5700 MHz :

For power spectral density:

Directional gain =

10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.13 dBi > 6dBi.

The reduced power spectral density limits (dBm/MHz) = 11 - (6.13-6) = 10.87

For conducted power:

For NANT = 2 < 5,

Direction gain (dBi) = GANT + 0 = 3.44 + 0 = 3.44

The Direction gain is less than 6, so conducted power limits will not be reduced.

5745 MHz 至 5825 MHz :
For power spectral density:
Directional gain =
10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 6.08 dBi > 6dBi.
The reduced power spectral density limits (dBm/MHz) = 30 - (6.08-6) = 29.2

For conducted power:
For N_{ANT} = 2 < 5,
Direction gain (dBi) = G_{ANT} + 0 = 3.44 + 0 = 3.44
The Direction gain is less than 6, so conducted power limits will not be reduced.

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

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 AC80 Mode / CH42 (UNII-1)
Mode 5	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 8	TX AC80 Mode / CH58 (UNII-2A)
Mode 9	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 10	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 13	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 14	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 15	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 16	TX AC80 Mode / CH155 (UNII-3)
Mode 17	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 17	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 AC80 Mode / CH42 (UNII-1)
Mode 5	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 7	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 8	TX AC80 Mode / CH58 (UNII-2A)
Mode 9	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 10	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 11	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 12	TX AC80 Mode / CH106, CH122 (UNII-2C)
Mode 13	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 14	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 15	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 16	TX AC80 Mode / CH155 (UNII-3)

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

UNII-1 - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	11	11	11
Frequency (MHz)	5180	5200	5240
N20 Mode	11	11	11
Frequency (MHz)	5190	5230	
N40 Mode	11	11	

UNII-2A - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5260	5300	5320
A Mode	11	10	10
Frequency (MHz)	5260	5300	5320
N20 Mode	11	10	10
Frequency (MHz)	5270	5310	
N40 Mode	11	10	

UNII-2C - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5500	5580	5700
A Mode	9.5	10	10.5
Frequency (MHz)	5500	5580	5700
N20 Mode	9.5	10	10.5
Frequency (MHz)	5510	5550	5670
N40 Mode	9.5	9.5	10

UNII-3 - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
A Mode	12	12	12
Frequency (MHz)	5745	5785	5825
N20 Mode	12	12	12
Frequency (MHz)	5755	5795	
N40 Mode	12	12	

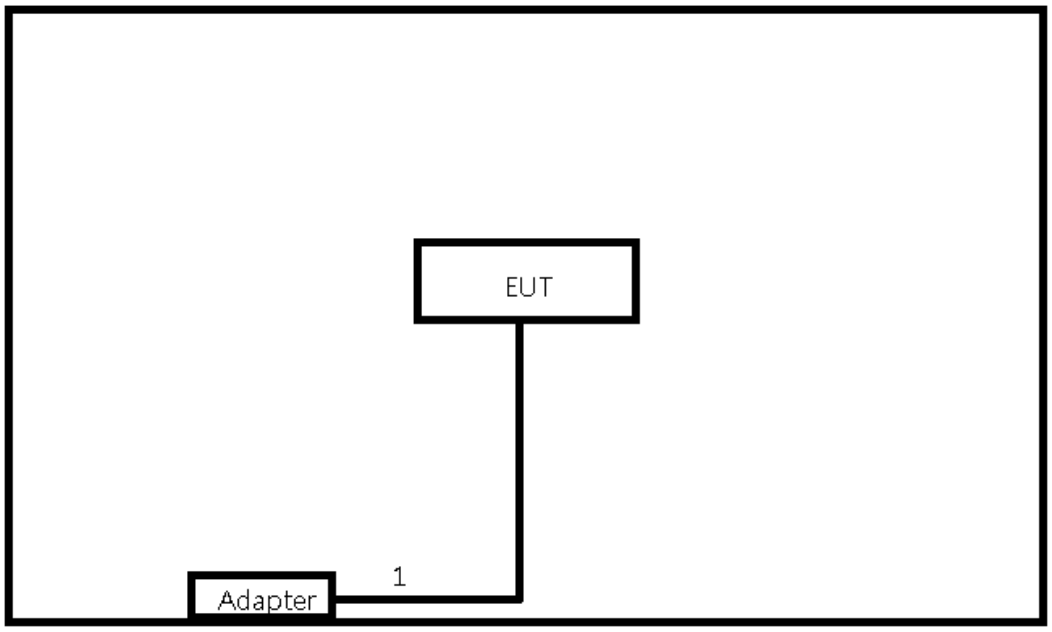
UNII-1 - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5210		
AC80 Mode	10.5		

UNII-2A - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5290		
AC80 Mode	10.5		

UNII-2C - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5530	5610	
AC80 Mode	9.5	10	

UNII-3 - 2TX			
Test Software Version	QRCT		
Frequency (MHz)	5775		
AC80 Mode	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	YES	YES	1.5m	Power Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

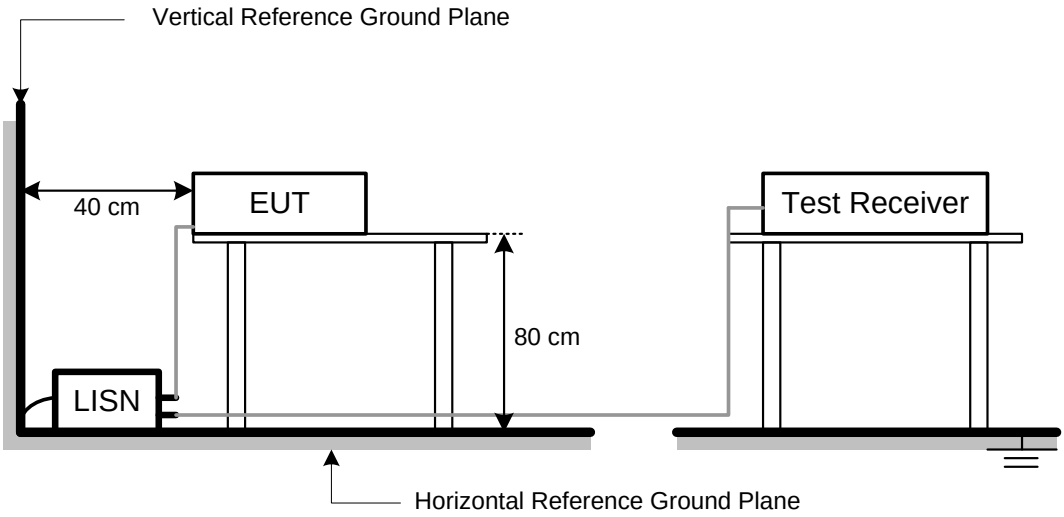
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Appendix A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

Note:

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

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

4.2.2 TEST PROCEDURE

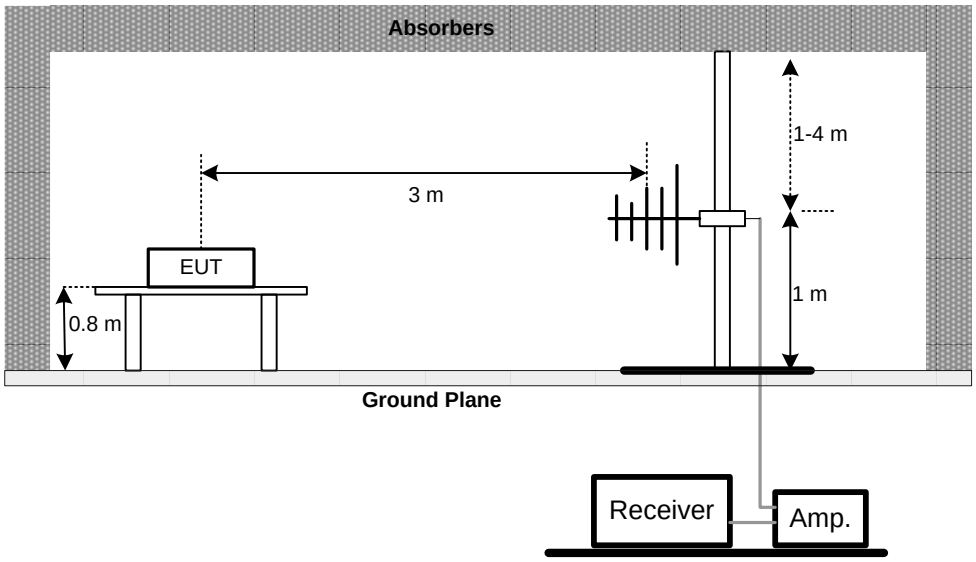
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

No deviation

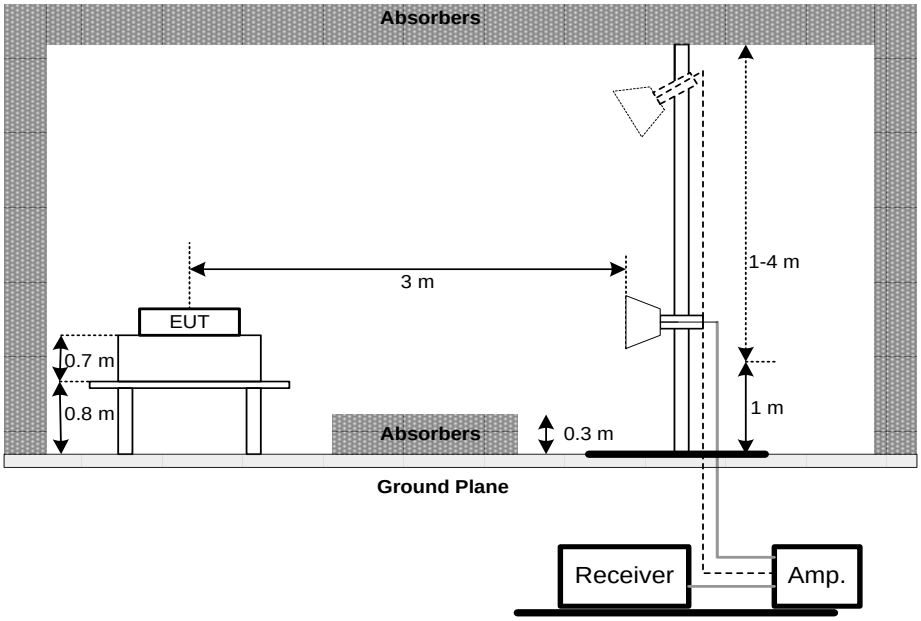
4.2.4 TEST SETUP

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

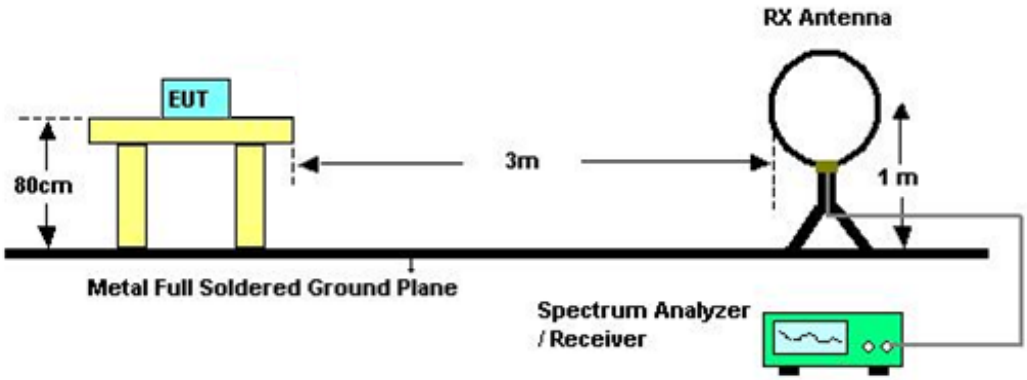


(B) Radiated Emission Test Set-Up Frequency Above 1 GHz

Band edge



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

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

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

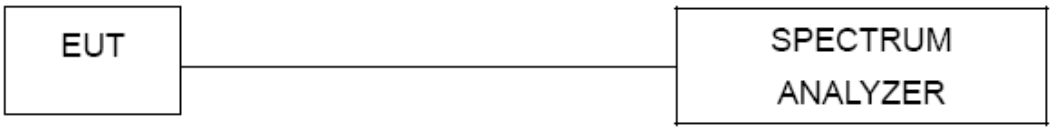
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz) 1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz) 3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

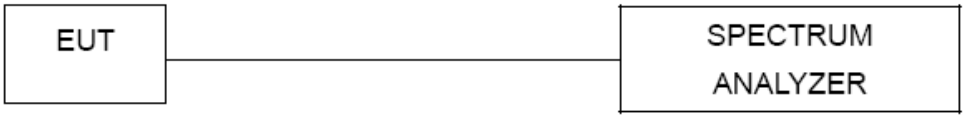
Note:

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

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

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

7.1.4 EUT TEST CONDITIONS

Temperature: 23°C Relative Humidity: 70% Test Voltage: AC 120V/60Hz

7.1.5 TEST RESULTS

Please refer to the Appendix H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

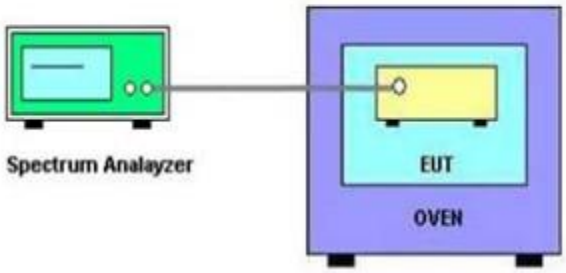
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -20°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Appendix I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Jan. 25, 2018
2	Test Cable	TIMES	CFD300-NL	C02	Jun. 14, 2018
3	EMI Test Receiver	R&S	ESR7	101433	Dec. 09, 2017
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Preamplifier	EMCI	012645B	980267	Feb. 28, 2018
2	Preamplifier	EMCI	EMC02325	980217	Dec. 29, 2018
3	Preamplifier	EMCI	EMC2654045	980030	Feb. 14, 2018
4	Test Cable	EMCI	EMC104-SM-SM-8000	8m	Jan. 04, 2018
5	Test Cable	EMCI	EMC104-SM-SM-800	150207	Jan. 04, 2018
6	Test Cable	EMCI	EEMC104-SM-SM-3000	151205	Jan. 04, 2018
7	MXE EMI Receiver	Agilent	N9038A	MY55420127	Jan. 09, 2018
8	Signal Analyzer	Agilent	N9010A	MY52220990	Feb. 22, 2018
9	Loop Ant	EMCO	6502	42960	Nov. 24, 2017
10	Horm Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	Feb. 28, 2018
11	Horm Ant	Schwarzbeck	BBHA 9170	187	Dec. 07, 2017
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-548	Jan. 16, 2018
13	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0623	Jan. 16, 2018

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY51160196	Jul. 27, 2017

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Anritsu	ML2495A	1128008	Aug. 17, 2018
2	Power Sensor	Anritsu	MA2411B	1126001	Aug. 17, 2018

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018

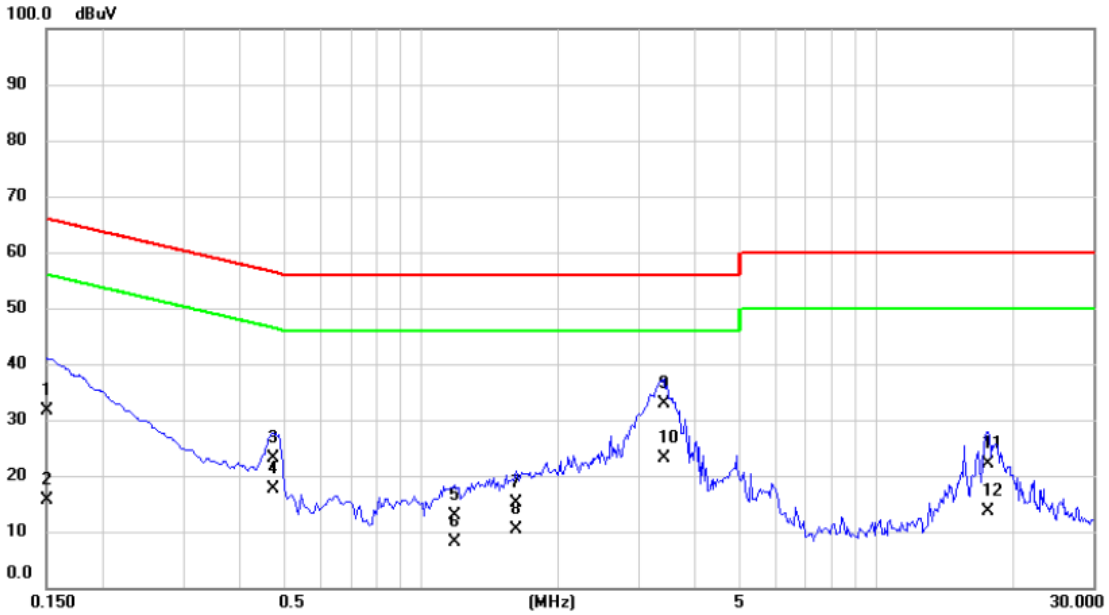
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	R&S/FSP30	100854	May 25, 2018

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

APPENDIX A - CONDUCTED EMISSION

Test Mode:	UNII-1/TX Mode

Line

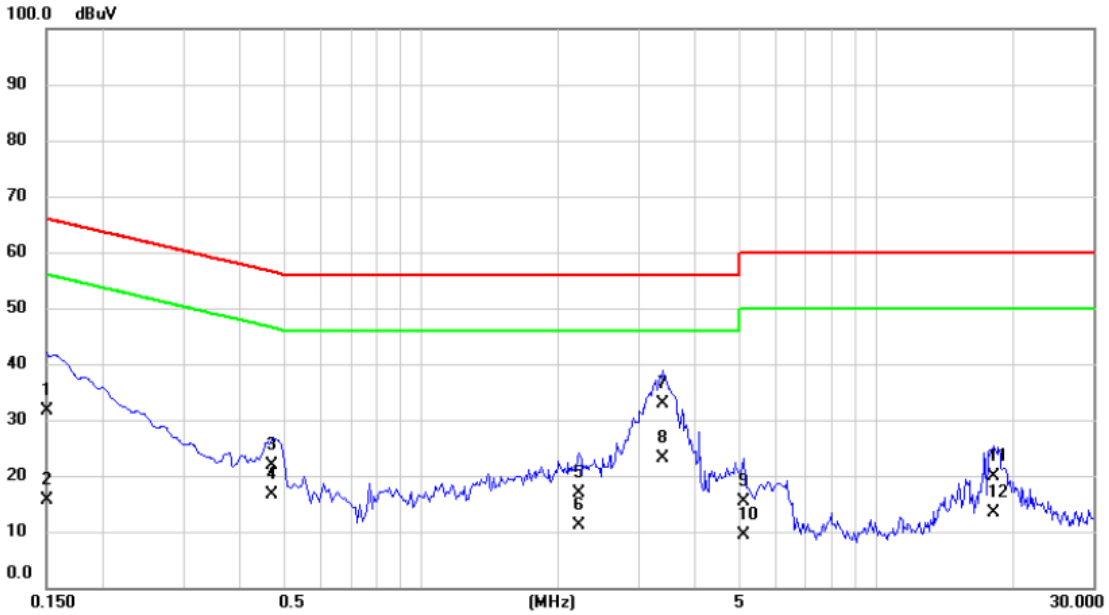


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.60	-0.01	31.59	66.00	-34.41	QP	
2		0.1500	15.70	-0.01	15.69	56.00	-40.31	AVG	
3		0.4720	23.00	0.03	23.03	56.48	-33.45	QP	
4		0.4720	17.70	0.03	17.73	46.48	-28.75	AVG	
5		1.1840	12.90	0.03	12.93	56.00	-43.07	QP	
6		1.1840	8.20	0.03	8.23	46.00	-37.77	AVG	
7		1.6160	15.20	0.04	15.24	56.00	-40.76	QP	
8		1.6160	10.30	0.04	10.34	46.00	-35.66	AVG	
9		3.4068	32.70	0.07	32.77	56.00	-23.23	QP	
10	*	3.4068	23.00	0.07	23.07	46.00	-22.93	AVG	
11		17.5500	21.90	0.23	22.13	60.00	-37.87	QP	
12		17.5500	13.40	0.23	13.63	50.00	-36.37	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-1/TX Mode

Neutral

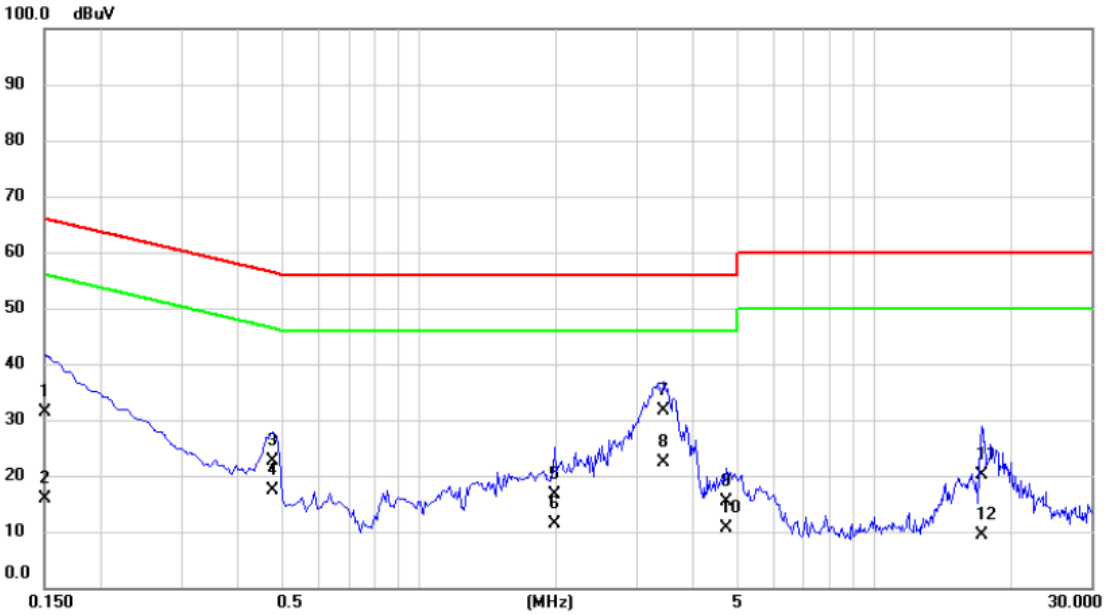


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.60	-0.01	31.59	66.00	-34.41	QP	
2		0.1500	15.70	-0.01	15.69	56.00	-40.31	AVG	
3		0.4706	21.80	0.03	21.83	56.50	-34.67	QP	
4		0.4706	16.60	0.03	16.63	46.50	-29.87	AVG	
5		2.2280	16.90	0.04	16.94	56.00	-39.06	QP	
6		2.2280	11.00	0.04	11.04	46.00	-34.96	AVG	
7		3.3890	32.70	0.07	32.77	56.00	-23.23	QP	
8	*	3.3890	23.00	0.07	23.07	46.00	-22.93	AVG	
9		5.1000	15.20	0.09	15.29	60.00	-44.71	QP	
10		5.1000	9.40	0.09	9.49	50.00	-40.51	AVG	
11		18.0500	19.60	0.23	19.83	60.00	-40.17	QP	
12		18.0500	13.20	0.23	13.43	50.00	-36.57	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode

Line

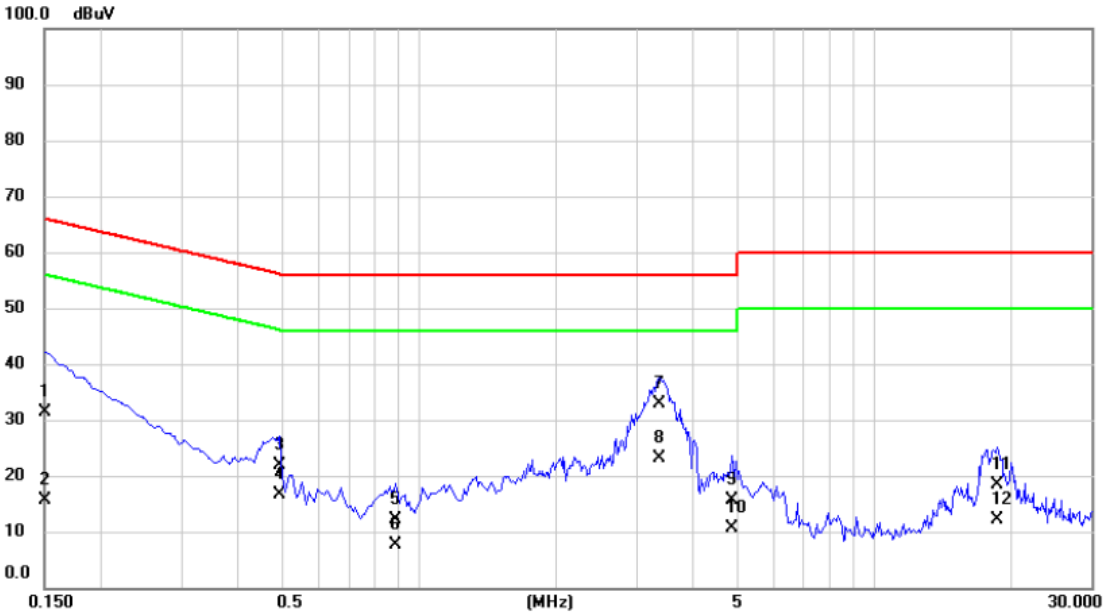


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.50	-0.01	31.49	66.00	-34.51	QP	
2		0.1500	15.80	-0.01	15.79	56.00	-40.21	AVG	
3		0.4748	22.50	0.03	22.53	56.43	-33.90	QP	
4		0.4748	17.30	0.03	17.33	46.43	-29.10	AVG	
5		1.9850	16.70	0.04	16.74	56.00	-39.26	QP	
6		1.9850	11.40	0.04	11.44	46.00	-34.56	AVG	
7		3.4520	31.50	0.07	31.57	56.00	-24.43	QP	
8	*	3.4520	22.40	0.07	22.47	46.00	-23.53	AVG	
9		4.7390	15.20	0.09	15.29	56.00	-40.71	QP	
10		4.7390	10.50	0.09	10.59	46.00	-35.41	AVG	
11		17.2500	19.80	0.22	20.02	60.00	-39.98	QP	
12		17.2500	9.20	0.22	9.42	50.00	-40.58	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2A/TX Mode

Neutral

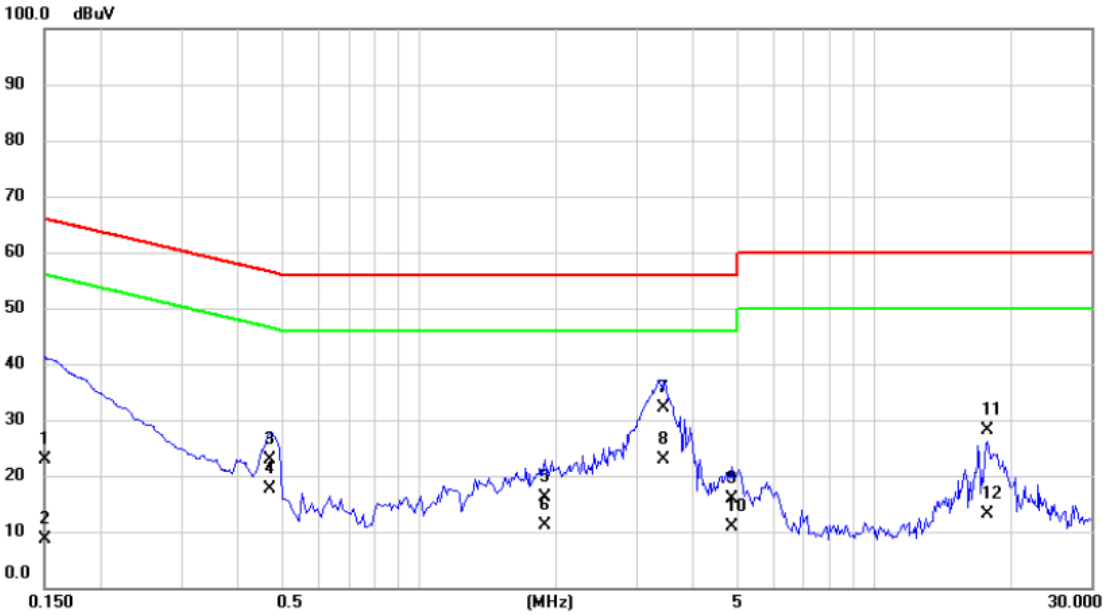


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.40	-0.01	31.39	66.00	-34.61	QP	
2		0.1500	15.62	-0.01	15.61	56.00	-40.39	AVG	
3		0.4930	21.90	0.03	21.93	56.12	-34.19	QP	
4		0.4930	16.60	0.03	16.63	46.12	-29.49	AVG	
5		0.8870	12.20	0.03	12.23	56.00	-43.77	QP	
6		0.8870	7.70	0.03	7.73	46.00	-38.27	AVG	
7		3.3710	32.90	0.07	32.97	56.00	-23.03	QP	
8	*	3.3710	23.00	0.07	23.07	46.00	-22.93	AVG	
9		4.8740	15.60	0.09	15.69	56.00	-40.31	QP	
10		4.8740	10.50	0.09	10.59	46.00	-35.41	AVG	
11		18.6500	18.10	0.23	18.33	60.00	-41.67	QP	
12		18.6500	12.00	0.23	12.23	50.00	-37.77	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode

Line

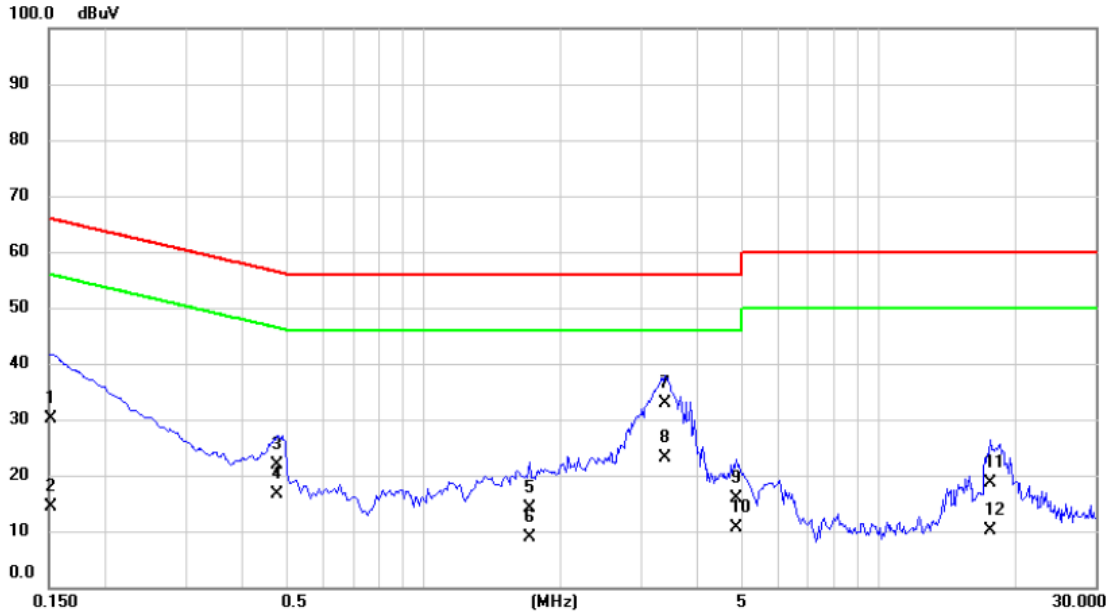


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	22.80	-0.01	22.79	66.00	-43.21	QP	
2		0.1500	8.70	-0.01	8.69	56.00	-47.31	AVG	
3		0.4685	22.90	0.03	22.93	56.54	-33.61	QP	
4		0.4685	17.70	0.03	17.73	46.54	-28.81	AVG	
5		1.8860	16.20	0.04	16.24	56.00	-39.76	QP	
6		1.8860	11.20	0.04	11.24	46.00	-34.76	AVG	
7		3.4520	32.00	0.07	32.07	56.00	-23.93	QP	
8	*	3.4520	22.80	0.07	22.87	46.00	-23.13	AVG	
9		4.8560	15.70	0.09	15.79	56.00	-40.21	QP	
10		4.8560	10.90	0.09	10.99	46.00	-35.01	AVG	
11		17.7000	28.00	0.23	28.23	60.00	-31.77	QP	
12		17.7000	13.00	0.23	13.23	50.00	-36.77	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-2C/TX Mode

Neutral

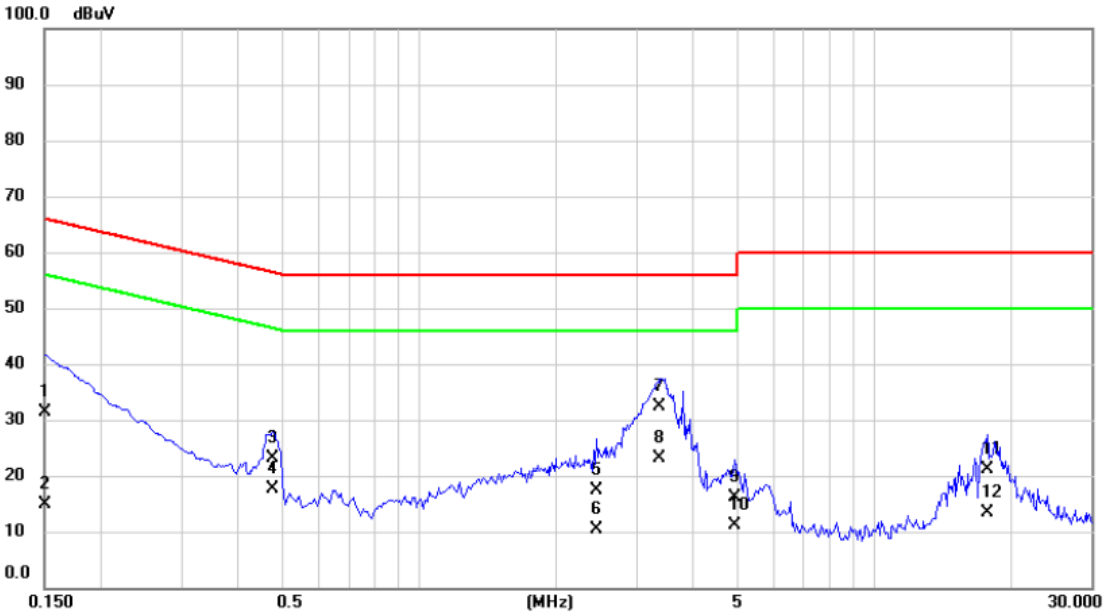


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1514	30.20	-0.01	30.19	65.92	-35.73	QP	
2		0.1514	14.30	-0.01	14.29	55.92	-41.63	AVG	
3		0.4776	21.80	0.03	21.83	56.38	-34.55	QP	
4		0.4776	16.70	0.03	16.73	46.38	-29.65	AVG	
5		1.7060	14.20	0.04	14.24	56.00	-41.76	QP	
6		1.7060	8.80	0.04	8.84	46.00	-37.16	AVG	
7		3.3890	32.70	0.07	32.77	56.00	-23.23	QP	
8	*	3.3890	23.00	0.07	23.07	46.00	-22.93	AVG	
9		4.8650	15.70	0.09	15.79	56.00	-40.21	QP	
10		4.8650	10.50	0.09	10.59	46.00	-35.41	AVG	
11		17.6500	18.50	0.23	18.73	60.00	-41.27	QP	
12		17.6500	10.00	0.23	10.23	50.00	-39.77	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode

Line

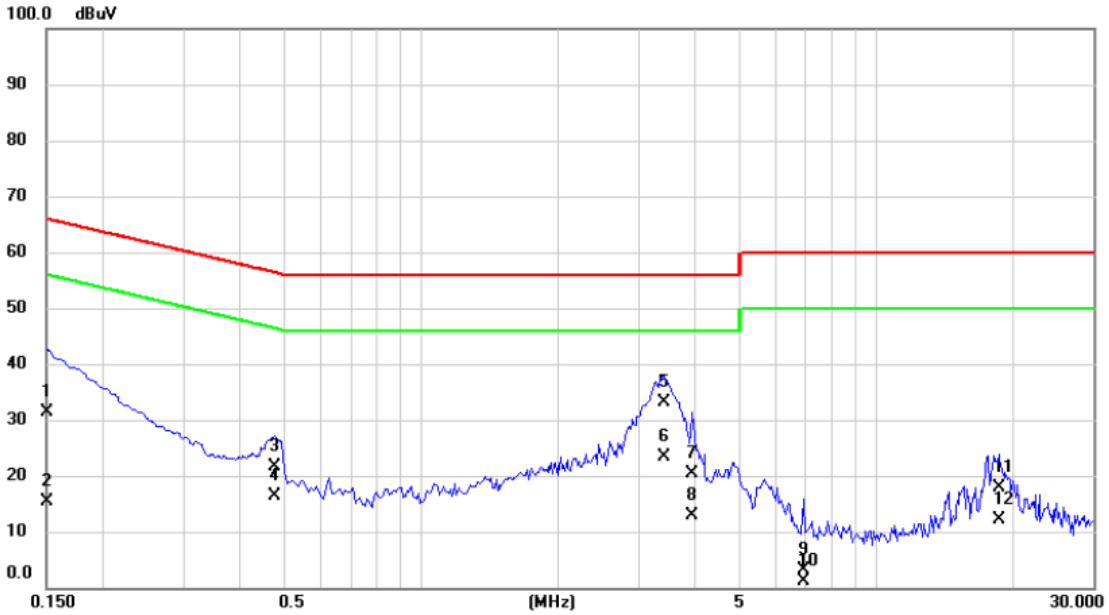


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.30	-0.01	31.29	66.00	-34.71	QP	
2		0.1500	14.90	-0.01	14.89	56.00	-41.11	AVG	
3		0.4770	23.00	0.03	23.03	56.39	-33.36	QP	
4		0.4770	17.70	0.03	17.73	46.39	-28.66	AVG	
5		2.4530	17.30	0.05	17.35	56.00	-38.65	QP	
6		2.4530	10.40	0.05	10.45	46.00	-35.55	AVG	
7		3.3800	32.40	0.07	32.47	56.00	-23.53	QP	
8	*	3.3800	23.00	0.07	23.07	46.00	-22.93	AVG	
9		4.9370	16.00	0.09	16.09	56.00	-39.91	QP	
10		4.9370	11.10	0.09	11.19	46.00	-34.81	AVG	
11		17.7500	20.90	0.23	21.13	60.00	-38.87	QP	
12		17.7500	13.10	0.23	13.33	50.00	-36.67	AVG	

Note：The test result has included the cable loss.

Test Mode:	UNII-3/TX Mode

Neutral



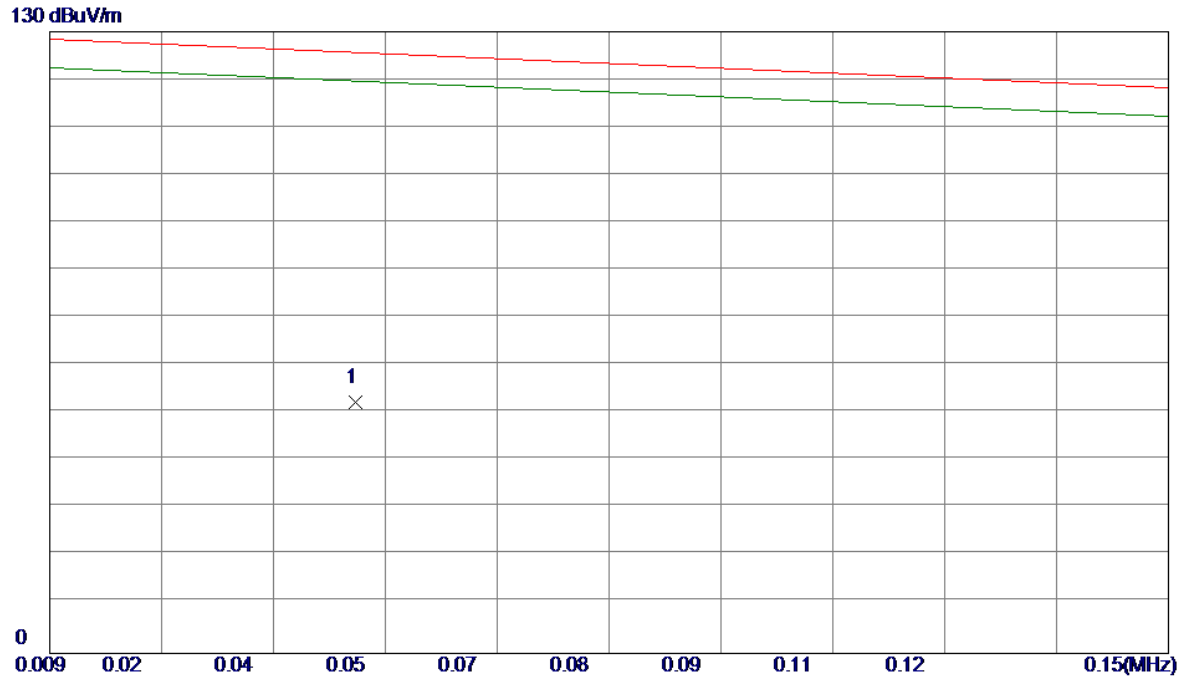
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.40	-0.01	31.39	66.00	-34.61	QP	
2		0.1500	15.50	-0.01	15.49	56.00	-40.51	AVG	
3		0.4770	21.60	0.03	21.63	56.39	-34.76	QP	
4		0.4770	16.30	0.03	16.33	46.39	-30.06	AVG	
5		3.4070	33.10	0.07	33.17	56.00	-22.83	QP	
6	*	3.4070	23.30	0.07	23.37	46.00	-22.63	AVG	
7		3.9470	20.40	0.07	20.47	56.00	-35.53	QP	
8		3.9470	12.80	0.07	12.87	46.00	-33.13	AVG	
9		6.9500	3.00	0.14	3.14	60.00	-56.86	QP	
10		6.9500	0.90	0.14	1.04	50.00	-48.96	AVG	
11		18.6000	17.70	0.23	17.93	60.00	-42.07	QP	
12		18.6000	11.80	0.23	12.03	50.00	-37.97	AVG	

Note：The test result has included the cable loss.

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

Test Mode:	UNII-1/TX Mode

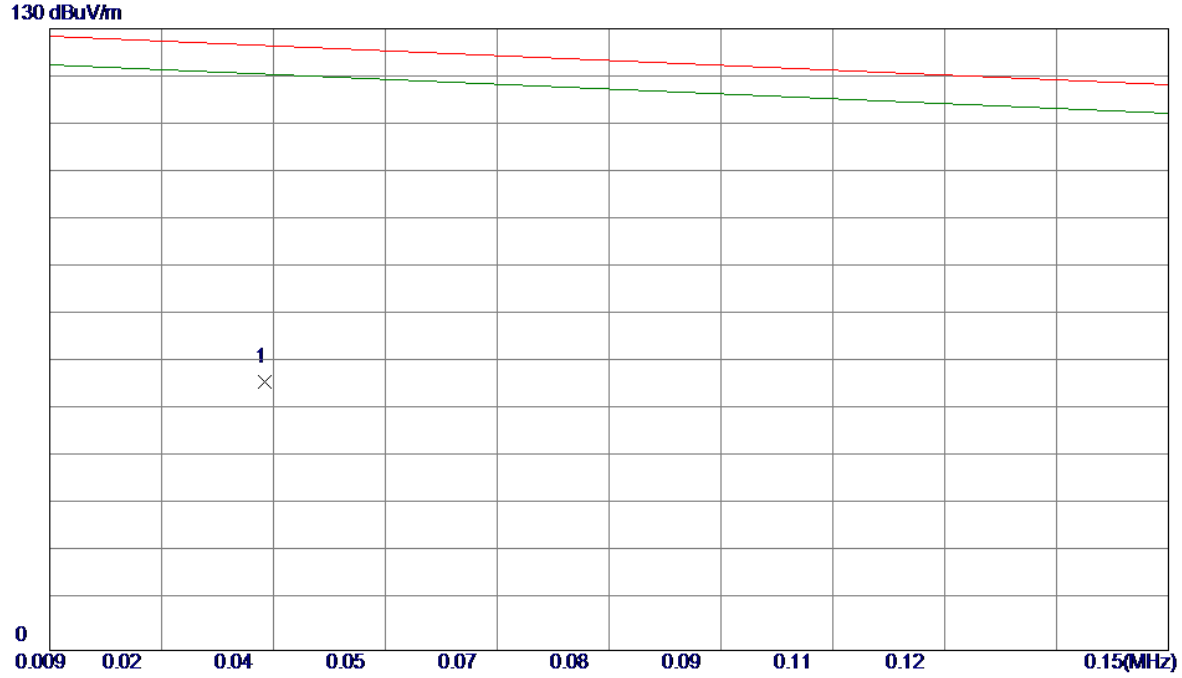
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0476	39.18	13.24	52.42	125.73	-73.31	Peak	

Test Mode:	UNII-1/TX Mode

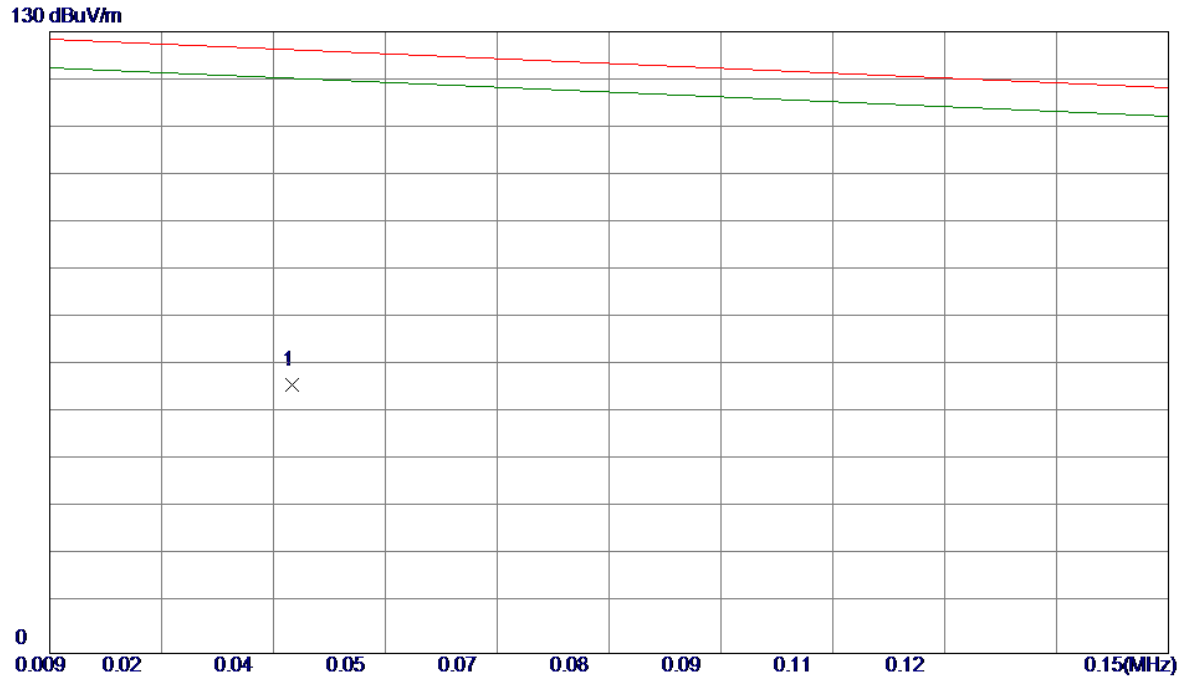
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0361	41.66	14.38	56.04	126.56	-70.52	Peak	

Test Mode:	UNII-1/TX Mode

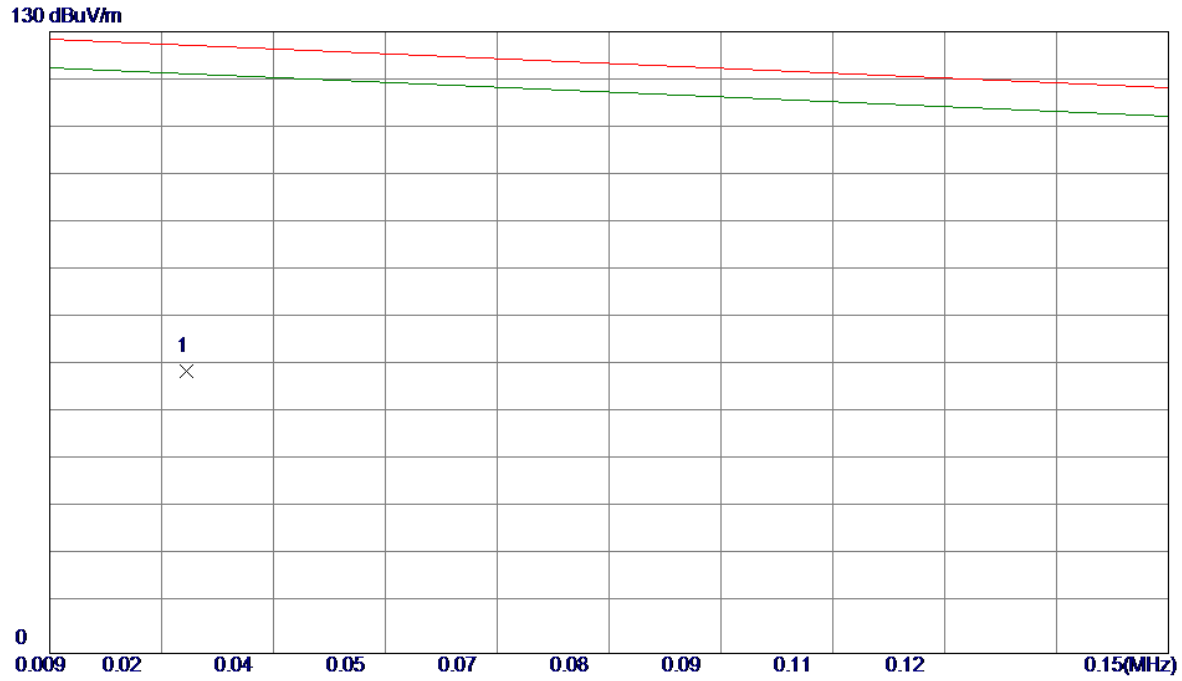
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0395	42.03	14.04	56.07	126.31	-70.24	Peak	

Test Mode:	UNII-1/TX Mode

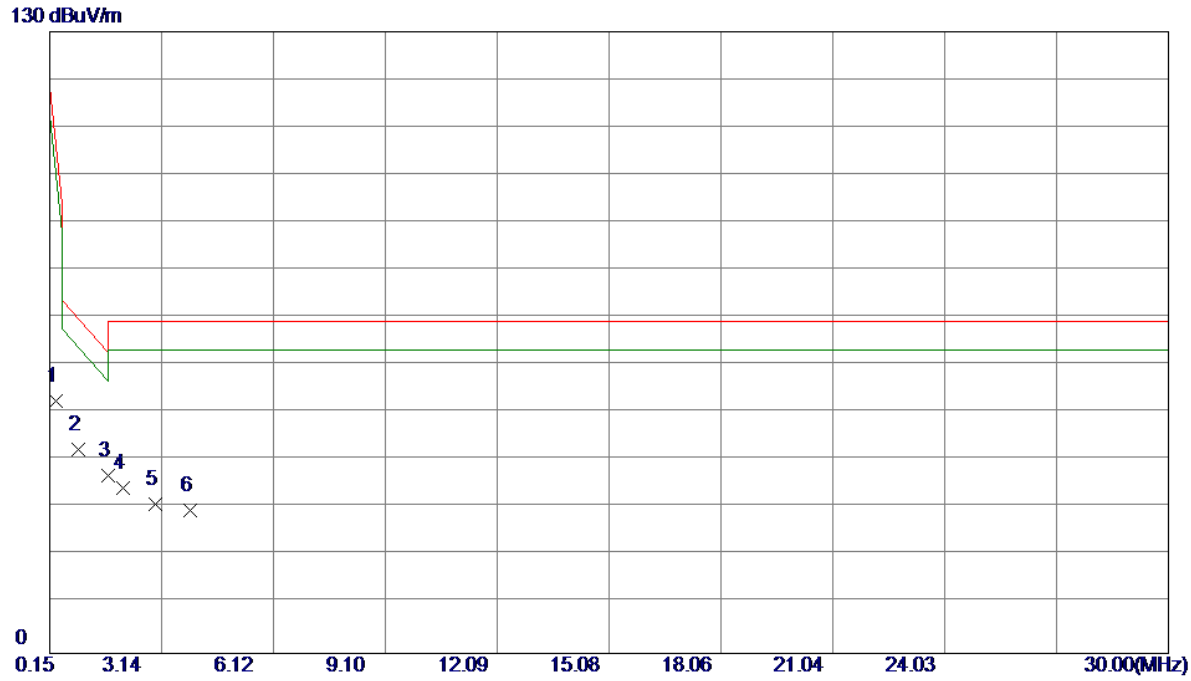
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0263	43.11	15.99	59.10	127.26	-68.16	Peak	

Test Mode:	UNII-2A/TX Mode

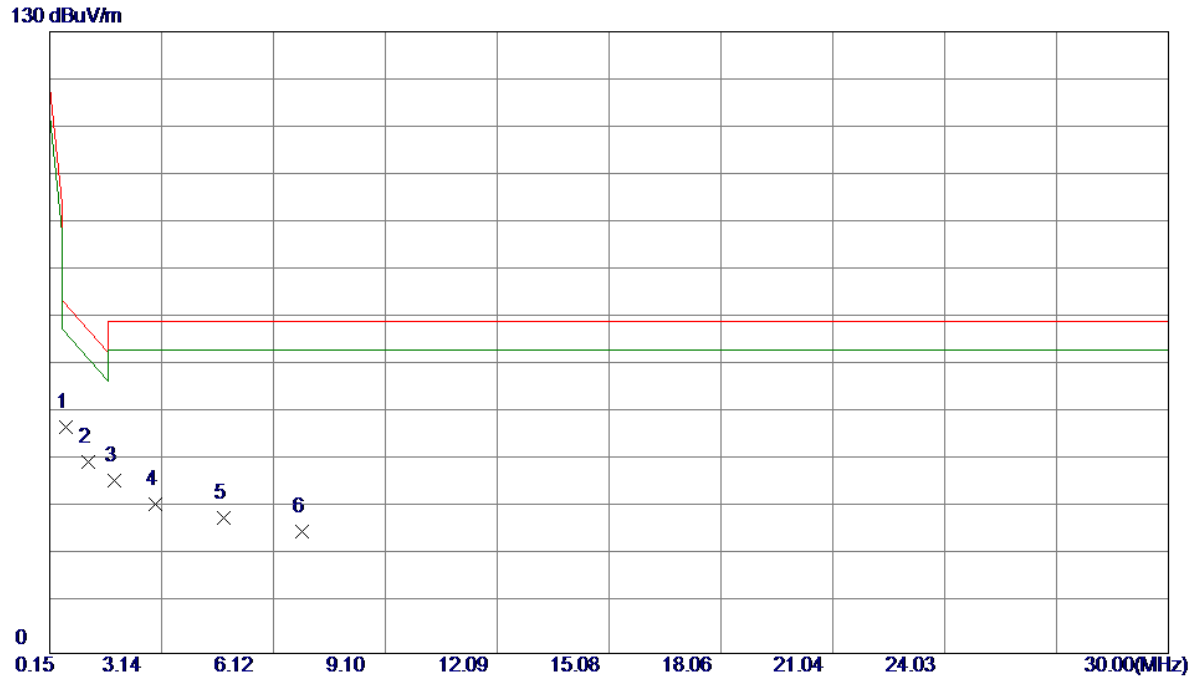
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.3291	40.93	11.80	52.73	105.41	-52.68	Peak	
2	0.9261	30.79	11.97	42.76	69.91	-27.15	Peak	
3 *	1.7020	25.41	11.68	37.09	63.00	-25.91	Peak	
4	2.1199	23.06	11.50	34.56	69.54	-34.98	Peak	
5	2.9560	20.15	11.12	31.27	69.54	-38.27	Peak	
6	3.9110	18.67	11.24	29.91	69.54	-39.63	Peak	

Test Mode:	UNII-2A/TX Mode

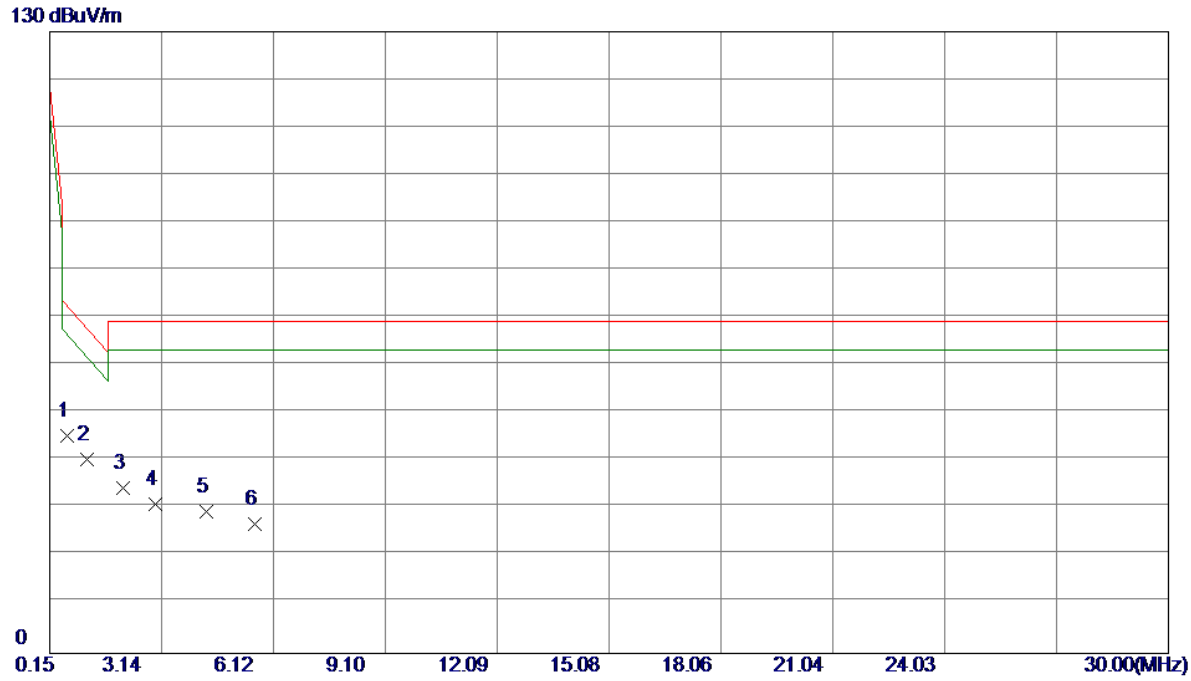
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.5675	35.40	11.83	47.23	73.11	-25.88	Peak	
2	1.1650	28.03	11.93	39.96	67.78	-27.82	Peak	
3	1.8810	24.44	11.60	36.04	69.54	-33.50	Peak	
4	2.9560	20.15	11.12	31.27	69.54	-38.27	Peak	
5	4.8066	16.98	11.37	28.35	69.54	-41.19	Peak	
6	6.8960	14.14	11.36	25.50	69.54	-44.04	Peak	

Test Mode:	UNII-2A/TX Mode

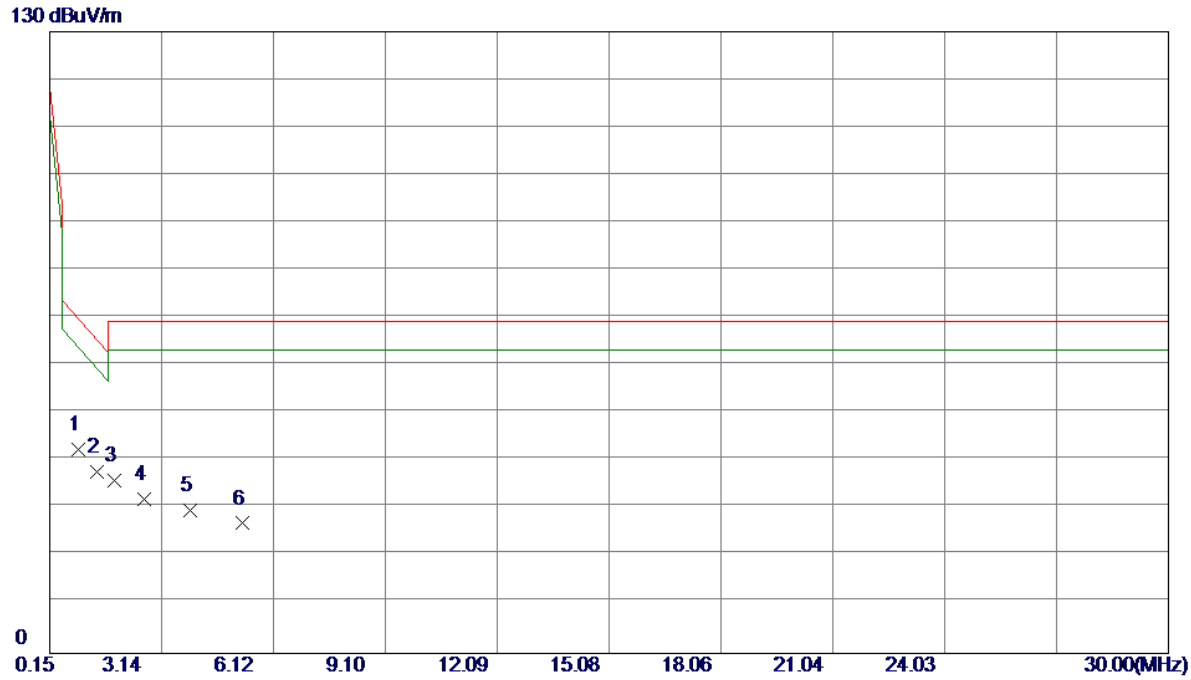
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.6276	33.55	11.85	45.40	72.57	-27.17	Peak	
2	1.1350	28.52	11.94	40.46	68.05	-27.59	Peak	
3	2.1199	23.06	11.50	34.56	69.54	-34.98	Peak	
4	2.9560	20.15	11.12	31.27	69.54	-38.27	Peak	
5	4.3290	18.38	11.30	29.68	69.54	-39.86	Peak	
6	5.6124	15.64	11.39	27.03	69.54	-42.51	Peak	

Test Mode:	UNII-2A/TX Mode

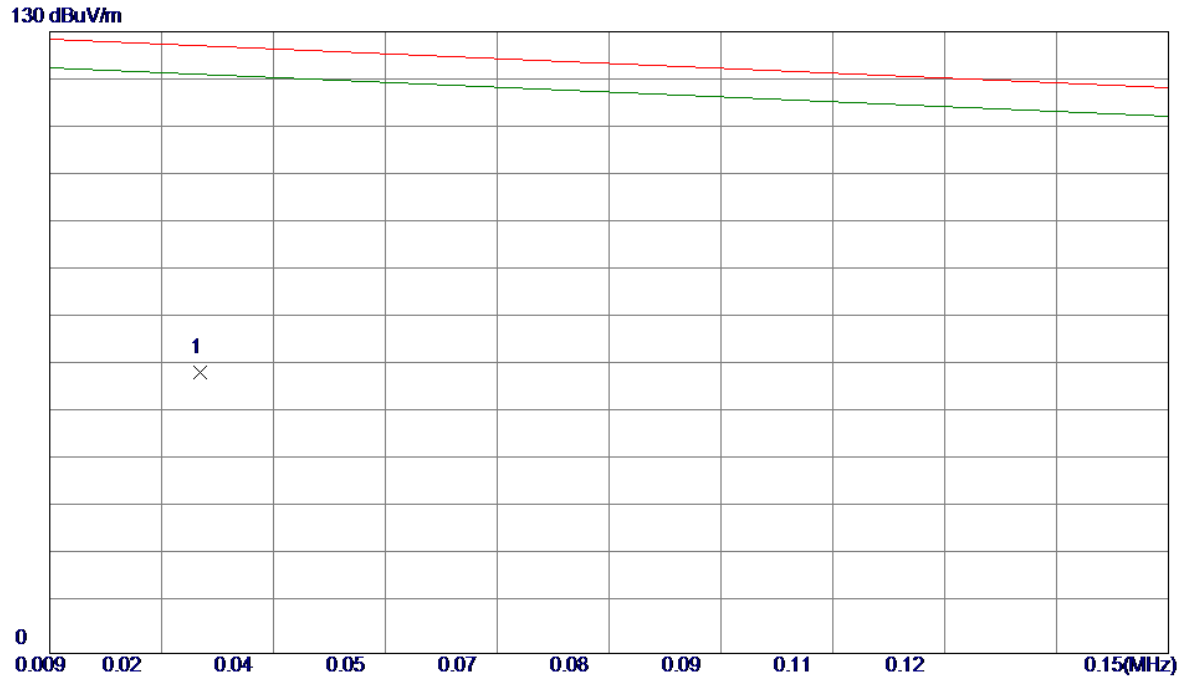
Ant 0°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.9261	30.79	11.97	42.76	69.91	-27.15	Peak	
2	1.4032	26.02	11.82	37.84	65.66	-27.82	Peak	
3	1.8810	24.44	11.60	36.04	69.54	-33.50	Peak	
4	2.6573	20.87	11.25	32.12	69.54	-37.42	Peak	
5	3.9110	18.67	11.24	29.91	69.54	-39.63	Peak	
6	5.2842	15.78	11.39	27.17	69.54	-42.37	Peak	

Test Mode:	UNII-2C/TX Mode

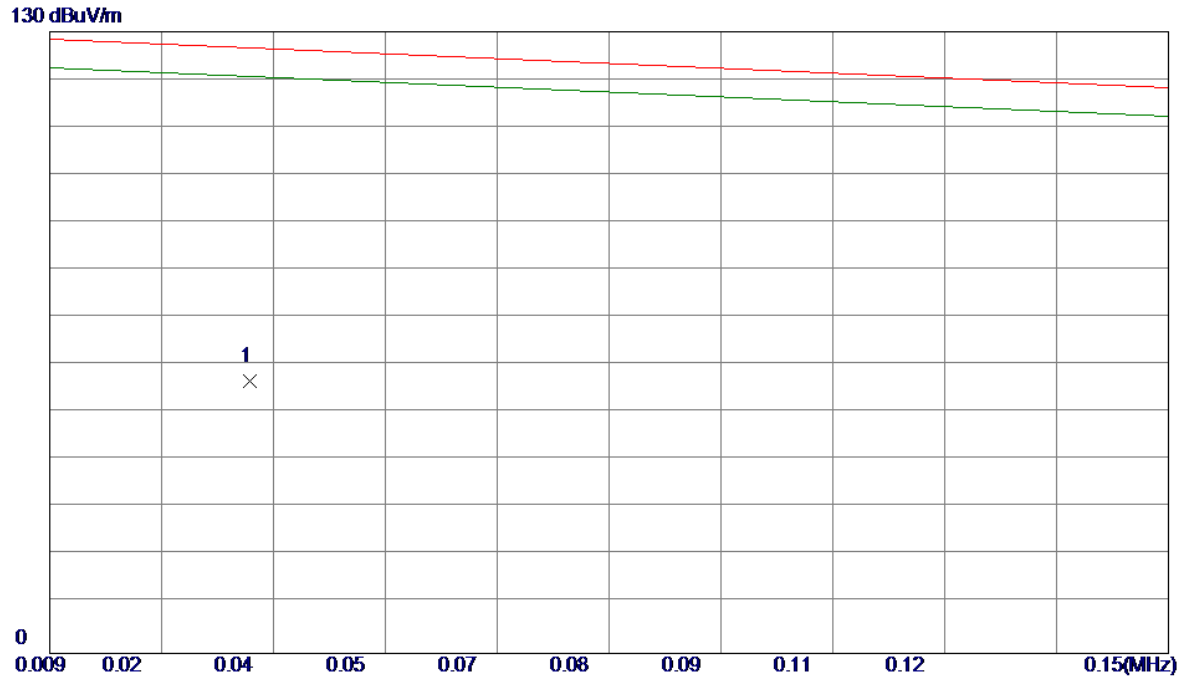
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0280	43.11	15.53	58.64	127.14	-68.50	Peak	

Test Mode:	UNII-2C/TX Mode

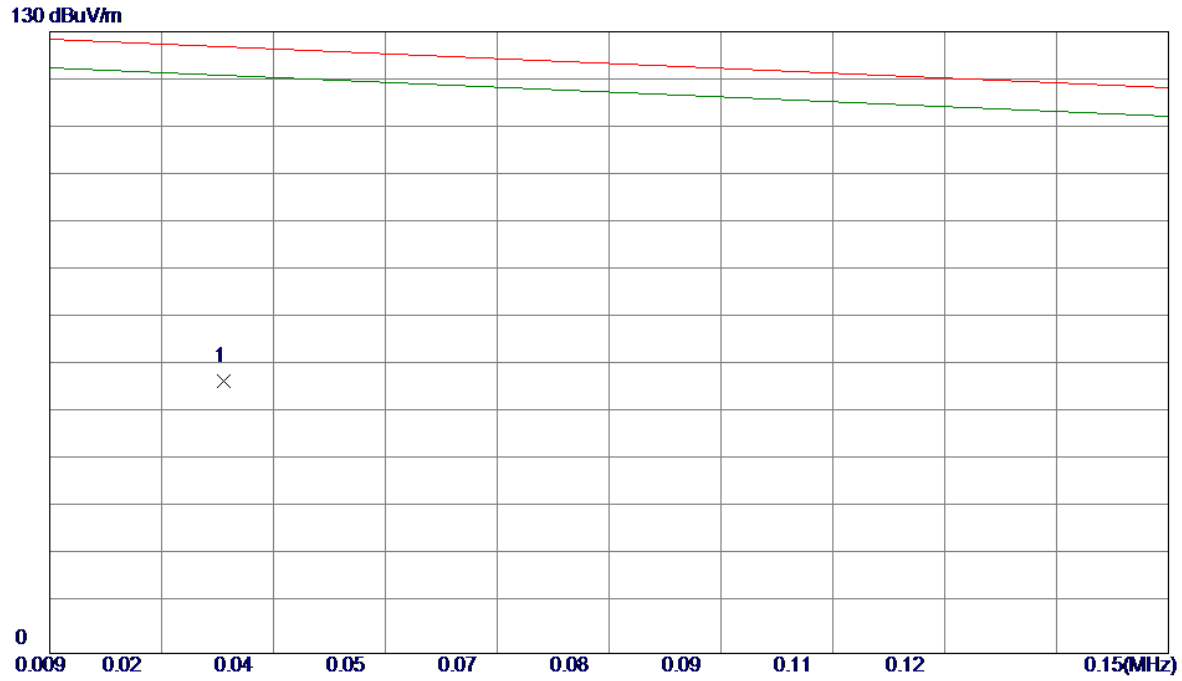
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0342	42.26	14.57	56.83	126.69	-69.86	Peak	

Test Mode:	UNII-2C/TX Mode

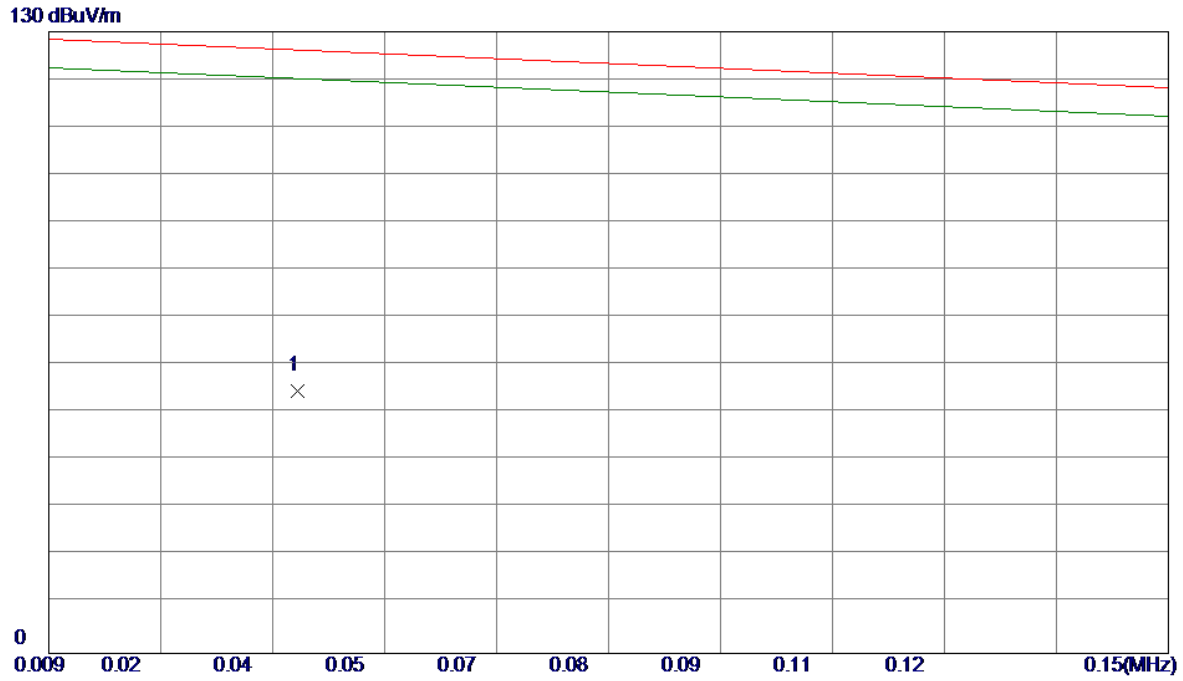
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0310	42.00	14.89	56.89	126.92	-70.03	Peak	

Test Mode:	UNII-2C/TX Mode

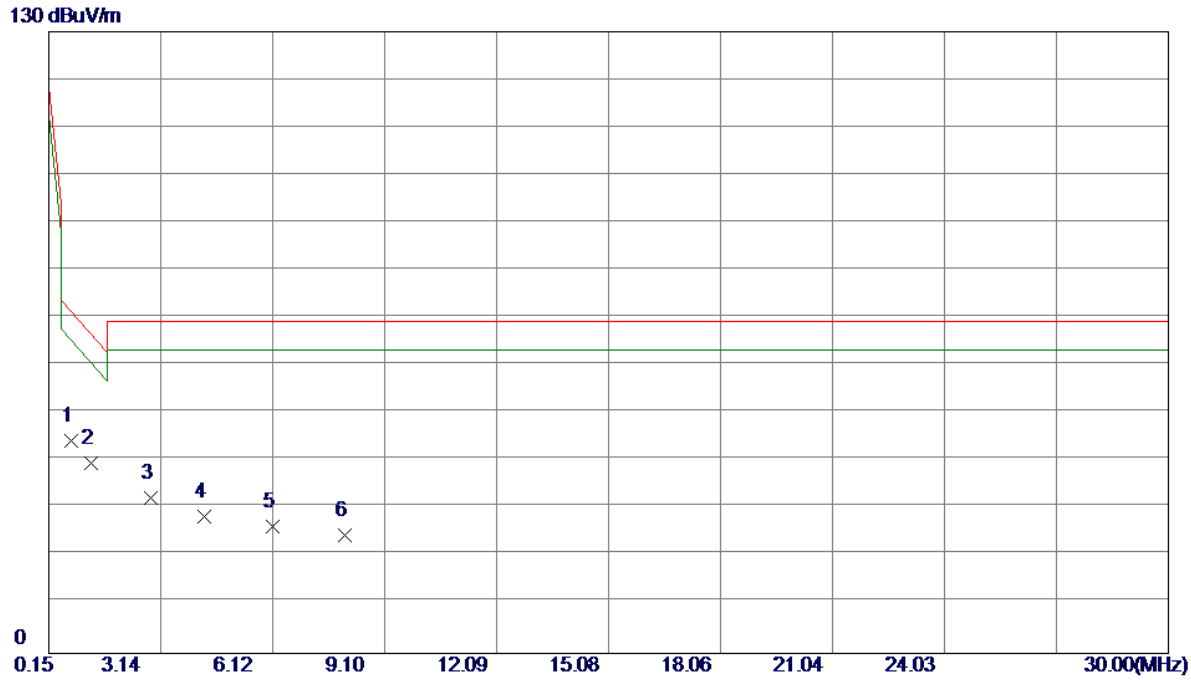
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	0.0403	41.02	13.97	54.99	126.25	-71.26	Peak	

Test Mode:	UNII-3/TX Mode

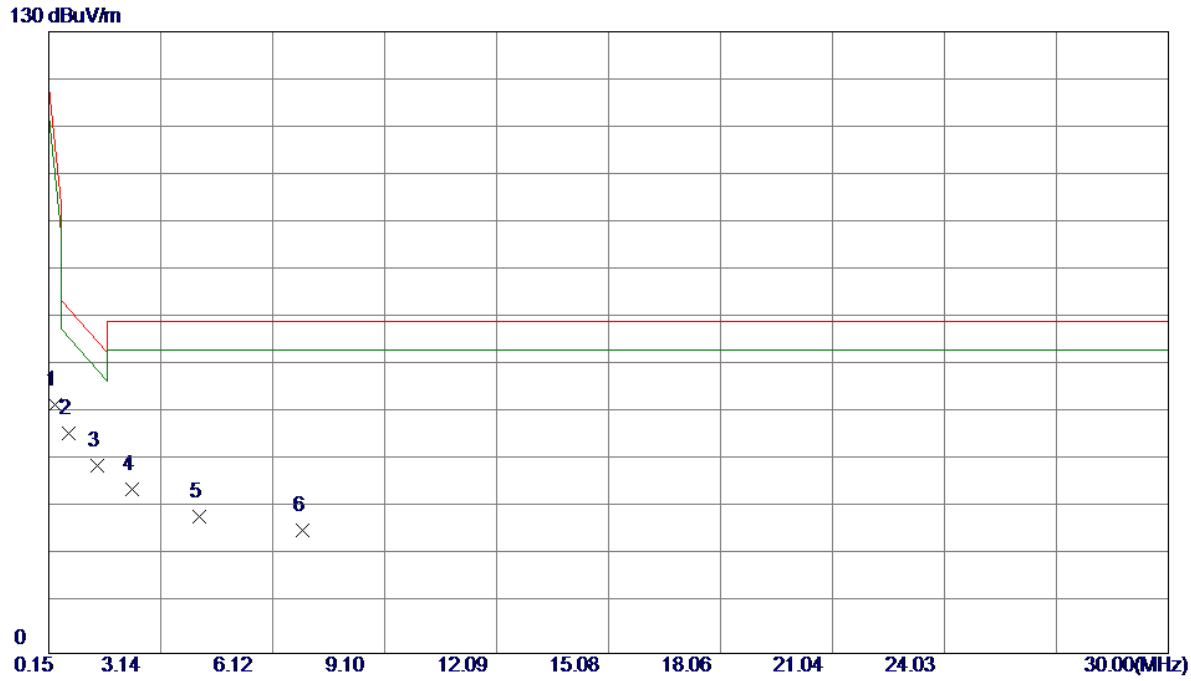
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.7470	32.44	11.90	44.34	71.51	-27.17	Peak	
2 *	1.2842	27.98	11.87	39.85	66.72	-26.87	Peak	
3	2.8664	21.25	11.16	32.41	69.54	-37.13	Peak	
4	4.2991	17.28	11.29	28.57	69.54	-40.97	Peak	
5	6.1200	15.19	11.38	26.57	69.54	-42.97	Peak	
6	8.0602	13.26	11.34	24.60	69.54	-44.94	Peak	

Test Mode:	UNII-3/TX Mode

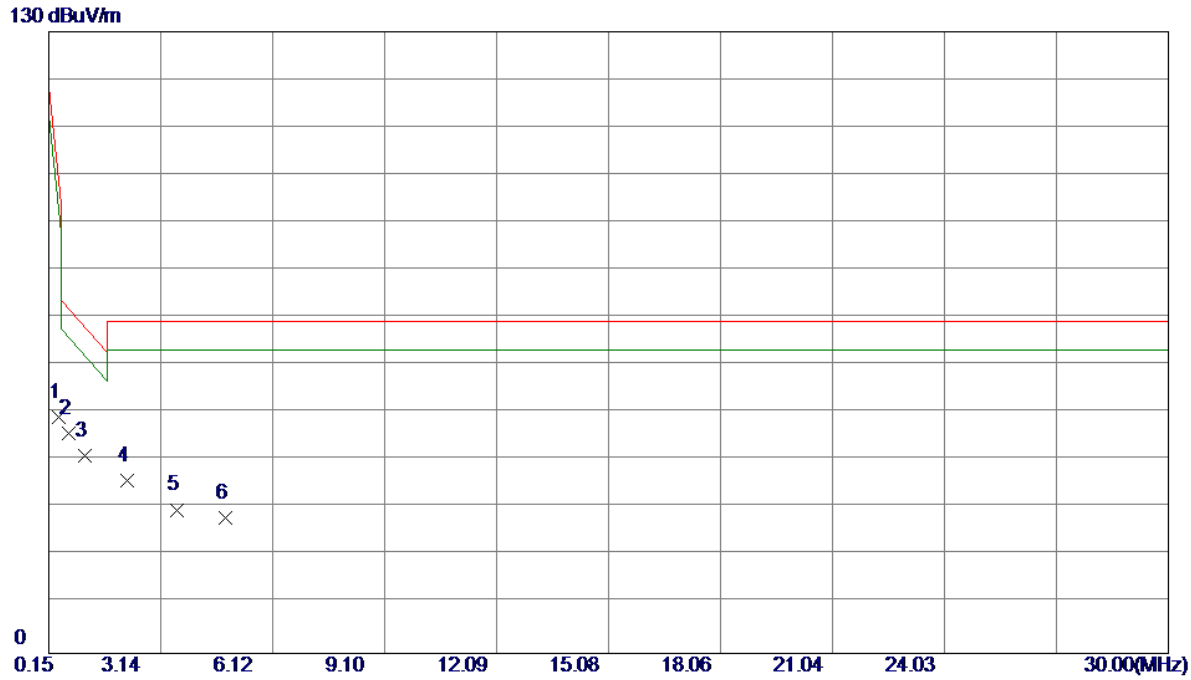
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.3291	40.16	11.80	51.96	105.41	-53.45	Peak	
2 *	0.6873	34.17	11.87	46.04	72.04	-26.00	Peak	
3	1.4334	27.49	11.80	39.29	65.39	-26.10	Peak	
4	2.3887	22.98	11.38	34.36	69.54	-35.18	Peak	
5	4.1497	17.35	11.27	28.62	69.54	-40.92	Peak	
6	6.9260	14.29	11.36	25.65	69.54	-43.89	Peak	

Test Mode:	UNII-3/TX Mode

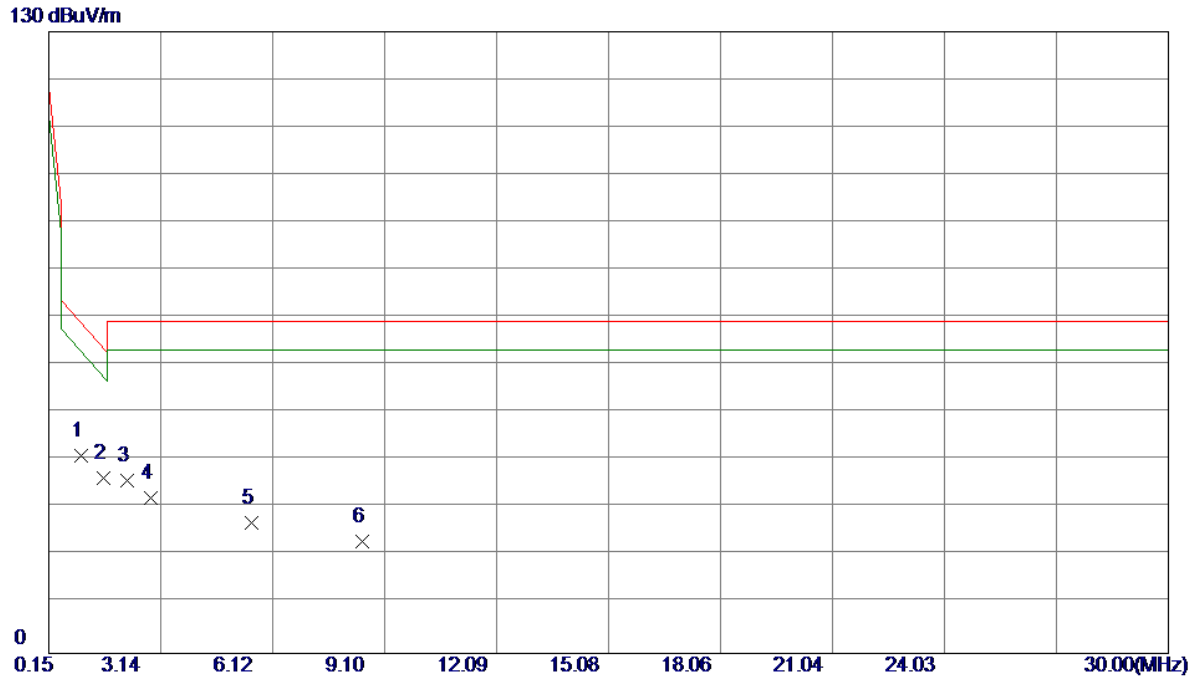
Ant 90°



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.4187	37.60	11.80	49.40	98.94	-49.54	Peak	
2 *	0.6873	34.17	11.87	46.04	72.04	-26.00	Peak	
3	1.1050	29.36	11.95	41.31	68.32	-27.01	Peak	
4	2.2395	24.62	11.44	36.06	69.54	-33.48	Peak	
5	3.5530	18.85	11.18	30.03	69.54	-39.51	Peak	
6	4.8662	16.94	11.38	28.32	69.54	-41.22	Peak	

Test Mode:	UNII-3/TX Mode

Ant 90°

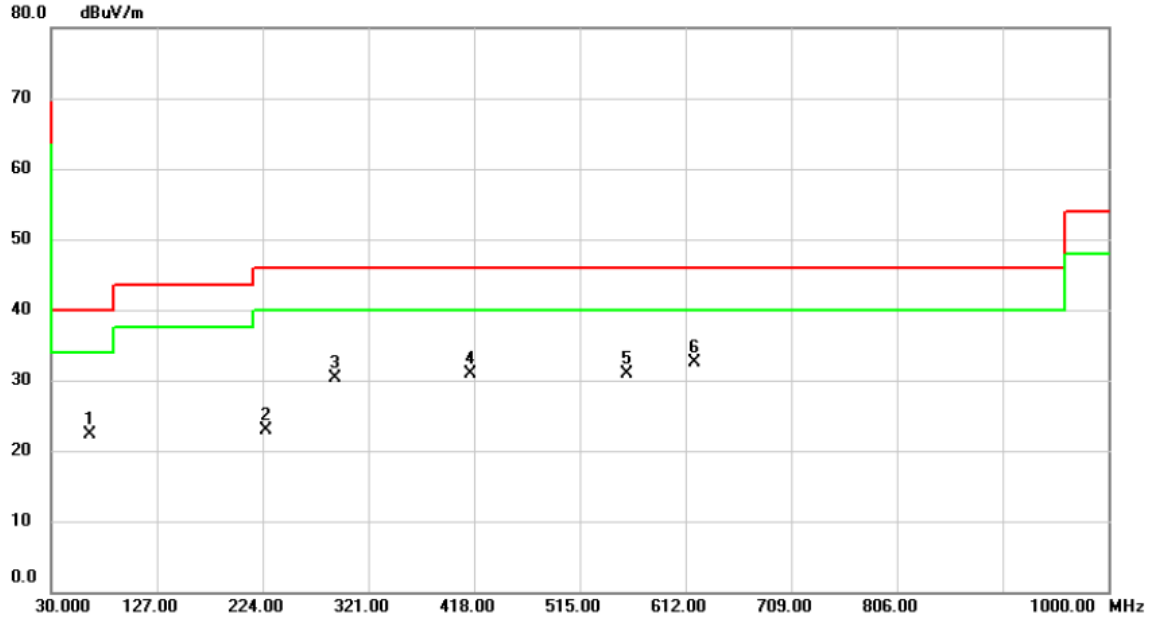


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	1.0156	29.46	11.99	41.45	69.11	-27.66	Peak	
2 *	1.6126	24.88	11.72	36.60	63.79	-27.19	Peak	
3	2.2395	24.62	11.44	36.06	69.54	-33.48	Peak	
4	2.8664	21.25	11.16	32.41	69.54	-37.13	Peak	
5	5.5529	15.80	11.39	27.19	69.54	-42.35	Peak	
6	8.5080	12.12	11.33	23.45	69.54	-46.09	Peak	

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

Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

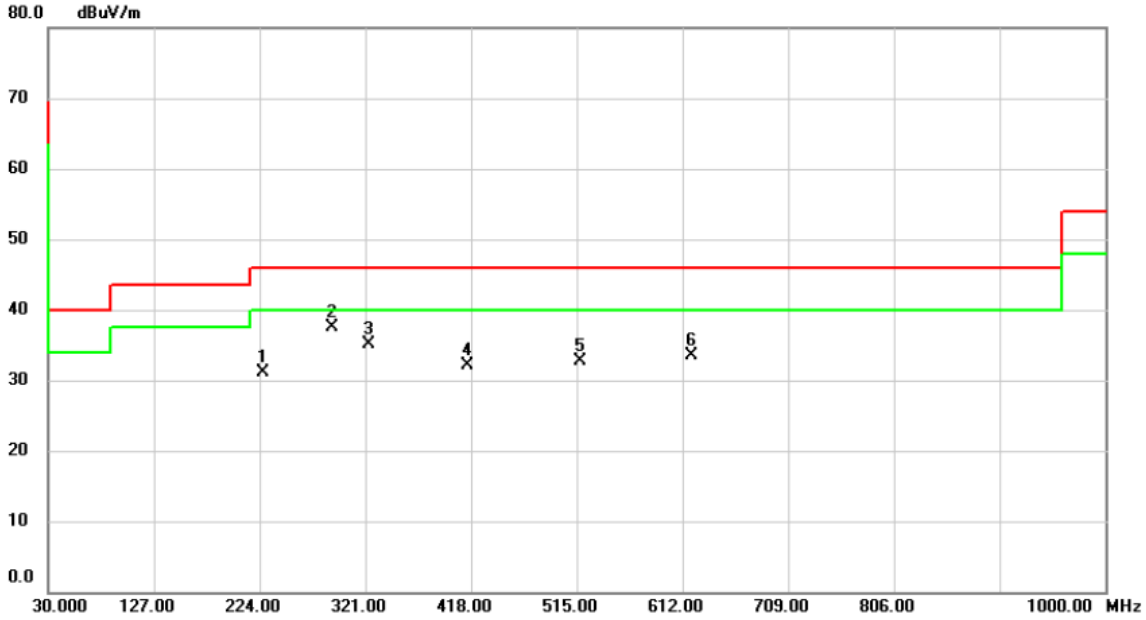
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		65.8900	31.74	-9.52	22.22	40.00	-17.78	peak			
2		226.9100	33.21	-10.33	22.88	46.00	-23.12	peak			
3		290.9300	37.90	-7.69	30.21	46.00	-15.79	peak			
4		414.1200	35.47	-4.55	30.92	46.00	-15.08	peak			
5		558.6500	32.37	-1.49	30.88	46.00	-15.12	peak			
6	*	620.7300	32.86	-0.26	32.60	46.00	-13.40	peak			

Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

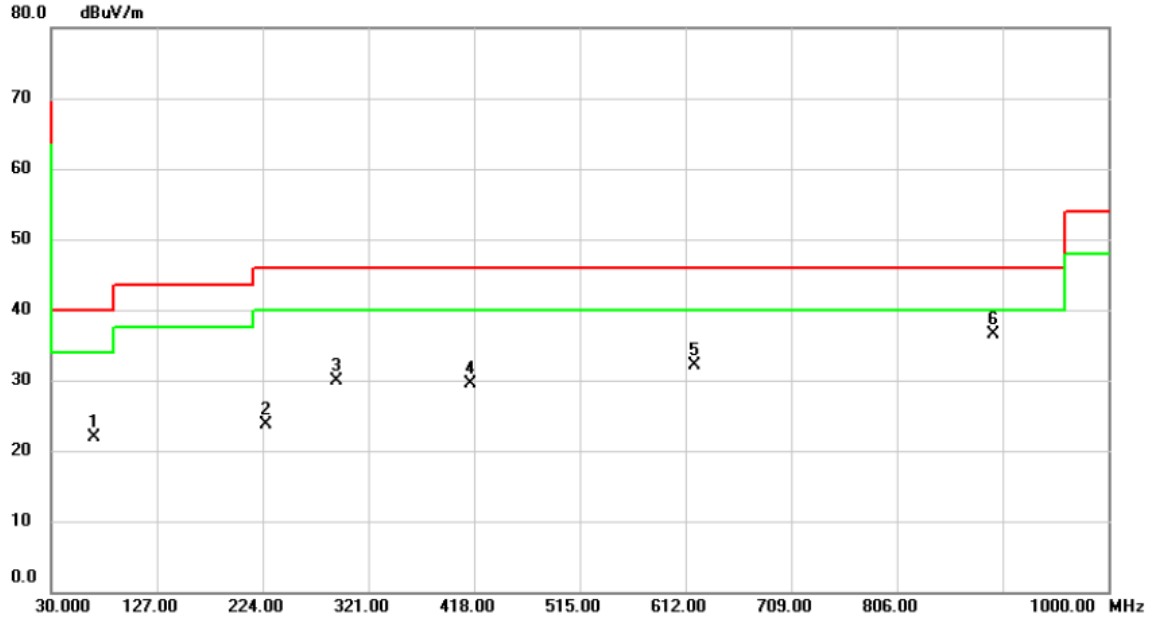
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		226.9100	41.46	-10.33	31.13	46.00	-14.87	peak			
2	*	290.9300	45.25	-7.69	37.56	46.00	-8.44	peak			
3		323.9100	41.97	-6.89	35.08	46.00	-10.92	peak			
4		414.1200	36.58	-4.55	32.03	46.00	-13.97	peak			
5		517.9100	35.00	-2.37	32.63	46.00	-13.37	peak			
6		620.7300	33.76	-0.26	33.50	46.00	-12.50	peak			

Test Mode:	UNII-2C/TX N40 Mode 5310MHz

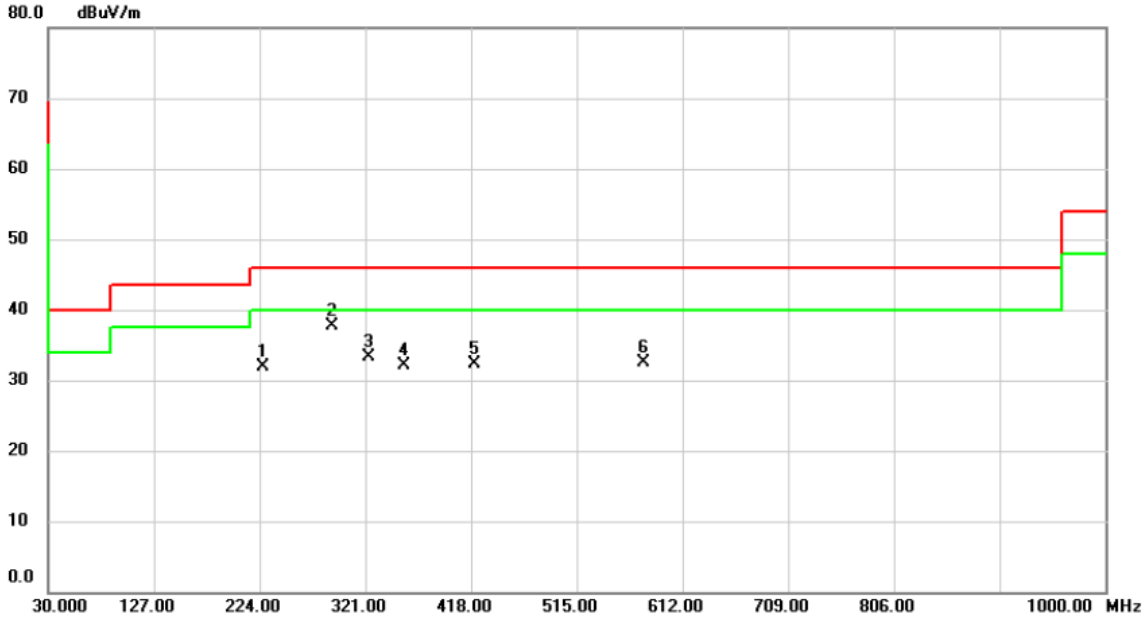
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		69.7700	32.08	-10.14	21.94	40.00	-18.06	peak			
2		226.9100	34.01	-10.33	23.68	46.00	-22.32	peak			
3		291.9000	37.56	-7.66	29.90	46.00	-16.10	peak			
4		414.1200	34.13	-4.55	29.58	46.00	-16.42	peak			
5		620.7300	32.40	-0.26	32.14	46.00	-13.86	peak			
6	*	894.2700	32.41	4.02	36.43	46.00	-9.57	peak			

Test Mode:	UNII-2C/TX N40 Mode 5310MHz

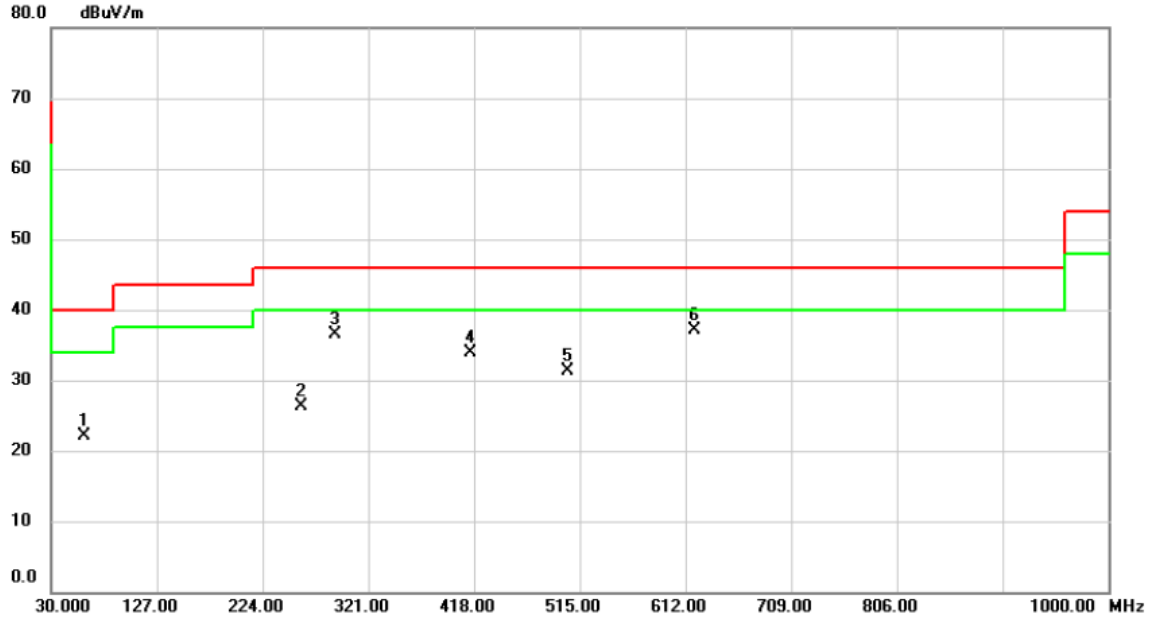
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		226.9100	42.23	-10.33	31.90	46.00	-14.10	peak			
2	*	290.9300	45.34	-7.69	37.65	46.00	-8.35	peak			
3		323.9100	40.17	-6.89	33.28	46.00	-12.72	peak			
4		355.9200	38.26	-6.09	32.17	46.00	-13.83	peak			
5		420.9100	36.73	-4.37	32.36	46.00	-13.64	peak			
6		576.1100	33.55	-1.04	32.51	46.00	-13.49	peak			

Test Mode:	UNII-3/TX AC80 Mode 5610MHz

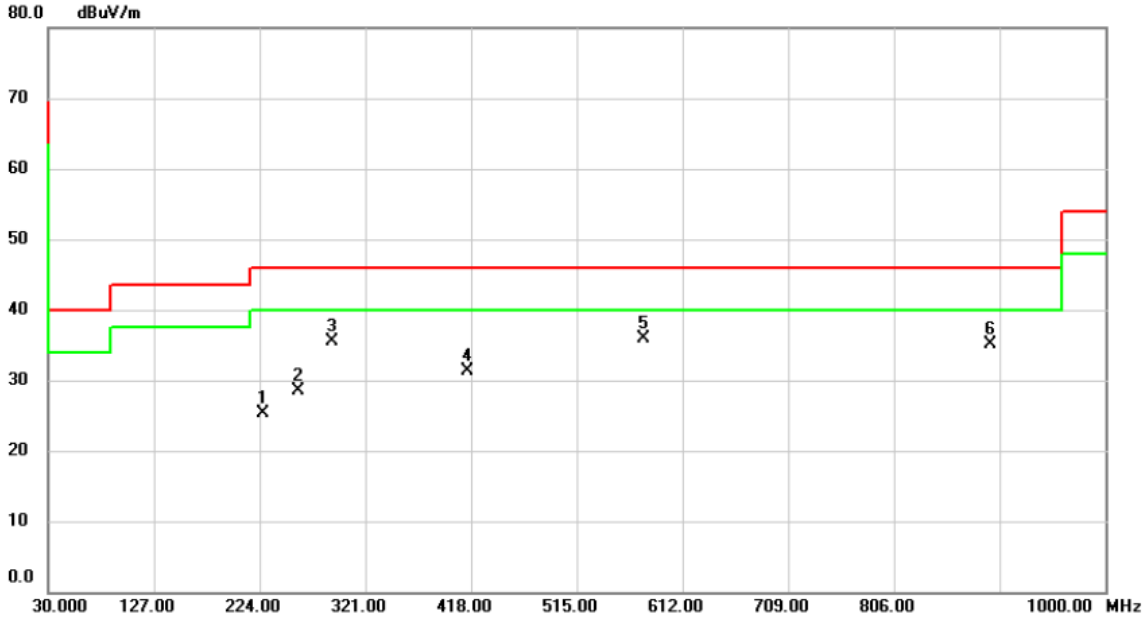
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		60.0700	30.64	-8.61	22.03	40.00	-17.97	peak			
2		258.9200	35.04	-8.80	26.24	46.00	-19.76	peak			
3		290.9300	44.28	-7.69	36.59	46.00	-9.41	peak			
4		414.1200	38.51	-4.55	33.96	46.00	-12.04	peak			
5		504.3300	33.94	-2.64	31.30	46.00	-14.70	peak			
6	*	620.7300	37.41	-0.26	37.15	46.00	-8.85	peak			

Test Mode:	UNII-3/TX AC80 Mode 5610MHz

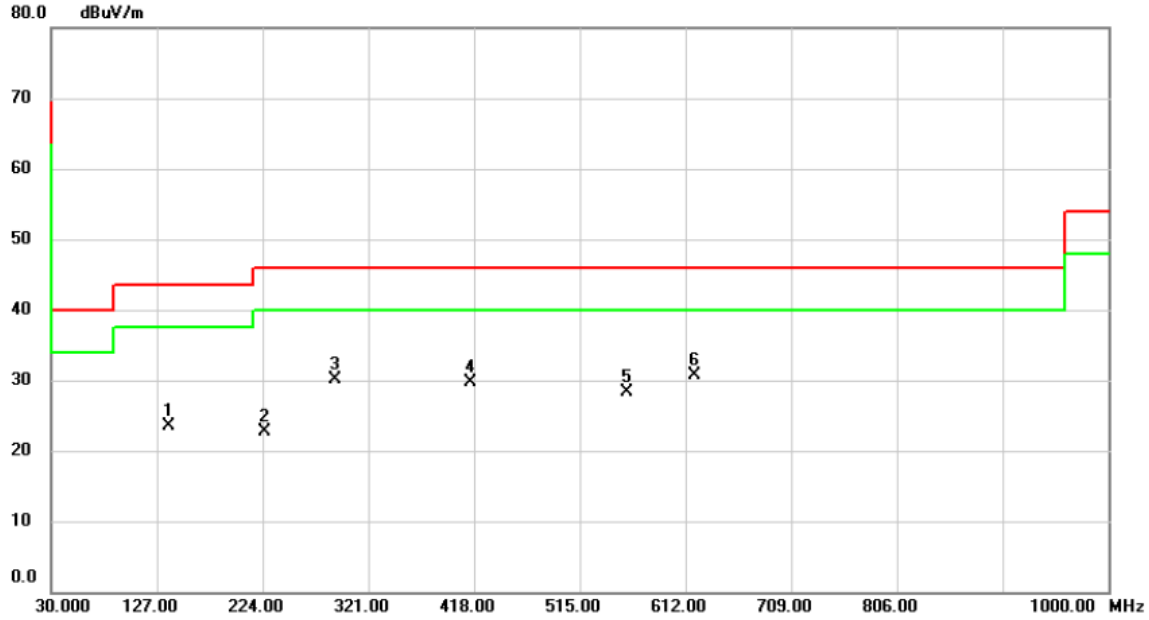
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		226.9100	35.56	-10.33	25.23	46.00	-20.77	peak			
2		258.9200	37.25	-8.80	28.45	46.00	-17.55	peak			
3		290.9300	43.11	-7.69	35.42	46.00	-10.58	peak			
4		414.1200	35.76	-4.55	31.21	46.00	-14.79	peak			
5	*	576.1100	36.95	-1.04	35.91	46.00	-10.09	peak			
6		894.2700	31.00	4.02	35.02	46.00	-10.98	peak			

Test Mode:	UNII-1/ TX N20 Mode 5825MHz

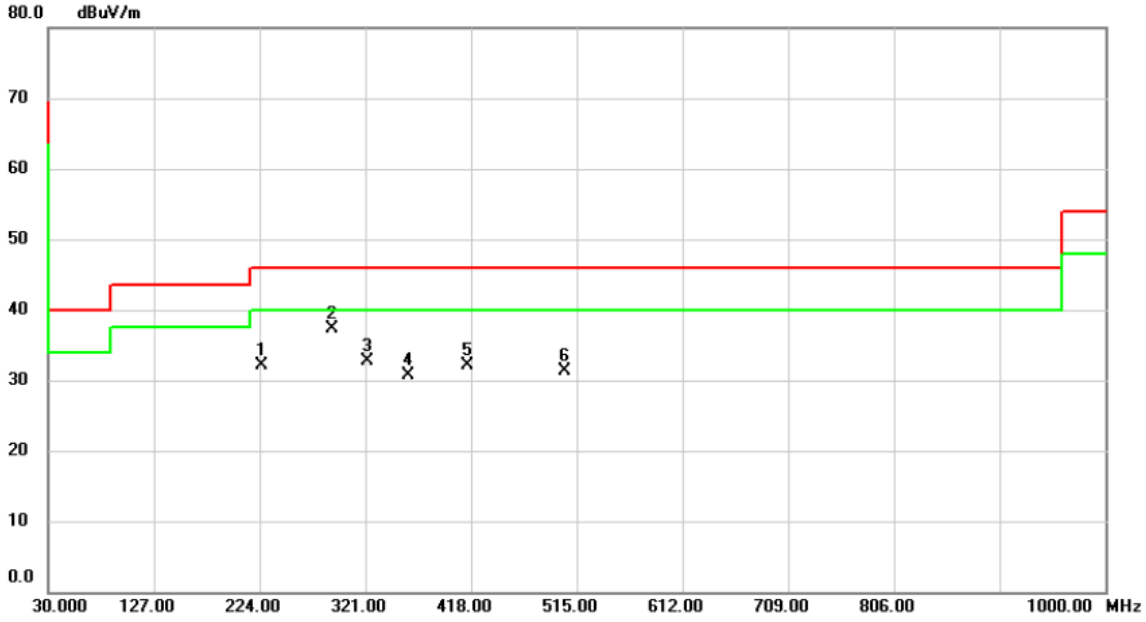
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		137.6700	32.80	-9.25	23.55	43.50	-19.95	peak			
2		225.9400	33.04	-10.39	22.65	46.00	-23.35	peak			
3		290.9300	37.79	-7.69	30.10	46.00	-15.90	peak			
4		414.1200	34.16	-4.55	29.61	46.00	-16.39	peak			
5		558.6500	29.79	-1.49	28.30	46.00	-17.70	peak			
6	*	620.7300	31.03	-0.26	30.77	46.00	-15.23	peak			

Test Mode:	UNII-1/ TX N20 Mode 5825MHz

Horizontal

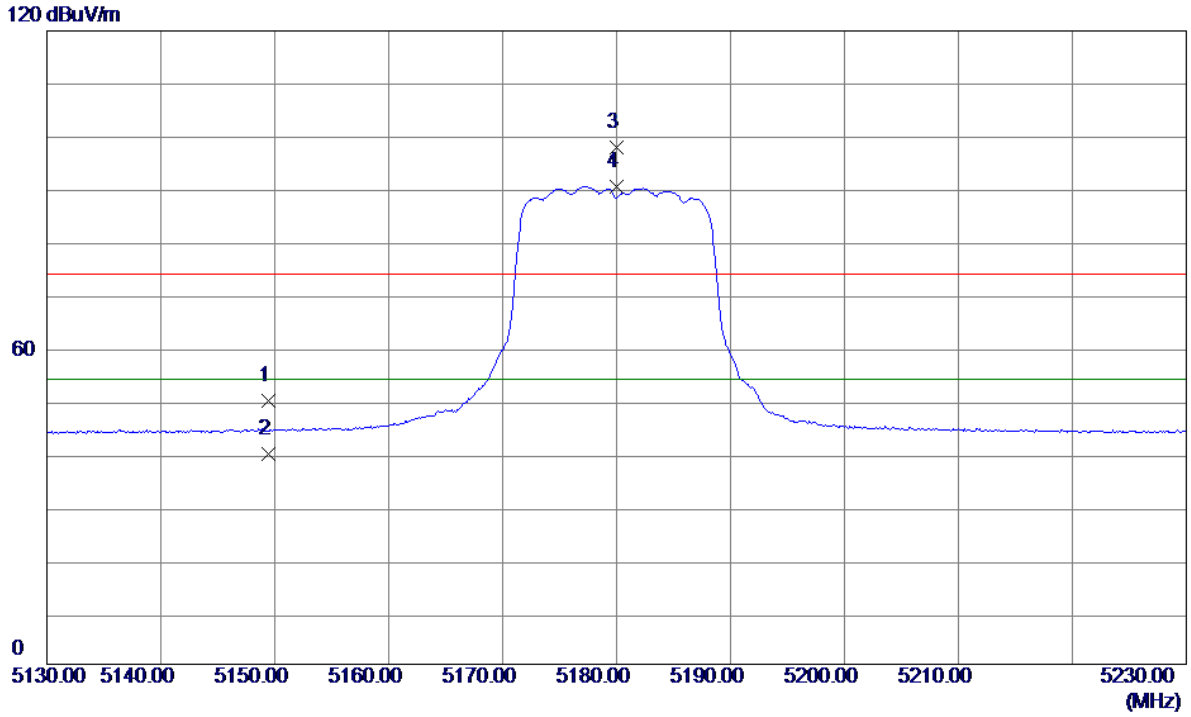


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		225.9400	42.48	-10.39	32.09	46.00	-13.91	peak			
2	*	290.9300	44.94	-7.69	37.25	46.00	-8.75	peak			
3		322.9400	39.72	-6.92	32.80	46.00	-13.20	peak			
4		359.8000	36.70	-5.98	30.72	46.00	-15.28	peak			
5		414.1200	36.64	-4.55	32.09	46.00	-13.91	peak			
6		504.3300	33.98	-2.64	31.34	46.00	-14.66	peak			

APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

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

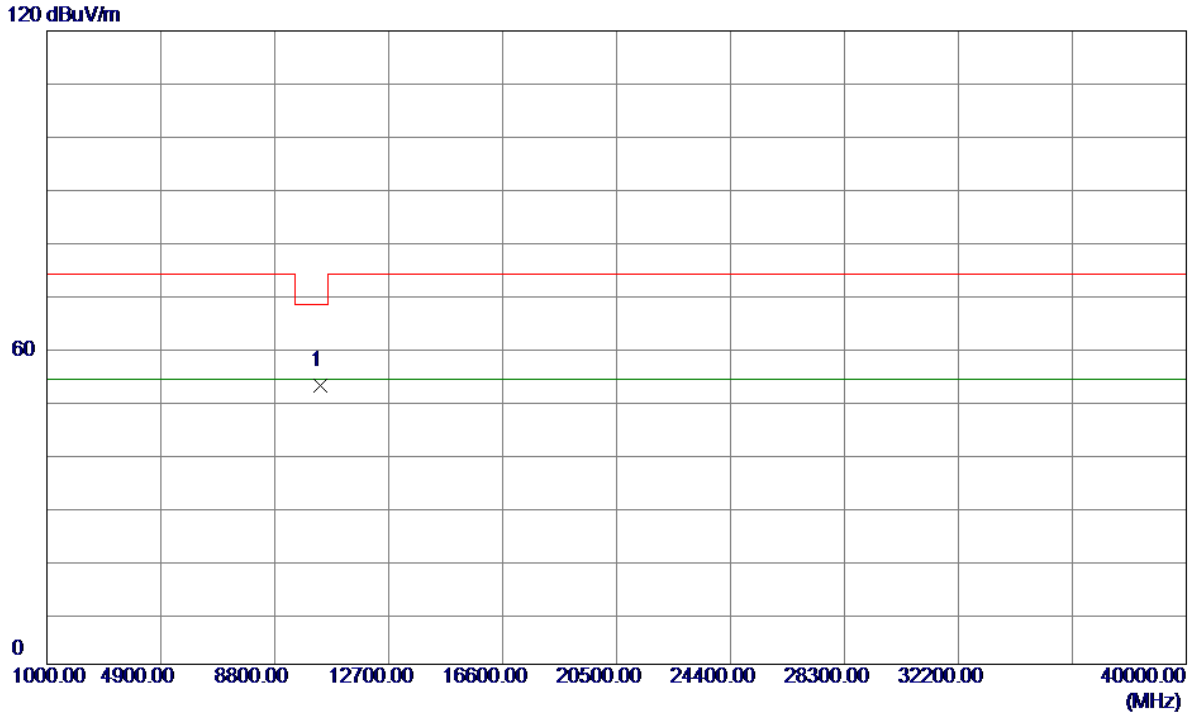
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.4000	12.40	37.54	49.94	74.00	-24.06	Peak	
2	5149.4000	2.26	37.54	39.80	54.00	-14.20	AVG	
3	5180.0000	60.29	37.57	97.86	74.00	23.86	Peak	No Limit
4 *	5180.0000	52.85	37.57	90.42	54.00	36.42	AVG	No Limit

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

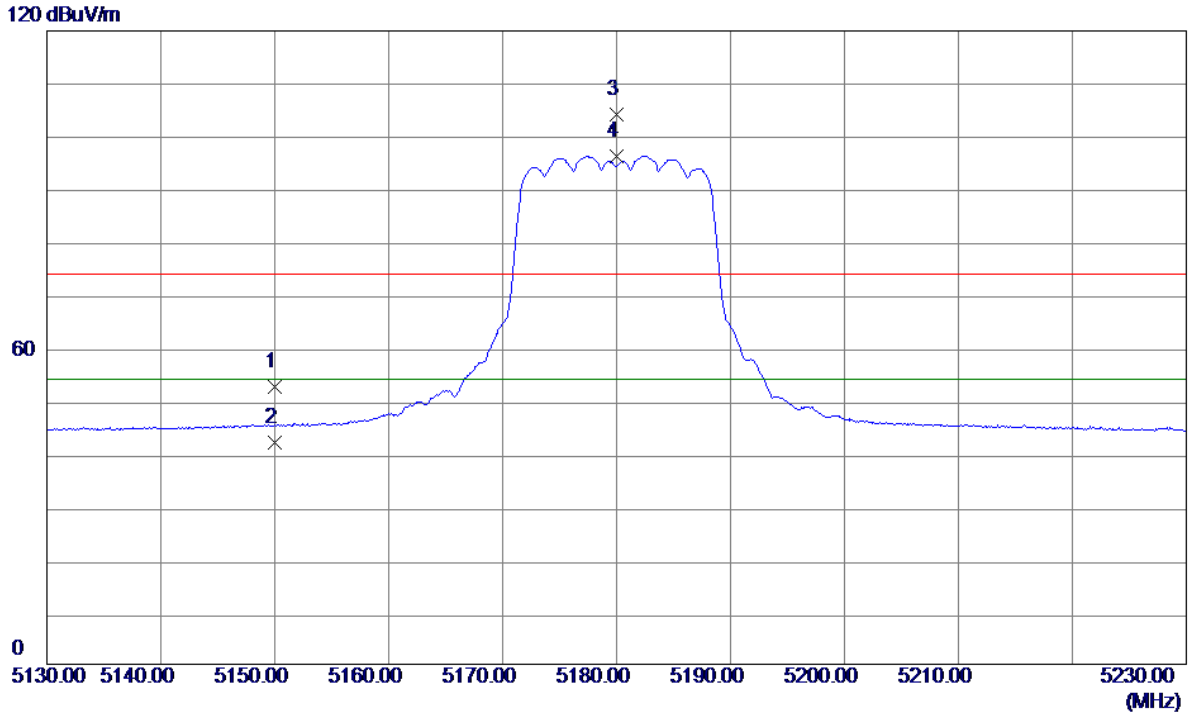
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	50.80	1.93	52.73	68.20	-15.47	Peak	

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

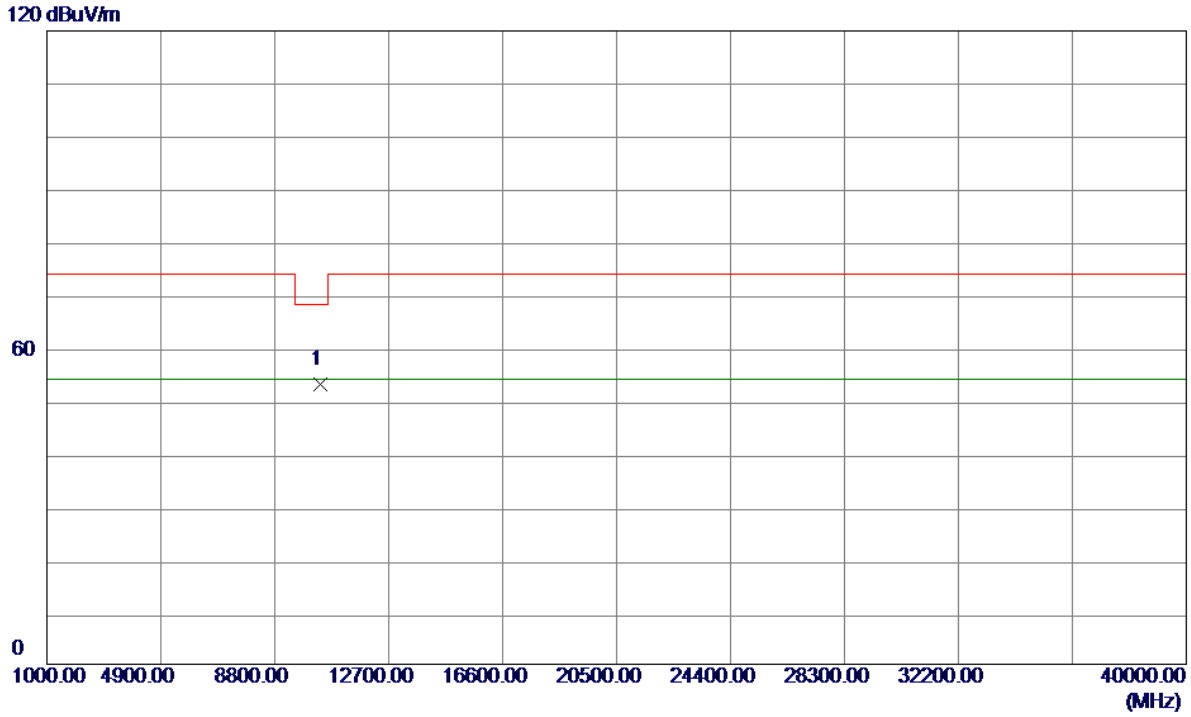
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.9600	15.13	37.54	52.67	74.00	-21.33	Peak	
2	5149.9600	4.43	37.54	41.97	54.00	-12.03	AVG	
3	5180.0000	66.51	37.57	104.08	74.00	30.08	Peak	No Limit
4 *	5180.0000	58.68	37.57	96.25	54.00	42.25	AVG	No Limit

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

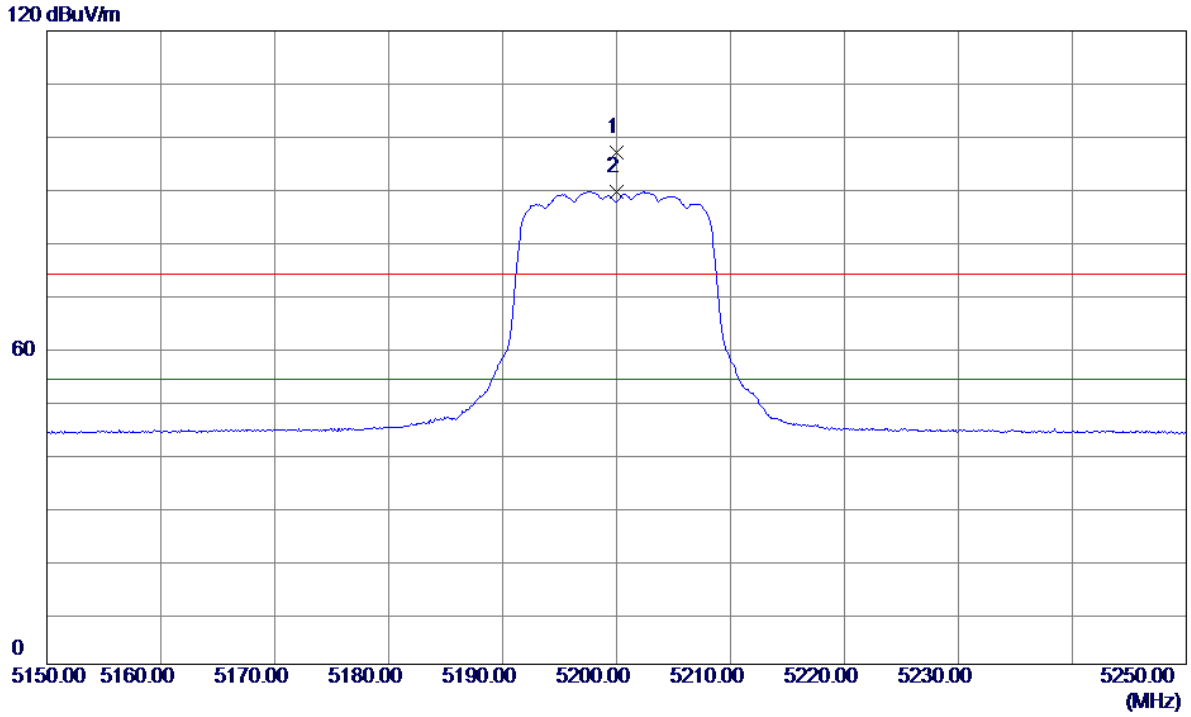
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	51.17	1.93	53.10	68.20	-15.10	Peak	

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

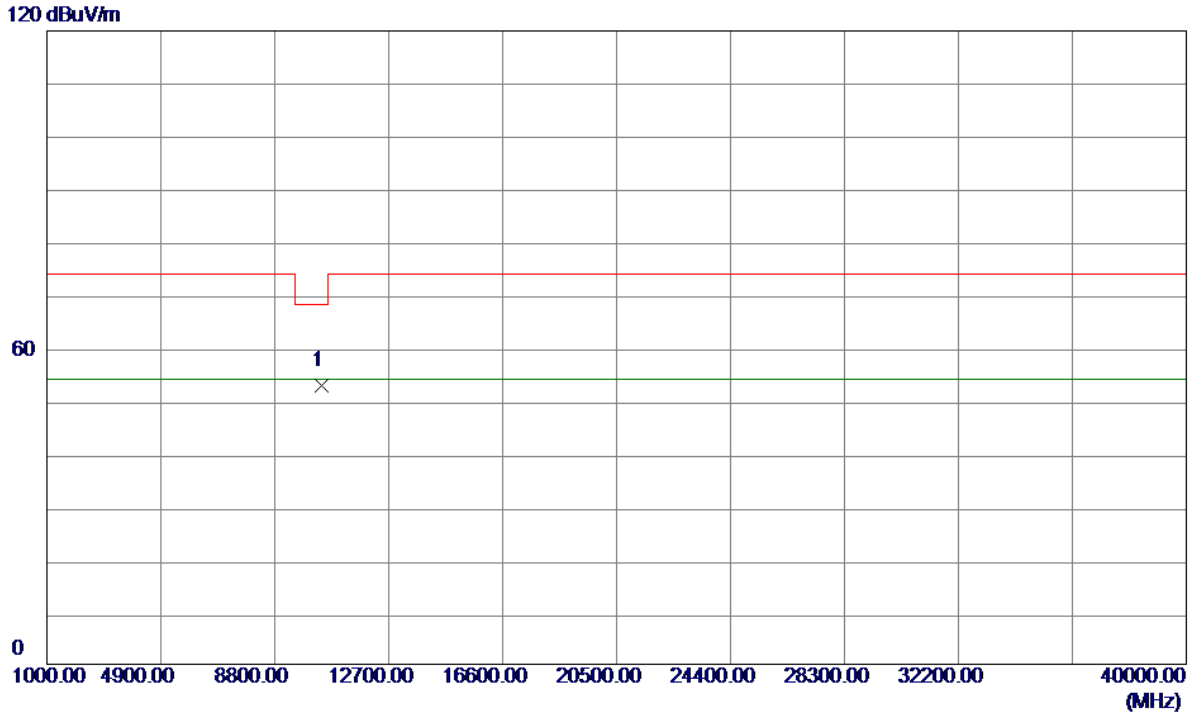
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5200.0000	59.39	37.60	96.99	74.00	22.99	Peak	No Limit
2 *	5200.0000	51.87	37.60	89.47	54.00	35.47	AVG	No Limit

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

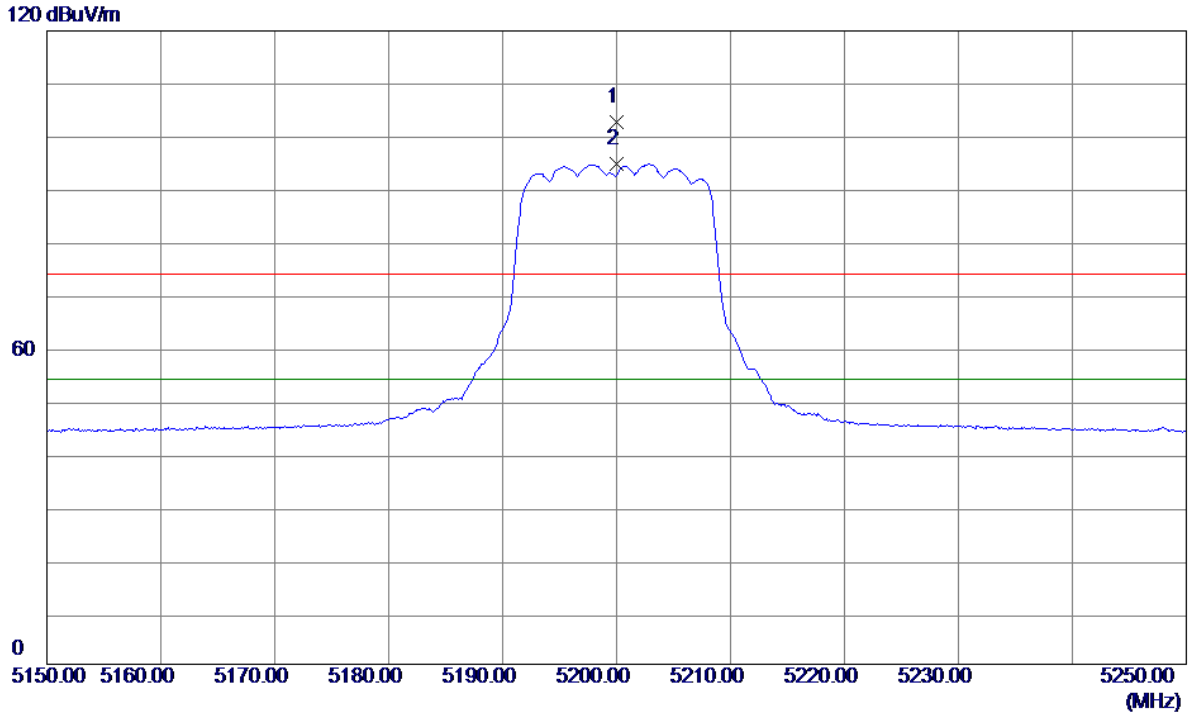
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0000	50.96	1.94	52.90	68.20	-15.30	Peak	

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

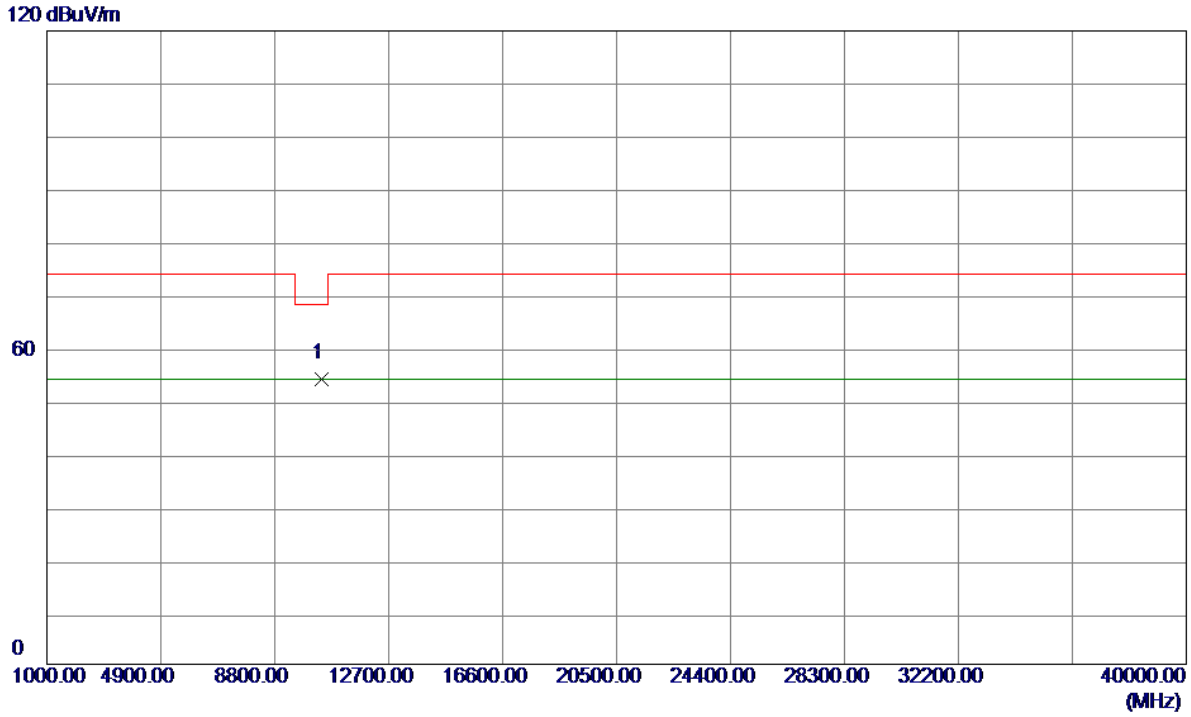
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5200.0000	65.04	37.60	102.64	74.00	28.64	Peak	No Limit
2 *	5200.0000	57.15	37.60	94.75	54.00	40.75	AVG	No Limit

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

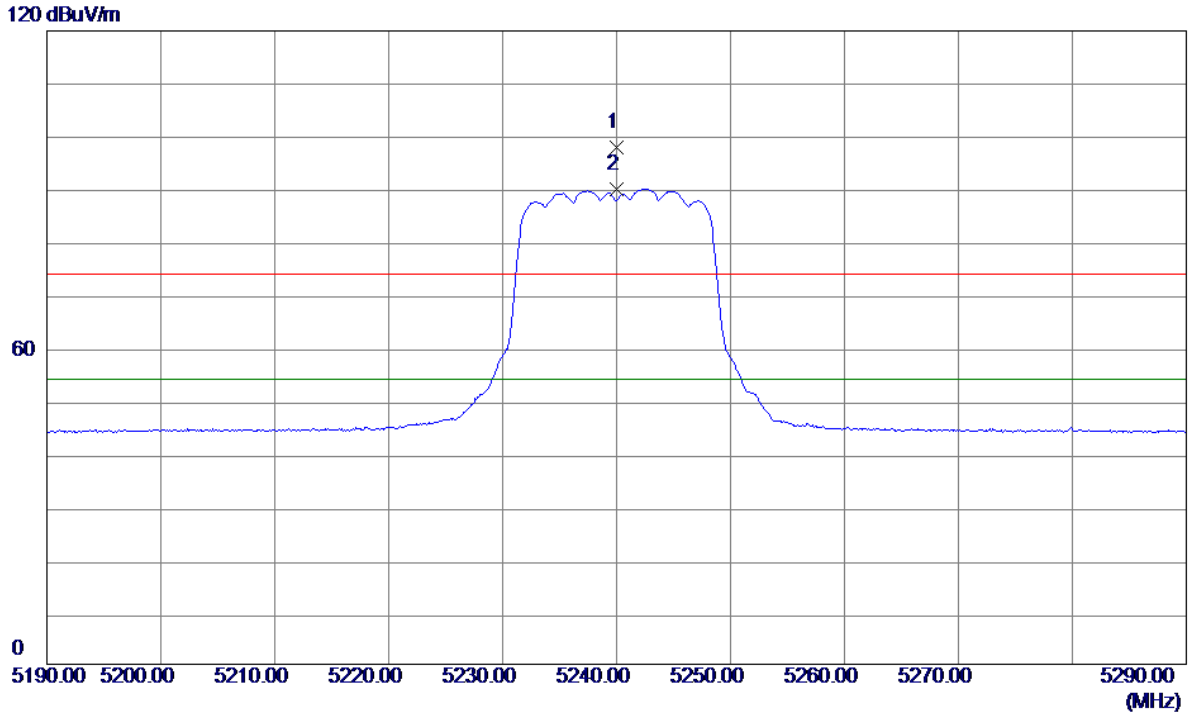
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0000	52.18	1.94	54.12	68.20	-14.08	Peak	

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

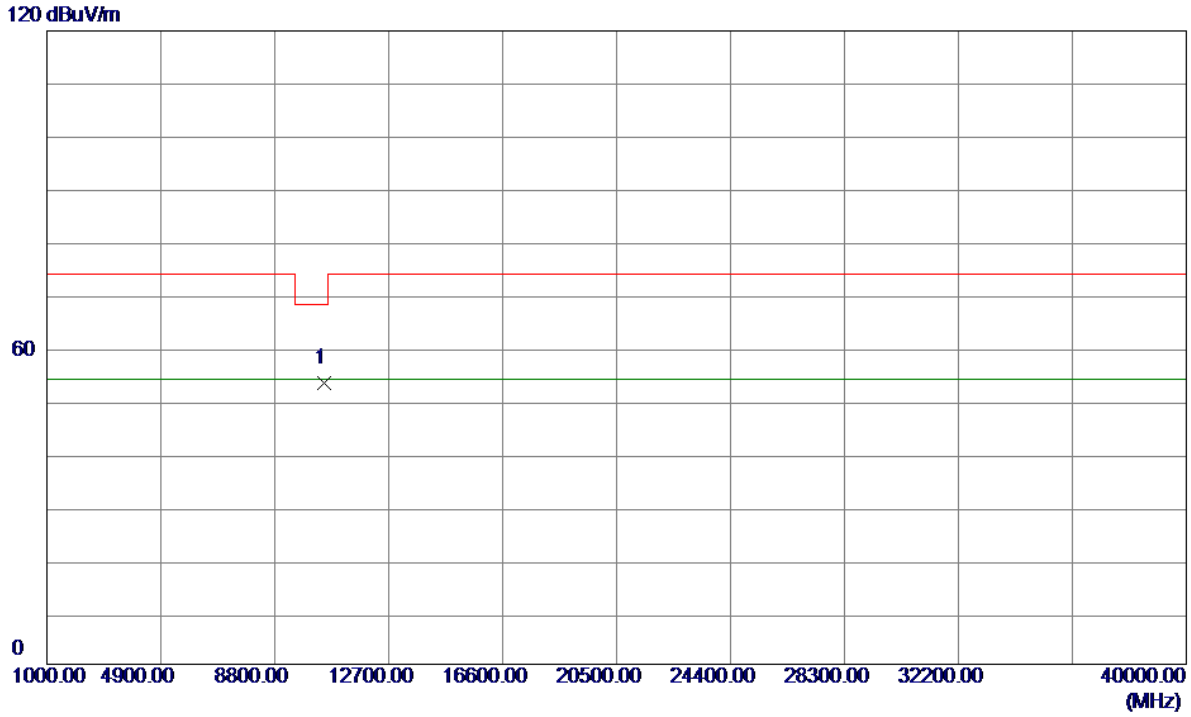
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5240.0000	60.20	37.64	97.84	74.00	23.84	Peak	No Limit
2 *	5240.0000	52.42	37.64	90.06	54.00	36.06	AVG	No Limit

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

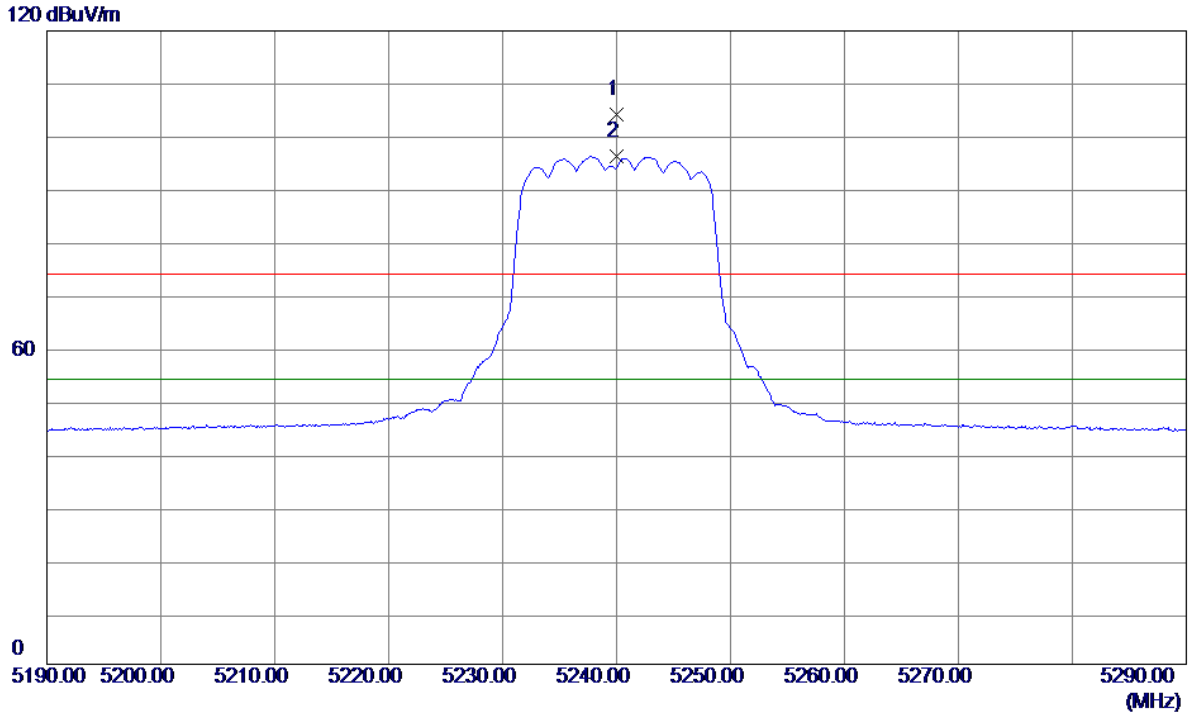
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0000	51.37	1.96	53.33	68.20	-14.87	Peak	

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

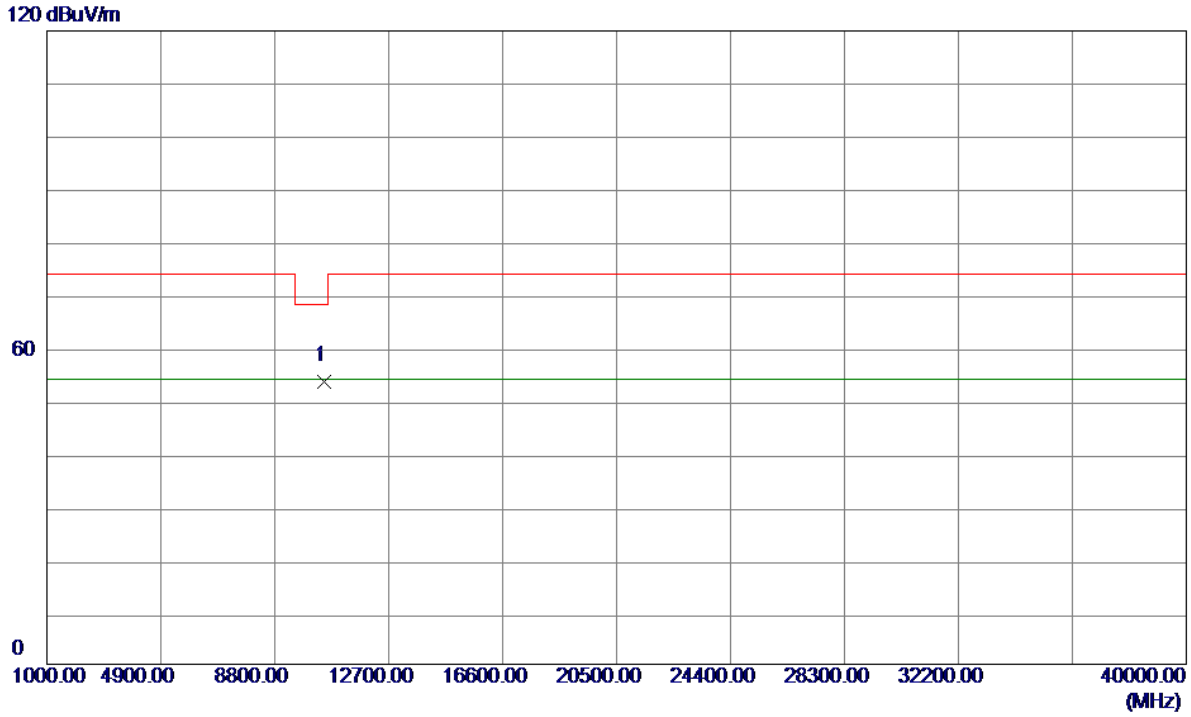
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5240.0000	66.42	37.64	104.06	74.00	30.06	Peak	No Limit
2 *	5240.0000	58.52	37.64	96.16	54.00	42.16	AVG	No Limit

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

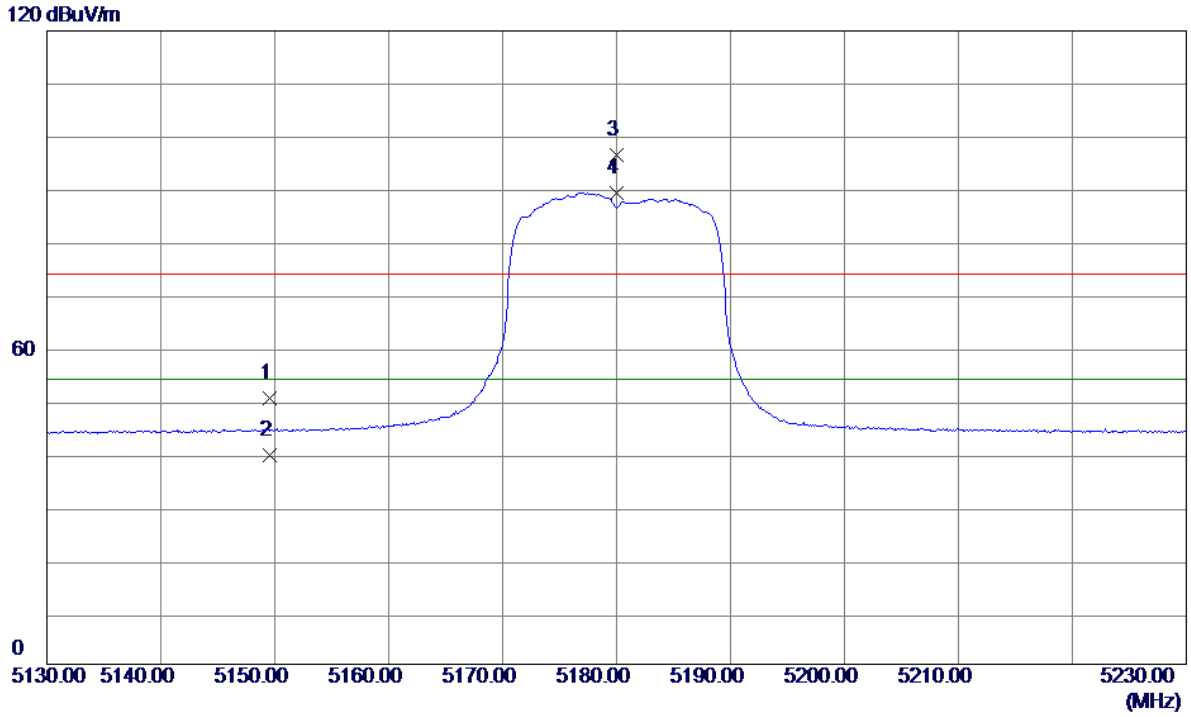
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.0000	51.68	1.96	53.64	68.20	-14.56	Peak	

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

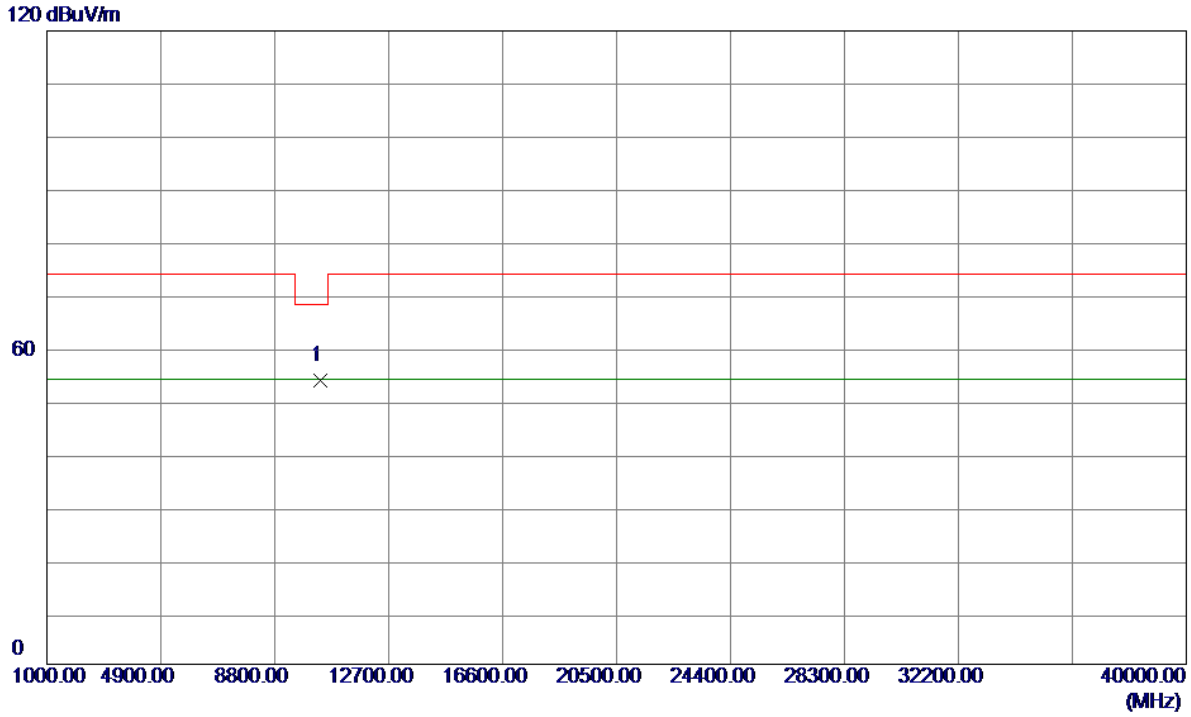
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.5400	12.78	37.54	50.32	74.00	-23.68	Peak	
2	5149.5400	1.95	37.54	39.49	54.00	-14.51	AVG	
3	5180.0000	59.02	37.57	96.59	74.00	22.59	Peak	No Limit
4 *	5180.0000	51.68	37.57	89.25	54.00	35.25	AVG	No Limit

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

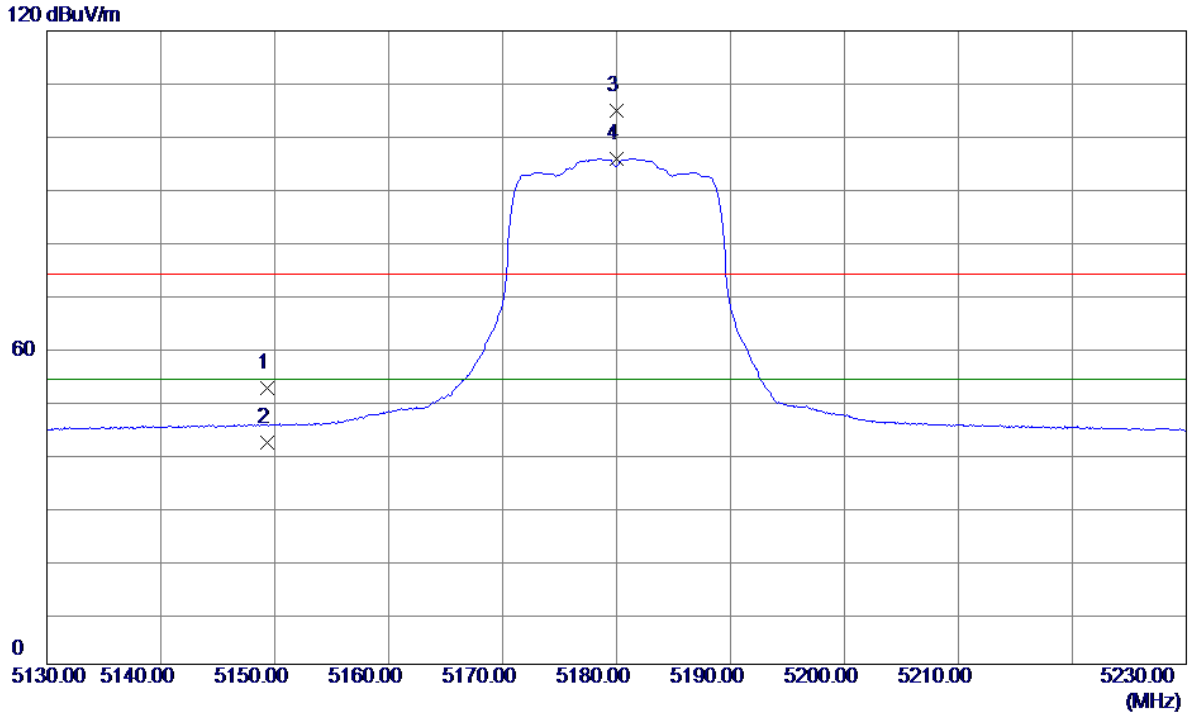
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	51.80	1.93	53.73	68.20	-14.47	Peak	

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

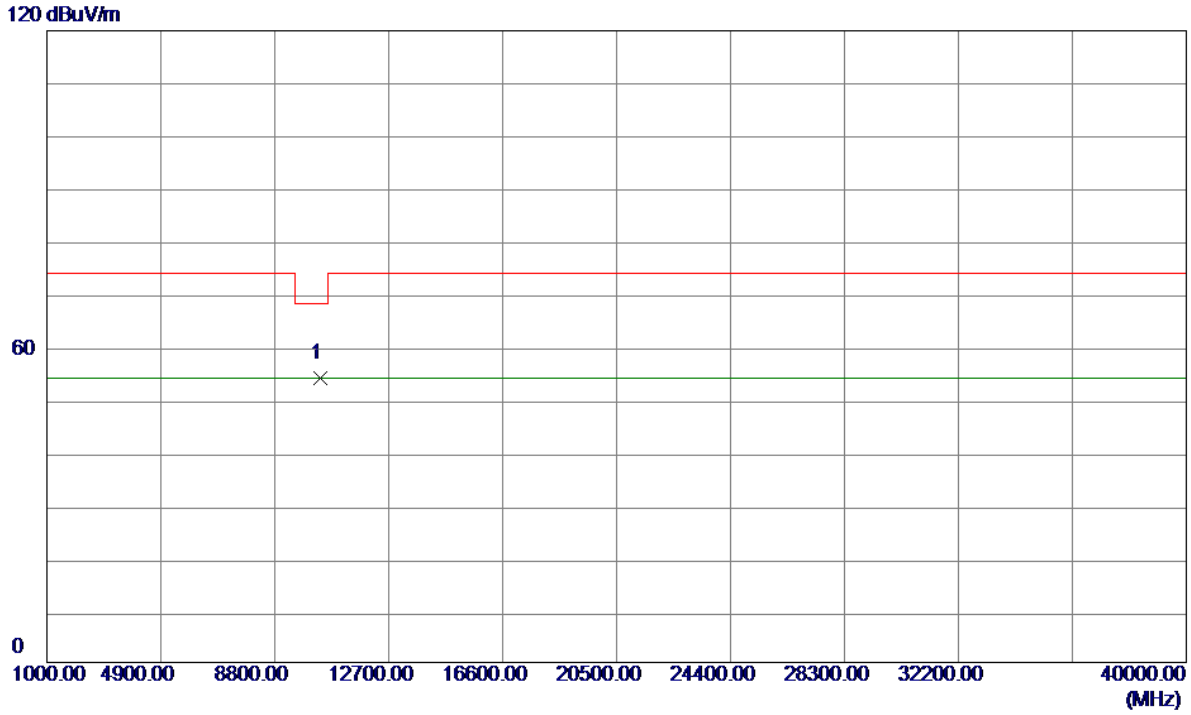
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.3600	14.73	37.54	52.27	74.00	-21.73	Peak	
2	5149.3600	4.35	37.54	41.89	54.00	-12.11	AVG	
3	5180.0000	67.24	37.57	104.81	74.00	30.81	Peak	No Limit
4 *	5180.0000	58.21	37.57	95.78	54.00	41.78	AVG	No Limit

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

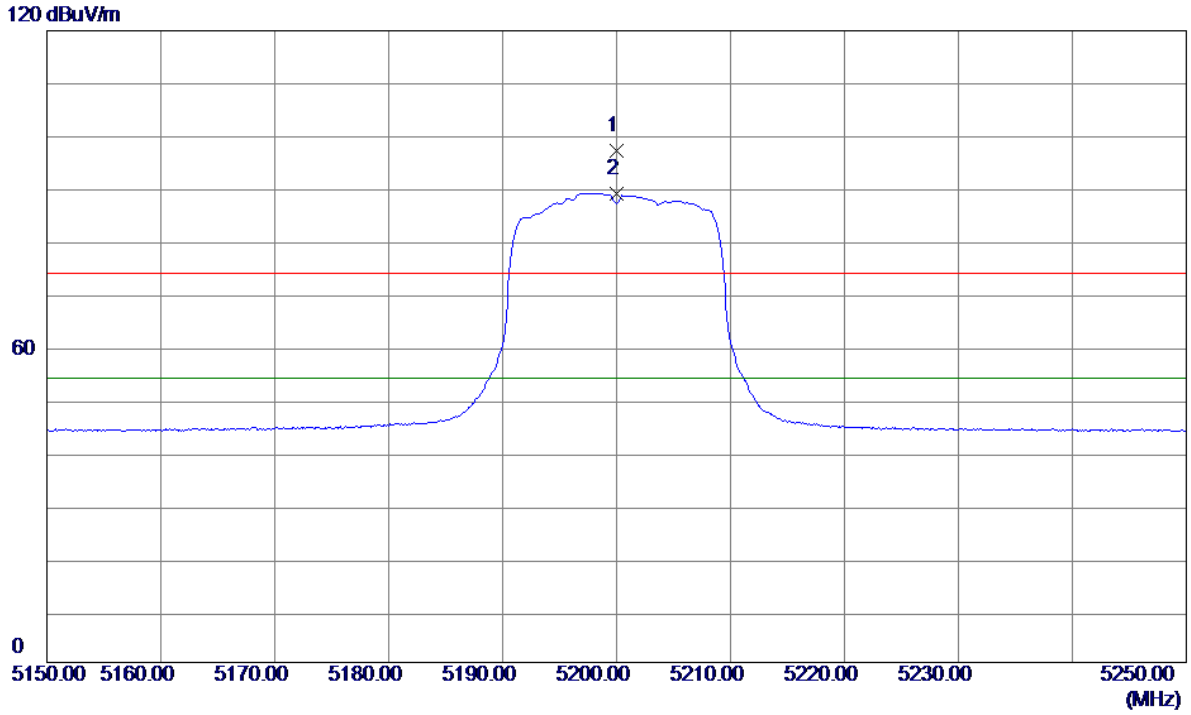
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.0000	52.06	1.93	53.99	68.20	-14.21	Peak	

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

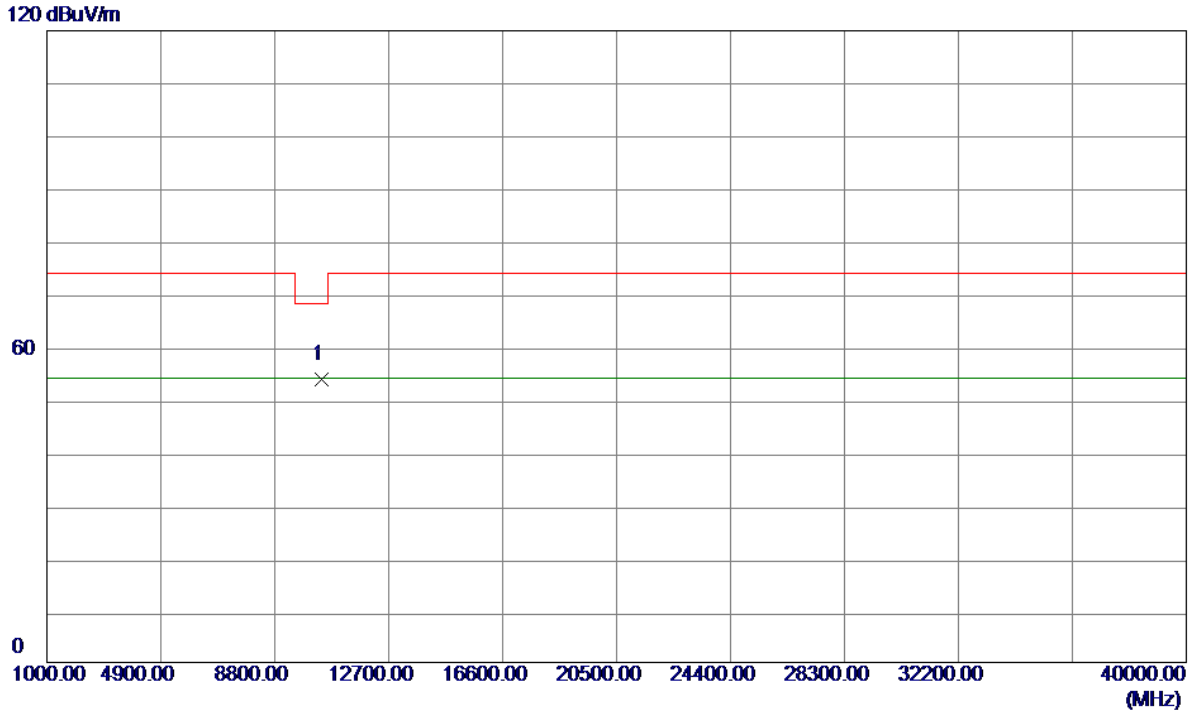
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5200.0000	59.55	37.60	97.15	74.00	23.15	Peak	No Limit
2 *	5200.0000	51.54	37.60	89.14	54.00	35.14	AVG	No Limit

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

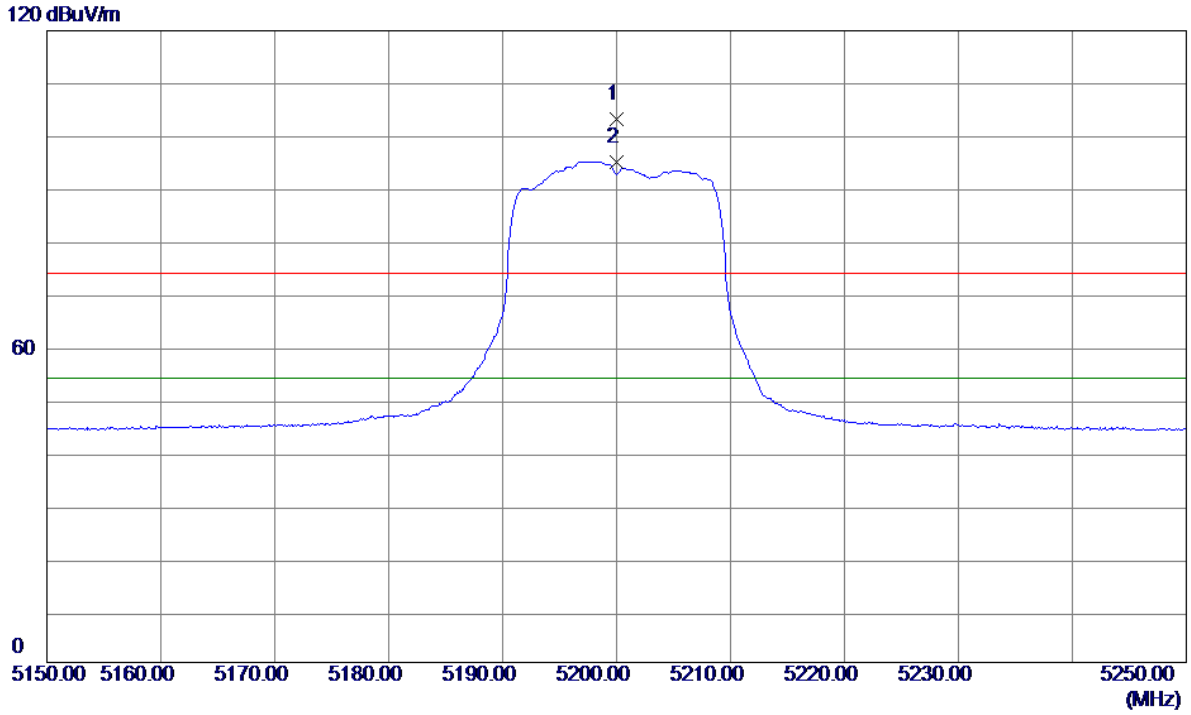
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0000	51.75	1.94	53.69	68.20	-14.51	Peak	

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

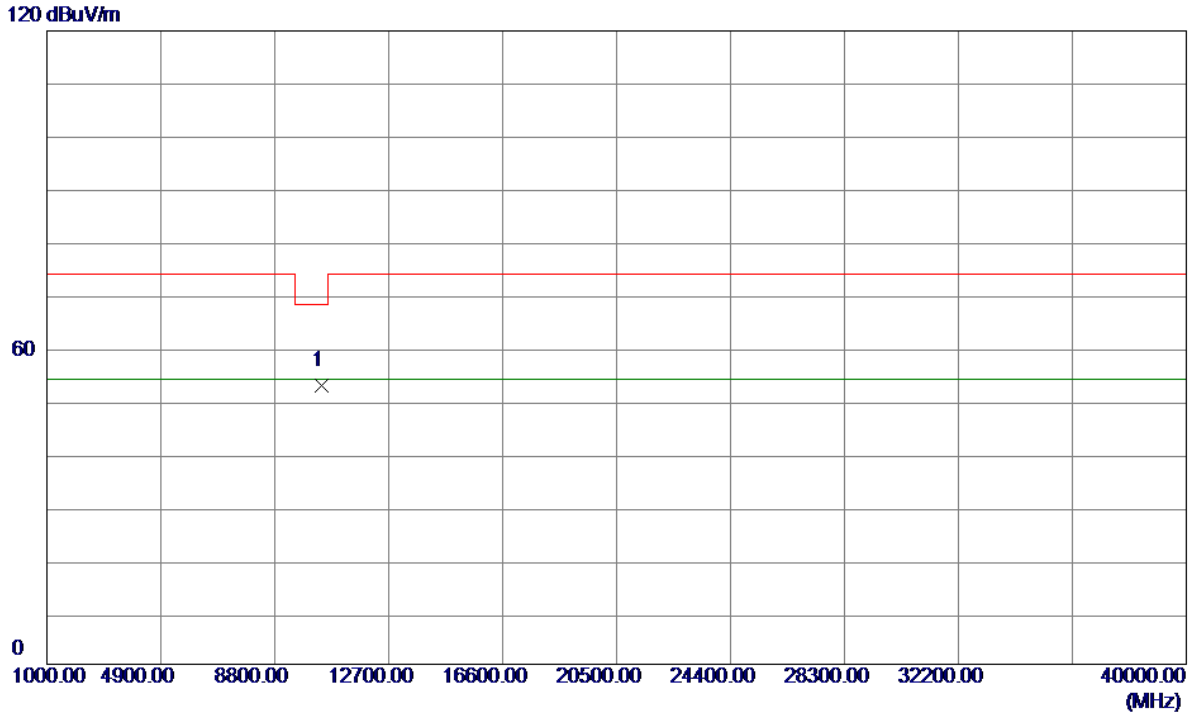
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5200.0000	65.61	37.60	103.21	74.00	29.21	Peak	No Limit
2 *	5200.0000	57.53	37.60	95.13	54.00	41.13	AVG	No Limit

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

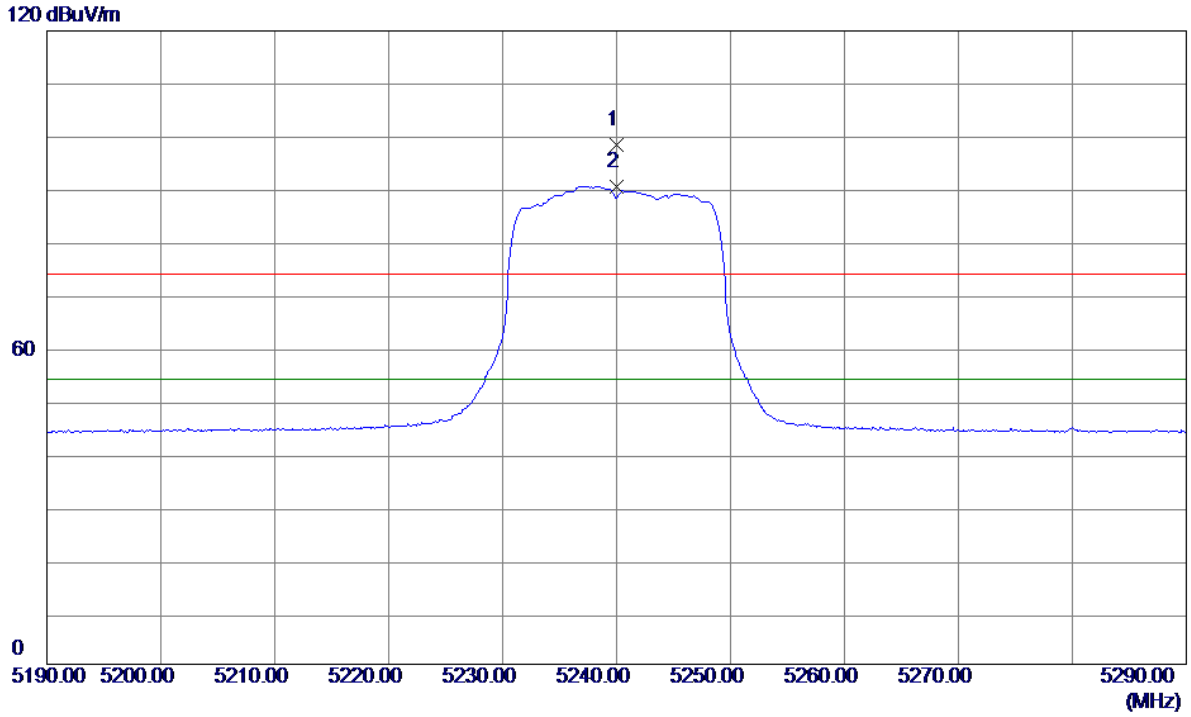
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0000	50.96	1.94	52.90	68.20	-15.30	Peak	

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

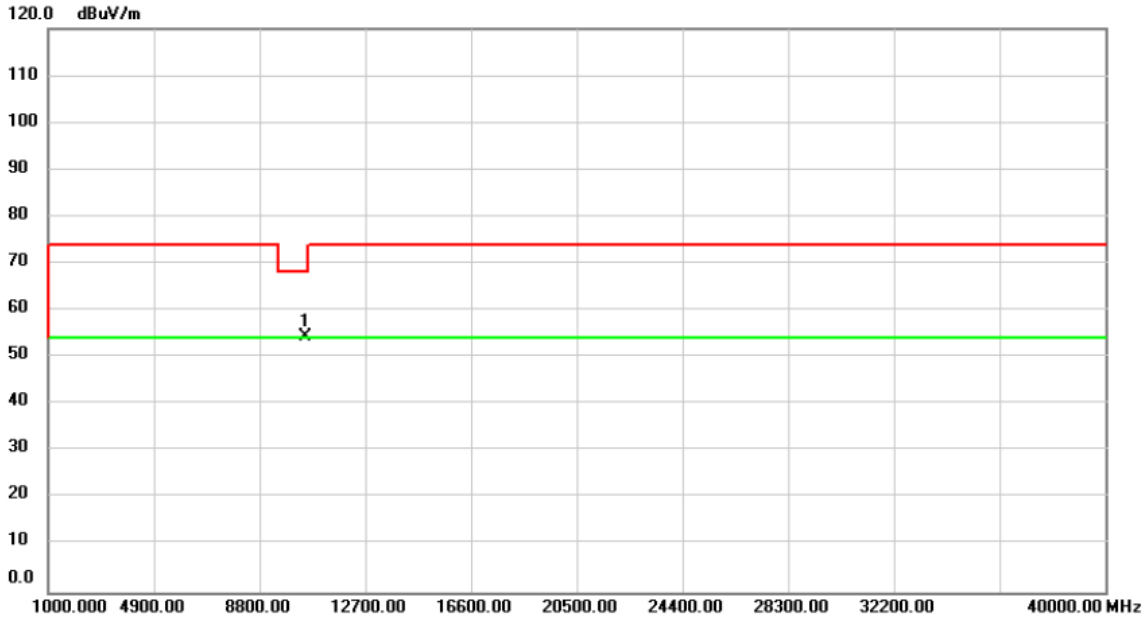
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5240.0000	60.81	37.64	98.45	74.00	24.45	Peak	No Limit
2 *	5240.0000	52.89	37.64	90.53	54.00	36.53	AVG	No Limit

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

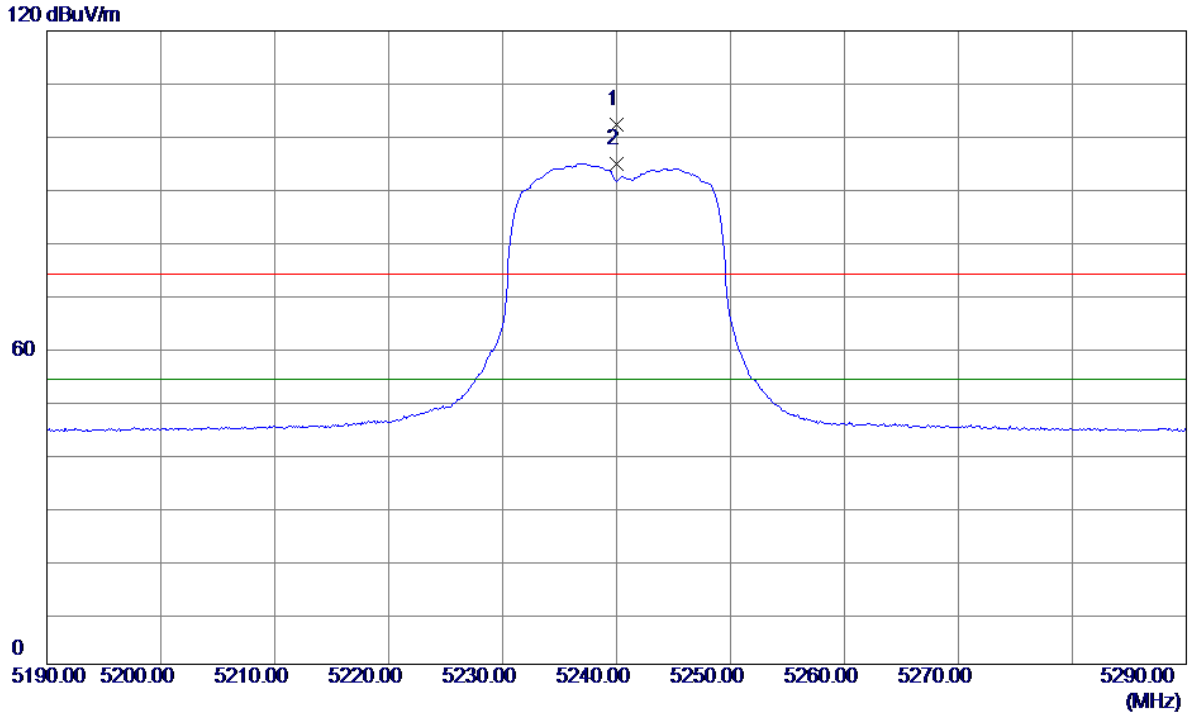
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.00	52.59	1.96	54.55	68.20	-13.65	peak			

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

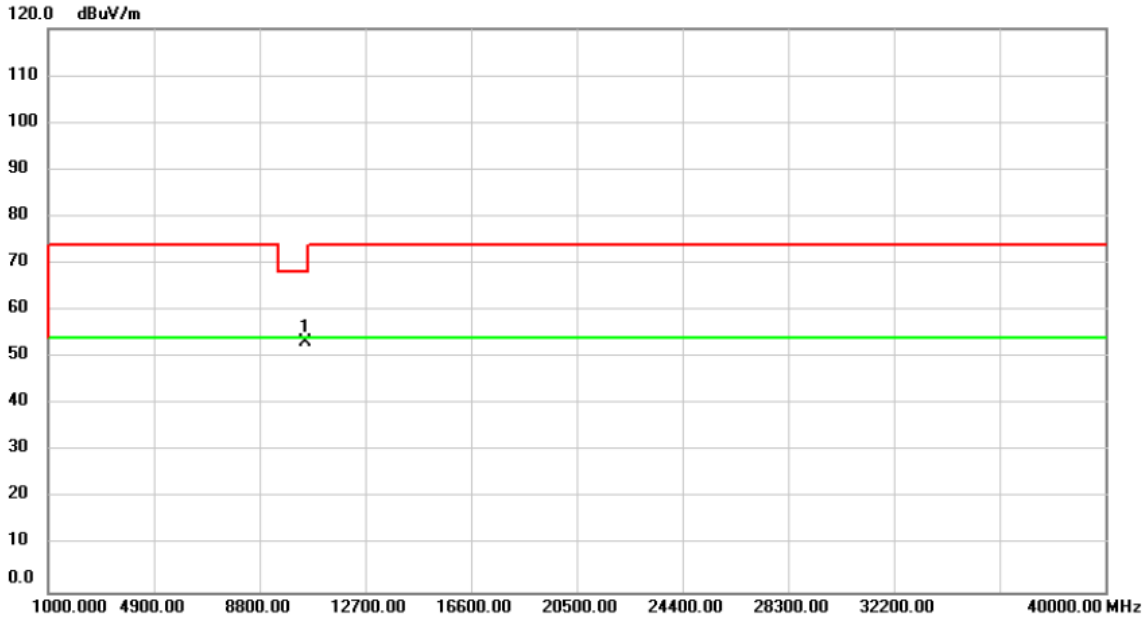
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5240.0000	64.64	37.64	102.28	74.00	28.28	Peak	No Limit
2 *	5240.0000	57.21	37.64	94.85	54.00	40.85	AVG	No Limit

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

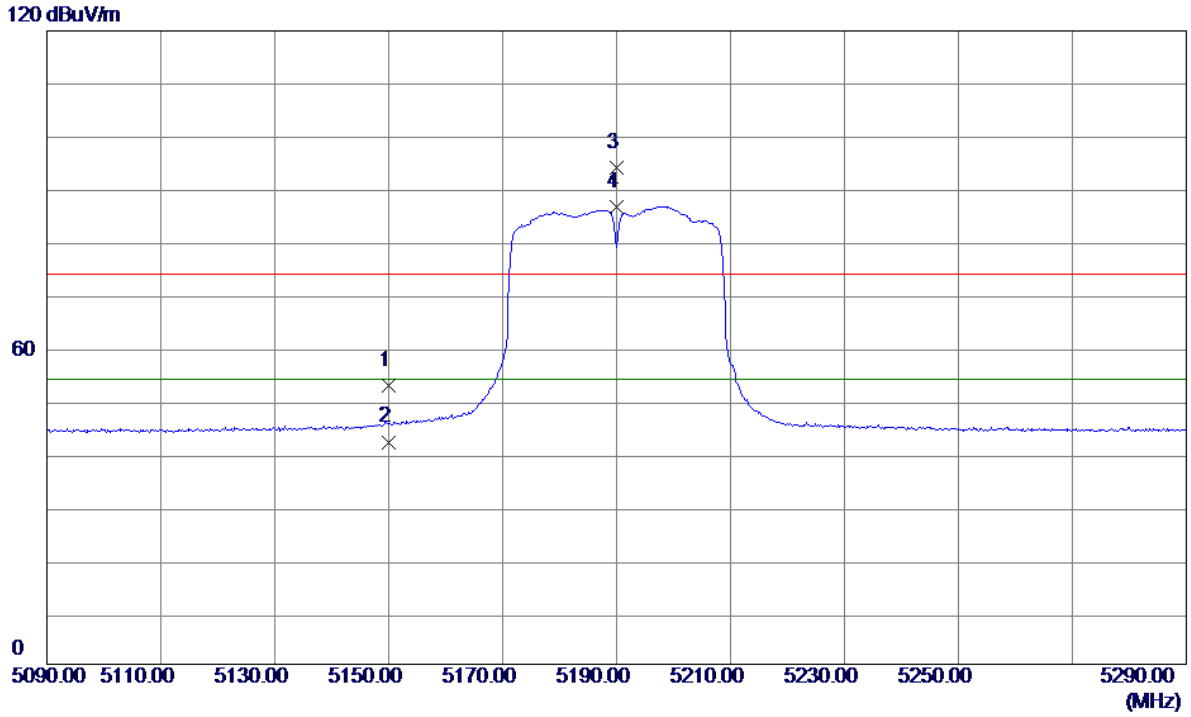
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10480.00	51.40	1.96	53.36	68.20	-14.84	peak			

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

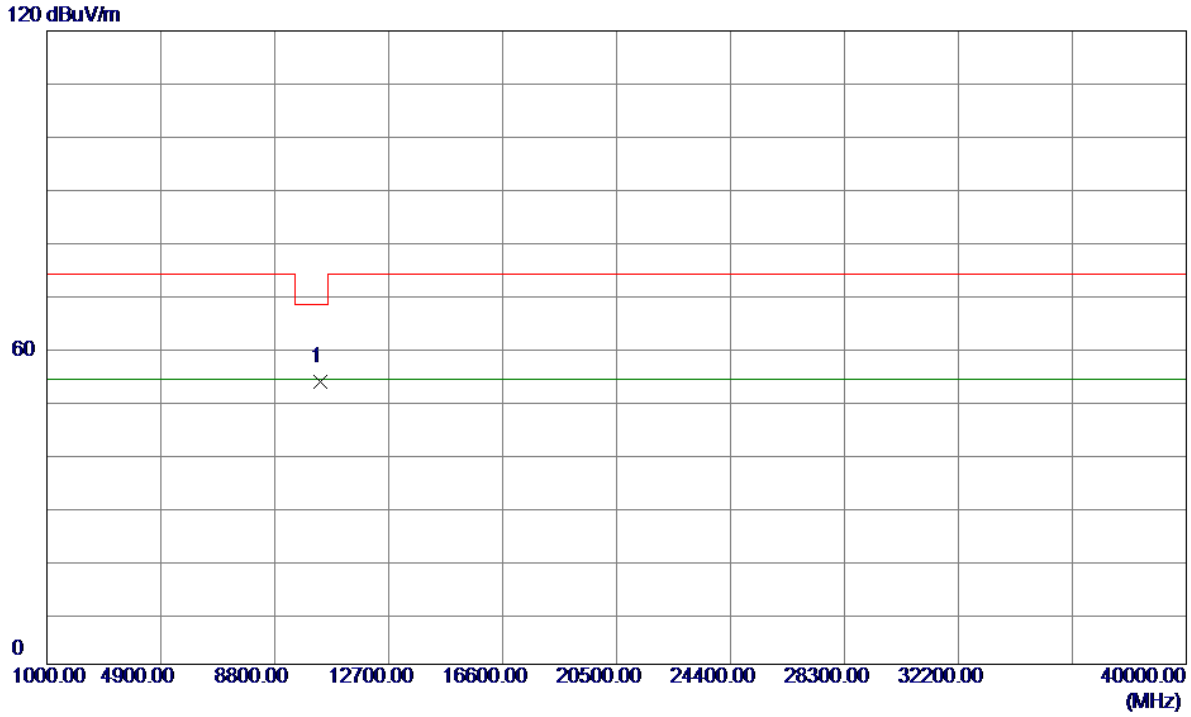
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5149.9400	15.27	37.54	52.81	74.00	-21.19	Peak	
2	5149.9400	4.58	37.54	42.12	54.00	-11.88	AVG	
3	5190.0000	56.53	37.59	94.12	74.00	20.12	Peak	No Limit
4 *	5190.0000	49.05	37.59	86.64	54.00	32.64	AVG	No Limit

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

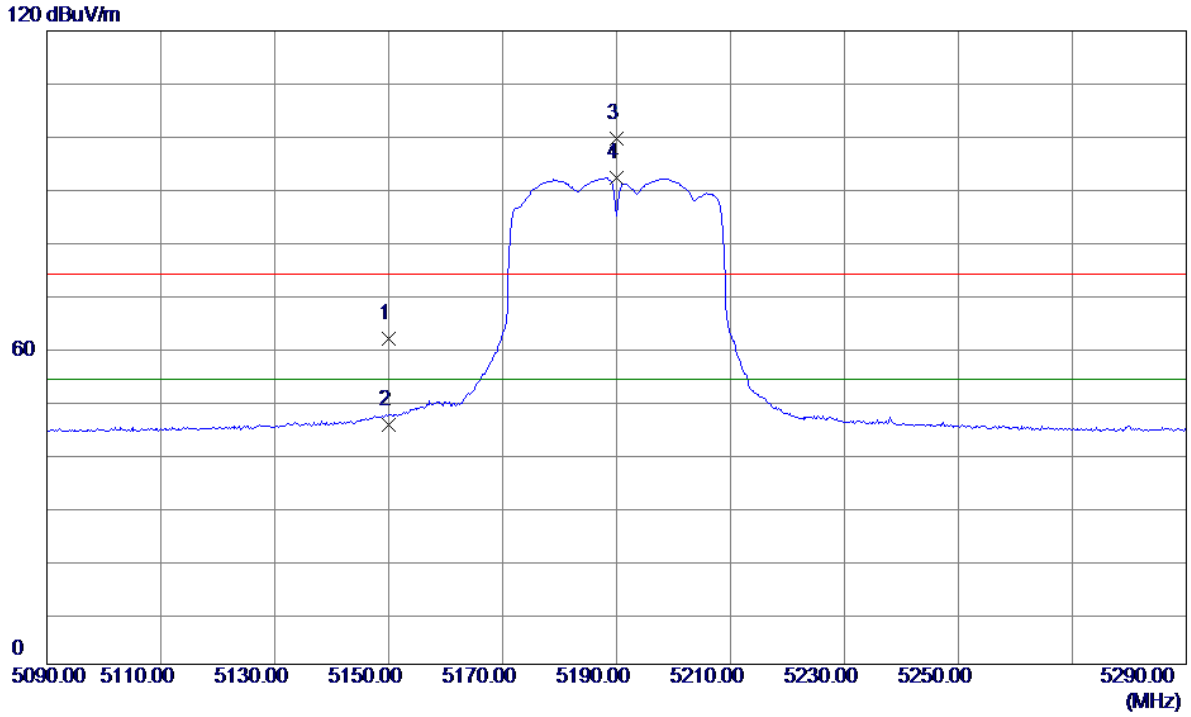
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.0000	51.56	1.94	53.50	68.20	-14.70	Peak	

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

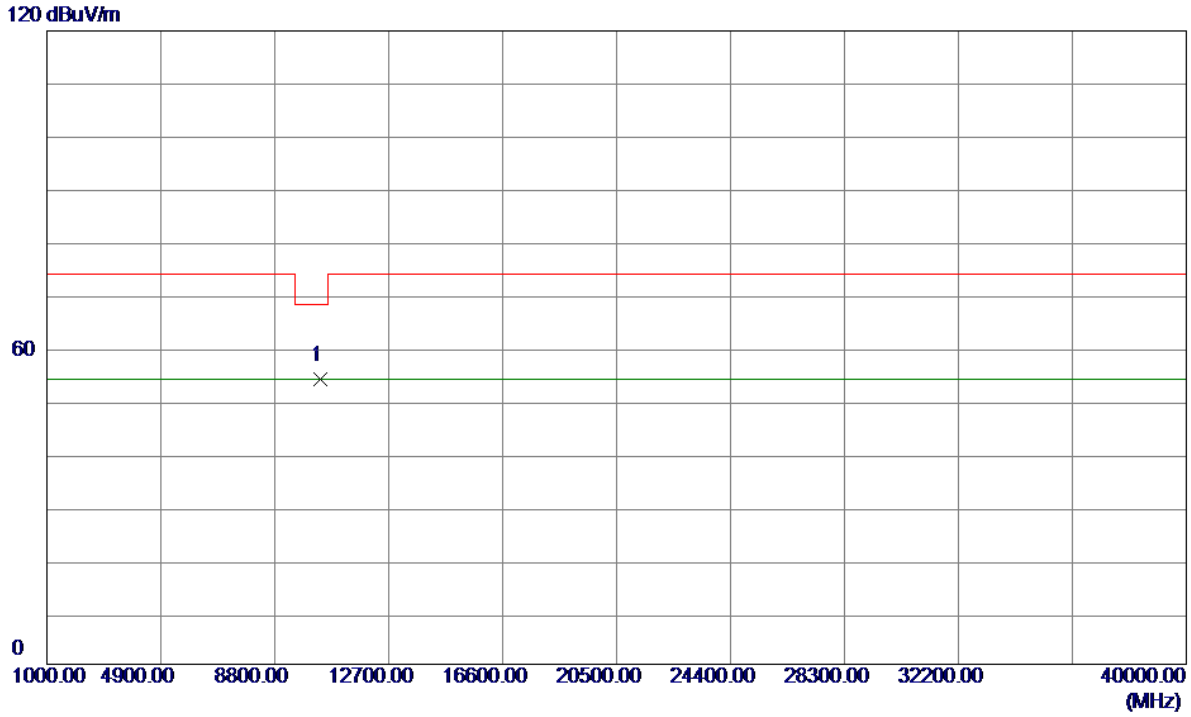
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.15	37.54	61.69	74.00	-12.31	Peak	
2	5150.0000	7.91	37.54	45.45	54.00	-8.55	AVG	
3	5190.0000	61.95	37.59	99.54	74.00	25.54	Peak	No Limit
4 *	5190.0000	54.48	37.59	92.07	54.00	38.07	AVG	No Limit

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

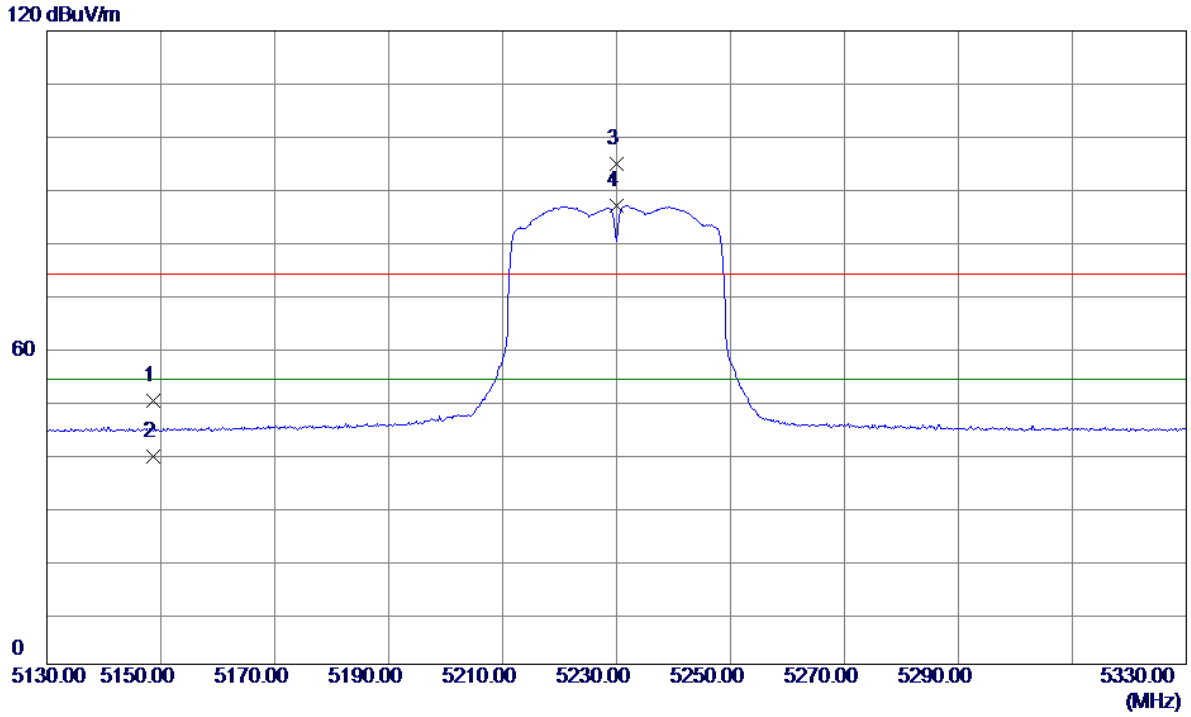
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10380.0000	51.94	1.94	53.88	68.20	-14.32	Peak	

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

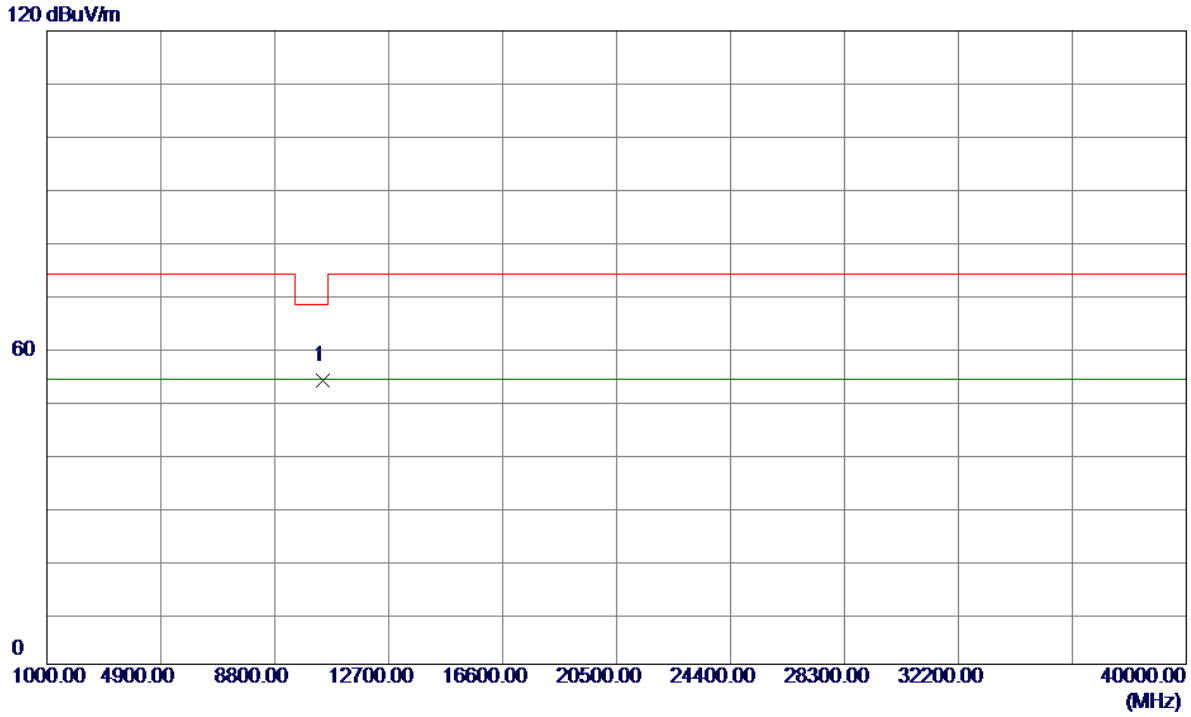
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5148.7000	12.42	37.54	49.96	74.00	-24.04	Peak	
2	5148.7000	1.92	37.54	39.46	54.00	-14.54	AVG	
3	5230.0000	57.24	37.63	94.87	74.00	20.87	Peak	No Limit
4 *	5230.0000	49.21	37.63	86.84	54.00	32.84	AVG	No Limit

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

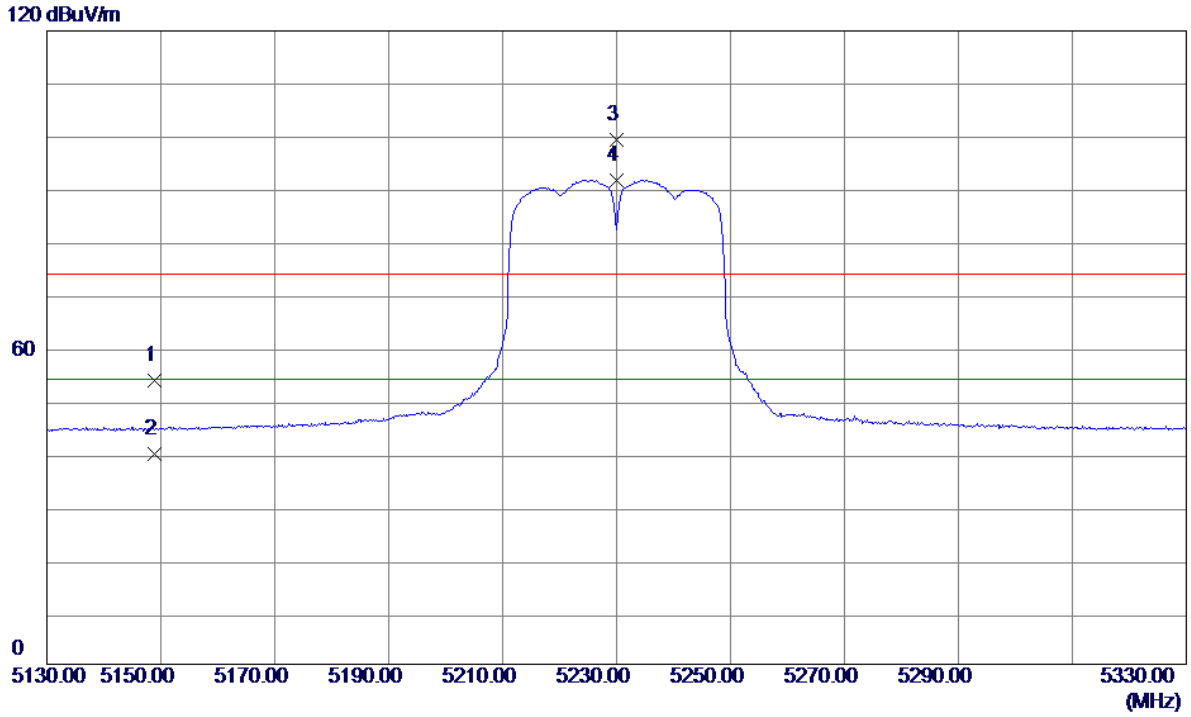
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.0000	51.81	1.96	53.77	68.20	-14.43	Peak	

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

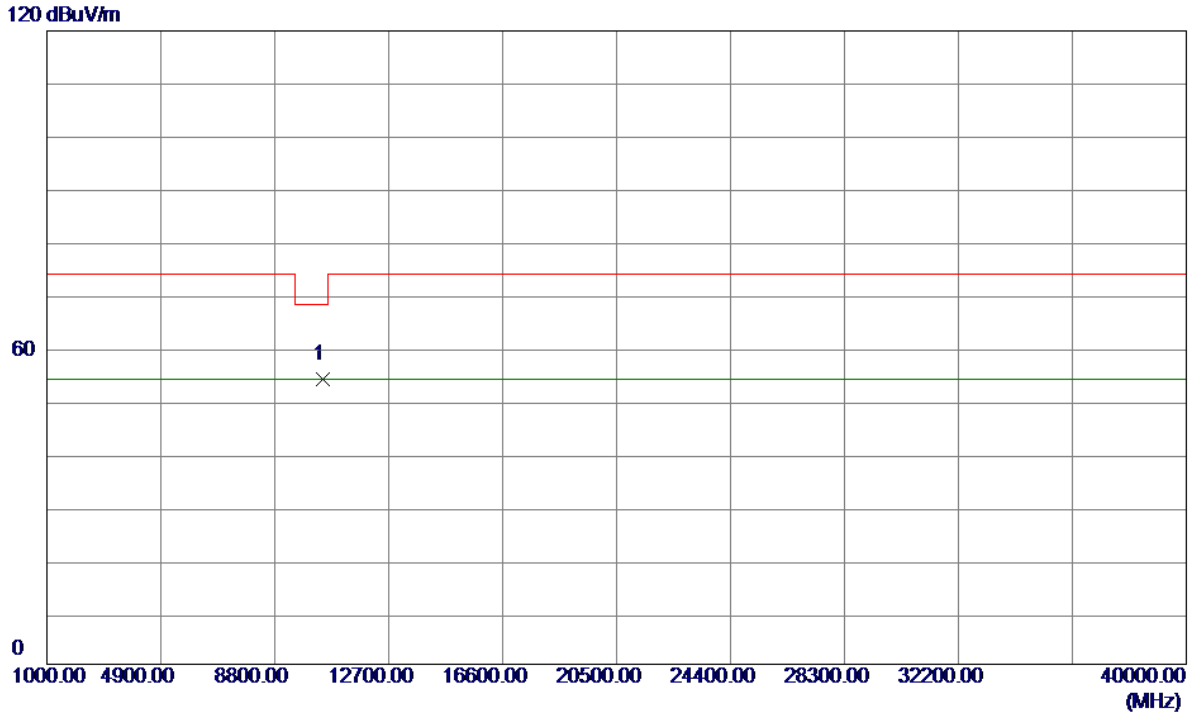
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5148.9200	16.11	37.54	53.65	74.00	-20.35	Peak	
2	5148.9200	2.23	37.54	39.77	54.00	-14.23	AVG	
3	5230.0000	61.72	37.63	99.35	74.00	25.35	Peak	No Limit
4 *	5230.0000	54.04	37.63	91.67	54.00	37.67	AVG	No Limit

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

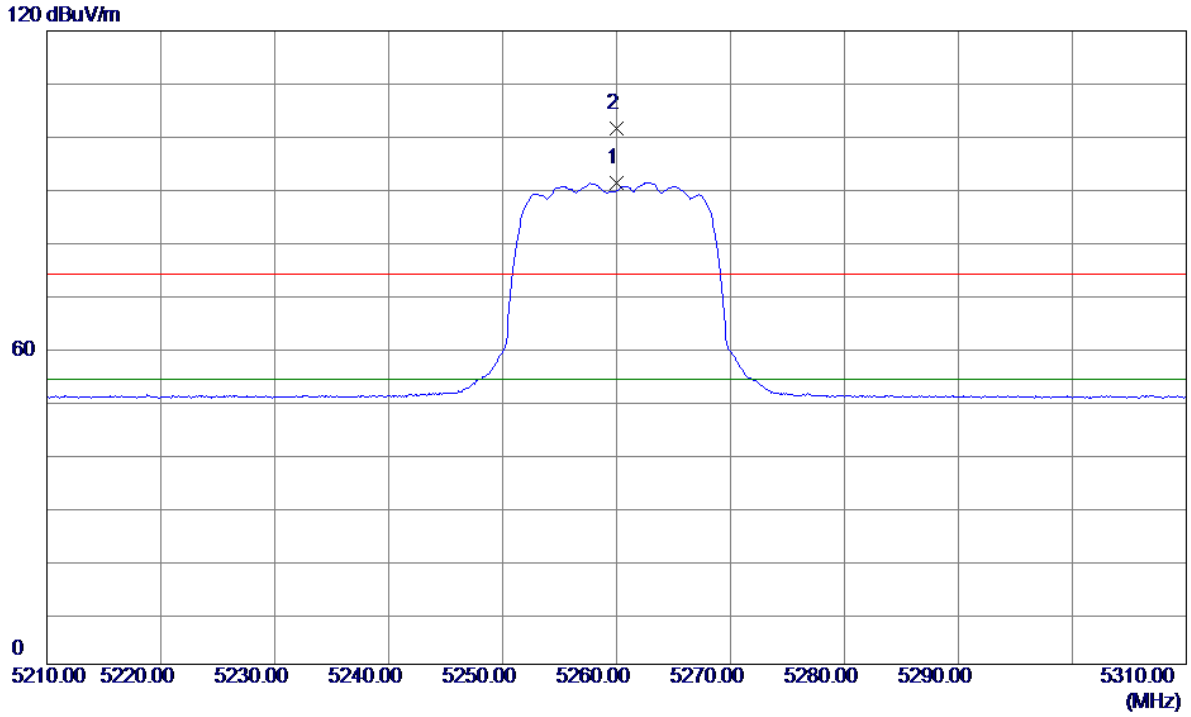
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10460.0000	52.01	1.96	53.97	68.20	-14.23	Peak	

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

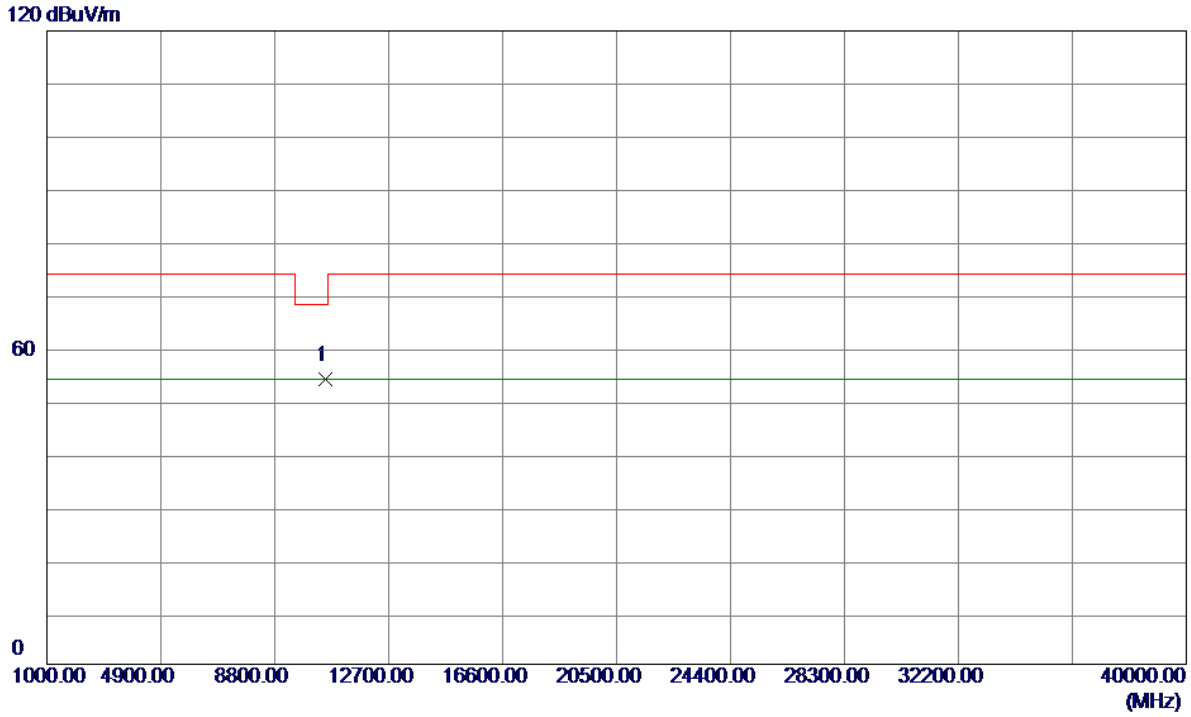
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5260.0000	53.62	37.66	91.28	74.00	17.28	Peak	No Limit
2 *	5260.0000	63.79	37.66	101.45	74.00	27.45	Peak	No Limit

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

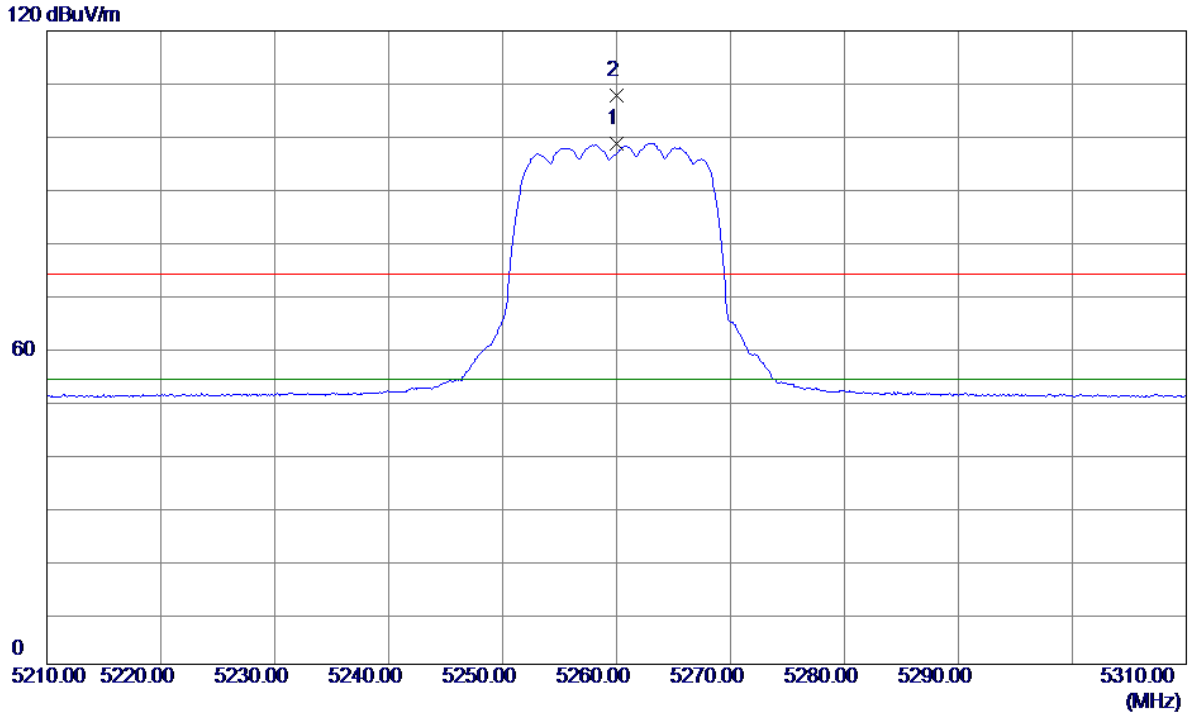
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.0000	51.87	2.01	53.88	68.20	-14.32	Peak	

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

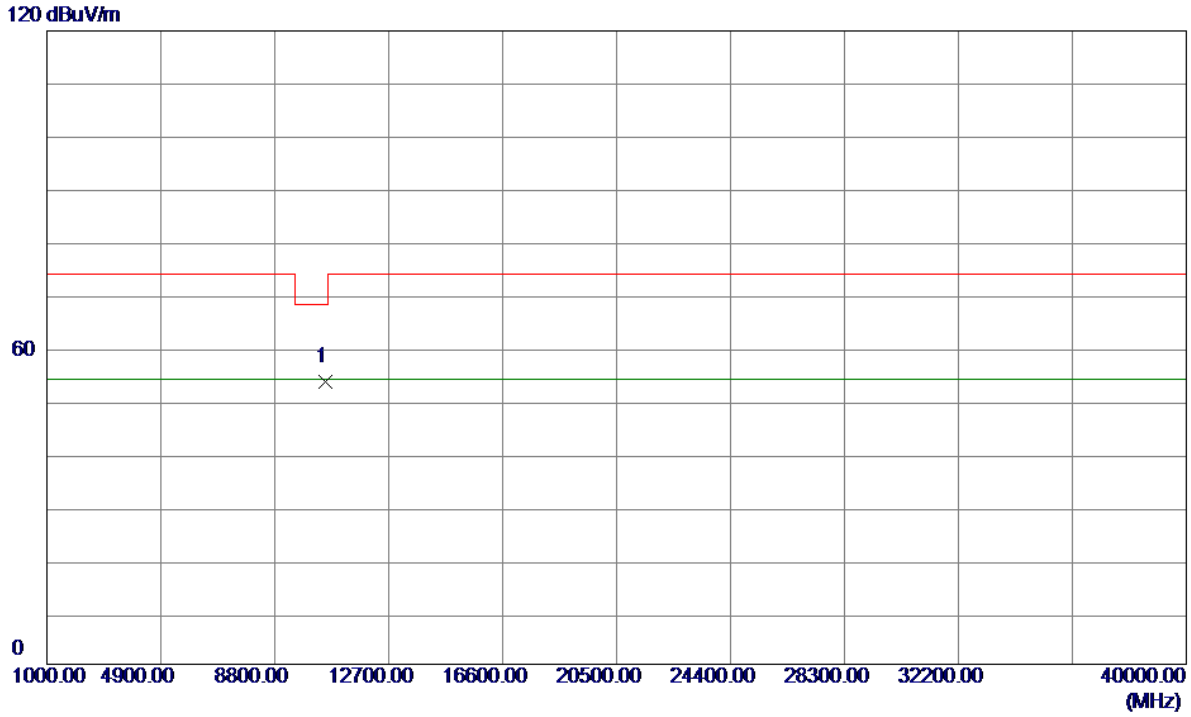
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5260.0000	60.98	37.66	98.64	74.00	24.64	Peak	No Limit
2 *	5260.0000	70.04	37.66	107.70	74.00	33.70	Peak	No Limit

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

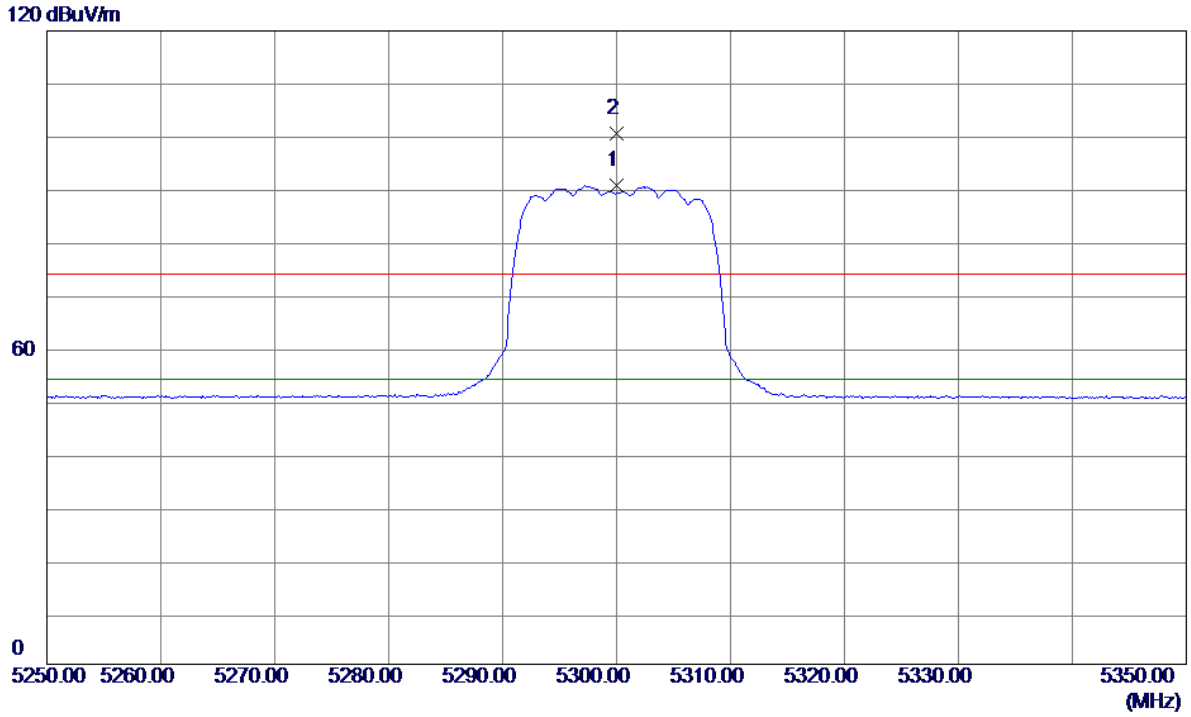
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.0000	51.59	2.01	53.60	68.20	-14.60	Peak	

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

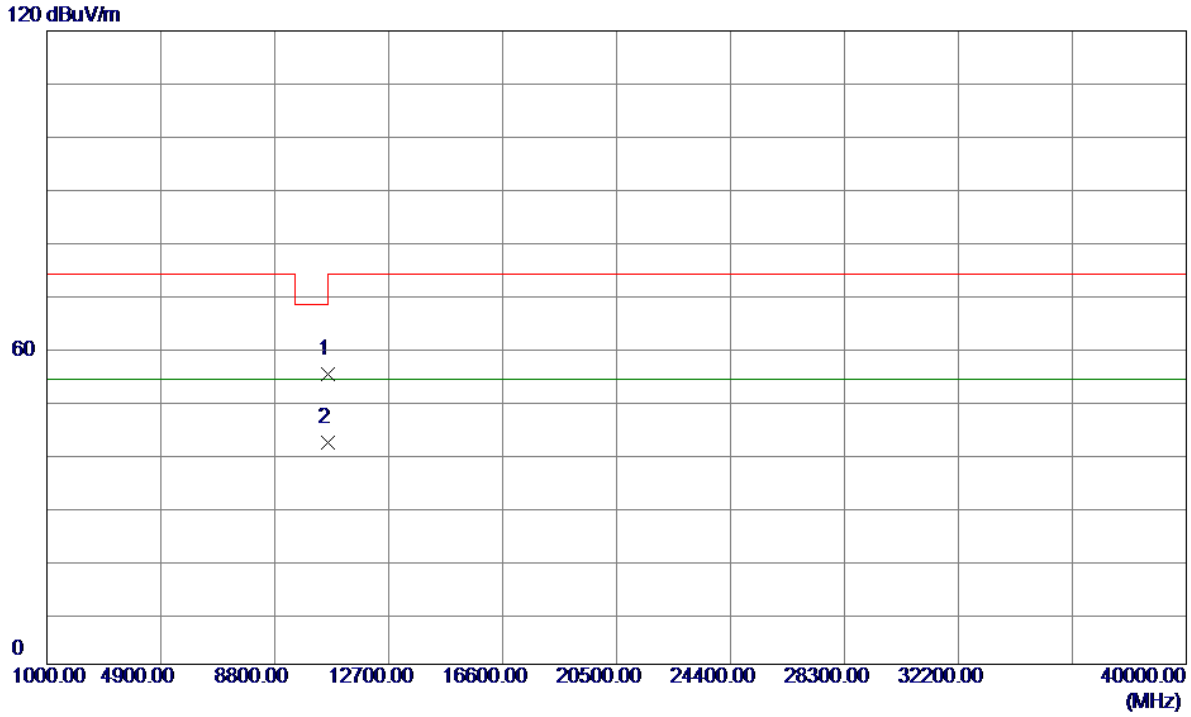
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5300.0000	52.91	37.70	90.61	74.00	16.61	Peak	No Limit
2 *	5300.0000	62.83	37.70	100.53	74.00	26.53	Peak	No Limit

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

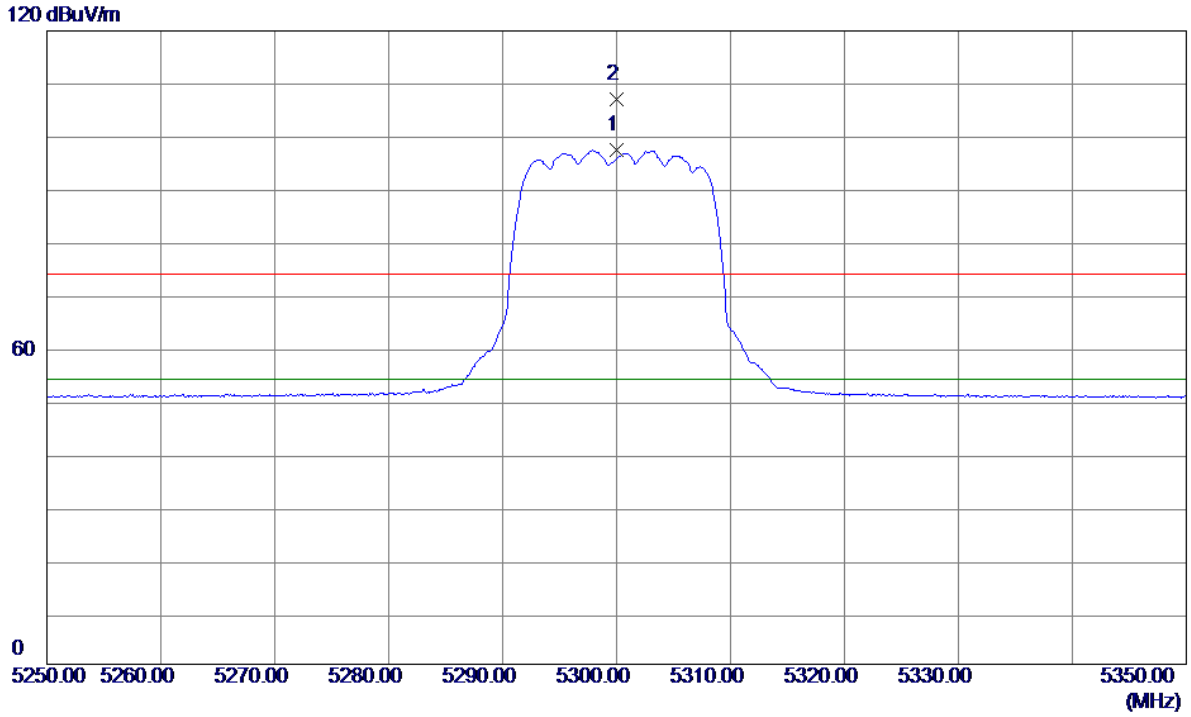
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10600.1000	52.69	2.15	54.84	74.00	-19.16	Peak	
2 *	10600.1000	39.75	2.15	41.90	54.00	-12.10	AVG	

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

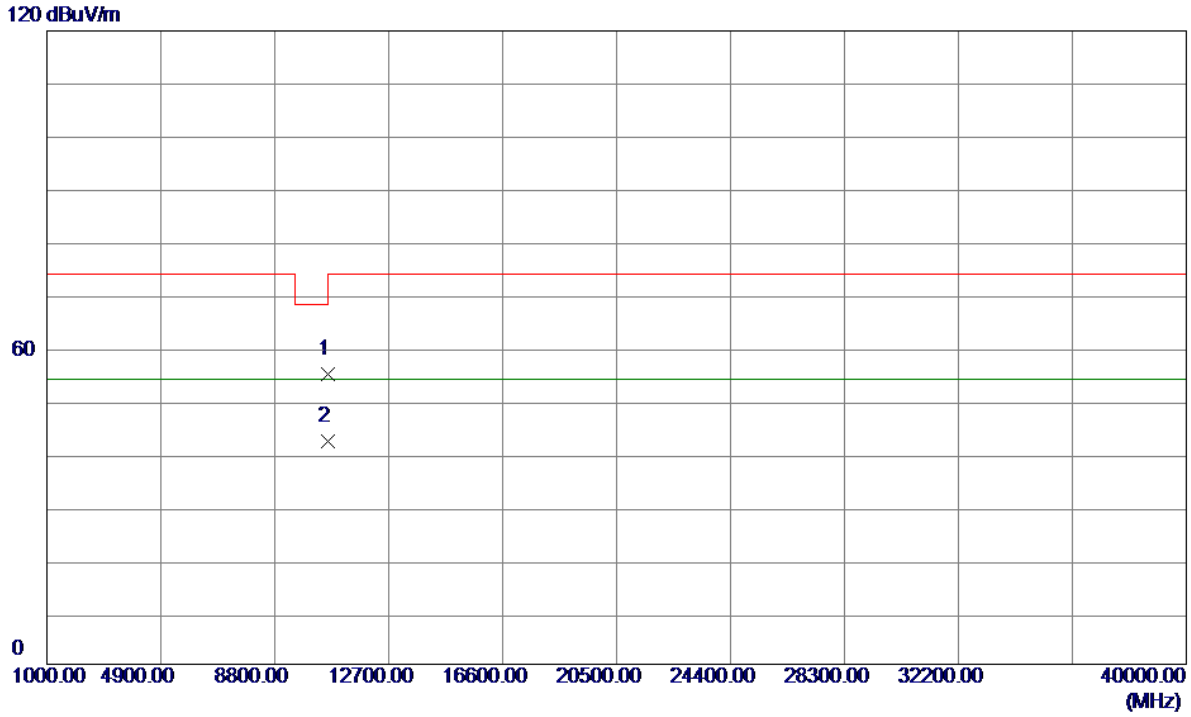
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5300.0000	59.71	37.70	97.41	74.00	23.41	Peak	No Limit
2 *	5300.0000	69.44	37.70	107.14	74.00	33.14	Peak	No Limit

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

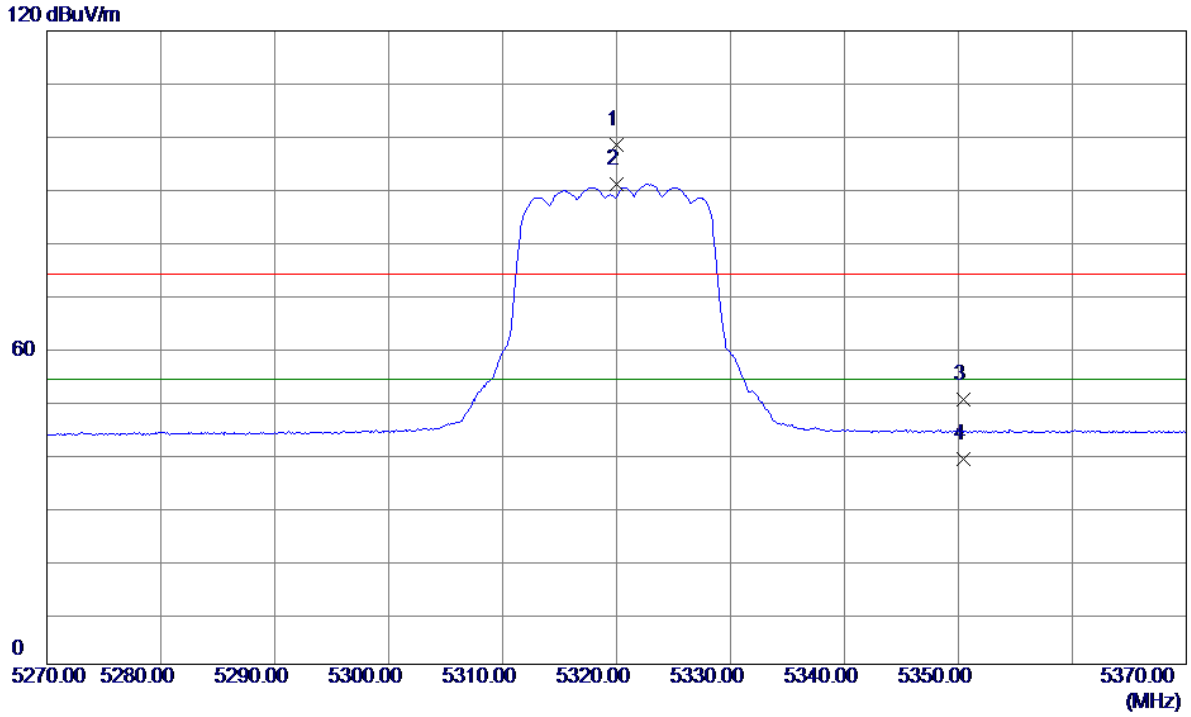
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10600.1000	52.82	2.15	54.97	74.00	-19.03	Peak	
2 *	10600.1000	40.02	2.15	42.17	54.00	-11.83	AVG	

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

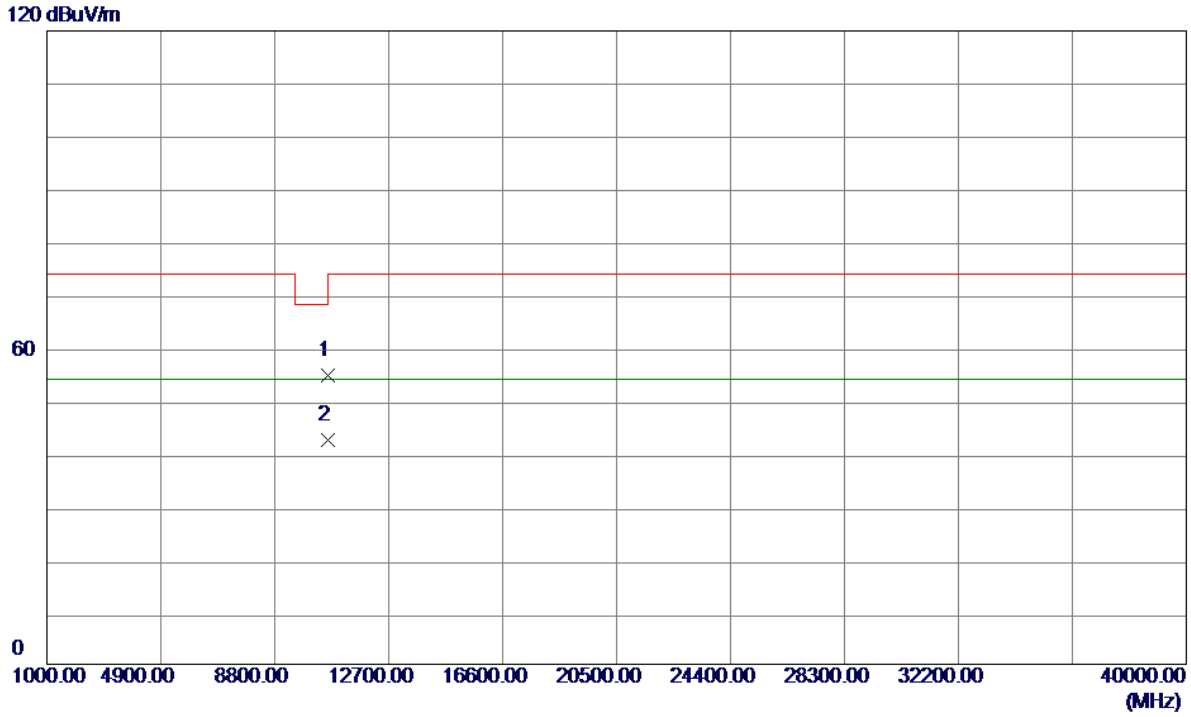
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5320.0000	60.72	37.73	98.45	74.00	24.45	Peak	No Limit
2 *	5320.0000	53.21	37.73	90.94	54.00	36.94	AVG	No Limit
3	5350.4800	12.36	37.76	50.12	74.00	-23.88	Peak	
4	5350.4800	1.10	37.76	38.86	54.00	-15.14	AVG	

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

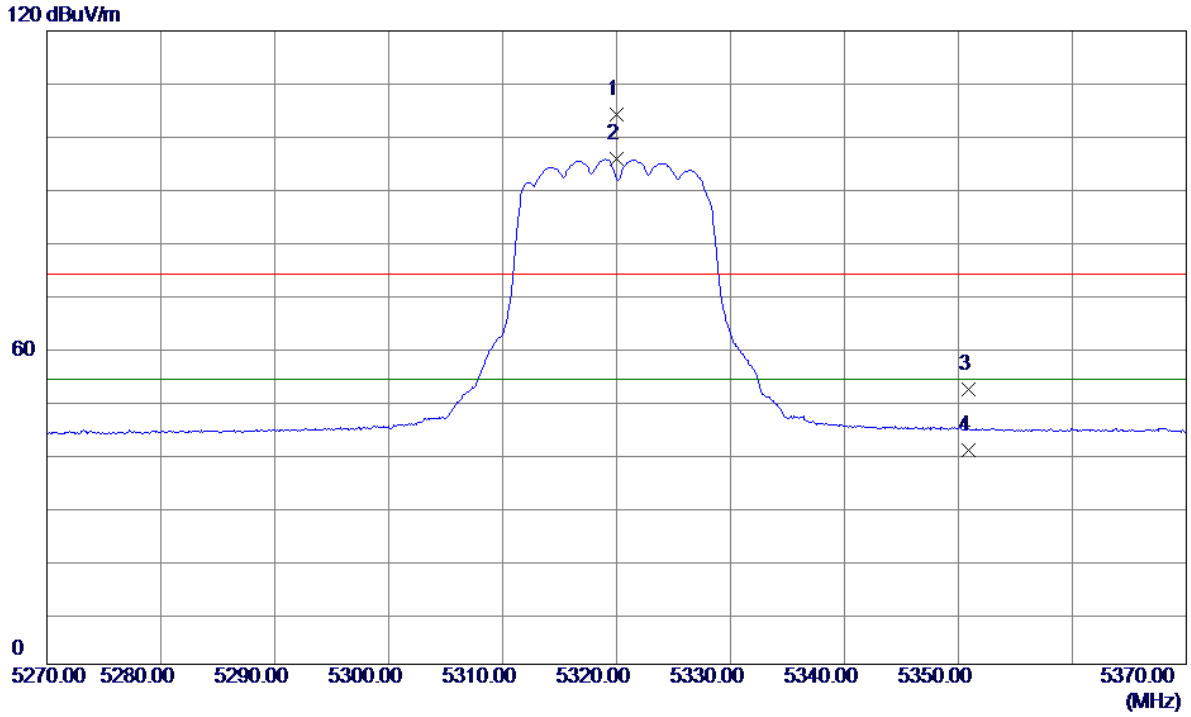
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0000	52.47	2.22	54.69	74.00	-19.31	Peak	
2 *	10640.0000	40.23	2.22	42.45	54.00	-11.55	AVG	

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

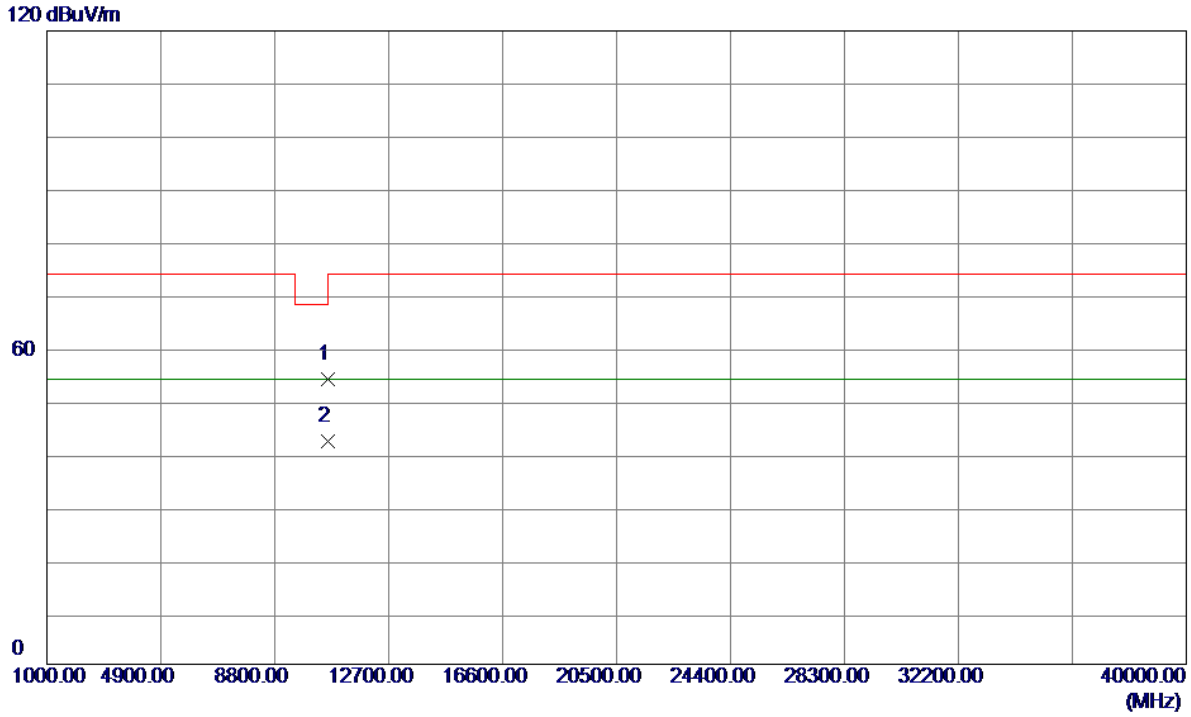
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5320.0000	66.44	37.73	104.17	74.00	30.17	Peak	No Limit
2 *	5320.0000	57.94	37.73	95.67	54.00	41.67	AVG	No Limit
3	5350.9200	14.24	37.76	52.00	74.00	-22.00	Peak	
4	5350.9200	2.71	37.76	40.47	54.00	-13.53	AVG	

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

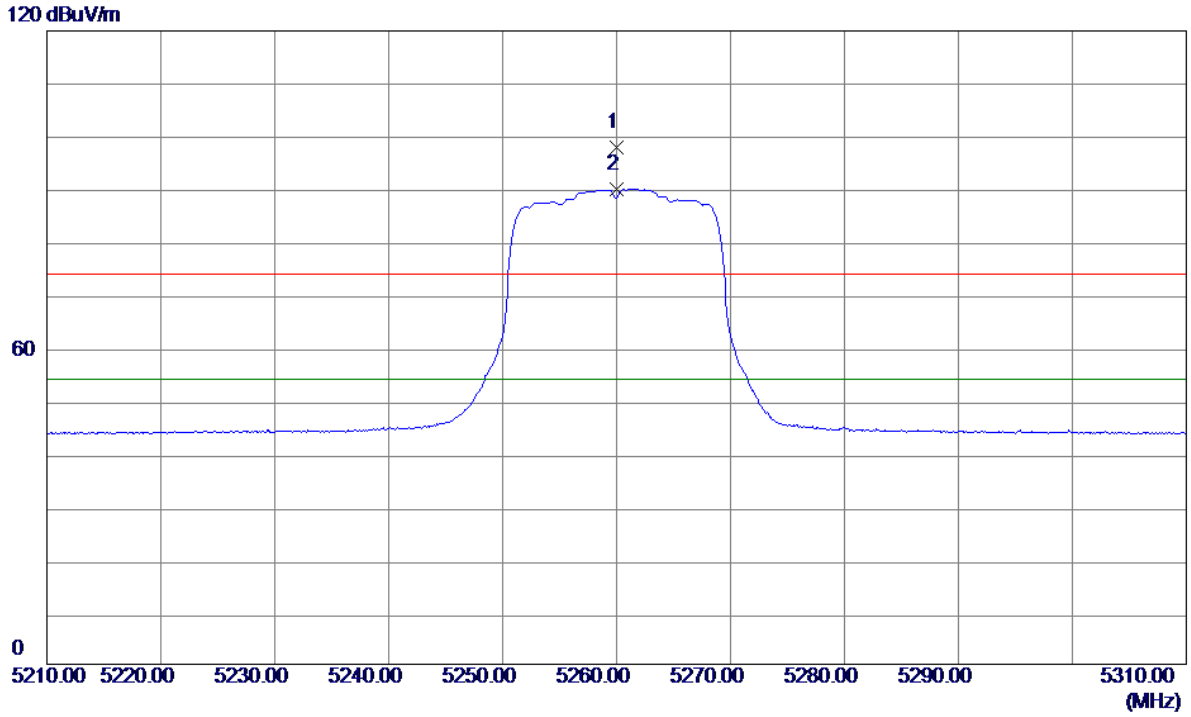
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0000	51.81	2.22	54.03	74.00	-19.97	Peak	
2 *	10640.0000	40.05	2.22	42.27	54.00	-11.73	AVG	

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

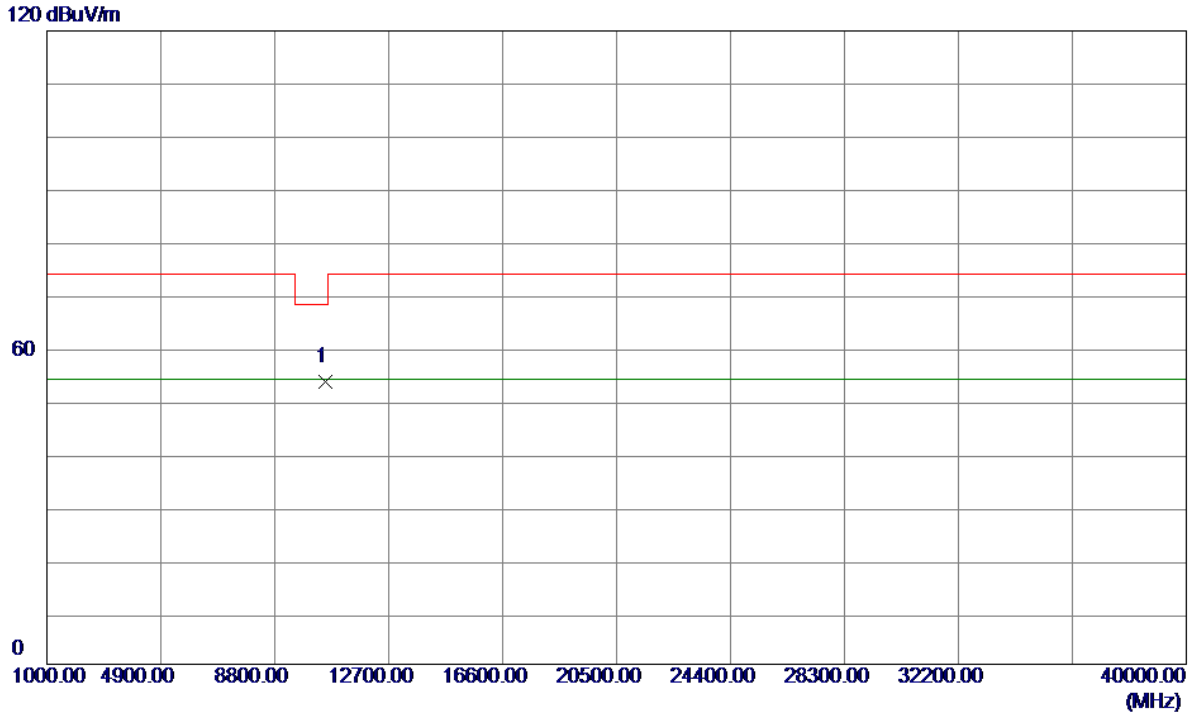
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5260.0000	60.26	37.66	97.92	74.00	23.92	Peak	No Limit
2 *	5260.0000	52.42	37.66	90.08	54.00	36.08	AVG	No Limit

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

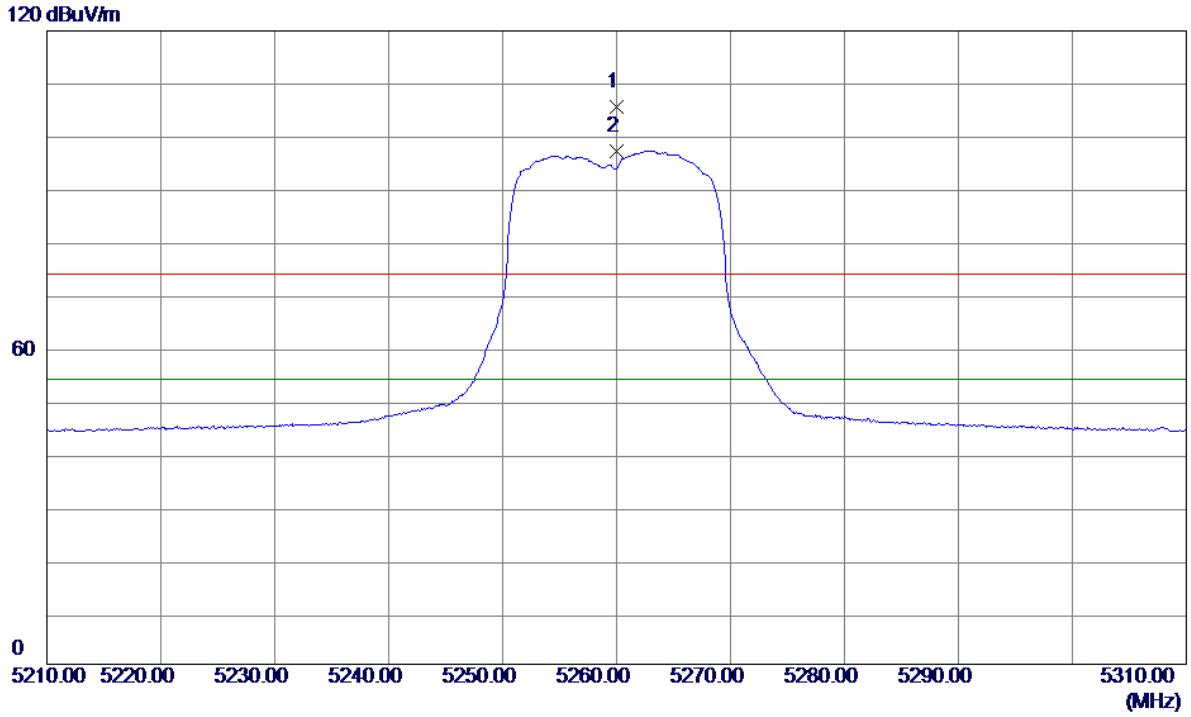
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.0000	51.55	2.01	53.56	68.20	-14.64	Peak	

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

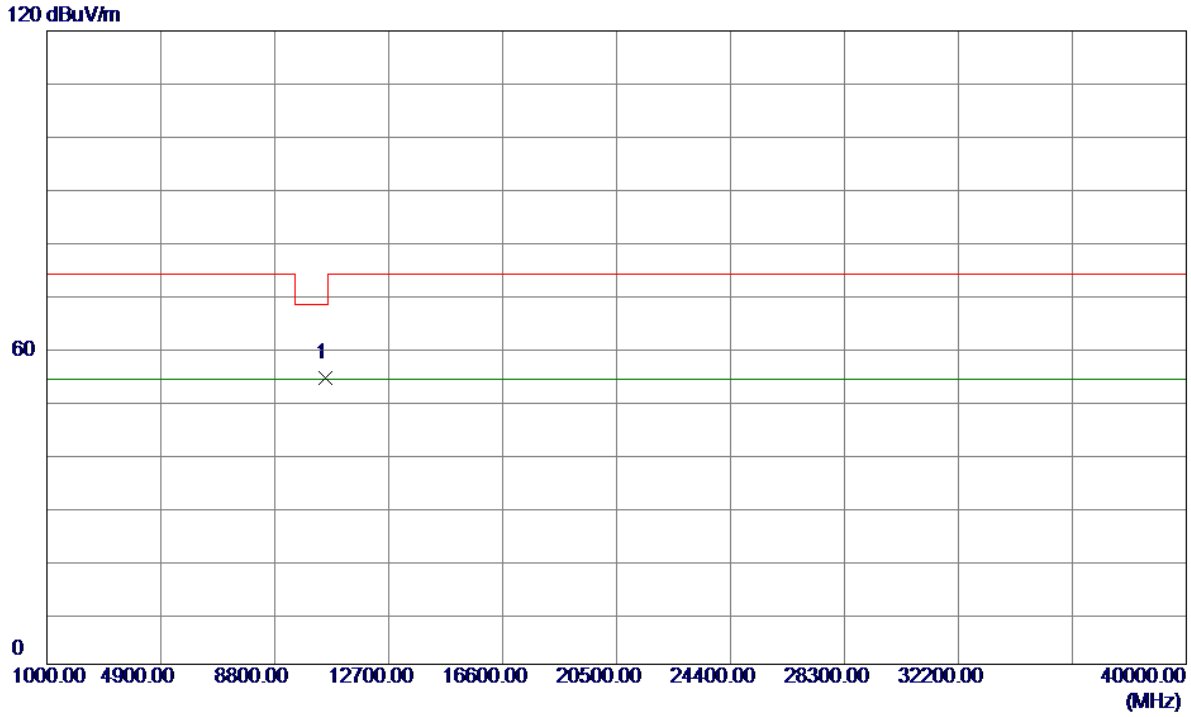
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5260.0000	67.87	37.66	105.53	74.00	31.53	Peak	No Limit
2 *	5260.0000	59.62	37.66	97.28	54.00	43.28	AVG	No Limit

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

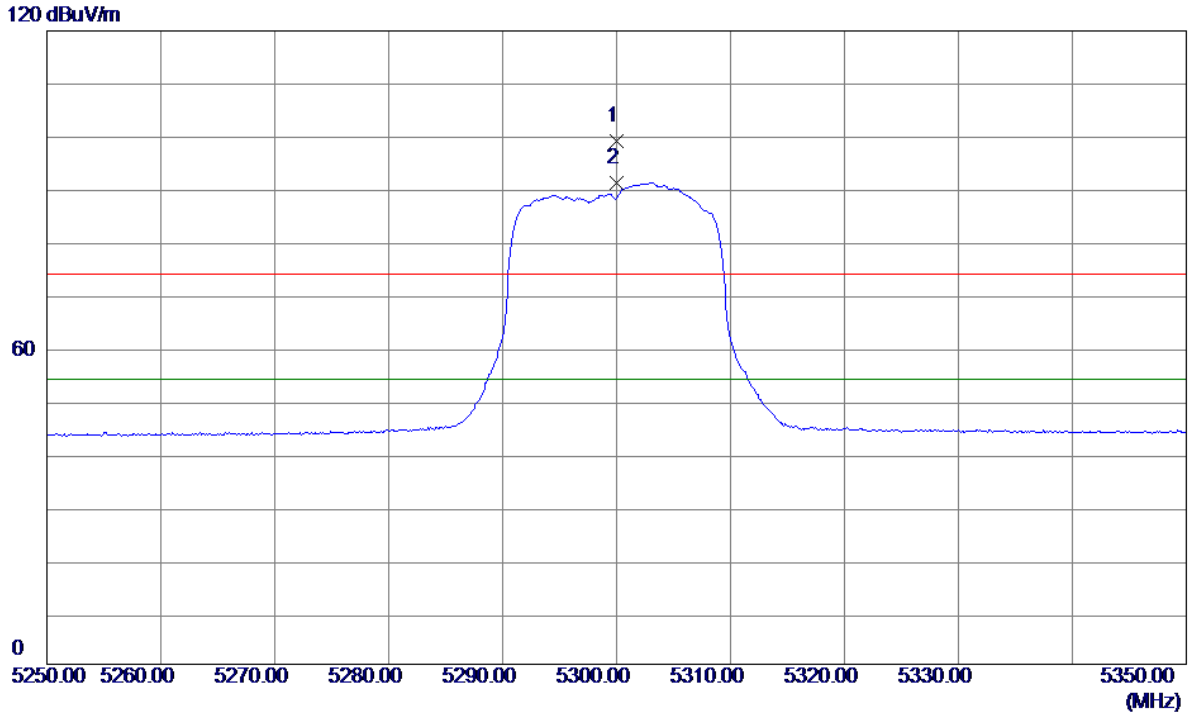
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.0000	52.17	2.01	54.18	68.20	-14.02	Peak	

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

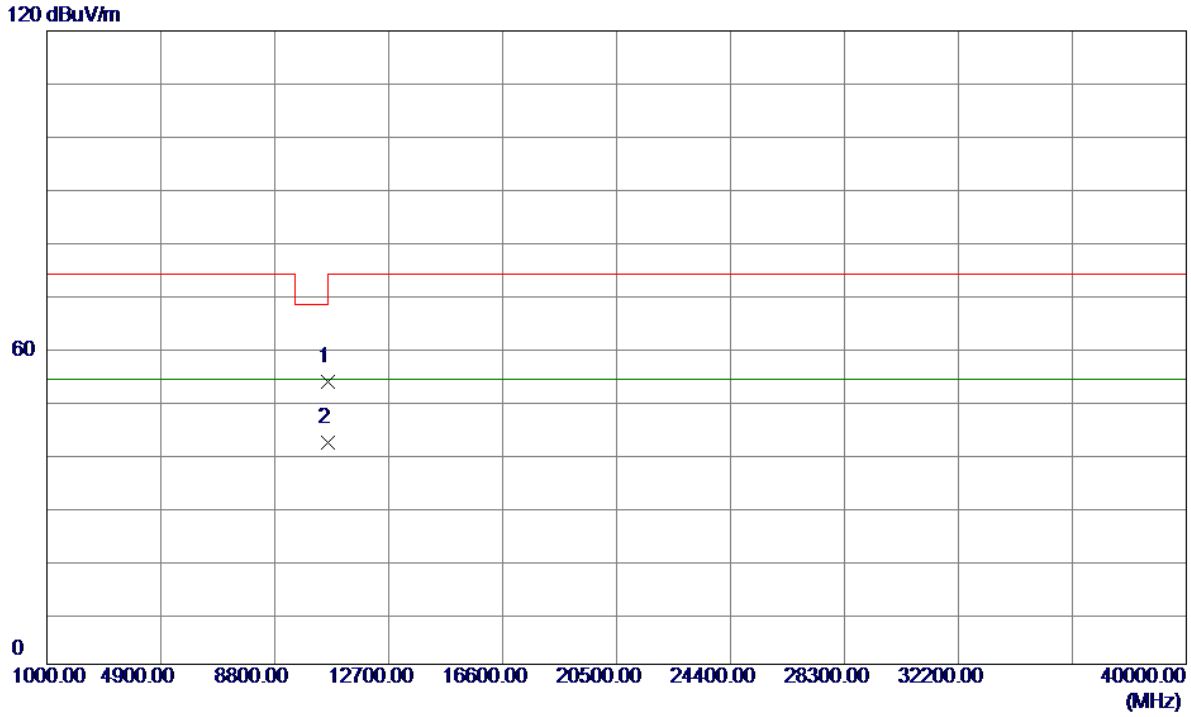
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5300.0000	61.43	37.70	99.13	74.00	25.13	Peak	No Limit
2 *	5300.0000	53.45	37.70	91.15	54.00	37.15	AVG	No Limit

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

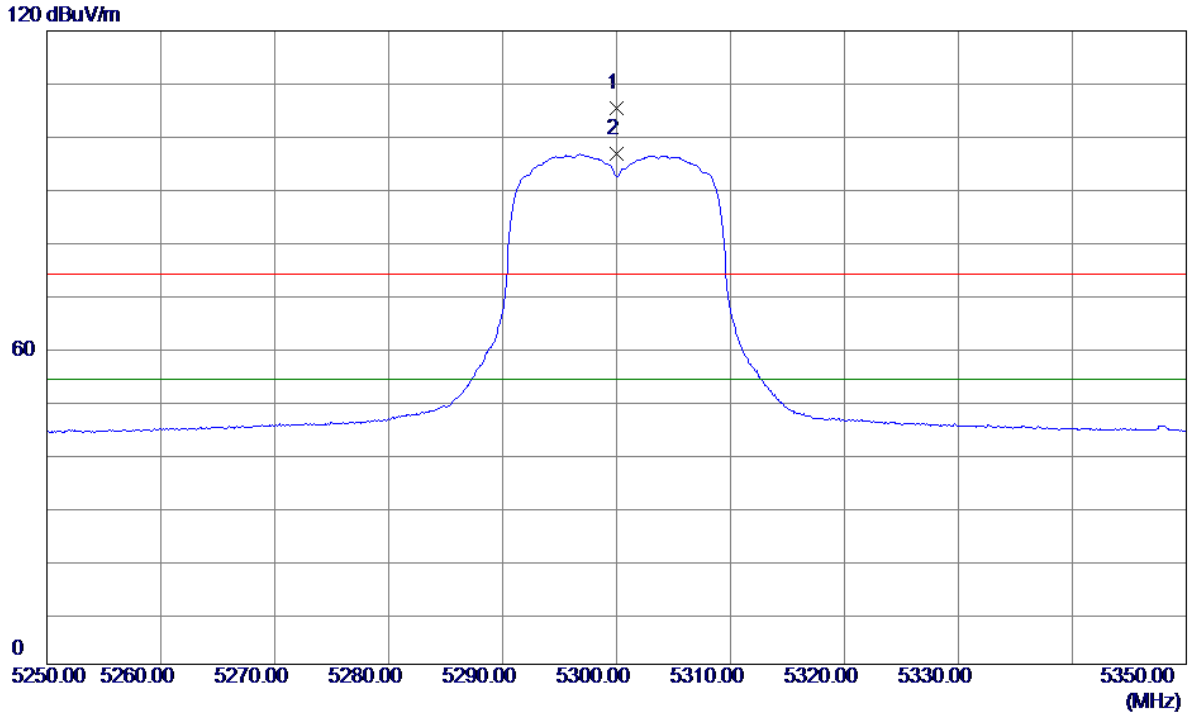
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10600.1000	51.39	2.15	53.54	74.00	-20.46	Peak	
2 *	10600.1000	39.82	2.15	41.97	54.00	-12.03	AVG	

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

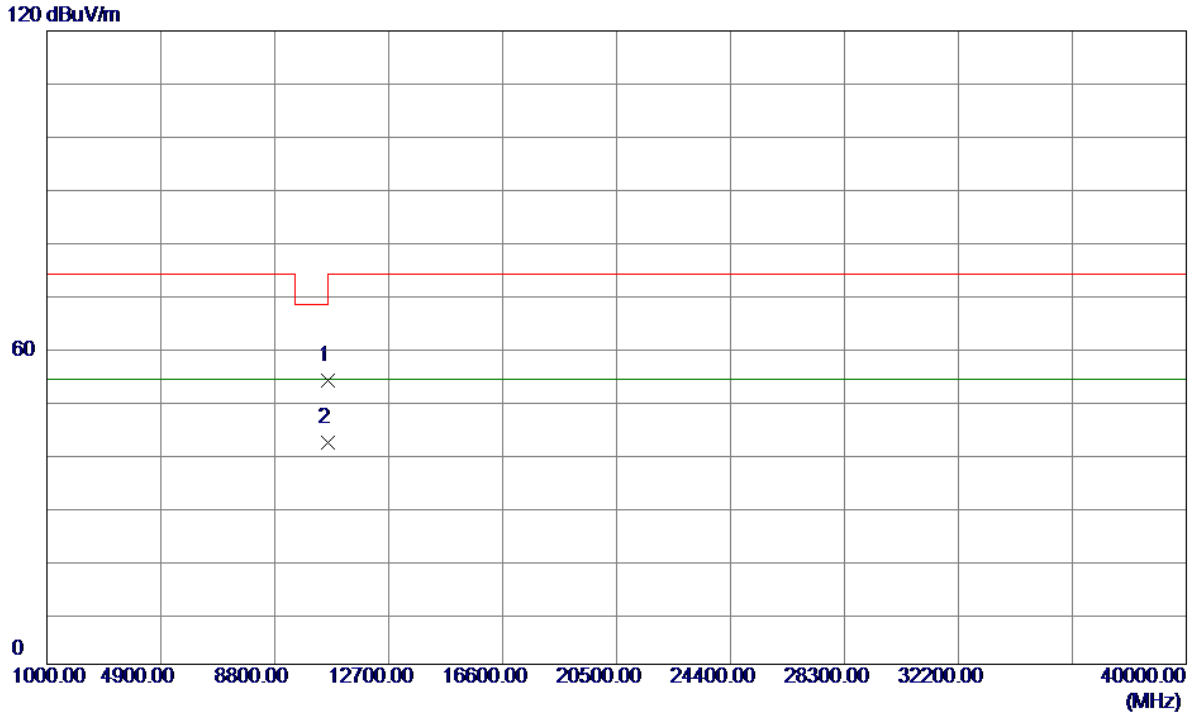
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5300.0000	67.77	37.70	105.47	74.00	31.47	Peak	No Limit
2 *	5300.0000	58.92	37.70	96.62	54.00	42.62	AVG	No Limit

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

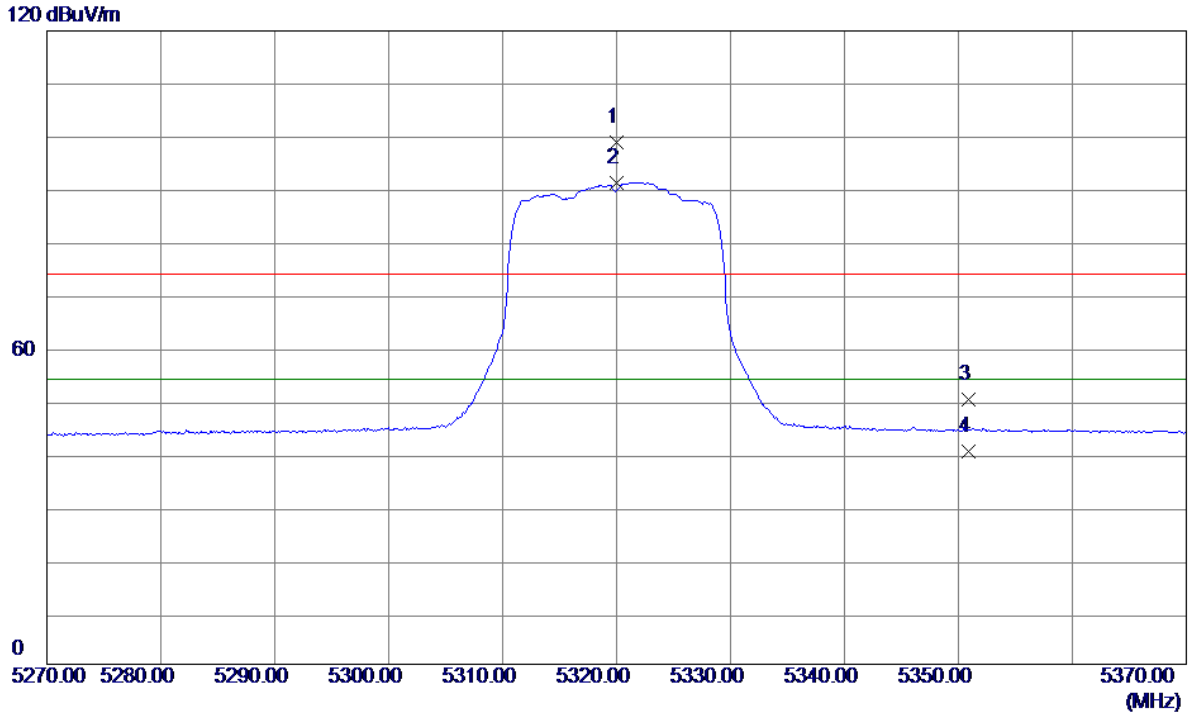
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10600.1000	51.58	2.15	53.73	74.00	-20.27	Peak	
2 *	10600.1000	39.93	2.15	42.08	54.00	-11.92	AVG	

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

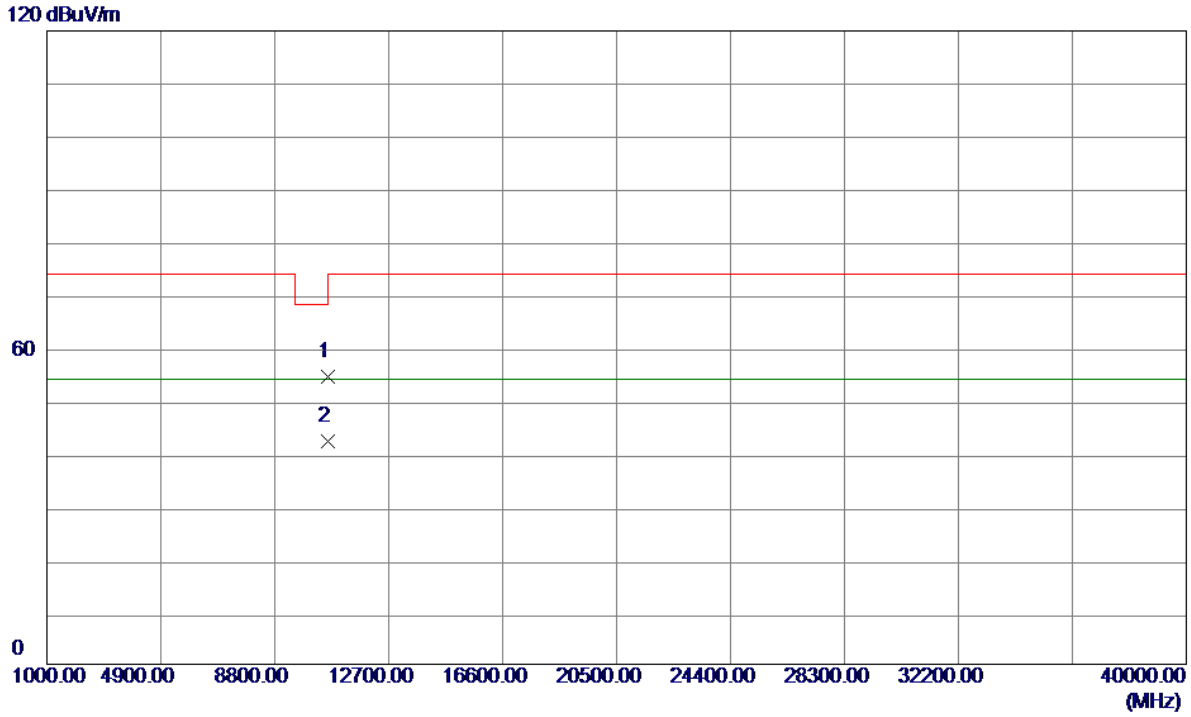
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5320.0000	61.17	37.73	98.90	74.00	24.90	Peak	No Limit
2 *	5320.0000	53.58	37.73	91.31	54.00	37.31	AVG	No Limit
3	5350.9200	12.40	37.76	50.16	74.00	-23.84	Peak	
4	5350.9200	2.51	37.76	40.27	54.00	-13.73	AVG	

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

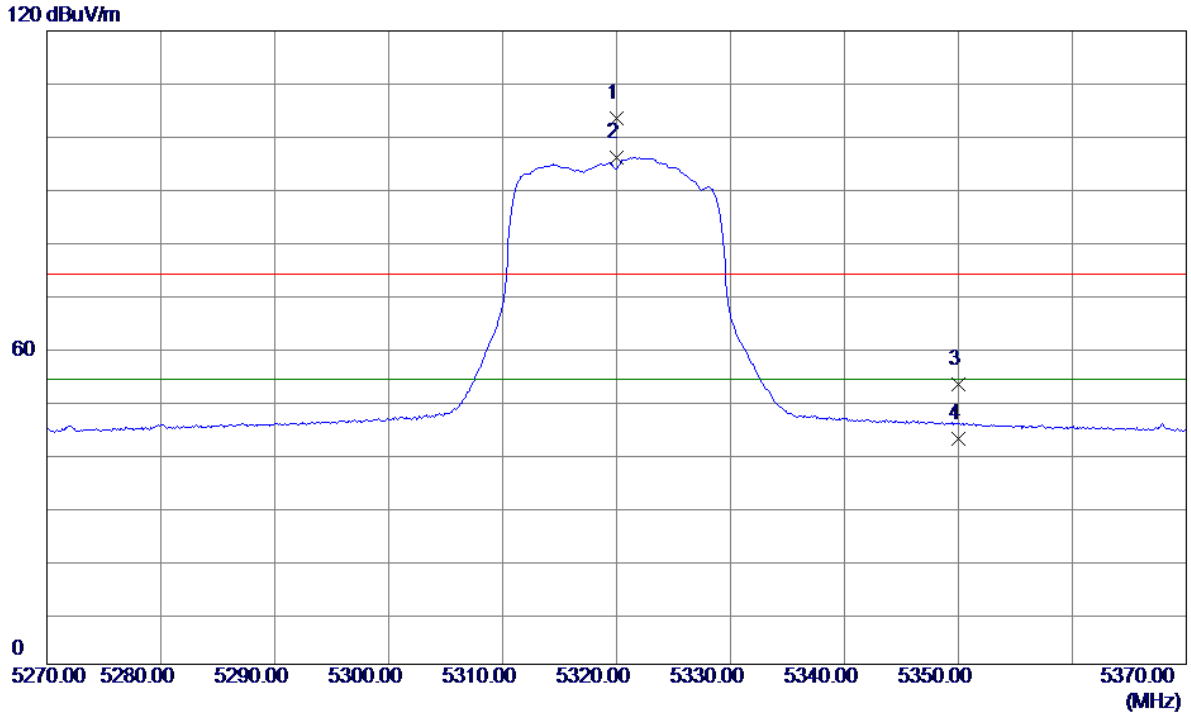
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0000	52.28	2.22	54.50	74.00	-19.50	Peak	
2 *	10640.0000	40.12	2.22	42.34	54.00	-11.66	AVG	

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

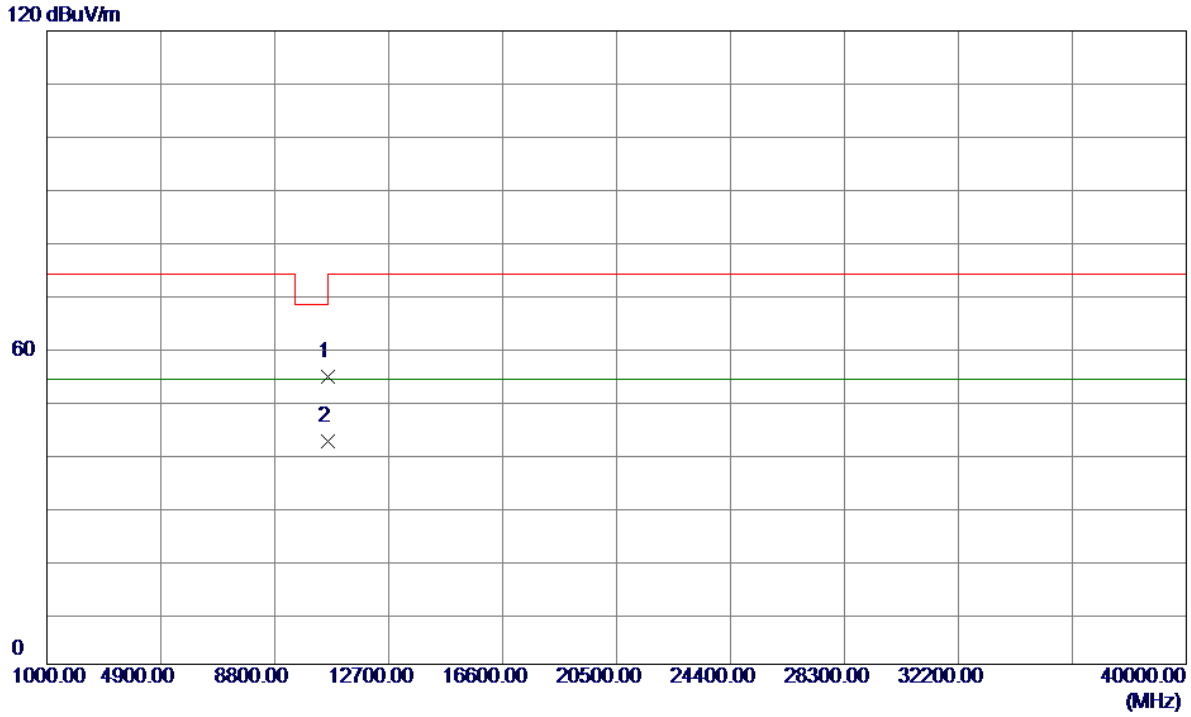
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5320.0000	65.73	37.73	103.46	74.00	29.46	Peak	No Limit
2 *	5320.0000	58.21	37.73	95.94	54.00	41.94	AVG	No Limit
3	5350.0000	15.23	37.76	52.99	74.00	-21.01	Peak	
4	5350.0000	4.95	37.76	42.71	54.00	-11.29	AVG	

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

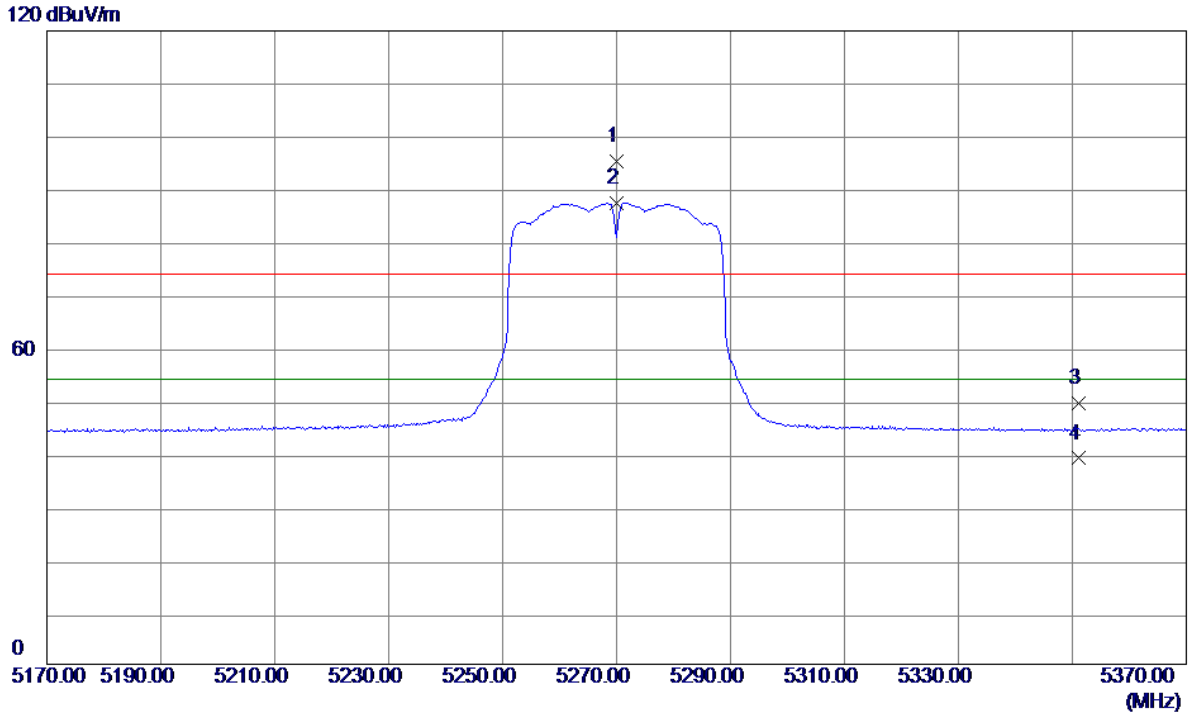
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10640.0000	52.29	2.22	54.51	74.00	-19.49	Peak	
2 *	10640.0000	40.10	2.22	42.32	54.00	-11.68	AVG	

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

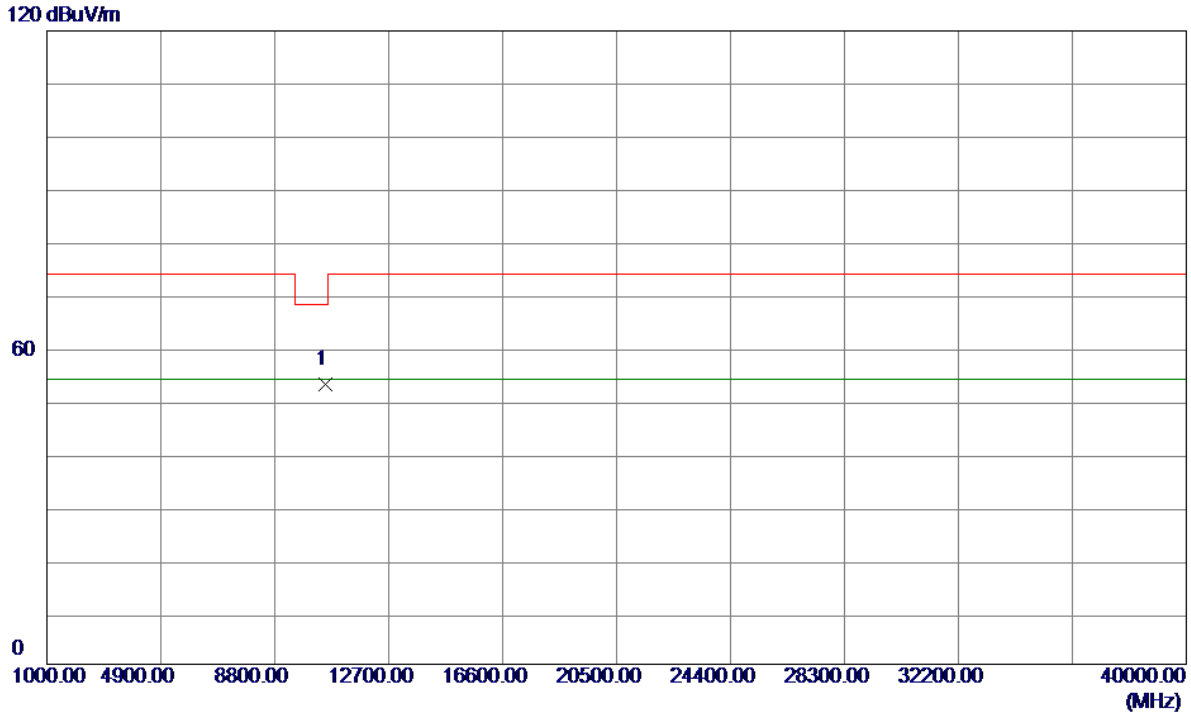
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5270.0000	57.57	37.67	95.24	74.00	21.24	Peak	No Limit
2 *	5270.0000	49.78	37.67	87.45	54.00	33.45	AVG	No Limit
3	5351.0800	11.76	37.76	49.52	74.00	-24.48	Peak	
4	5351.0800	1.24	37.76	39.00	54.00	-15.00	AVG	

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

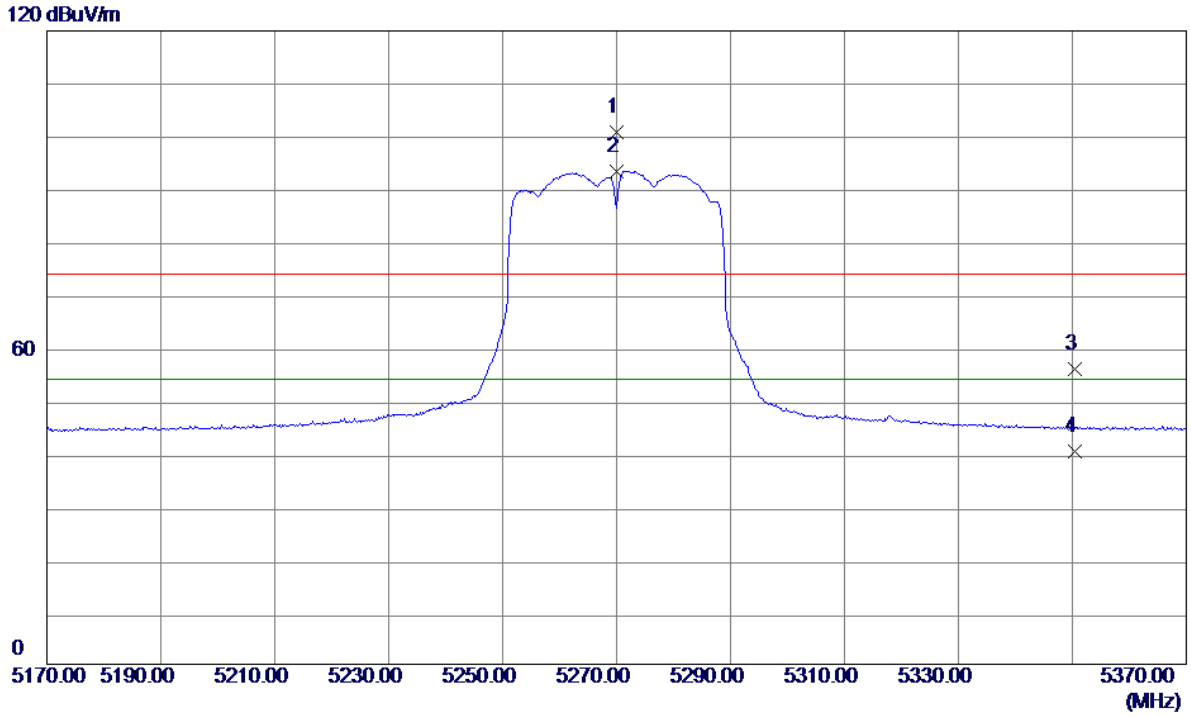
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10540.0000	50.98	2.04	53.02	68.20	-15.18	Peak	

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

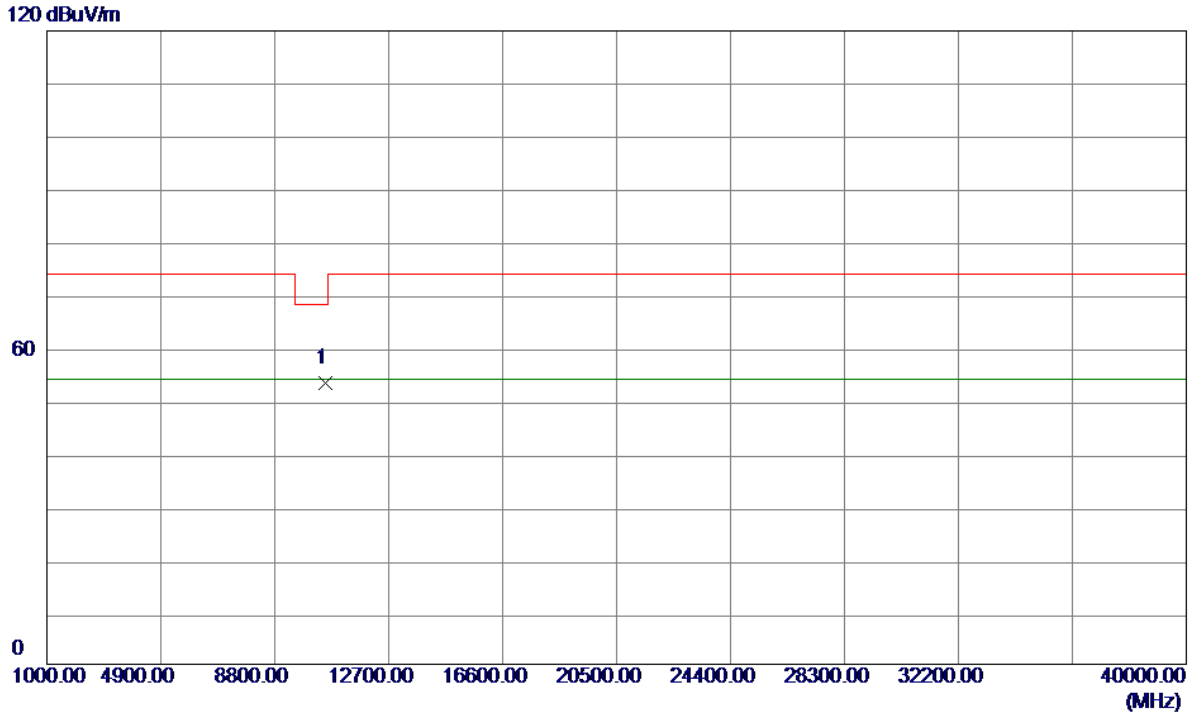
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5270.0000	63.15	37.67	100.82	74.00	26.82	Peak	No Limit
2 *	5270.0000	55.77	37.67	93.44	54.00	39.44	AVG	No Limit
3	5350.4200	18.23	37.76	55.99	74.00	-18.01	Peak	
4	5350.4200	2.56	37.76	40.32	54.00	-13.68	AVG	

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

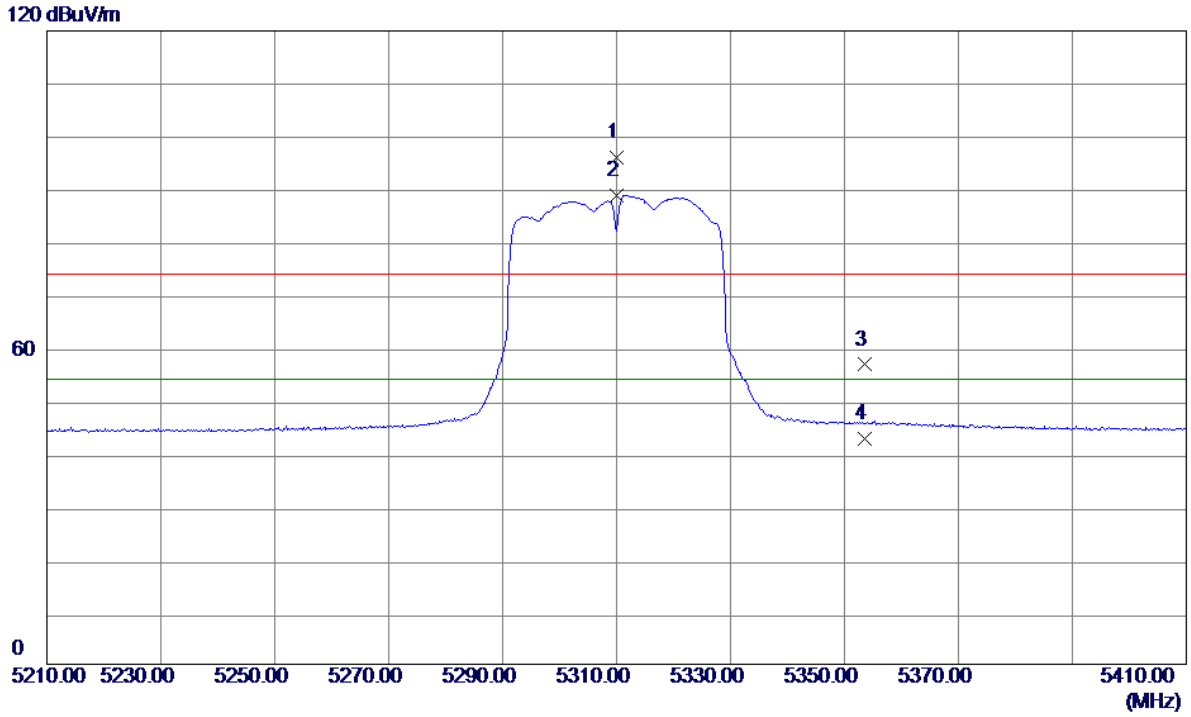
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10540.0000	51.15	2.04	53.19	68.20	-15.01	Peak	

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

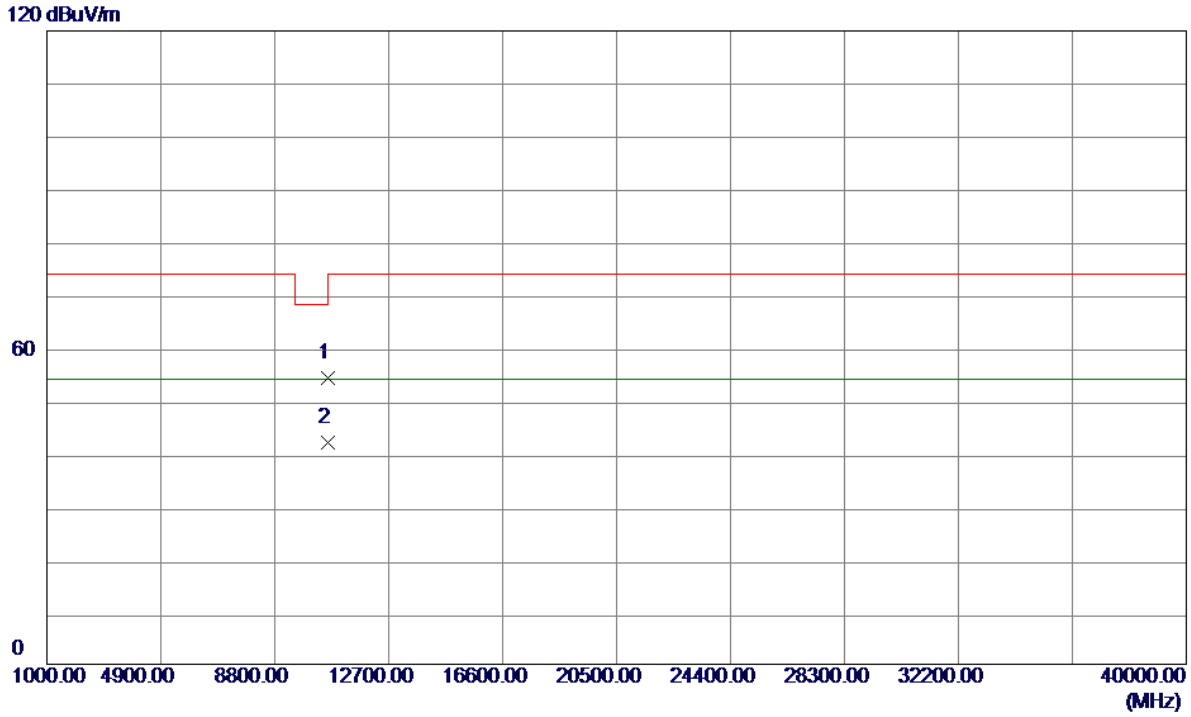
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5310.0000	58.40	37.71	96.11	74.00	22.11	Peak	No Limit
2 *	5310.0000	51.08	37.71	88.79	54.00	34.79	AVG	No Limit
3	5353.5400	19.00	37.76	56.76	74.00	-17.24	Peak	
4	5353.5400	5.04	37.76	42.80	54.00	-11.20	AVG	

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

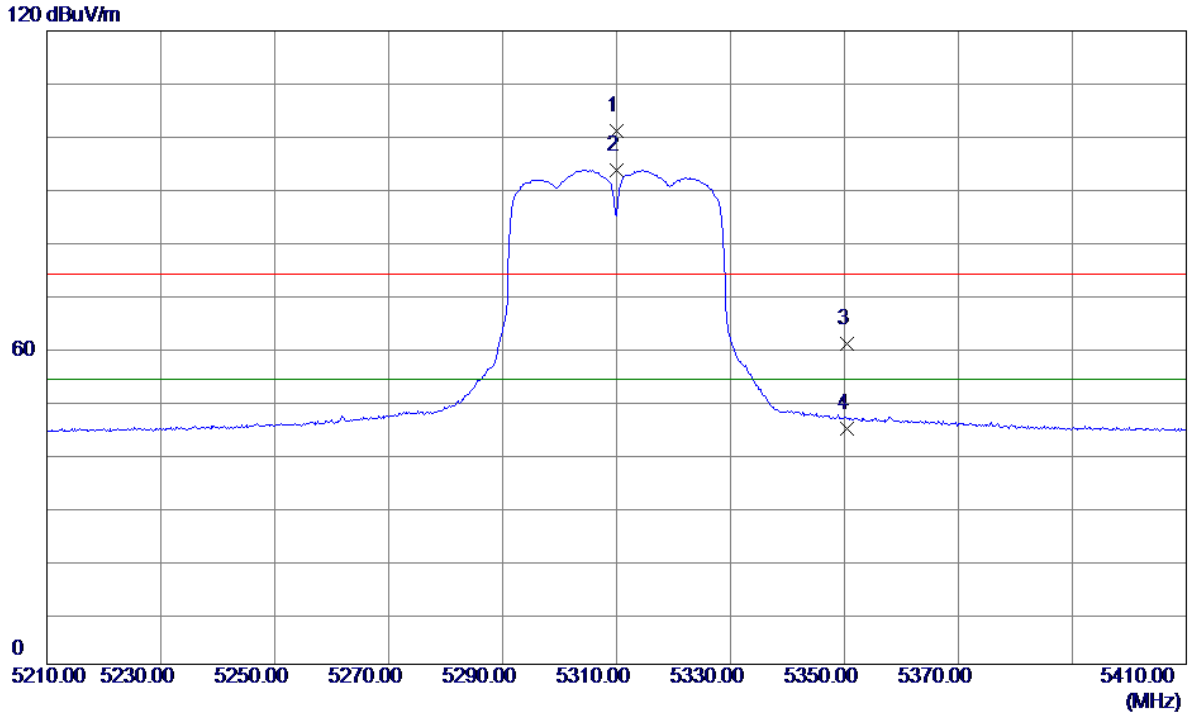
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10620.0000	51.98	2.18	54.16	74.00	-19.84	Peak	
2 *	10620.0000	39.90	2.18	42.08	54.00	-11.92	AVG	

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

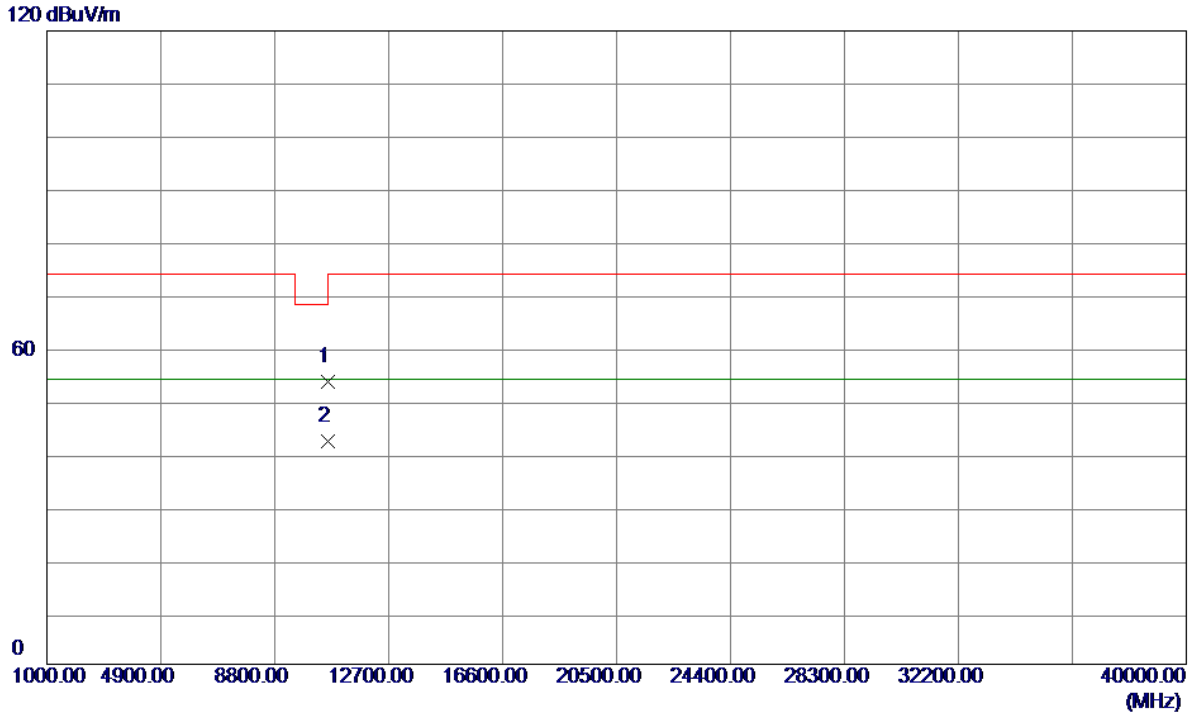
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5310.0000	63.30	37.71	101.01	74.00	27.01	Peak	No Limit
2 *	5310.0000	55.93	37.71	93.64	54.00	39.64	AVG	No Limit
3	5350.3600	22.87	37.76	60.63	74.00	-13.37	Peak	
4	5350.3600	6.98	37.76	44.74	54.00	-9.26	AVG	

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

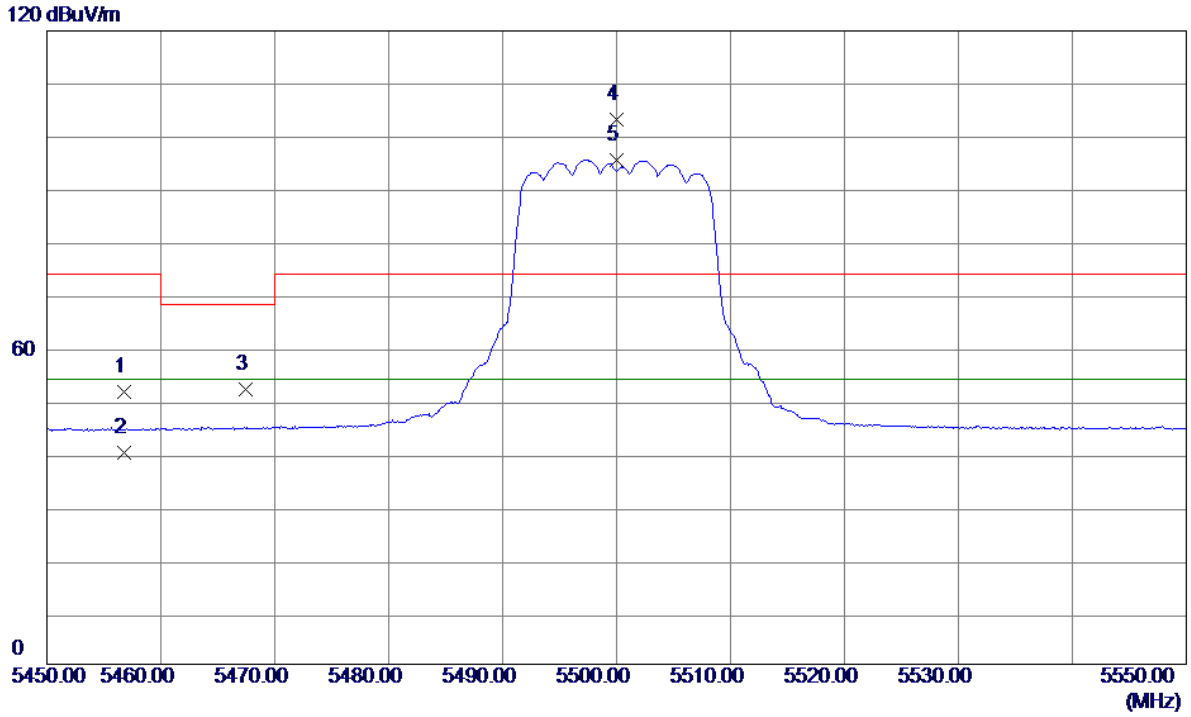
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10620.0000	51.30	2.18	53.48	74.00	-20.52	Peak	
2 *	10620.0000	40.05	2.18	42.23	54.00	-11.77	AVG	

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

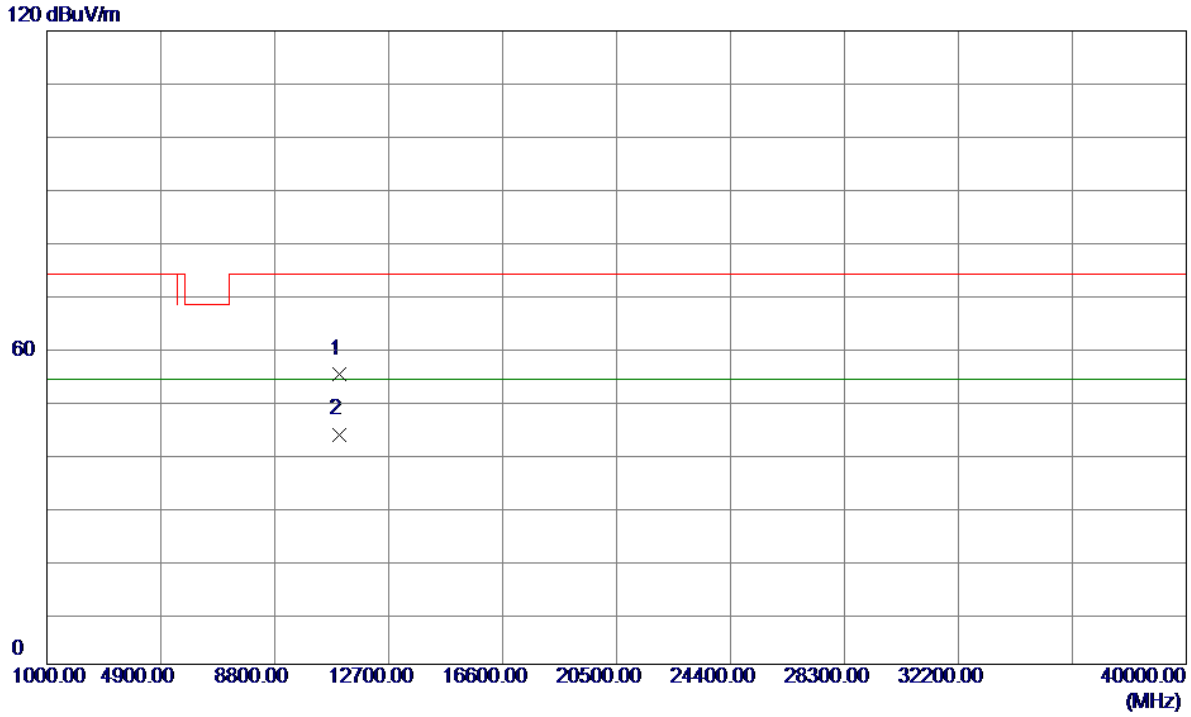
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5456.8100	13.72	37.87	51.59	74.00	-22.41	Peak	
2	5456.8100	2.24	37.87	40.11	54.00	-13.89	AVG	
3	5467.4900	14.16	37.88	52.04	68.20	-16.16	Peak	
4	5500.0000	65.30	37.92	103.22	74.00	29.22	Peak	No Limit
5 *	5500.0000	57.65	37.92	95.57	54.00	41.57	AVG	No Limit

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

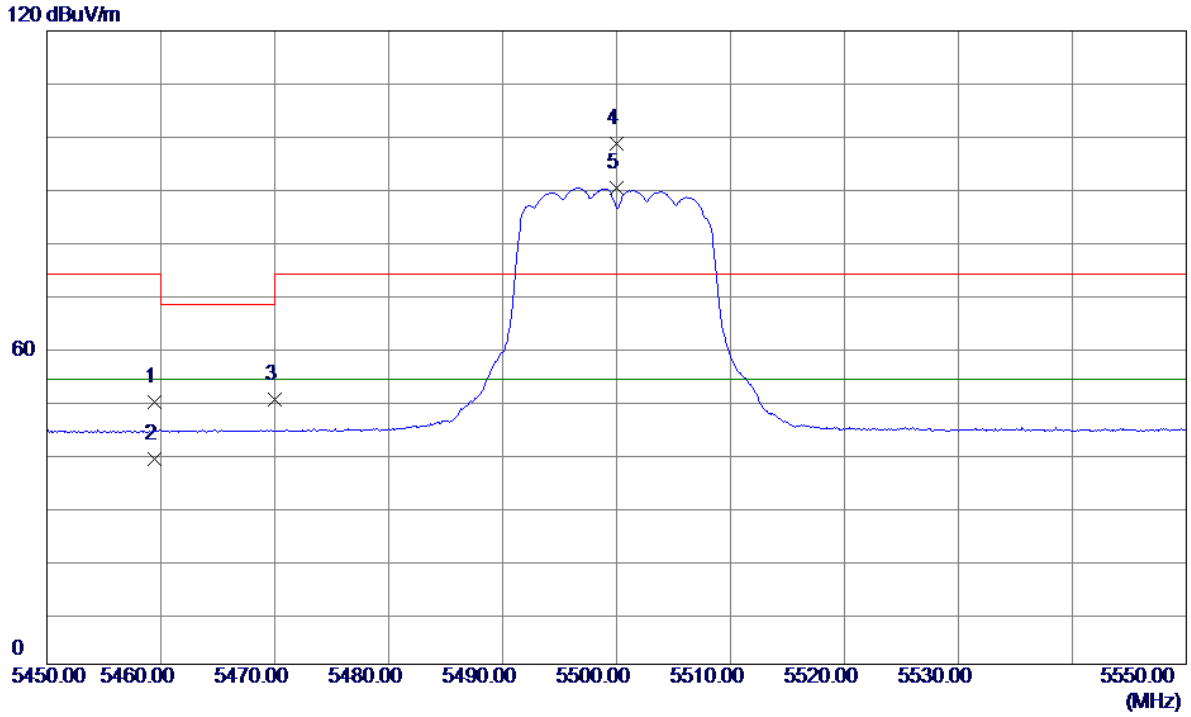
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11000.0000	52.10	2.85	54.95	74.00	-19.05	Peak	
2 *	11000.0000	40.71	2.85	43.56	54.00	-10.44	AVG	

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

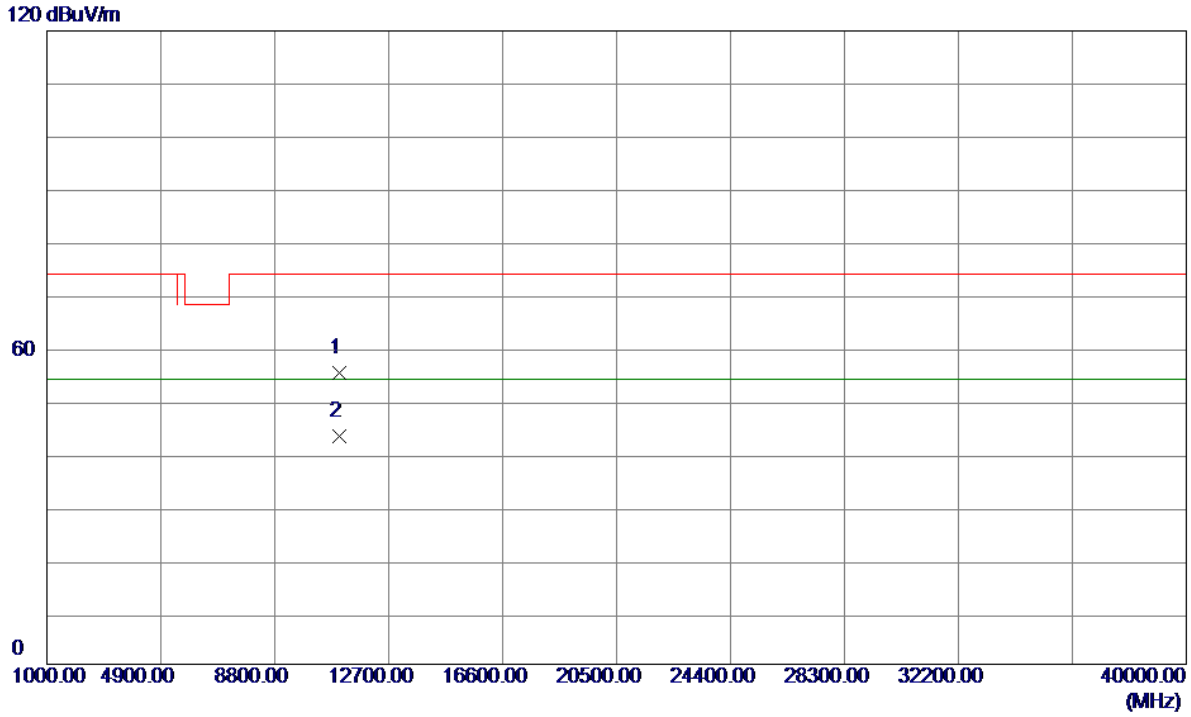
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5459.4100	11.88	37.88	49.76	74.00	-24.24	Peak	
2	5459.4100	1.03	37.88	38.91	54.00	-15.09	AVG	
3	5469.9900	12.25	37.89	50.14	68.20	-18.06	Peak	
4	5500.0000	60.61	37.92	98.53	74.00	24.53	Peak	No Limit
5 *	5500.0000	52.30	37.92	90.22	54.00	36.22	AVG	No Limit

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

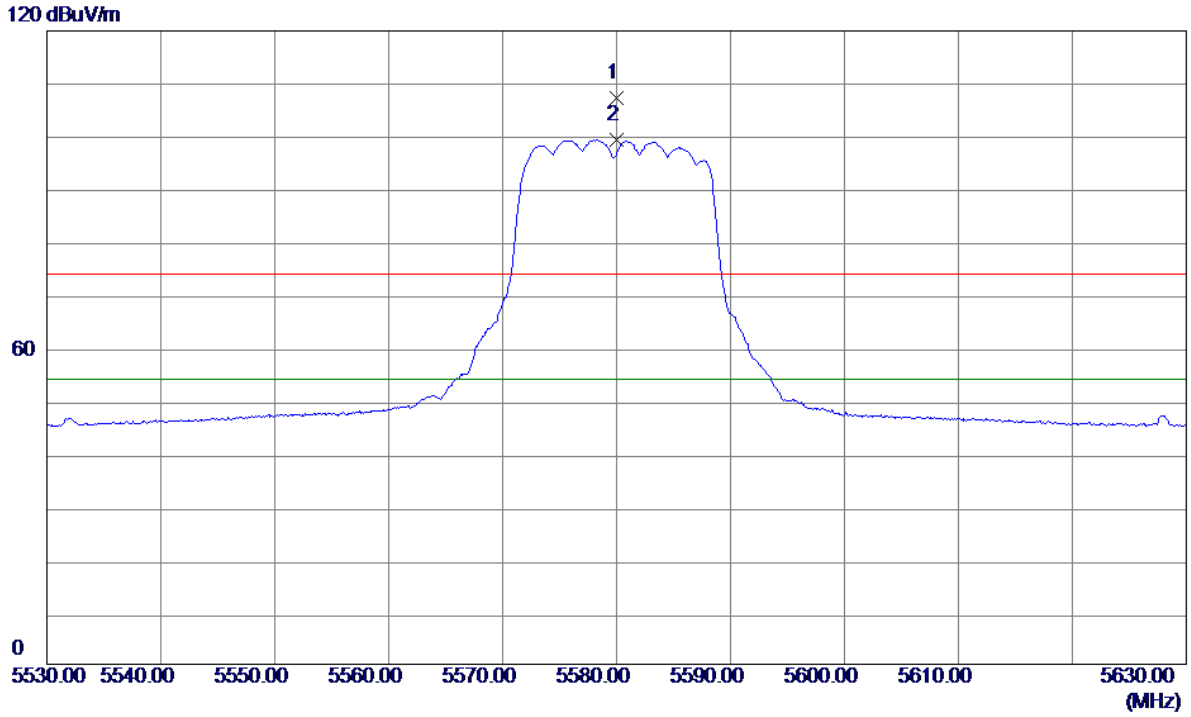
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11000.0000	52.36	2.85	55.21	74.00	-18.79	Peak	
2 *	11000.0000	40.34	2.85	43.19	54.00	-10.81	AVG	

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

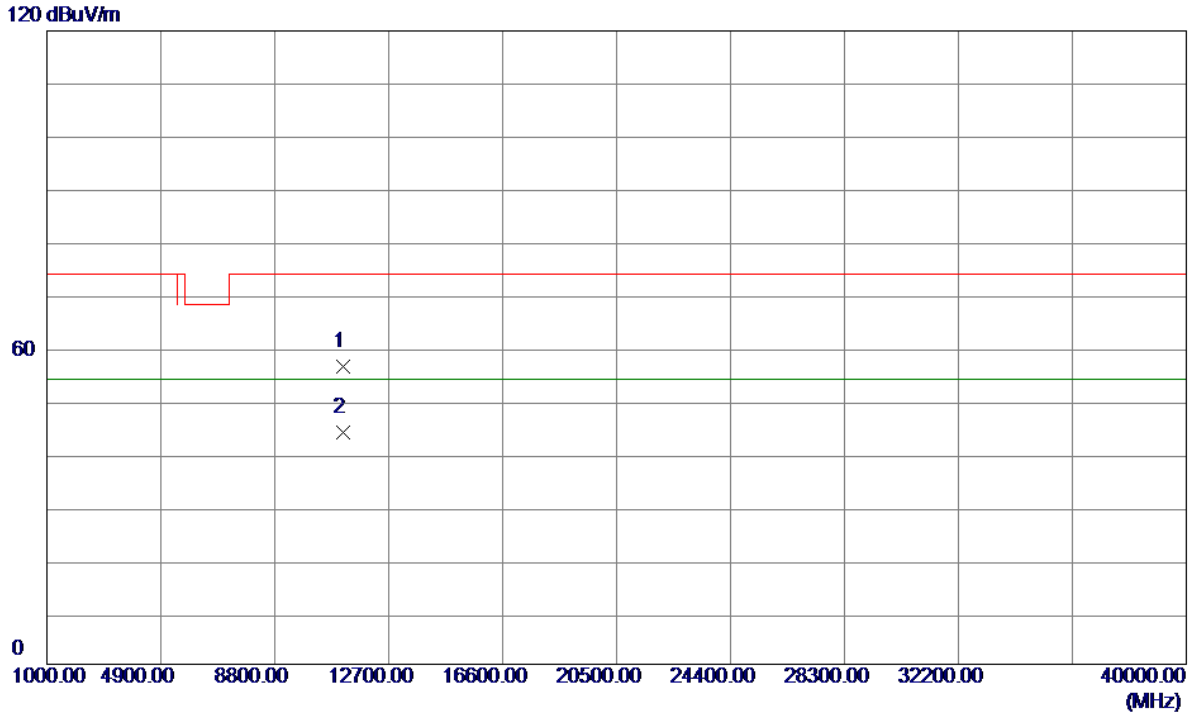
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5580.0000	69.20	38.14	107.34	74.00	33.34	Peak	No Limit
2 *	5580.0000	61.16	38.14	99.30	54.00	45.30	AVG	No Limit

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

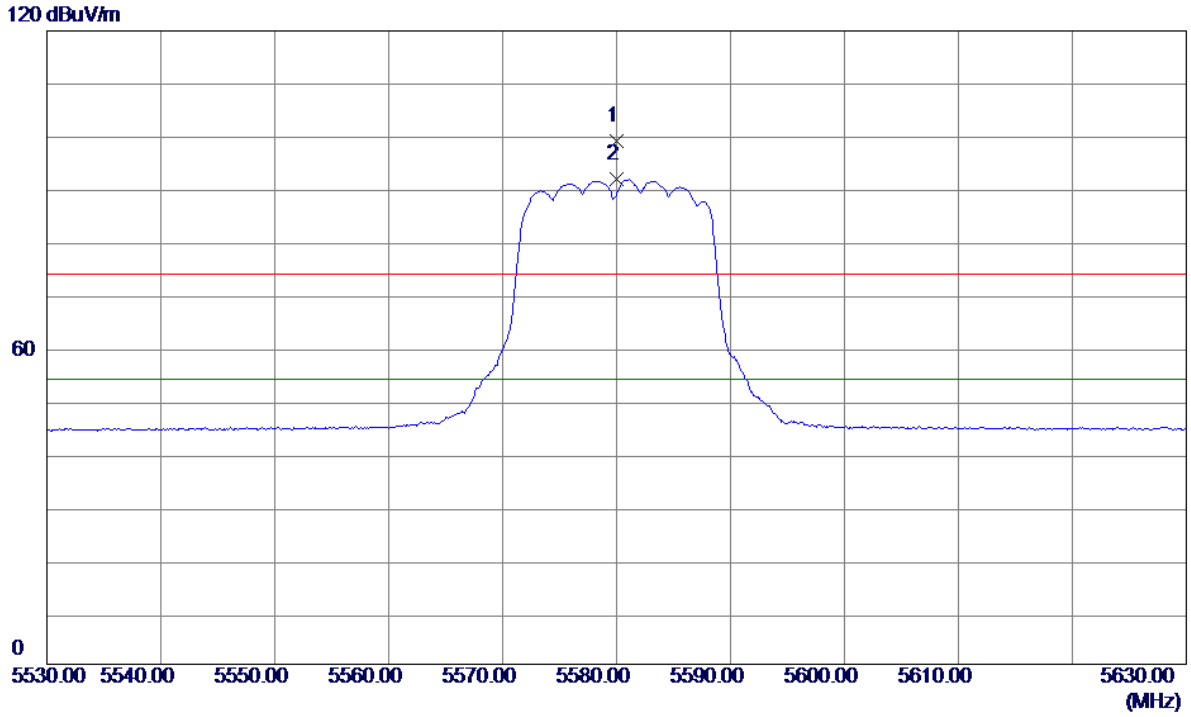
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11160.0000	53.29	3.03	56.32	74.00	-17.68	Peak	
2 *	11160.0000	40.82	3.03	43.85	54.00	-10.15	AVG	

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

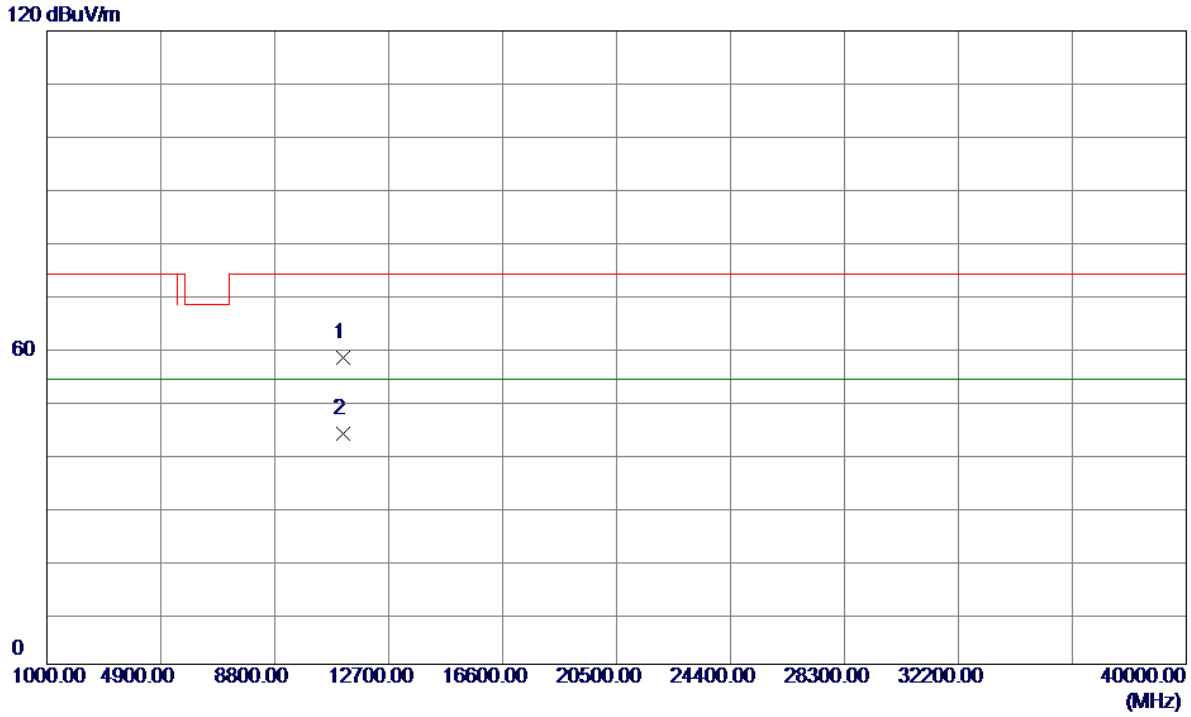
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5580.0000	61.03	38.14	99.17	74.00	25.17	Peak	No Limit
2 *	5580.0000	53.69	38.14	91.83	54.00	37.83	AVG	No Limit

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

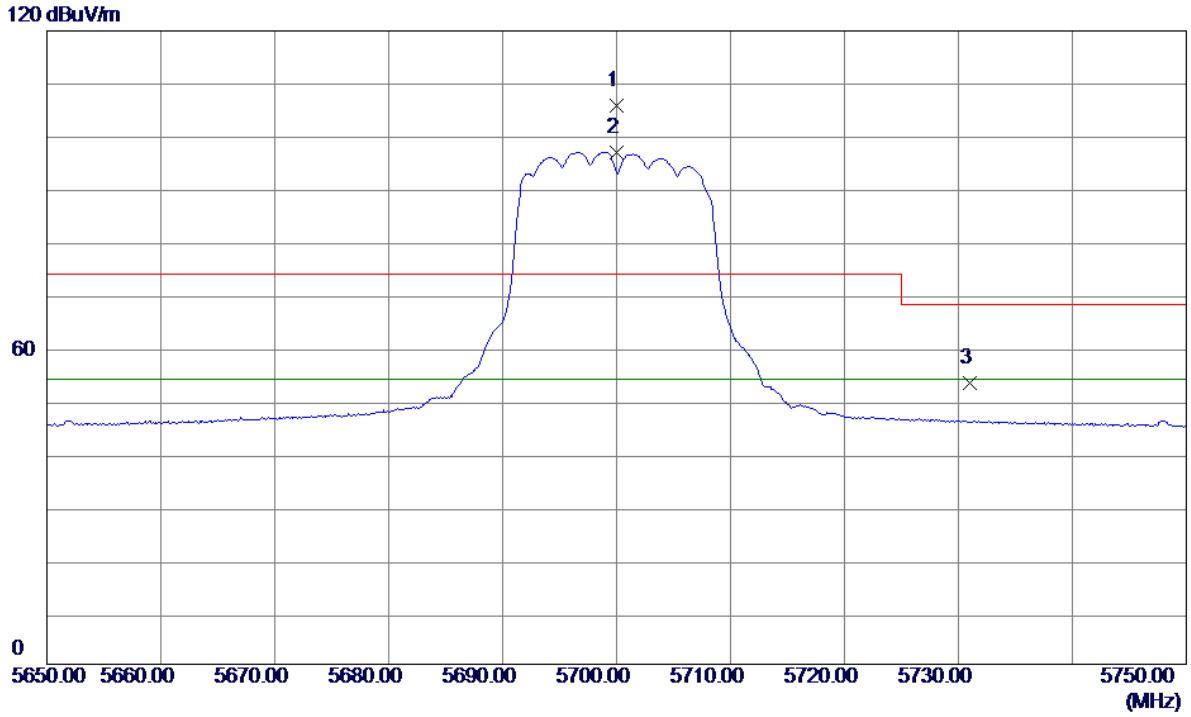
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11160.0000	55.05	3.03	58.08	74.00	-15.92	Peak	
2 *	11160.0000	40.73	3.03	43.76	54.00	-10.24	AVG	

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

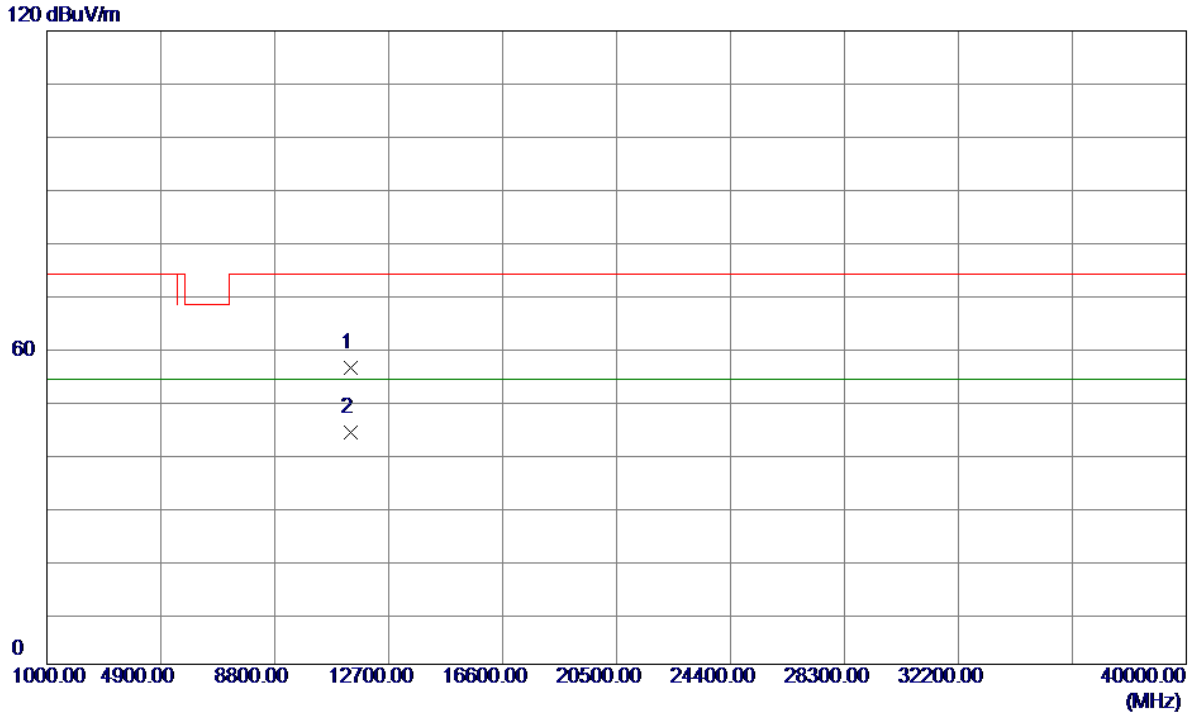
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5700.0000	67.27	38.46	105.73	74.00	31.73	Peak	No Limit
2 *	5700.0000	58.54	38.46	97.00	54.00	43.00	AVG	No Limit
3	5731.0200	14.71	38.55	53.26	68.20	-14.94	Peak	

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

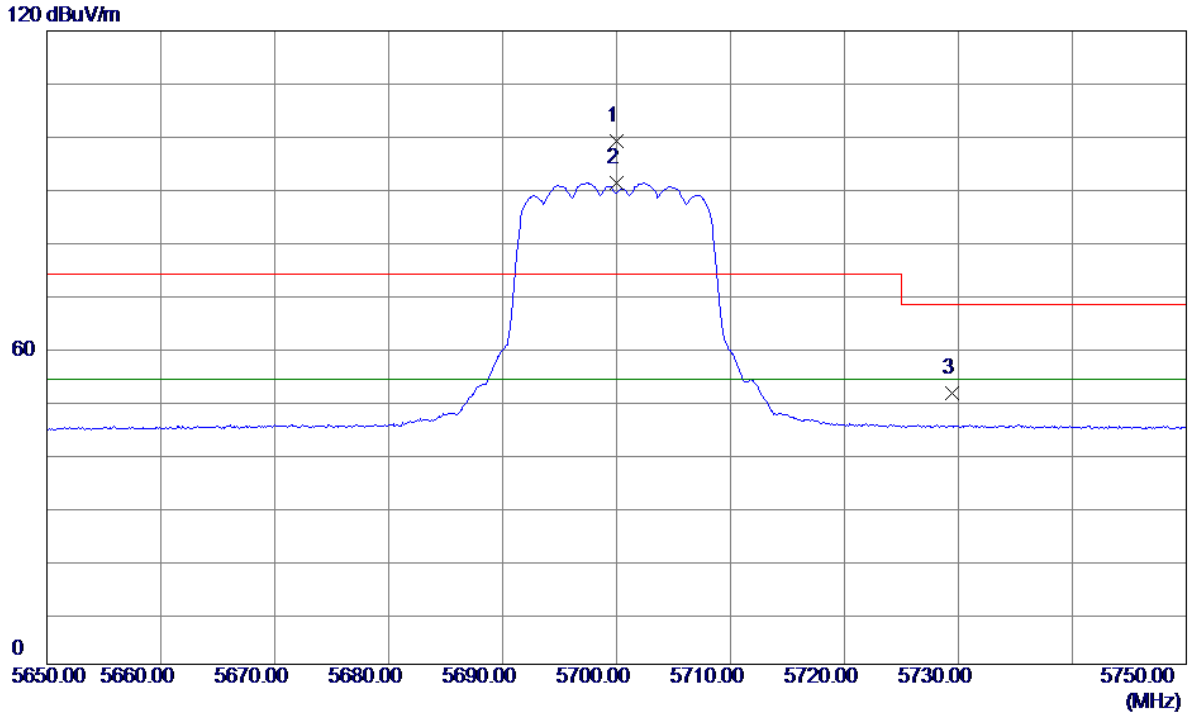
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11400.0000	52.85	3.31	56.16	74.00	-17.84	Peak	
2 *	11400.0000	40.50	3.31	43.81	54.00	-10.19	AVG	

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

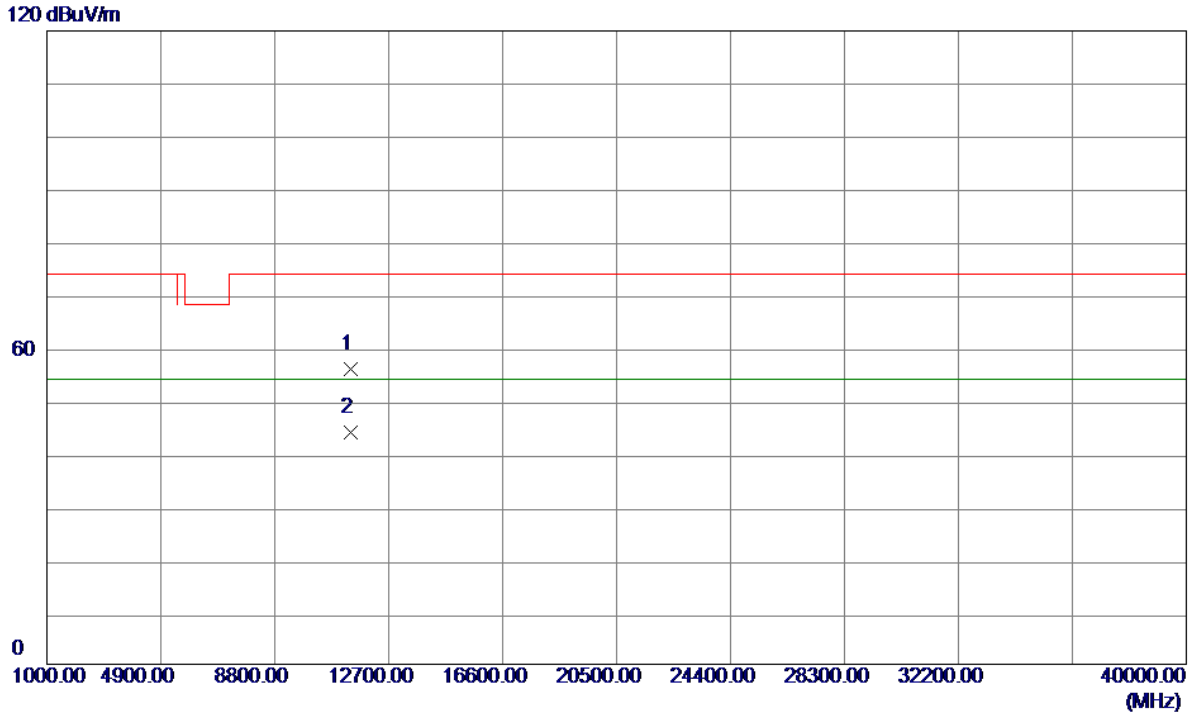
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5700.0000	60.54	38.46	99.00	74.00	25.00	Peak	No Limit
2 *	5700.0000	52.71	38.46	91.17	54.00	37.17	AVG	No Limit
3	5729.4500	12.83	38.54	51.37	68.20	-16.83	Peak	

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11400.0000	52.67	3.31	55.98	74.00	-18.02	Peak	
2 *	11400.0000	40.63	3.31	43.94	54.00	-10.06	AVG	