FCC Radio Test Report

FCC ID: 2AJCX-BOSS

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

Project No.	:	1605209
Equipment	:	Computer
Model Name	:	boss, bossXXXXXXXXXXXXXXXX, (where "X" may be any alphanumeric character, "-" or blank for marketing purpose and no impact safety related critical components and constructions)
Applicant	:	Carel Industries s.p.a.
Address	:	Via dell Industria 11 35020 Brugine (PD) Italy

Date of Receipt	:	May 27, 2016
Date of Test	:	May 27, 2016 ~ Jul. 21, 2016
Issued Date	:	Jul. 22, 2016
Tested by	:	BTL Inc.

Testing Engineer : Rush Kao (Rush Kao)

Technical Manager : Jeff Yang (Jeff Yang)

Authorized Signatory : Andy Chiu (Andy Chiu)

BTL INC.

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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).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL**shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

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-2-1605209	Original Issue.	Jul. 22, 2016

1. CERTIFICATION

Equipment	:	Computer
Brand Name	:	CAREL
Model Name	:	boss, bossXXXXXXXXXXXXXXXX, (where “X” may be any alphanumeric character, “-” or blank for marketing purpose and no impact safety related critical components and constructions)
Applicant	:	Carel Industries s.p.a.
Manufacturer	:	Carel Industries s.p.a.
Address	:	Via dell Industria 11 35020 Brugine (PD) Italy
Date of Test	:	May 27, 2016 ~ Jul. 21, 2016
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1605209) 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 5G UNII-1/ UNII-2A / UNII-2C / UNII-3 Part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

2.1 TEST FACILITY

Conducted emission Test:

C05: (VCCI RN: C-4742; FCC RN:949005; 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):

CB11: (VCCI RN: R-4260; FCC RN:949005; FCC DN:TW1082; IC Assigned Code:20088)
No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

Radiated emission Test (Above 1 GHz):

CB11: (VCCI RN: G-868; FCC RN:949005; FCC DN:TW1082; IC Assigned Code:20088)
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 U_{cispr} 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	2.04

B. Radiated emission test:

Test Site	Method	Measurement Frequency Range	U, (dB)
CB11 (3m)	CISPR	9kHz ~ 150kHz	4.00
		150kHz ~ 30MHz	4.00

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
CB11 (3m)	CISPR	30 MHz ~ 200 MHz	V	3.06
		30 MHz ~ 200 MHz	H	2.58
		200 MHz ~ 1, 000 MHz	V	3.50
		200 MHz ~ 1, 000 MHz	H	3.10

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
CB11 (3m)	CISPR	1GHz ~ 6GHz	V	4.14
		1GHz ~ 6GHz	H	4.14

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
CB11 (1m)	CISPR	6GHz ~ 18GHz	V	5.34
		6GHz ~ 18GHz	H	5.34

Test Site	Method	Measurement Frequency Range	U, (dB)
CB11 (1m)	CISPR	18 ~ 26.5 GHz	4.66
		26.5 ~ 40 GHz	4.74

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	CAREL	
Model Name	boss, bossXXXXXXXXXXXXXXX, (where "X" may be any alphanumeric character, "-" or blank for marketing purpose and no impact safety related critical components and constructions)	
Model Difference	For marketing name.	
Power Source	DC Voltage supplied from AC/DC Adapter. Brand / Model: FSP/ FSP060-DIBAN2	
Power Rating	EUT I/P: 12VDC⎓2.8A	
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	300Mbps
Output Power	Output Power (Max.)for UNII-1	802.11a: 13.20dBm 802.11n (20M): 10.93dBm 802.11n (40M): 10.99dBm
	Output Power (Max.)for UNII-2A	802.11a: 13.79dBm 802.11n (20M): 11.55dBm 802.11n (40M): 11.27dBm
	Output Power (Max.)for UNII-2C	802.11a: 13.60 dBm 802.11n (20M): 11.83 dBm 802.11n (40M): 11.49dBm
	Output Power (Max.)for UNII-3	802.11a: 13.88dBm 802.11n (20M): 11.68dBm 802.11n (40M): 12.07dBm

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	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220		
48	5240		

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

UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510
104	5520	110	5550
108	5540	118	5590
112	5560	126	5630
116	5580	134	5670
120	5600		
124	5620		
128	5640		
132	5660		
136	5680		
140	5700		

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Invax	R-AN2450-5701RS	Dipole	R-SMA	5.21
2	Invax	R-AN2450-5701RS	Dipole	R-SMA	5.21

Note:
Antenna Gain=5.21 dBi. This EUT supports MIMO 2X2, any transmit signals are correlated with each other, so Directional gain = G_{ANT}+10log(N)dBi, that is Directional gain=5.21+10log(2) dBi=7.21; Directional gain=7.21 dBi.
So, the UNII-1,UNII-2A,UNII-2C power density limit is 11-7.21+6=9.79, the UNII-3 power density limit is 30-7.21+6=28.79.
the UNII-1,UNII-2A,UNII-2C out power limit is 24-7.21+6=22.79, the UNII-3 output power limit is 30-7.21+6=28.79.

4.

Operating Mode / TX Mode	2TX
802.11a	V (Ant 1 or Ant 2)
802.11n (20MHz)	V (Ant 1+Ant 2)
802.11n (40MHz)	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 A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH161 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH161 (UNII-3)
Mode 12	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 13	TX Mode

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

For Conducted Test	
Final Test Mode	Description
Mode 13	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX A Mode / CH52, CH60, CH64 (UNII-2A)
Mode 5	TX N20 Mode / CH52, CH60, CH64 (UNII-2A)
Mode 6	TX N40 Mode / CH54, CH62 (UNII-2A)
Mode 7	TX A Mode / CH100, CH116, CH140 (UNII-2C)
Mode 8	TX N20 Mode / CH100, CH116, CH140 (UNII-2C)
Mode 9	TX N40 Mode / CH102, CH110, CH134 (UNII-2C)
Mode 10	TX A Mode / CH149,CH157,CH161 (UNII-3)
Mode 11	TX N20 Mode / CH149,CH157,CH161 (UNII-3)
Mode 12	TX N40 Mode / CH151,CH159 (UNII-3)

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

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

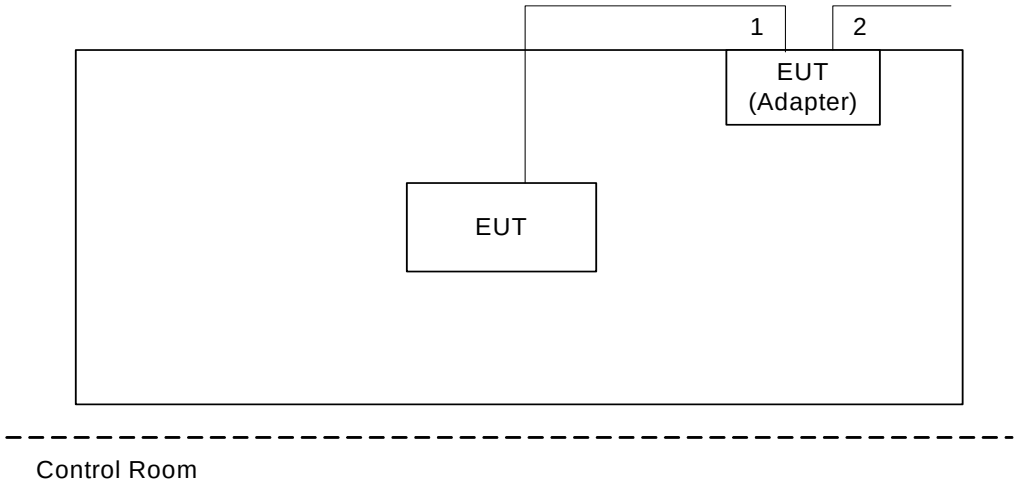
UNII-1			
Test Software Version	ART2_GuI		
Frequency (MHz)	5180	5200	5240
A Mode	13.5//13.5	13.5//13.5	13.5//13.5
N20 Mode	11//11	11//11	11//11
Frequency (MHz)	5190	5230	
N40 Mode	9.5//9.5	11//11	

UNII-2A			
Test Software Version	ART2_GuI		
Frequency (MHz)	5260	5300	5320
A Mode	13//13	12.5//12.5	12.5//12.5
N20 Mode	11//11	10.5//10.5	11/11
Frequency (MHz)	5270	5310	
N40 Mode	10.5//10.5	8.5//8.5	

UNII-2C			
Test Software Version	ART2_GuI		
Frequency (MHz)	5500	5580	5700
A Mode	13//13	11//11	12.5//12.5
N20 Mode	11//11	9//9	11//11
Frequency (MHz)	5510	5550	5670
N40 Mode	10.5//10.5	9//9	11//11

UNII-3			
Test Software Version	ART2_GuI		
Frequency (MHz)	5745	5785	5805
A Mode	12.5//12.5	12//12	12//12
N20 Mode	10.5//10.5	10//10	10//10
Frequency (MHz)	5755	5795	
N40 Mode	11.5//11.5	10.5//10.5	

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

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

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	YES	1.5m	DC Power Cable
2	NO	YES	1.8m	AC 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.

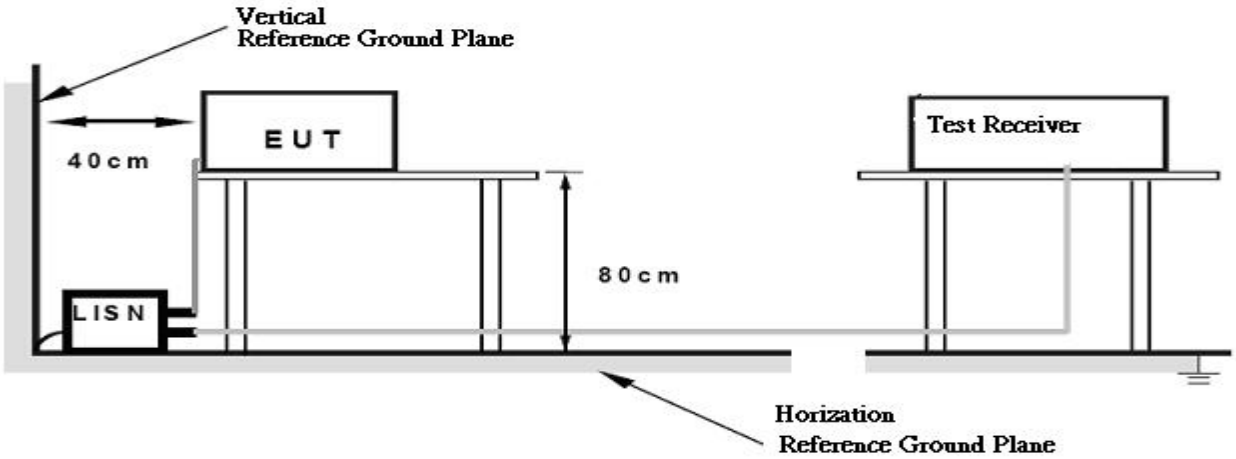
d. LISN at least 80 cm from nearest part of EUT chassis.

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: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment 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

20dBc in any 100 kHz bandwidth outside the operating frequency band. 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

Note:

(1) The limit for radiated test was performed according to FCC PART 15C.

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

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

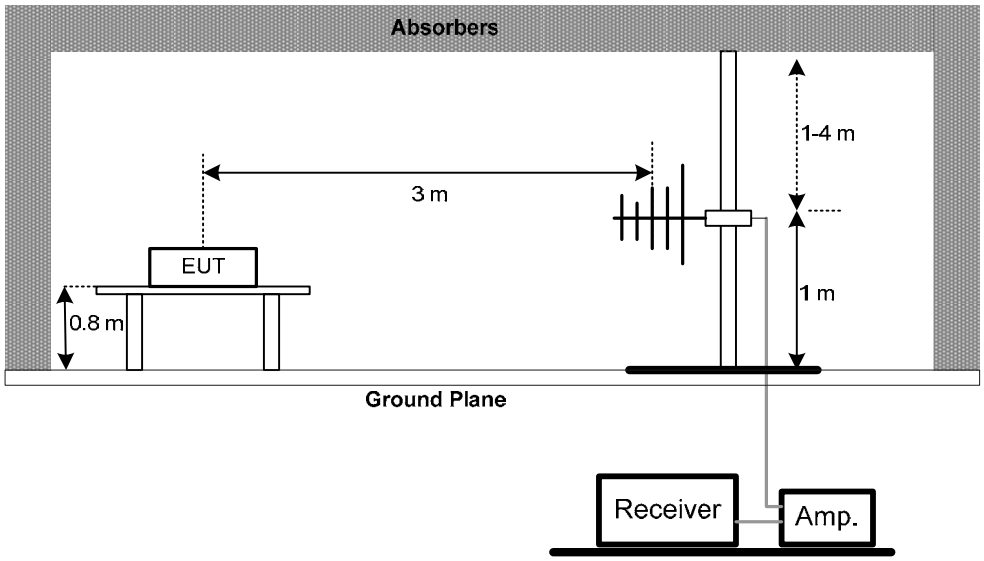
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

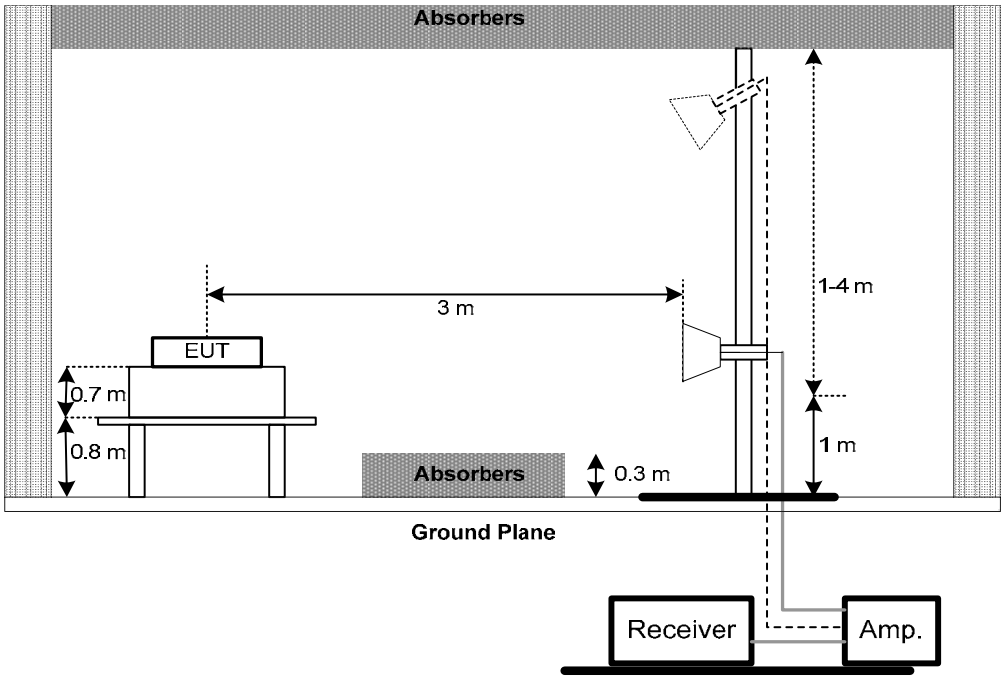
No deviation

4.2.4 TEST SETUP

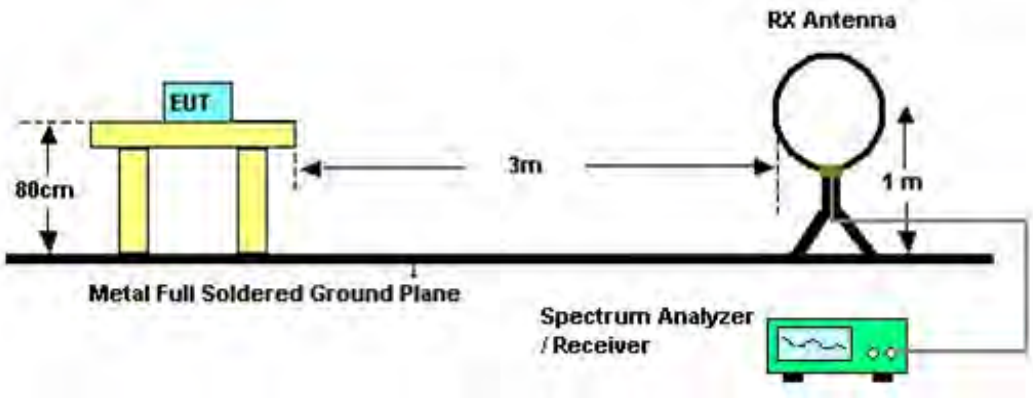
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment 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 Attachment C.

Remark:

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120kHz；SPA setting in RBW=120kHz, VBW =120kHz, Swp. Time = 0.3 sec./MHz。
(2) 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。
(3) Measuring frequency range from 30MHz to 1000MHz。
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table。

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) Spectrum Setting: 30MHz – 1000MHz , RBW= 100kHz, VBW=100kHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(6) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(7) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
(8) 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.

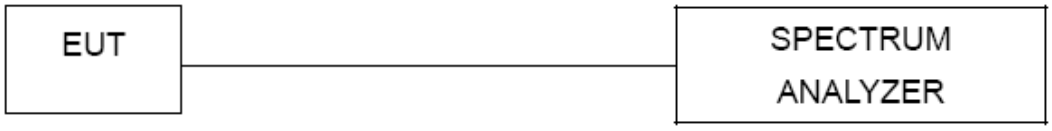
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment 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

7.1.1 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

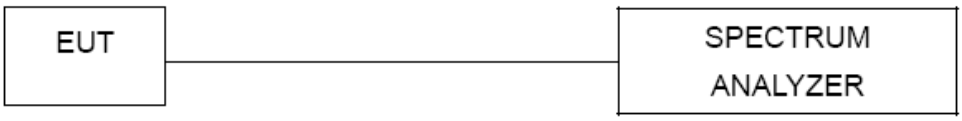
Note:

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.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

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

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

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,

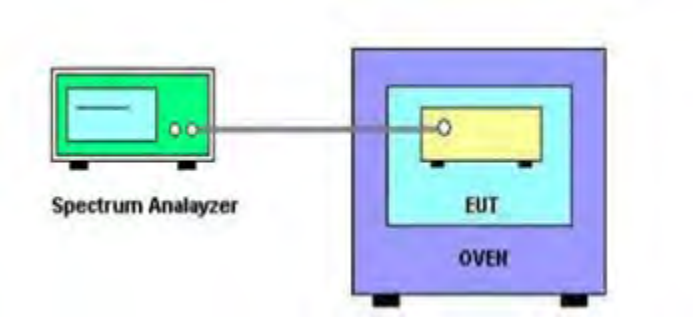
b.

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

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 Attachment H.

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, 2017
2	Test Cable	TIMES	CFD300-NL	C05	Jun. 13, 2017
3	EMI Test Receiver	R&S	ESR7	101433	Dec. 09, 2016
4	Measurement Software	Farad	EZ_EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168-352	9168-352	Feb. 04, 2017
2	Horn Antenna	Schwarzbeck	BBHA 9120	D-546	Nov. 05, 2017
3	Pre-Amplifier	HP	8447D	2944A08891	Mar. 09, 2017
4	Pre-Amplifier	Agilent	8449B	3008A02331	Jan. 24, 2017
5	Test Cable	EMCI	EMC8D-NM-NM-8000	150301	Mar. 09, 2017
6	Test Cable	EMCI	EMC104-SM-SM-2500	150303	Mar. 09, 2017
7	Test Cable	EMCI	EMC104-NM-SM-1000	150304	Mar. 09, 2017
8	Test Cable	EMCI	EMC104-SM-SM-5000	150302	Mar. 29, 2017
9	Test Cable	EMCI	EMC104-SM-SM-800	150305	Mar. 29, 2017
10	EXA Spectrum Analyzer	Agilent	N9010A	MY52220990	Feb. 24, 2017
11	EMI Test Receiver	Agilent	N9038A	MY51210215	Jan. 08, 2017

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 18, 2017

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Anritsu	ML2487A	6K00004714	May 18, 2017
2	Power Meter Sensor	Anritsu	MA2491A	034138	May 18, 2017

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 18, 2017

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 18, 2017

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 18, 2017

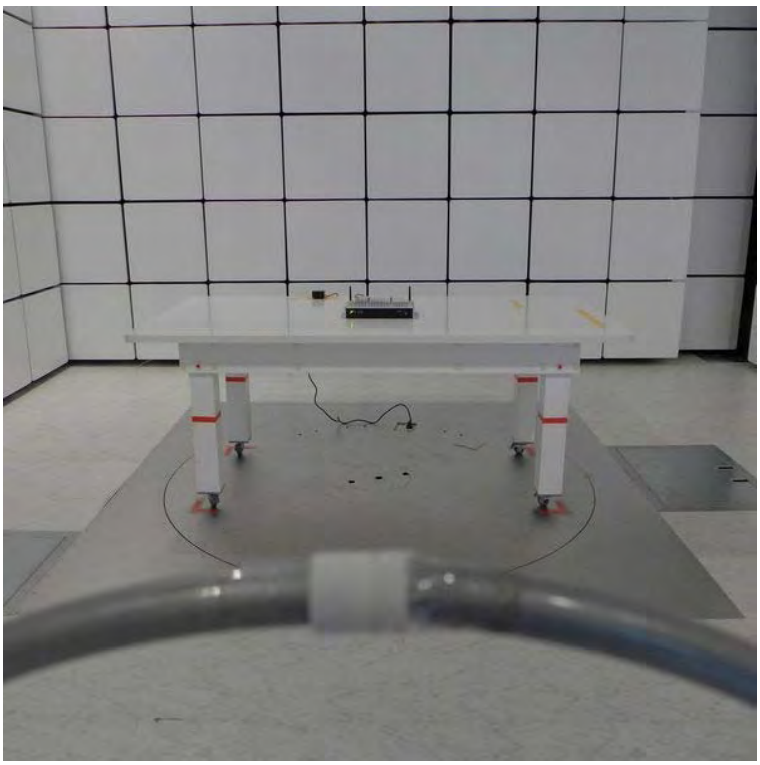
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

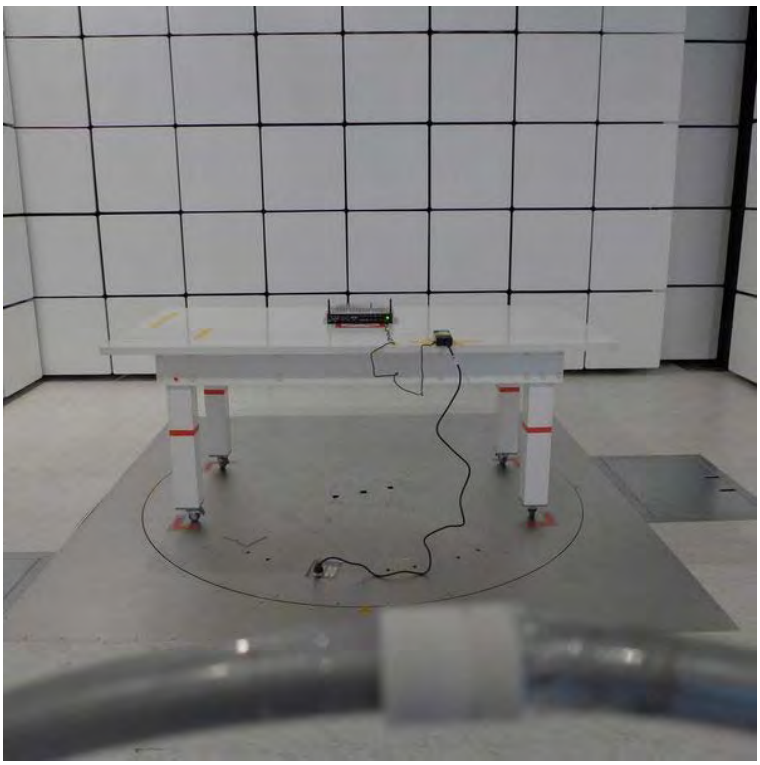
10. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos

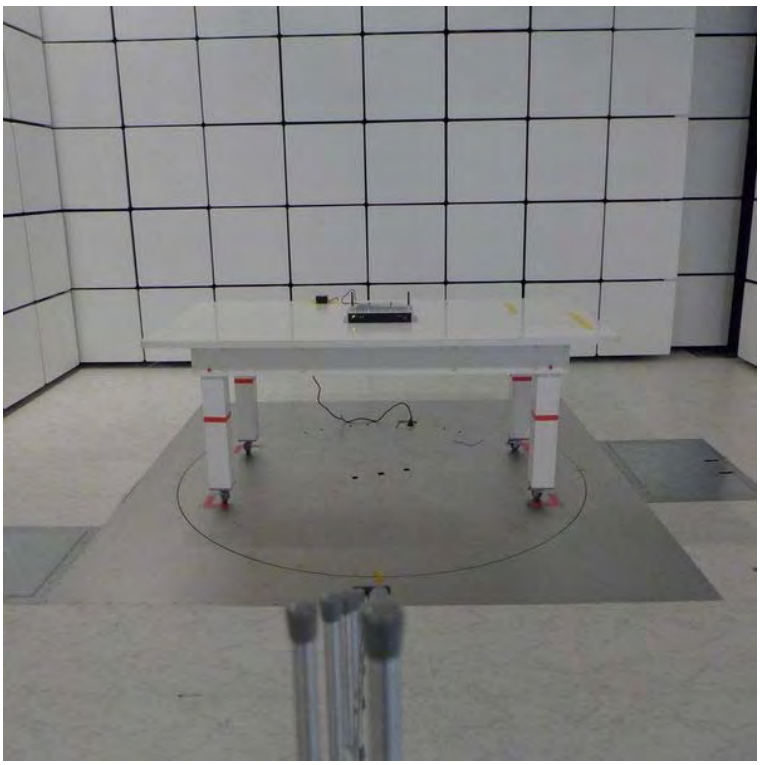
9KHz to 30MHz

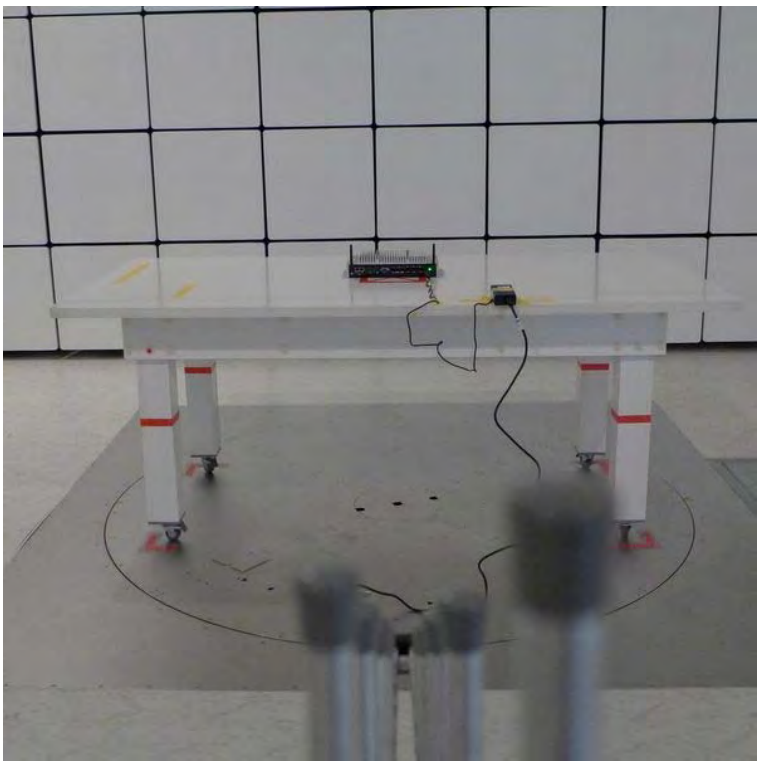




Radiated Measurement Photos

30MHz to 1000MHz





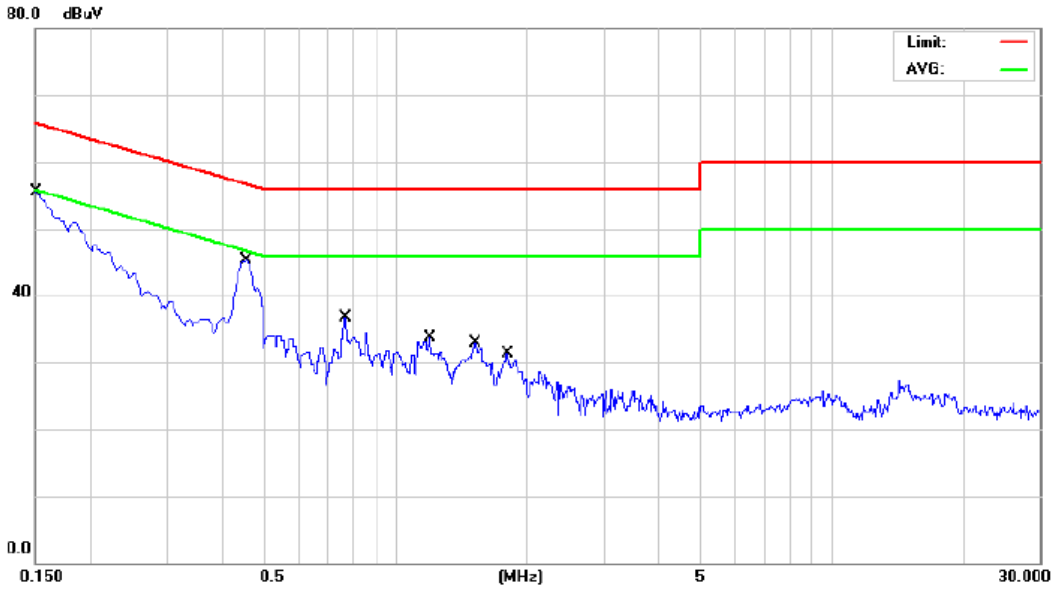
Radiated Measurement Photos

Above 1000MHz

ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	TX Mode

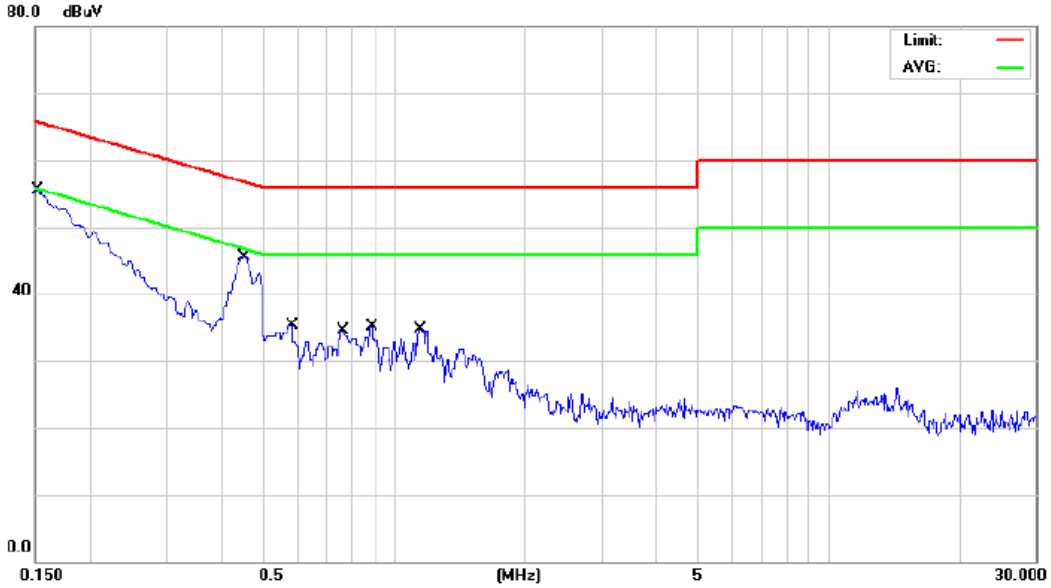
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	40.40	9.66	50.06	65.99	-15.93	QP	
2		0.1500	23.40	9.66	33.06	55.99	-22.93	AVG	
3		0.4552	31.30	9.67	40.97	56.78	-15.81	QP	
4	*	0.4552	23.80	9.67	33.47	46.78	-13.31	AVG	
5		0.7700	19.60	9.67	29.27	56.00	-26.73	QP	
6		0.7700	13.30	9.67	22.97	46.00	-23.03	AVG	
7		1.2020	17.40	9.68	27.08	56.00	-28.92	QP	
8		1.2020	11.40	9.68	21.08	46.00	-24.92	AVG	
9		1.5260	17.80	9.71	27.51	56.00	-28.49	QP	
10		1.5260	13.00	9.71	22.71	46.00	-23.29	AVG	
11		1.8050	15.70	9.72	25.42	56.00	-30.58	QP	
12		1.8050	11.00	9.72	20.72	46.00	-25.28	AVG	

Test Mode :	TX Mode

Neutral

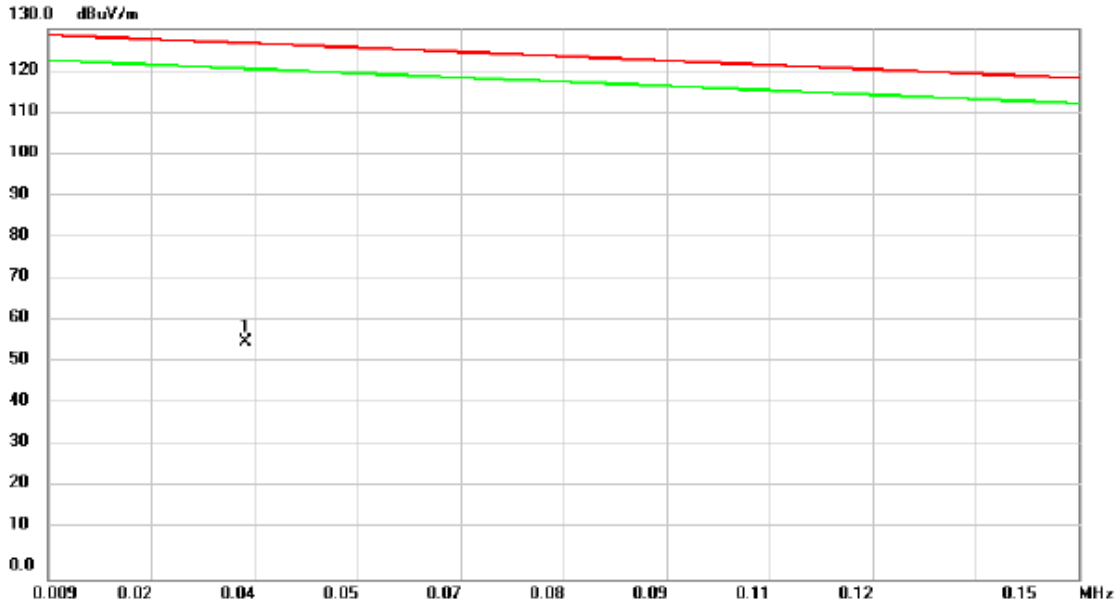


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1514	40.90	9.67	50.57	65.92	-15.35	QP	
2		0.1514	25.30	9.67	34.97	55.92	-20.95	AVG	
3		0.4531	31.90	9.67	41.57	56.82	-15.25	QP	
4	*	0.4531	24.80	9.67	34.47	46.82	-12.35	AVG	
5		0.5810	19.50	9.67	29.17	56.00	-26.83	QP	
6		0.5810	13.30	9.67	22.97	46.00	-23.03	AVG	
7		0.7610	19.20	9.68	28.88	56.00	-27.12	QP	
8		0.7610	12.20	9.68	21.88	46.00	-24.12	AVG	
9		0.8870	19.30	9.68	28.98	56.00	-27.02	QP	
10		0.8870	13.30	9.68	22.98	46.00	-23.02	AVG	
11		1.1480	18.20	9.69	27.89	56.00	-28.11	QP	
12		1.1480	12.40	9.69	22.09	46.00	-23.91	AVG	

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

Test Mode:	UNII-1 / TX Mode

Open



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0360	41.75	14.40	56.15	126.57	-70.42	peak	

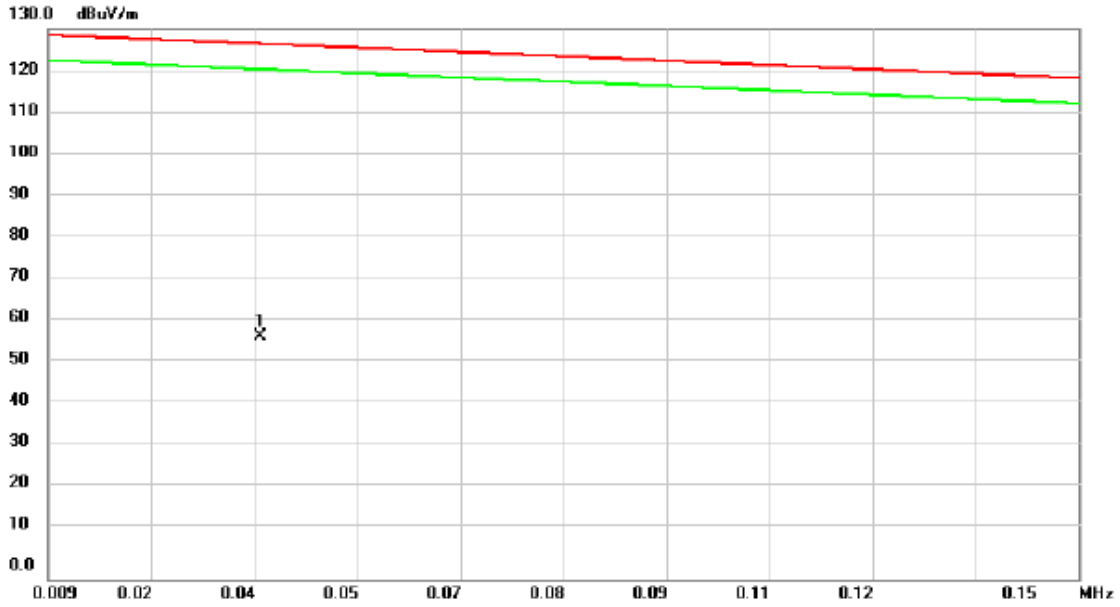
Test Mode:	UNII-1 / TX Mode

Open

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	118.34	-58.38	peak	
2		0.3291	40.93	11.80	52.73	105.41	-52.68	peak	
3	*	0.5675	35.40	11.83	47.23	73.11	-25.88	peak	
4		1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
5		4.5380	17.03	11.33	28.36	69.54	-41.18	peak	
6		11.7911	12.65	11.25	23.90	69.54	-45.64	peak	

Test Mode:	UNII-1 / TX Mode

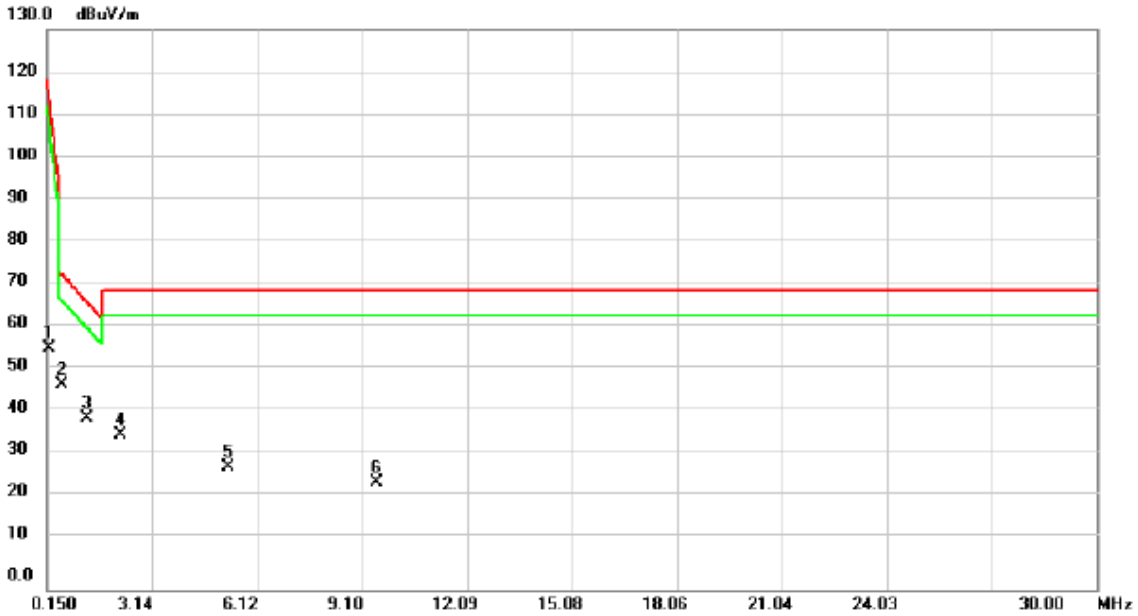
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0380	43.20	14.20	57.40	126.43	-69.03	peak	

Test Mode:	UNII-1 / TX Mode

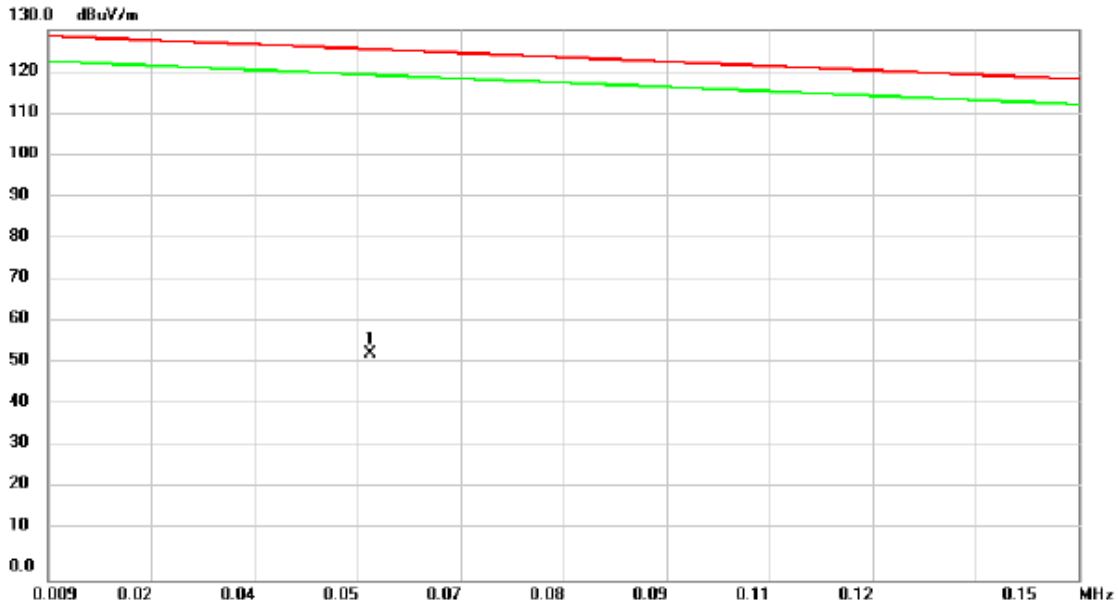
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2096	44.05	11.94	55.99	114.04	-58.05	peak	
2	*	0.5675	35.78	11.83	47.61	73.11	-25.50	peak	
3		1.2842	27.98	11.87	39.85	66.72	-26.87	peak	
4		2.2395	24.62	11.44	36.06	69.54	-33.48	peak	
5		5.2842	16.97	11.39	28.36	69.54	-41.18	peak	
6		9.5228	13.44	11.31	24.75	69.54	-44.79	peak	

Test Mode:	UNII-2A / TX Mode

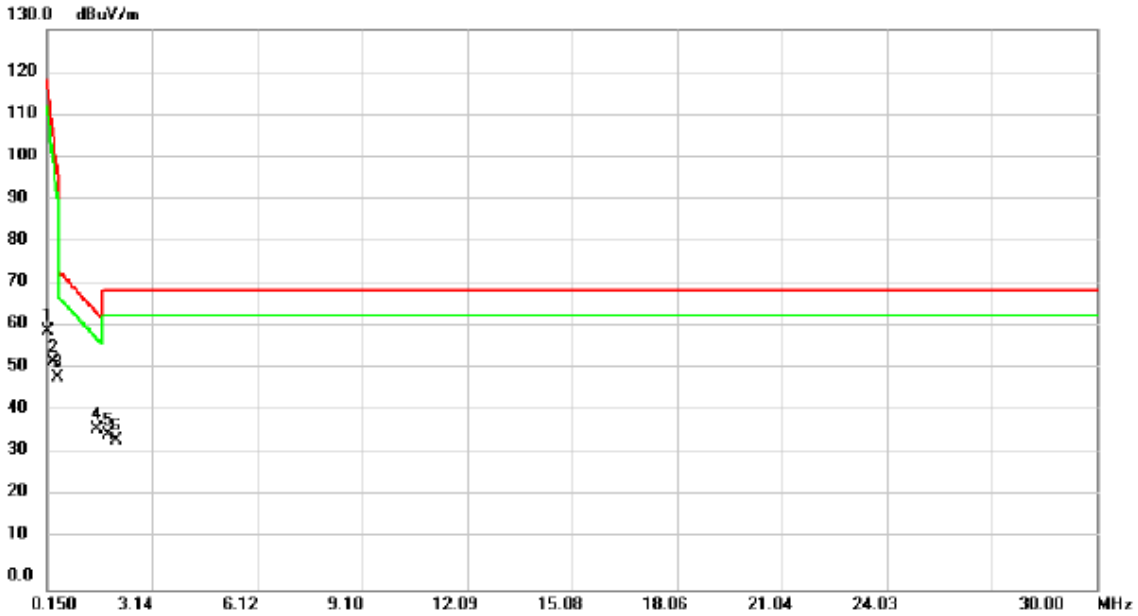
Open



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0530	40.57	12.95	53.52	125.34	-71.82	peak	

Test Mode:	UNII-2A / TX Mode

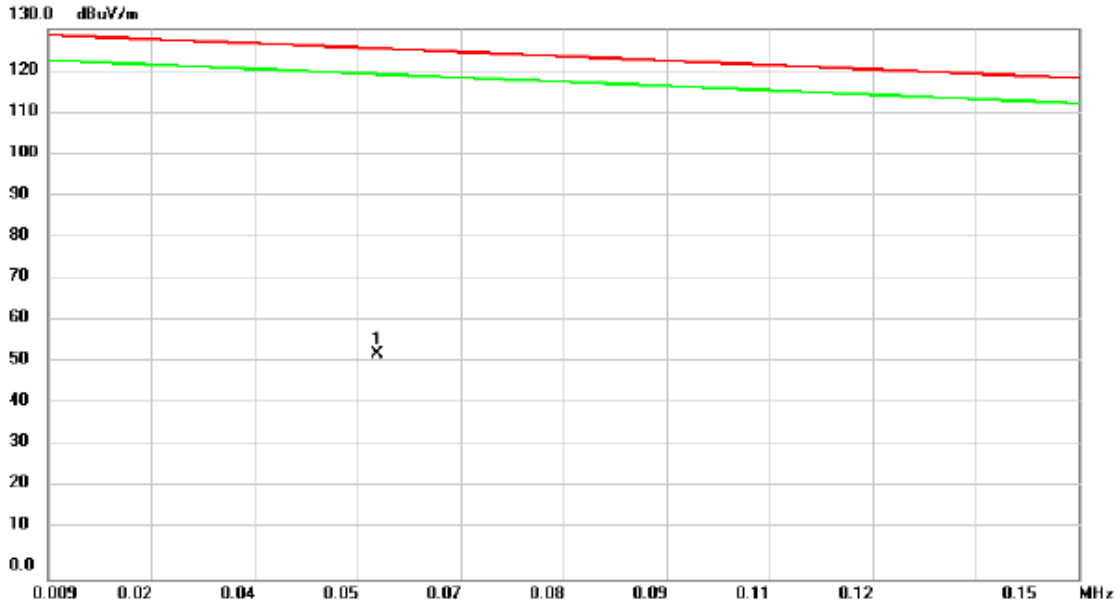
Open



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.93	12.03	59.96	118.34	-58.38	peak	
2		0.3291	40.93	11.80	52.73	105.41	-52.68	peak	
3		0.4485	37.41	11.80	49.21	96.80	-47.59	peak	
4	*	1.5530	25.58	11.75	37.33	64.32	-26.99	peak	
5		1.8810	24.44	11.60	36.04	69.54	-33.50	peak	
6		2.1200	23.06	11.50	34.56	69.54	-34.98	peak	

Test Mode:	UNII-2A / TX Mode

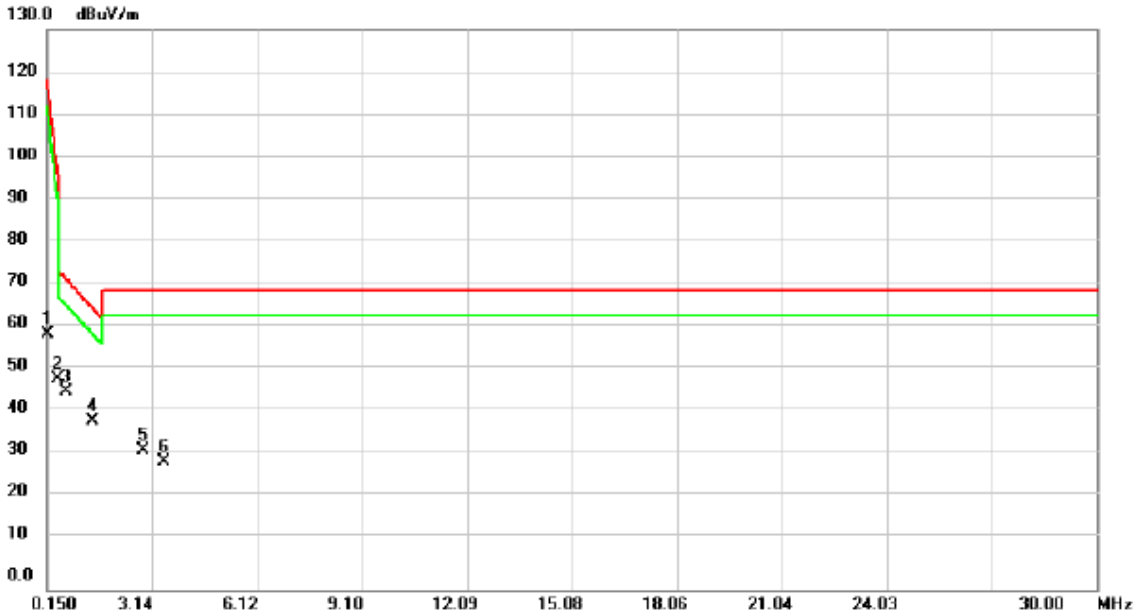
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0541	40.05	12.93	52.98	125.26	-72.28	peak	

Test Mode:	UNII-2A / TX Mode

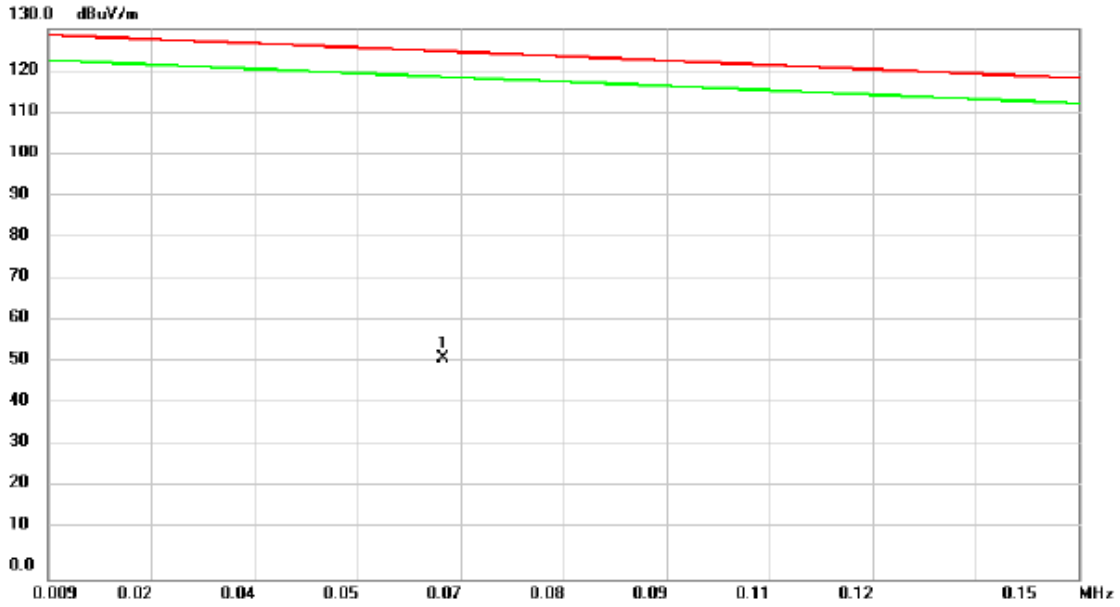
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	47.16	12.03	59.19	118.34	-59.15	peak	
2		0.4485	37.06	11.80	48.86	96.80	-47.94	peak	
3	*	0.6873	34.17	11.87	46.04	72.04	-26.00	peak	
4		1.4334	27.49	11.80	39.29	65.39	-26.10	peak	
5		2.8664	21.25	11.16	32.41	69.54	-37.13	peak	
6		3.4931	18.73	11.17	29.90	69.54	-39.64	peak	

Test Mode:	UNII-2C / TX Mode

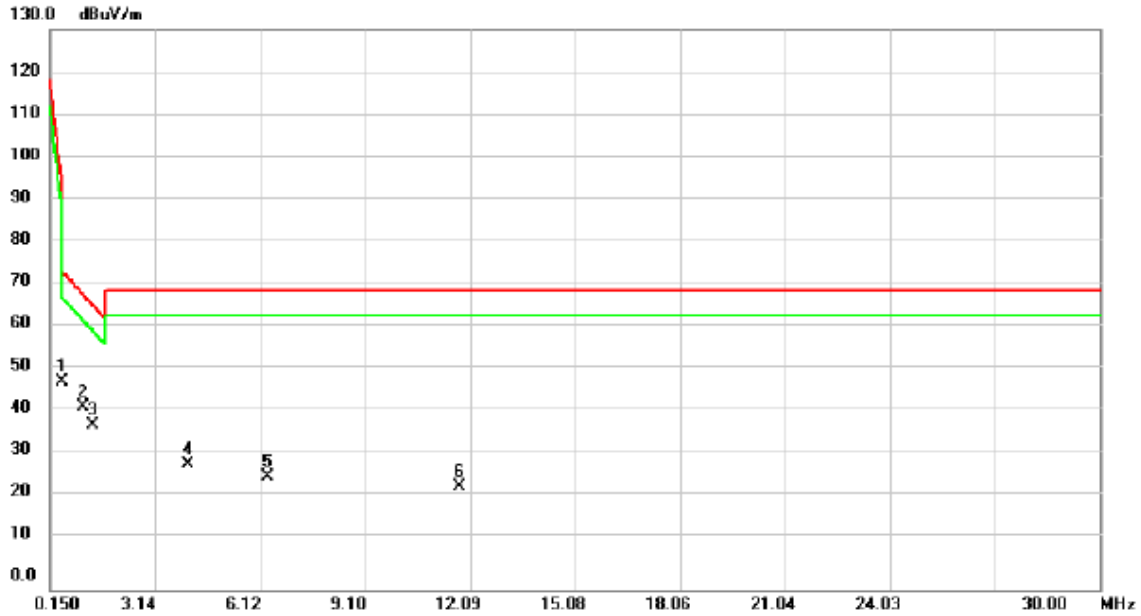
Open



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0631	39.39	12.76	52.15	124.61	-72.46	peak	

Test Mode:	UNII-2C / TX Mode

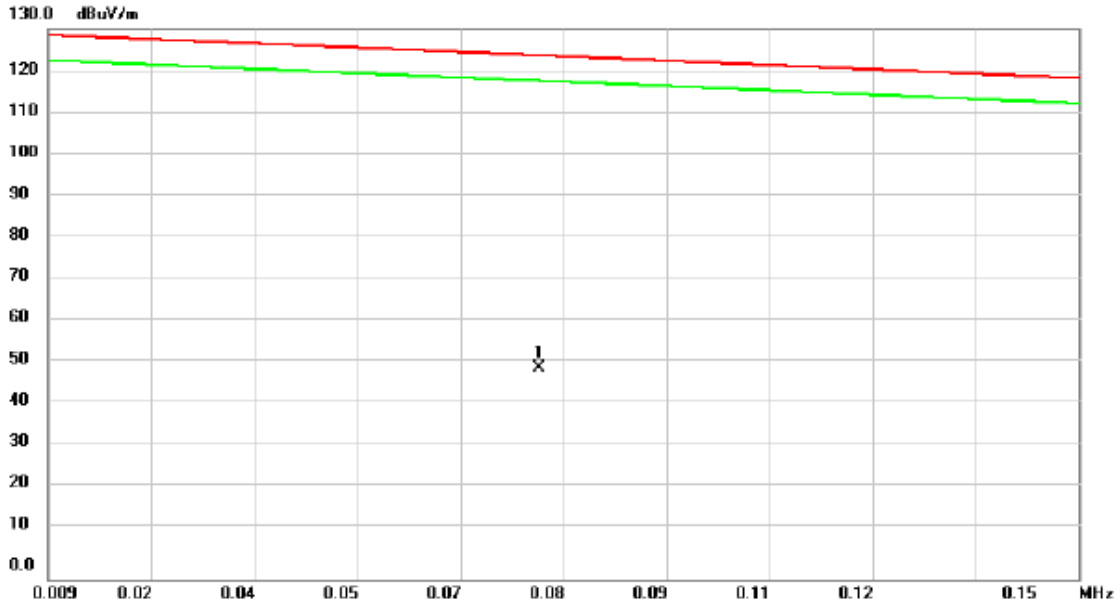
Open



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.5080	36.55	11.80	48.35	73.64	-25.29	peak	
2		1.0750	30.36	11.97	42.33	68.59	-26.26	peak	
3		1.3733	26.48	11.83	38.31	65.93	-27.62	peak	
4		4.0901	17.86	11.26	29.12	69.54	-40.42	peak	
5		6.3586	14.70	11.37	26.07	69.54	-43.47	peak	
6		11.7911	12.65	11.25	23.90	69.54	-45.64	peak	

Test Mode:	UNII-2C / TX Mode

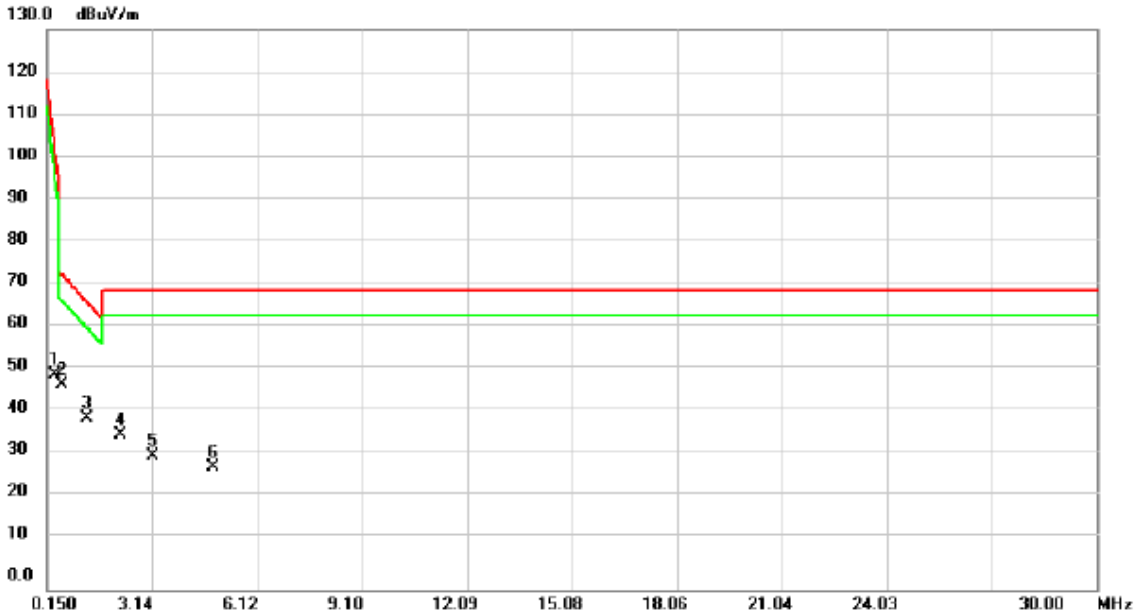
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0763	37.36	12.53	49.89	123.66	-73.77	peak	

Test Mode:	UNII-2C / TX Mode

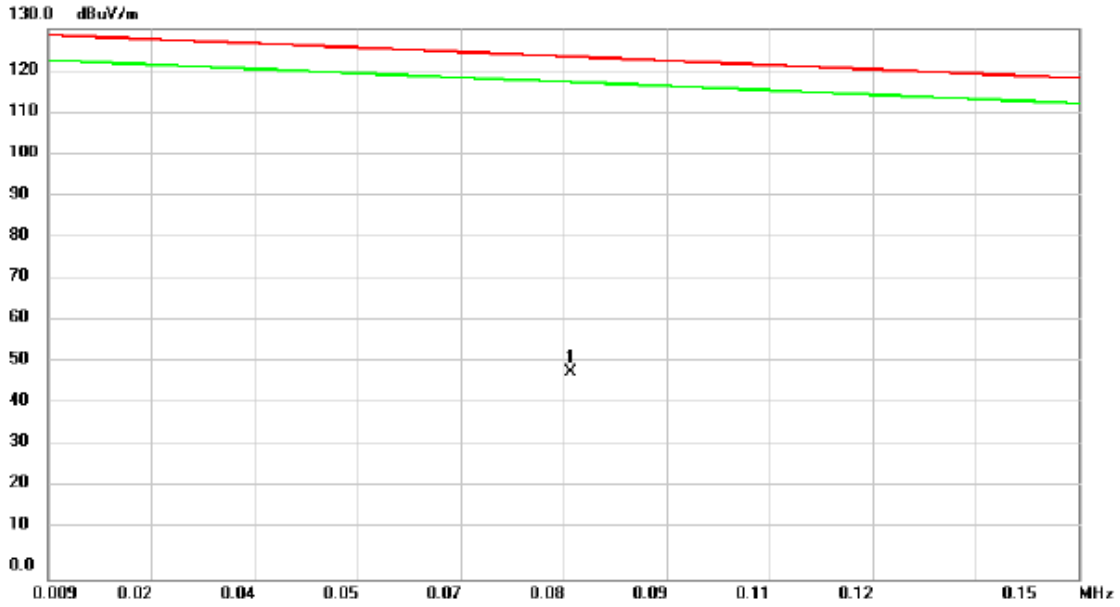
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.3886	38.05	11.80	49.85	101.12	-51.27	peak	
2	*	0.5675	35.78	11.83	47.61	73.11	-25.50	peak	
3		1.2842	27.98	11.87	39.85	66.72	-26.87	peak	
4		2.2395	24.62	11.44	36.06	69.54	-33.48	peak	
5		3.1350	19.91	11.12	31.03	69.54	-38.51	peak	
6		4.8662	16.94	11.38	28.32	69.54	-41.22	peak	

Test Mode:	UNII-3 / TX Mode

Open



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0805	36.62	12.45	49.07	123.36	-74.29	peak	

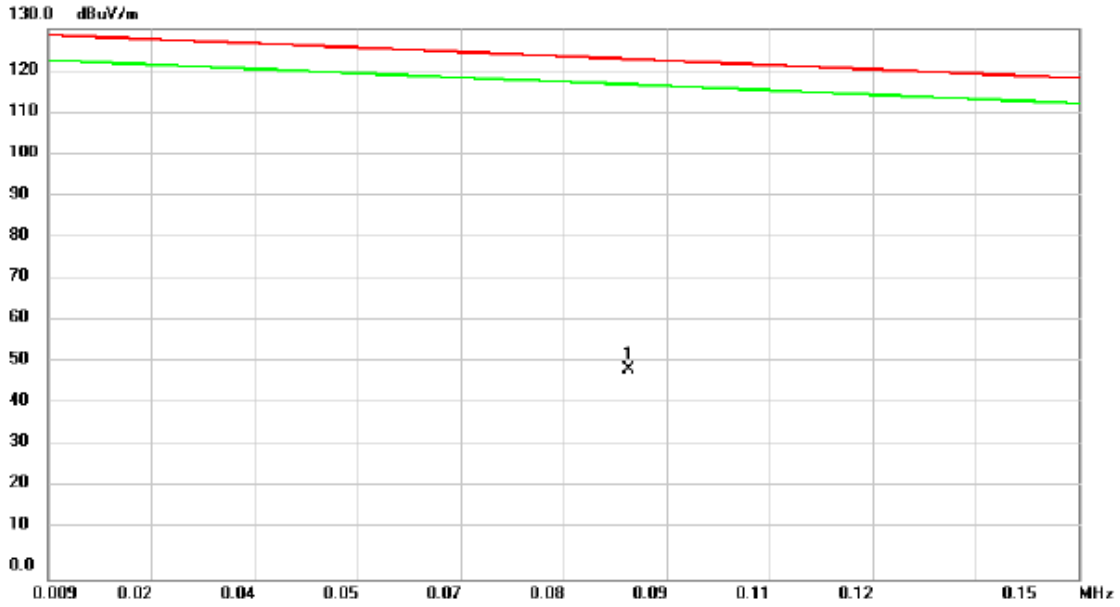
Test Mode:	UNII-3 / TX Mode

Open

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2096	43.96	11.94	55.90	114.04	-58.14	peak	
2	*	1.3440	27.36	11.85	39.21	66.19	-26.98	peak	
3		2.2096	22.66	11.46	34.12	69.54	-35.42	peak	
4		3.3140	18.93	11.15	30.08	69.54	-39.46	peak	
5		4.3290	18.38	11.30	29.68	69.54	-39.86	peak	
6		11.7911	12.65	11.25	23.90	69.54	-45.64	peak	

Test Mode:	UNII-3 / TX Mode

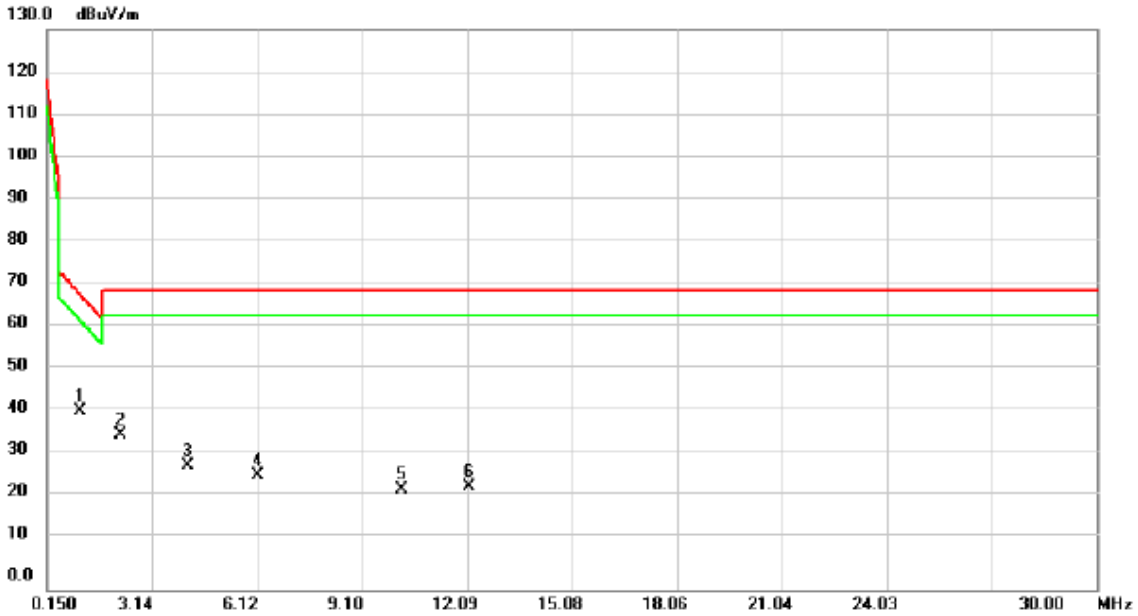
Close



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0884	37.28	12.31	49.59	122.79	-73.20	peak	

Test Mode:	UNII-3 / TX Mode

Close

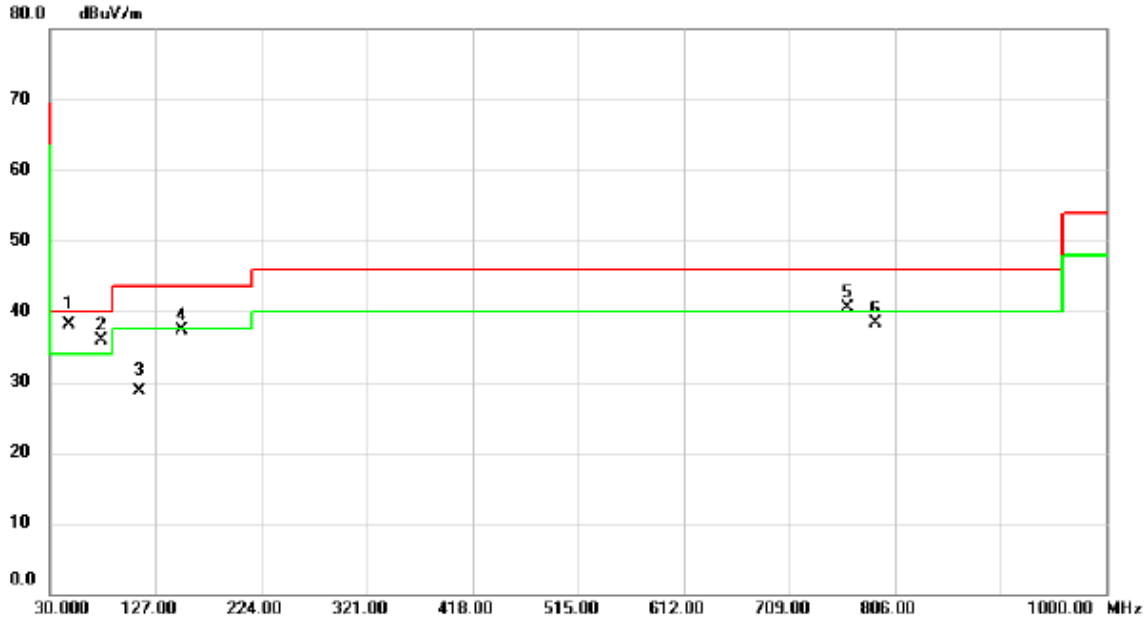


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.1050	29.36	11.95	41.31	68.32	-27.01	peak	
2		2.2395	24.62	11.44	36.06	69.54	-33.48	peak	
3		4.1497	17.35	11.27	28.62	69.54	-40.92	peak	
4		6.1200	15.19	11.38	26.57	69.54	-42.97	peak	
5		10.2393	11.92	11.29	23.21	69.54	-46.33	peak	
6		12.1493	12.61	11.24	23.85	69.54	-45.69	peak	

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

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

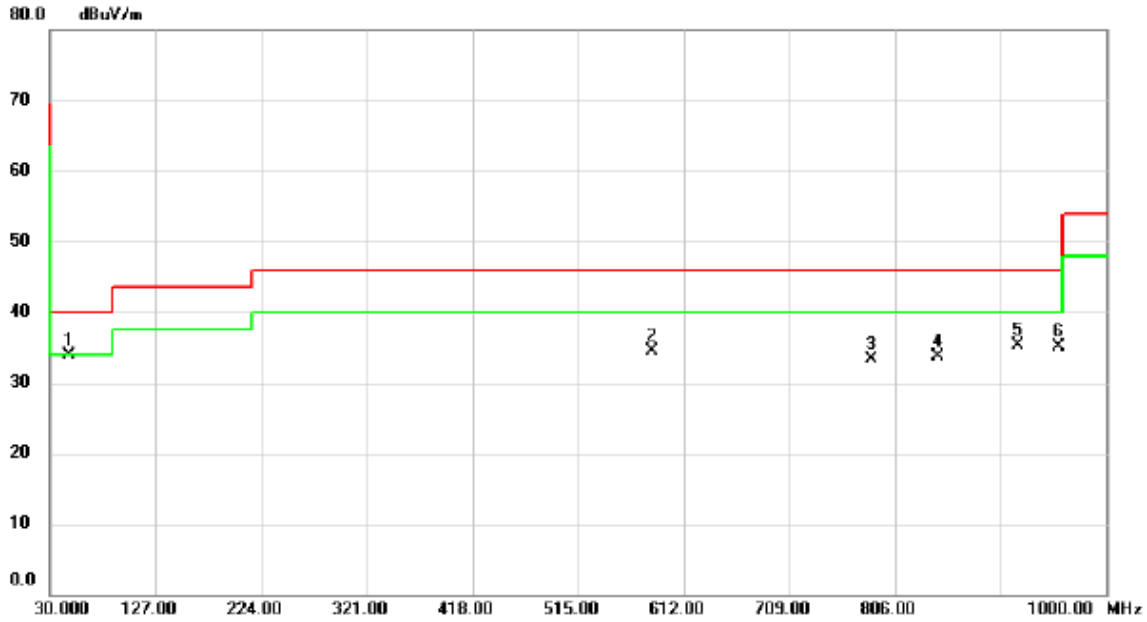
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	46.37	-8.25	38.12	40.00	-1.88	QP	
2	!	77.5300	47.76	-11.78	35.98	40.00	-4.02	peak	
3		112.4500	39.71	-10.93	28.78	43.50	-14.72	QP	
4		151.2500	46.06	-8.72	37.34	43.50	-6.16	peak	
5	!	762.3500	38.12	2.46	40.58	46.00	-5.42	peak	
6		788.5400	35.49	2.76	38.25	46.00	-7.75	peak	

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

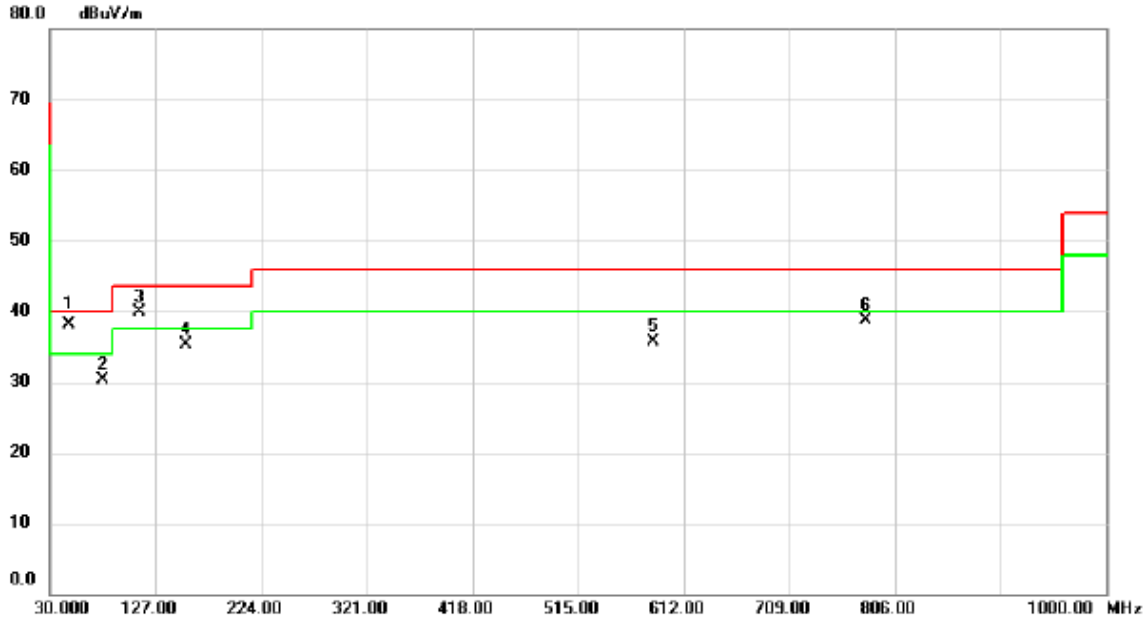
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	42.08	-8.25	33.83	40.00	-6.17	peak	
2		582.9000	35.12	-0.67	34.45	46.00	-11.55	peak	
3		784.6600	30.66	2.72	33.38	46.00	-12.62	peak	
4		845.7700	30.23	3.54	33.77	46.00	-12.23	peak	
5		918.5200	30.43	4.94	35.37	46.00	-10.63	peak	
6		956.3500	29.61	5.57	35.18	46.00	-10.82	peak	

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

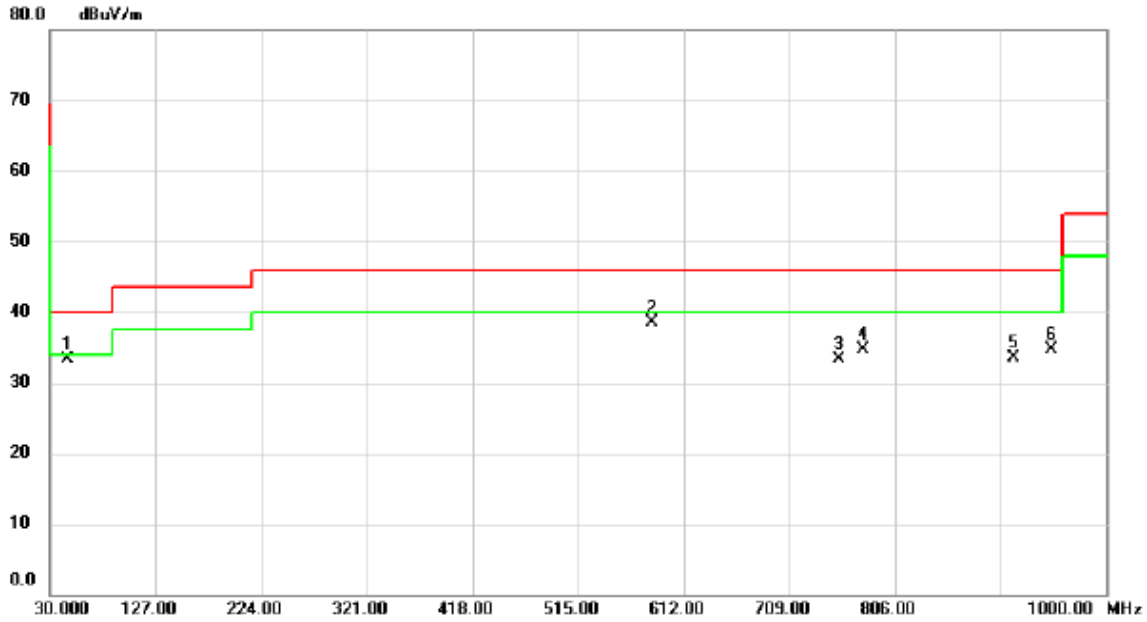
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	46.37	-8.25	38.12	40.00	-1.88	QP	
2		78.5000	42.16	-11.94	30.22	40.00	-9.78	peak	
3	!	111.4800	50.80	-10.99	39.81	43.50	-3.69	peak	
4		155.1300	43.90	-8.65	35.25	43.50	-8.25	peak	
5		583.8700	36.39	-0.65	35.74	46.00	-10.26	peak	
6		779.8100	36.04	2.66	38.70	46.00	-7.30	peak	

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

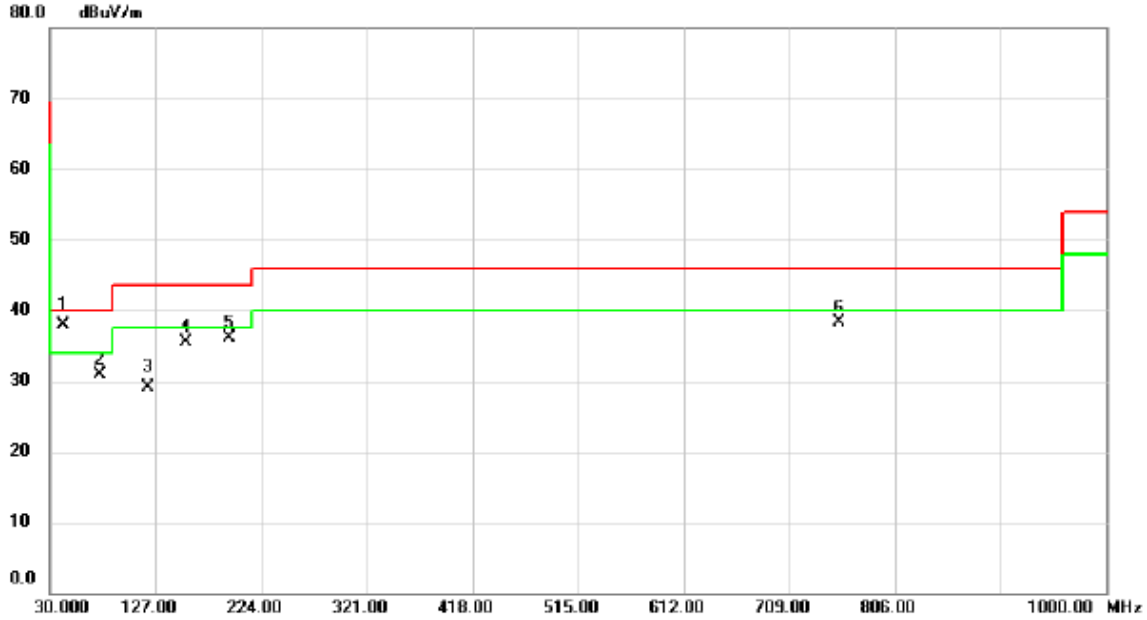
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	46.4900	41.62	-8.25	33.37	40.00	-6.63	peak	
2		582.9000	39.15	-0.67	38.48	46.00	-7.52	peak	
3		754.5900	30.93	2.39	33.32	46.00	-12.68	peak	
4		776.9000	32.08	2.62	34.70	46.00	-11.30	peak	
5		914.6400	28.69	4.87	33.56	46.00	-12.44	peak	
6		949.5600	29.28	5.47	34.75	46.00	-11.25	peak	

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

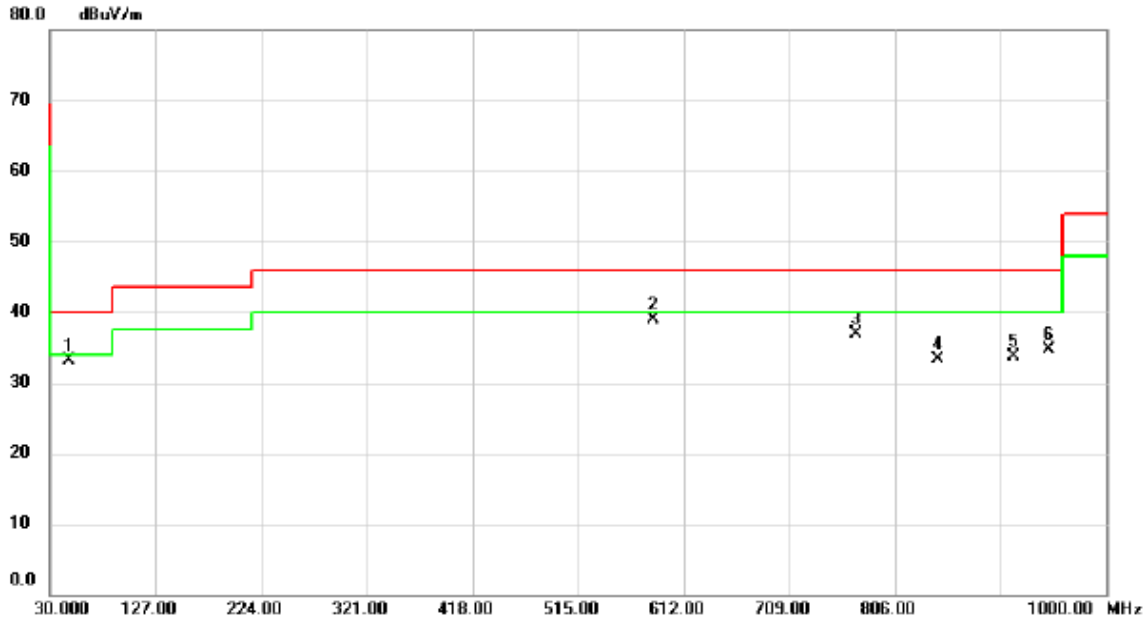
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	41.6400	46.37	-8.54	37.83	40.00	-2.17	QP	
2		75.5900	42.33	-11.46	30.87	40.00	-9.13	peak	
3		119.2400	39.71	-10.52	29.19	43.50	-14.31	QP	
4		154.1600	44.08	-8.66	35.42	43.50	-8.08	peak	
5		194.9000	46.83	-10.70	36.13	43.50	-7.37	peak	
6		754.5900	35.82	2.39	38.21	46.00	-7.79	peak	

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

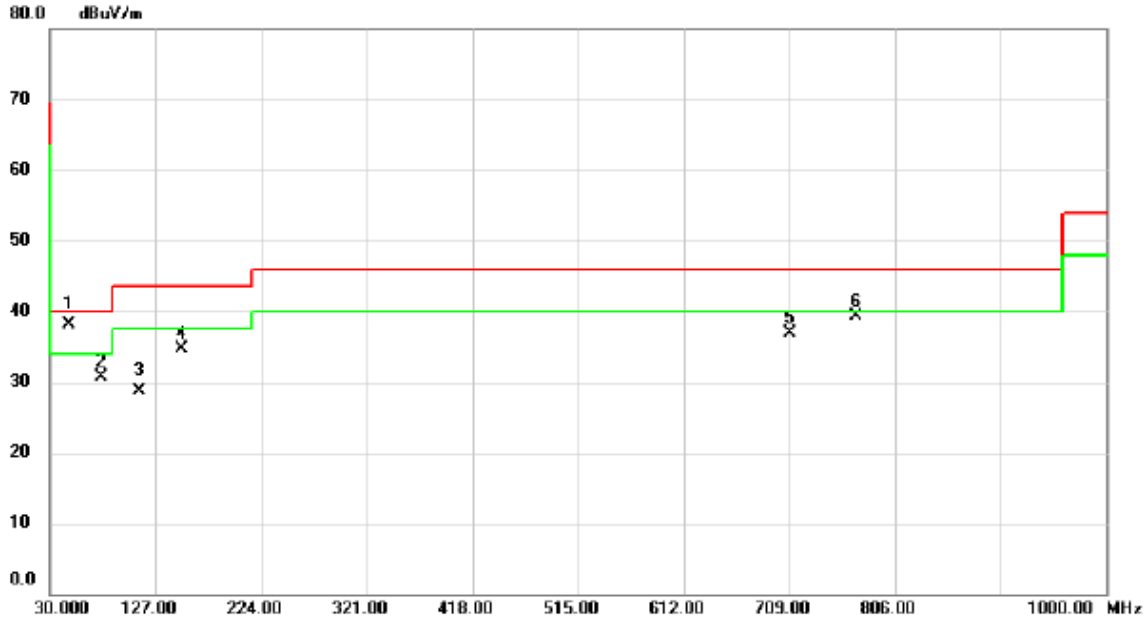
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	41.37	-8.25	33.12	40.00	-6.88	peak	
2		583.8700	39.50	-0.65	38.85	46.00	-7.15	peak	
3		770.1100	34.42	2.55	36.97	46.00	-9.03	peak	
4		845.7700	29.85	3.54	33.39	46.00	-12.61	peak	
5		914.6400	28.92	4.87	33.79	46.00	-12.21	peak	
6		947.6200	29.31	5.44	34.75	46.00	-11.25	peak	

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

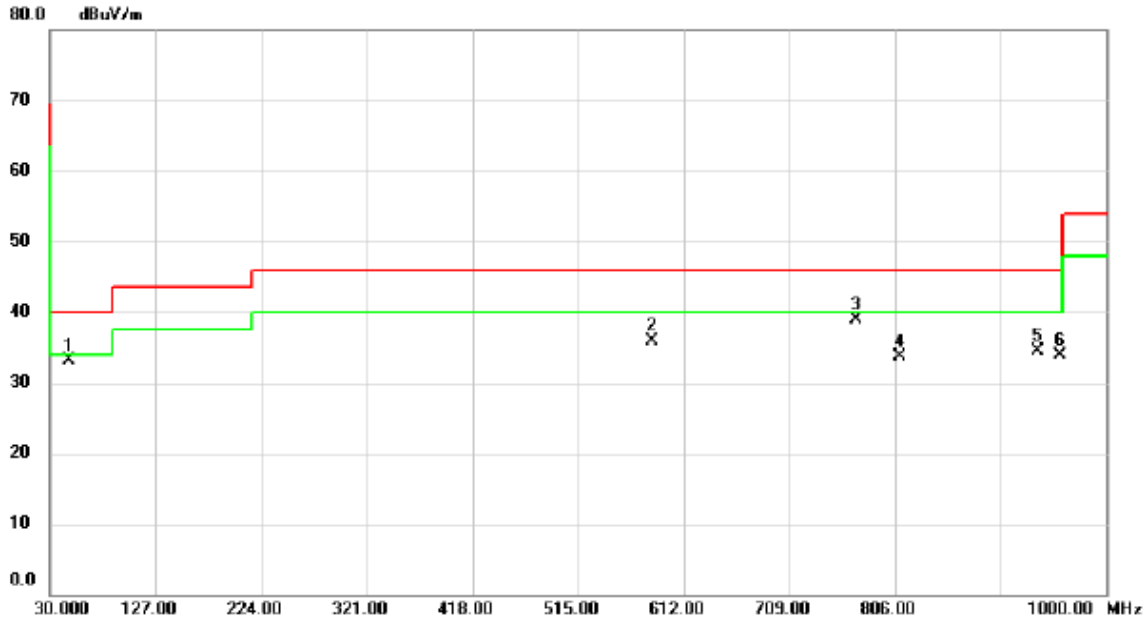
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	46.37	-8.25	38.12	40.00	-1.88	QP	
2		77.5300	42.40	-11.78	30.62	40.00	-9.38	peak	
3		111.4800	39.71	-10.99	28.72	43.50	-14.78	QP	
4		150.2800	43.49	-8.74	34.75	43.50	-8.75	peak	
5		709.9700	35.38	1.50	36.88	46.00	-9.12	peak	
6		770.1100	36.74	2.55	39.29	46.00	-6.71	peak	

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

Horizontal

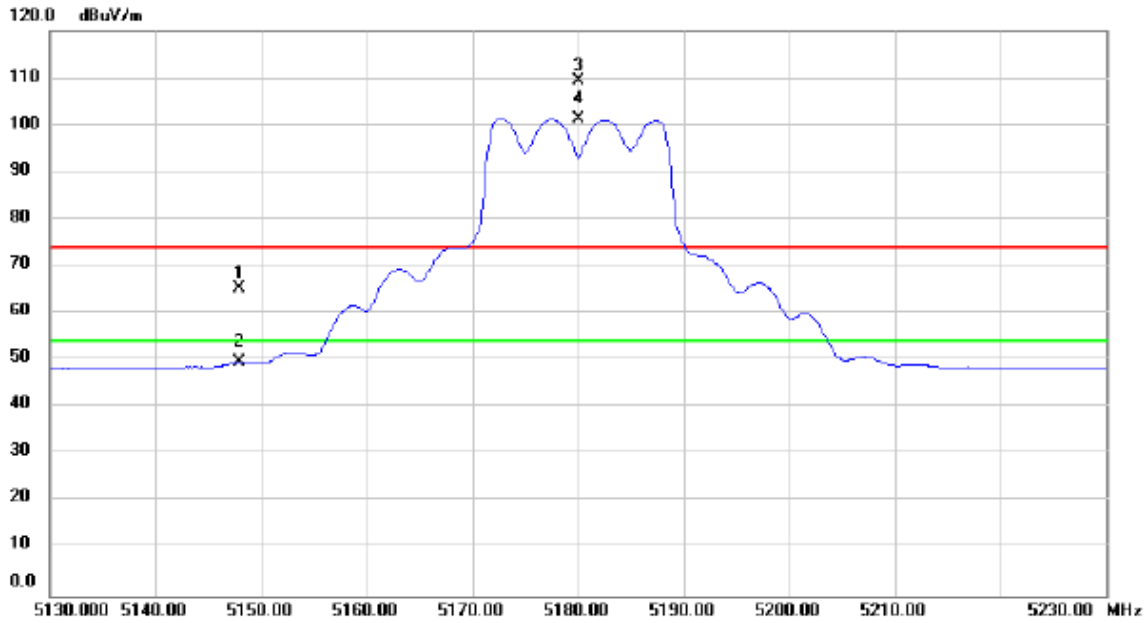


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.4600	41.43	-8.25	33.18	40.00	-6.82	peak	
2		582.9000	36.53	-0.67	35.86	46.00	-10.14	peak	
3		770.1100	36.45	2.55	39.00	46.00	-7.00	peak	
4		810.8500	30.61	3.04	33.65	46.00	-12.35	peak	
5		936.9500	29.29	5.25	34.54	46.00	-11.46	peak	
6		957.3200	28.29	5.59	33.88	46.00	-12.12	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

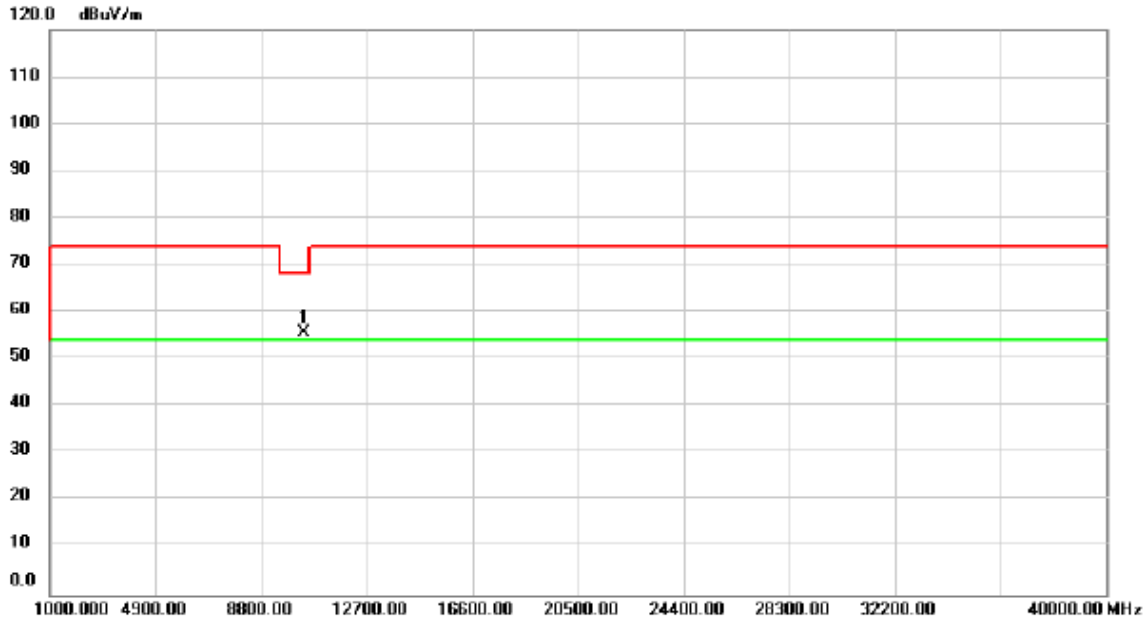
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.900	26.93	38.45	65.38	74.00	-8.62	peak	
2		5147.900	11.14	38.45	49.59	54.00	-4.41	AVG	
3	X	5180.000	70.84	38.48	109.32	74.00	35.32	peak	No Limit
4	*	5180.000	62.90	38.48	101.38	54.00	47.38	AVG	No Limit

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

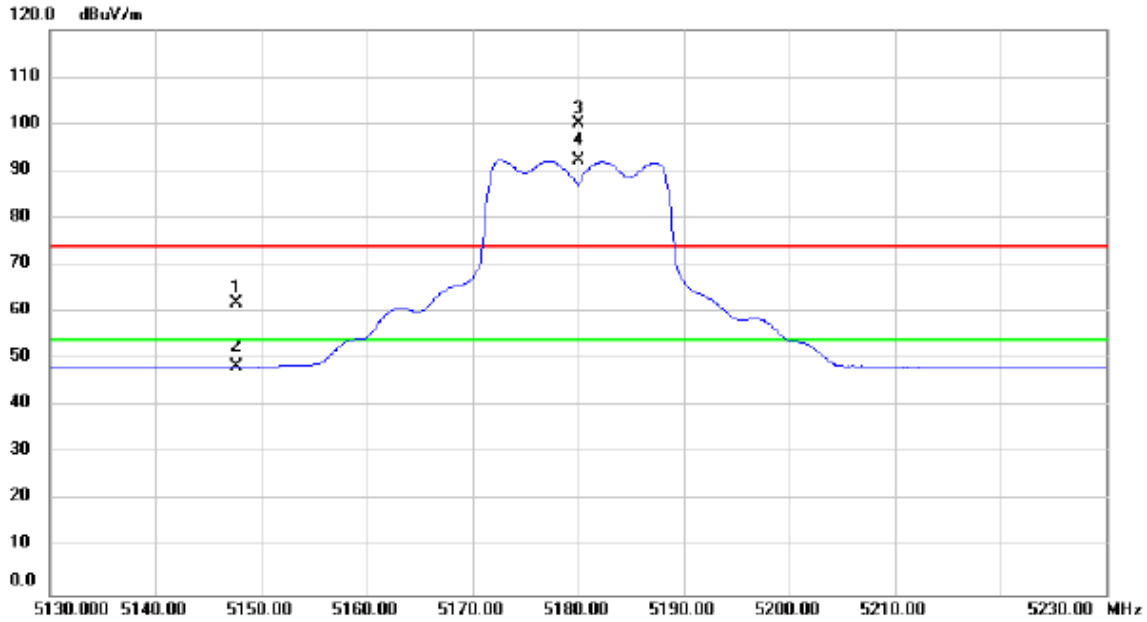
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	52.54	3.21	55.75	68.20	-12.45	peak	

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

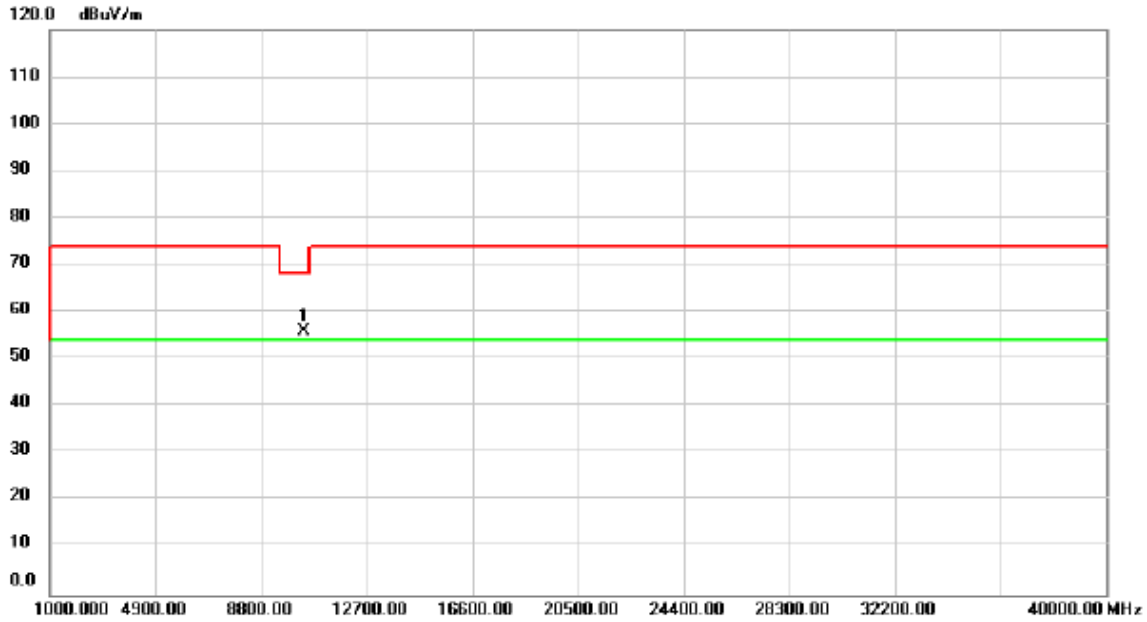
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.600	23.42	38.45	61.87	74.00	-12.13	peak	
2		5147.600	9.89	38.45	48.34	54.00	-5.66	AVG	
3	X	5180.000	61.44	38.48	99.92	74.00	25.92	peak	No Limit
4	*	5180.000	53.68	38.48	92.16	54.00	38.16	AVG	No Limit

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

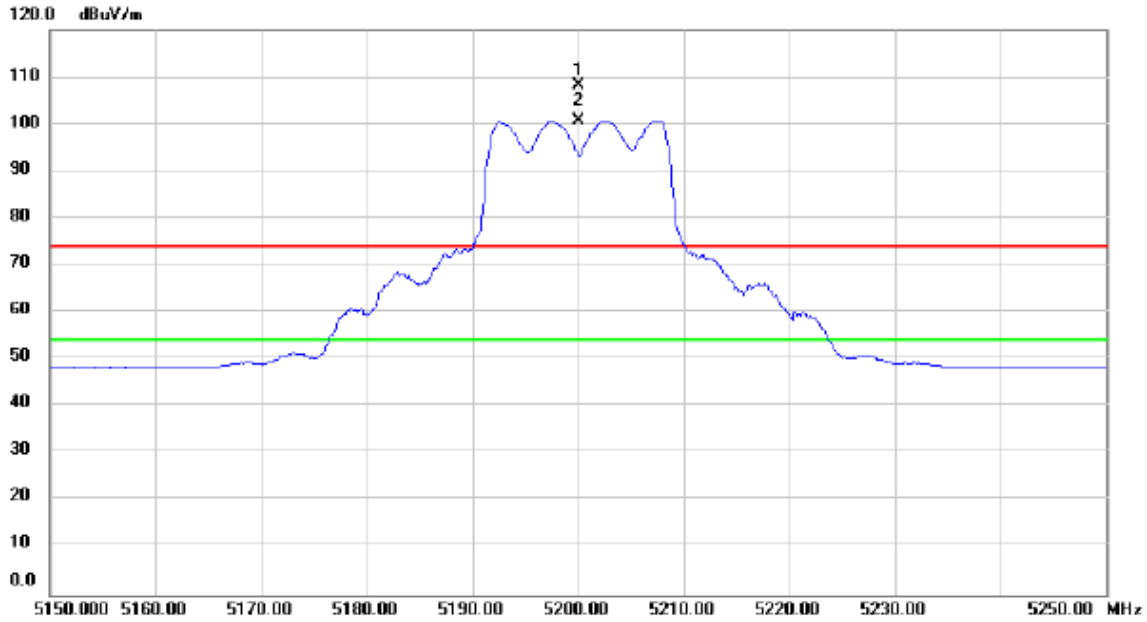
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	52.60	3.21	55.81	68.20	-12.39	peak	

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

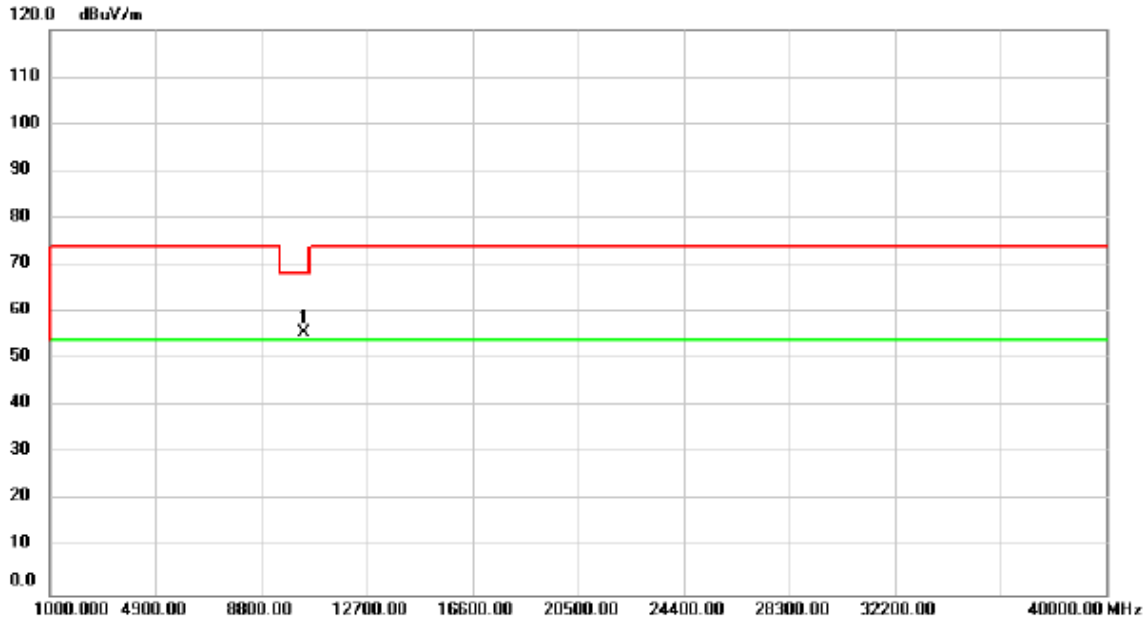
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	69.64	38.51	108.15	74.00	34.15	peak	No Limit
2	*	5200.000	62.25	38.51	100.76	54.00	46.76	AVG	No Limit

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

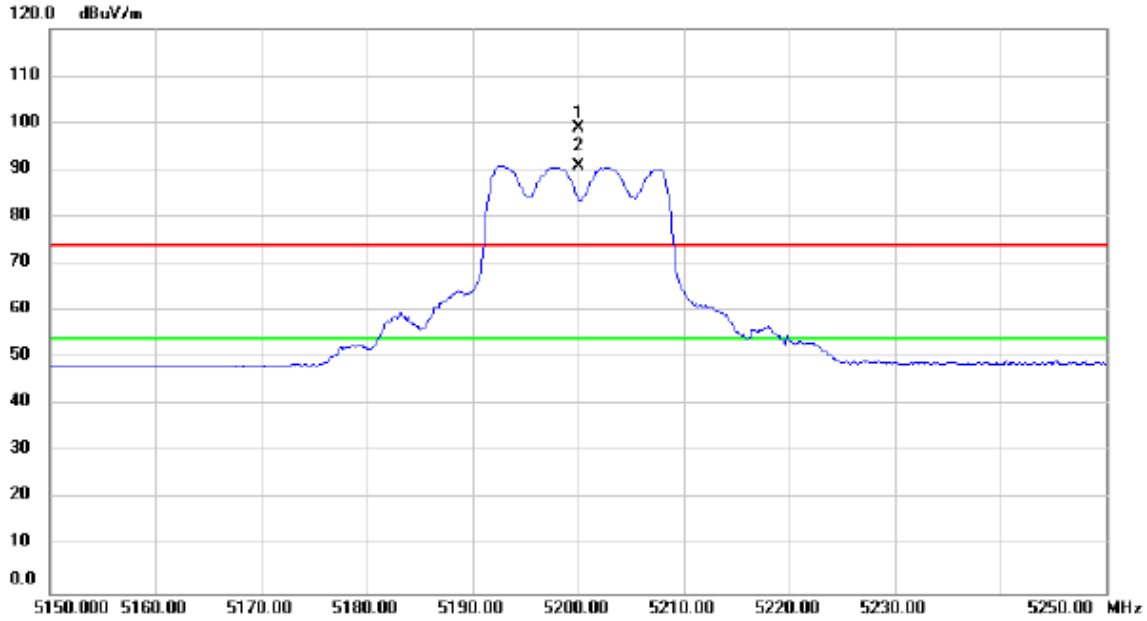
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	52.34	3.22	55.56	68.20	-12.64	peak	

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

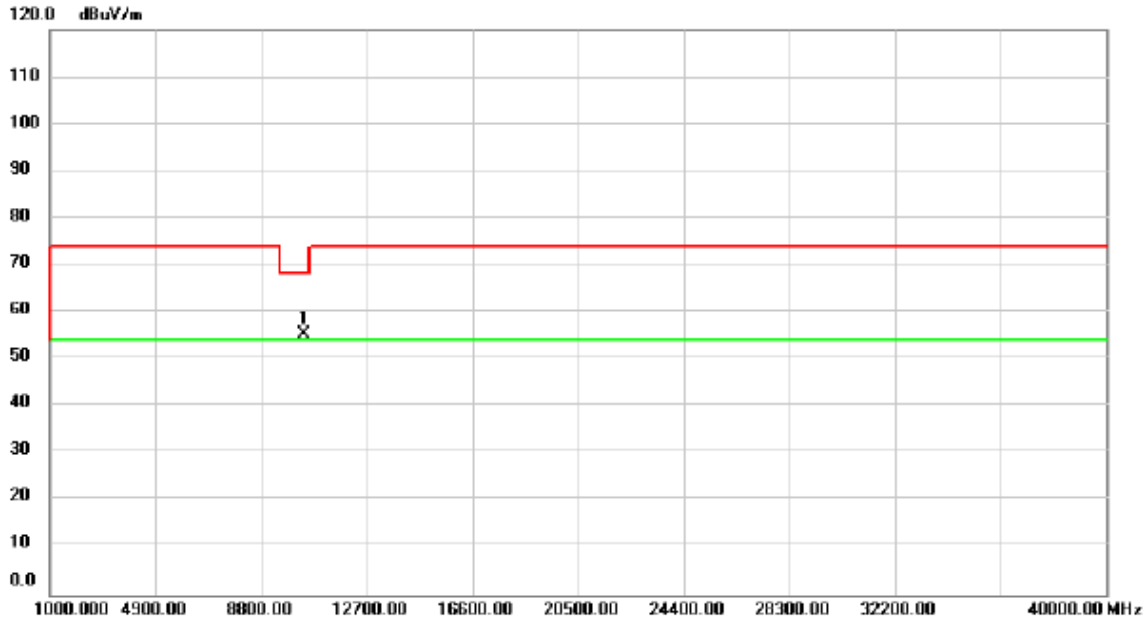
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	60.30	38.51	98.81	74.00	24.81	peak	No Limit
2	*	5200.000	52.15	38.51	90.66	54.00	36.66	AVG	No Limit

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

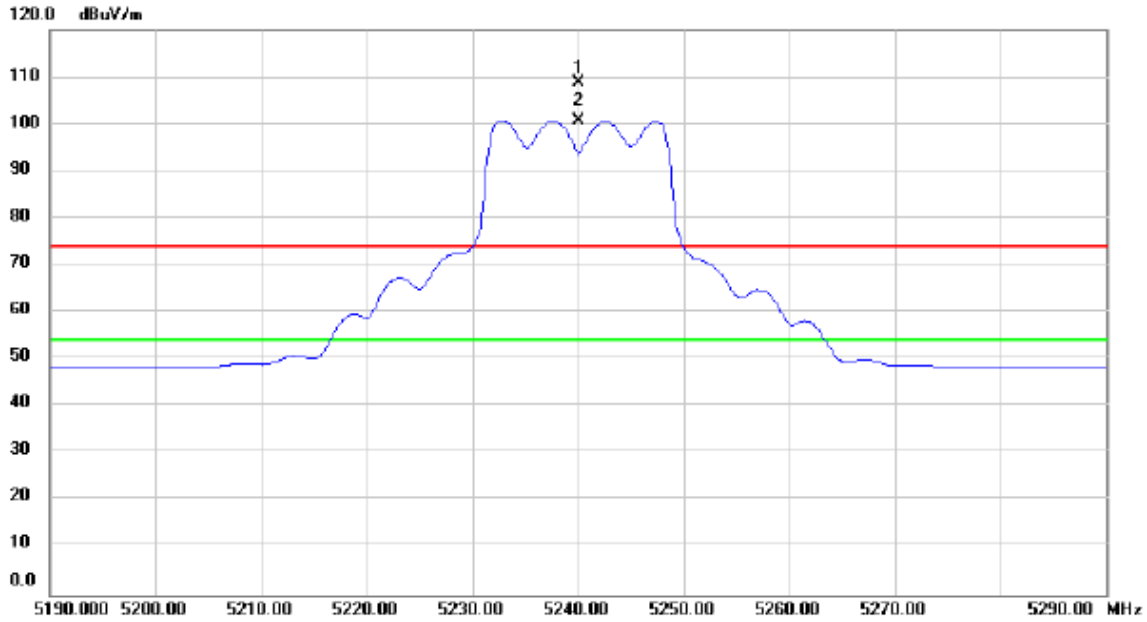
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	52.06	3.22	55.28	68.20	-12.92	peak	

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

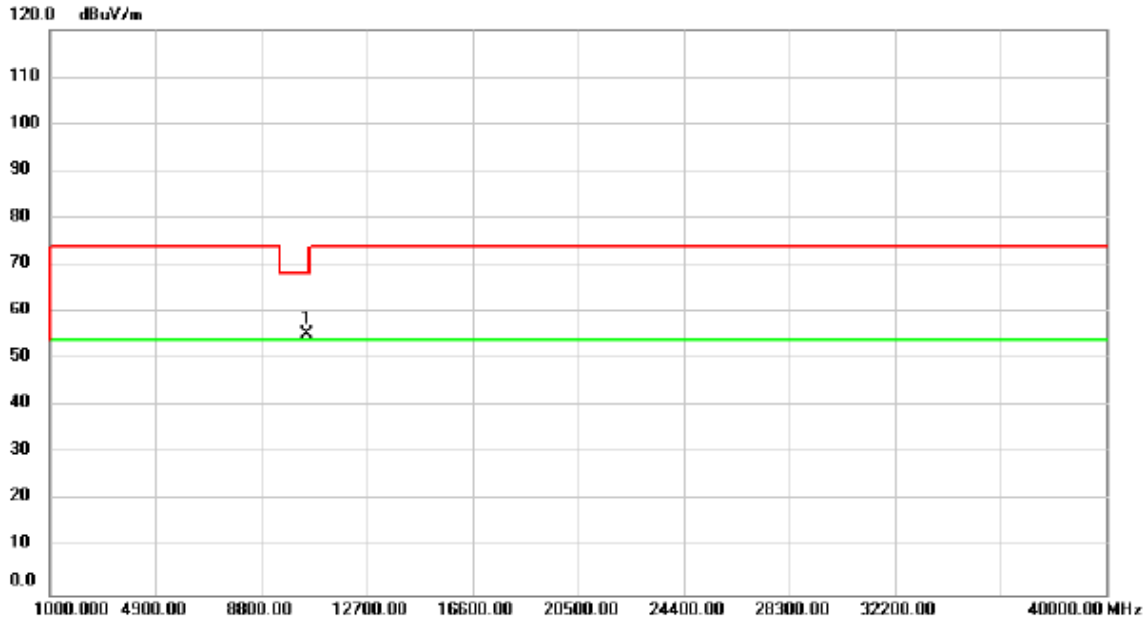
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	70.16	38.56	108.72	74.00	34.72	peak	No Limit
2	*	5240.000	62.08	38.56	100.64	54.00	46.64	AVG	No Limit

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

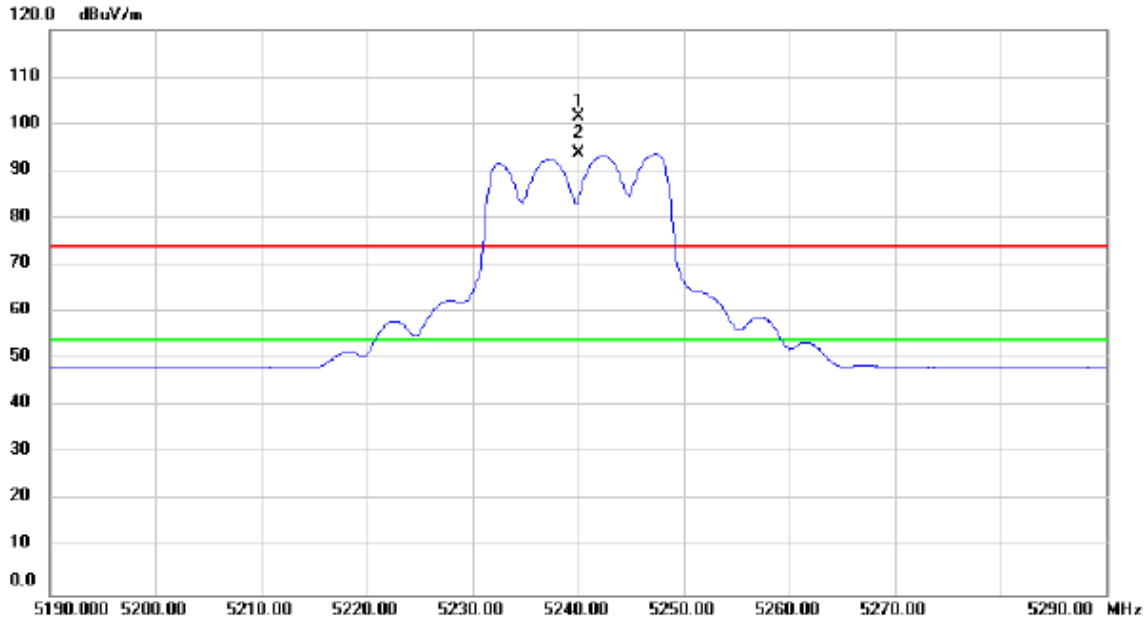
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	52.27	3.21	55.48	68.20	-12.72	peak	

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

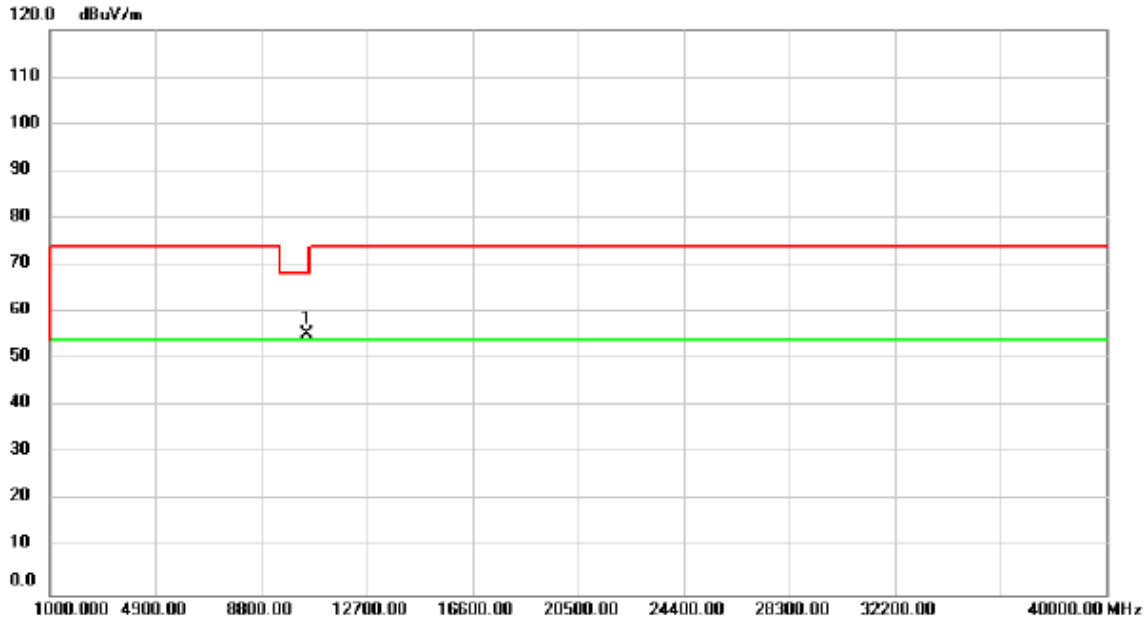
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	63.06	38.56	101.62	74.00	27.62	peak	No Limit
2	*	5240.000	55.13	38.56	93.69	54.00	39.69	AVG	No Limit

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

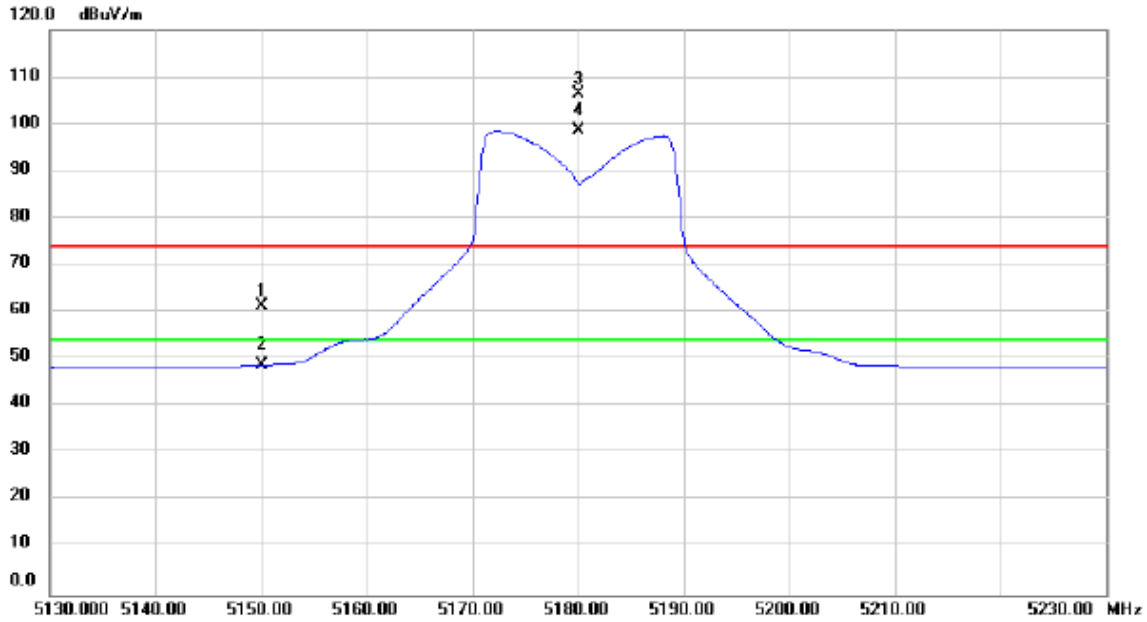
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	52.18	3.21	55.39	68.20	-12.81	peak	

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

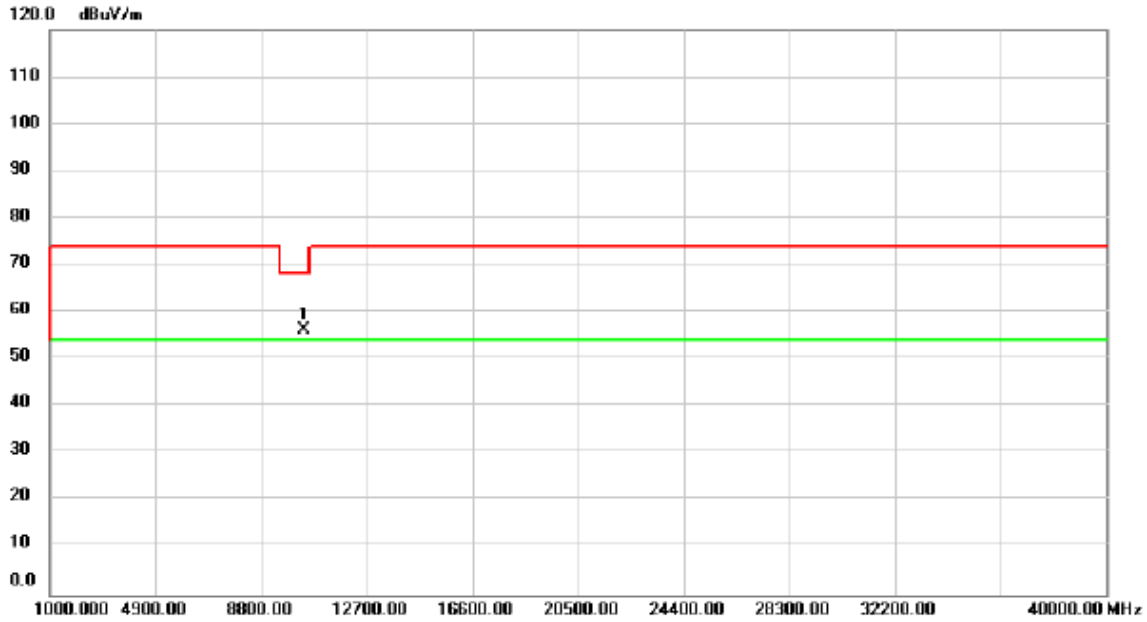
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	22.97	38.45	61.42	74.00	-12.58	peak	
2		5150.000	10.37	38.45	48.82	54.00	-5.18	AVG	
3	X	5180.000	67.95	38.48	106.43	74.00	32.43	peak	No Limit
4	*	5180.000	59.96	38.48	98.44	54.00	44.44	AVG	No Limit

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

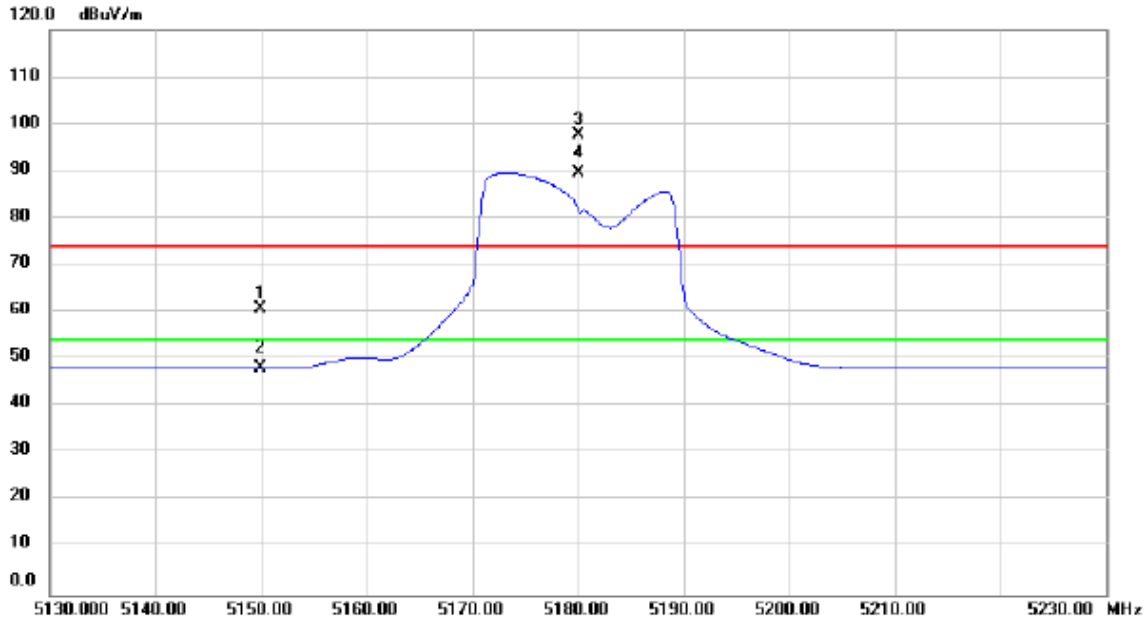
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	52.96	3.21	56.17	68.20	-12.03	peak	

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

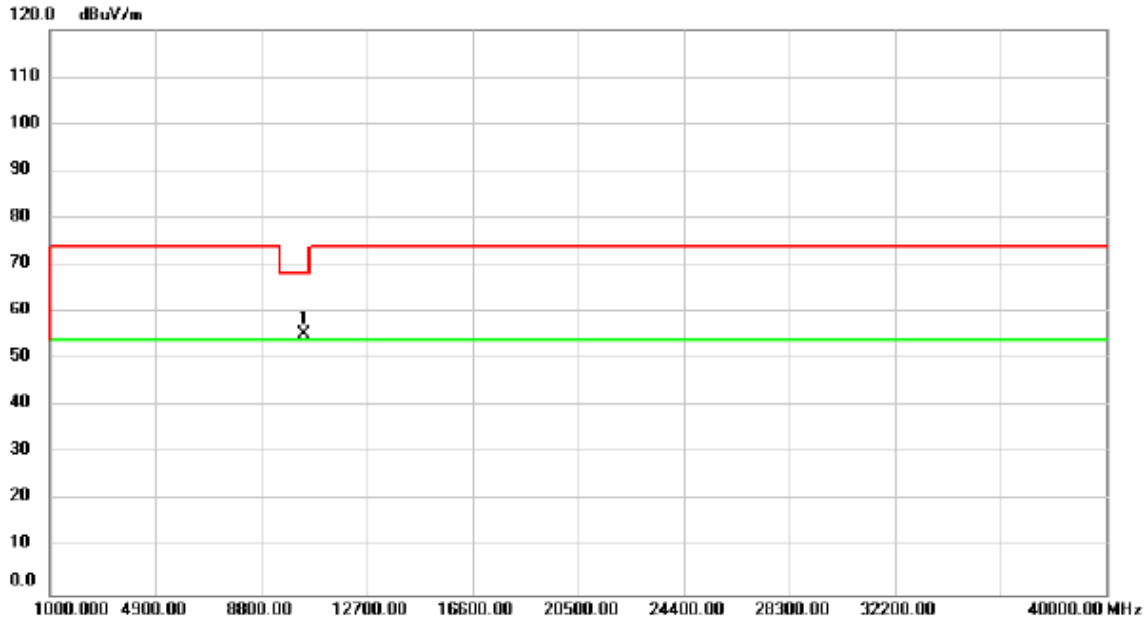
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.900	22.16	38.45	60.61	74.00	-13.39	peak	
2		5149.900	9.74	38.45	48.19	54.00	-5.81	AVG	
3	X	5180.000	59.20	38.48	97.68	74.00	23.68	peak	No Limit
4	*	5180.000	51.09	38.48	89.57	54.00	35.57	AVG	No Limit

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

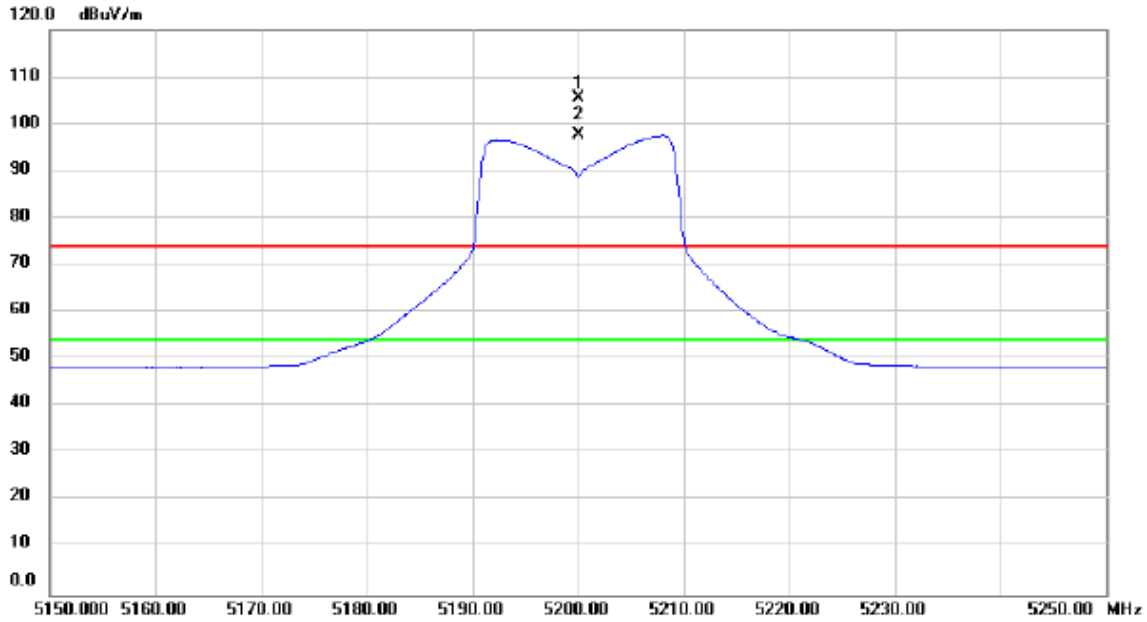
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	52.06	3.21	55.27	68.20	-12.93	peak	

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

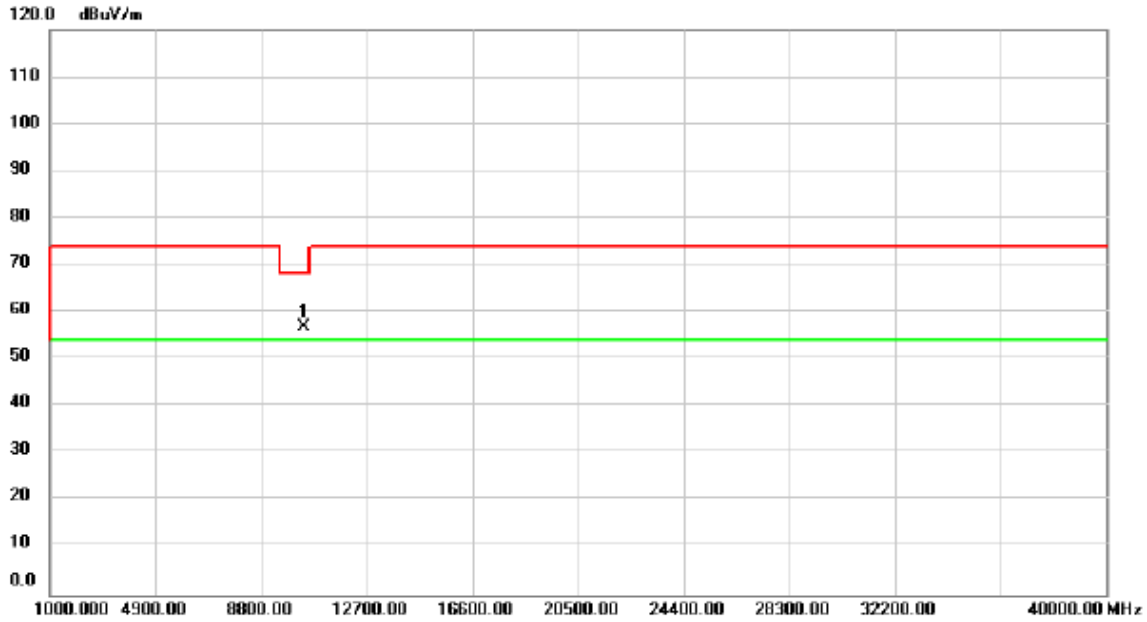
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	67.03	38.51	105.54	74.00	31.54	peak	No Limit
2	*	5200.000	59.01	38.51	97.52	54.00	43.52	AVG	No Limit

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

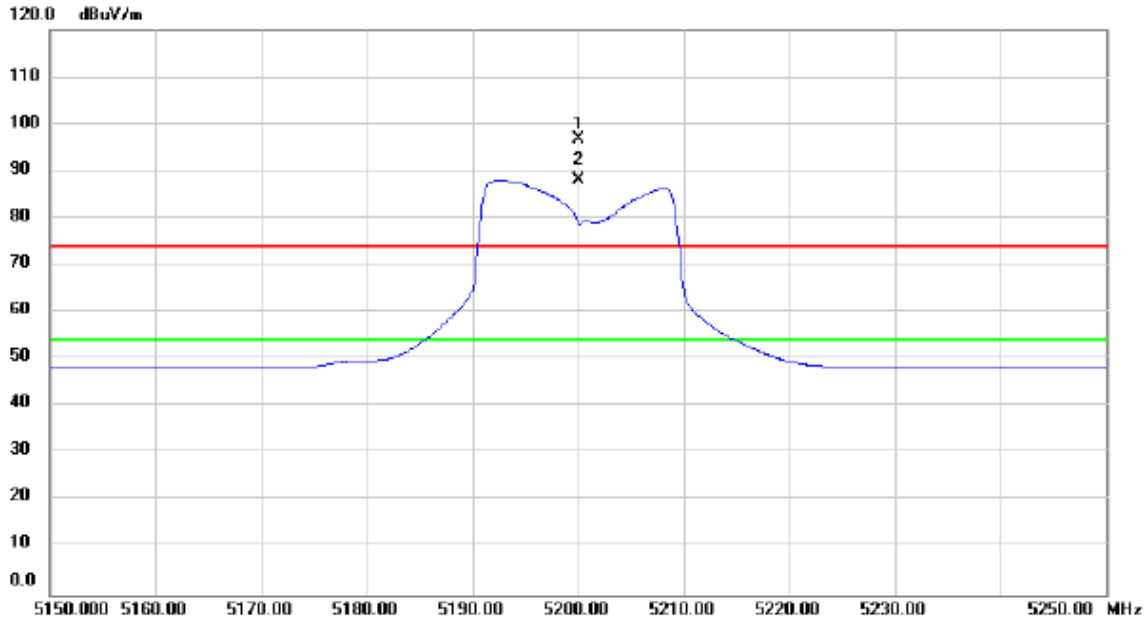
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	53.75	3.22	56.97	68.20	-11.23	peak	

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

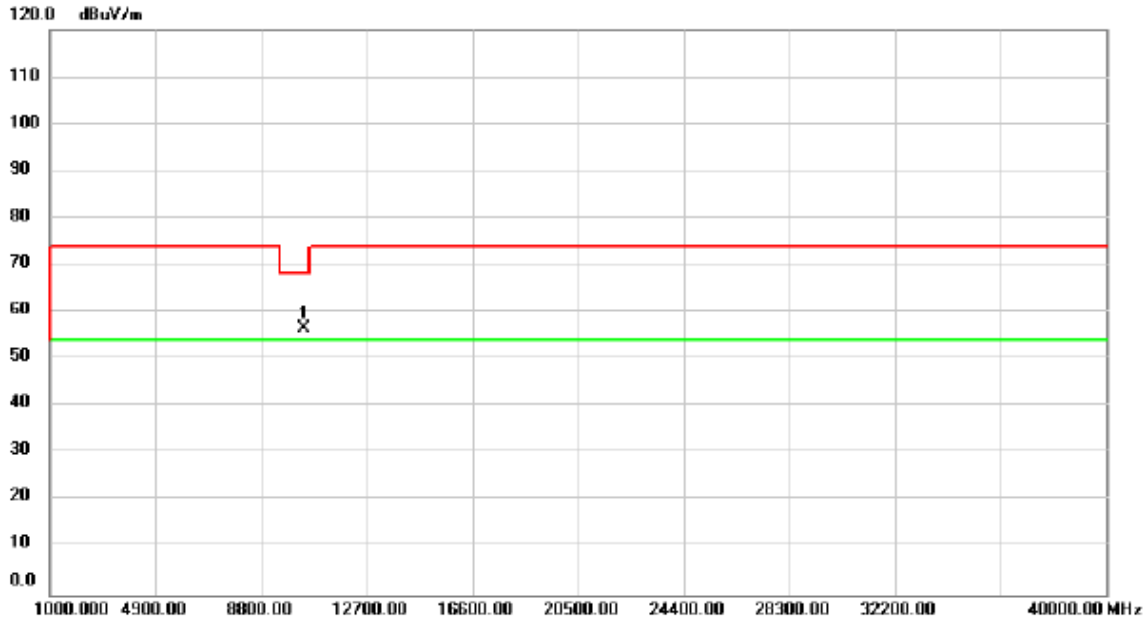
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5200.000	58.11	38.51	96.62	74.00	22.62	peak	No Limit
2	*	5200.000	49.50	38.51	88.01	54.00	34.01	AVG	No Limit

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

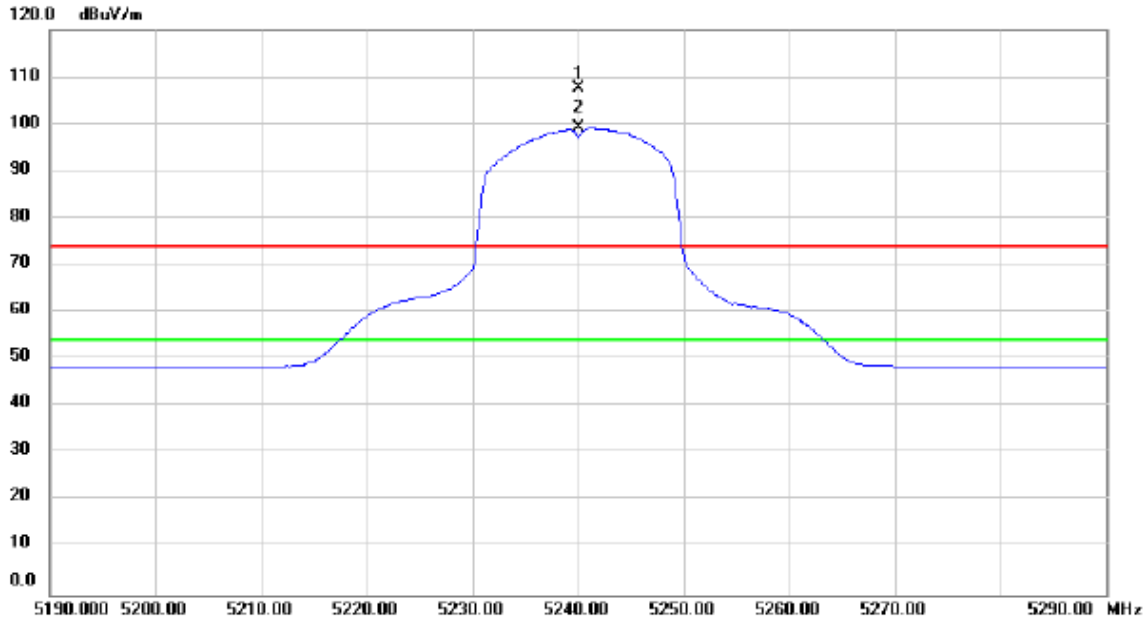
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	53.25	3.22	56.47	68.20	-11.73	peak	

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

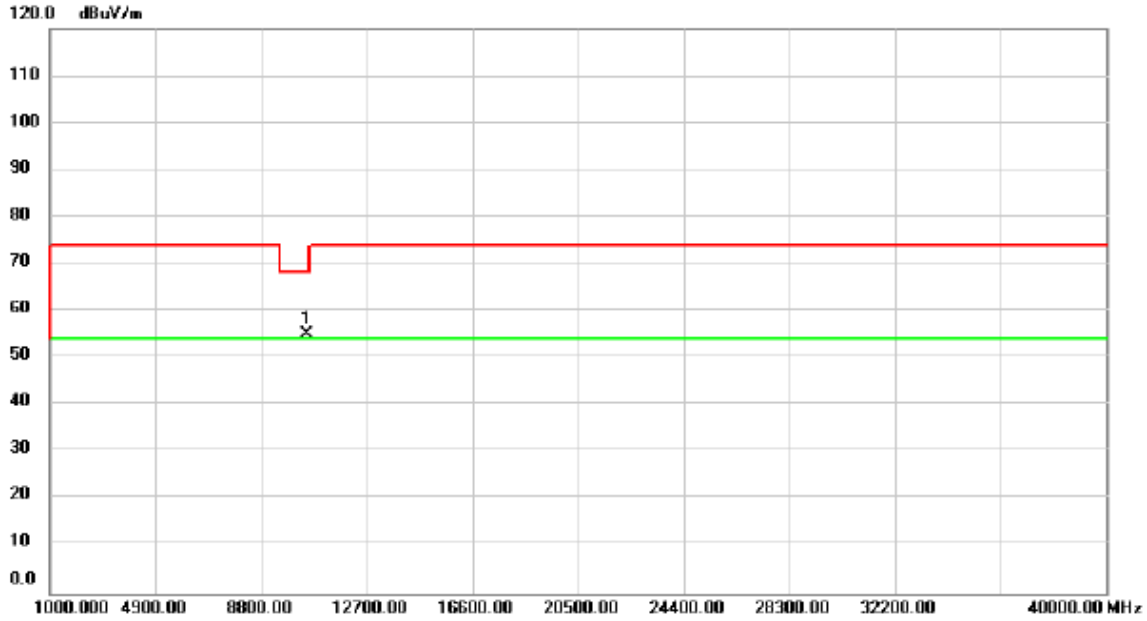
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	69.12	38.56	107.68	74.00	33.68	peak	No Limit
2	*	5240.000	60.49	38.56	99.05	54.00	45.05	AVG	No Limit

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

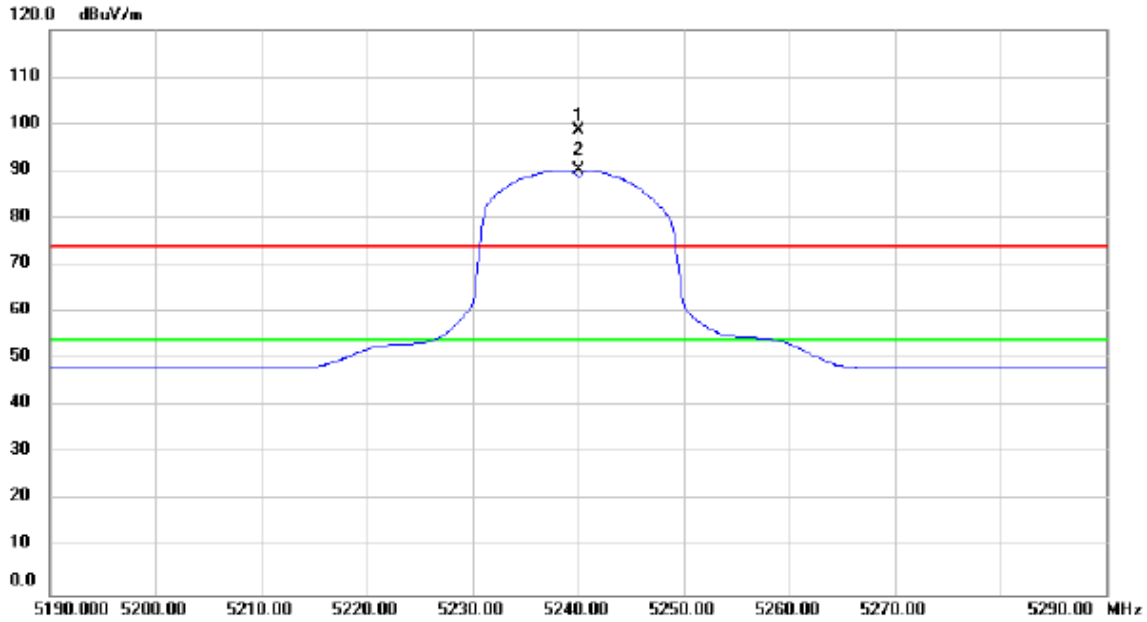
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	51.97	3.21	55.18	68.20	-13.02	peak	

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

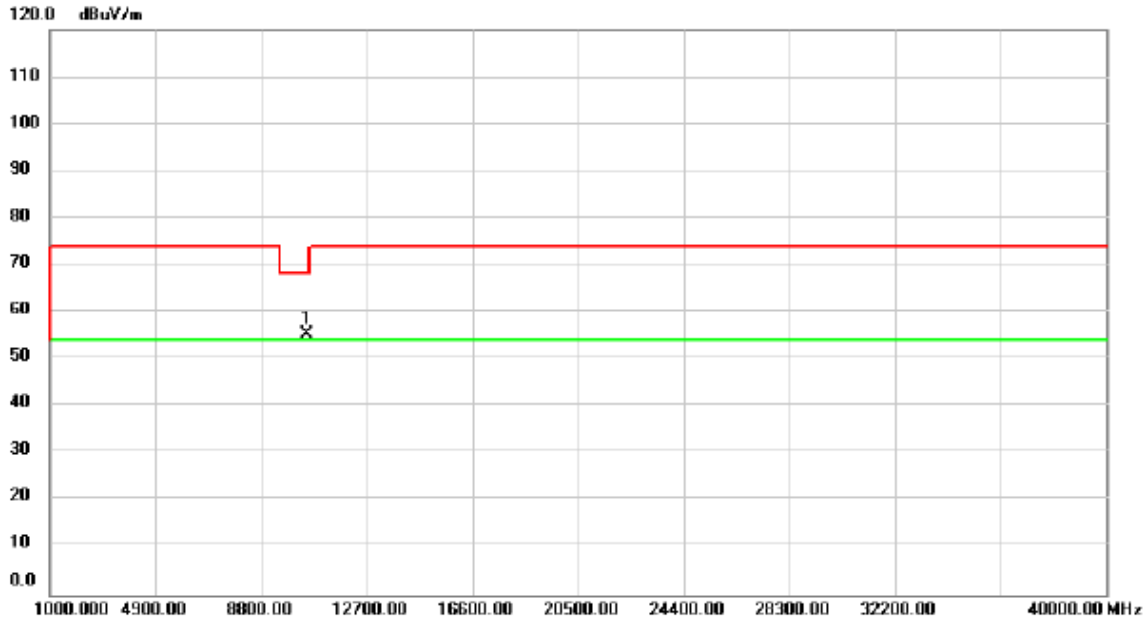
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5240.000	59.92	38.56	98.48	74.00	24.48	peak	No Limit
2	*	5240.000	51.69	38.56	90.25	54.00	36.25	AVG	No Limit

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

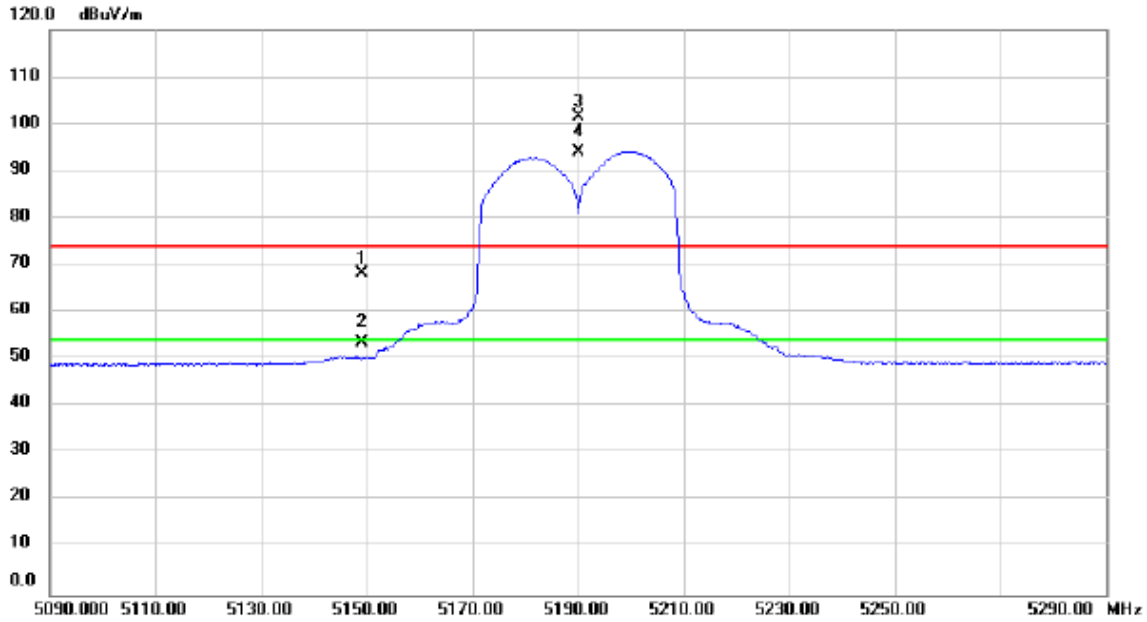
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	52.27	3.21	55.48	68.20	-12.72	peak	

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

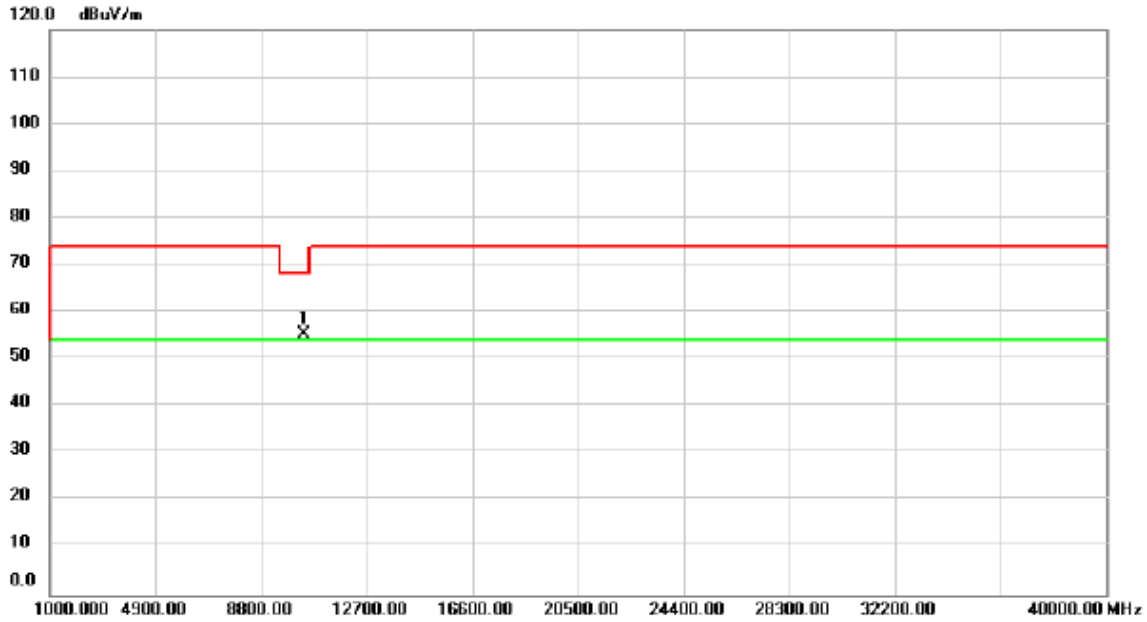
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.000	29.80	38.45	68.25	74.00	-5.75	peak	
2		5149.000	15.19	38.45	53.64	54.00	-0.36	AVG	
3	X	5190.000	63.08	38.50	101.58	74.00	27.58	peak	No Limit
4	*	5190.000	55.67	38.50	94.17	54.00	40.17	AVG	No Limit

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

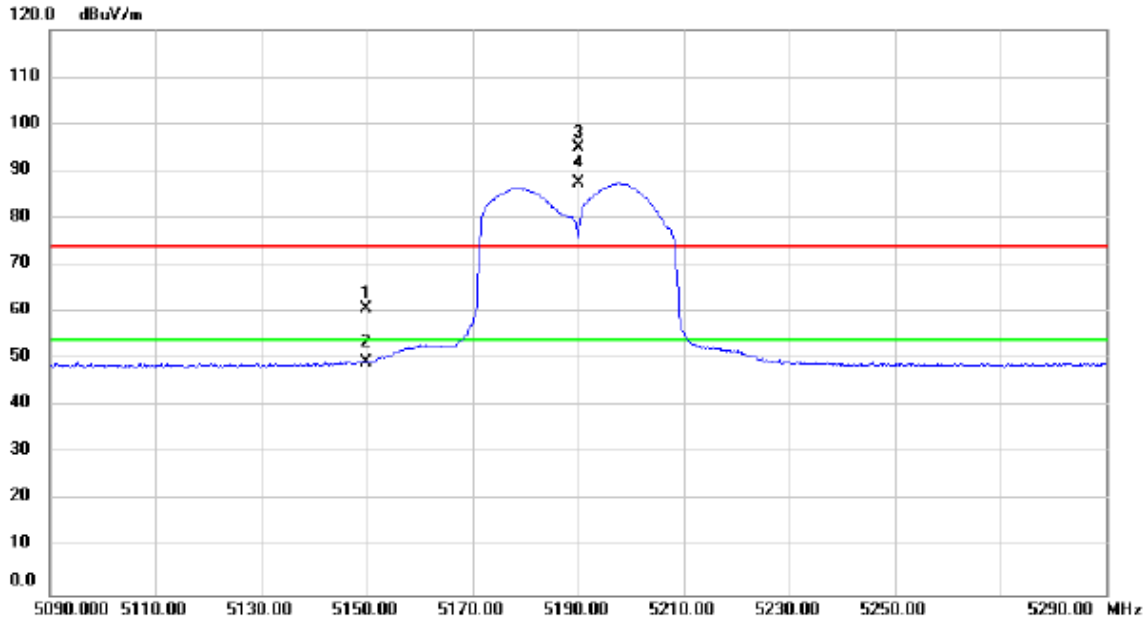
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	52.19	3.22	55.41	68.20	-12.79	peak	

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

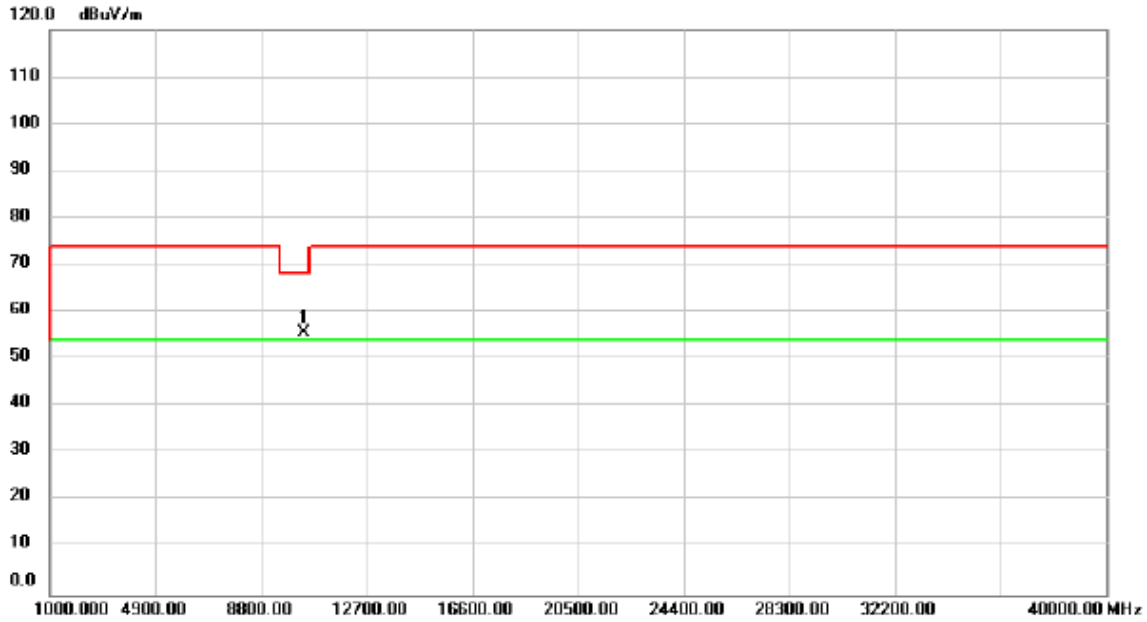
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.800	22.41	38.45	60.86	74.00	-13.14	peak	
2		5149.800	10.95	38.45	49.40	54.00	-4.60	AVG	
3	X	5190.000	56.46	38.50	94.96	74.00	20.96	peak	No Limit
4	*	5190.000	48.88	38.50	87.38	54.00	33.38	AVG	No Limit

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

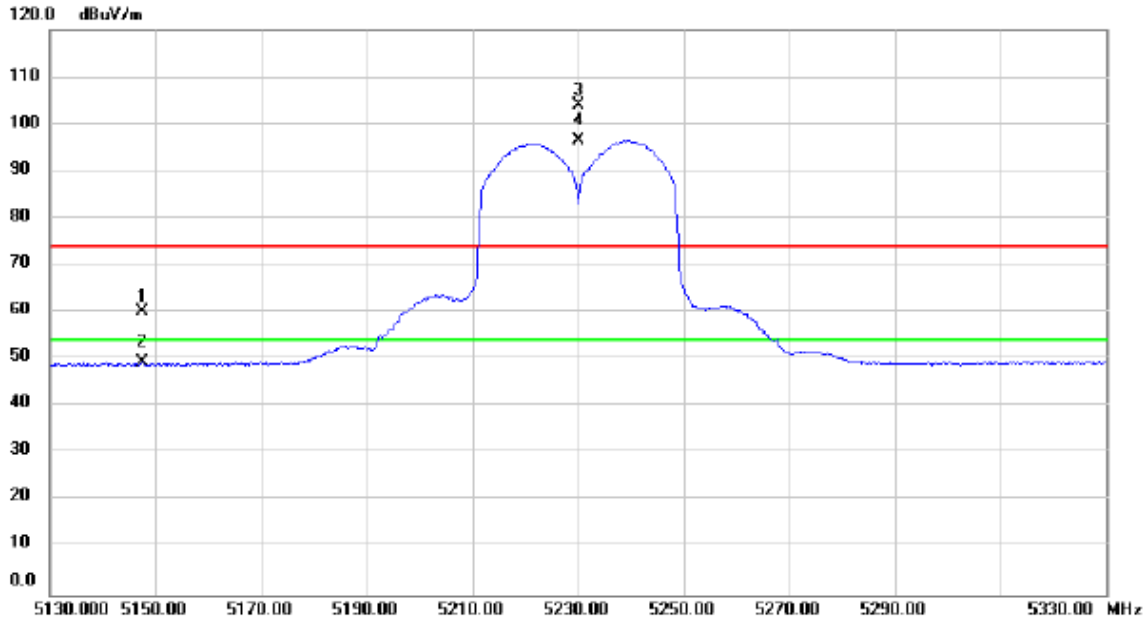
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	52.33	3.22	55.55	68.20	-12.65	peak	

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

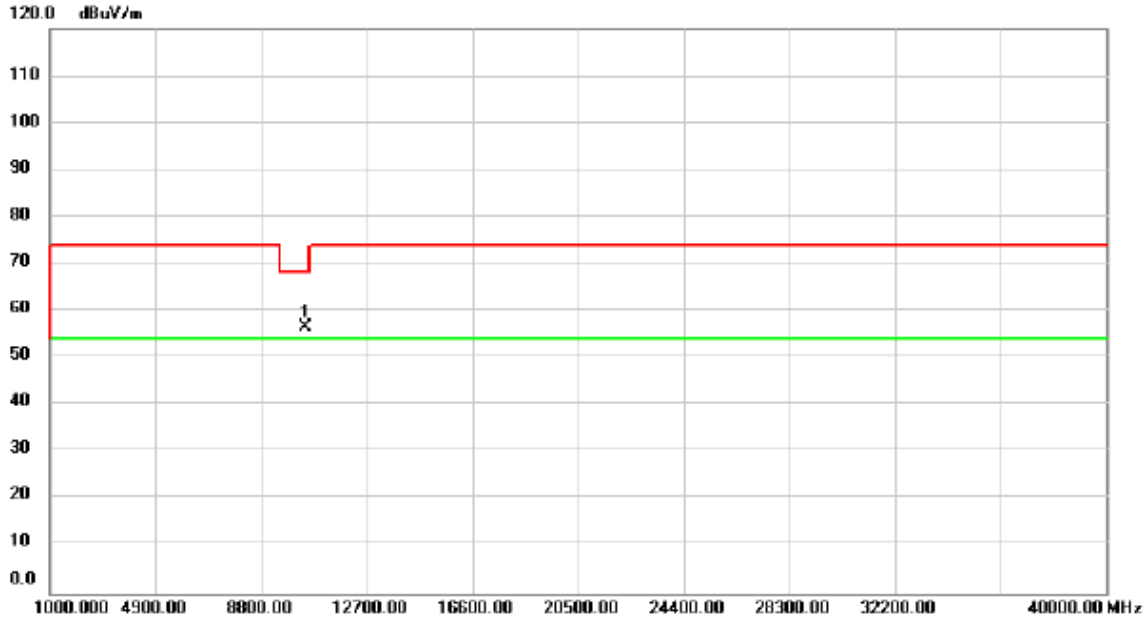
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.400	21.65	38.45	60.10	74.00	-13.90	peak	
2		5147.400	10.86	38.45	49.31	54.00	-4.69	AVG	
3	X	5230.000	65.50	38.54	104.04	74.00	30.04	peak	No Limit
4	*	5230.000	57.82	38.54	96.36	54.00	42.36	AVG	No Limit

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

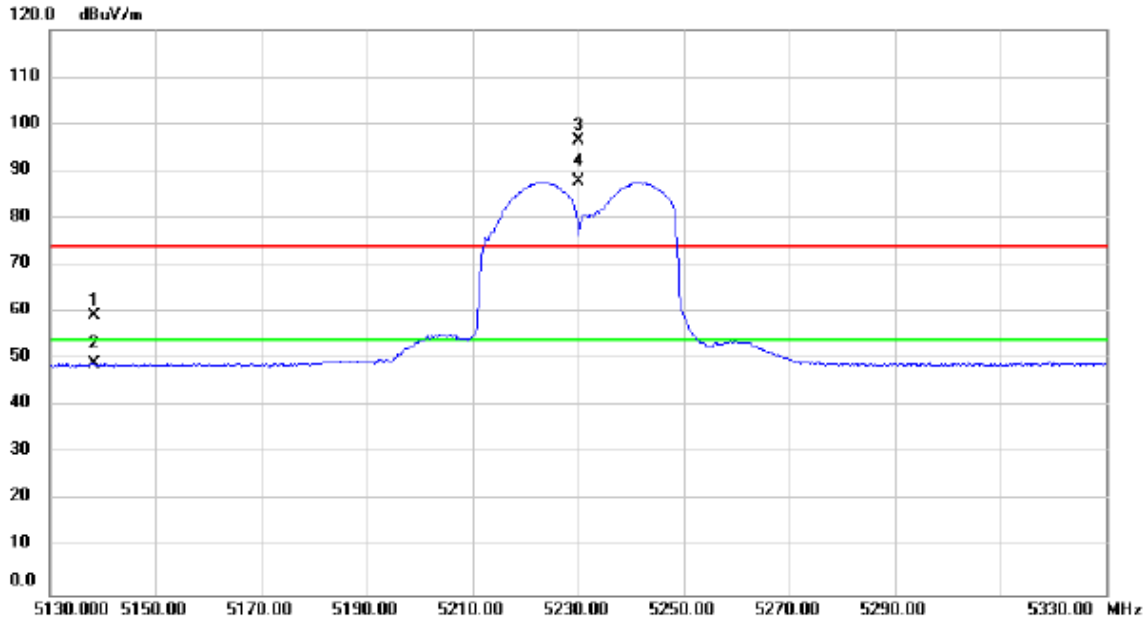
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.000	53.34	3.21	56.55	68.20	-11.65	peak	

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

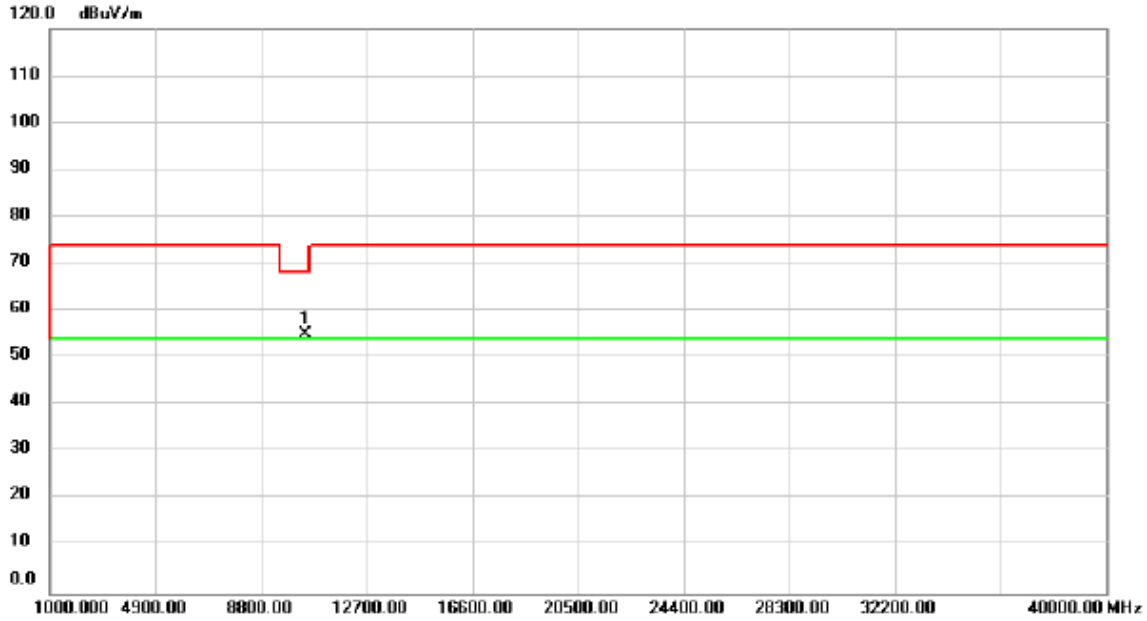
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5138.400	20.89	38.44	59.33	74.00	-14.67	peak	
2		5138.400	10.72	38.44	49.16	54.00	-4.84	AVG	
3	X	5230.000	57.88	38.54	96.42	74.00	22.42	peak	No Limit
4	*	5230.000	49.23	38.54	87.77	54.00	33.77	AVG	No Limit

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

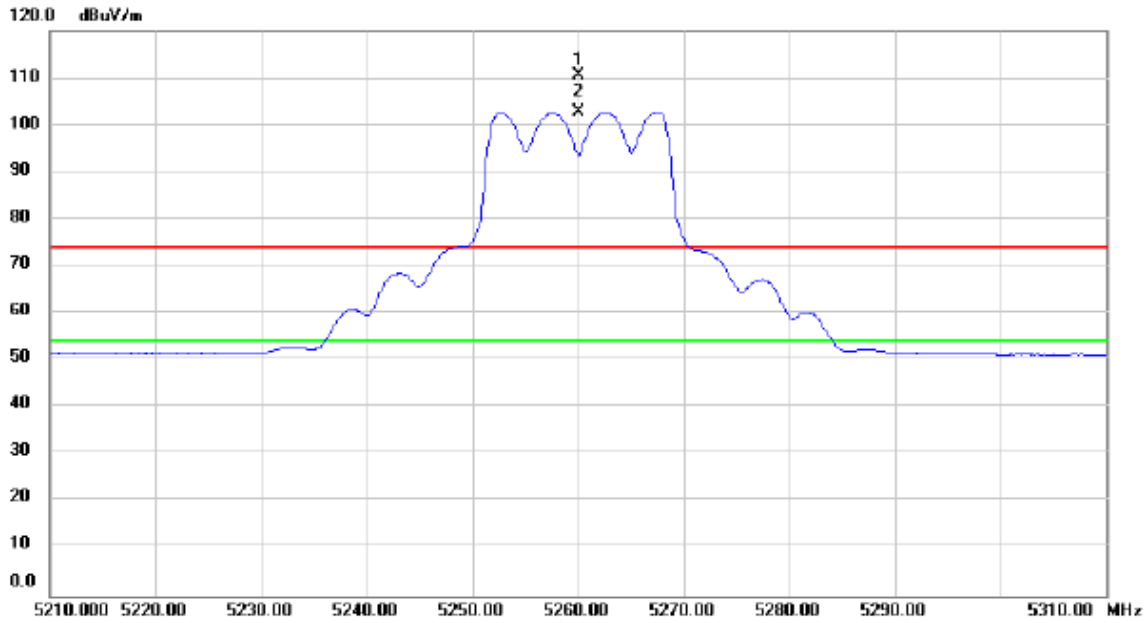
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10458.950	51.81	3.21	55.02	68.20	-13.18	peak	

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

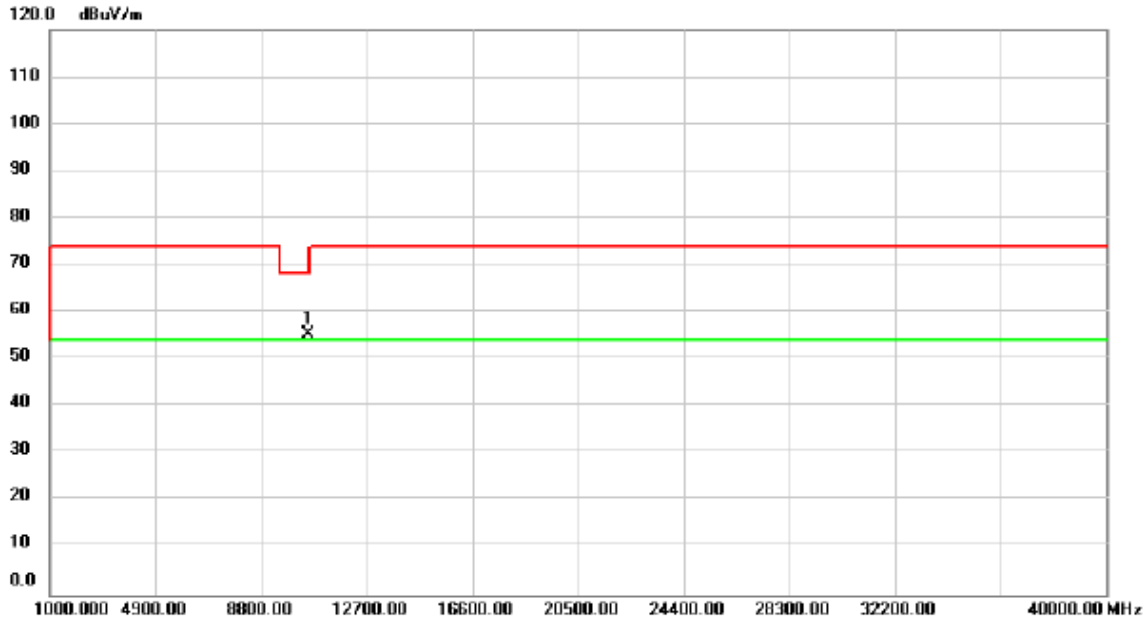
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	72.06	38.58	110.64	74.00	36.64	peak	No Limit
2	*	5260.000	64.22	38.58	102.80	54.00	48.80	AVG	No Limit

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

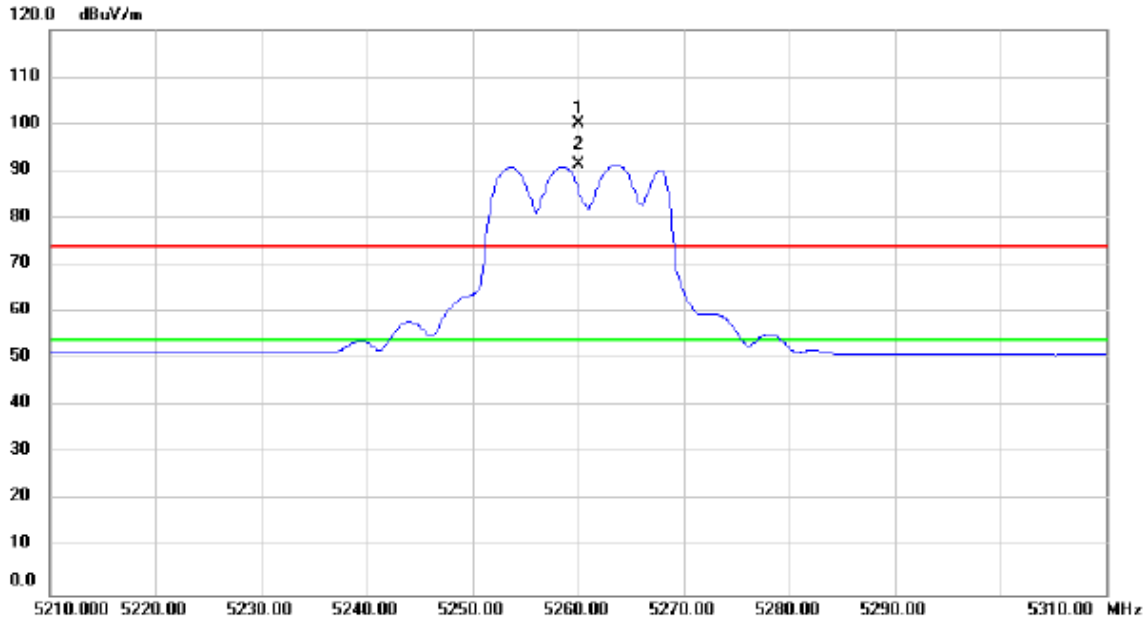
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	52.12	3.25	55.37	68.20	-12.83	peak	

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

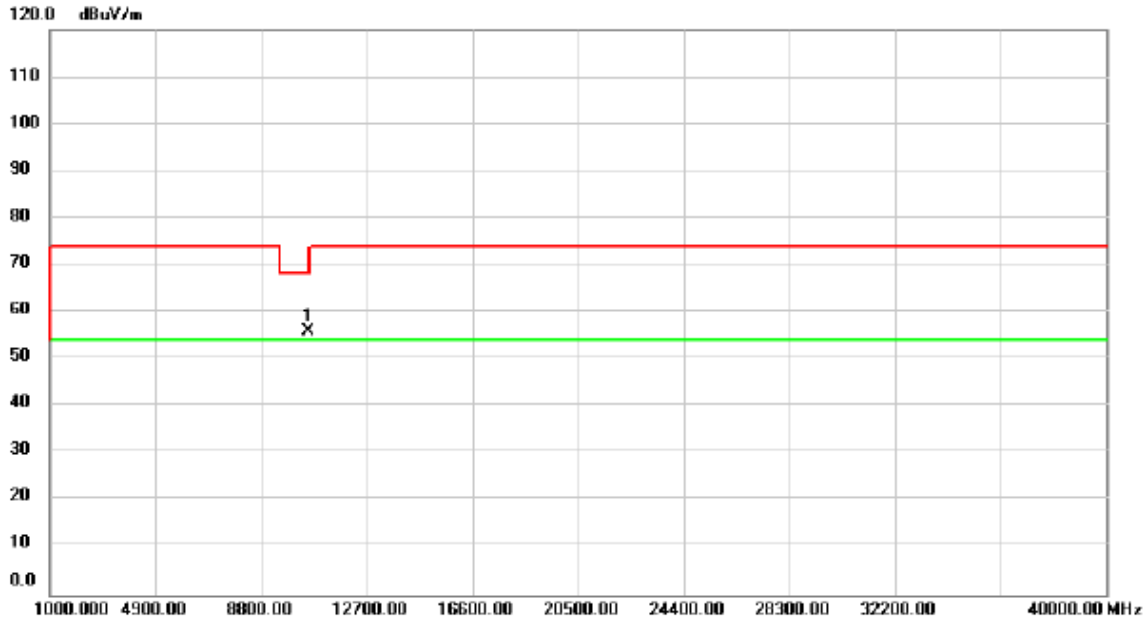
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	61.40	38.58	99.98	74.00	25.98	peak	No Limit
2	*	5260.000	52.77	38.58	91.35	54.00	37.35	AVG	No Limit

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

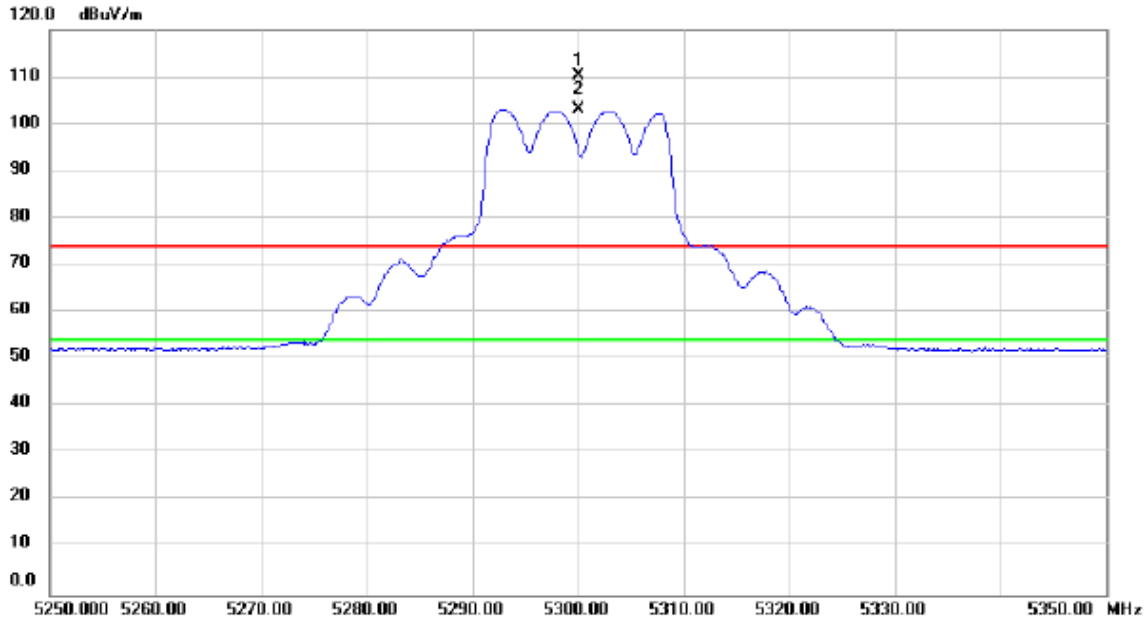
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	52.59	3.25	55.84	68.20	-12.36	peak	

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

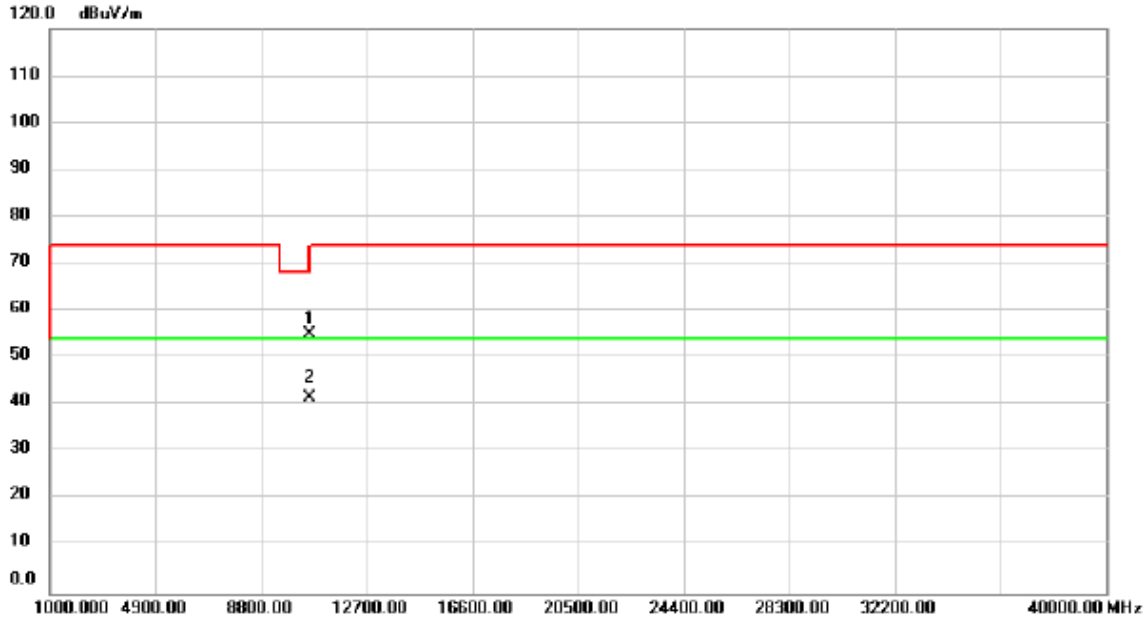
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	71.58	38.63	110.21	74.00	36.21	peak	No Limit
2	*	5300.000	64.53	38.63	103.16	54.00	49.16	AVG	No Limit

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

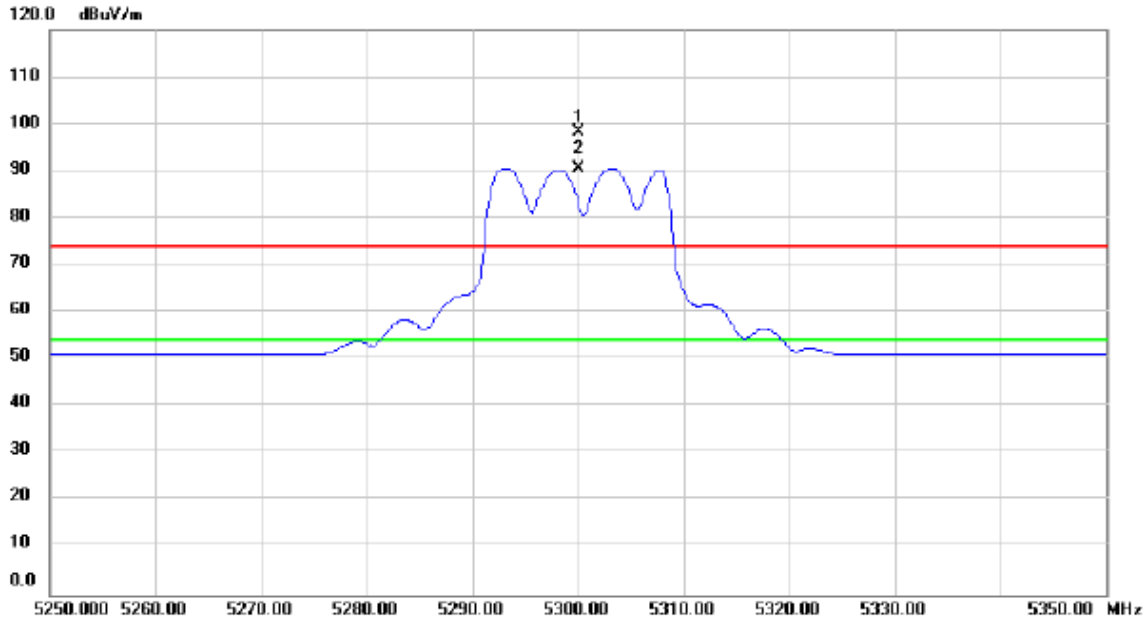
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.10	51.61	3.42	55.03	74.00	-18.97	peak	
2	*	10600.10	38.19	3.42	41.61	54.00	-12.39	AVG	

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

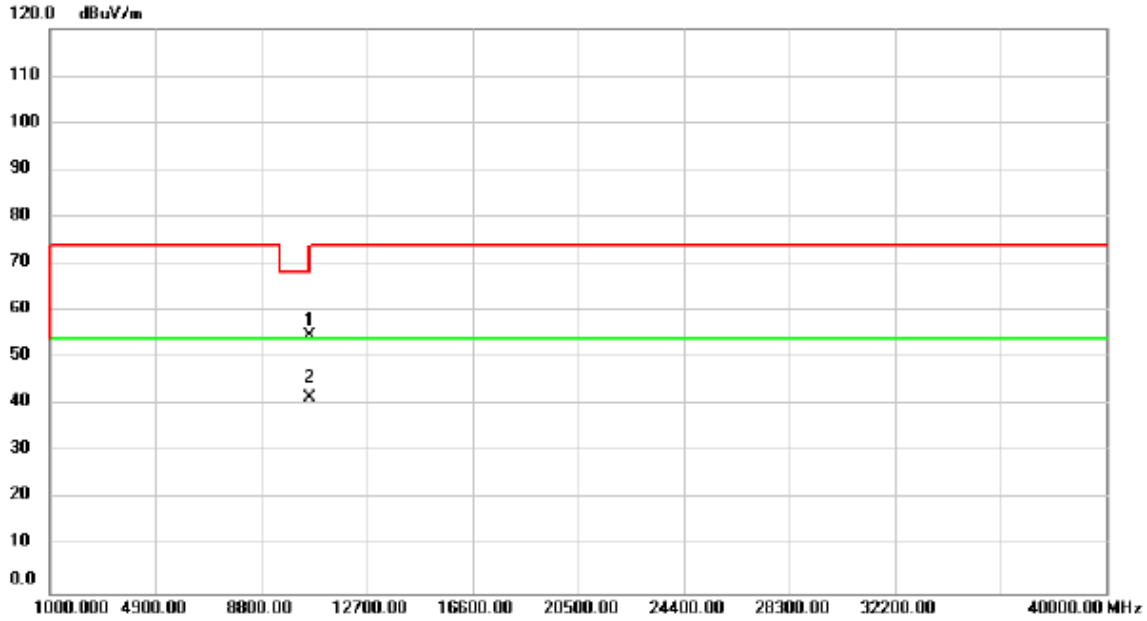
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	59.60	38.63	98.23	74.00	24.23	peak	No Limit
2	*	5300.000	51.94	38.63	90.57	54.00	36.57	AVG	No Limit

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

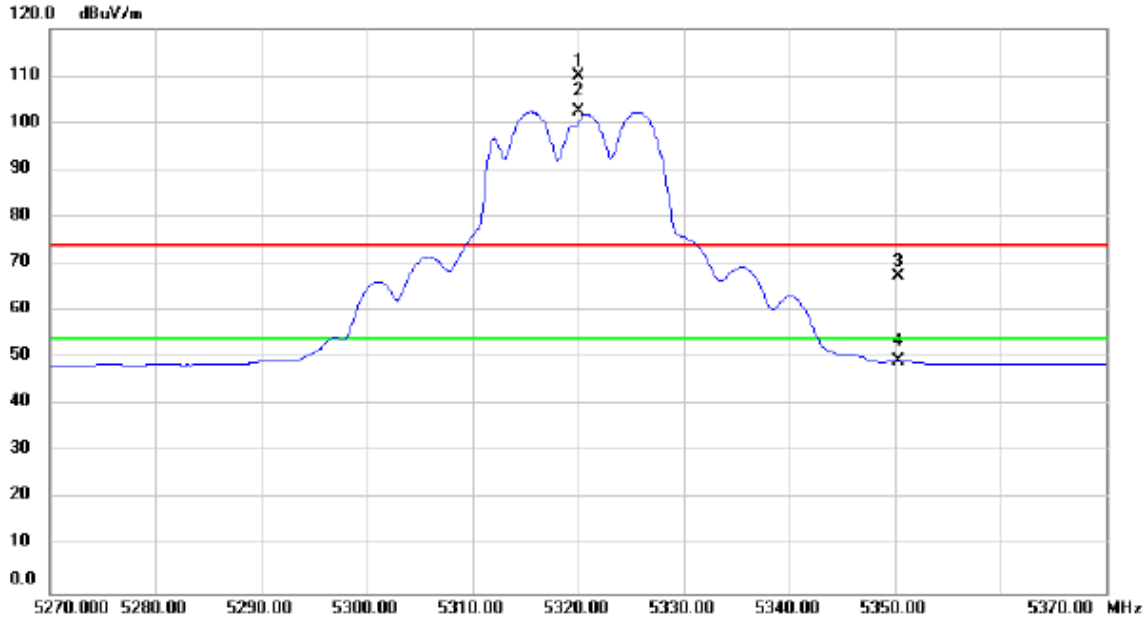
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.10	51.48	3.42	54.90	74.00	-19.10	peak	
2	*	10600.10	38.20	3.42	41.62	54.00	-12.38	AVG	

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

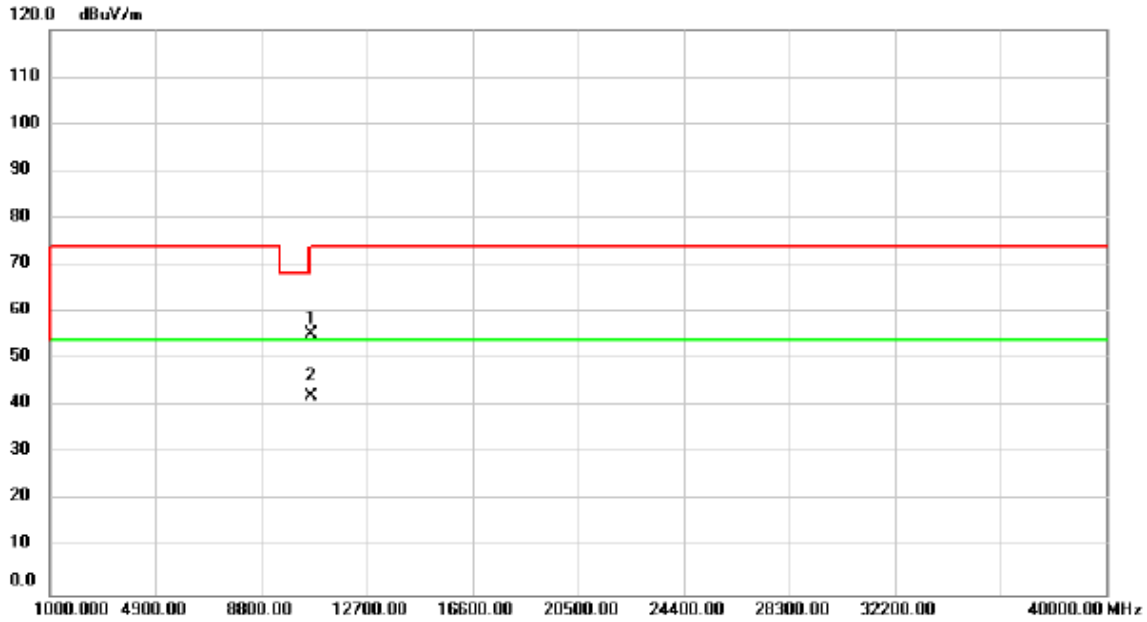
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	71.18	38.66	109.84	74.00	35.84	peak	No Limit
2	*	5320.000	63.65	38.66	102.31	54.00	48.31	AVG	No Limit
3		5350.400	28.62	38.69	67.31	74.00	-6.69	peak	
4		5350.400	10.70	38.69	49.39	54.00	-4.61	AVG	

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

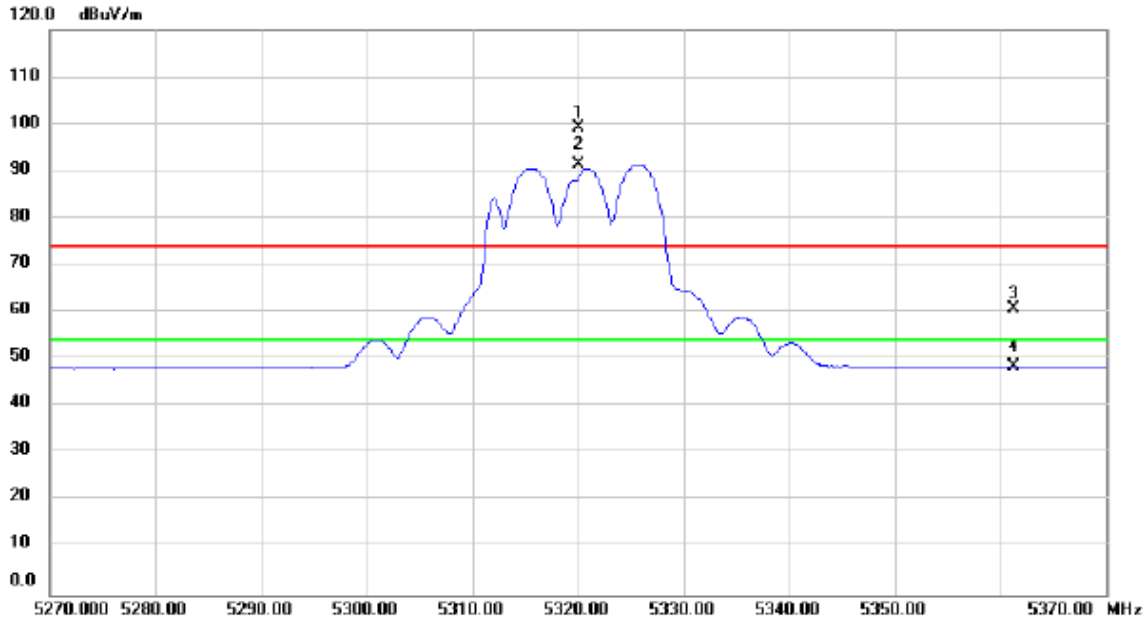
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	51.69	3.51	55.20	74.00	-18.80	peak	
2	*	10640.00	38.61	3.51	42.12	54.00	-11.88	AVG	

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

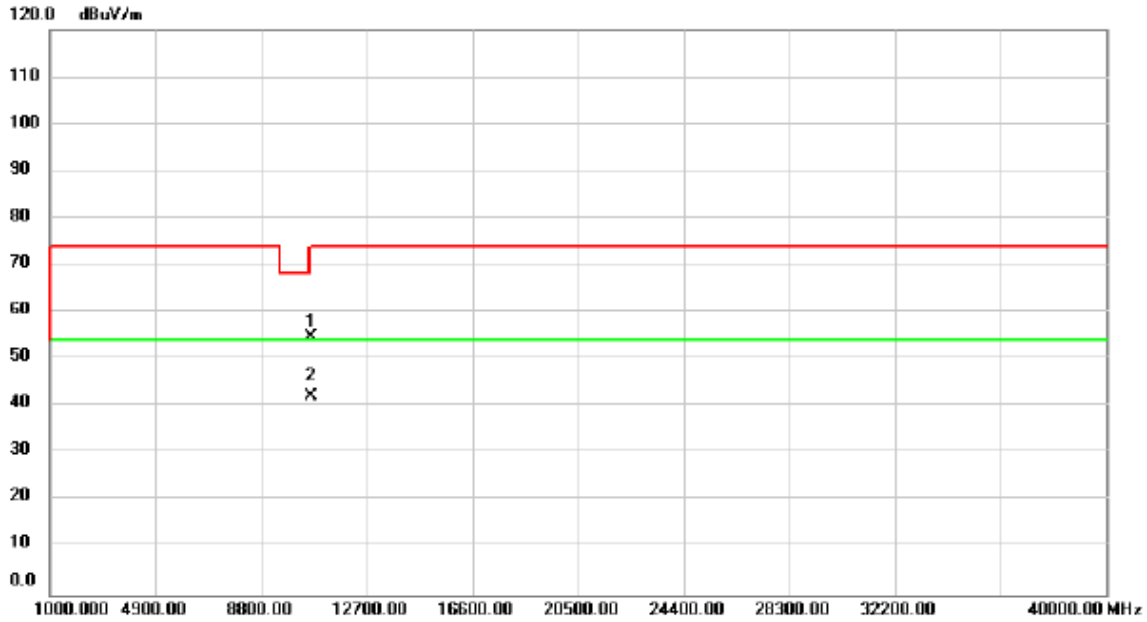
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	60.51	38.66	99.17	74.00	25.17	peak	No Limit
2	*	5320.000	52.69	38.66	91.35	54.00	37.35	AVG	No Limit
3		5361.300	22.11	38.70	60.81	74.00	-13.19	peak	
4		5361.300	9.83	38.70	48.53	54.00	-5.47	AVG	

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

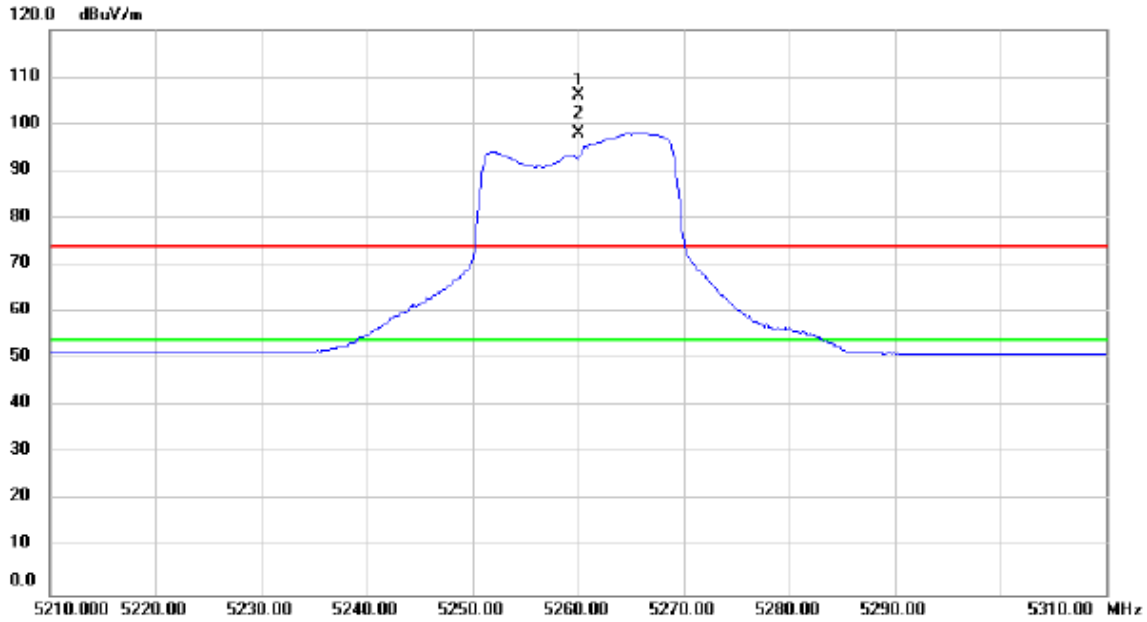
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	51.25	3.51	54.76	74.00	-19.24	peak	
2	*	10640.00	38.61	3.51	42.12	54.00	-11.88	AVG	

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

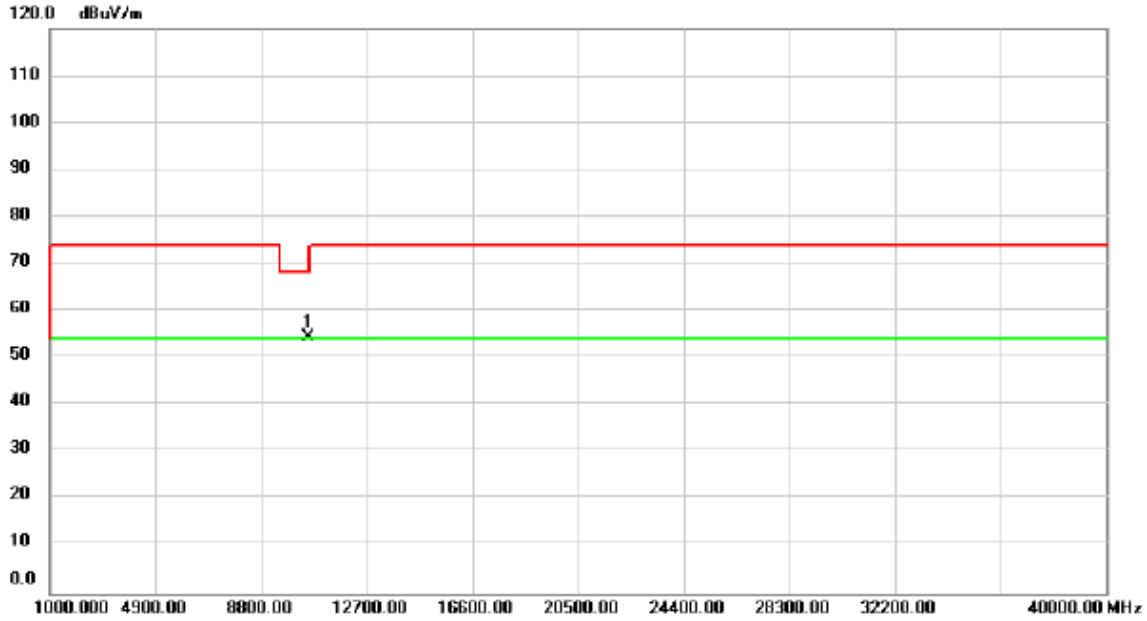
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	67.60	38.58	106.18	74.00	32.18	peak	No Limit
2	*	5260.000	59.43	38.58	98.01	54.00	44.01	AVG	No Limit

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

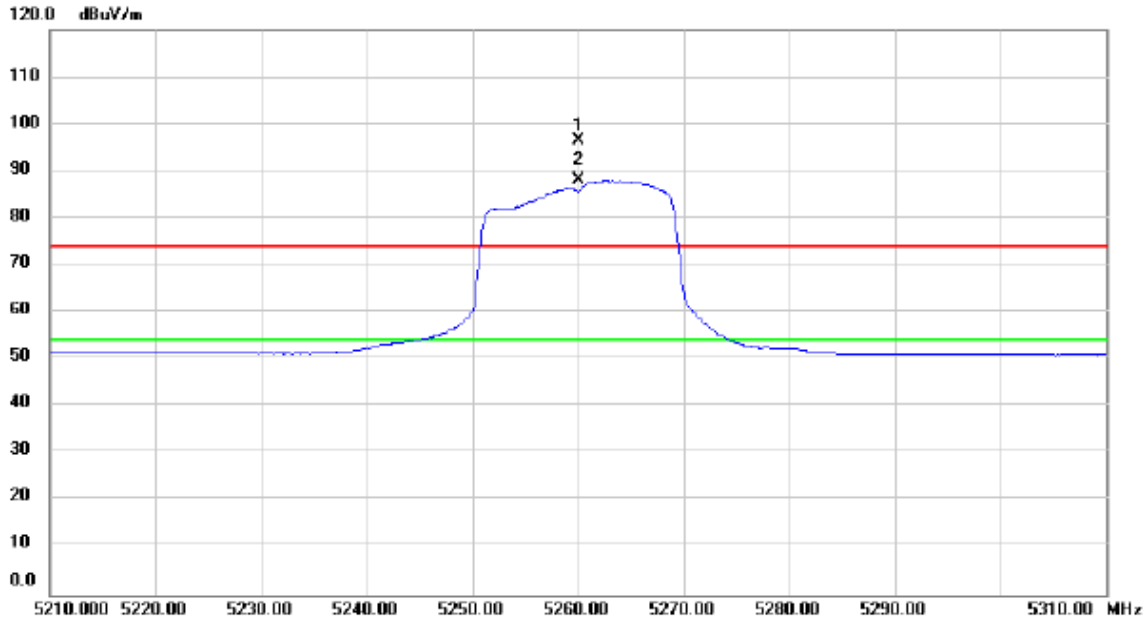
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	51.35	3.25	54.60	68.20	-13.60	peak	

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

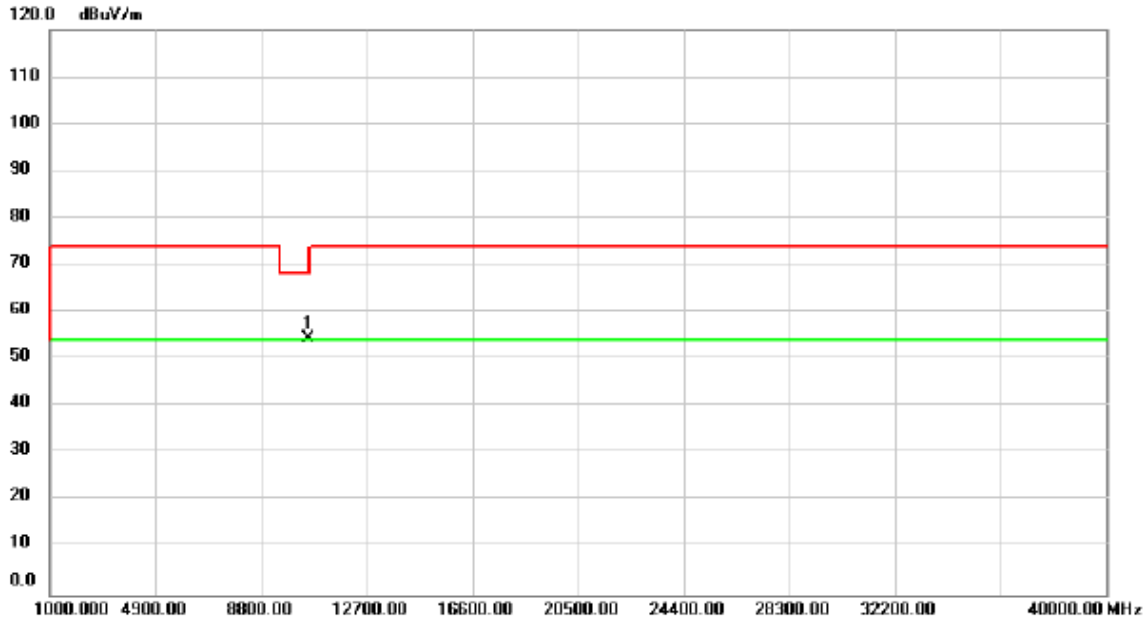
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5260.000	57.92	38.58	96.50	74.00	22.50	peak	No Limit
2	*	5260.000	49.47	38.58	88.05	54.00	34.05	AVG	No Limit

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

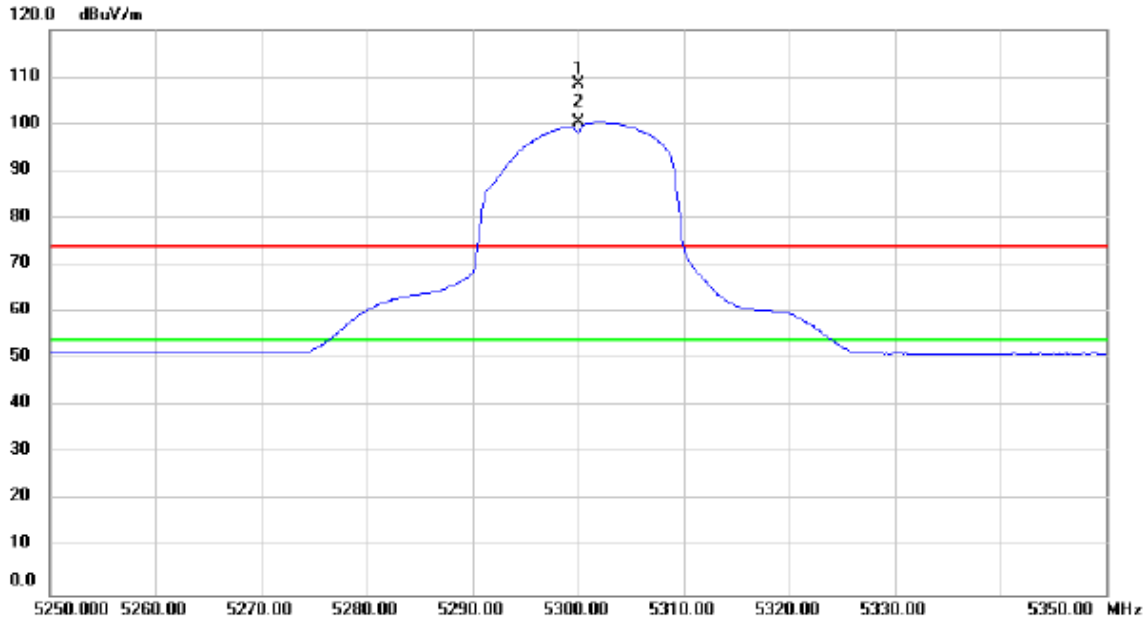
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	51.18	3.25	54.43	68.20	-13.77	peak	

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

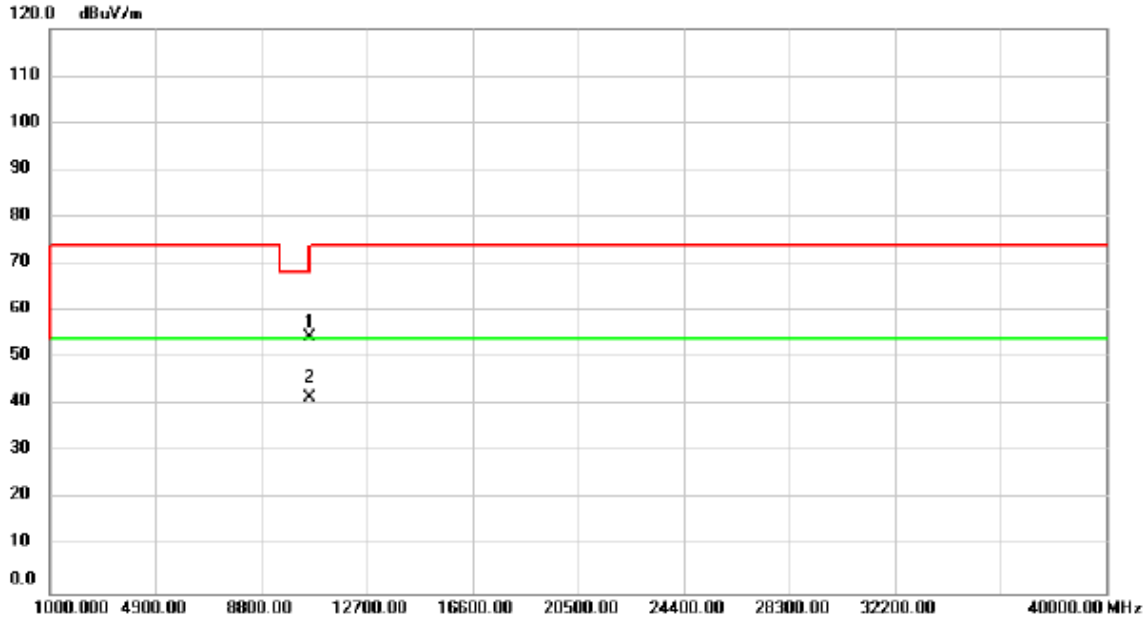
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	69.71	38.63	108.34	74.00	34.34	peak	No Limit
2	*	5300.000	61.62	38.63	100.25	54.00	46.25	AVG	No Limit

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

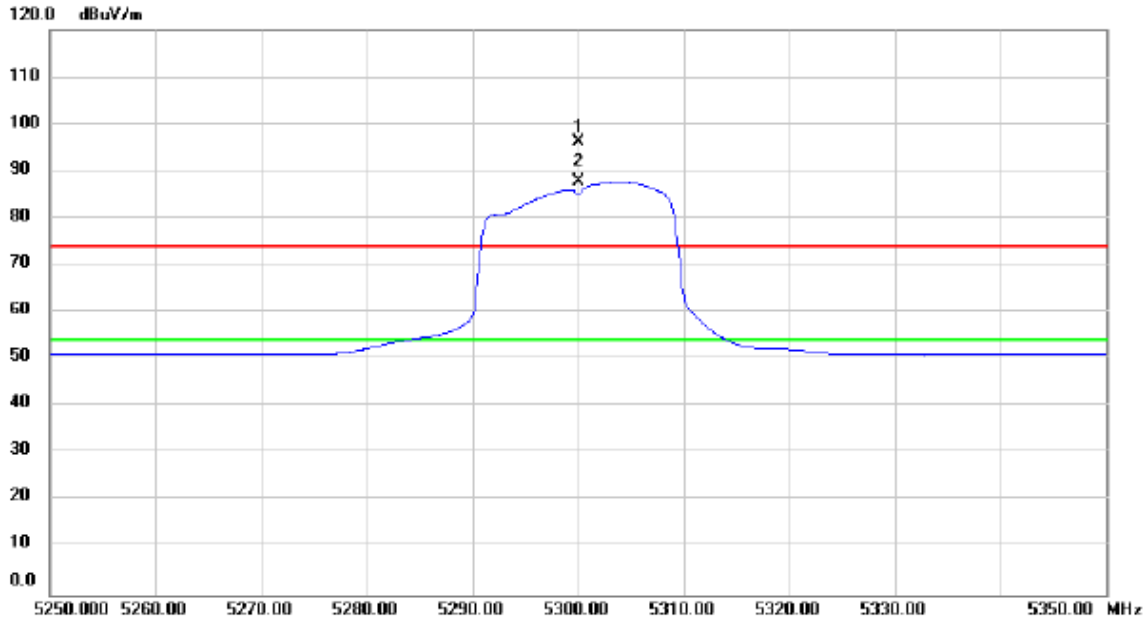
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.10	50.94	3.42	54.36	74.00	-19.64	peak	
2	*	10600.10	38.22	3.42	41.64	54.00	-12.36	AVG	

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

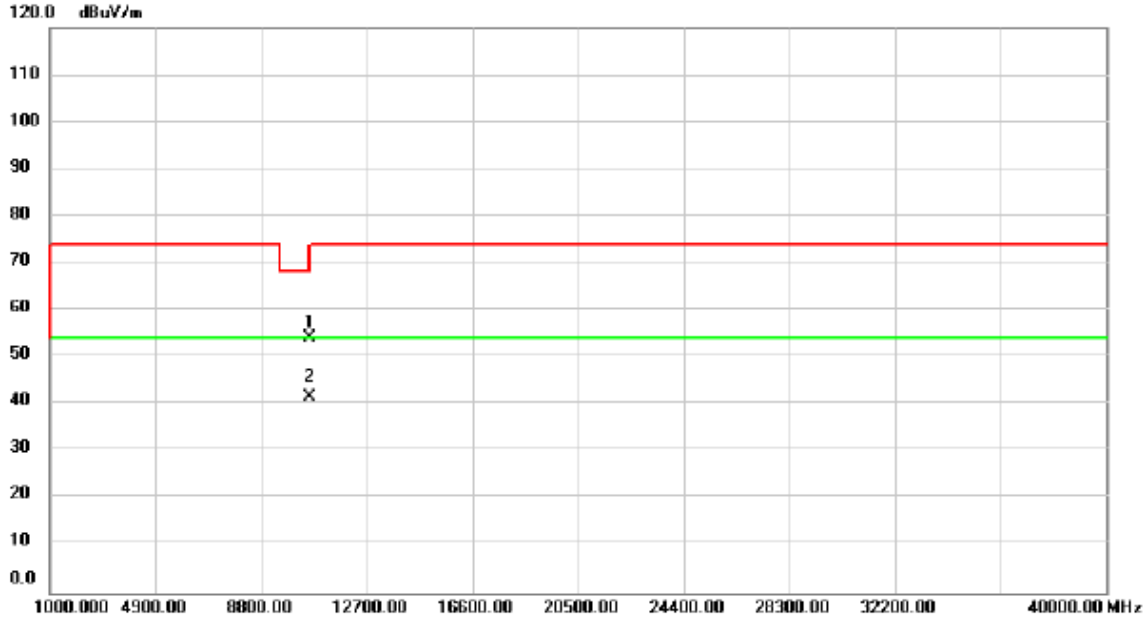
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5300.000	57.50	38.63	96.13	74.00	22.13	peak	No Limit
2	*	5300.000	49.06	38.63	87.69	54.00	33.69	AVG	No Limit

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

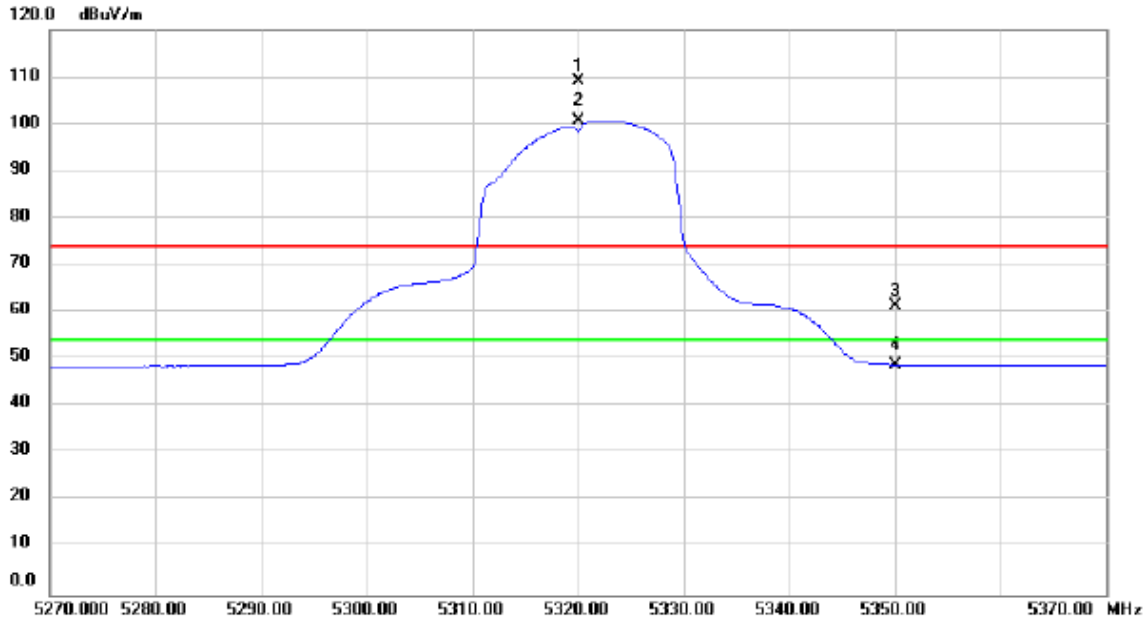
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.10 0	50.64	3.42	54.06	74.00	-19.94	peak	
2	*	10600.10 0	38.18	3.42	41.60	54.00	-12.40	AVG	

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

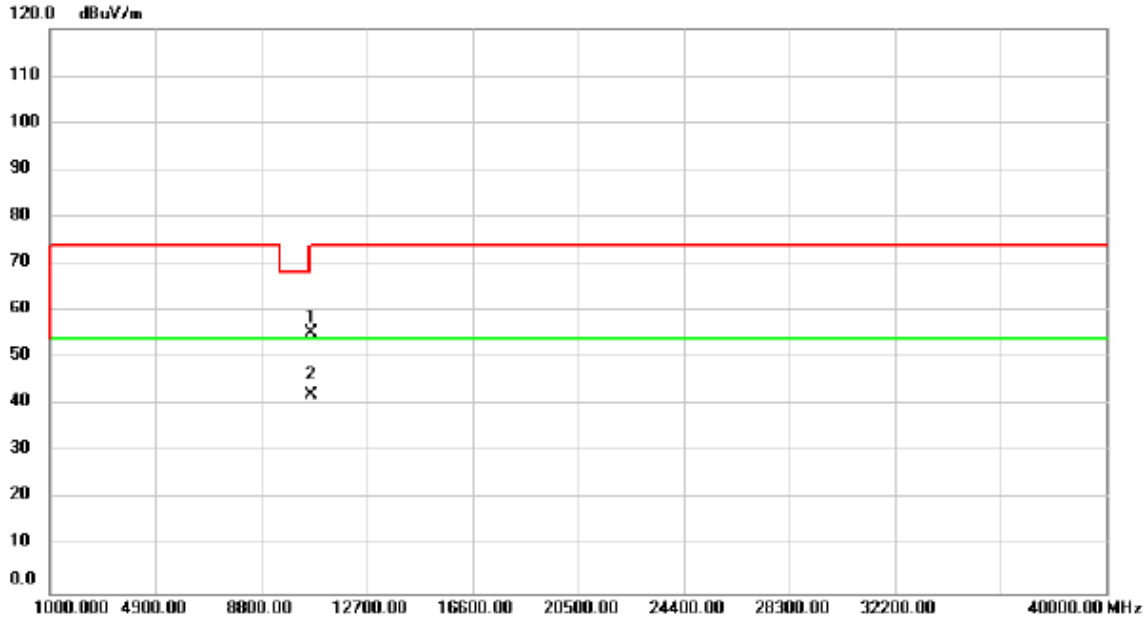
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	70.31	38.66	108.97	74.00	34.97	peak	No Limit
2	*	5320.000	61.90	38.66	100.56	54.00	46.56	AVG	No Limit
3		5350.000	22.79	38.69	61.48	74.00	-12.52	peak	
4		5350.000	10.18	38.69	48.87	54.00	-5.13	AVG	

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

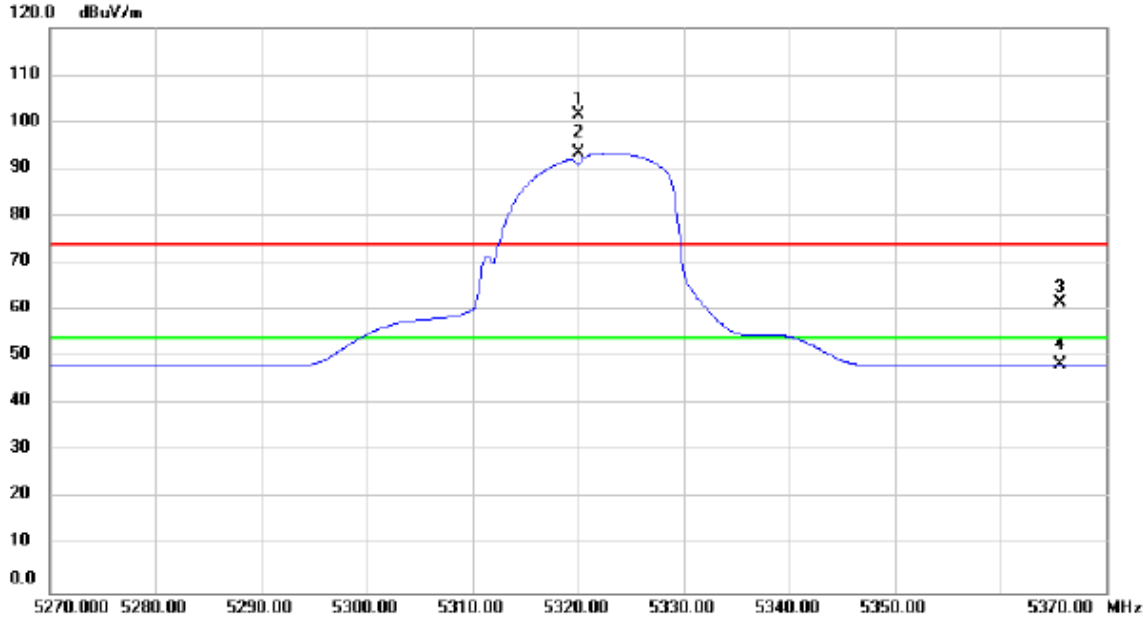
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	51.70	3.51	55.21	74.00	-18.79	peak	
2	*	10640.00	38.64	3.51	42.15	54.00	-11.85	AVG	

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

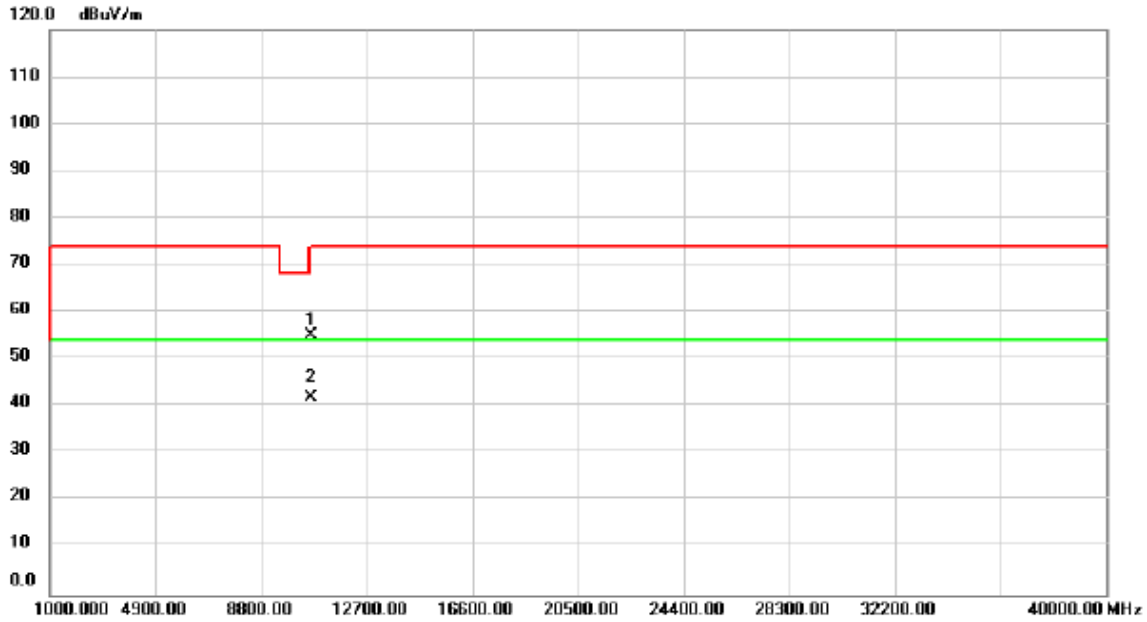
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	62.99	38.66	101.65	74.00	27.65	peak	No Limit
2	*	5320.000	54.70	38.66	93.36	54.00	39.36	AVG	No Limit
3		5365.600	22.85	38.71	61.56	74.00	-12.44	peak	
4		5365.600	9.81	38.71	48.52	54.00	-5.48	AVG	

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

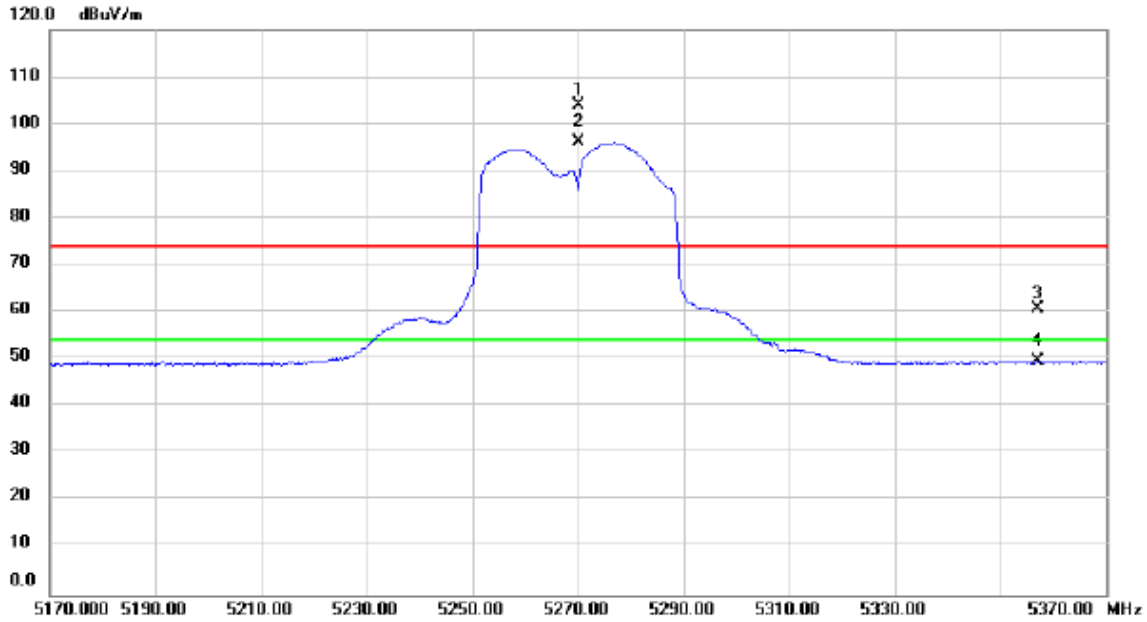
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	51.57	3.51	55.08	74.00	-18.92	peak	
2	*	10640.00	38.39	3.51	41.90	54.00	-12.10	AVG	

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

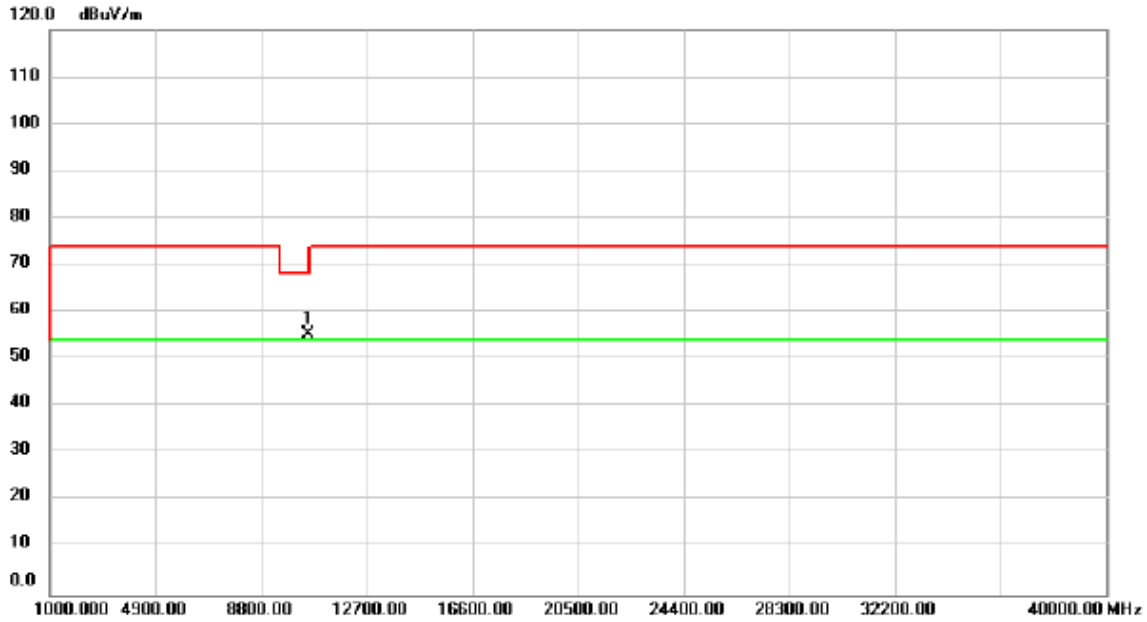
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5270.000	65.44	38.60	104.04	74.00	30.04	peak	No Limit
2	*	5270.000	57.42	38.60	96.02	54.00	42.02	AVG	No Limit
3		5357.200	21.93	38.70	60.63	74.00	-13.37	peak	
4		5357.200	10.82	38.70	49.52	54.00	-4.48	AVG	

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

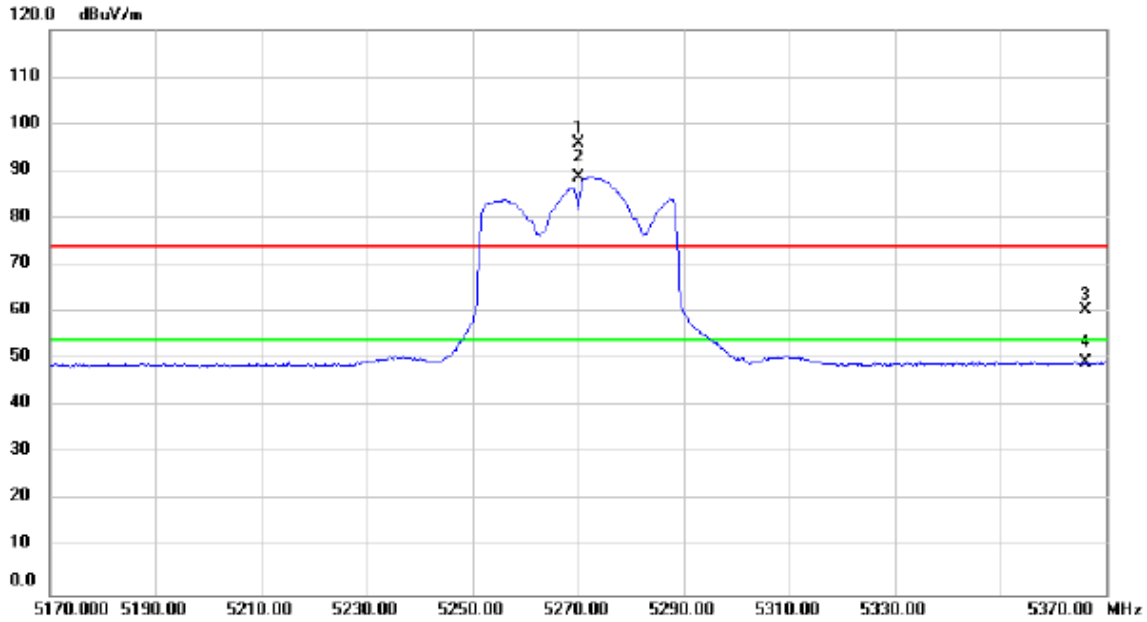
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10540.00	52.02	3.29	55.31	68.20	-12.89	peak	

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

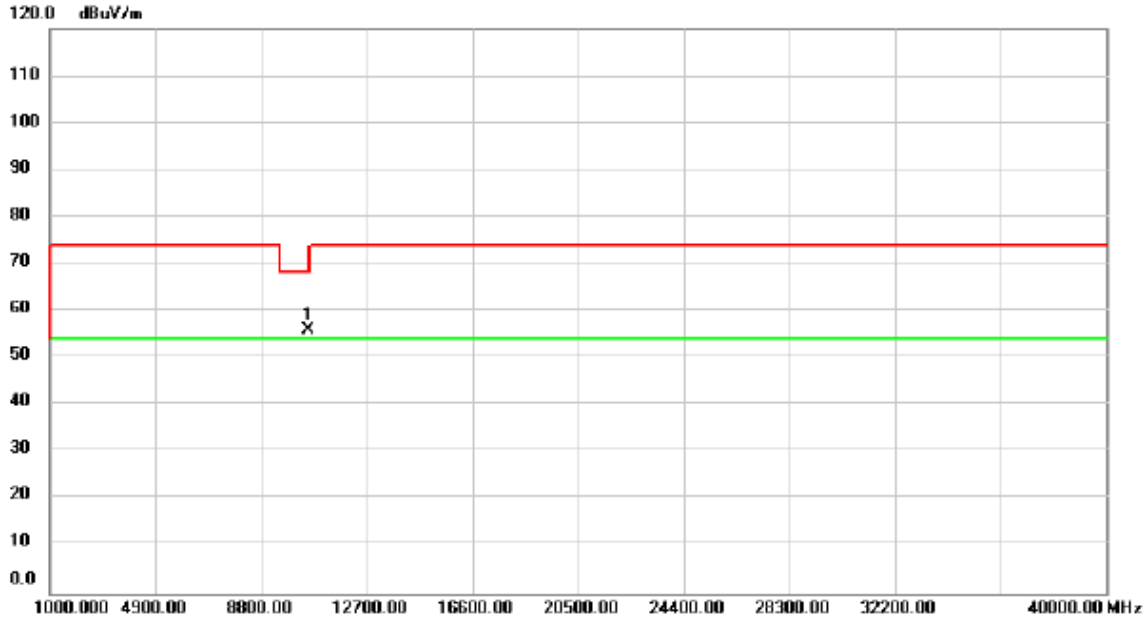
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5270.000	57.27	38.60	95.87	74.00	21.87	peak	No Limit
2	*	5270.000	49.99	38.60	88.59	54.00	34.59	AVG	No Limit
3		5366.000	21.77	38.71	60.48	74.00	-13.52	peak	
4		5366.000	10.60	38.71	49.31	54.00	-4.69	AVG	

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

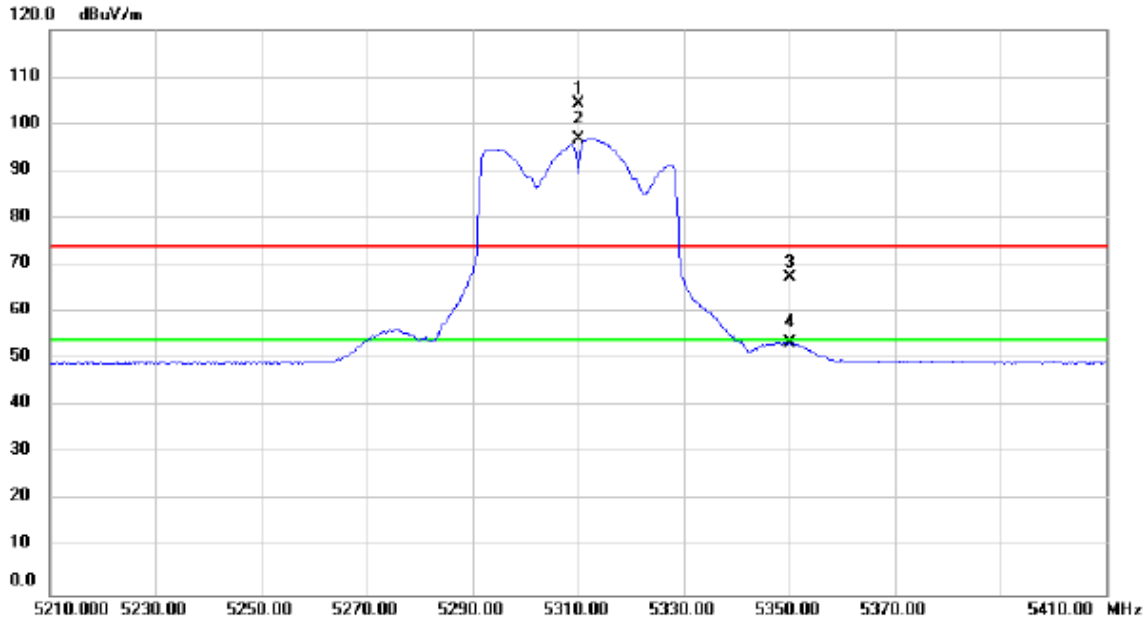
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10540.000	52.66	3.29	55.95	68.20	-12.25	peak	

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

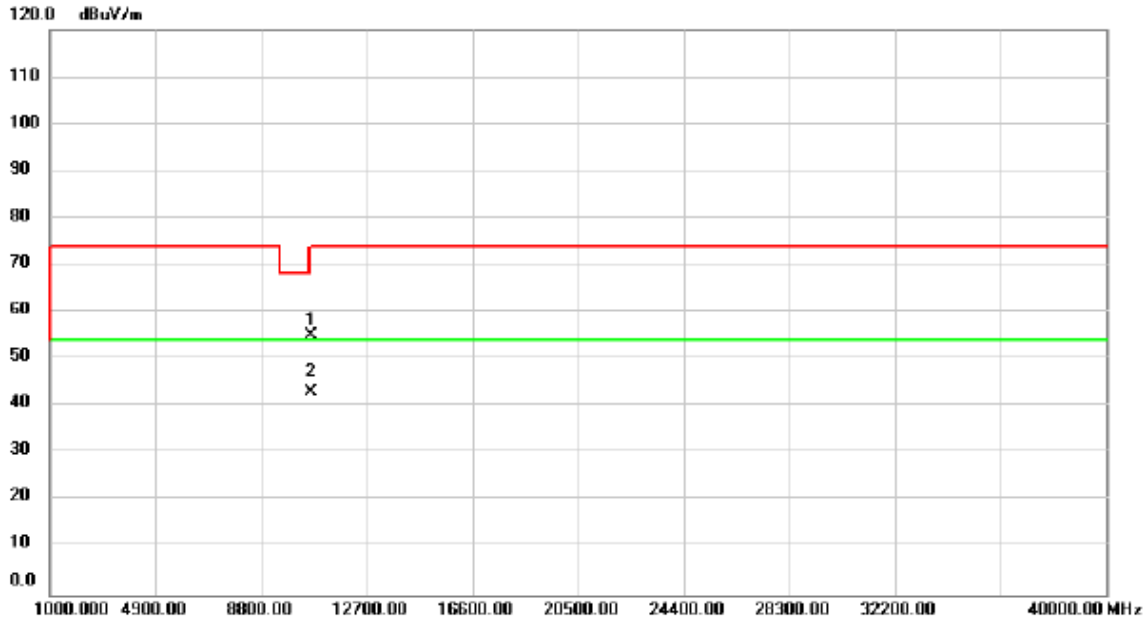
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5310.000	65.52	38.64	104.16	74.00	30.16	peak	No Limit
2	*	5310.000	58.17	38.64	96.81	54.00	42.81	AVG	No Limit
3		5350.000	28.69	38.69	67.38	74.00	-6.62	peak	
4		5350.000	14.80	38.69	53.49	54.00	-0.51	AVG	

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

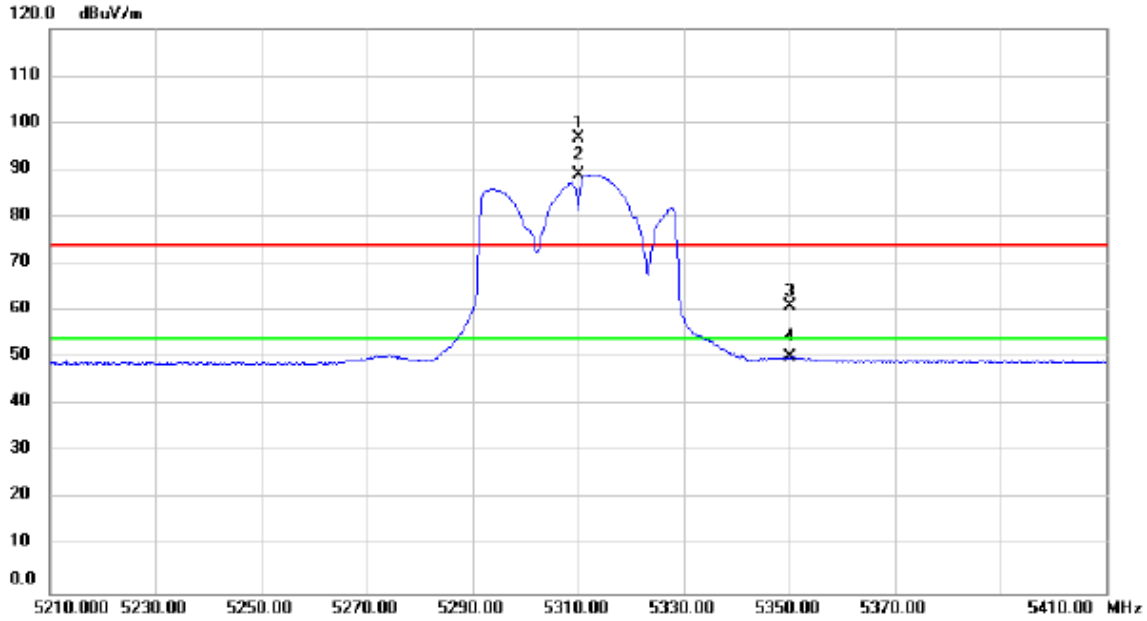
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10620.00	51.50	3.45	54.95	74.00	-19.05	peak	
2	*	10620.00	39.57	3.45	43.02	54.00	-10.98	AVG	

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

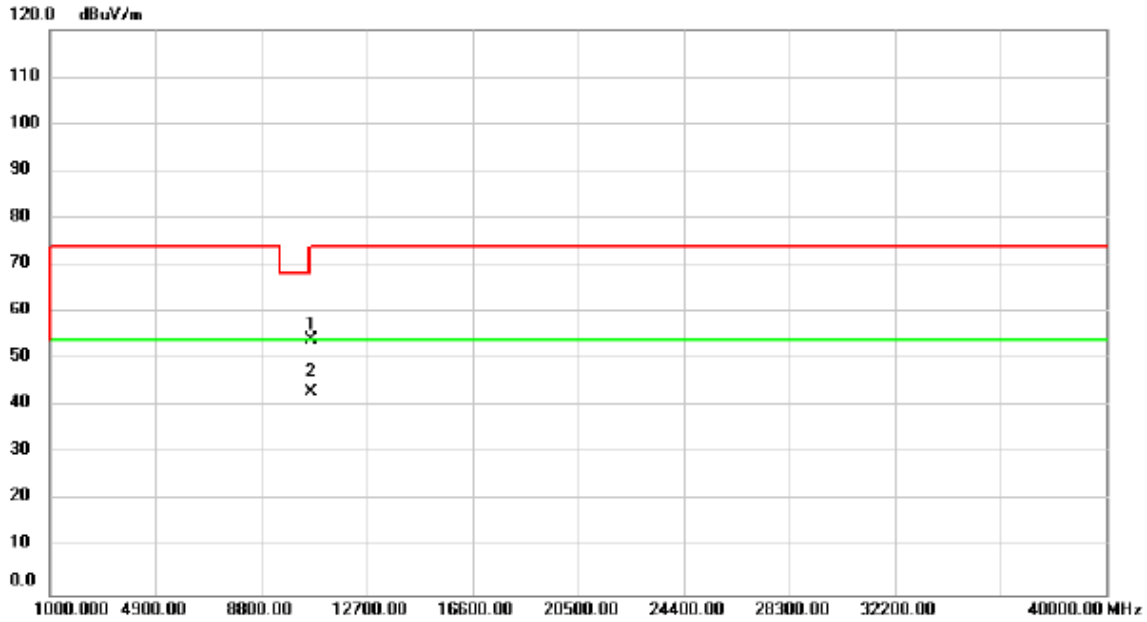
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5310.000	58.22	38.64	96.86	74.00	22.86	peak	No Limit
2	*	5310.000	50.34	38.64	88.98	54.00	34.98	AVG	No Limit
3		5350.000	22.29	38.69	60.98	74.00	-13.02	peak	
4		5350.000	11.53	38.69	50.22	54.00	-3.78	AVG	

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

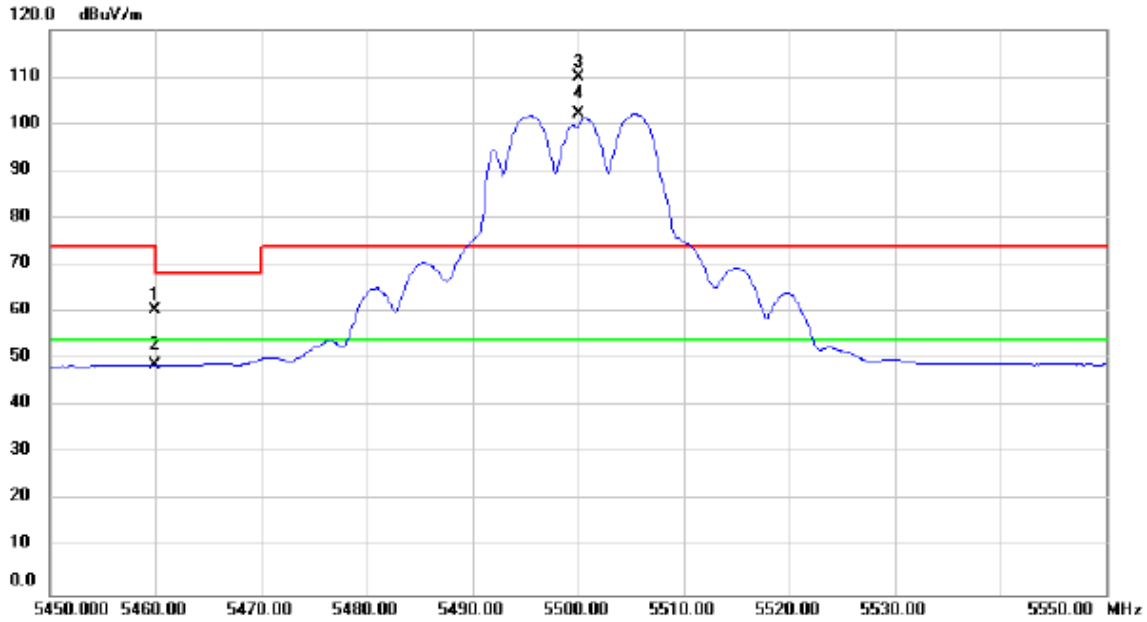
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10620.00	50.77	3.45	54.22	74.00	-19.78	peak	
2	*	10620.00	39.51	3.45	42.96	54.00	-11.04	AVG	

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

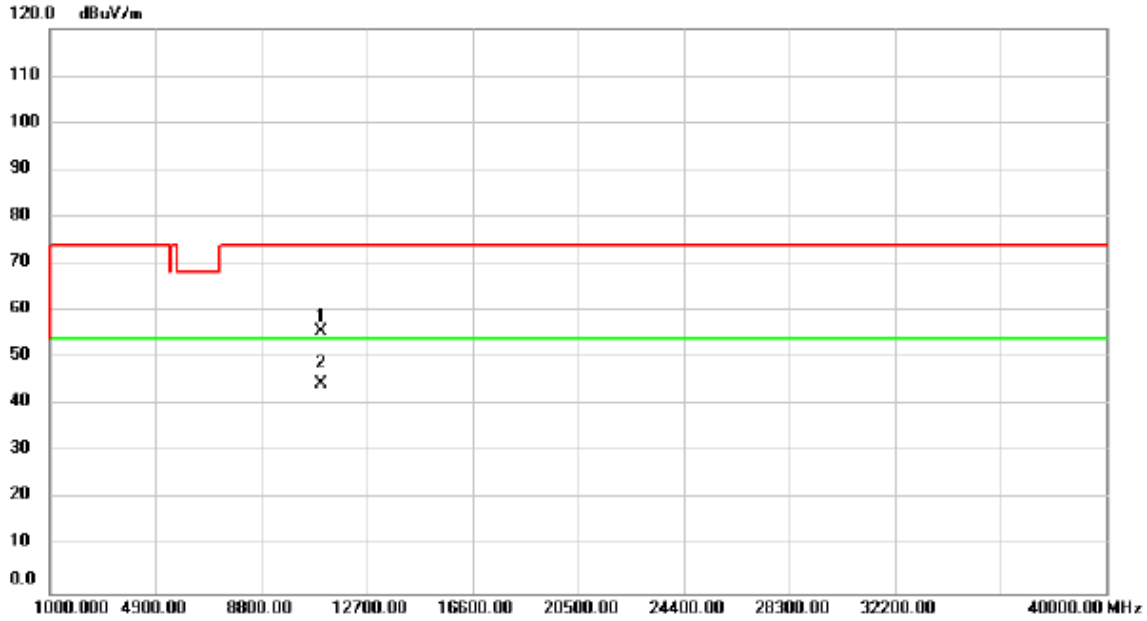
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5459.900	21.67	38.82	60.49	74.00	-13.51	peak	
2		5459.900	9.91	38.82	48.73	54.00	-5.27	AVG	
3	X	5500.000	71.02	38.87	109.89	74.00	35.89	peak	No Limit
4	*	5500.000	63.29	38.87	102.16	54.00	48.16	AVG	No Limit

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

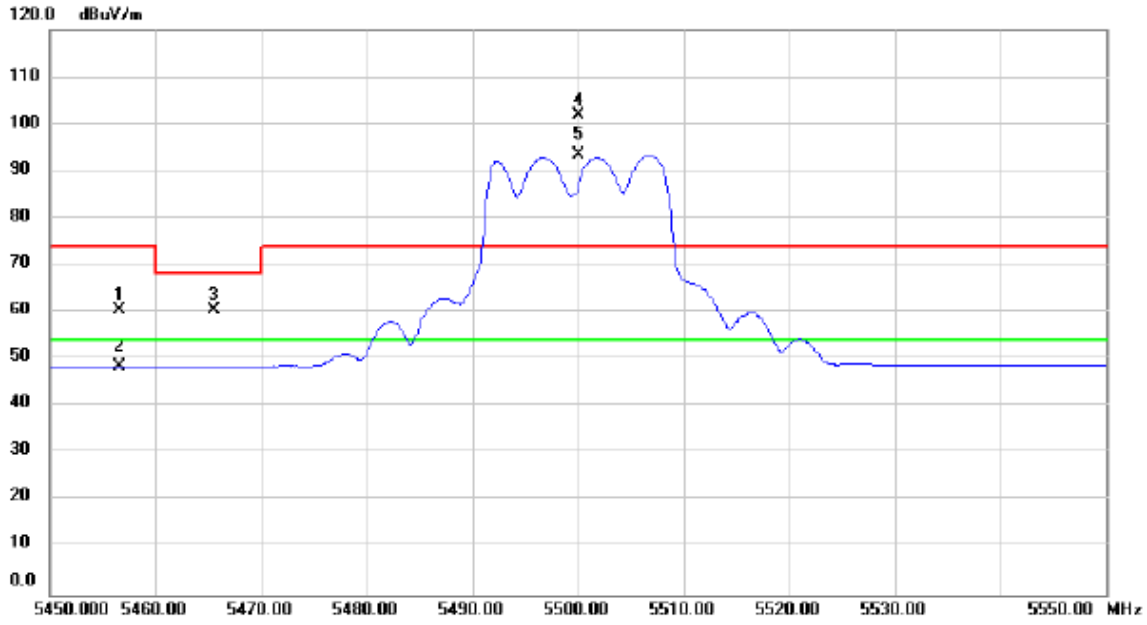
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	51.53	4.26	55.79	74.00	-18.21	peak	
2	*	11000.00	40.34	4.26	44.60	54.00	-9.40	AVG	

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

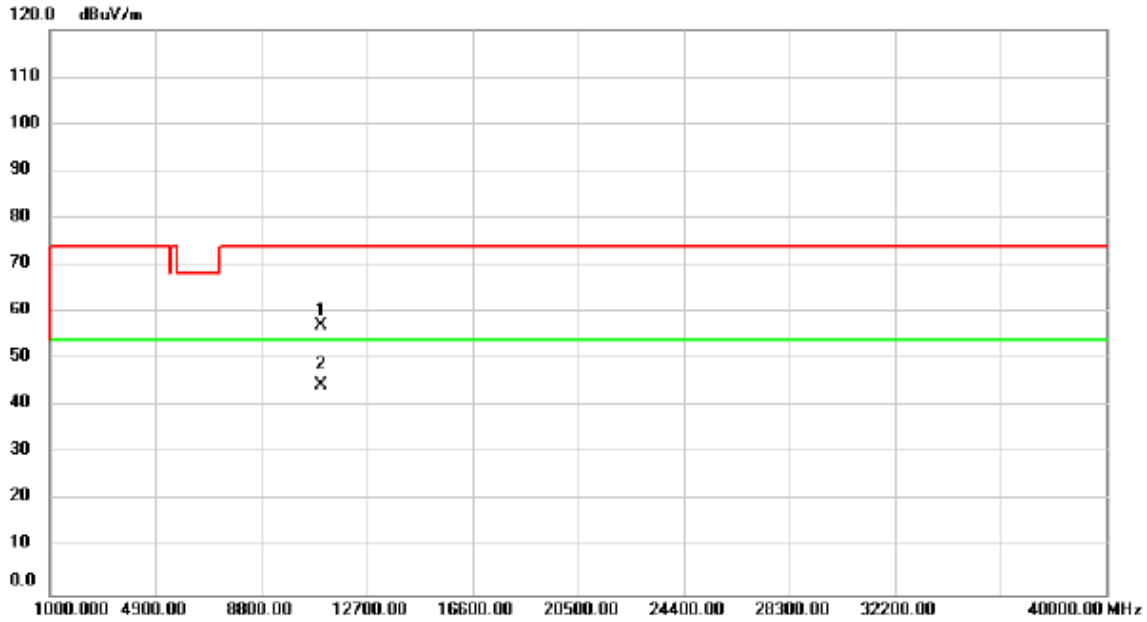
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5456.600	21.55	38.82	60.37	74.00	-13.63	peak	
2		5456.600	9.64	38.82	48.46	54.00	-5.54	AVG	
3		5465.510	21.67	38.83	60.50	68.20	-7.70	peak	
4	X	5500.000	62.88	38.87	101.75	74.00	27.75	peak	No Limit
5	*	5500.000	54.48	38.87	93.35	54.00	39.35	AVG	No Limit

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

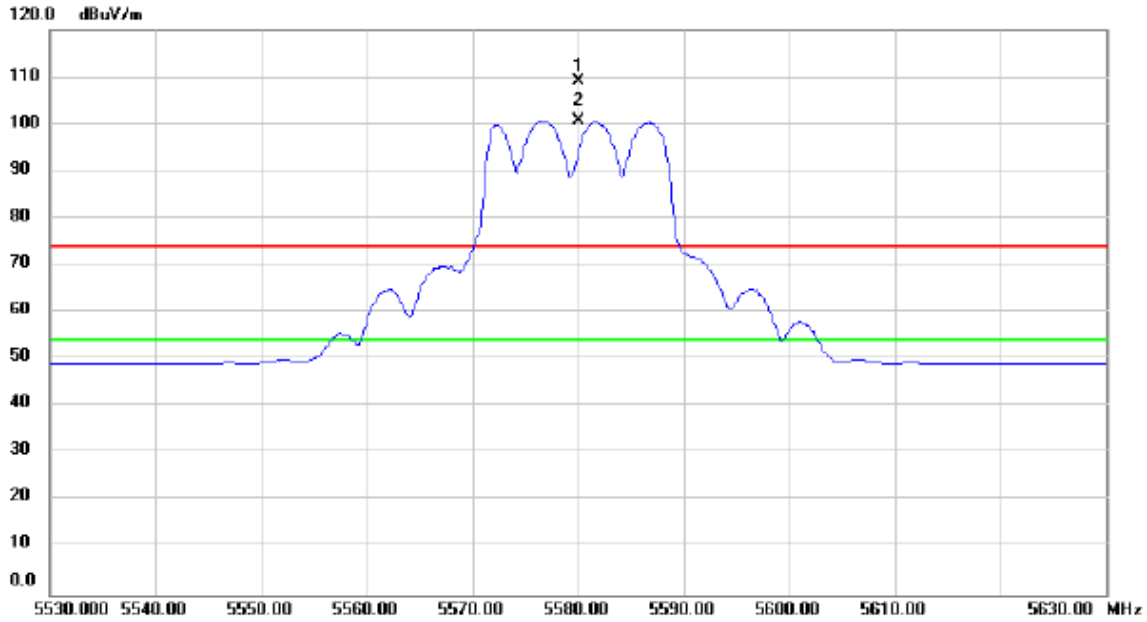
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	52.92	4.26	57.18	74.00	-16.82	peak	
2	*	11000.00	40.21	4.26	44.47	54.00	-9.53	AVG	

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

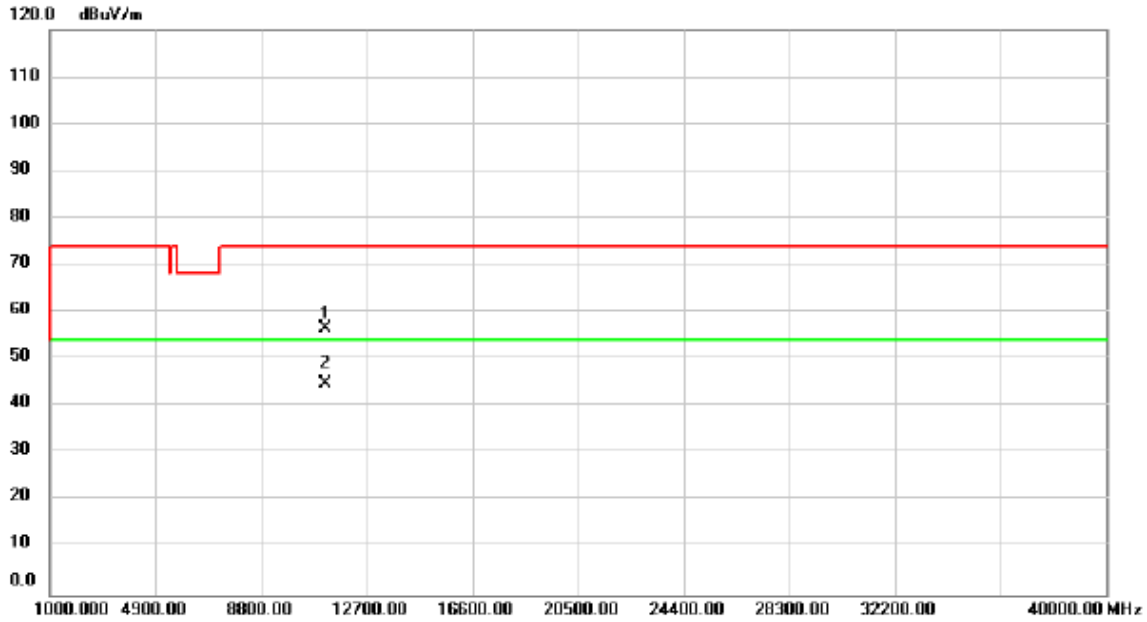
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	69.82	39.10	108.92	74.00	34.92	peak	No Limit
2	*	5580.000	61.58	39.10	100.68	54.00	46.68	AVG	No Limit

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

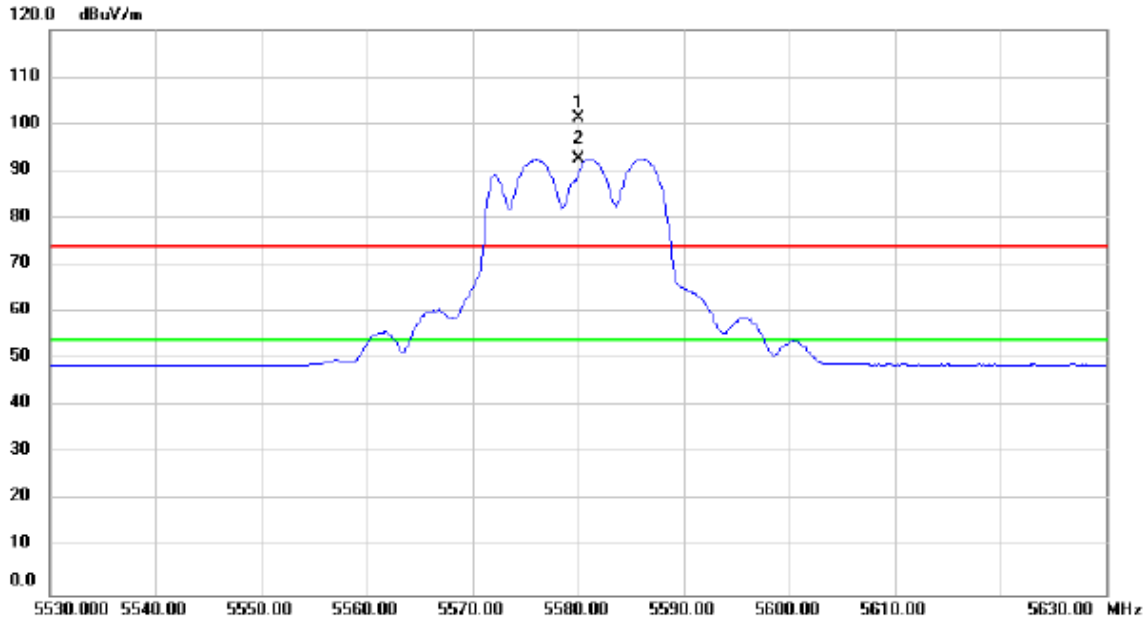
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	52.03	4.58	56.61	74.00	-17.39	peak	
2	*	11160.00	40.14	4.58	44.72	54.00	-9.28	AVG	

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

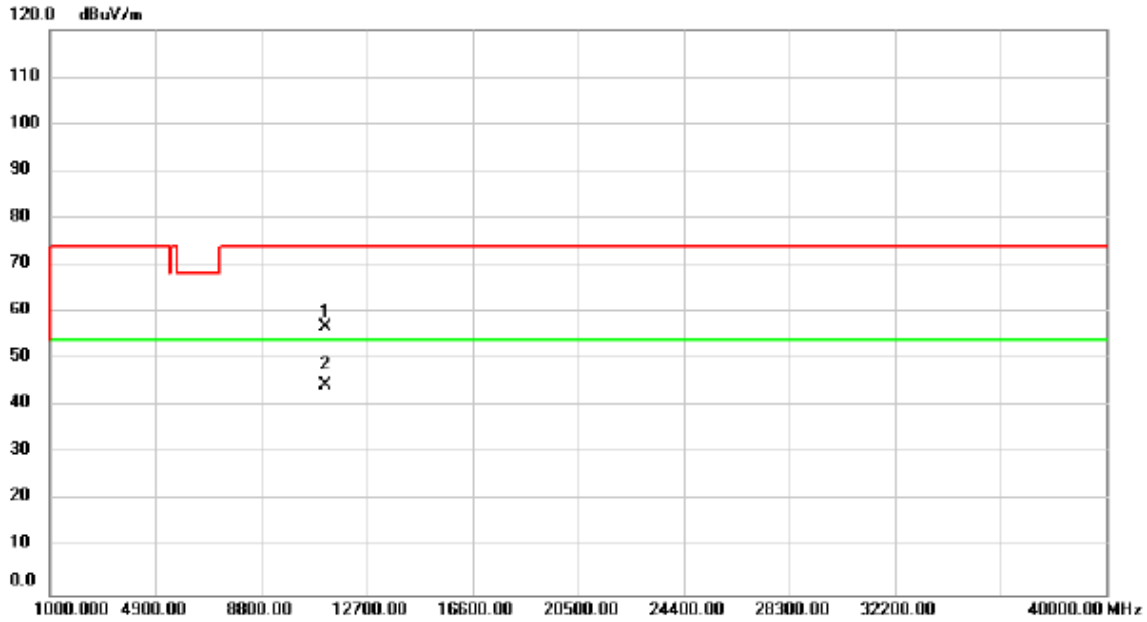
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	62.07	39.10	101.17	74.00	27.17	peak	No Limit
2	*	5580.000	53.59	39.10	92.69	54.00	38.69	AVG	No Limit

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

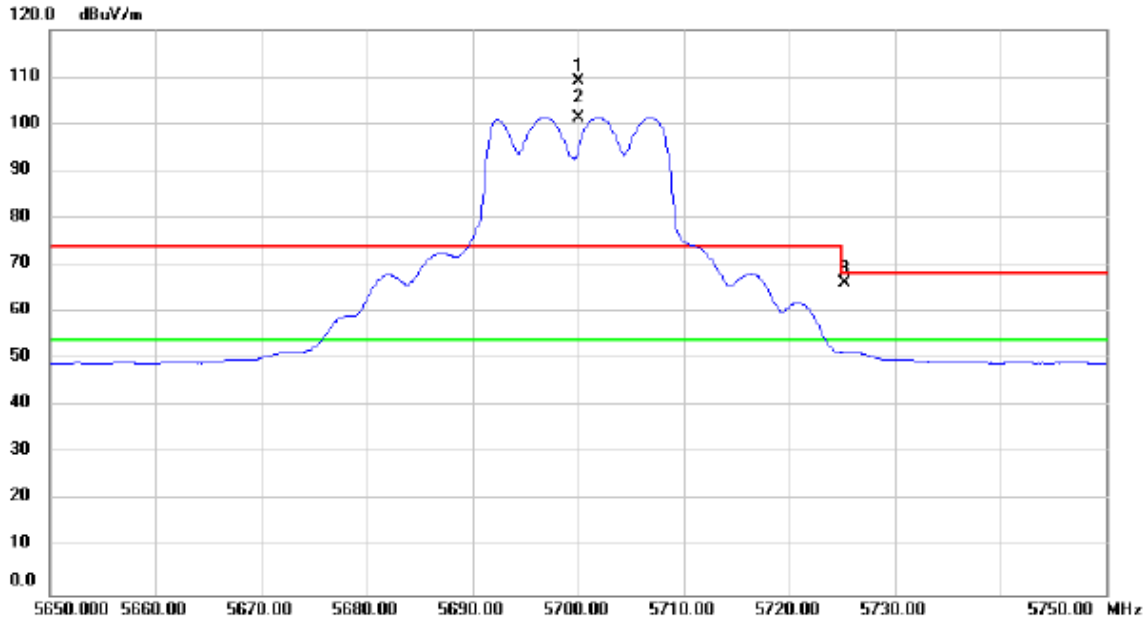
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	52.19	4.58	56.77	74.00	-17.23	peak	
2	*	11160.00	40.11	4.58	44.69	54.00	-9.31	AVG	

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

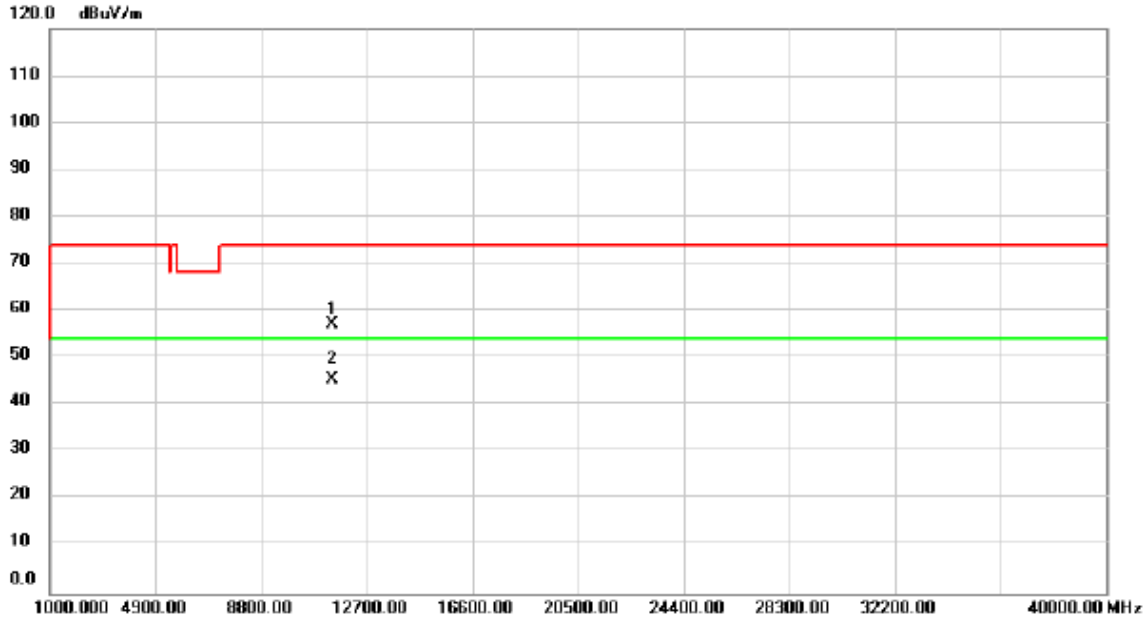
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	69.64	39.45	109.09	74.00	35.09	peak	No Limit
2	*	5700.000	61.91	39.45	101.36	54.00	47.36	AVG	No Limit
3		5725.250	26.69	39.53	66.22	68.20	-1.98	peak	

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

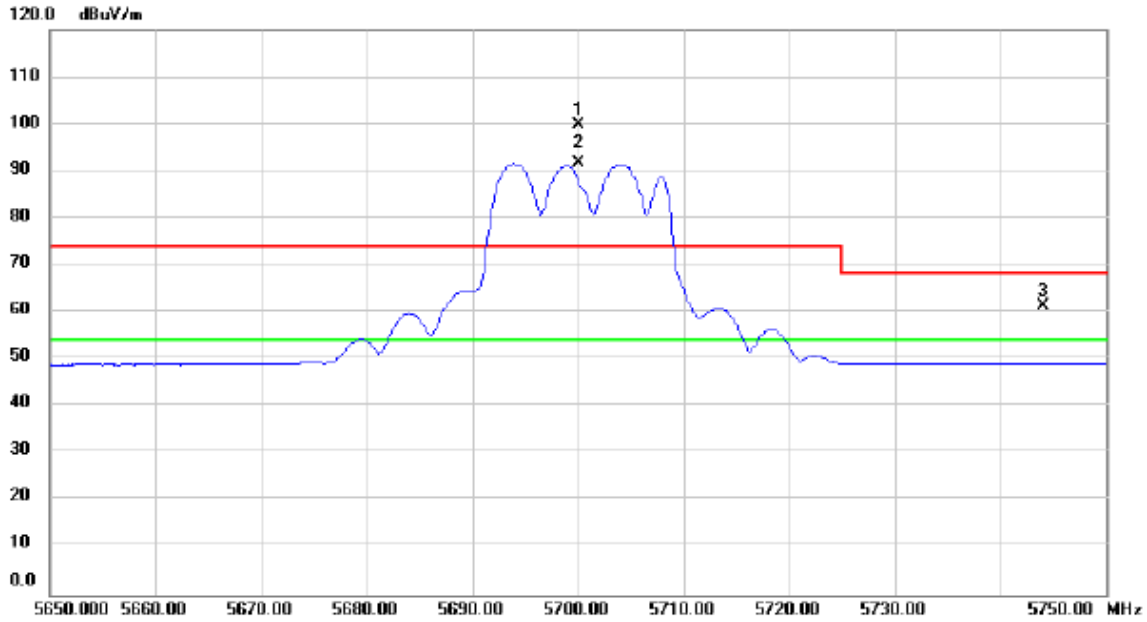
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	52.11	5.05	57.16	74.00	-16.84	peak	
2	*	11400.00	40.47	5.05	45.52	54.00	-8.48	AVG	

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

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	60.24	39.45	99.69	74.00	25.69	peak	No Limit
2	*	5700.000	52.06	39.45	91.51	54.00	37.51	AVG	No Limit
3		5744.000	21.64	39.58	61.22	68.20	-6.98	peak	

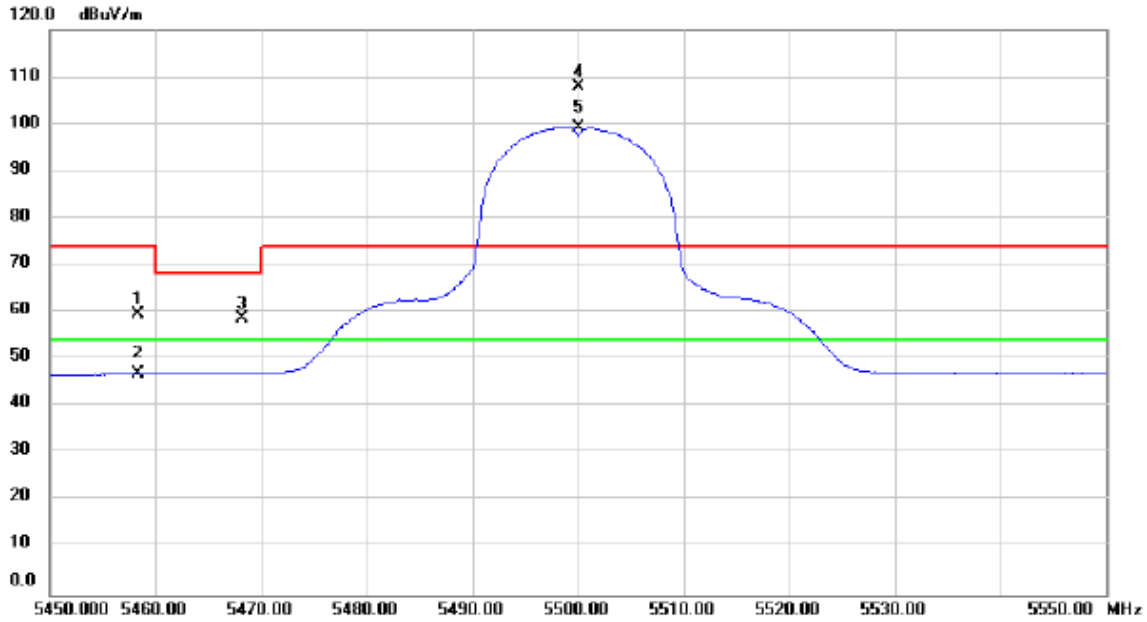
Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX A Mode 5700MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	52.13	5.05	57.18	74.00	-16.82	peak	
2	*	11400.00	40.12	5.05	45.17	54.00	-8.83	AVG	

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

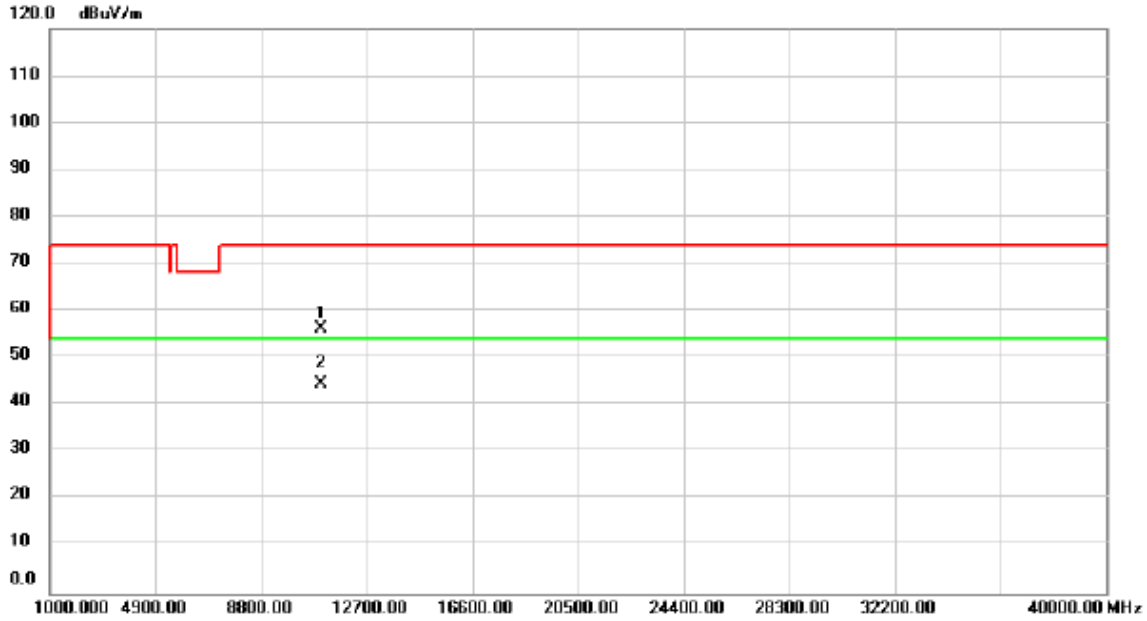
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.400	20.59	38.82	59.41	74.00	-14.59	peak	
2		5458.400	8.08	38.82	46.90	54.00	-7.10	AVG	
3		5468.260	19.73	38.83	58.56	68.20	-9.64	peak	
4	X	5500.000	69.05	38.87	107.92	74.00	33.92	peak	No Limit
5	*	5500.000	60.39	38.87	99.26	54.00	45.26	AVG	No Limit

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

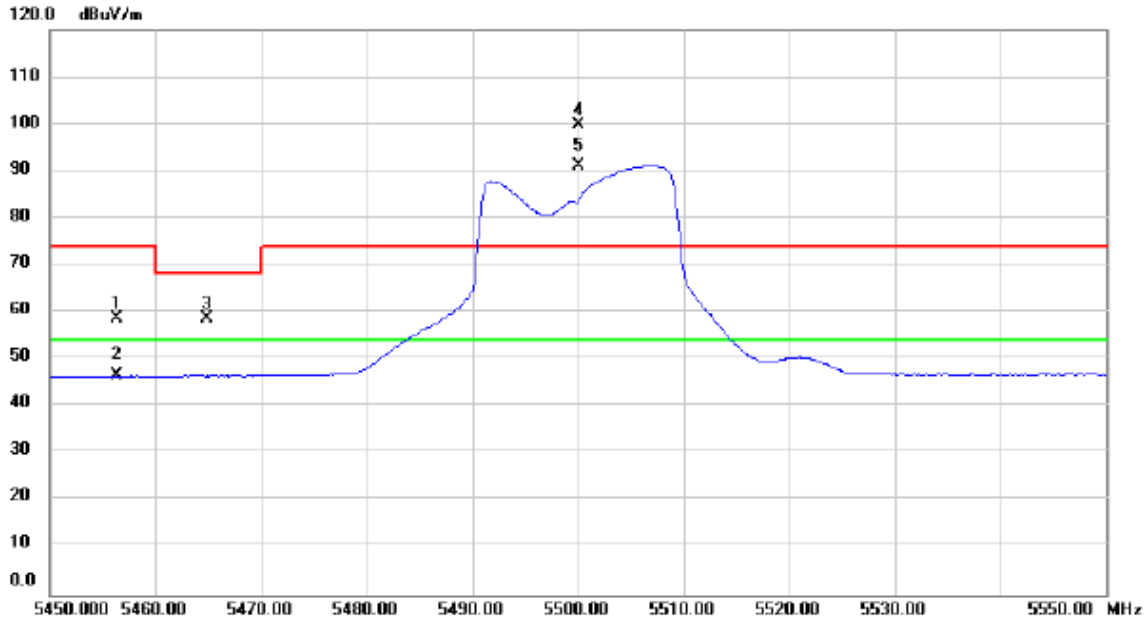
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	51.90	4.26	56.16	74.00	-17.84	peak	
2	*	11000.00	40.32	4.26	44.58	54.00	-9.42	AVG	

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

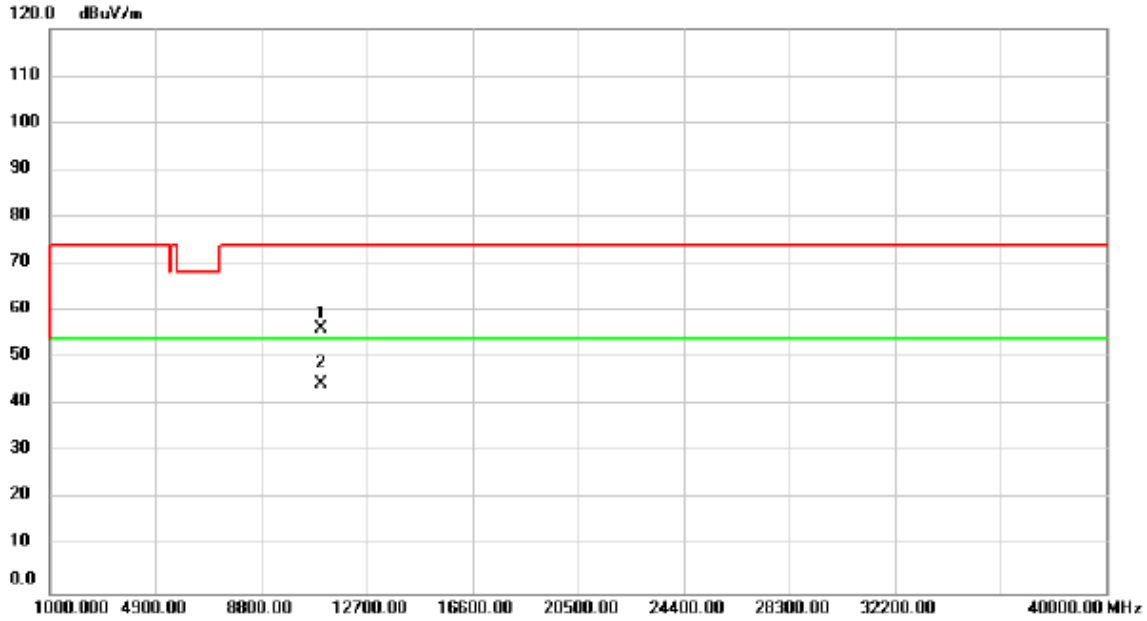
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5456.300	19.83	38.82	58.65	74.00	-15.35	peak	
2		5456.300	7.69	38.82	46.51	54.00	-7.49	AVG	
3		5464.900	19.81	38.83	58.64	68.20	-9.56	peak	
4	X	5500.000	60.80	38.87	99.67	74.00	25.67	peak	No Limit
5	*	5500.000	52.26	38.87	91.13	54.00	37.13	AVG	No Limit

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

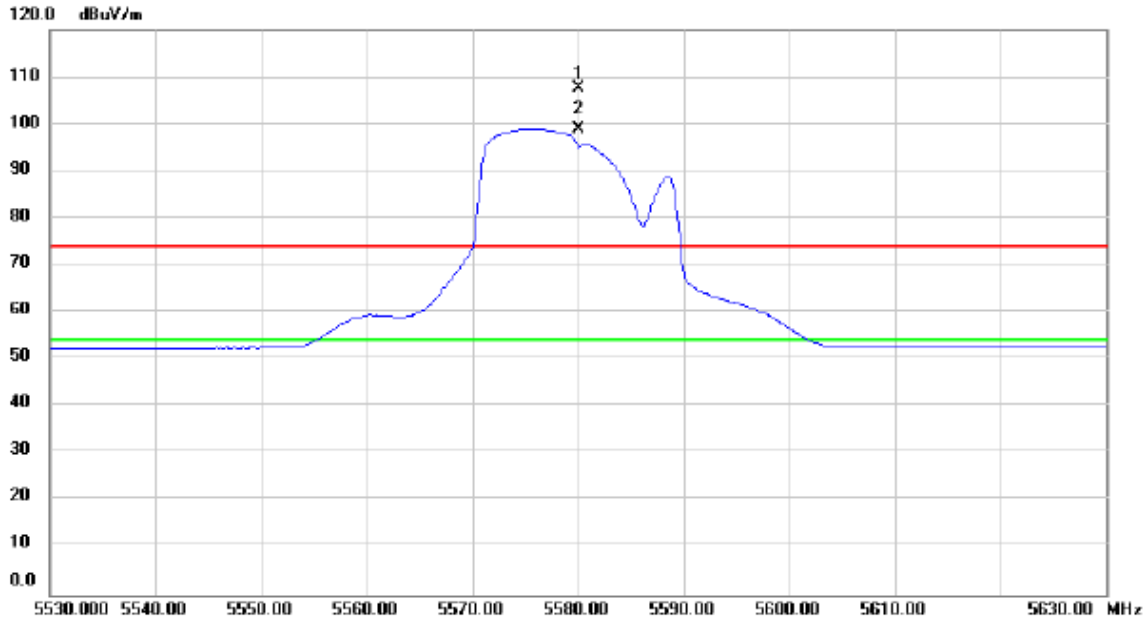
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	52.06	4.26	56.32	74.00	-17.68	peak	
2	*	11000.00	40.20	4.26	44.46	54.00	-9.54	AVG	

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

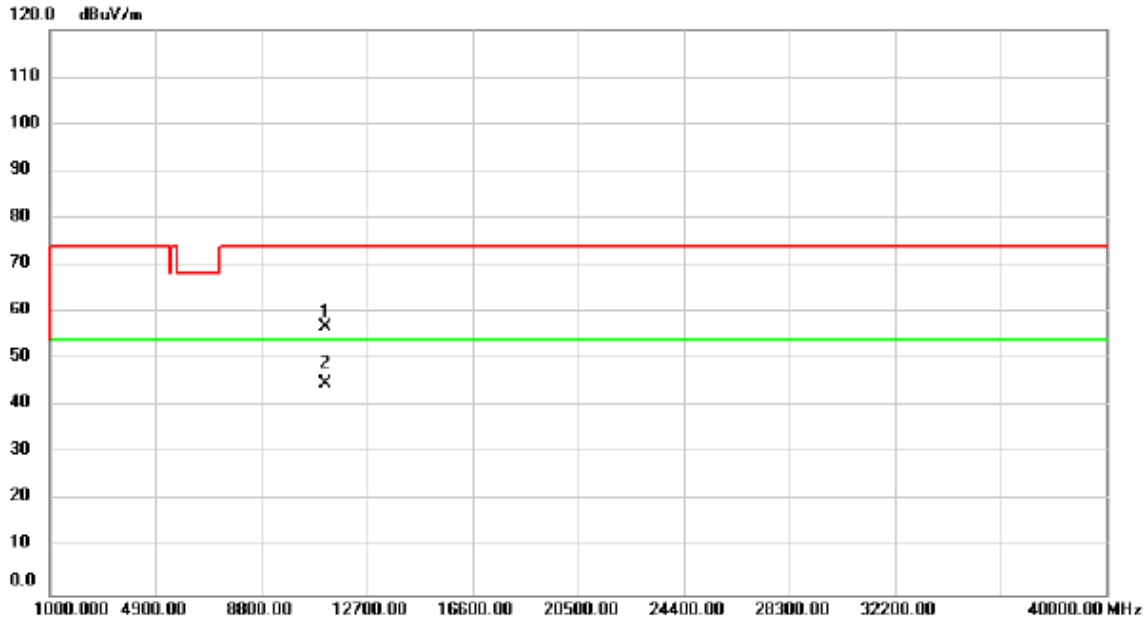
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	68.50	39.10	107.60	74.00	33.60	peak	No Limit
2	*	5580.000	59.76	39.10	98.86	54.00	44.86	AVG	No Limit

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

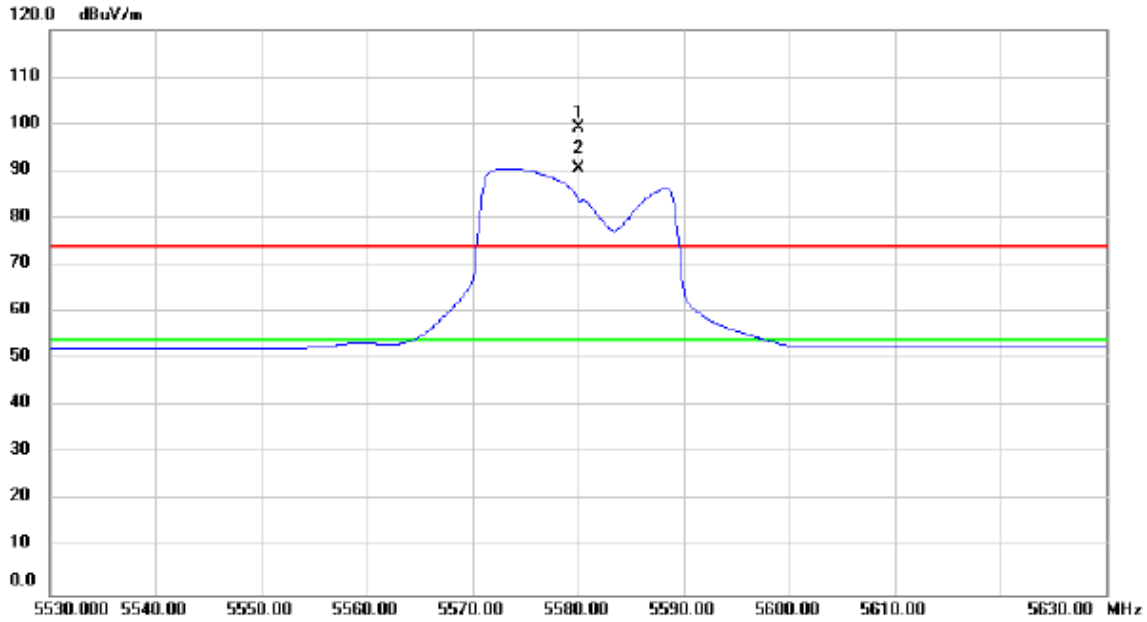
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	52.12	4.58	56.70	74.00	-17.30	peak	
2	*	11160.00	40.13	4.58	44.71	54.00	-9.29	AVG	

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

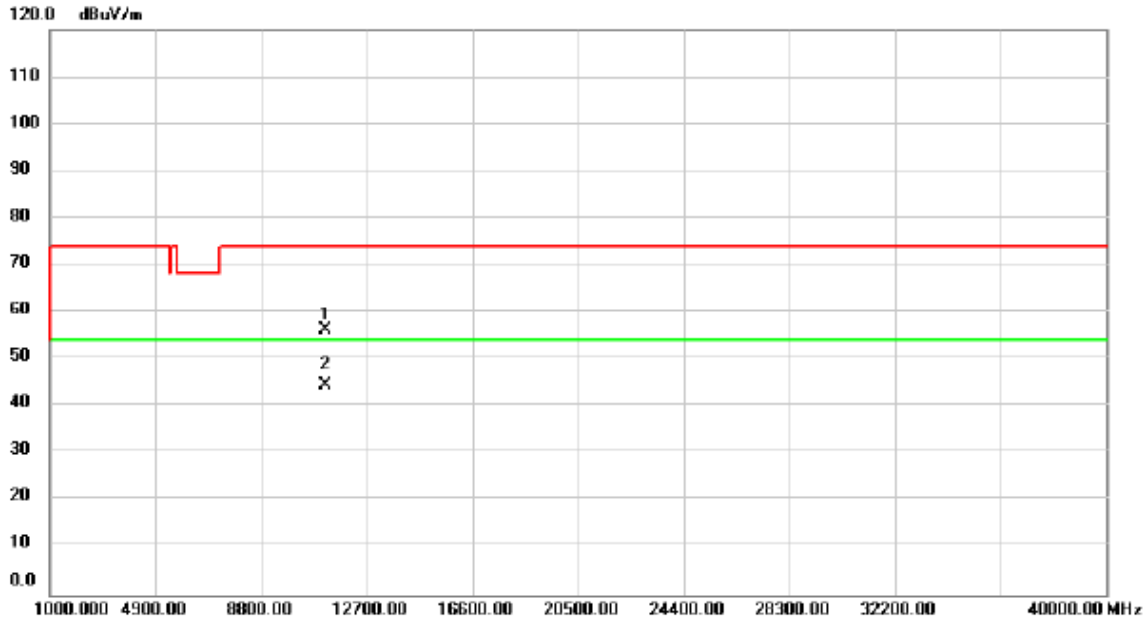
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5580.000	59.96	39.10	99.06	74.00	25.06	peak	No Limit
2	*	5580.000	51.47	39.10	90.57	54.00	36.57	AVG	No Limit

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

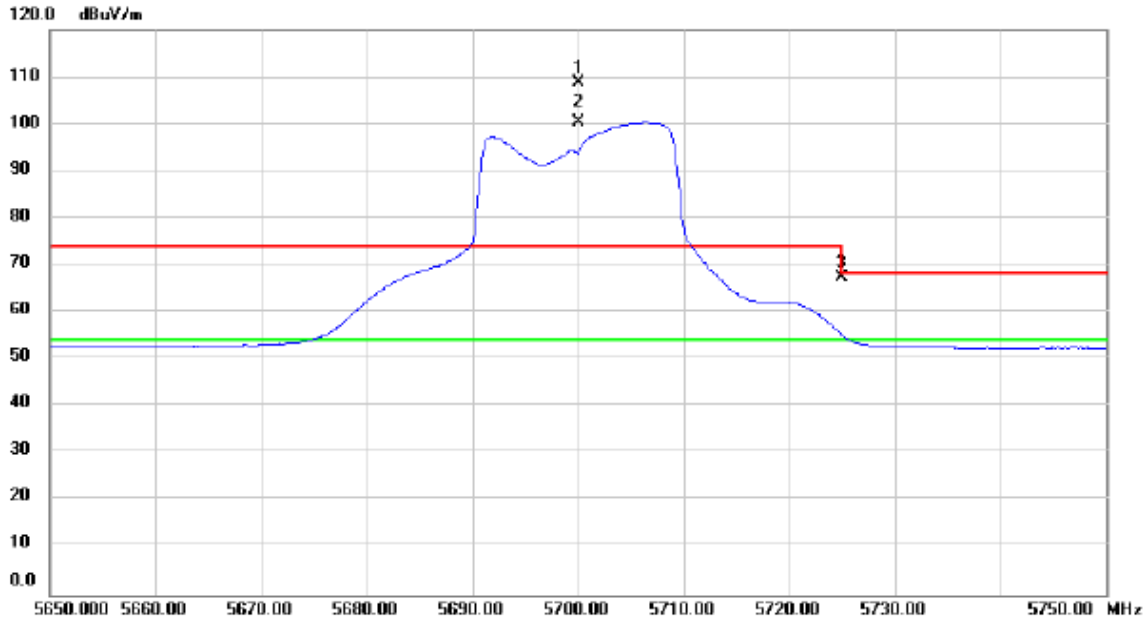
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	51.55	4.58	56.13	74.00	-17.87	peak	
2	*	11160.00	40.04	4.58	44.62	54.00	-9.38	AVG	

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

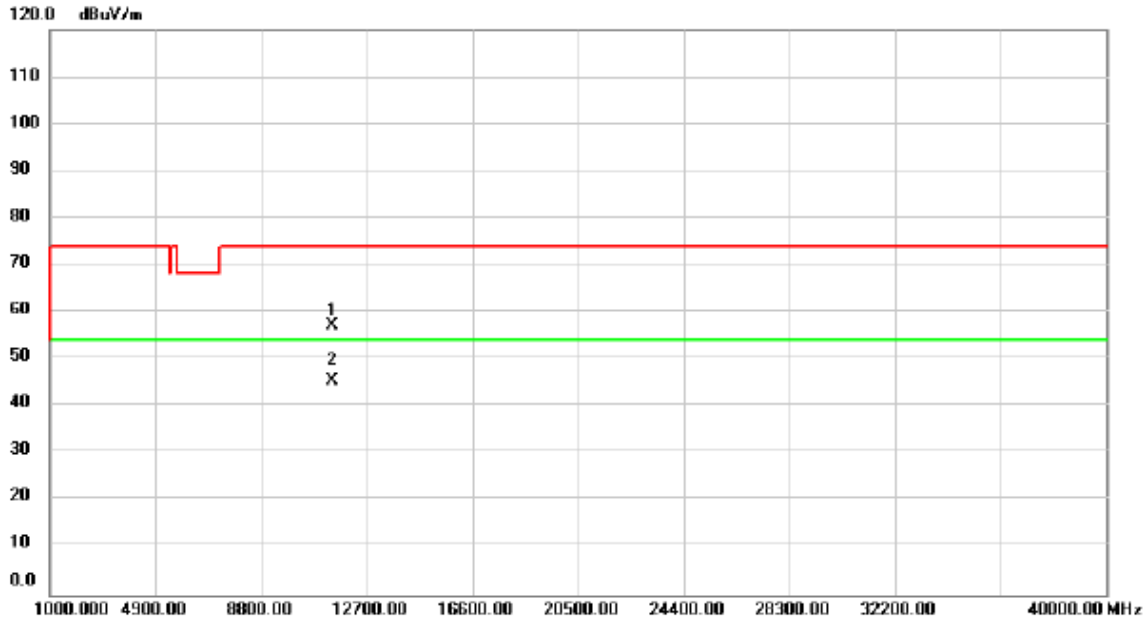
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	69.25	39.45	108.70	74.00	34.70	peak	No Limit
2	*	5700.000	60.78	39.45	100.23	54.00	46.23	AVG	No Limit
3		5725.050	27.80	39.53	67.33	68.20	-0.87	peak	

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

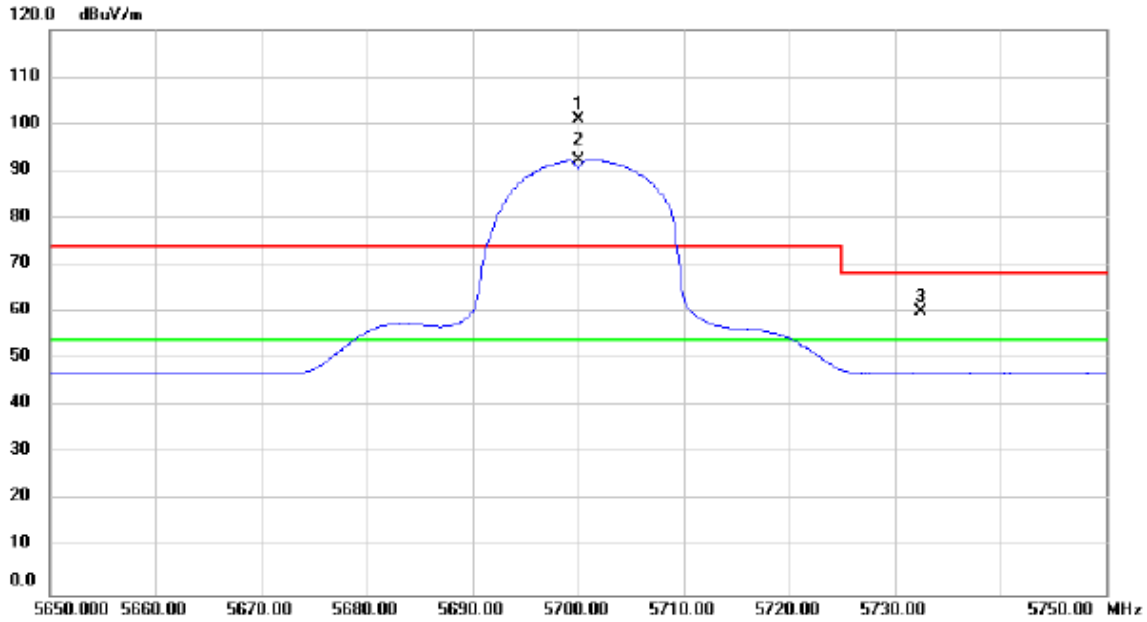
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	52.12	5.05	57.17	74.00	-16.83	peak	
2	*	11400.00	40.37	5.05	45.42	54.00	-8.58	AVG	

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

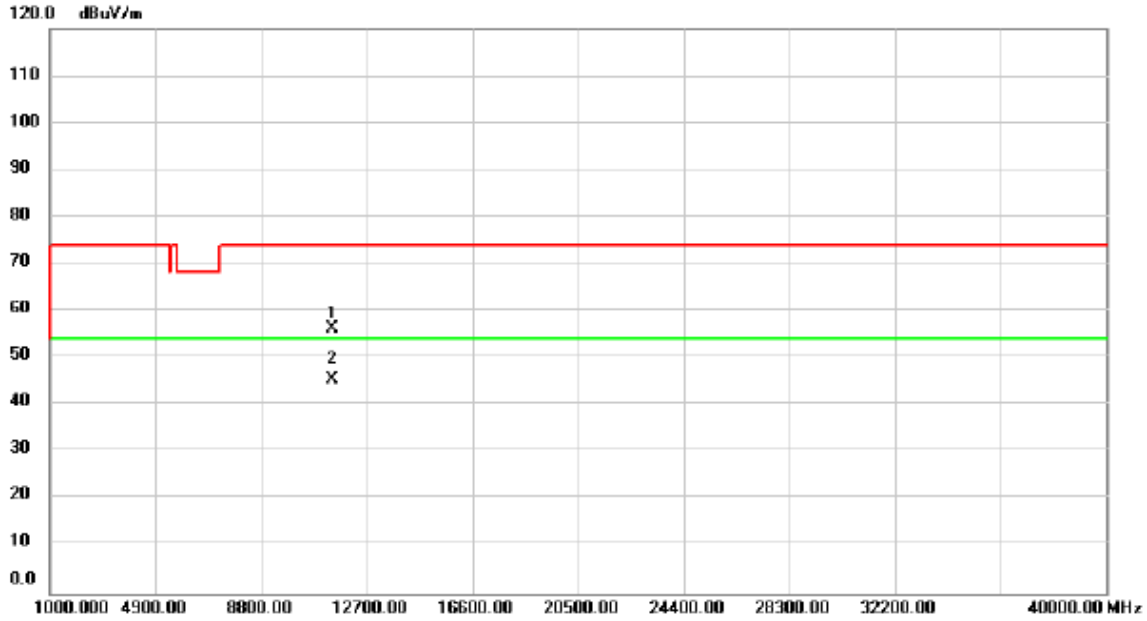
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	61.38	39.45	100.83	74.00	26.83	peak	No Limit
2	*	5700.000	52.94	39.45	92.39	54.00	38.39	AVG	No Limit
3		5732.525	20.61	39.55	60.16	68.20	-8.04	peak	

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

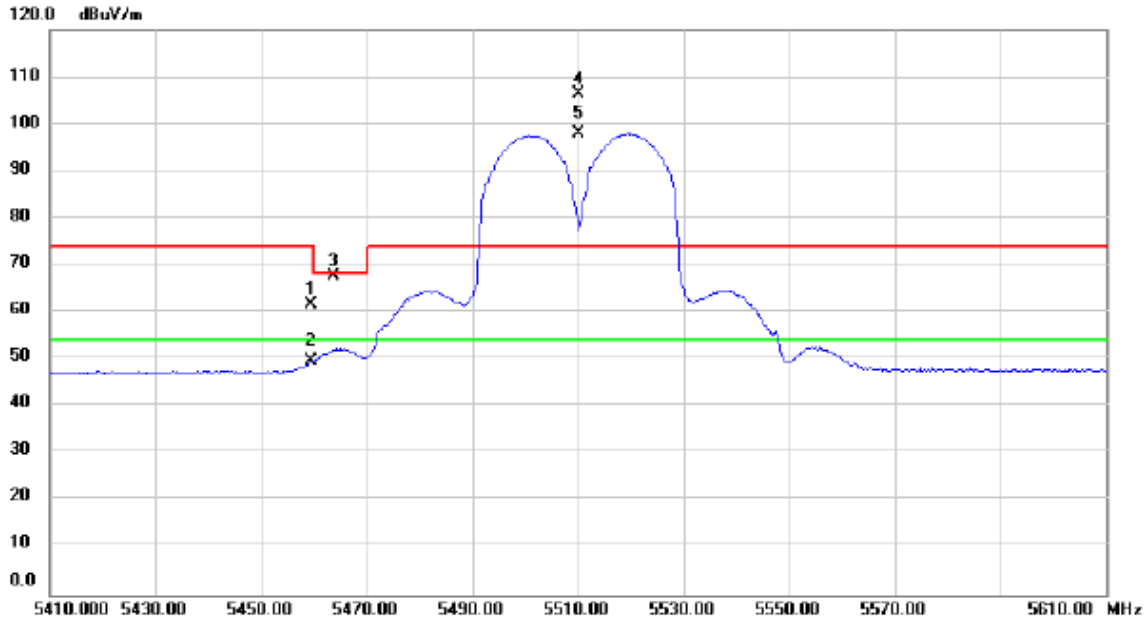
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	51.29	5.05	56.34	74.00	-17.66	peak	
2	*	11400.00	40.50	5.05	45.55	54.00	-8.45	AVG	

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

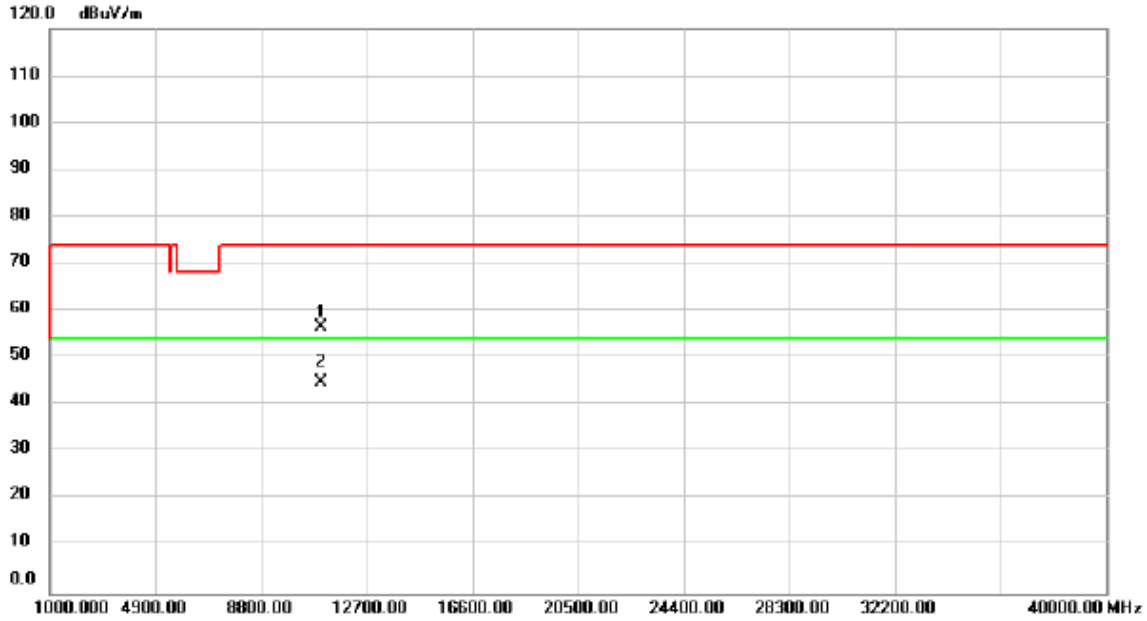
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5459.500	22.87	38.82	61.69	74.00	-12.31	peak	
2		5459.500	10.88	38.82	49.70	54.00	-4.30	AVG	
3		5463.690	28.86	38.83	67.69	68.20	-0.51	peak	
4	X	5510.000	67.47	38.89	106.36	74.00	32.36	peak	No Limit
5	*	5510.000	59.03	38.89	97.92	54.00	43.92	AVG	No Limit

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

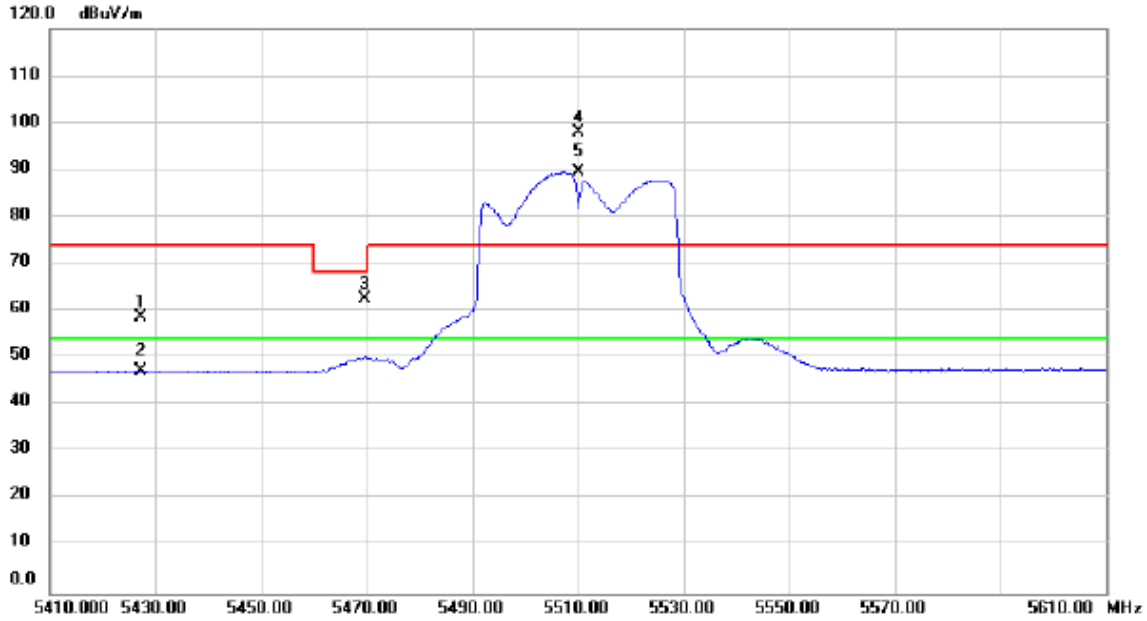
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11020.00	52.35	4.30	56.65	74.00	-17.35	peak	
2	*	11020.00	40.53	4.30	44.83	54.00	-9.17	AVG	

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

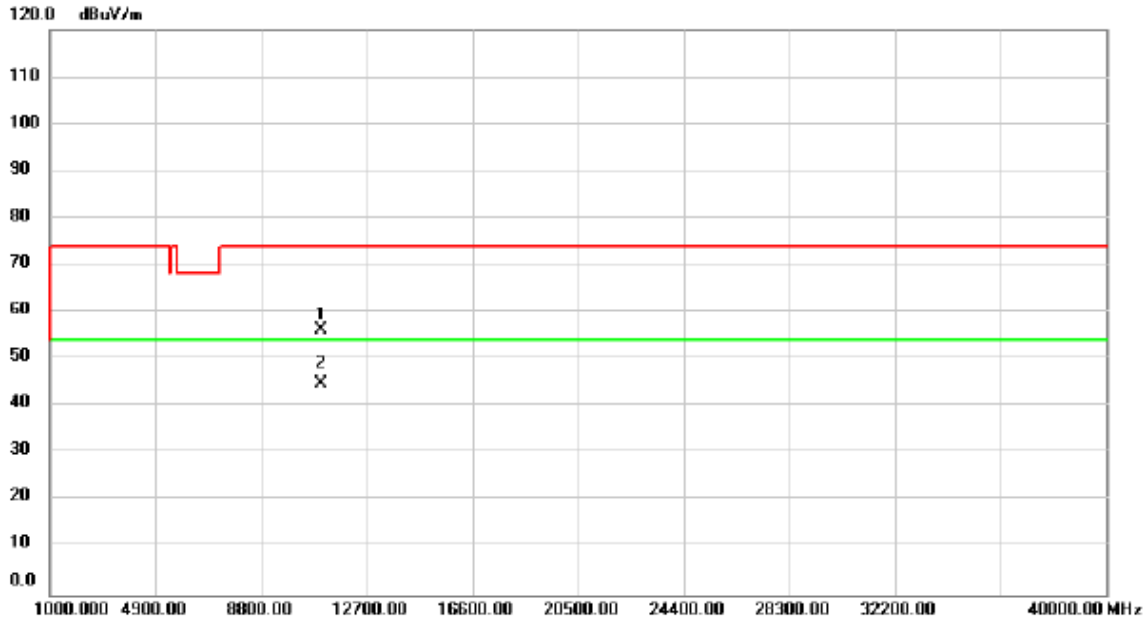
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5427.200	19.87	38.78	58.65	74.00	-15.35	peak	
2		5427.200	8.61	38.78	47.39	54.00	-6.61	AVG	
3		5469.510	23.82	38.84	62.66	68.20	-5.54	peak	
4	X	5510.000	58.98	38.89	97.87	74.00	23.87	peak	No Limit
5	*	5510.000	50.60	38.89	89.49	54.00	35.49	AVG	No Limit

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

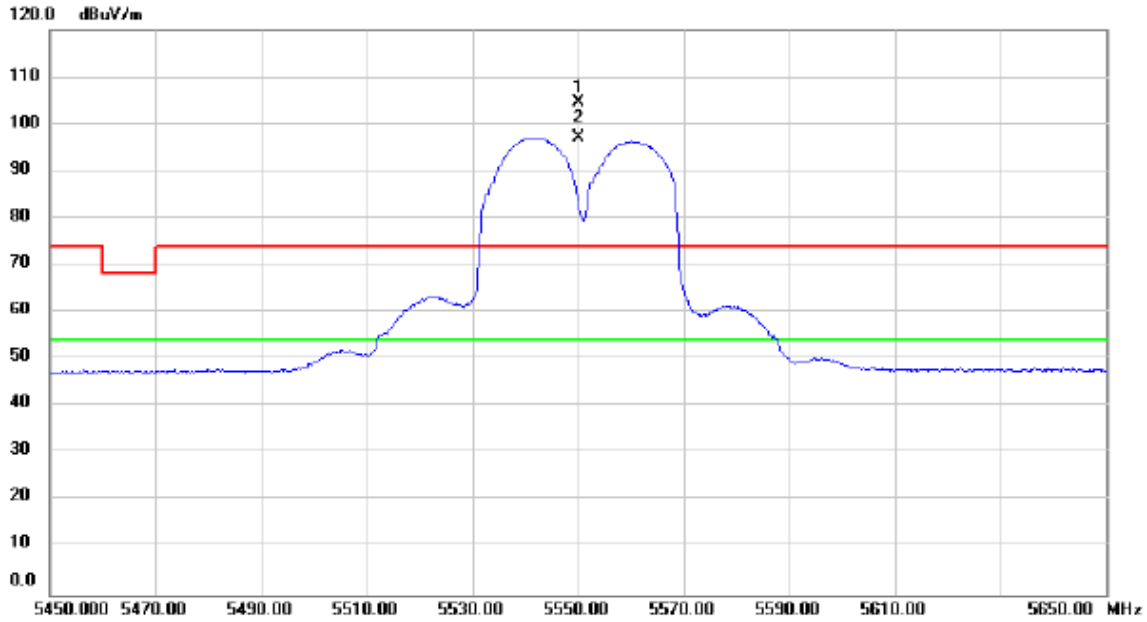
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11020.00	51.99	4.30	56.29	74.00	-17.71	peak	
2	*	11020.00	40.53	4.30	44.83	54.00	-9.17	AVG	

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

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5550.000	65.42	39.02	104.44	74.00	30.44	peak	No Limit
2	*	5550.000	58.10	39.02	97.12	54.00	43.12	AVG	No Limit

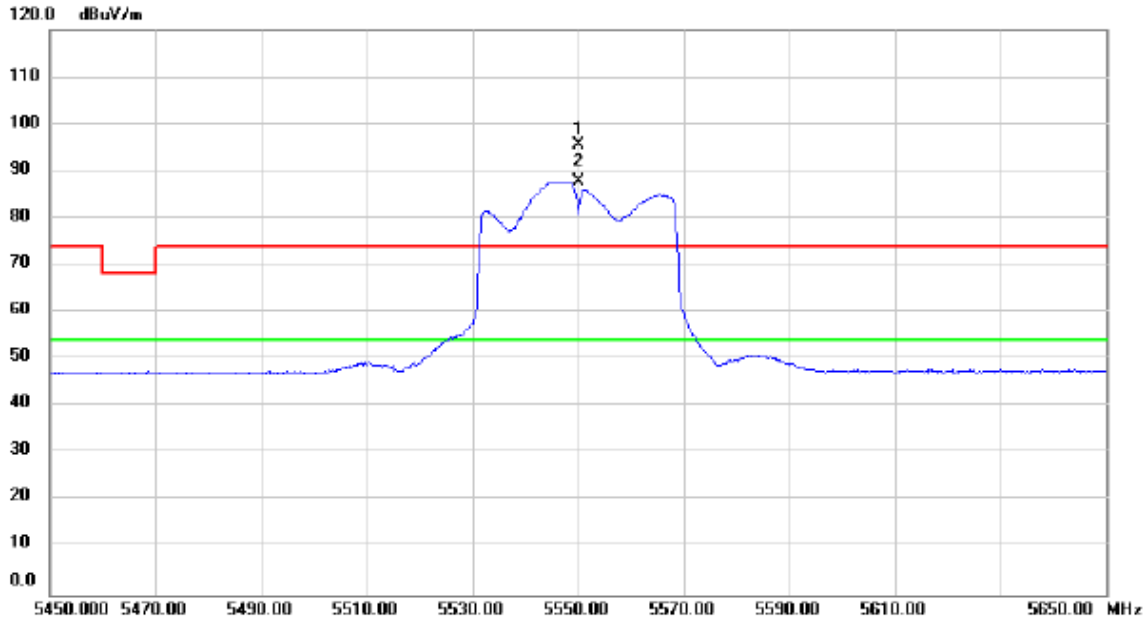
Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11100.00	53.07	4.46	57.53	74.00	-16.47	peak	
2	*	11100.00	40.67	4.46	45.13	54.00	-8.87	AVG	

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

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5550.000	56.59	39.02	95.61	74.00	21.61	peak	No Limit
2	*	5550.000	48.86	39.02	87.88	54.00	33.88	AVG	No Limit

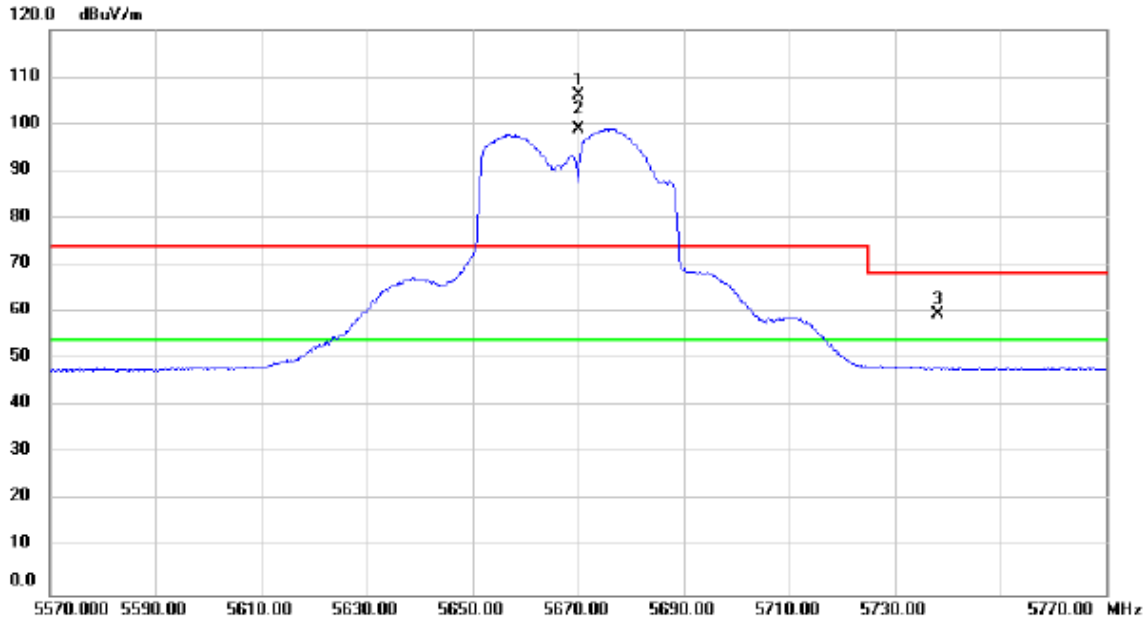
Orthogonal Axis :	X
Test Mode :	UNII-2C/ TX N40 Mode 5550MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11100.00	52.27	4.46	56.73	74.00	-17.27	peak	
2	*	11100.00	40.72	4.46	45.18	54.00	-8.82	AVG	

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

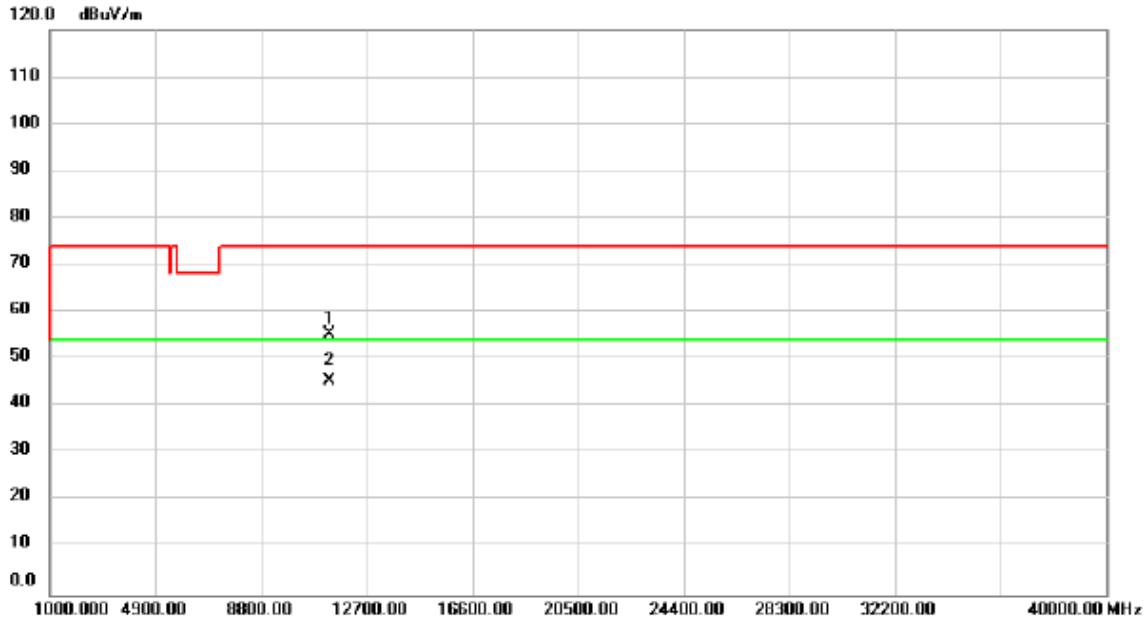
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5670.000	66.55	39.36	105.91	74.00	31.91	peak	No Limit
2	*	5670.000	59.60	39.36	98.96	54.00	44.96	AVG	No Limit
3		5738.095	19.90	39.56	59.46	68.20	-8.74	peak	

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

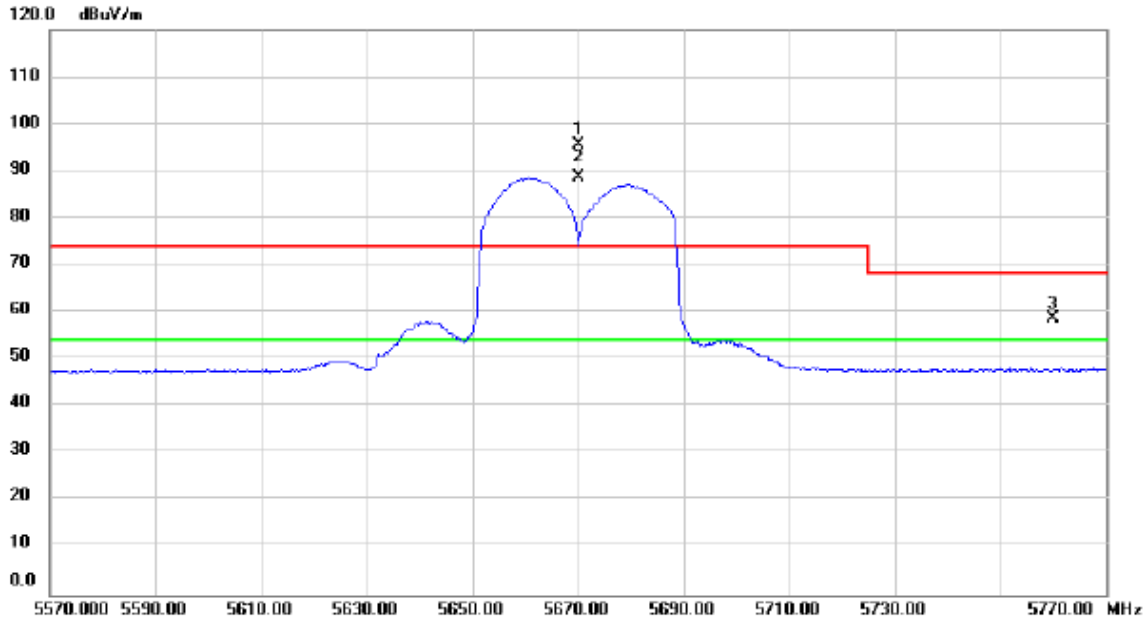
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11340.00	50.54	4.93	55.47	74.00	-18.53	peak	
2	*	11340.00	40.51	4.93	45.44	54.00	-8.56	AVG	

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

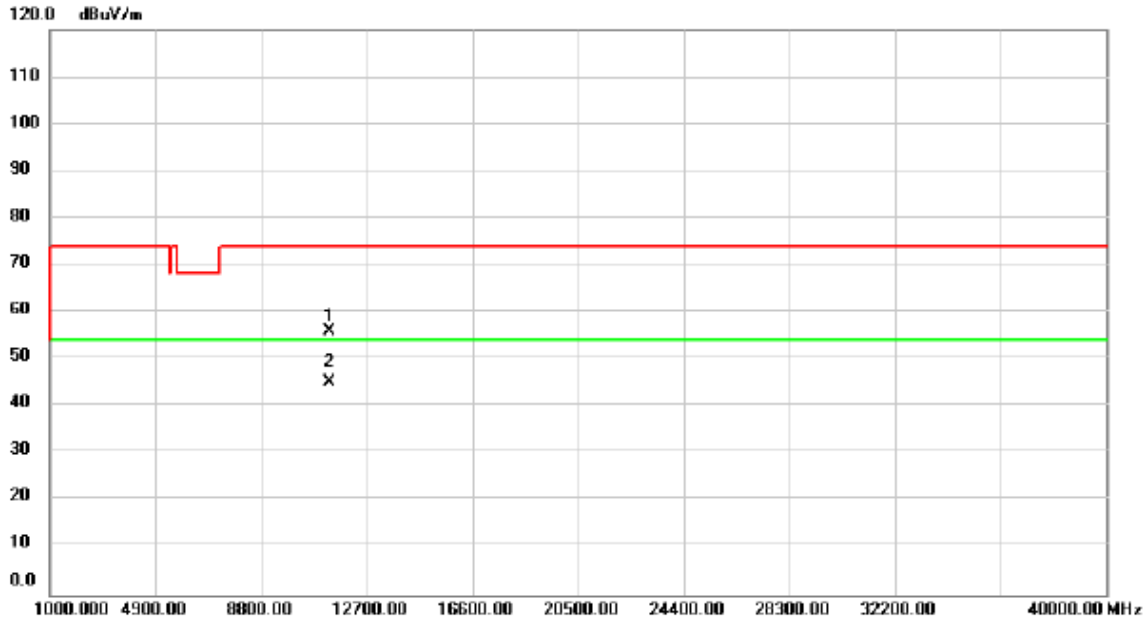
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5670.000	56.28	39.36	95.64	74.00	21.64	peak	No Limit
2	*	5670.000	49.19	39.36	88.55	54.00	34.55	AVG	No Limit
3		5759.920	19.13	39.62	58.75	68.20	-9.45	peak	

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

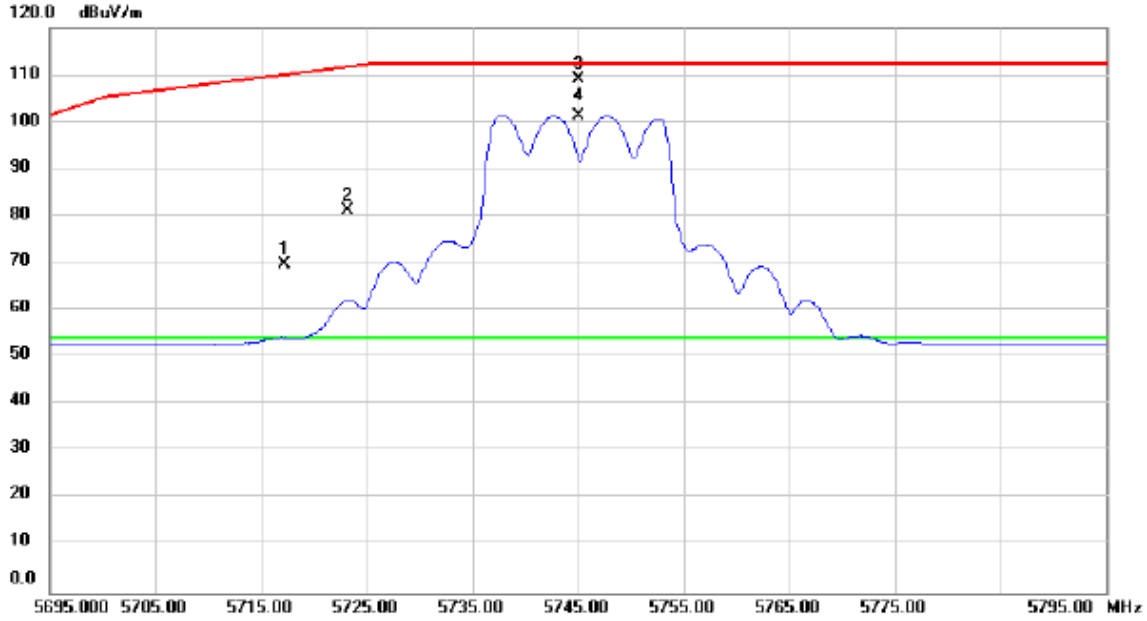
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11340.00	50.88	4.93	55.81	74.00	-18.19	peak	
2	*	11340.00	40.33	4.93	45.26	54.00	-8.74	AVG	

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

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5717.200	30.15	39.50	69.65	110.02	-40.37	peak	
2		5723.220	41.55	39.51	81.06	111.70	-30.64	peak	
3		5745.000	69.46	39.58	109.04	112.20	-3.16	peak	
4	*	5745.000	61.75	39.58	101.33	54.00	47.33	AVG	No Limit

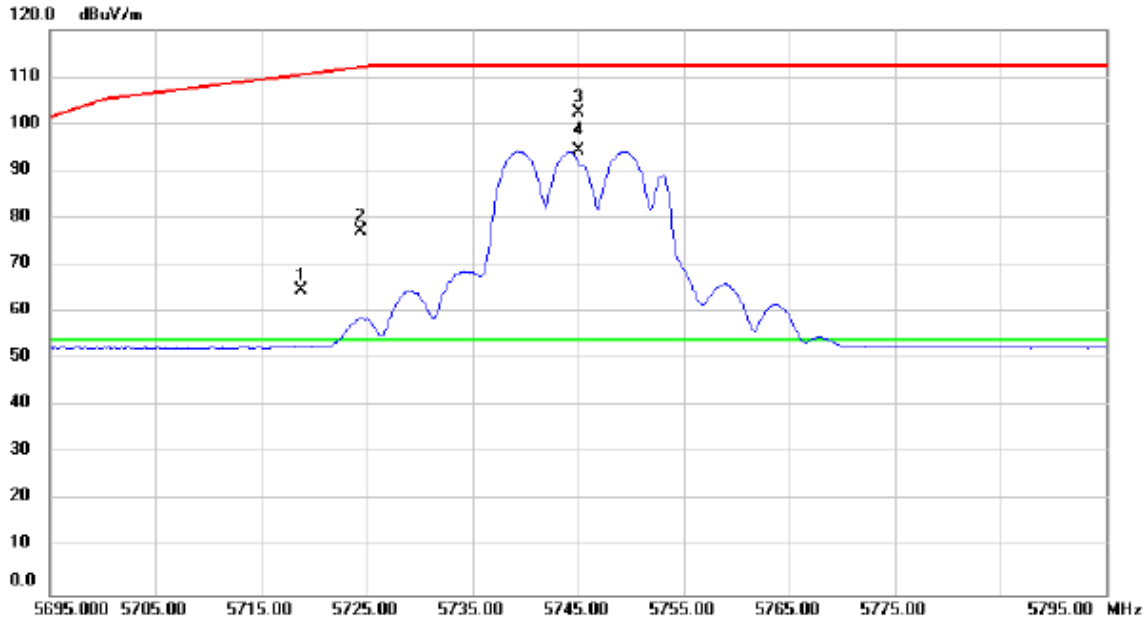
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	53.38	5.23	58.61	74.00	-15.39	peak	
2	*	11490.00	39.81	5.23	45.04	54.00	-8.96	AVG	

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

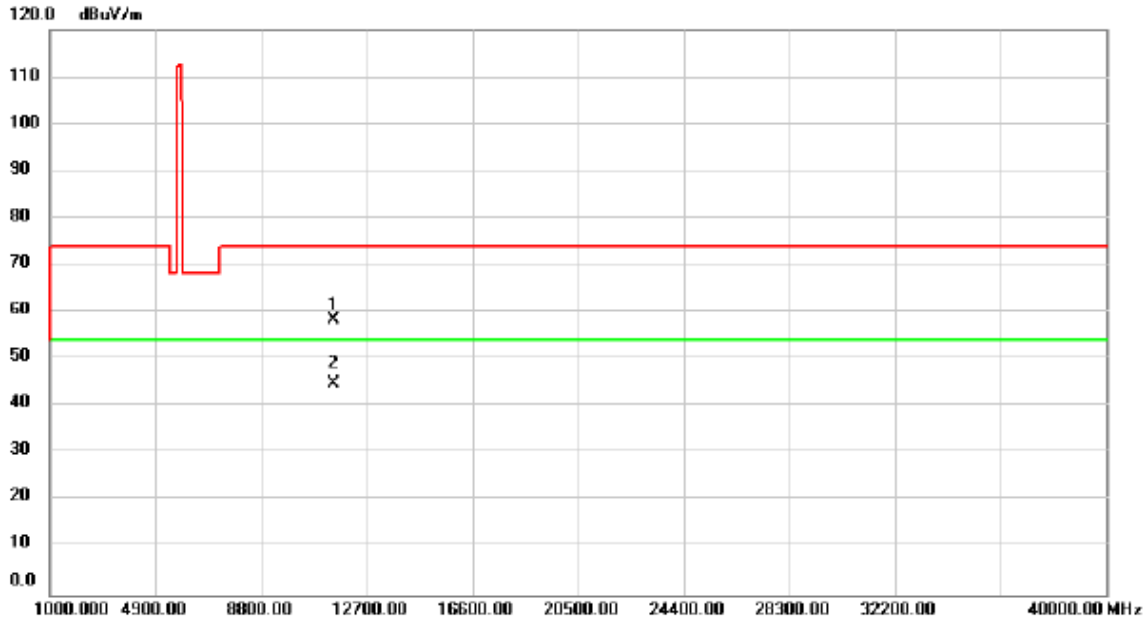
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5718.800	25.17	39.51	64.68	110.46	-45.78	peak	
2		5724.415	37.78	39.52	77.30	112.04	-34.74	peak	
3		5745.000	62.82	39.58	102.40	112.20	-9.80	peak	
4	*	5745.000	54.65	39.58	94.23	54.00	40.23	AVG	No Limit

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

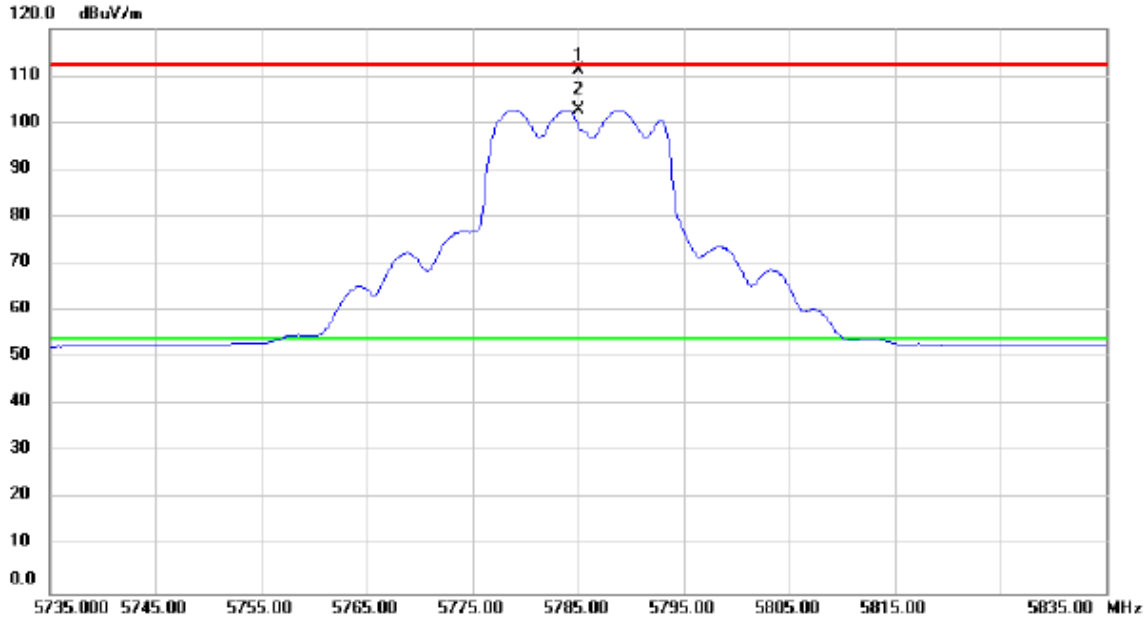
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	52.97	5.23	58.20	74.00	-15.80	peak	
2	*	11490.00	39.77	5.23	45.00	54.00	-9.00	AVG	

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

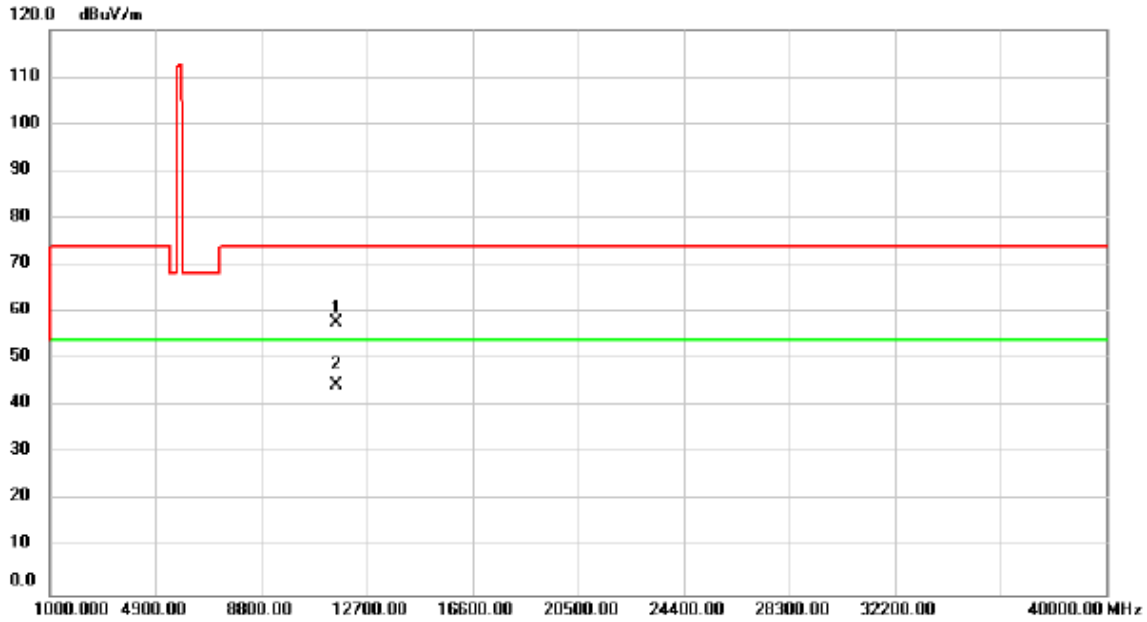
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5785.000	71.57	39.70	111.27	112.20	-0.93	peak	
2	*	5785.000	63.12	39.70	102.82	54.00	48.82	AVG	No Limit

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

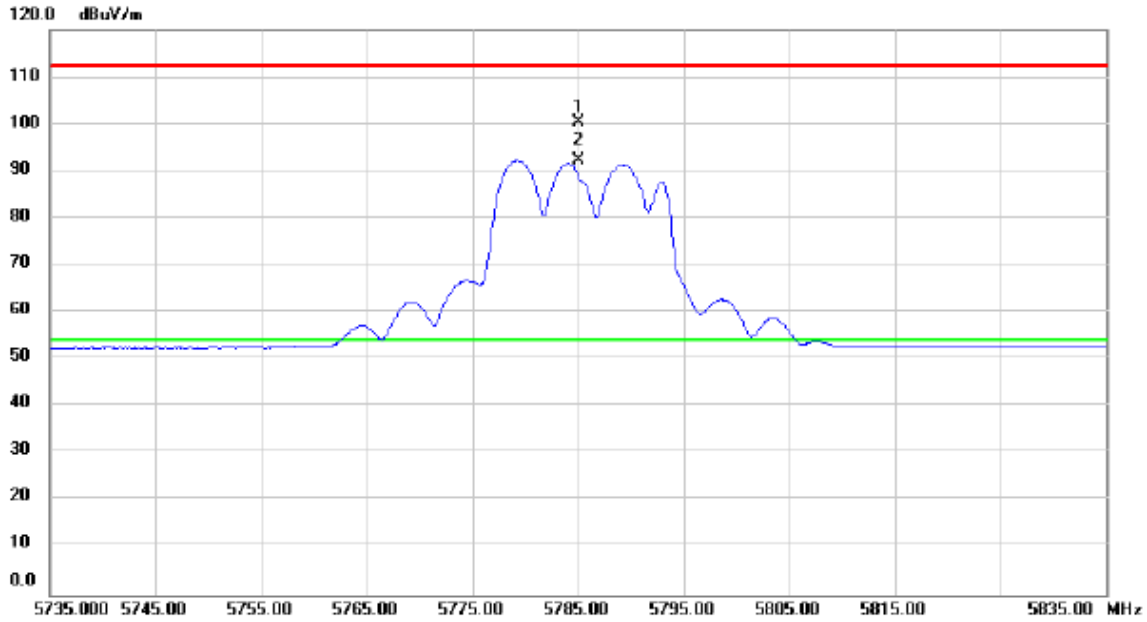
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	52.67	5.13	57.80	74.00	-16.20	peak	
2	*	11570.00	39.52	5.13	44.65	54.00	-9.35	AVG	

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

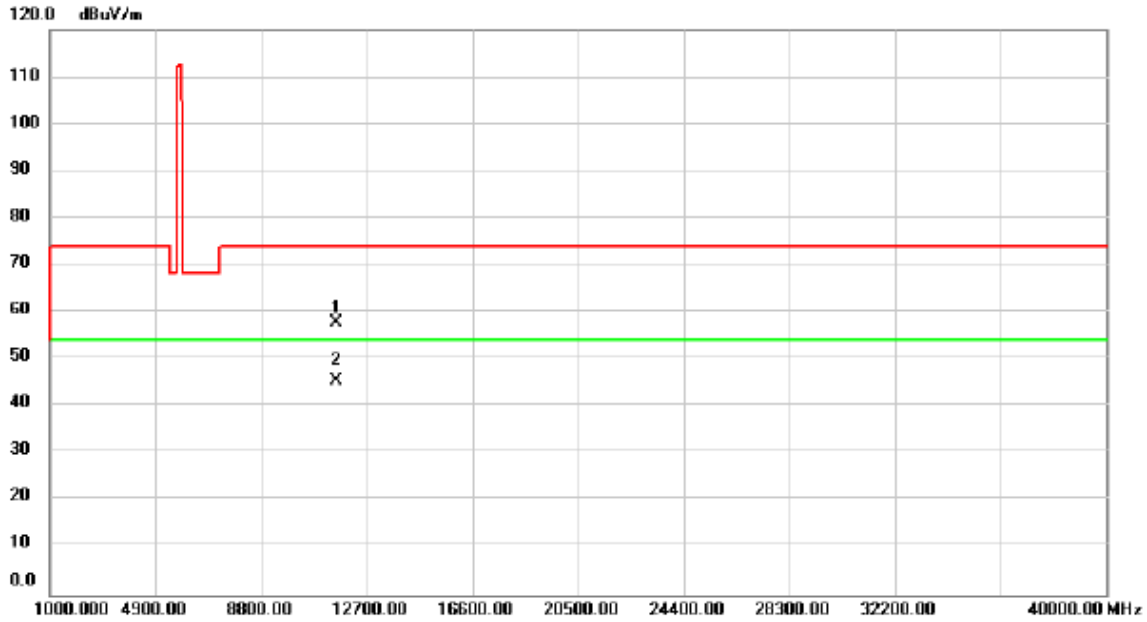
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5785.000	60.68	39.70	100.38	112.20	-11.82	peak	
2	*	5785.000	52.44	39.70	92.14	54.00	38.14	AVG	No Limit

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

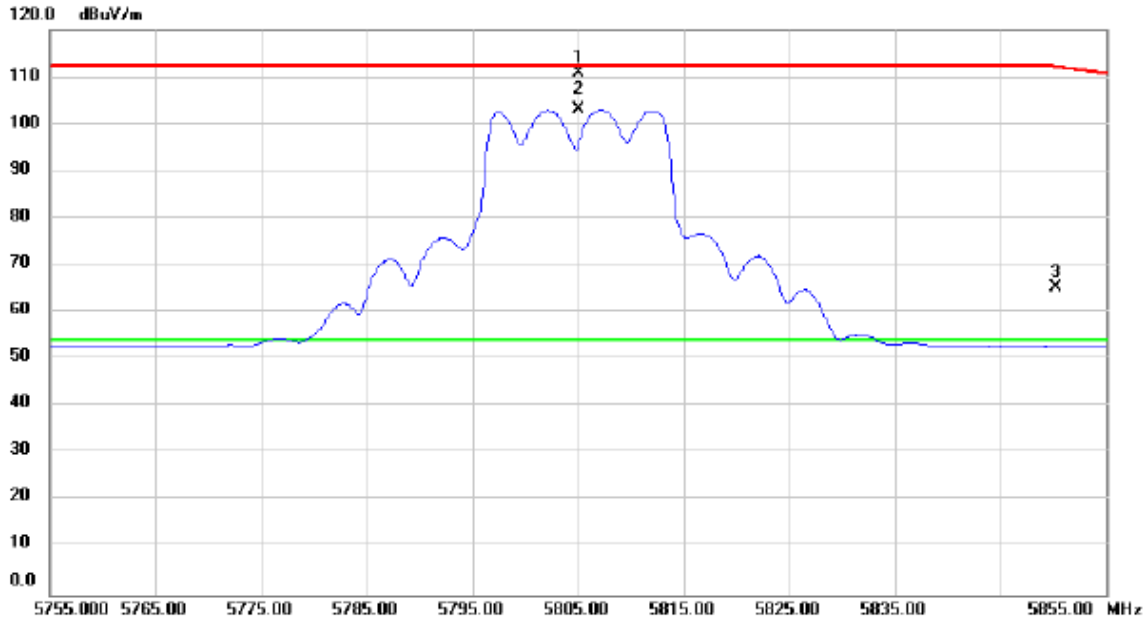
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	52.50	5.13	57.63	74.00	-16.37	peak	
2	*	11570.00	40.18	5.13	45.31	54.00	-8.69	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5805MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5805.000	71.17	39.76	110.93	112.20	-1.27	peak	
2	*	5805.000	63.24	39.76	103.00	54.00	49.00	AVG	No Limit
3		5850.265	25.26	39.89	65.15	112.13	-46.98	peak	