FCC Radio Test Report

FCC ID: UIDSBR1750

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

Project No.	:	1410139
Equipment	:	802.11ac Wireless Router
Model Name	:	TR3300-AC; SBR-AC1750
Applicant	:	ARRIS Group, Inc.
Address	:	3871 Lakefield Drive, Suite 300 Suwanee Georgia 30024 United States

Date of Receipt	:	Oct. 17, 2014
Date of Test	:	Oct. 17, 2014 ~ Jan. 29, 2015
Issued Date	:	Jan. 30, 2015
Tested by	:	BTL Inc.

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Declaration

BTLrepresents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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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-1-1410139	Original Issue.	Jan. 30, 2015

1. CERTIFICATION

Equipment	:	802.11ac Wireless Router
Brand Name	:	ARRIS
Model Name	:	TR3300-AC; SBR-AC1750
Applicant	:	ARRIS Group, Inc.
Date of Test	:	Oct. 17, 2014 ~ Jan. 29, 2015
Test Sample	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.4: 2009 FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

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-1-1410139) 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).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

NOTE:

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

(2) FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

2.1TEST FACILITY

The test facilities used to collect the test data in this report:

Conducted emission Test:

C02: (VCCI RN: C-3477; FCC RN: 614388; FCC DN: TW1054)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test (Below 1 GHz):

CB08: (FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428A-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test (Above 1 GHz):

CB08: (FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428A-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

2.2MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC rules and for reference only.
The reported uncertainty of measurement **y** ± **U**,where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**,providing a level of confidence of approximately **95**%.
The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

A. Conducted emission test:

Test Site	Measurement Frequency Range	U,(dB)	NOTE
C02	150 kHz ~ 30 MHz	2.59	

B. Radiated emission test:

Test Site	Item	Measurement Frequency Range		Uncertainty	NOTE
CB08	Radiated emission at 3m	Horizontal Polarization	30 - 200MHz	3.35 dB	
			200 - 1000MHz	3.11 dB	
			1 - 18GHz	3.97 dB	
			18 - 40GHz	4.01 dB	
		Vertical Polarization	30 - 200MHz	3.22 dB	
			200 - 1000MHz	3.24 dB	
			1 - 18GHz	4.05 dB	
			18 - 40GHz	4.04 dB	

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

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

It can be seen that our U_{lab} values are smaller than U_{CISPR}.
If U_{lab} is less than or equal to U_{CISPR}, then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If U_{lab} is greater than U_{CISPR}, then:

- compliance is deemed to occur if no measured disturbance level, increased by (U_{lab} - U_{CISPR}), exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level, increased by (U_{lab} - U_{CISPR}), exceeds the disturbance limit.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	802.11ac Wireless Router	
Brand Name	ARRIS	
Model Name	TR3300-AC; SBR-AC1750	
Mode Different	Please refer to Note 2.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	450Mbps
	Output Power (Max.)for UNII-1	802.11a: 20.89dBm 802.11n (20M): 21.59dBm 802.11n (40M): 21.96dBm 802.11ac (20M): 21.66dBm 802.11ac (40M): 21.71dBm 802.11ac (80M): 14.18dBm
	Output Power (Max.)for UNII-3	802.11a: 24.51dBm 802.11n (20M): 25.46dBm 802.11n (40M): 25.28dBm 802.11ac (20M): 25.20dBm 802.11ac (40M): 25.00dBm 802.11ac (80M): 16.73dBm
Power Source	1# DC voltage supplied from AC/DC adapter. Brand / Model Name: Chicony/W13-024N3A 2# DC voltage supplied from AC/DC adapter. Brand / Model Name: APD/WA-24I12FU	
Power Rating	1# I/P: AC 100-120V 60Hz 0.8A Max / O/P: DC +12V 2A 2# I/P: AC 100-240V 50-60Hz 0.7A / O/P: DC 12V 2A	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2.

Model Name	Color
TR3300-AC	Black
SBR-AC1750	White

2. Channel List:

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

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

3. Antenna Specification:

Ant.	Brand	Part NO.	Antenna Type	Connector	Gain (dBi)	Note
4	N/A	N/A	Integral	N/A	2.97	TX/RX
5	N/A	N/A	PIFA	N/A	2.39	TX/RX
6	N/A	N/A	PIFA	N/A	2.75	TX/RX

Note:
(1) The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (3T3R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}**, that is Directional gain=2.97.

4.

Operating Mode / TX Mode	3TX
802.11a	V (ANT 1 + ANT 2+ANT 3)
802.11n (20MHz)	V (ANT 1 + ANT 2+ANT 3)
802.11n (40MHz)	V (ANT 1 + ANT 2+ANT 3)
802.11ac (20MHz)	V (ANT 1 + ANT 2+ANT 3)
802.11ac (40MHz)	V (ANT 1 + ANT 2+ANT 3)
802.11ac (80MHz)	V (ANT 1 + ANT 2+ANT 3)

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 Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (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 AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)

Note: For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEXT 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

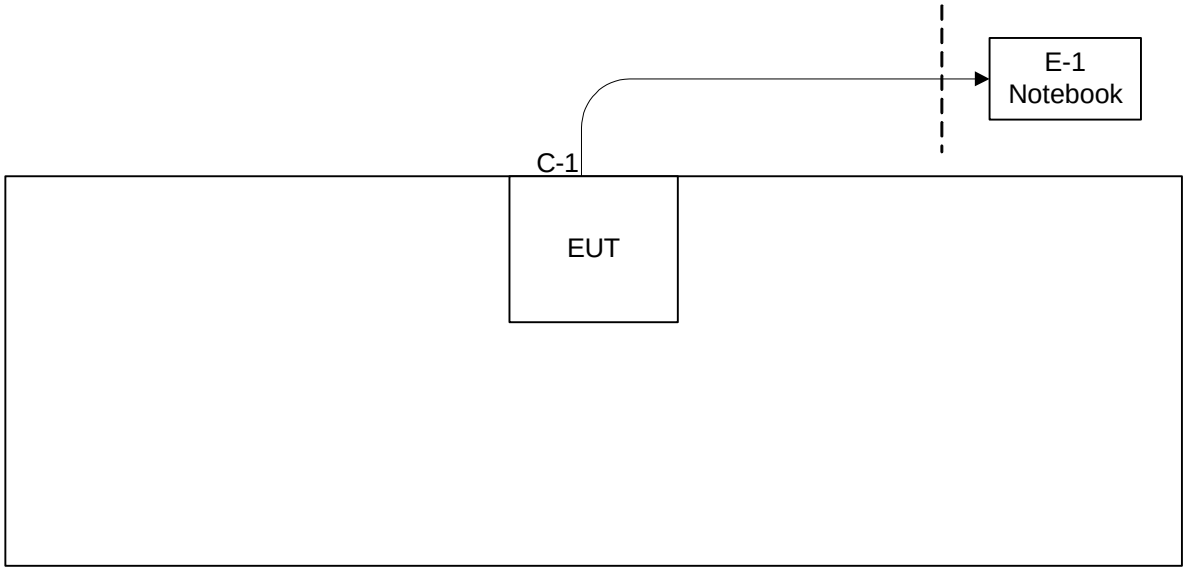
UNII-1			
Test Software Version	ART		
Frequency (MHz)	5180	5200	5240
A Mode	18	17.5	18
N20 Mode	19	17	18
Frequency (MHz)	5190	5230	
N40 Mode	16	20	

UNII-3			
Test Software Version	ART		
Frequency (MHz)	5745	5785	5825
A Mode	21	22	19.5
N20 Mode	19	22	22
Frequency (MHz)	5755	5795	
N40 Mode	16.5	22	

UNII-1			
Test Software Version	Artgui		
Frequency (MHz)	5180	5200	5240
AC20 Mode	18	17	19
Frequency (MHz)	5190	5230	
AC40 Mode	13.5	20	
Frequency (MHz)	5210		
AC80 Mode	12		

UNII-3			
Test Software Version	Artgui		
Frequency (MHz)	5745	5785	5825
AC20 Mode	19	22	22
Frequency (MHz)	5755	5795	
AC40 Mode	16	22	
Frequency (MHz)	5775		
AC80 Mode	14		

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/IC	Series No.	Note
E-1	Notebook PC	DELL	PP18L	DOC	PF329 A01	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10m	RJ-45 Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

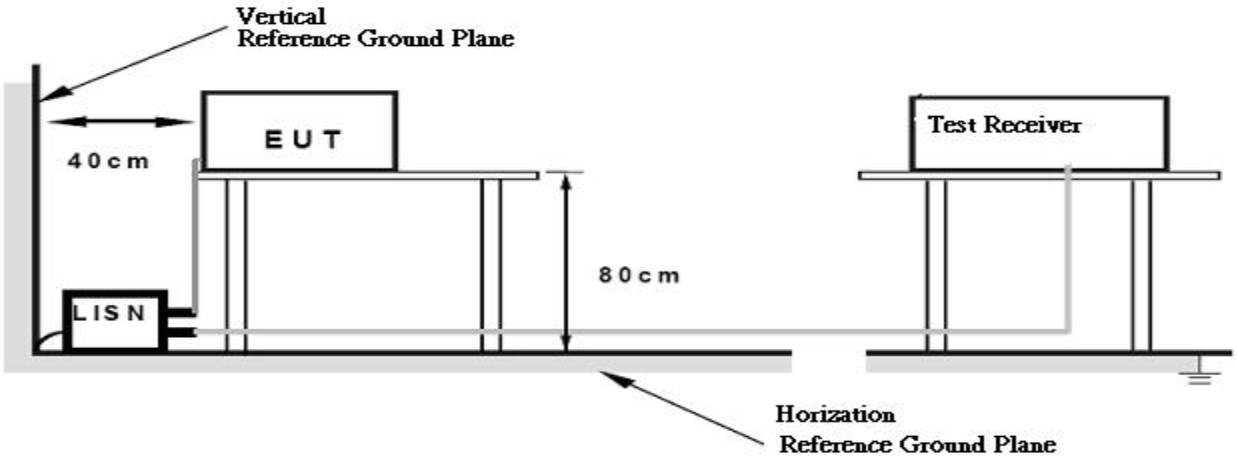
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the 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
5725-5850	-27 (beyond 10MHz of the band edge)	68.3
	-17 (within 10 MHz of band edge)	78.3

Note: 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)

4.2.2 TEST PROCEDURE

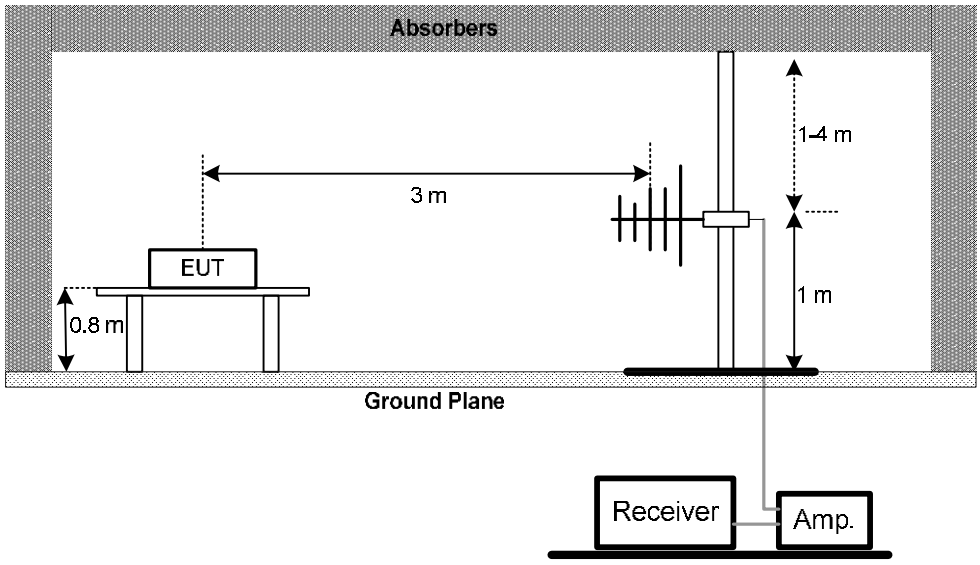
a. The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; 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. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

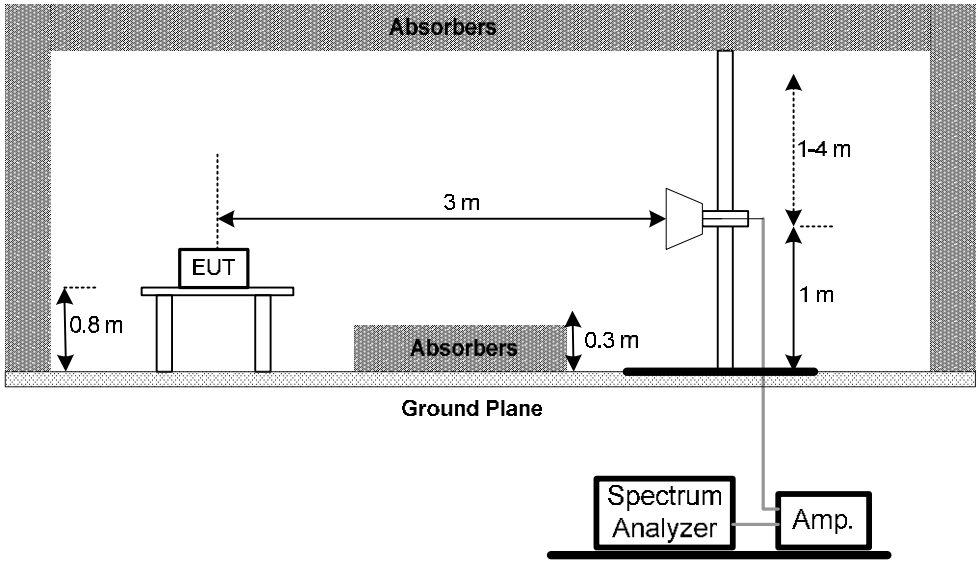
No deviation

4.2.4 TEST SETUP

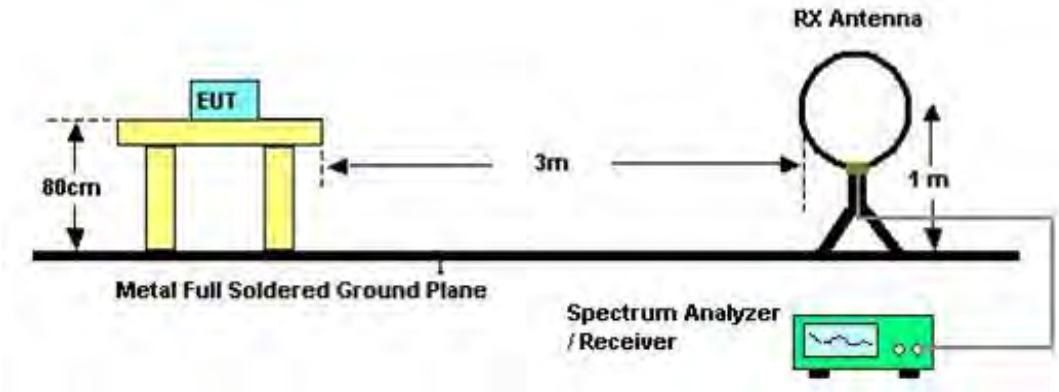
(A) Radiated Emission Test Set-Up Frequency30 - 1000MHz



(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: 55% 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
	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.

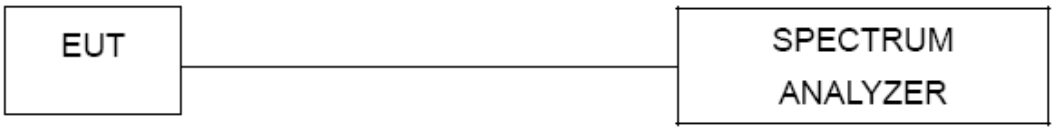
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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: 55% 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
	1 Watt (30dBm)	5725-5850	PASS

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. 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: 55% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27dBm/MHz	5150-5250	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27dBm/MHz beyond 10MHz of the band edge	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,

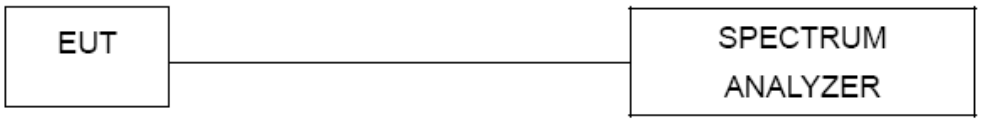
b.

Spectrum Parameter	Setting
Attenuation	Auto
RBW	1000kHz
VBW	1000kHz
Trace	Max Hold
Sweep Time	Auto

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: 55% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 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
	30dBm/500KHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

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

b.

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

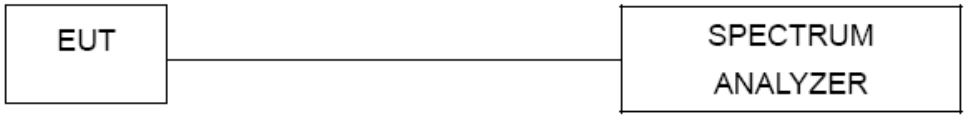
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01, 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.

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

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

8.1.4 EUT TEST CONDITIONS

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

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 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
		5725-5850	PASS

9.1.1 TEST PROCEDURE

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

b.

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

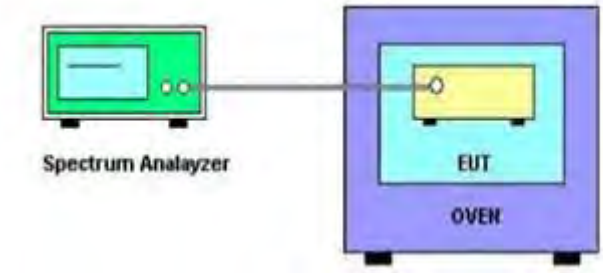
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~50°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 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.

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 29, 2015
2	LISN	R&S	ENV216	100087	Mar. 29, 2015
3	Test Cable	N/A	C_17	N/A	Mar. 14, 2015
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	Mar. 29, 2015
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 29, 2015
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 29, 2015
2	Amplifier	HP	8447D	2944A09673	Mar. 29, 2015
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 01, 2015
5	Controller	CT	SC100	N/A	N/A
6	Antenna	ETS	3115	00075789	Mar. 29, 2015
7	Amplifier	Agilent	8449B	3008A02274	Mar. 29, 2015
8	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
9	Test Cable	HUBER+SUHNER	C-48	N/A	Apr. 30, 2015
10	Controller	CT	SC100	N/A	N/A
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Feb. 22, 2015
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 22, 2015
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Mar. 29, 2015
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 10, 2015

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	Anritsu	ML2495A	1128008	Aug. 08, 2015
2	Power Meter Sensor	Anritsu	MA2411B	1126001	Aug. 08, 2015

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 10, 2015

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 10, 2015

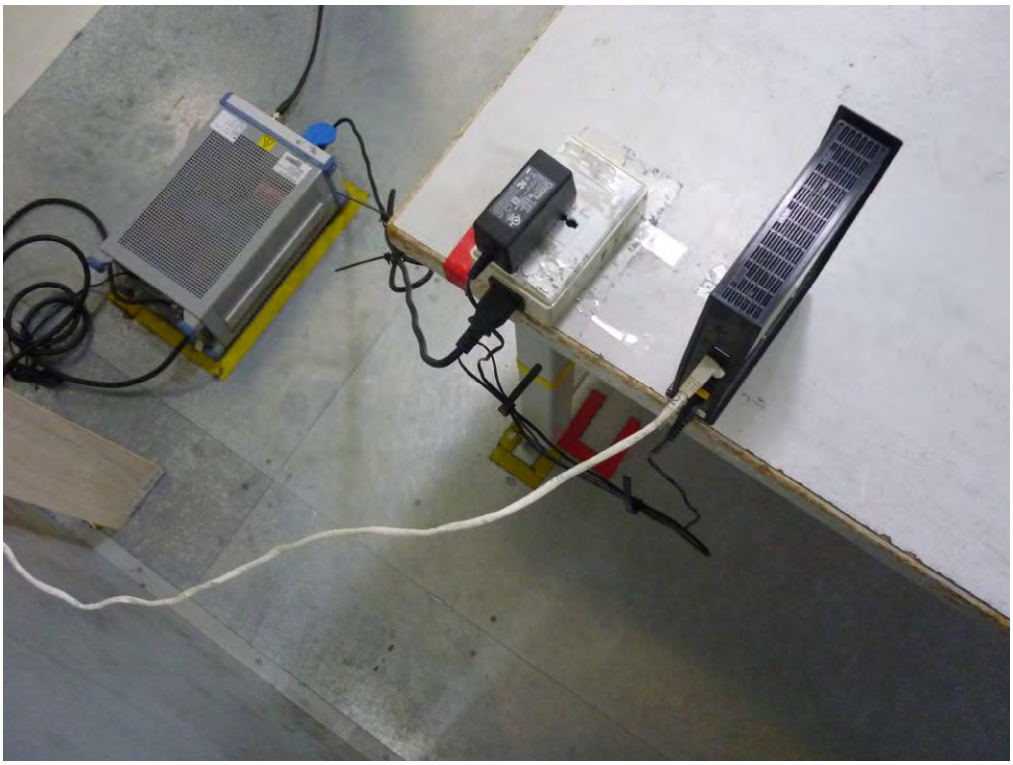
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 10, 2015
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May. 24, 2015

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

11. EUT TEST PHOTOS

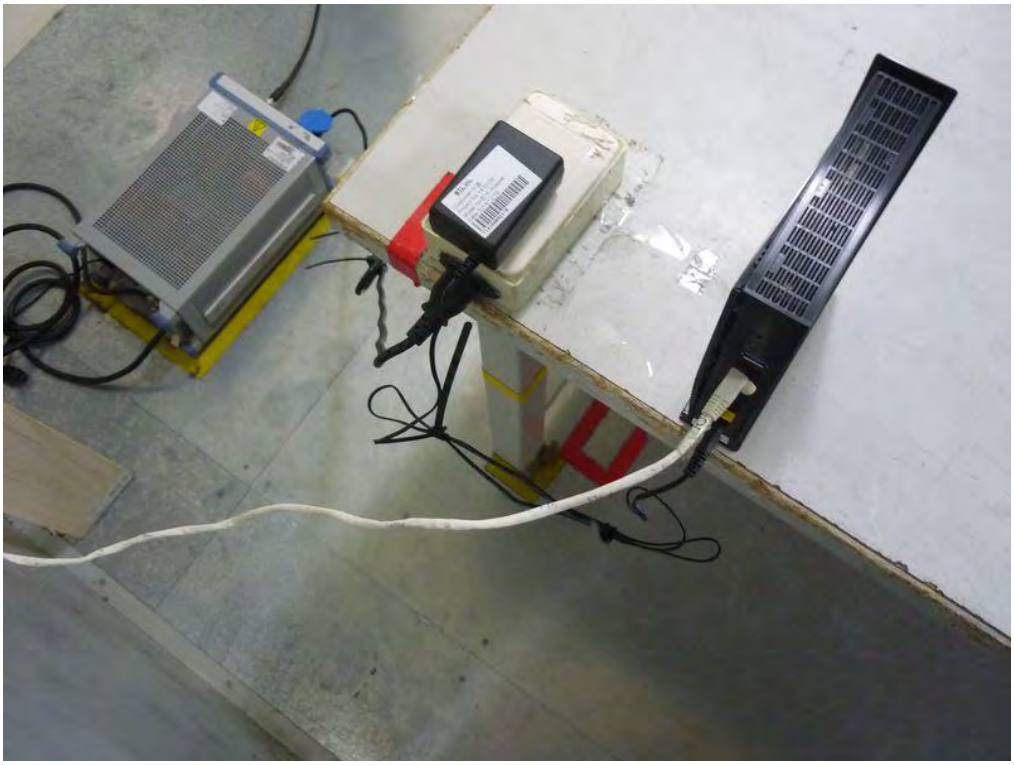
Conducted Measurement Photos

Chicony, W13-024N3A



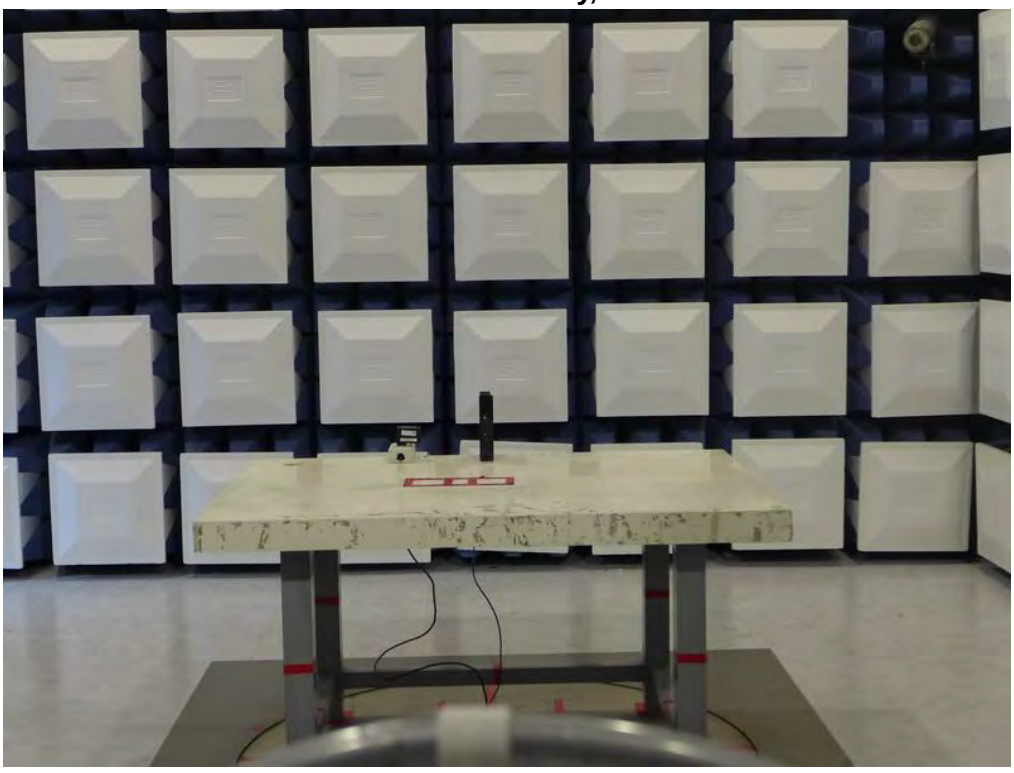
Conducted Measurement Photos

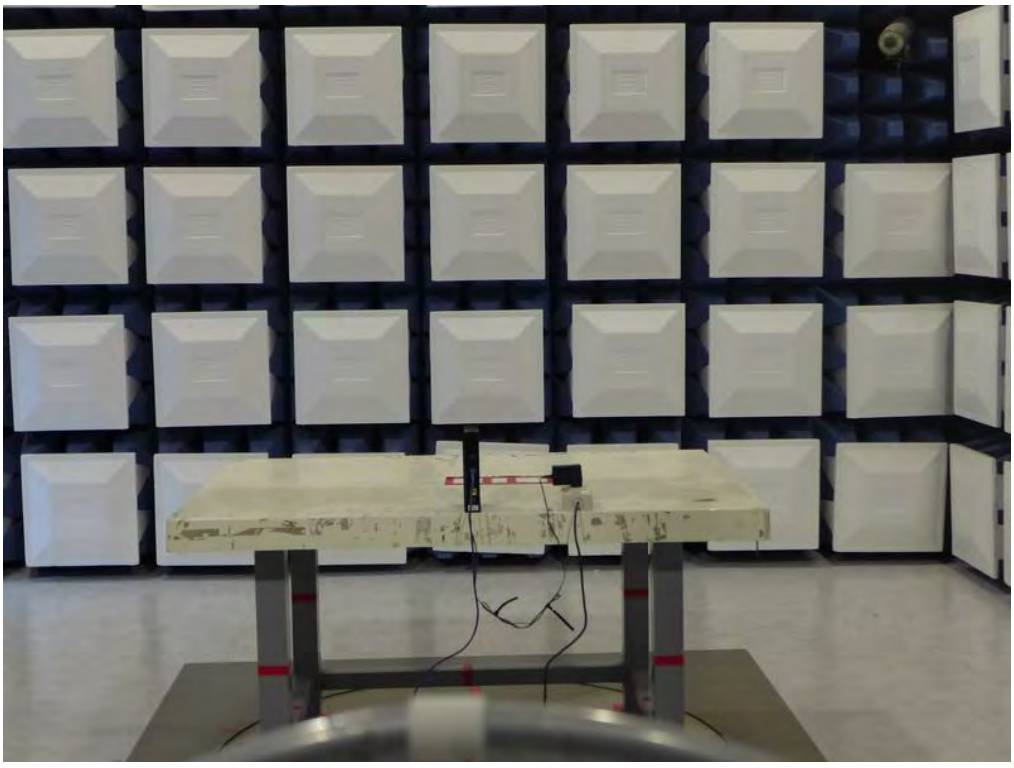
APD, WA-24I12FU



Radiated Measurement Photos

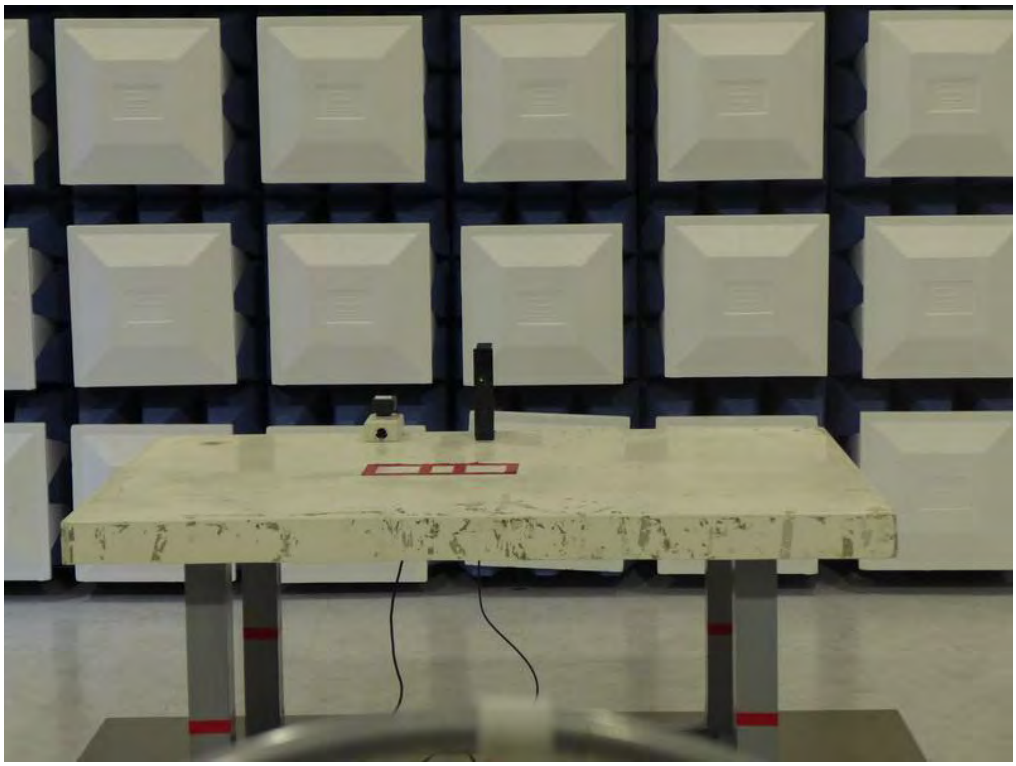
9kHz to 30MHz- Chicony, W13-024N3A

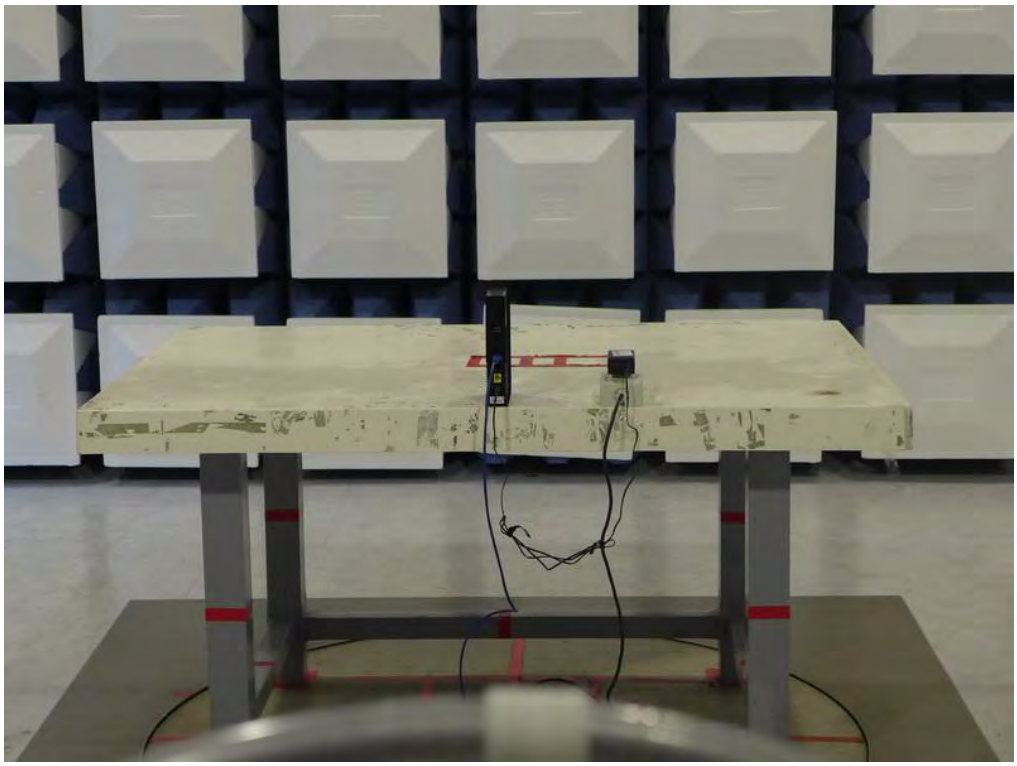




Radiated Measurement Photos

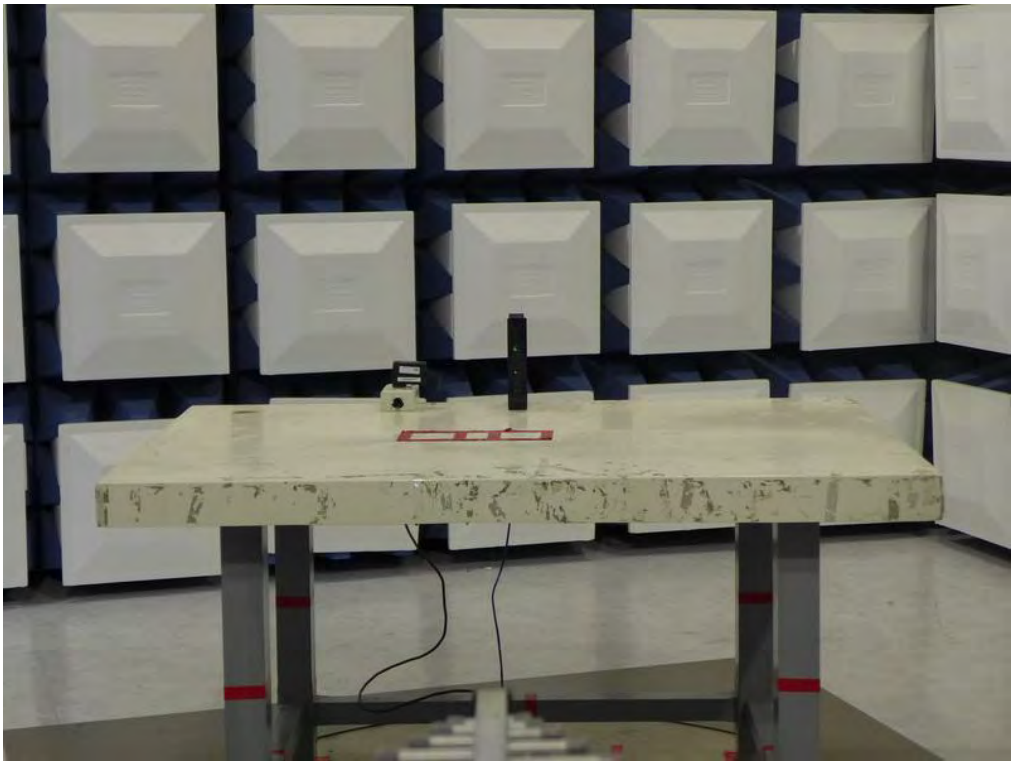
9kHz to 30MHz- APD, WA-24I12FU

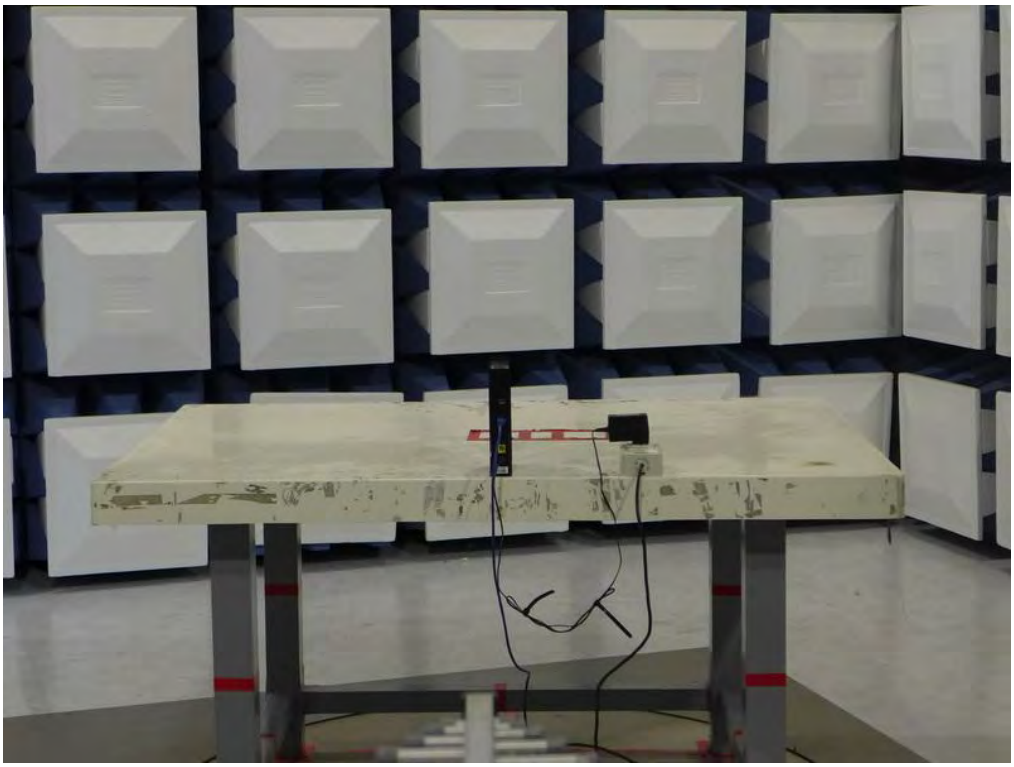




Radiated Measurement Photos

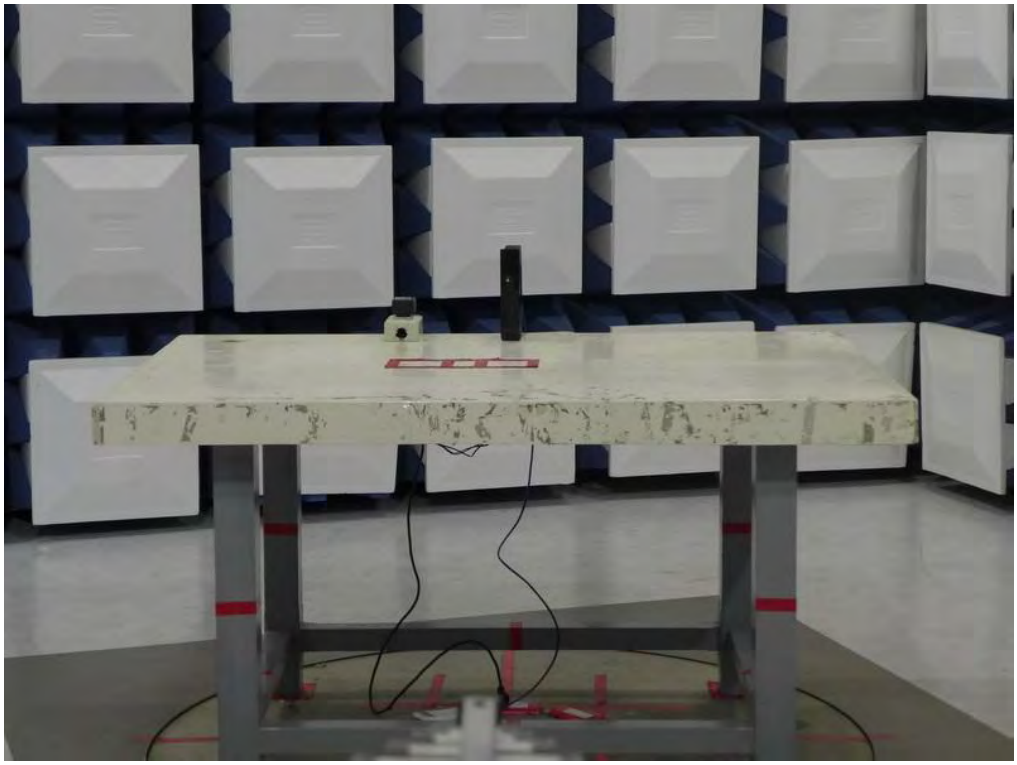
30MHz to 1000MHz- Chicony, W13-024N3A

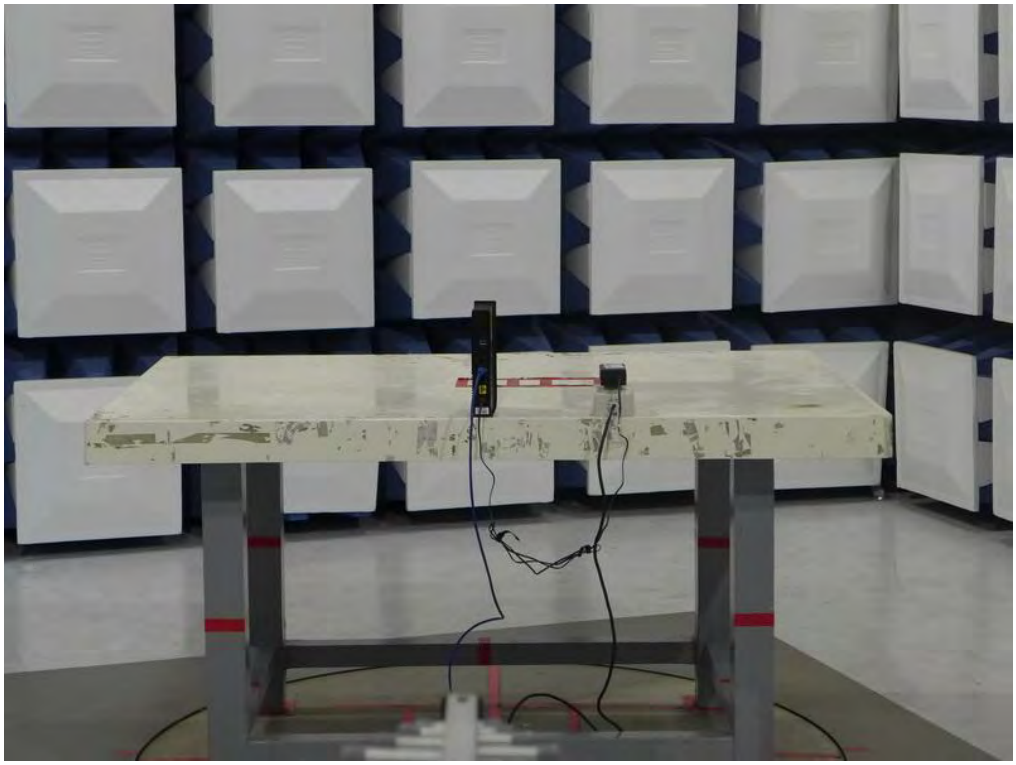




Radiated Measurement Photos

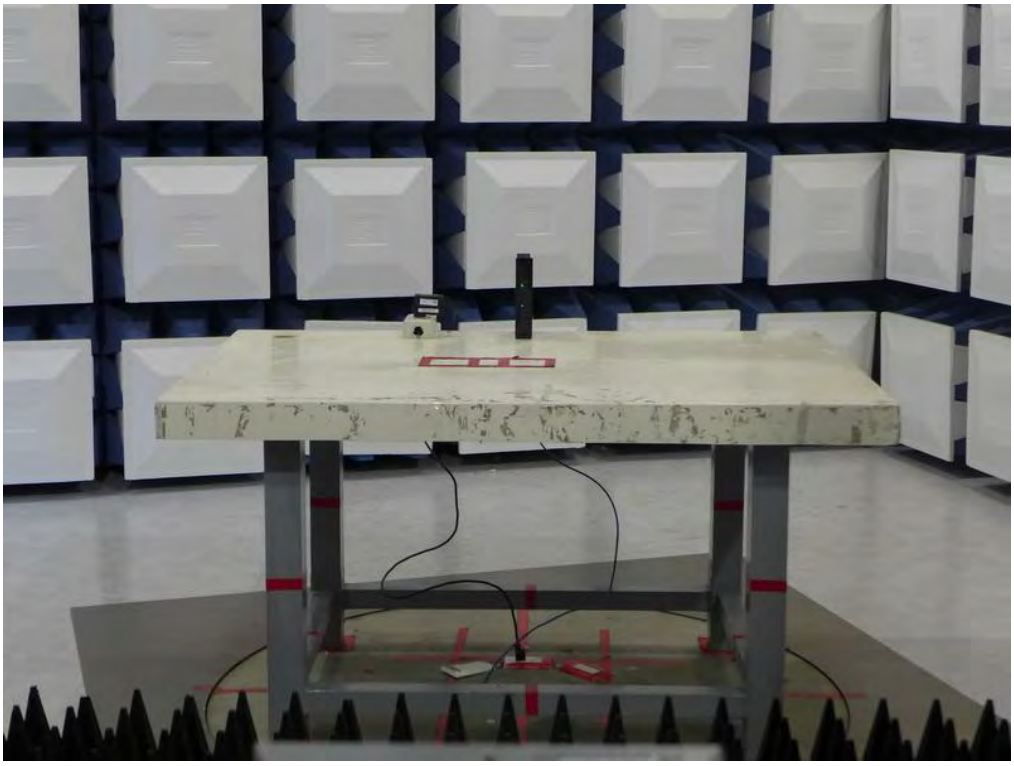
30MHz to 1000MHz- APD, WA-24I12FU

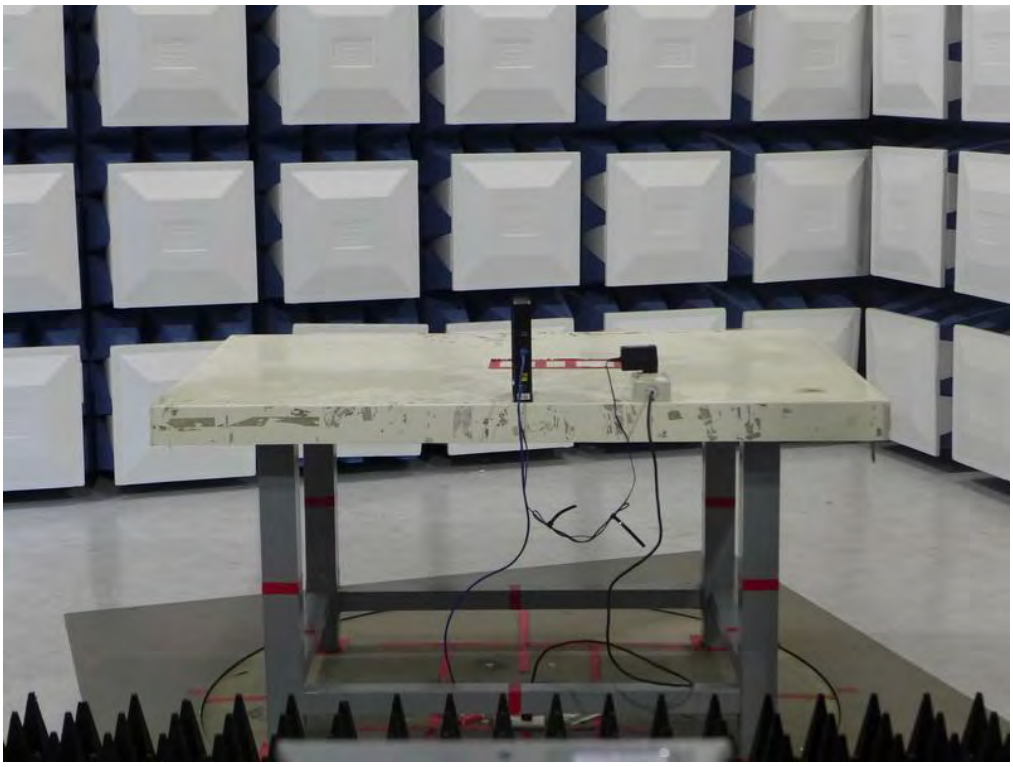




Radiated Measurement Photos

Above 1000MHz

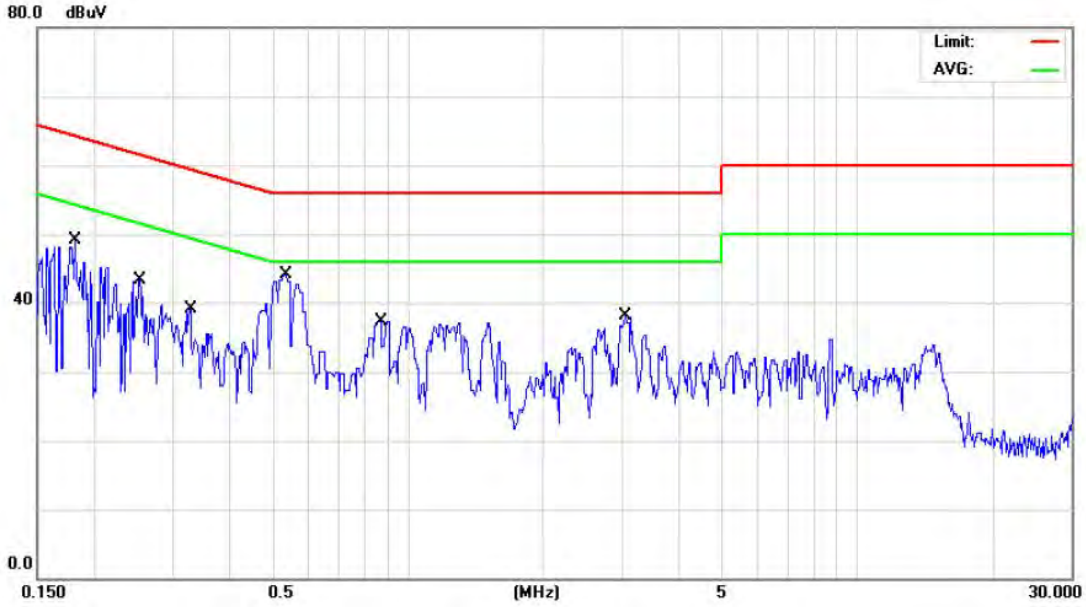




ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	TX MODE- Chicony, W13-024N3A

Line

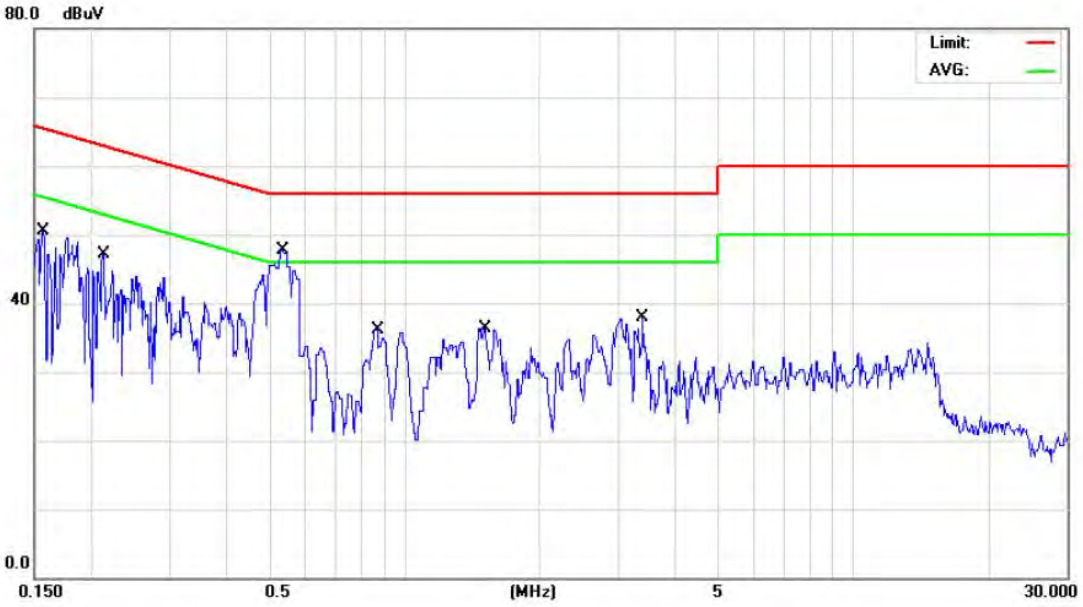


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1815	37.53	9.64	47.17	64.41	-17.24	QP	
2		0.1815	28.10	9.64	37.74	54.41	-16.67	AVG	
3		0.2522	33.34	9.64	42.98	61.68	-18.70	QP	
4		0.2522	23.40	9.64	33.04	51.68	-18.64	AVG	
5		0.3271	29.03	9.63	38.66	59.52	-20.86	QP	
6		0.3271	21.50	9.63	31.13	49.52	-18.39	AVG	
7		0.5360	36.04	9.62	45.66	56.00	-10.34	QP	
8	*	0.5360	27.80	9.62	37.42	46.00	-8.58	AVG	
9		0.8690	26.89	9.62	36.51	56.00	-19.49	QP	
10		0.8690	21.60	9.62	31.22	46.00	-14.78	AVG	
11		3.0560	27.46	9.65	37.11	56.00	-18.89	QP	
12		3.0560	15.81	9.65	25.46	46.00	-20.54	AVG	

Note：The test result has included the cable loss.

Test Mode :	TX MODE- Chicony, W13-024N3A

Neutral

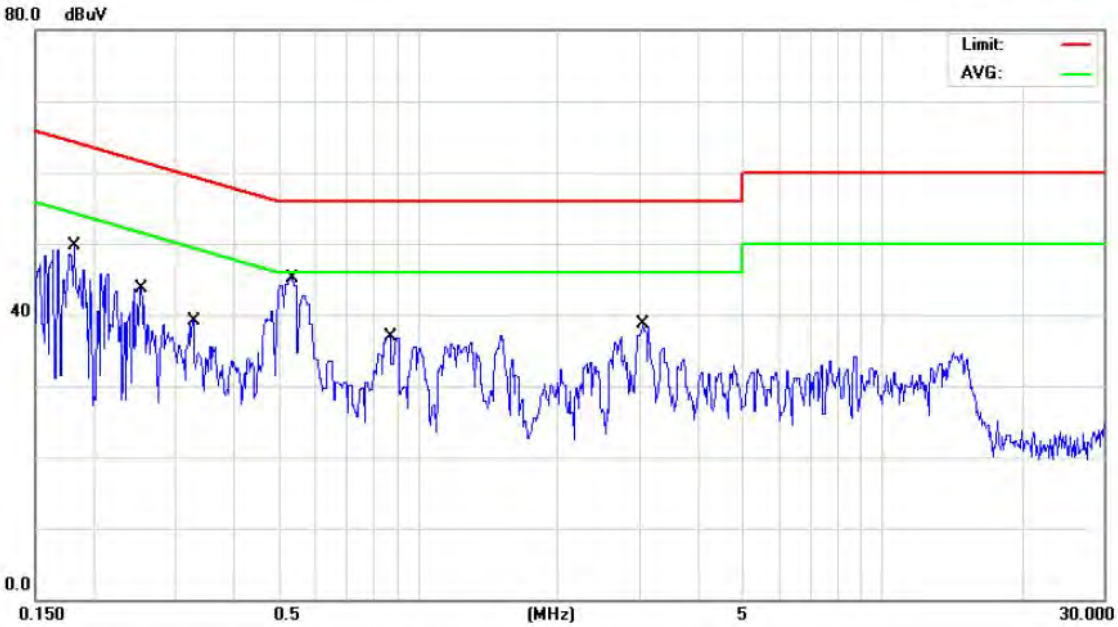


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1563	41.91	9.61	51.52	65.65	-14.13	QP	
2		0.1563	18.50	9.61	28.11	55.65	-27.54	AVG	
3		0.2130	37.75	9.64	47.39	63.08	-15.69	QP	
4		0.2130	23.26	9.64	32.90	53.08	-20.18	AVG	
5		0.5360	38.58	9.62	48.20	56.00	-7.80	QP	
6	*	0.5360	30.50	9.62	40.12	46.00	-5.88	AVG	
7		0.8690	26.30	9.61	35.91	56.00	-20.09	QP	
8		0.8690	20.40	9.61	30.01	46.00	-15.99	AVG	
9		1.5079	27.45	9.60	37.05	56.00	-18.95	QP	
10		1.5079	17.30	9.60	26.90	46.00	-19.10	AVG	
11		3.3980	27.18	9.66	36.84	56.00	-19.16	QP	
12		3.3980	17.30	9.66	26.96	46.00	-19.04	AVG	

Note：The test result has included the cable loss.

Test Mode :	TX MODE- APD, WA-24I12FU

Line

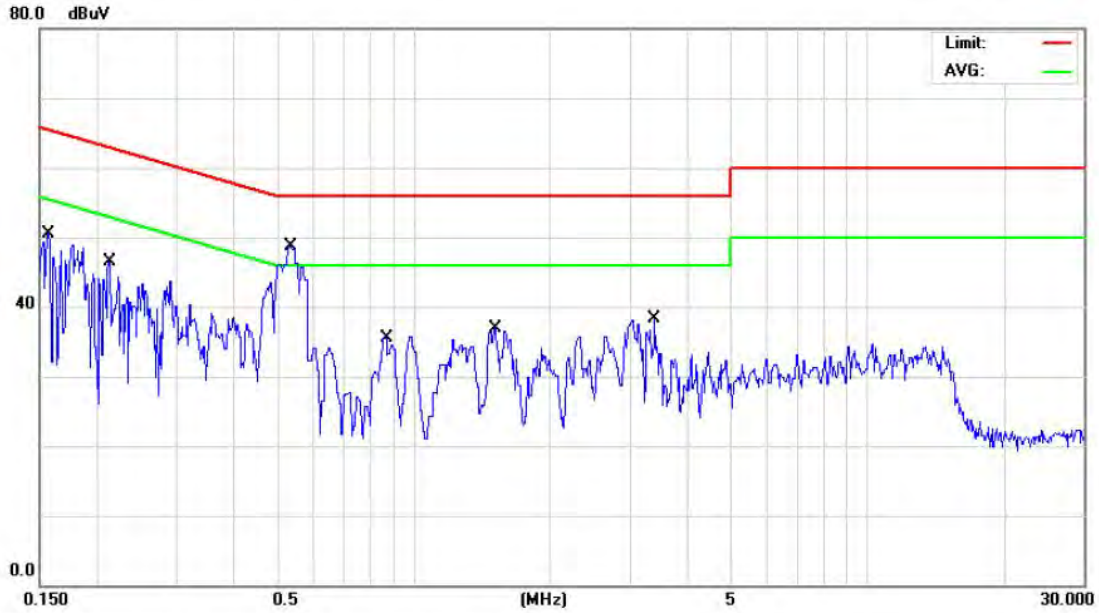


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1815	38.53	9.64	48.17	64.41	-16.24	QP	
2		0.1815	27.50	9.64	37.14	54.41	-17.27	AVG	
3		0.2522	33.44	9.64	43.08	61.68	-18.60	QP	
4		0.2522	23.40	9.64	33.04	51.68	-18.64	AVG	
5		0.3271	29.03	9.63	38.66	59.52	-20.86	QP	
6		0.3271	21.70	9.63	31.33	49.52	-18.19	AVG	
7		0.5360	35.04	9.62	44.66	56.00	-11.34	QP	
8	*	0.5360	27.30	9.62	36.92	46.00	-9.08	AVG	
9		0.8690	27.20	9.62	36.82	56.00	-19.18	QP	
10		0.8690	21.50	9.62	31.12	46.00	-14.88	AVG	
11		3.0560	27.46	9.65	37.11	56.00	-18.89	QP	
12		3.0560	15.81	9.65	25.46	46.00	-20.54	AVG	

Note：The test result has included the cable loss.

Test Mode :	TX MODE- APD, WA-24I12FU

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1563	41.31	9.61	50.92	65.65	-14.73	QP	
2		0.1563	20.10	9.61	29.71	55.65	-25.94	AVG	
3		0.2130	37.65	9.64	47.29	63.08	-15.79	QP	
4		0.2130	25.20	9.64	34.84	53.08	-18.24	AVG	
5		0.5360	38.48	9.62	48.10	56.00	-7.90	QP	
6	*	0.5360	31.33	9.62	40.95	46.00	-5.05	AVG	
7		0.8690	26.50	9.61	36.11	56.00	-19.89	QP	
8		0.8690	20.40	9.61	30.01	46.00	-15.99	AVG	
9		1.5079	26.70	9.60	36.30	56.00	-19.70	QP	
10		1.5079	17.80	9.60	27.40	46.00	-18.60	AVG	
11		3.3980	27.18	9.66	36.84	56.00	-19.16	QP	
12		3.3980	16.50	9.66	26.16	46.00	-19.84	AVG	

Note：The test result has included the cable loss.

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

Test Mode:	TX Mode- Chicony, W13-024N3A

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.2483	0°	46.85	11.42	58.27	79.70	-21.43	AVG
0.2483	0°	55.21	11.42	66.63	99.70	-33.07	PK
0.2880	0°	38.64	11.17	49.81	78.42	-28.60	AVG
0.2880	0°	46.39	11.17	57.56	98.42	-40.85	PK
0.3960	0°	40.52	11.16	51.68	75.65	-23.98	AVG
0.3960	0°	49.98	11.16	61.14	95.65	-34.52	PK
0.4410	0°	42.11	11.18	53.29	74.72	-21.42	AVG
0.4410	0°	53.28	11.18	64.46	94.72	-30.25	PK
1.1280	0°	41.39	11.46	52.85	66.56	-13.71	QP
1.3910	0°	40.27	11.54	51.81	64.74	-12.93	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.2491	90°	45.68	11.42	57.10	79.68	-22.58	AVG
0.2491	90°	54.78	11.42	66.20	99.68	-33.48	PK
0.2930	90°	39.22	11.14	50.36	78.27	-27.91	AVG
0.2930	90°	45.69	11.14	56.83	98.27	-41.44	PK
0.3940	90°	40.25	11.15	51.40	75.69	-24.29	AVG
0.3940	90°	53.14	11.15	64.29	95.69	-31.40	PK
0.4450	90°	40.66	11.19	51.85	74.64	-22.79	AVG
0.4450	90°	52.48	11.19	63.67	94.64	-30.97	PK
1.1280	90°	45.36	11.46	56.82	66.56	-9.74	QP
1.2540	90°	41.88	11.50	53.38	65.64	-12.26	QP

Test Mode:	TX Mode- APD, WA-24I12FU

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.2479	0°	46.88	11.43	58.31	79.72	-21.41	AVG
0.2479	0°	54.69	11.43	66.12	99.72	-33.60	PK
0.2860	0°	39.24	11.18	50.42	78.48	-28.05	AVG
0.2860	0°	46.77	11.18	57.95	98.48	-40.52	PK
0.3910	0°	40.38	11.15	51.53	75.76	-24.23	AVG
0.3910	0°	49.52	11.15	60.67	95.76	-35.09	PK
0.4400	0°	42.21	11.18	53.39	74.74	-21.34	AVG
0.4400	0°	53.44	11.18	64.62	94.74	-30.11	PK
1.1260	0°	41.88	11.46	53.34	66.57	-13.24	QP
1.4210	0°	40.29	11.55	51.84	64.55	-12.72	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.2486	90°	45.77	11.42	57.19	79.69	-22.50	AVG
0.2486	90°	54.03	11.42	65.45	99.69	-34.24	PK
0.2930	90°	39.65	11.14	50.79	78.27	-27.48	AVG
0.2930	90°	45.27	11.14	56.41	98.27	-41.86	PK
0.3930	90°	40.11	11.15	51.26	75.72	-24.45	AVG
0.3930	90°	53.28	11.15	64.43	95.72	-31.28	PK
0.4410	90°	40.78	11.18	51.96	74.72	-22.75	AVG
0.4410	90°	52.42	11.18	63.60	94.72	-31.11	PK
1.1260	90°	45.69	11.46	57.15	66.57	-9.43	QP
1.2580	90°	41.35	11.50	52.85	65.61	-12.76	QP

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

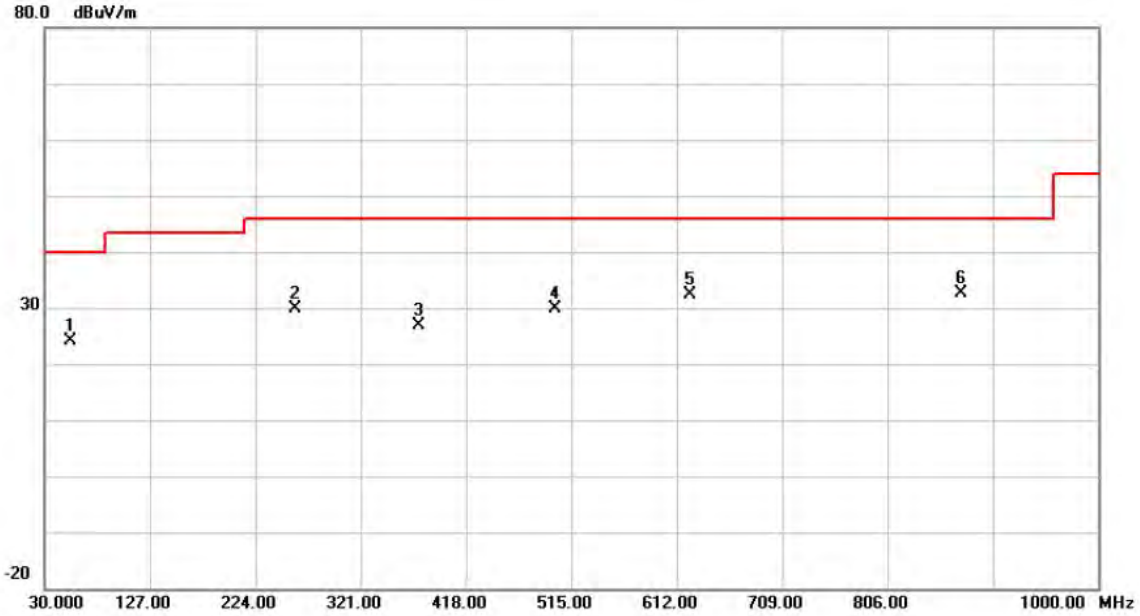
Test Mode:	UNII-1/TX A Mode 5200MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	54.2500	51.34	-14.14	37.20	40.00	-2.80	peak	
2		260.3750	42.82	-14.54	28.28	46.00	-17.72	peak	
3		374.3500	41.60	-11.74	29.86	46.00	-16.14	peak	
4		500.4500	40.88	-9.30	31.58	46.00	-14.42	peak	
5		624.1250	41.24	-7.19	34.05	46.00	-11.95	peak	
6		873.9000	37.24	-3.36	33.88	46.00	-12.12	peak	

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

Horizontal

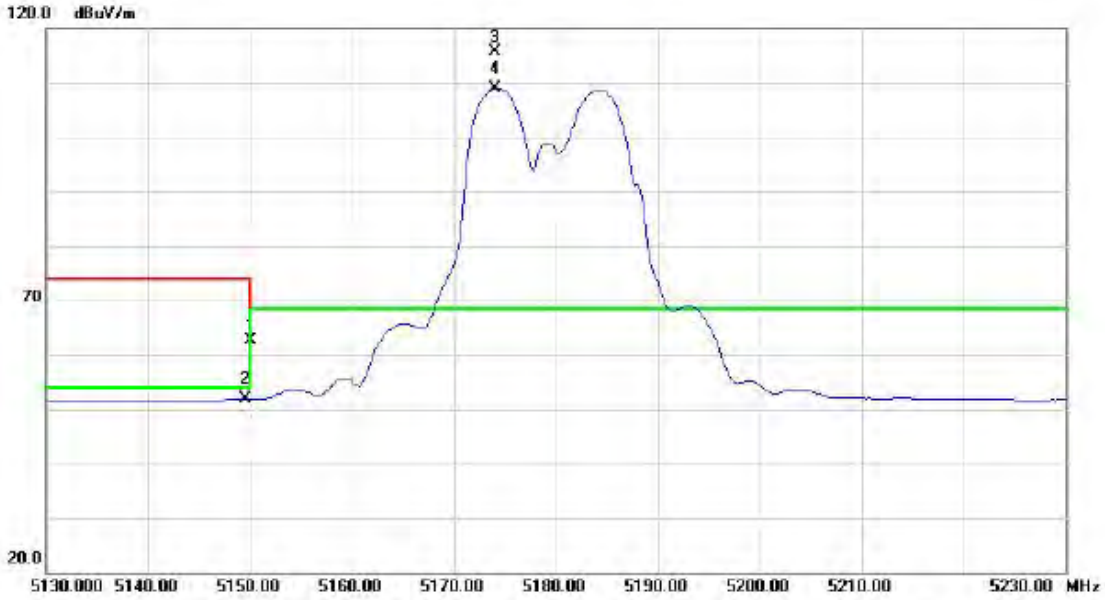


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		54.2500	38.24	-14.14	24.10	40.00	-15.90	peak	
2		260.3750	44.51	-14.54	29.97	46.00	-16.03	peak	
3		374.3500	38.58	-11.74	26.84	46.00	-19.16	peak	
4		500.4500	39.26	-9.30	29.96	46.00	-16.04	peak	
5		624.1250	39.48	-7.19	32.29	46.00	-13.71	peak	
6	*	873.9000	35.90	-3.36	32.54	46.00	-13.46	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

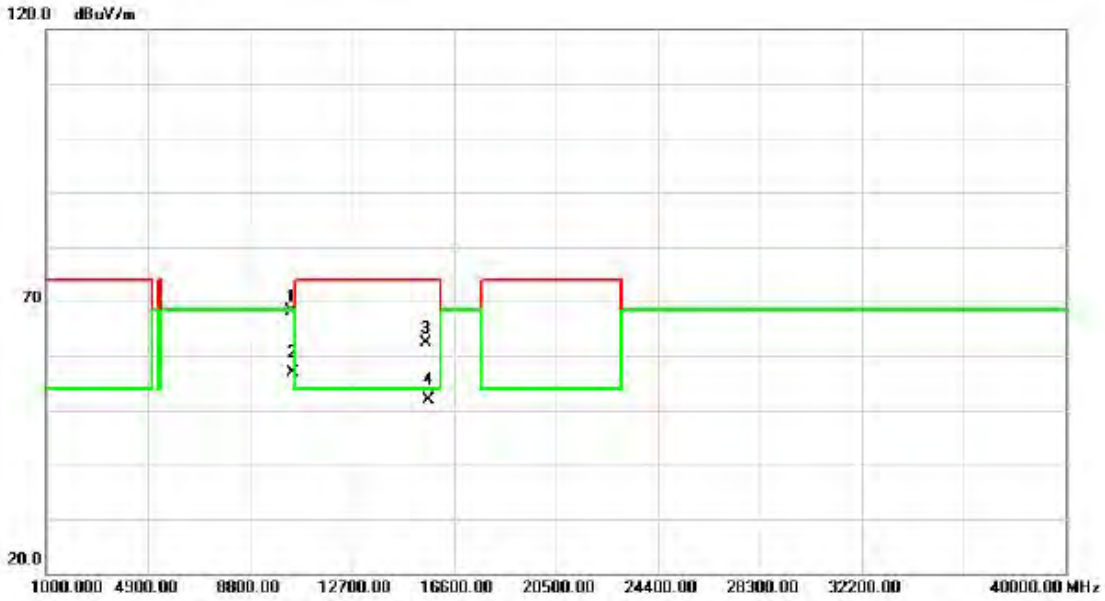
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.92	37.74	62.66	68.30	-5.64	peak	
2		5150.000	14.22	37.74	51.96	54.00	-2.04	AVG	
3	*	5174.000	77.85	37.82	115.67	68.30	47.37	peak	No Limit
4	X	5174.000	71.03	37.82	108.85	68.30	40.55	AVG	No Limit

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

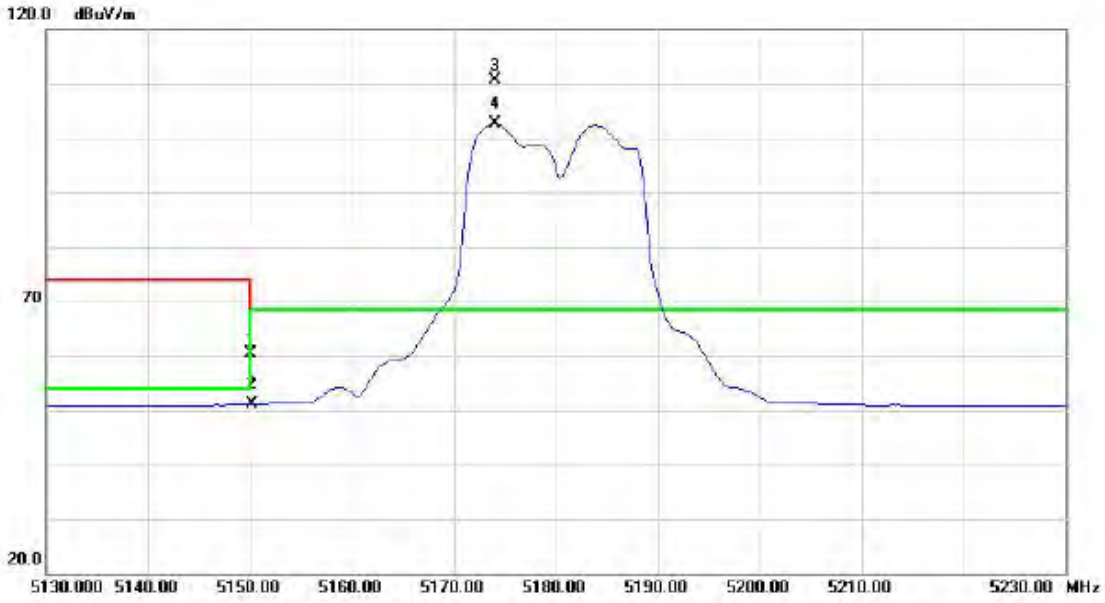
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10361.75	50.41	17.74	68.15	68.30	-0.15	peak	
2		10361.75	39.23	17.74	56.97	68.30	-11.33	AVG	
3		15541.30	43.03	19.30	62.33	74.00	-11.67	peak	
4		15541.30	32.62	19.30	51.92	54.00	-2.08	AVG	

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

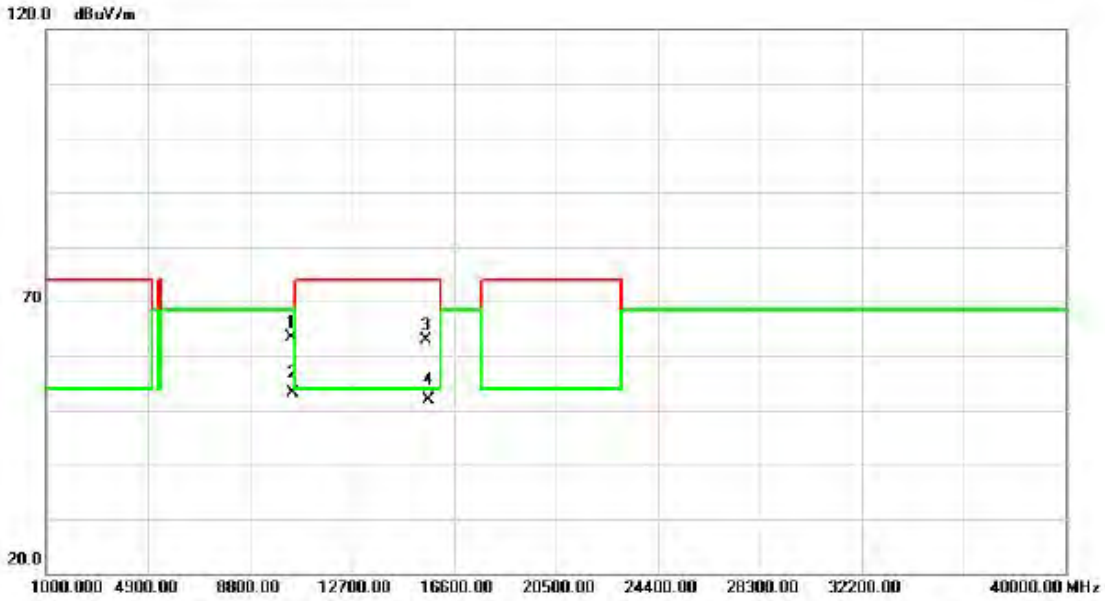
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	22.65	37.74	60.39	68.30	-7.91	peak	
2		5150.000	13.32	37.74	51.06	54.00	-2.94	AVG	
3	*	5174.000	72.70	37.82	110.52	68.30	42.22	peak	No Limit
4	X	5174.000	64.69	37.82	102.51	68.30	34.21	AVG	No Limit

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

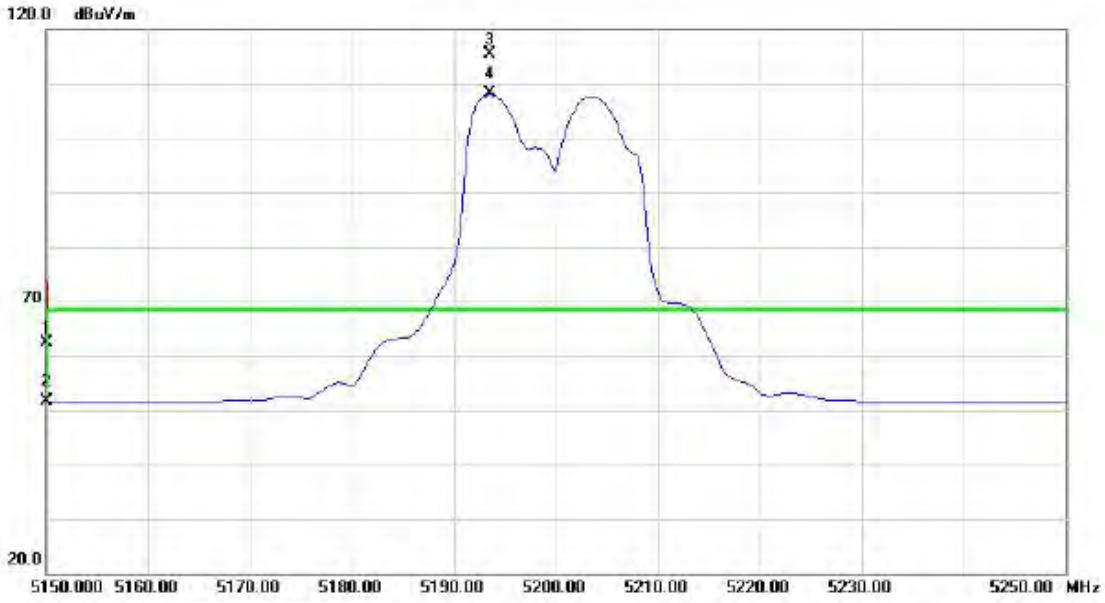
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10361.15	45.74	17.74	63.48	68.30	-4.82	peak	
2		10361.15	35.49	17.74	53.23	68.30	-15.07	AVG	
3		15540.10	43.62	19.30	62.92	74.00	-11.08	peak	
4	*	15540.10	32.66	19.30	51.96	54.00	-2.04	AVG	

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

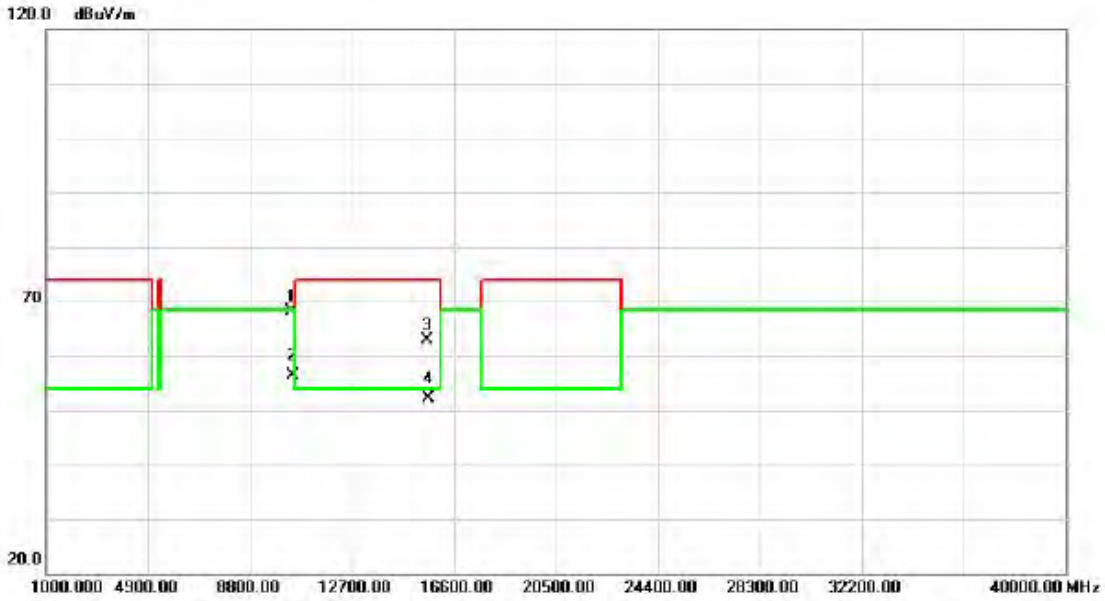
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.56	37.74	62.30	68.30	-6.00	peak	
2		5150.000	13.89	37.74	51.63	54.00	-2.37	AVG	
3	*	5193.500	77.52	37.89	115.41	68.30	47.11	peak	No Limit
4	X	5193.500	70.13	37.89	108.02	68.30	39.72	AVG	No Limit

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

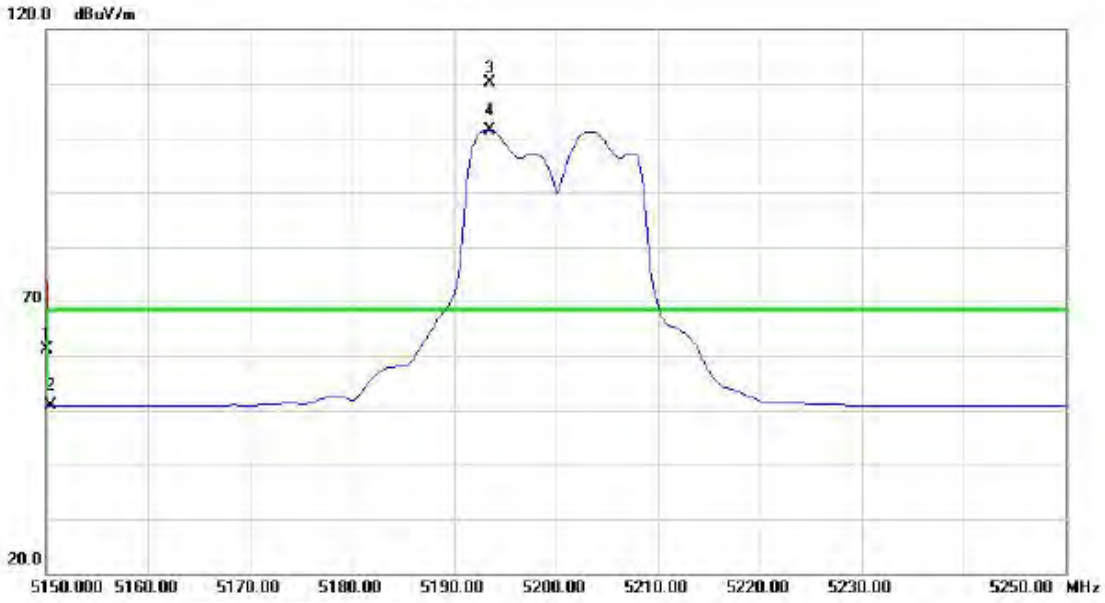
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10402.07	50.10	17.93	68.03	68.30	-0.27	peak	
2		10402.07	38.40	17.93	56.33	68.30	-11.97	AVG	
3		15600.96	43.47	19.32	62.79	74.00	-11.21	peak	
4		15600.96	32.70	19.32	52.02	54.00	-1.98	AVG	

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

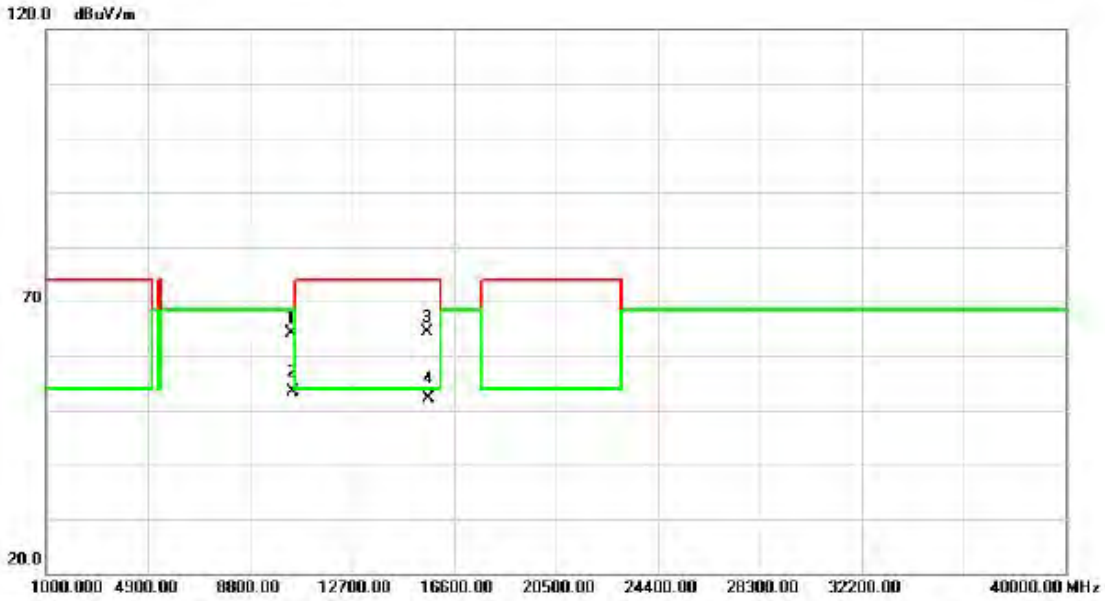
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	23.36	37.74	61.10	68.30	-7.20	peak	
2		5150.000	13.14	37.74	50.88	54.00	-3.12	AVG	
3	*	5193.500	72.20	37.89	110.09	68.30	41.79	peak	No Limit
4	X	5193.500	63.59	37.89	101.48	68.30	33.18	AVG	No Limit

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

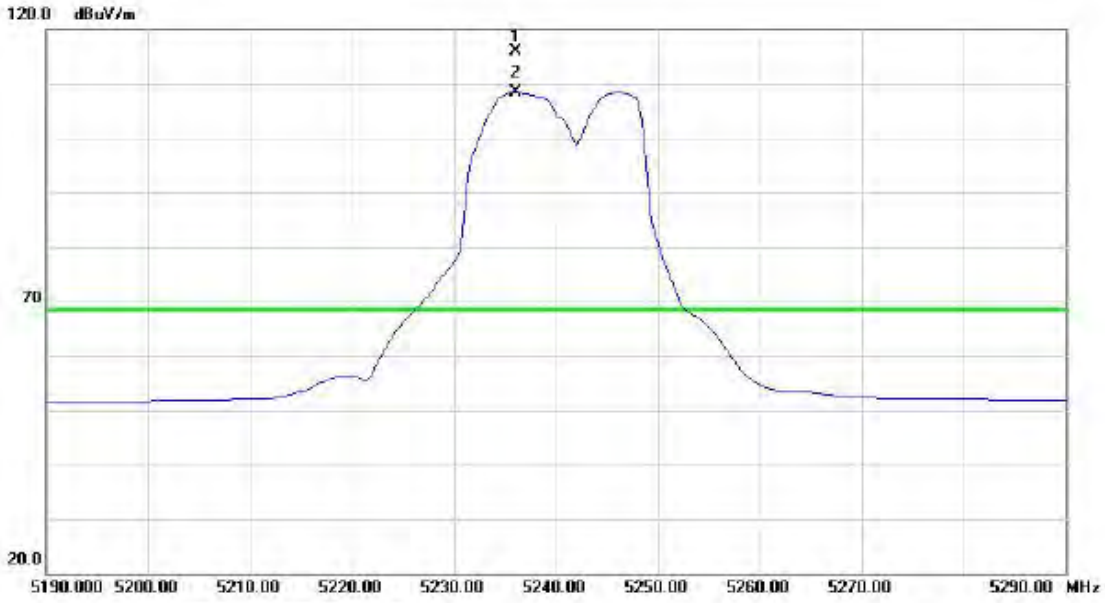
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10400.70	46.21	17.92	64.13	68.30	-4.17	peak	
2		10400.70	35.40	17.92	53.32	68.30	-14.98	AVG	
3		15602.13	45.01	19.32	64.33	74.00	-9.67	peak	
4	*	15602.13	32.78	19.32	52.10	54.00	-1.90	AVG	

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

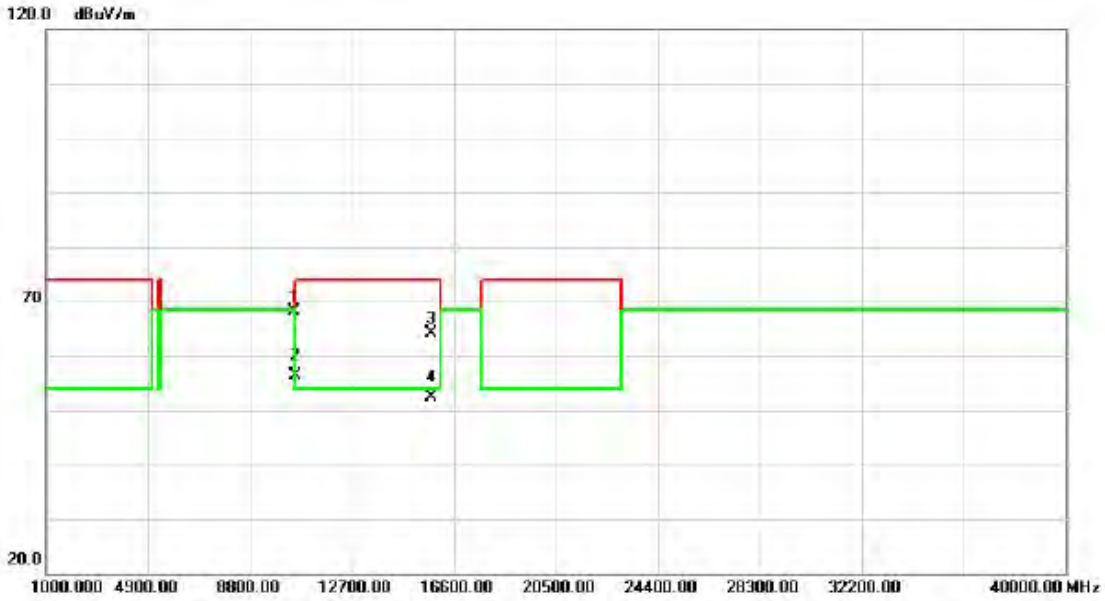
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5236.000	77.82	38.03	115.85	68.30	47.55	peak	No Limit
2	X	5236.000	70.40	38.03	108.43	68.30	40.13	AVG	No Limit

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

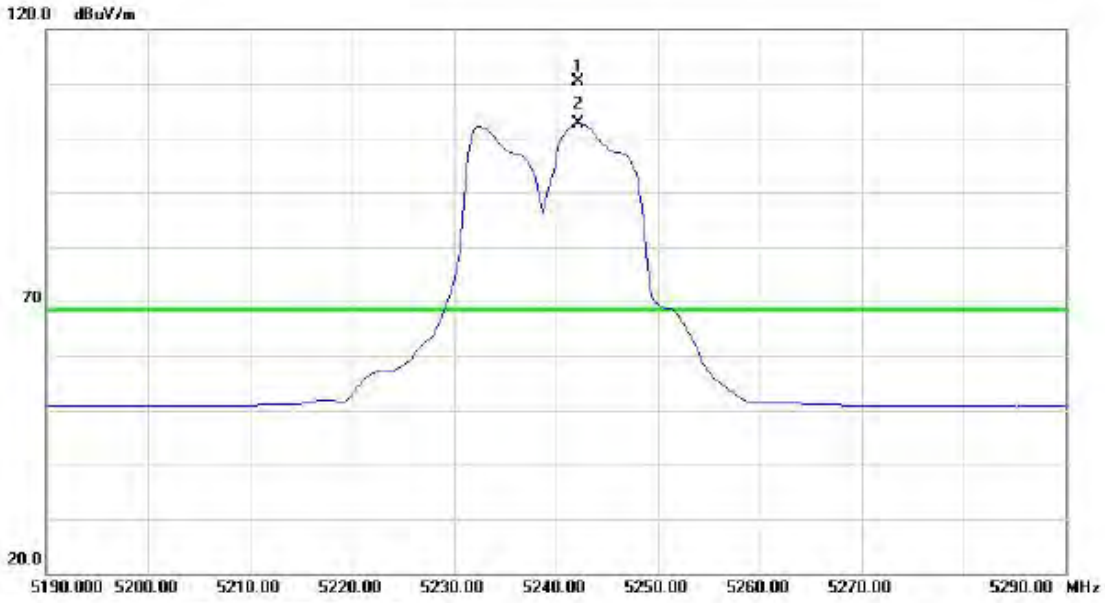
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.75	49.80	18.29	68.09	68.30	-0.21	peak	
2		10480.75	37.98	18.29	56.27	68.30	-12.03	AVG	
3		15721.38	44.72	19.37	64.09	74.00	-9.91	peak	
4		15721.38	33.10	19.37	52.47	54.00	-1.53	AVG	

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

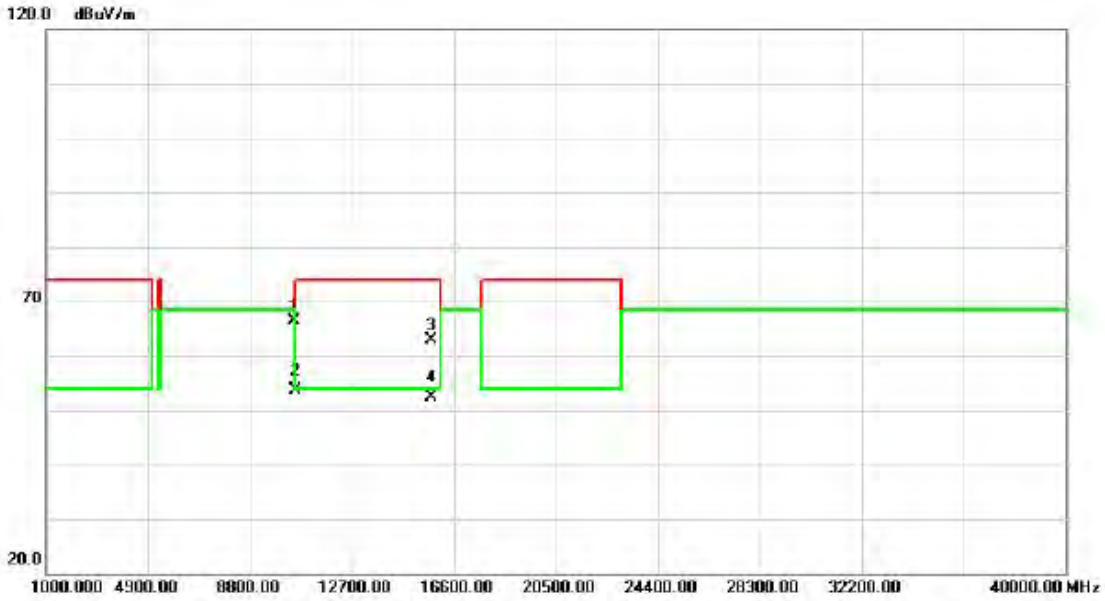
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5242.250	72.25	38.06	110.31	68.30	42.01	peak	No Limit
2	X	5242.250	64.55	38.06	102.61	68.30	34.31	AVG	No Limit

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

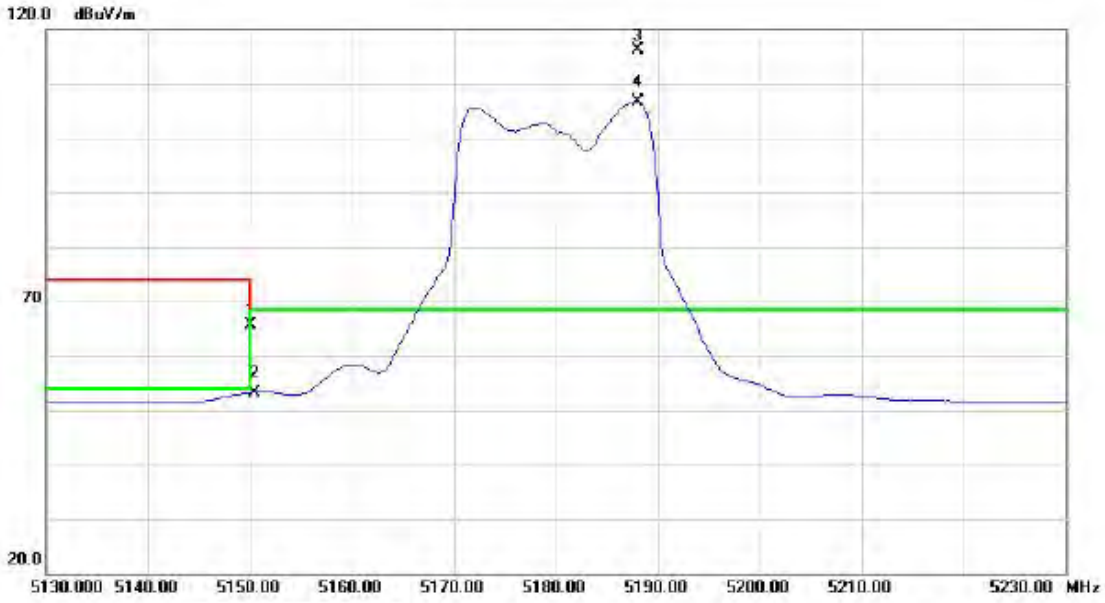
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10480.75	48.10	18.29	66.39	68.30	-1.91	peak	
2		10480.75	35.28	18.29	53.57	68.30	-14.73	AVG	
3		15721.88	43.47	19.37	62.84	74.00	-11.16	peak	
4	*	15721.88	33.02	19.37	52.39	54.00	-1.61	AVG	

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

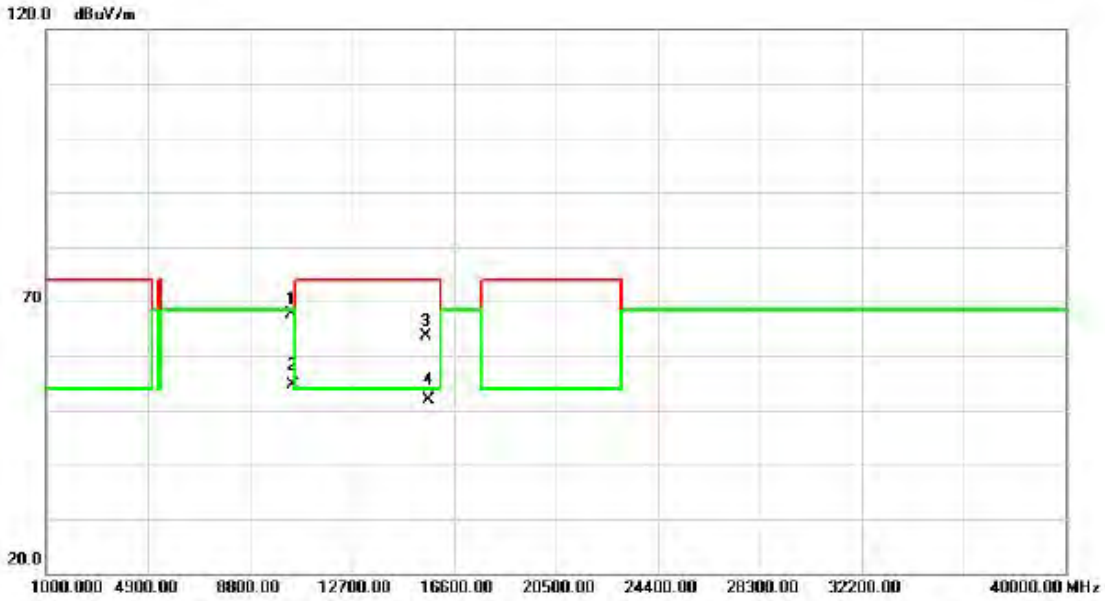
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	27.80	37.74	65.54	68.30	-2.76	peak	
2		5150.000	15.48	37.74	53.22	54.00	-0.78	AVG	
3	*	5188.000	78.33	37.87	116.20	68.30	47.90	peak	No Limit
4	X	5188.000	68.80	37.87	106.67	68.30	38.37	AVG	No Limit

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

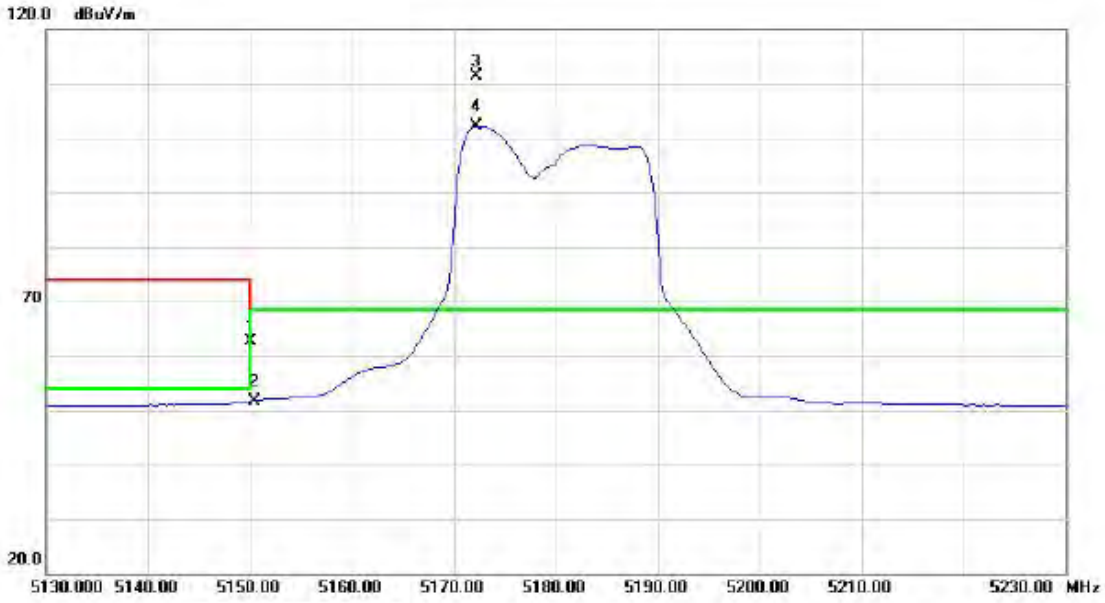
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10362.75	49.95	17.75	67.70	68.30	-0.60	peak	
2		10362.75	36.81	17.75	54.56	68.30	-13.74	AVG	
3		15540.55	44.27	19.30	63.57	74.00	-10.43	peak	
4		15540.55	32.70	19.30	52.00	54.00	-2.00	AVG	

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

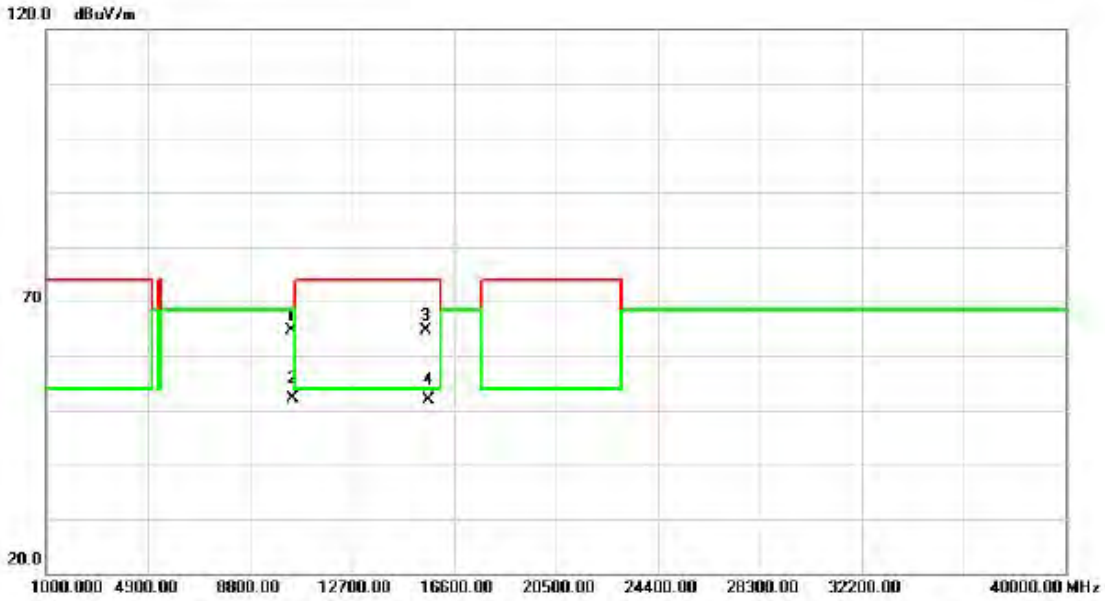
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.86	37.74	62.60	68.30	-5.70	peak	
2		5150.000	13.92	37.74	51.66	54.00	-2.34	AVG	
3	*	5172.250	73.52	37.82	111.34	68.30	43.04	peak	No Limit
4	X	5172.250	64.33	37.82	102.15	68.30	33.85	AVG	No Limit

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

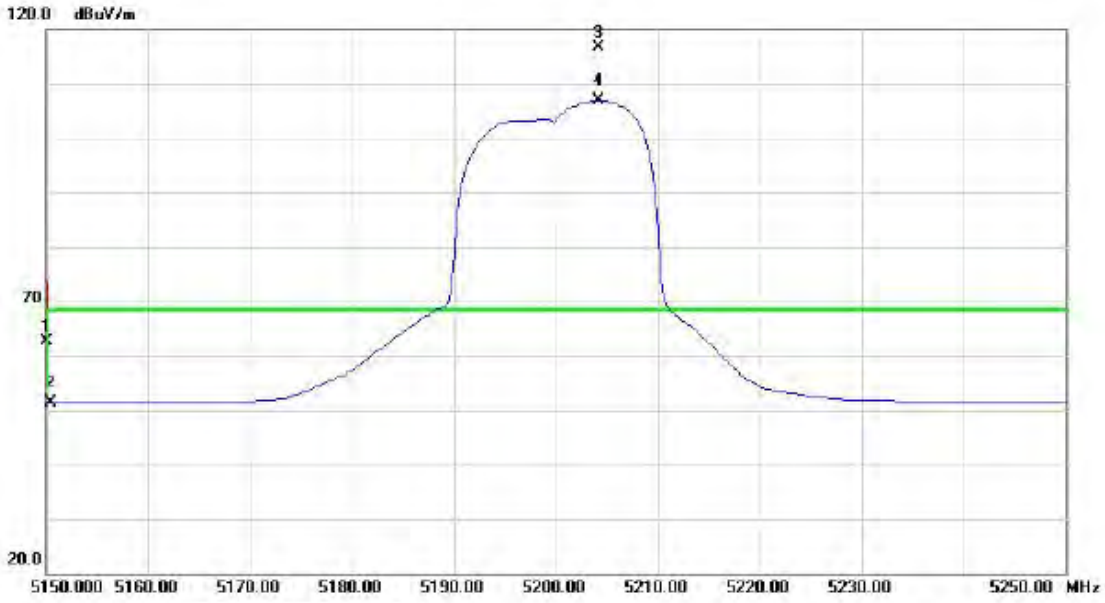
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10362.22	47.01	17.74	64.75	68.30	-3.55	peak	
2		10362.22	34.40	17.74	52.14	68.30	-16.16	AVG	
3		15537.25	45.42	19.30	64.72	74.00	-9.28	peak	
4	*	15537.25	32.69	19.30	51.99	54.00	-2.01	AVG	

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

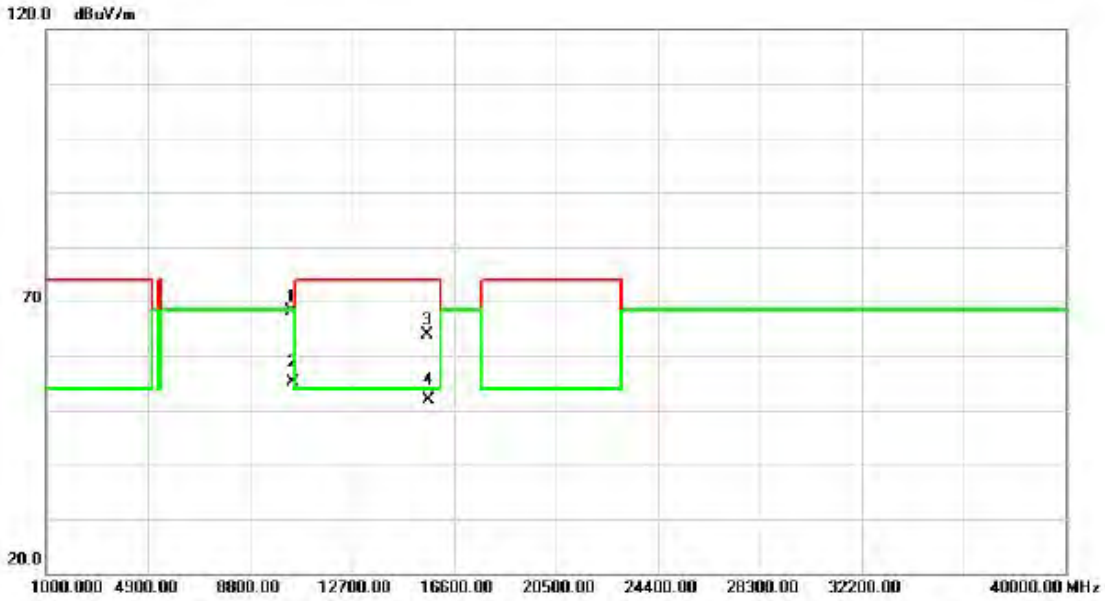
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.80	37.74	62.54	68.30	-5.76	peak	
2		5150.000	13.63	37.74	51.37	54.00	-2.63	AVG	
3	*	5204.250	78.59	37.93	116.52	68.30	48.22	peak	No Limit
4	X	5204.250	68.95	37.93	106.88	68.30	38.58	AVG	No Limit

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

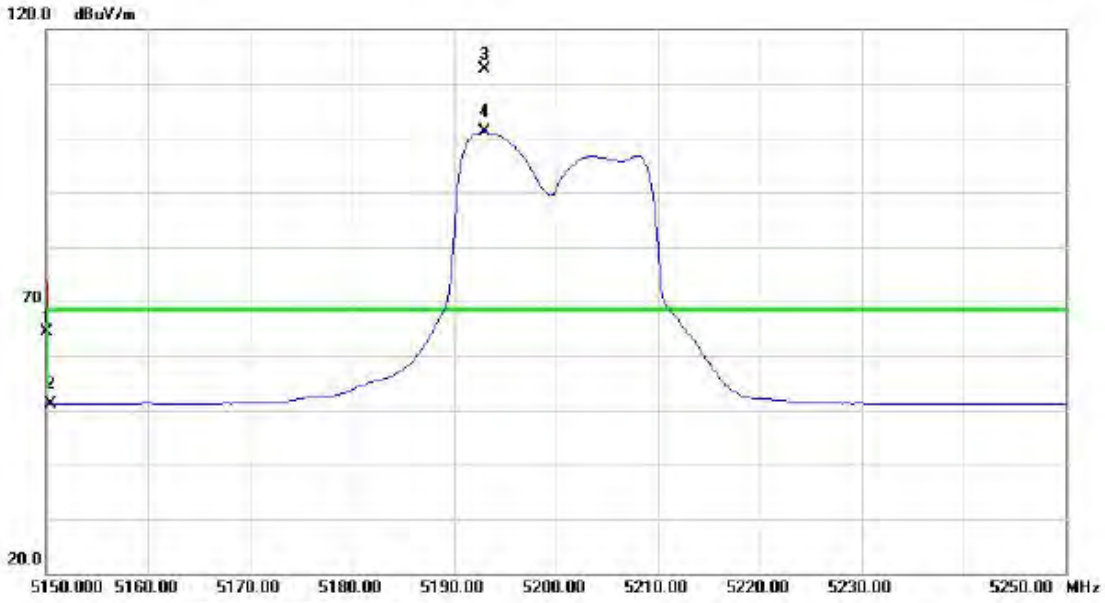
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10403.30	50.20	17.94	68.14	68.30	-0.16	peak	
2		10403.30	37.25	17.94	55.19	68.30	-13.11	AVG	
3		15601.42	44.56	19.32	63.88	74.00	-10.12	peak	
4		15601.42	32.53	19.32	51.85	54.00	-2.15	AVG	

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

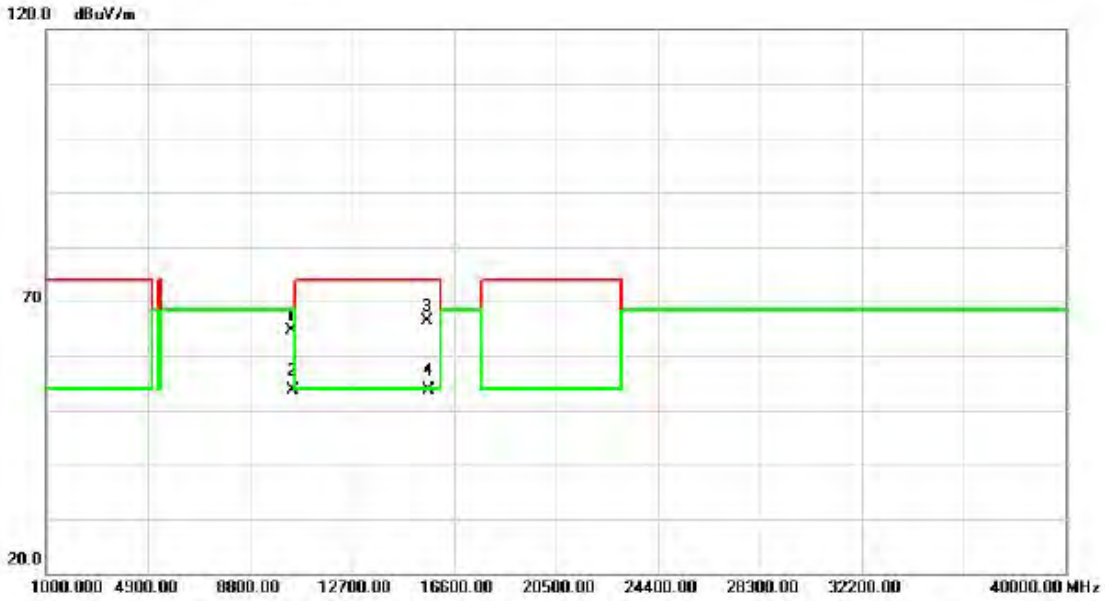
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	26.54	37.74	64.28	68.30	-4.02	peak	
2		5150.000	13.38	37.74	51.12	54.00	-2.88	AVG	
3	*	5193.000	74.81	37.89	112.70	68.30	44.40	peak	No Limit
4	X	5193.000	63.13	37.89	101.02	68.30	32.72	AVG	No Limit

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

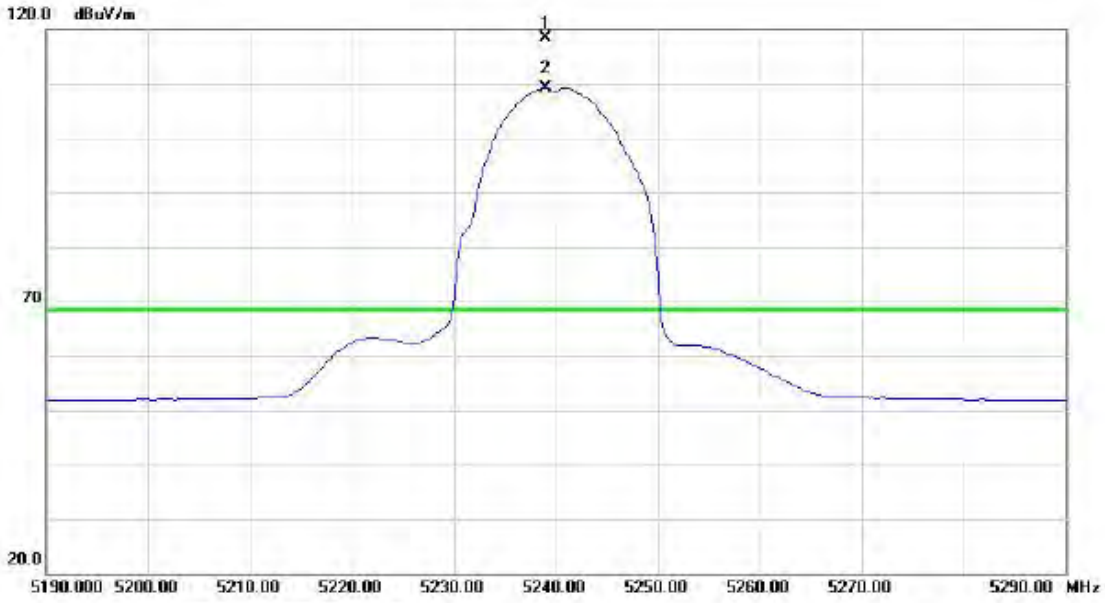
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10402.87	46.76	17.94	64.70	68.30	-3.60	peak	
2		10402.87	35.69	17.94	53.63	68.30	-14.67	AVG	
3		15601.87	47.15	19.32	66.47	74.00	-7.53	peak	
4	*	15601.87	34.23	19.32	53.55	54.00	-0.45	AVG	

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

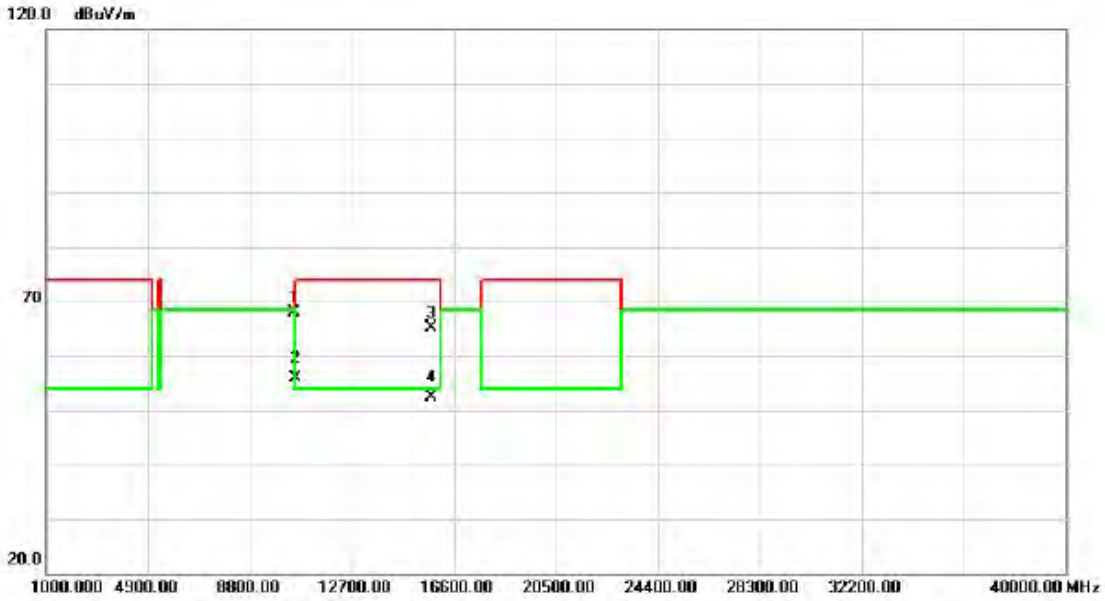
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5239.000	80.45	38.05	118.50	68.30	50.20	peak	No Limit
2	X	5239.000	71.12	38.05	109.17	68.30	40.87	AVG	No Limit

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

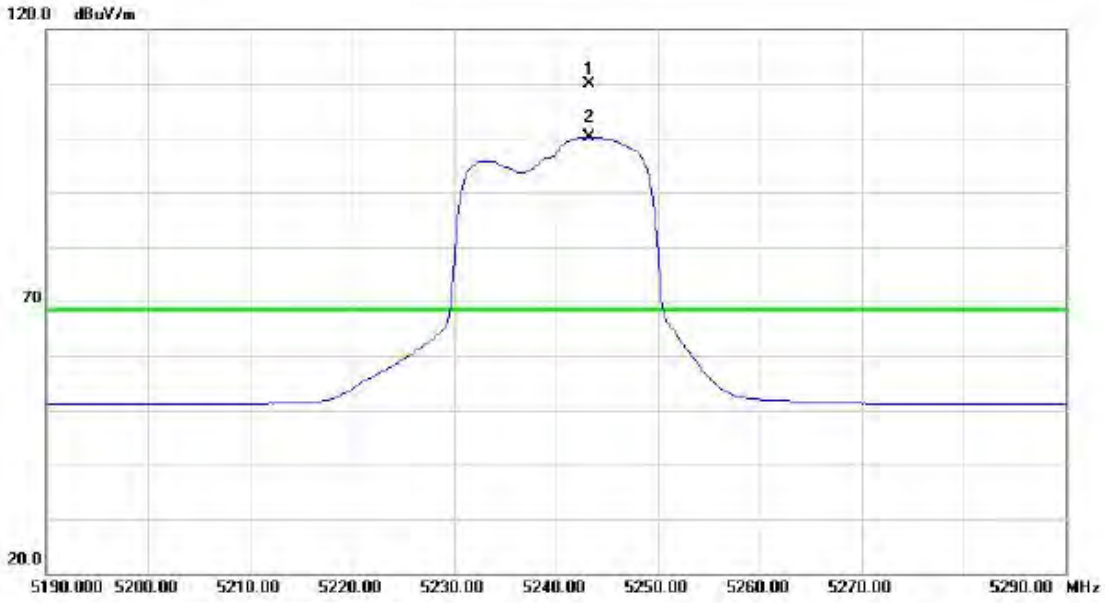
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10483.22	49.49	18.31	67.80	68.30	-0.50	peak	
2		10483.22	37.52	18.31	55.83	68.30	-12.47	AVG	
3		15719.57	45.80	19.36	65.16	74.00	-8.84	peak	
4		15719.57	32.95	19.36	52.31	54.00	-1.69	AVG	

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

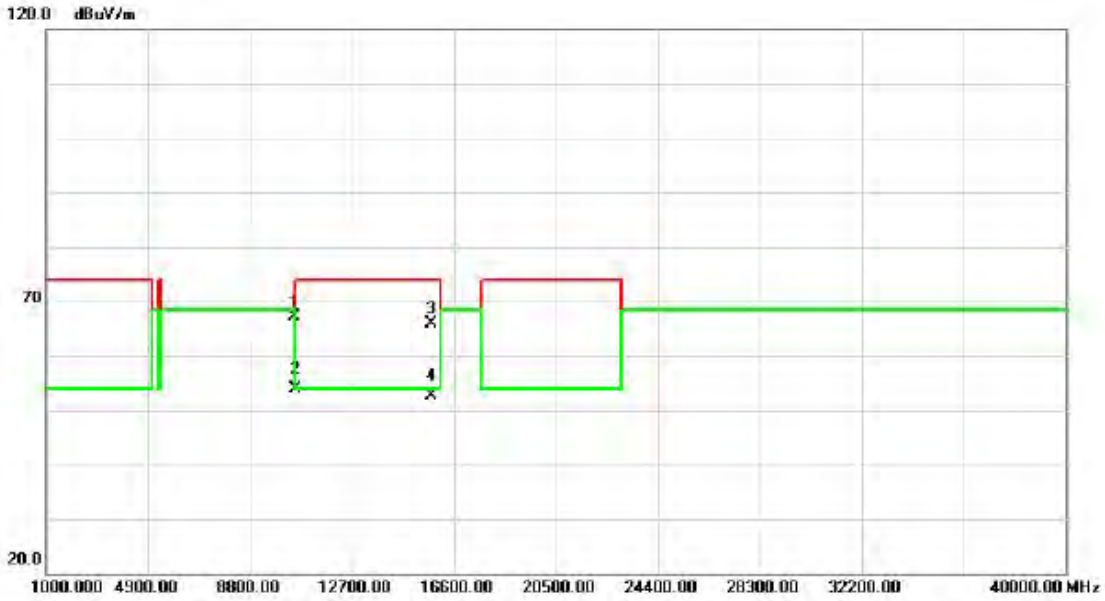
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5243.250	71.86	38.06	109.92	68.30	41.62	peak	No Limit
2	X	5243.250	62.15	38.06	100.21	68.30	31.91	AVG	No Limit

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

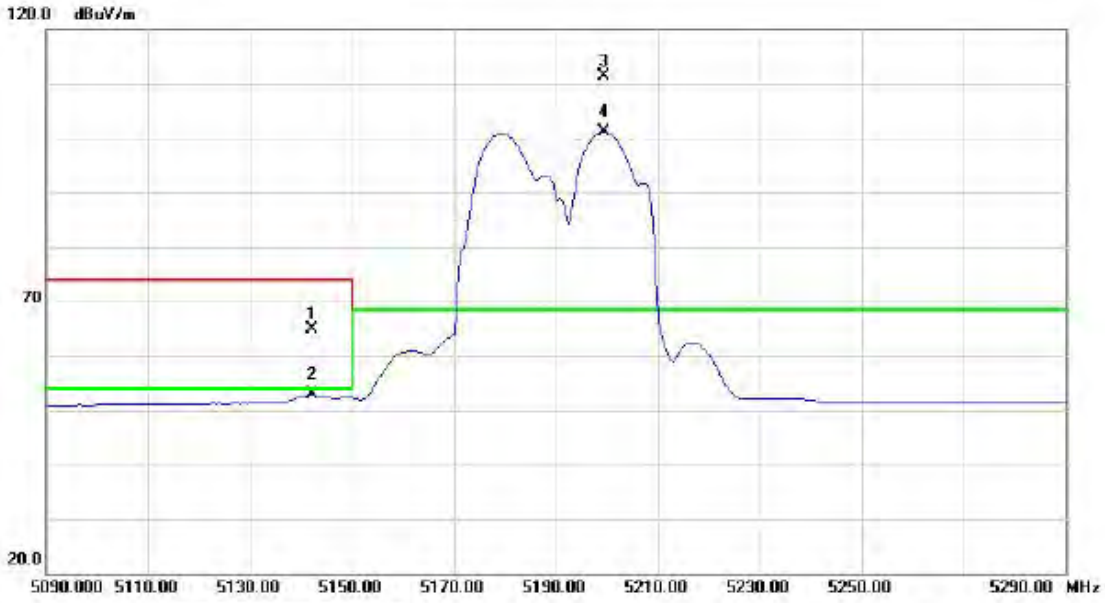
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10482.50	48.89	18.31	67.20	68.30	-1.10	peak	
2		10482.50	35.63	18.31	53.94	68.30	-14.36	AVG	
3		15718.50	46.56	19.36	65.92	74.00	-8.08	peak	
4		15718.50	33.38	19.36	52.74	54.00	-1.26	AVG	

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

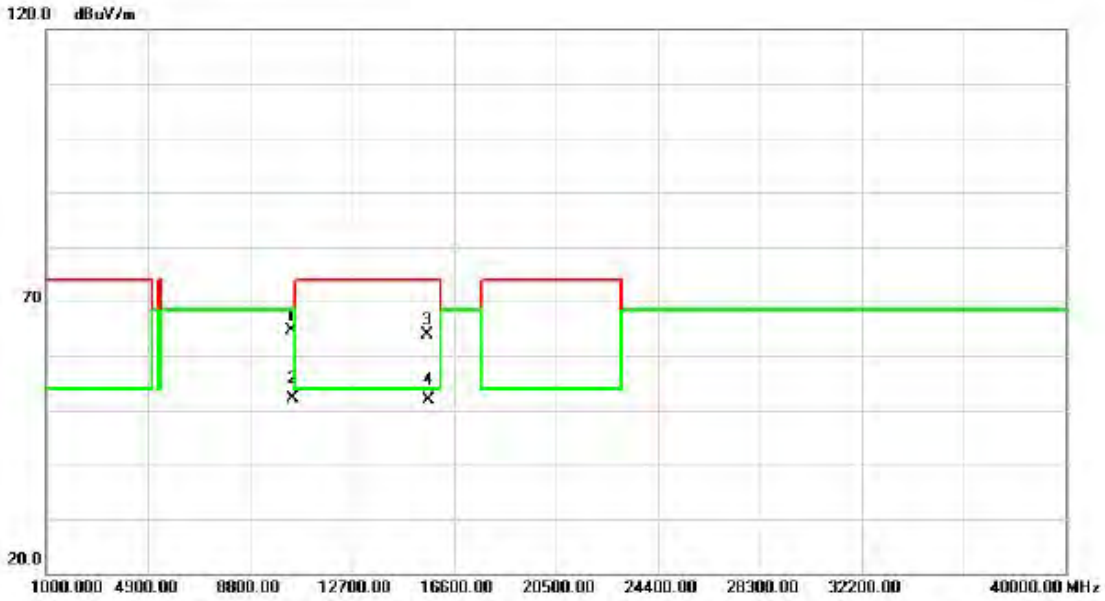
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5142.000	27.20	37.71	64.91	74.00	-9.09	peak	
2		5142.000	15.09	37.71	52.80	54.00	-1.20	AVG	
3	*	5199.500	73.39	37.91	111.30	68.30	43.00	peak	No Limit
4	X	5199.500	63.22	37.91	101.13	68.30	32.83	AVG	No Limit

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

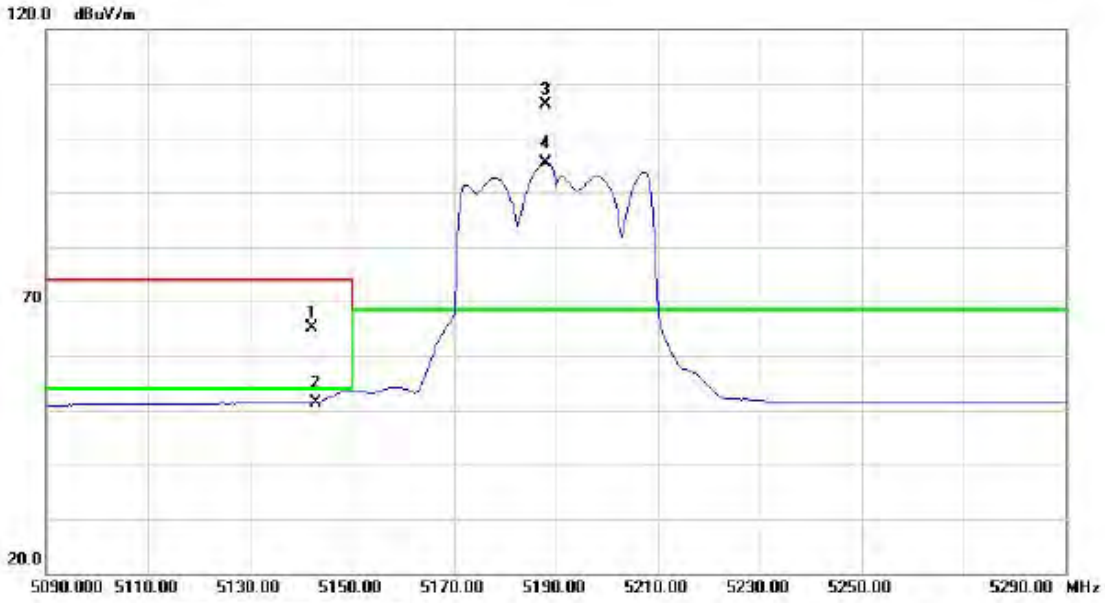
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10383.42	46.73	17.84	64.57	68.30	-3.73	peak	
2		10383.42	34.31	17.84	52.15	68.30	-16.15	AVG	
3		15571.85	44.61	19.31	63.92	74.00	-10.08	peak	
4	*	15571.85	32.57	19.31	51.88	54.00	-2.12	AVG	

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

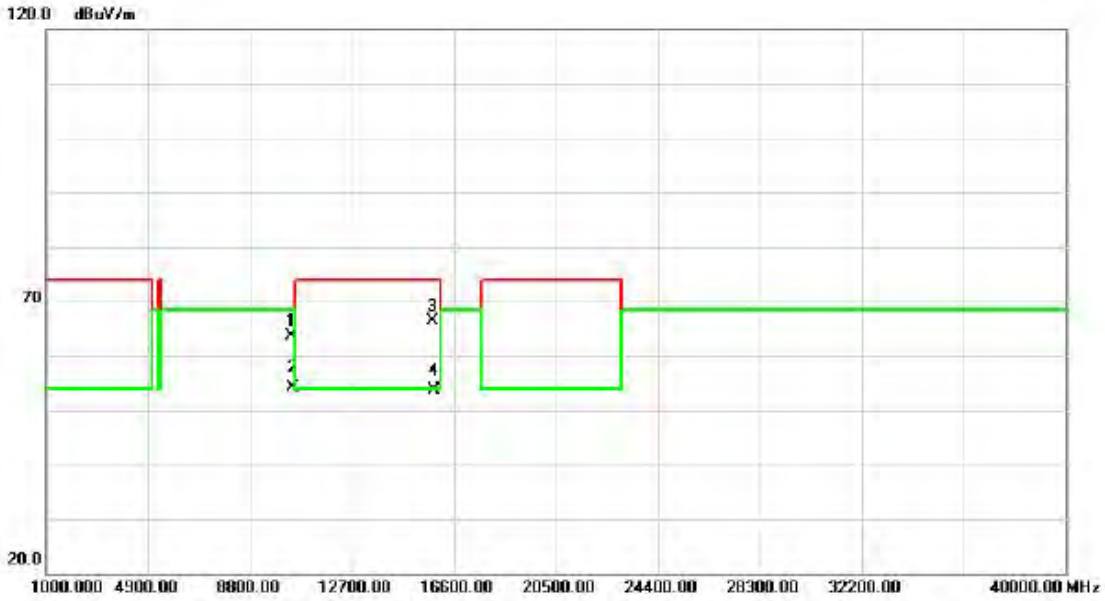
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5142.000	27.35	37.71	65.06	74.00	-8.94	peak	
2		5142.000	13.79	37.71	51.50	54.00	-2.50	AVG	
3	*	5188.000	68.32	37.87	106.19	68.30	37.89	peak	No Limit
4	X	5188.000	57.41	37.87	95.28	68.30	26.98	AVG	No Limit

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

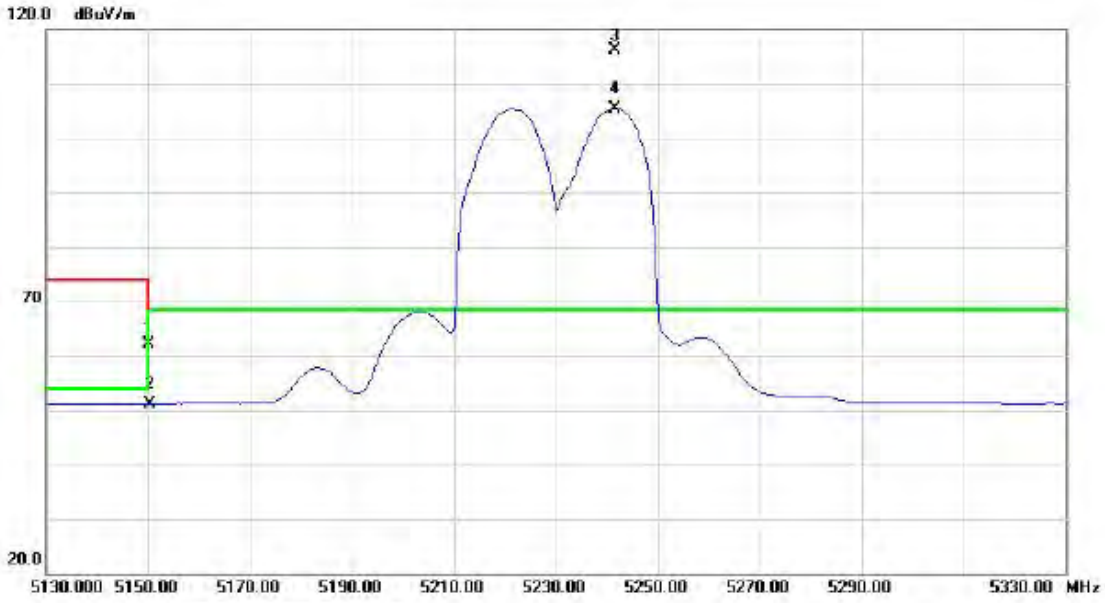
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10381.05	45.78	17.83	63.61	68.30	-4.69	peak	
2		10381.05	36.23	17.83	54.06	68.30	-14.24	AVG	
3		15768.85	47.10	19.38	66.48	74.00	-7.52	peak	
4	*	15768.85	34.25	19.38	53.63	54.00	-0.37	AVG	

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

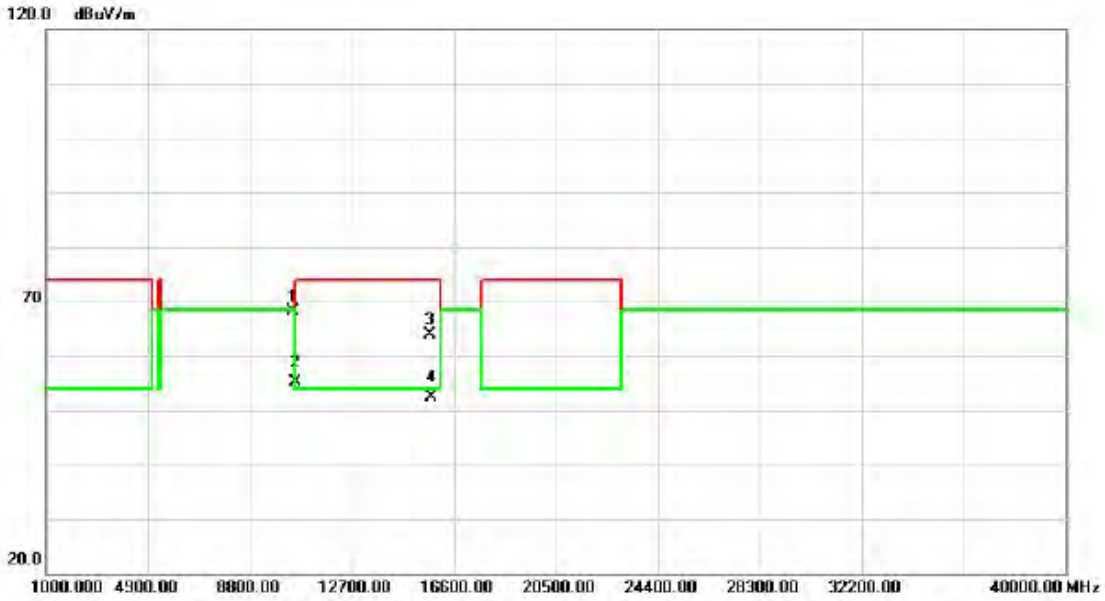
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.50	37.74	62.24	68.30	-6.06	peak	
2		5150.000	13.47	37.74	51.21	54.00	-2.79	AVG	
3	*	5241.500	77.99	38.06	116.05	68.30	47.75	peak	No Limit
4	X	5241.500	67.31	38.06	105.37	68.30	37.07	AVG	No Limit

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

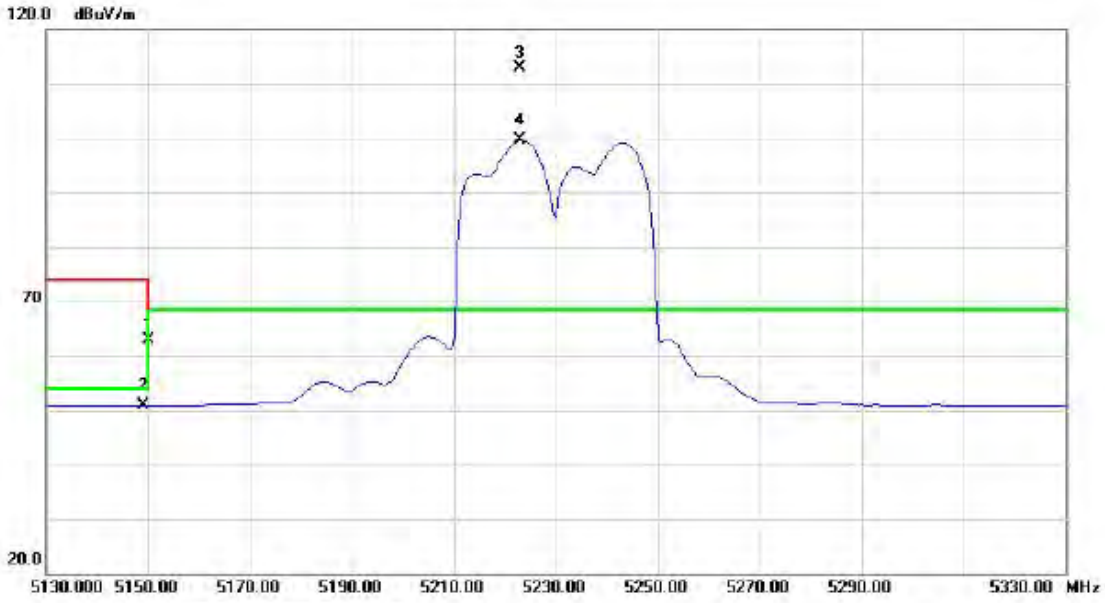
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10463.50	49.81	18.22	68.03	68.30	-0.27	peak	
2		10463.50	36.90	18.22	55.12	68.30	-13.18	AVG	
3		15687.65	44.60	19.36	63.96	74.00	-10.04	peak	
4		15687.65	32.98	19.36	52.34	54.00	-1.66	AVG	

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		5150.000	25.12	37.74	62.86	68.30	-5.44	peak	
2		5150.000	13.19	37.74	50.93	54.00	-3.07	AVG	
3	*	5223.000	74.83	37.99	112.82	68.30	44.52	peak	No Limit
4	X	5223.000	61.54	37.99	99.53	68.30	31.23	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		10453.00	48.62	18.17	66.79	68.30	-1.51	peak	
2		10453.00	35.60	18.17	53.77	68.30	-14.53	AVG	
3		15682.37	47.60	19.35	66.95	74.00	-7.05	peak	
4	*	15682.37	33.33	19.35	52.68	54.00	-1.32	AVG	

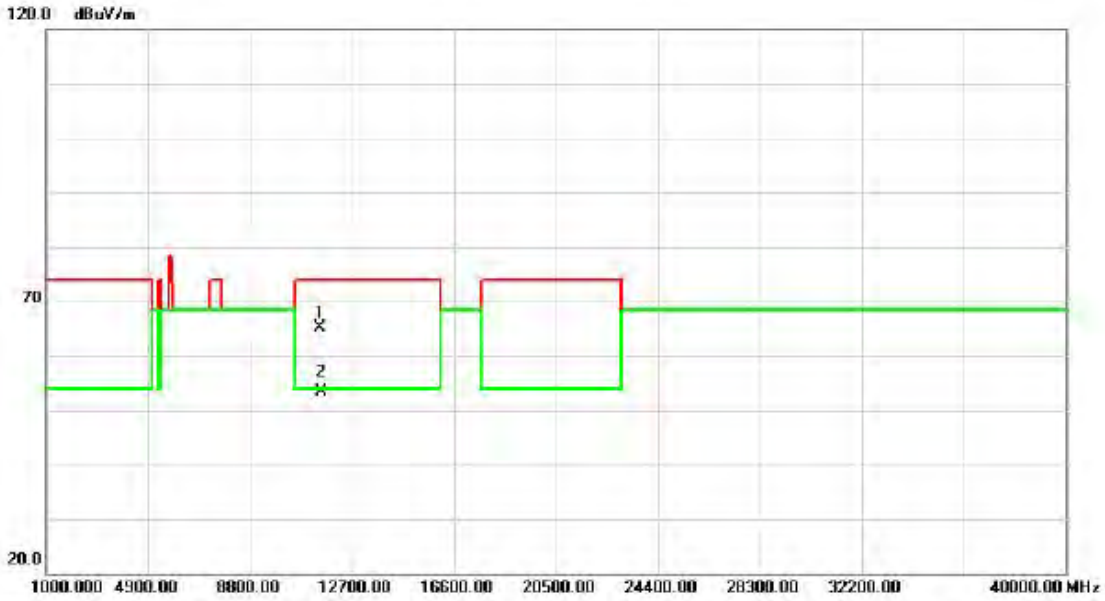
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	25.50	39.43	64.93	68.30	-3.37	peak	
2		5715.000	14.77	39.43	54.20	68.30	-14.10	AVG	
3		5724.000	38.40	39.45	77.85	78.30	-0.45	peak	
4		5724.000	23.60	39.45	63.05	68.30	-5.25	AVG	
5	X	5743.500	78.40	39.50	117.90	78.30	39.60	peak	No Limit
6	*	5743.500	70.65	39.50	110.15	68.30	41.85	AVG	No Limit

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

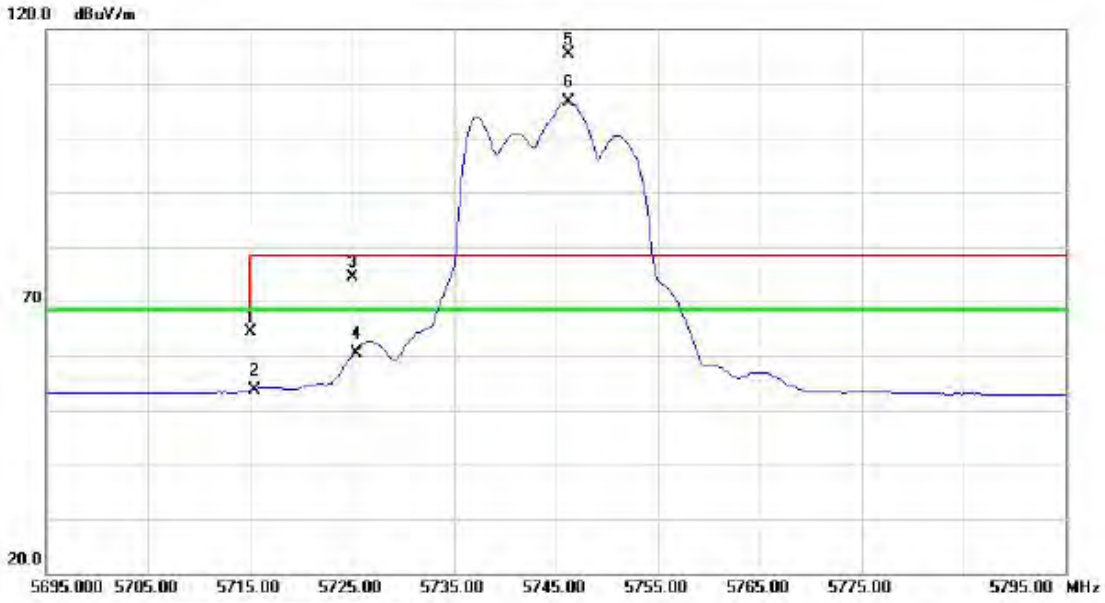
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11491.96	44.67	20.34	65.01	74.00	-8.99	peak	
2	*	11491.96	33.04	20.34	53.38	54.00	-0.62	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		5715.000	25.00	39.43	64.43	68.30	-3.87	peak	
2		5715.000	14.17	39.43	53.60	68.30	-14.70	AVG	
3		5725.000	34.85	39.45	74.30	78.30	-4.00	peak	
4		5725.000	20.89	39.45	60.34	68.30	-7.96	AVG	
5	X	5746.250	75.99	39.50	115.49	78.30	37.19	peak	No Limit
6	*	5746.250	67.06	39.50	106.56	68.30	38.26	AVG	No Limit

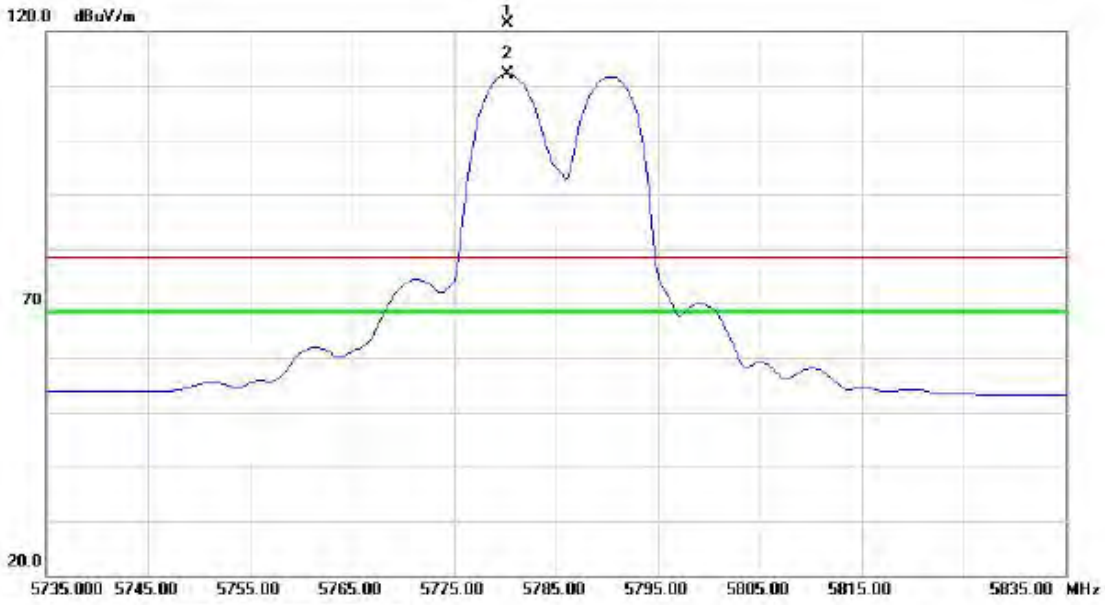
Orthogonal Axis:	X
Test Mode:	UNII-3/TX A Mode 5745MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11491.20	45.54	20.34	65.88	74.00	-8.12	peak	
2	*	11491.20	33.00	20.34	53.34	54.00	-0.66	AVG	

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

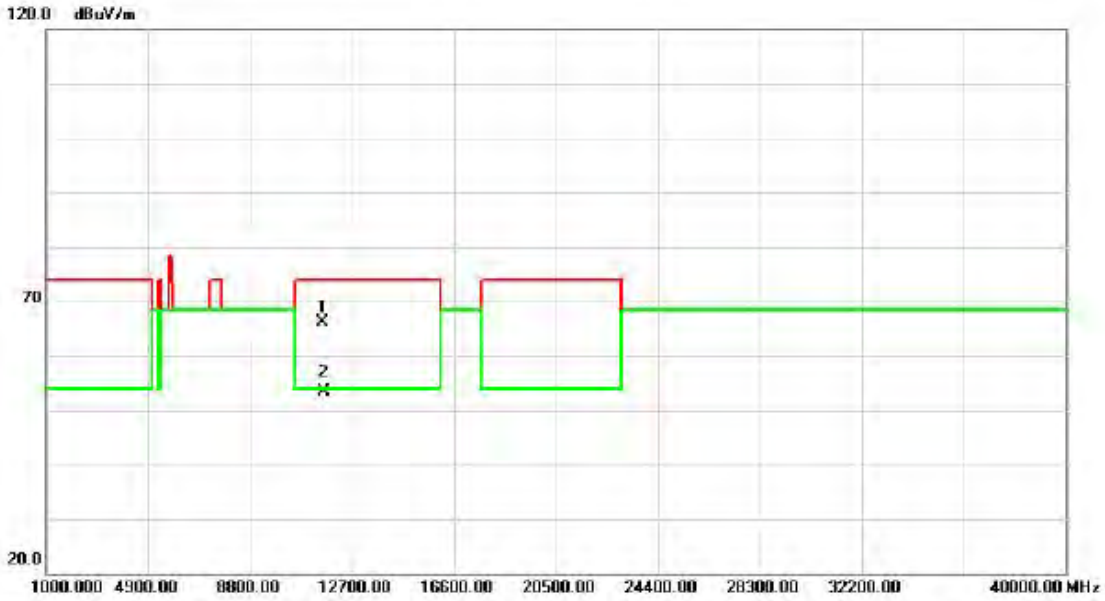
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5780.250	81.80	39.57	121.37	78.30	43.07	peak	No Limit
2	*	5780.250	72.52	39.57	112.09	68.30	43.79	AVG	No Limit

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

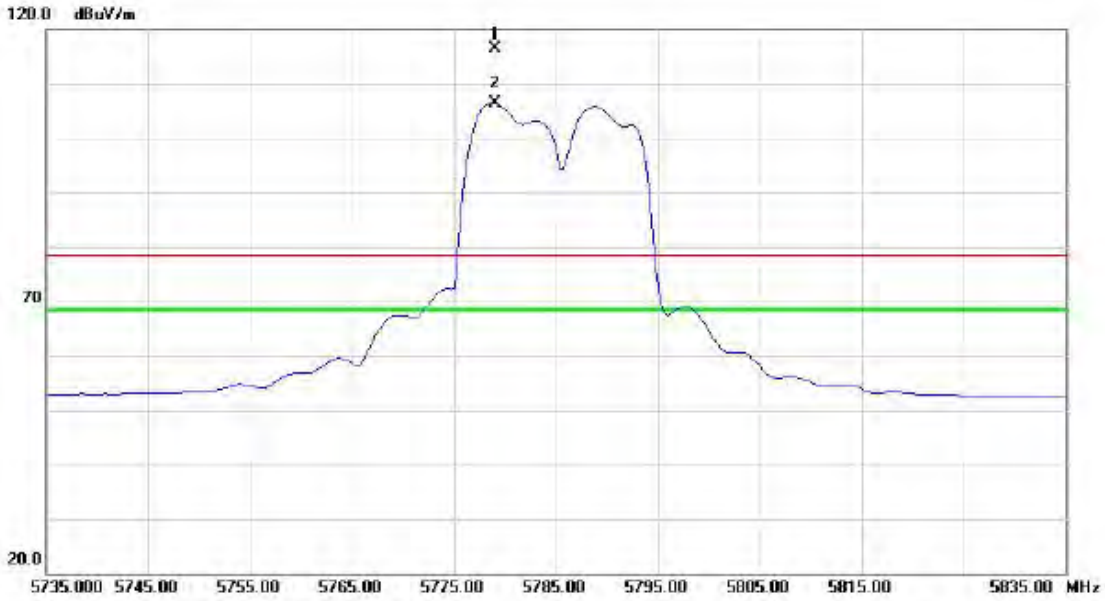
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11567.92	45.70	20.40	66.10	74.00	-7.90	peak	
2	*	11567.92	32.97	20.40	53.37	54.00	-0.63	AVG	

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

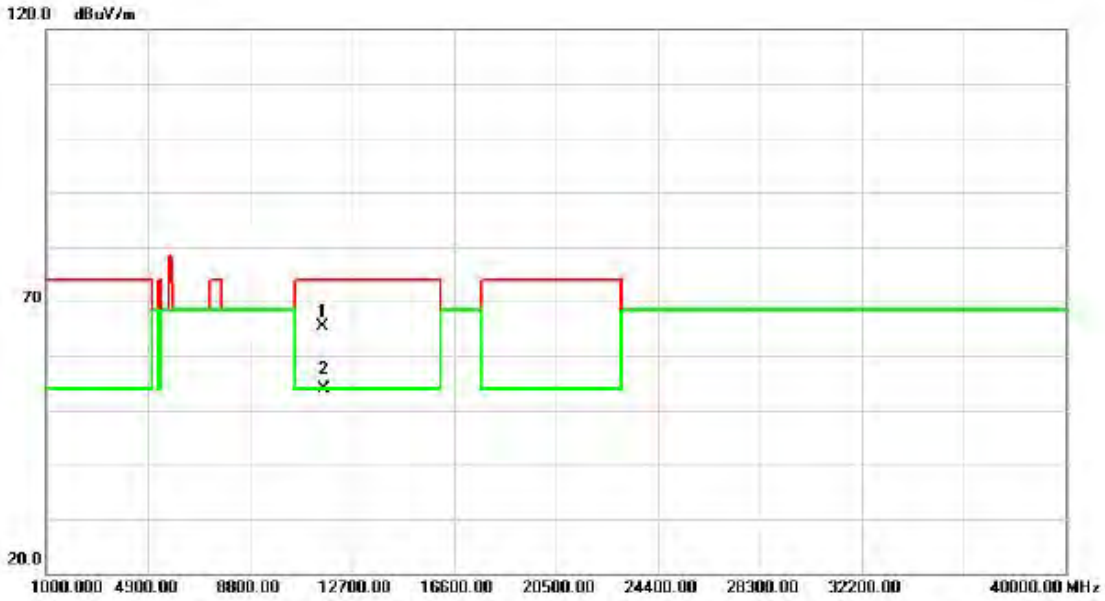
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5779.000	76.70	39.57	116.27	78.30	37.97	peak	No Limit
2	*	5779.000	66.84	39.57	106.41	68.30	38.11	AVG	No Limit

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

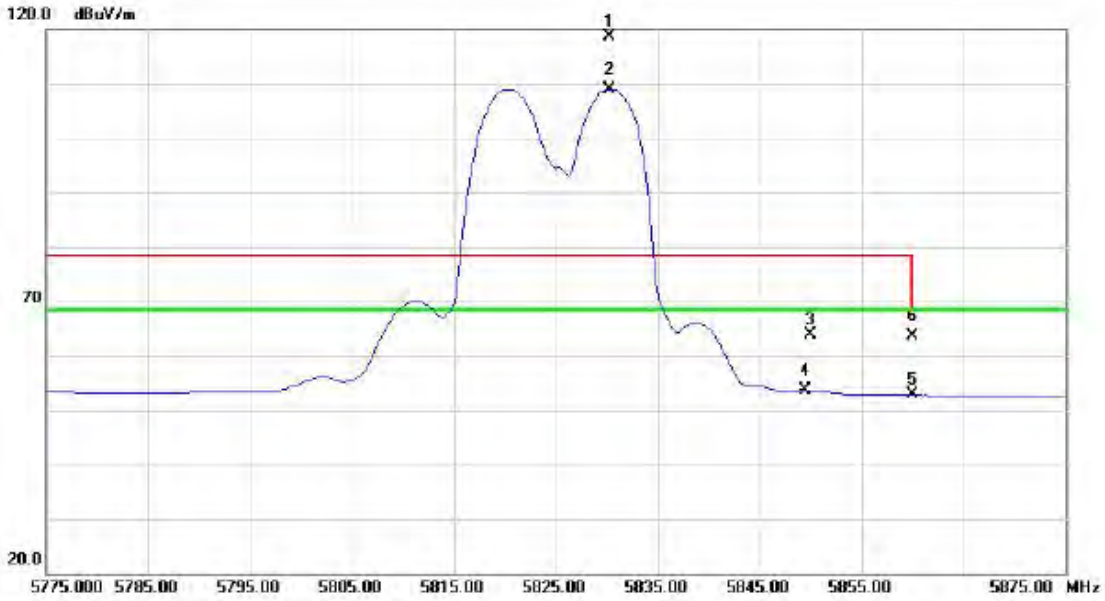
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11571.02	44.85	20.42	65.27	74.00	-8.73	peak	
2	*	11571.02	33.38	20.42	53.80	54.00	-0.20	AVG	

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

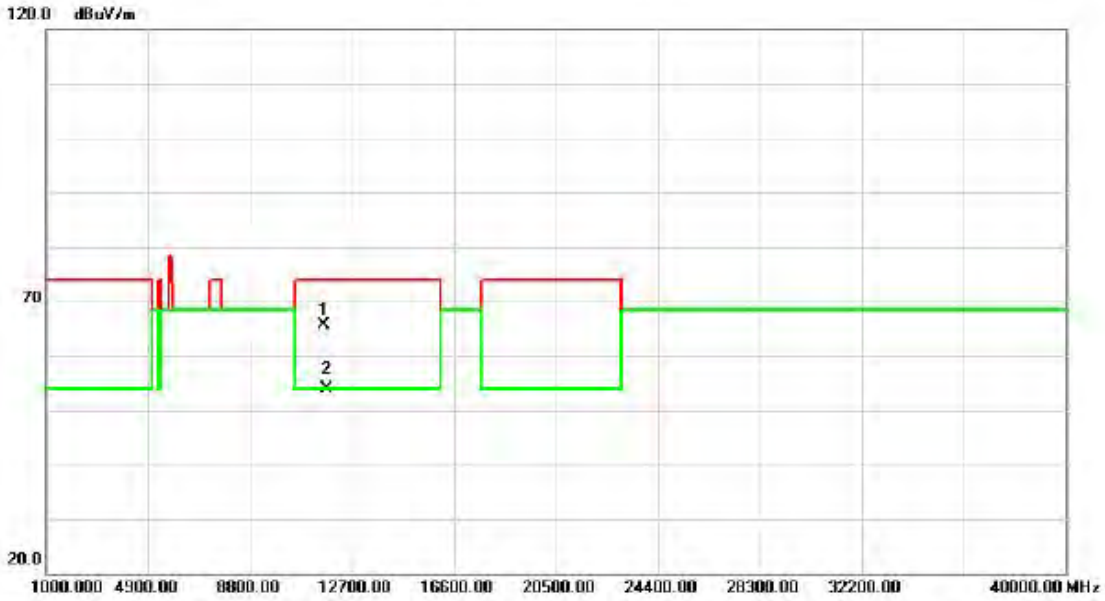
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5830.250	78.85	39.69	118.54	78.30	40.24	peak	No Limit
2	*	5830.250	69.29	39.69	108.98	68.30	40.68	AVG	No Limit
3		5850.000	24.23	39.73	63.96	78.30	-14.34	peak	
4		5850.000	13.98	39.73	53.71	68.30	-14.59	AVG	
5		5860.000	13.05	39.76	52.81	68.30	-15.49	peak	
6		5860.000	23.85	39.76	63.61	68.30	-4.69	AVG	

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

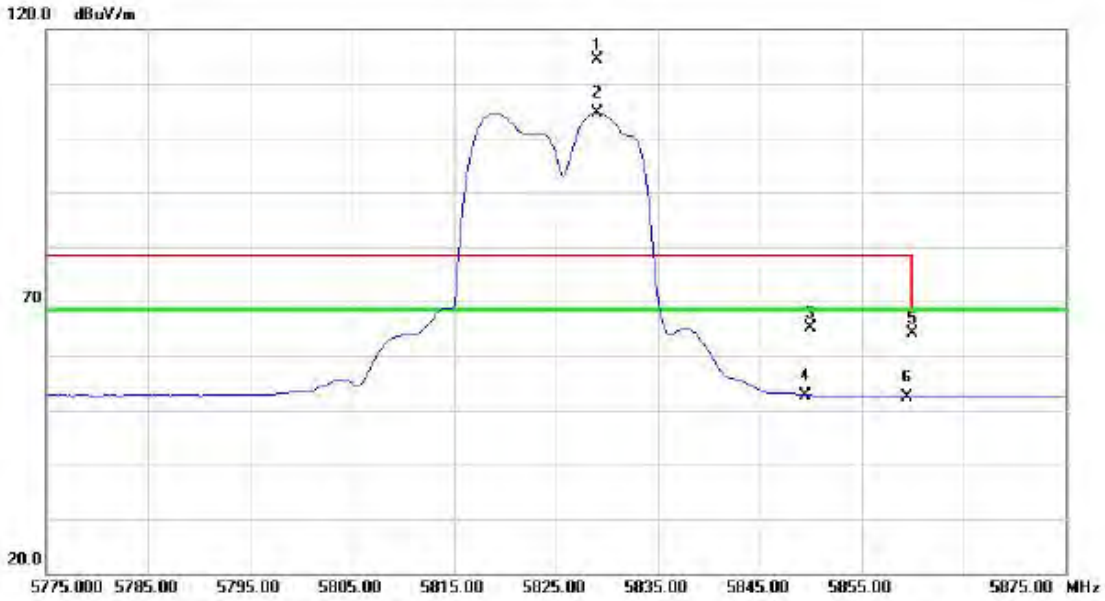
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11646.72	45.07	20.51	65.58	74.00	-8.42	peak	
2	*	11646.72	33.35	20.51	53.86	54.00	-0.14	AVG	

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

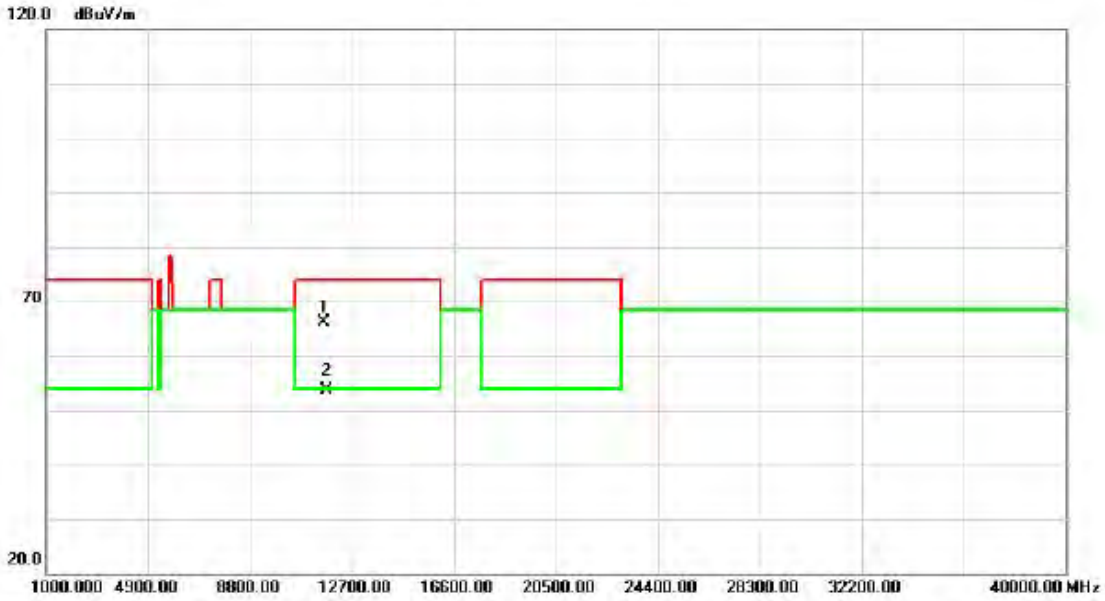
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5829.000	74.59	39.68	114.27	78.30	35.97	peak	No Limit
2	*	5829.000	64.97	39.68	104.65	68.30	36.35	AVG	No Limit
3		5850.000	25.44	39.73	65.17	78.30	-13.13	peak	
4		5850.000	13.02	39.73	52.75	68.30	-15.55	AVG	
5		5860.000	24.39	39.76	64.15	68.30	-4.15	peak	
6		5860.000	12.64	39.76	52.40	68.30	-15.90	AVG	

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

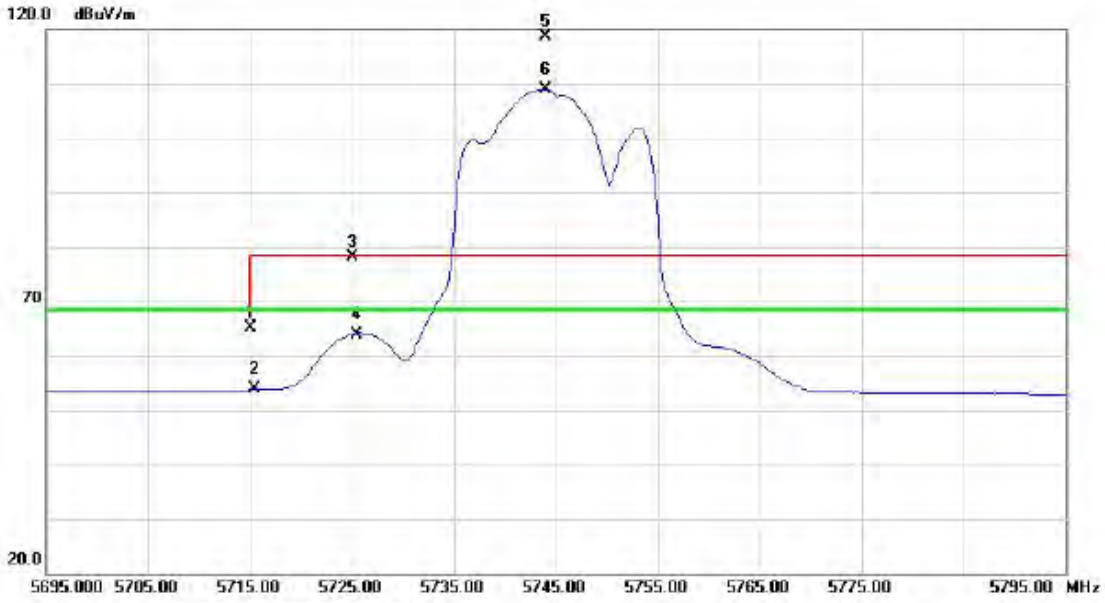
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11646.67	45.54	20.51	66.05	74.00	-7.95	peak	
2	*	11646.67	33.10	20.51	53.61	54.00	-0.39	AVG	

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

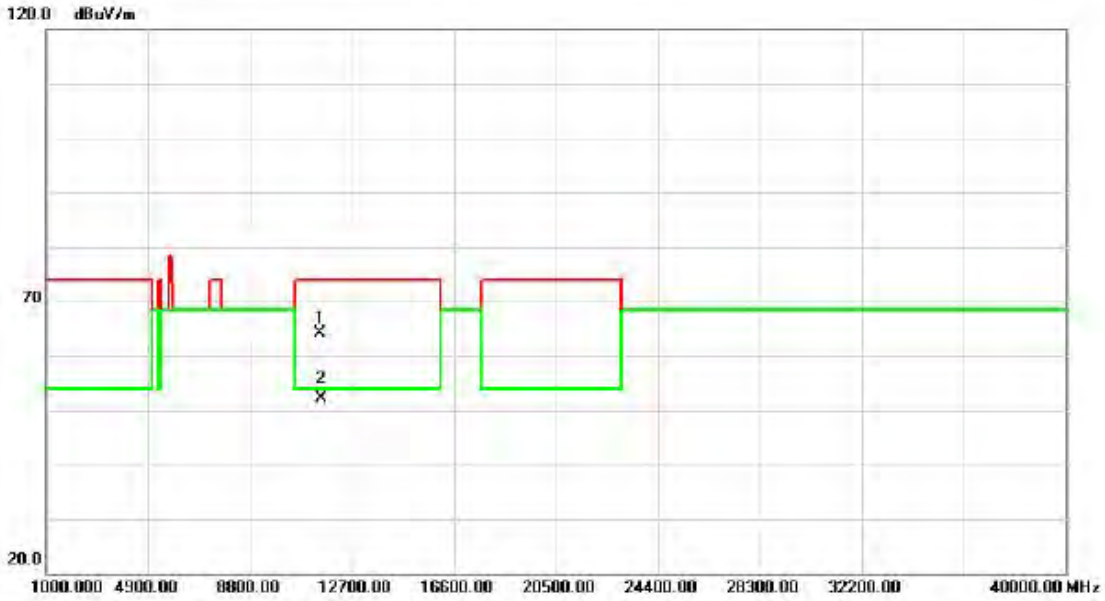
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	25.80	39.43	65.23	68.30	-3.07	peak	
2		5715.000	14.34	39.43	53.77	68.30	-14.53	AVG	
3		5725.000	38.60	39.45	78.05	78.30	-0.25	peak	
4		5725.000	24.55	39.45	64.00	68.30	-4.30	AVG	
5	X	5744.000	79.22	39.50	118.72	78.30	40.42	peak	No Limit
6	*	5744.000	69.48	39.50	108.98	68.30	40.68	AVG	No Limit

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

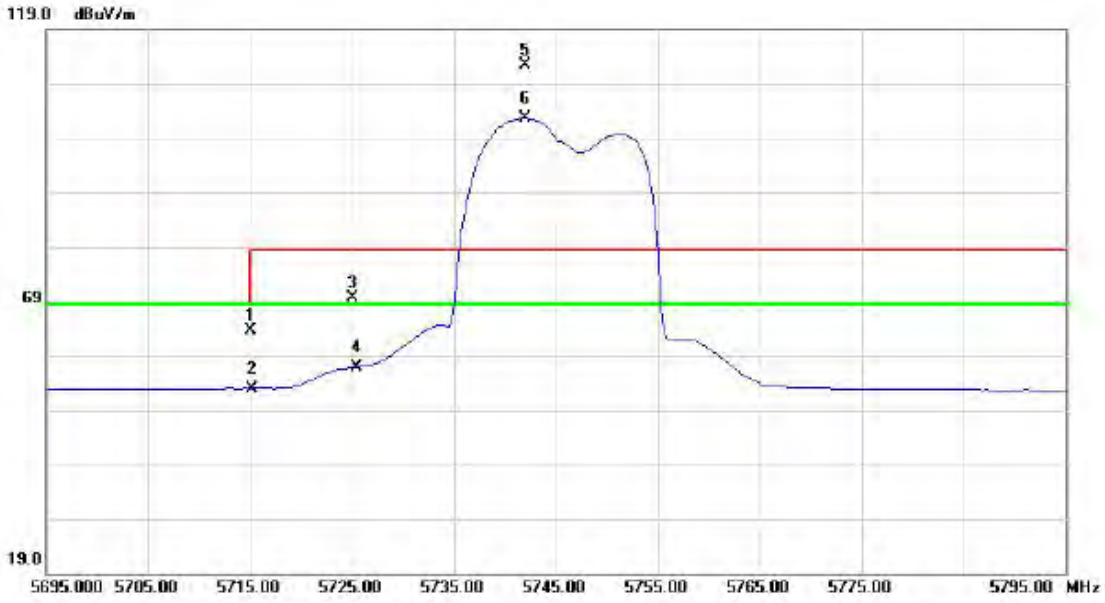
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11489.30	43.85	20.34	64.19	74.00	-9.81	peak	
2	*	11489.30	31.85	20.34	52.19	54.00	-1.81	AVG	

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

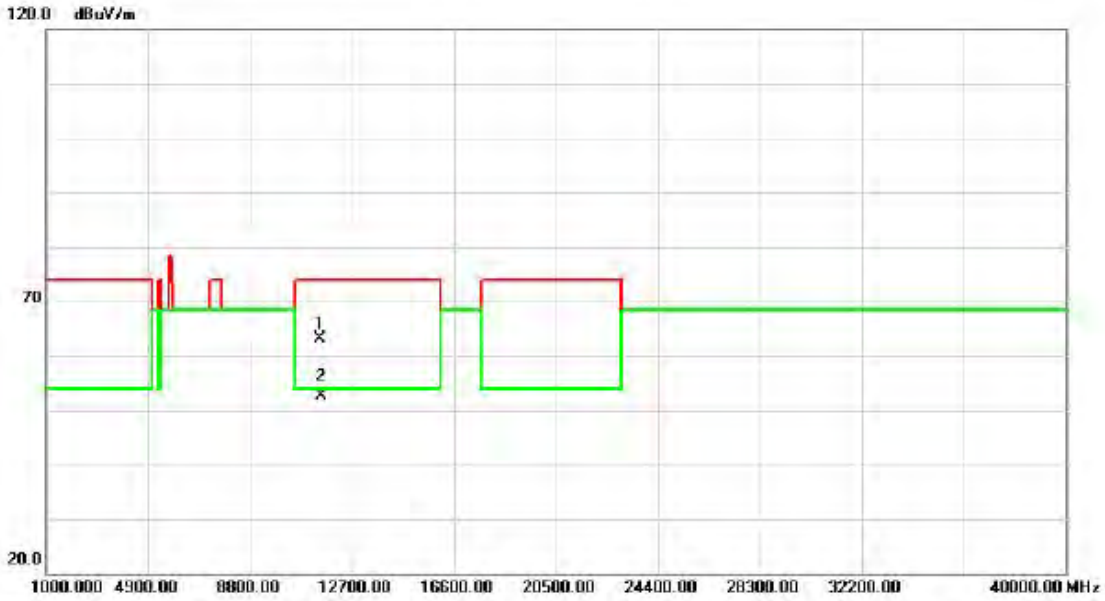
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	24.20	39.43	63.63	68.30	-4.67	peak	
2		5715.000	13.57	39.43	53.00	68.30	-15.30	AVG	
3		5725.000	30.30	39.45	69.75	78.30	-8.55	peak	
4		5725.000	17.40	39.45	56.85	68.30	-11.45	AVG	
5	X	5742.000	72.80	39.50	112.30	78.30	34.00	peak	No Limit
6	*	5742.000	63.10	39.50	102.60	68.30	34.30	AVG	No Limit

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

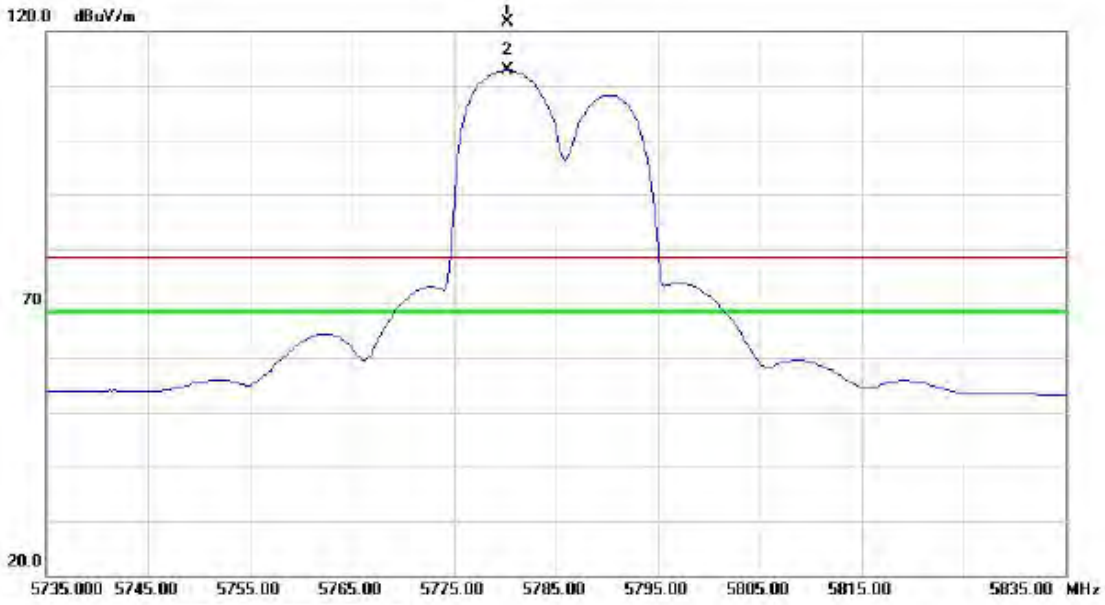
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11492.07	42.68	20.34	63.02	74.00	-10.98	peak	
2	*	11492.07	32.39	20.34	52.73	54.00	-1.27	AVG	

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

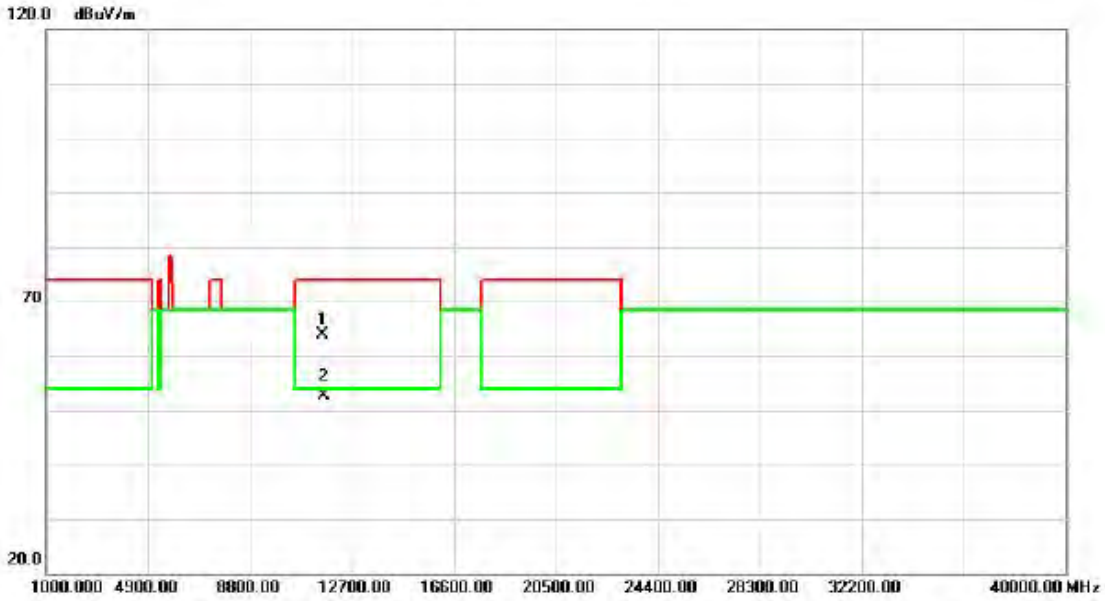
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5780.250	82.15	39.57	121.72	78.30	43.42	peak	No Limit
2	*	5780.250	73.22	39.57	112.79	68.30	44.49	AVG	No Limit

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

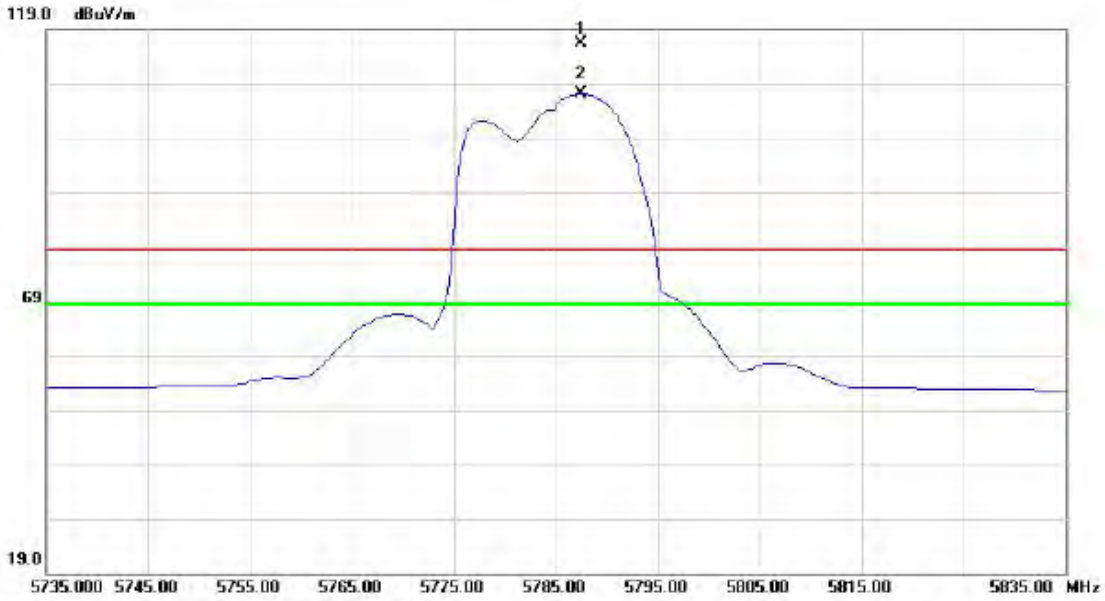
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11566.37	43.44	20.41	63.85	74.00	-10.15	peak	
2	*	11566.37	32.10	20.41	52.51	54.00	-1.49	AVG	

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

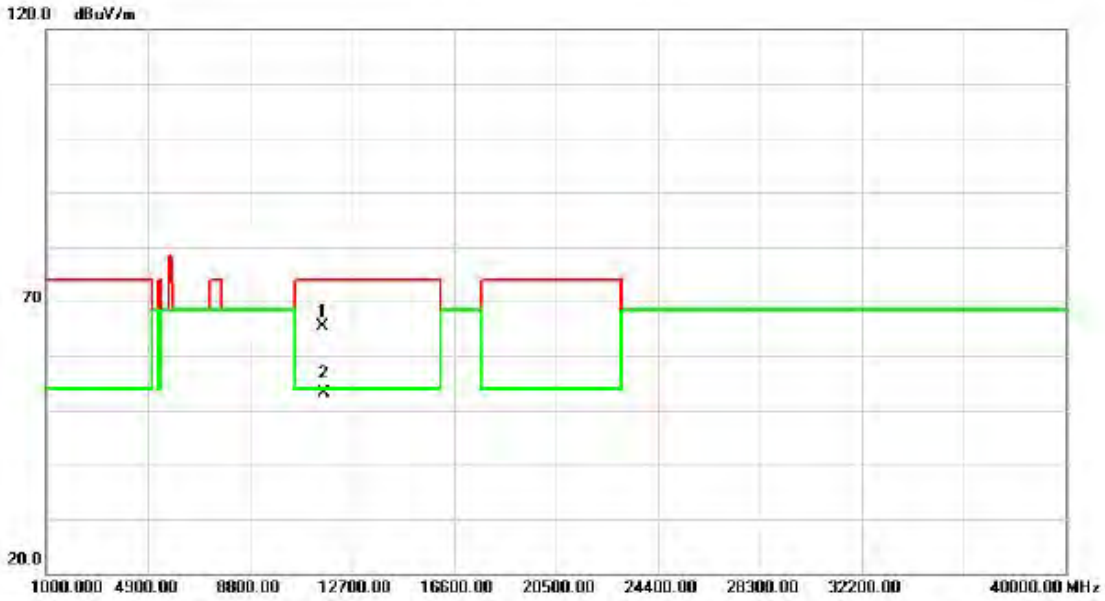
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5787.500	76.80	39.60	116.40	78.30	38.10	peak	No Limit
2	*	5787.500	67.52	39.60	107.12	68.30	38.82	AVG	No Limit

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

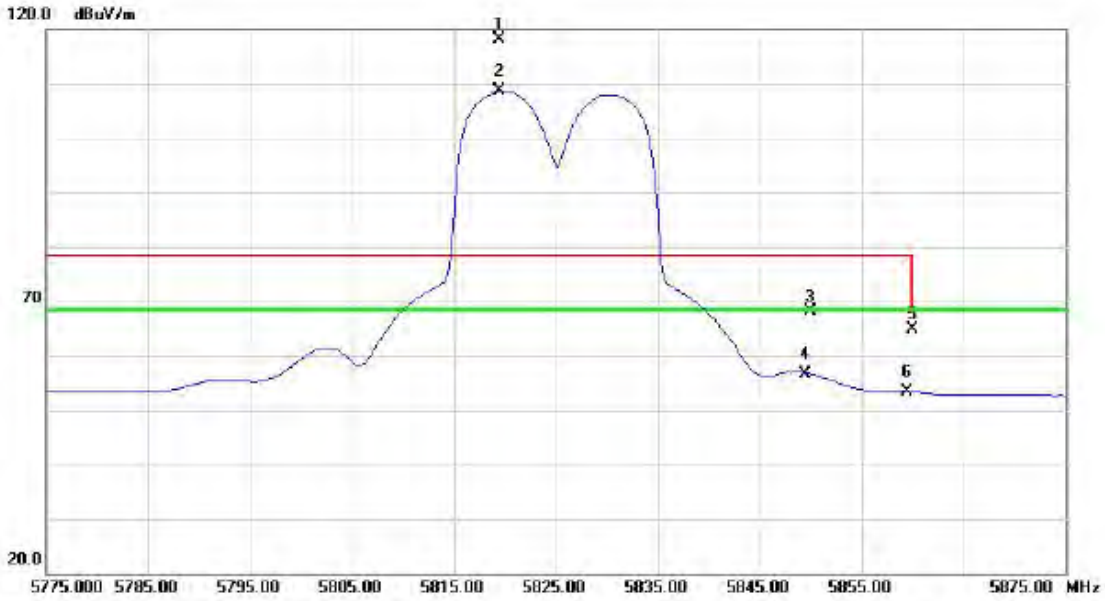
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11571.87	44.91	20.42	65.33	74.00	-8.67	peak	
2	*	11571.87	32.69	20.42	53.11	54.00	-0.89	AVG	

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

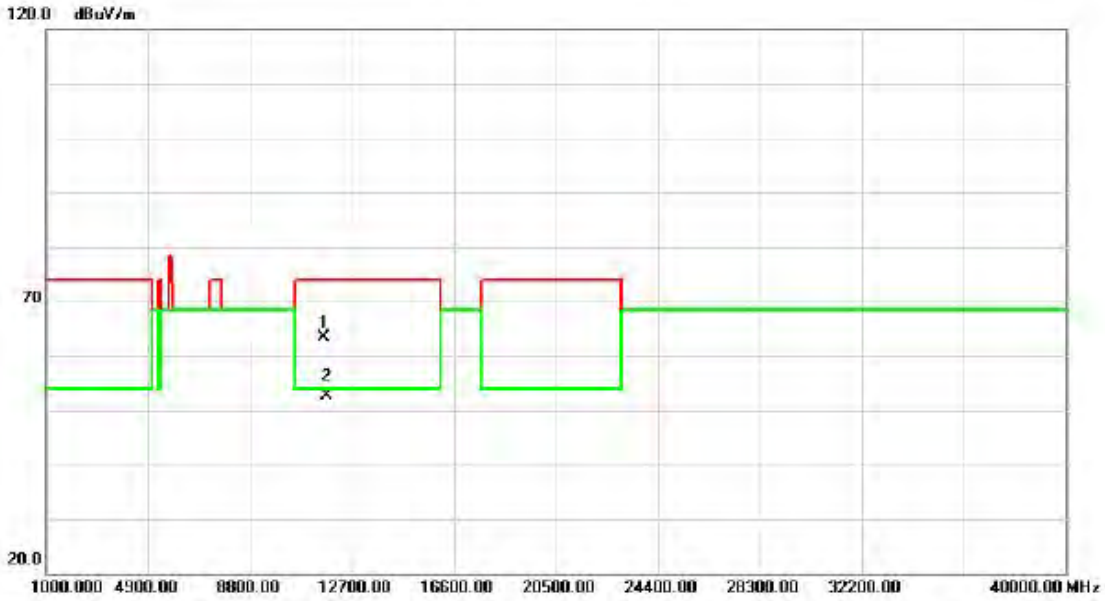
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5819.500	78.42	39.67	118.09	78.30	39.79	peak	No Limit
2	*	5819.500	68.90	39.67	108.57	68.30	40.27	AVG	No Limit
3		5850.000	28.30	39.73	68.03	78.30	-10.27	peak	
4		5850.000	17.00	39.73	56.73	68.30	-11.57	AVG	
5		5860.000	25.20	39.76	64.96	68.30	-3.34	peak	
6		5860.000	13.64	39.76	53.40	68.30	-14.90	AVG	

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

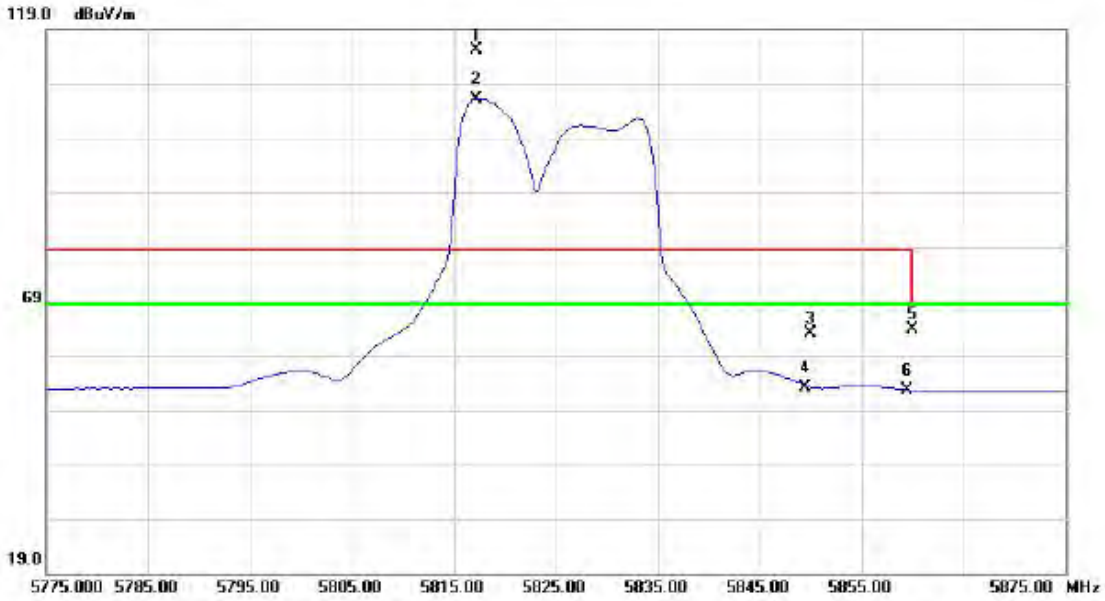
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11647.00	42.76	20.51	63.27	74.00	-10.73	peak	
2	*	11647.00	32.02	20.51	52.53	54.00	-1.47	AVG	

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

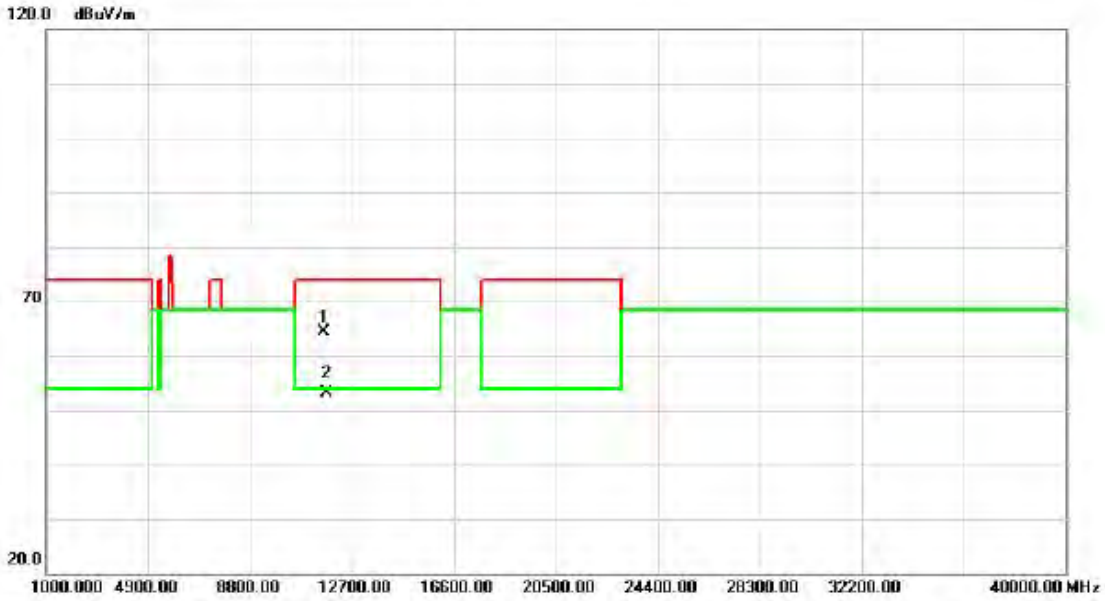
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5817.250	75.45	39.66	115.11	78.30	36.81	peak	No Limit
2	*	5817.250	66.57	39.66	106.23	68.30	37.93	AVG	No Limit
3		5850.000	23.31	39.73	63.04	78.30	-15.26	peak	
4		5850.000	13.51	39.73	53.24	68.30	-15.06	AVG	
5		5860.000	24.20	39.76	63.96	68.30	-4.34	peak	
6		5860.000	12.91	39.76	52.67	68.30	-15.63	AVG	

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

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11651.82	43.86	20.52	64.38	74.00	-9.62	peak	
2	*	11651.82	32.57	20.52	53.09	54.00	-0.91	AVG	

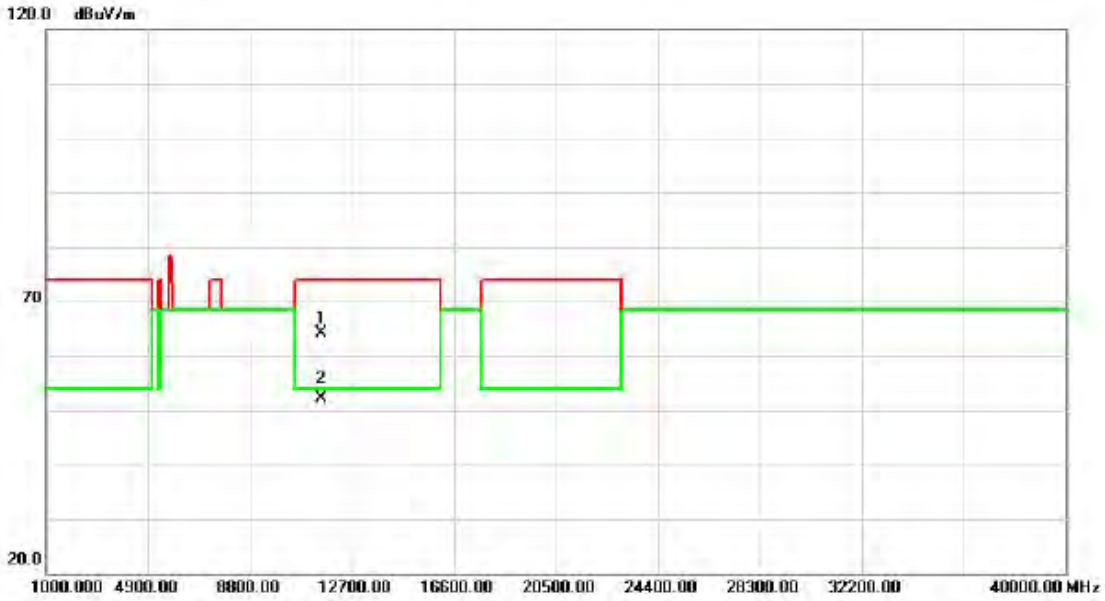
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	28.30	39.43	67.73	68.30	-0.57	peak	
2		5715.000	16.32	39.43	55.75	68.30	-12.55	AVG	
3		5721.500	35.20	39.45	74.65	78.30	-3.65	peak	
4		5721.500	20.94	39.45	60.39	68.30	-7.91	AVG	
5		5725.000	32.10	39.45	71.55	78.30	-6.75	peak	
6		5725.000	19.06	39.45	58.51	68.30	-9.79	AVG	

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

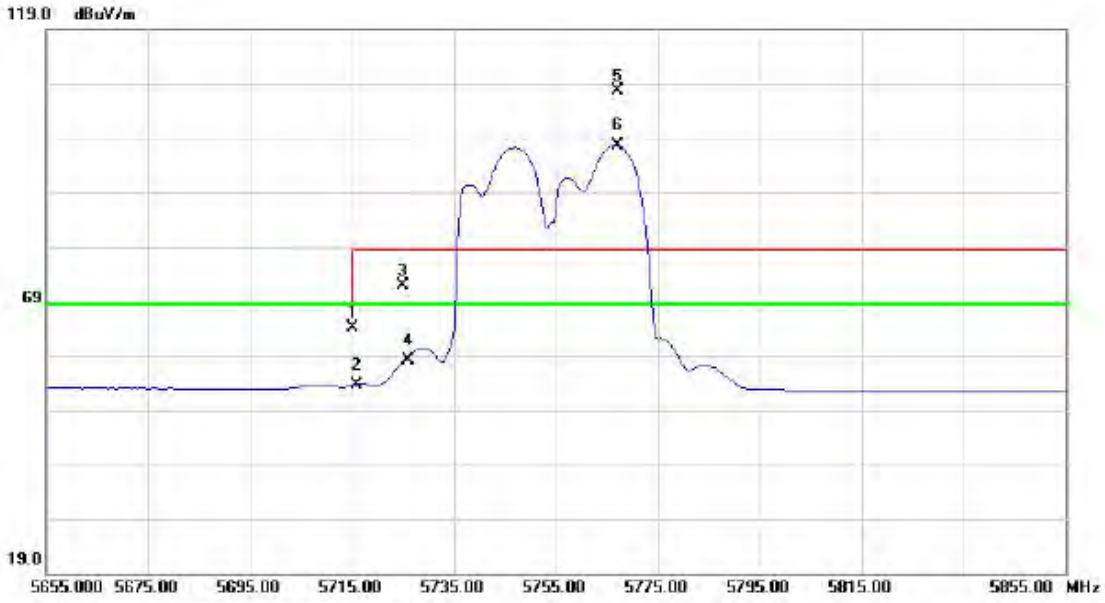
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11506.65	43.78	20.34	64.12	74.00	-9.88	peak	
2	*	11506.65	31.84	20.34	52.18	54.00	-1.82	AVG	

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

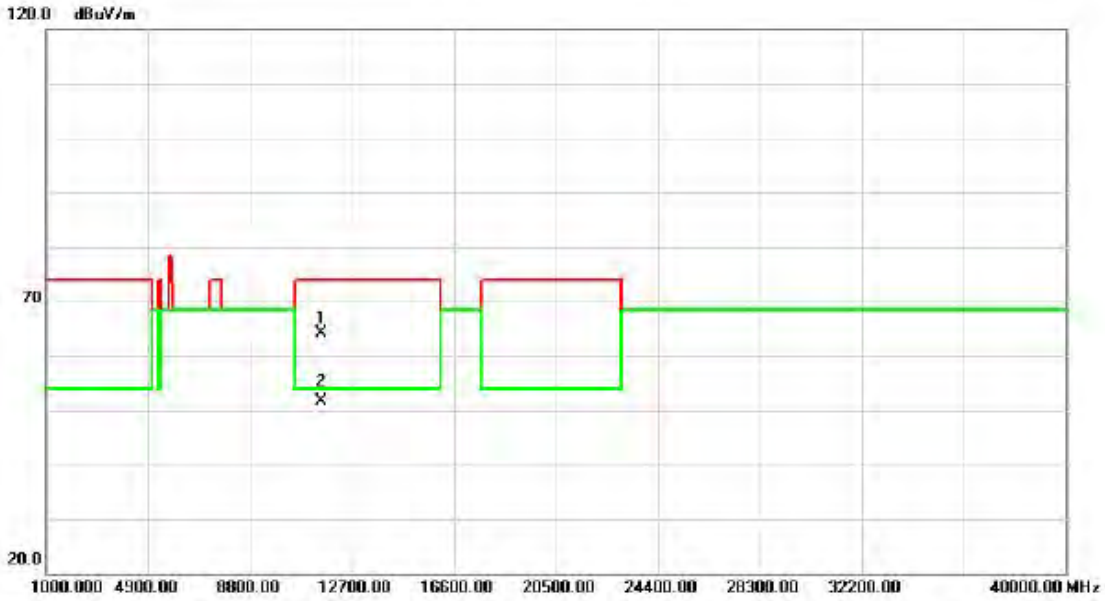
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	24.81	39.43	64.24	68.30	-4.06	peak	
2		5715.000	14.08	39.43	53.51	68.30	-14.79	AVG	
3		5725.000	32.40	39.45	71.85	78.30	-6.45	peak	
4		5725.000	18.61	39.45	58.06	68.30	-10.24	AVG	
5	*	5767.000	68.10	39.55	107.65	78.30	29.35	peak	No Limit
6	X	5767.000	58.06	39.55	97.61	68.30	29.31	AVG	No Limit

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

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11512.75	43.75	20.34	64.09	74.00	-9.91	peak	
2	*	11512.75	31.40	20.34	51.74	54.00	-2.26	AVG	

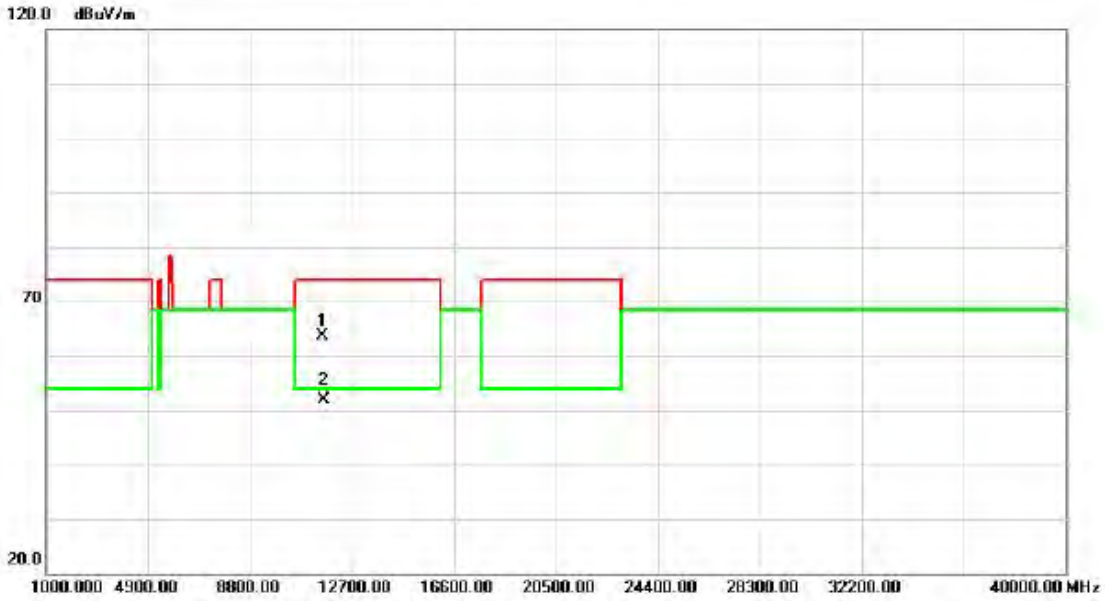
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	26.60	39.43	66.03	68.30	-2.27	peak	
2		5715.000	14.13	39.43	53.56	68.30	-14.74	AVG	
3		5725.000	25.60	39.45	65.05	78.30	-13.25	peak	
4		5725.000	14.32	39.45	53.77	68.30	-14.53	AVG	
5	*	5779.000	77.20	39.57	116.77	78.30	38.47	peak	No Limit
6	X	5779.000	66.36	39.57	105.93	68.30	37.63	AVG	No Limit

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

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11588.27	43.27	20.43	63.70	74.00	-10.30	peak	
2	*	11588.27	31.51	20.43	51.94	54.00	-2.06	AVG	

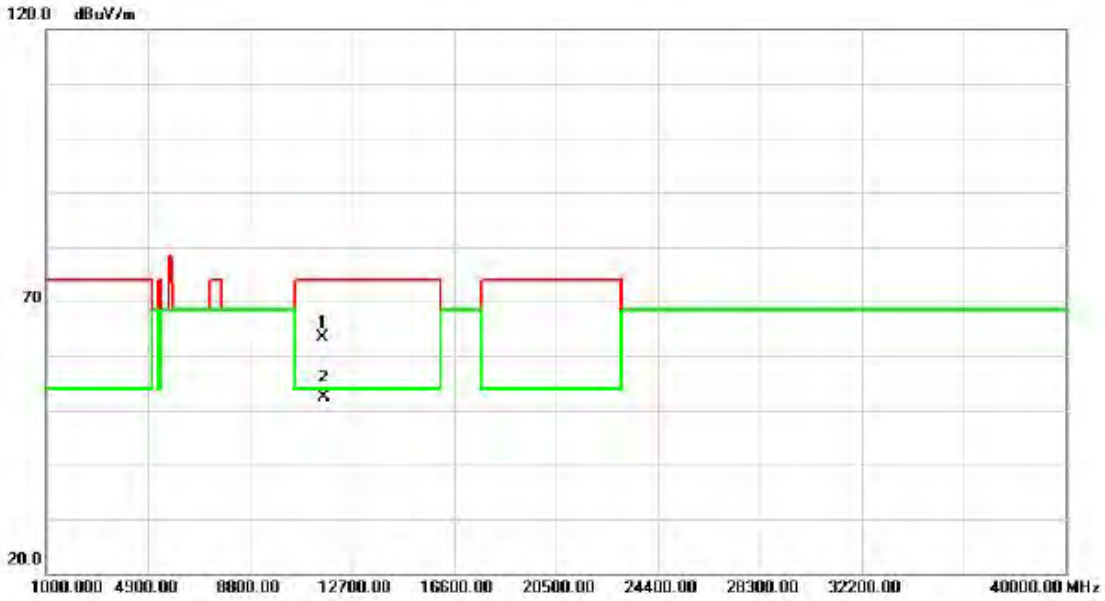
Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	23.89	39.43	63.32	68.30	-4.98	peak	
2		5715.000	13.58	39.43	53.01	68.30	-15.29	AVG	
3		5725.000	24.30	39.45	63.75	78.30	-14.55	peak	
4		5725.000	13.66	39.45	53.11	68.30	-15.19	AVG	
5	*	5796.500	73.38	39.61	112.99	78.30	34.69	peak	No Limit
6	X	5796.500	63.26	39.61	102.87	68.30	34.57	AVG	No Limit

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

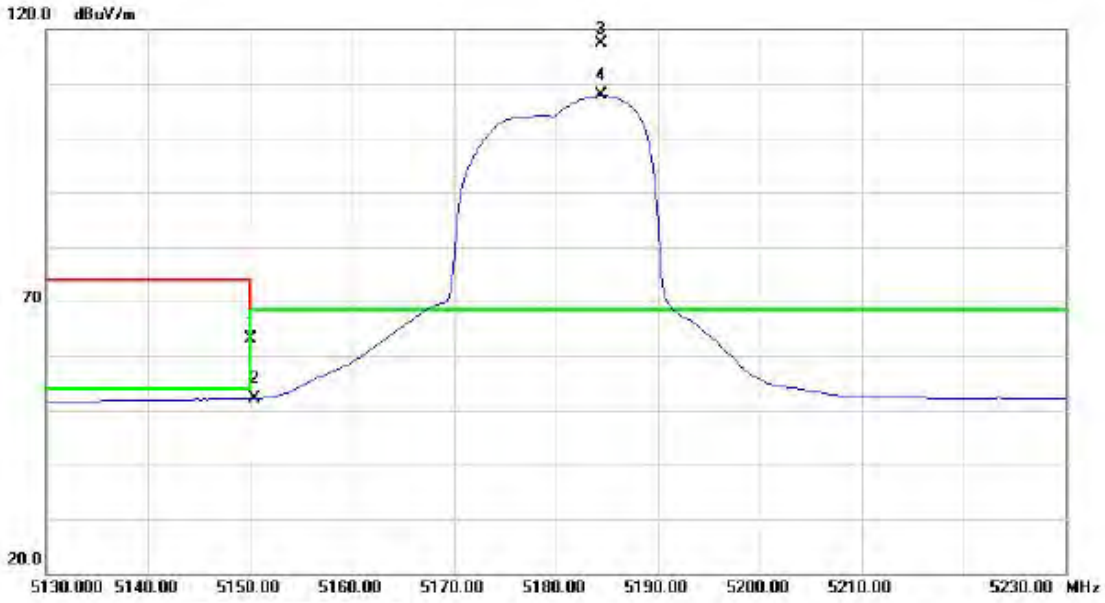
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11589.82	42.89	20.43	63.32	74.00	-10.68	peak	
2	*	11589.82	31.98	20.43	52.41	54.00	-1.59	AVG	

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

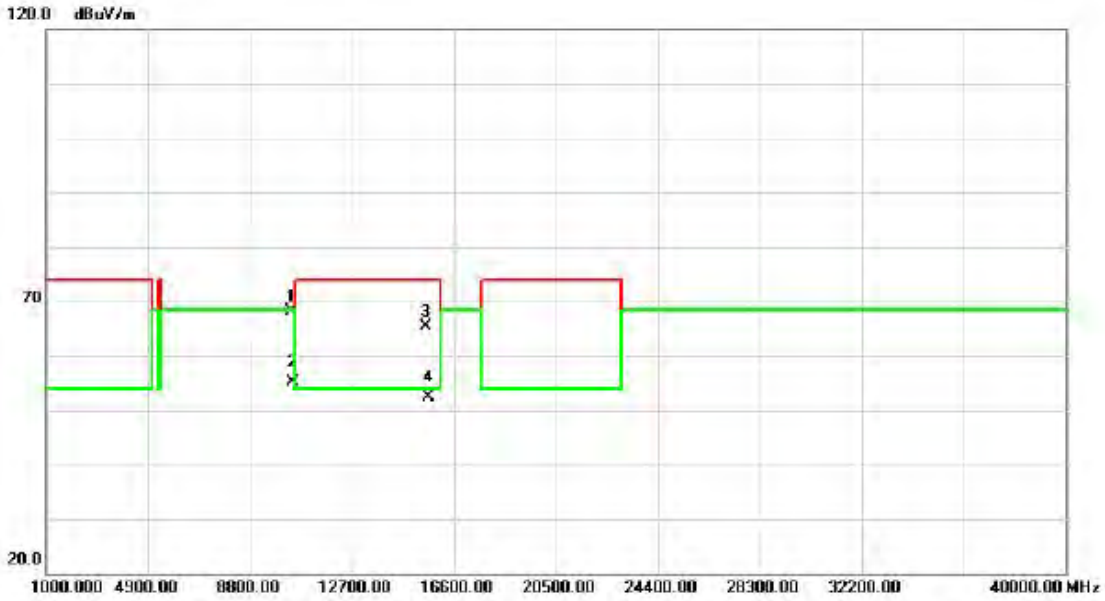
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.30	37.74	63.04	68.30	-5.26	peak	
2		5150.000	14.31	37.74	52.05	54.00	-1.95	AVG	
3	*	5184.500	79.42	37.86	117.28	68.30	48.98	peak	No Limit
4	X	5184.500	69.95	37.86	107.81	68.30	39.51	AVG	No Limit

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

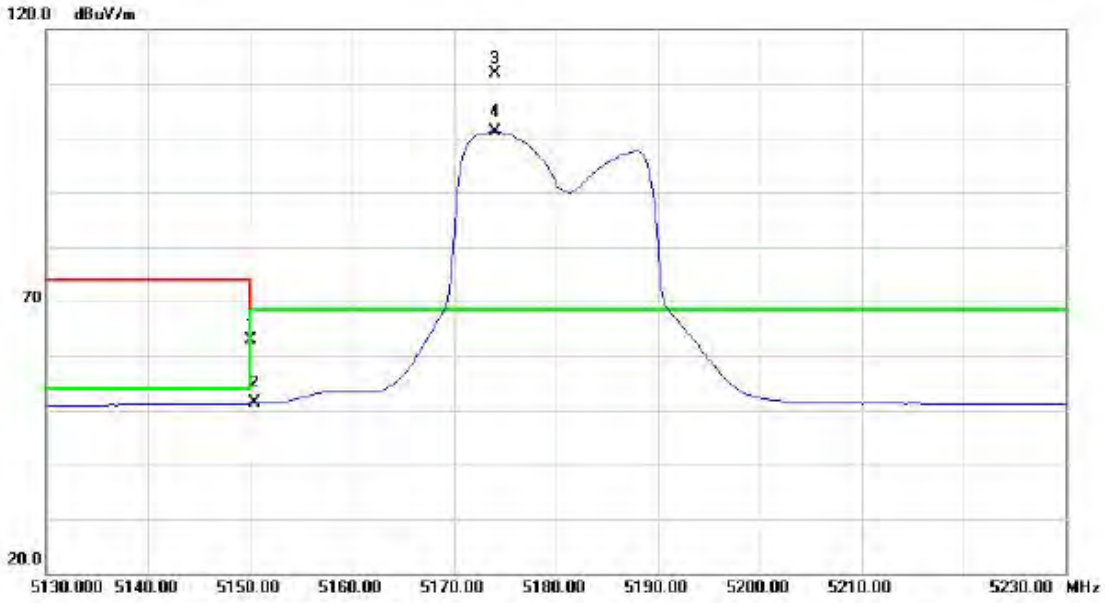
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10363.25	50.30	17.76	68.06	68.30	-0.24	peak	
2		10363.25	37.35	17.76	55.11	68.30	-13.19	AVG	
3		15542.97	46.08	19.30	65.38	74.00	-8.62	peak	
4		15542.97	32.96	19.30	52.26	54.00	-1.74	AVG	

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

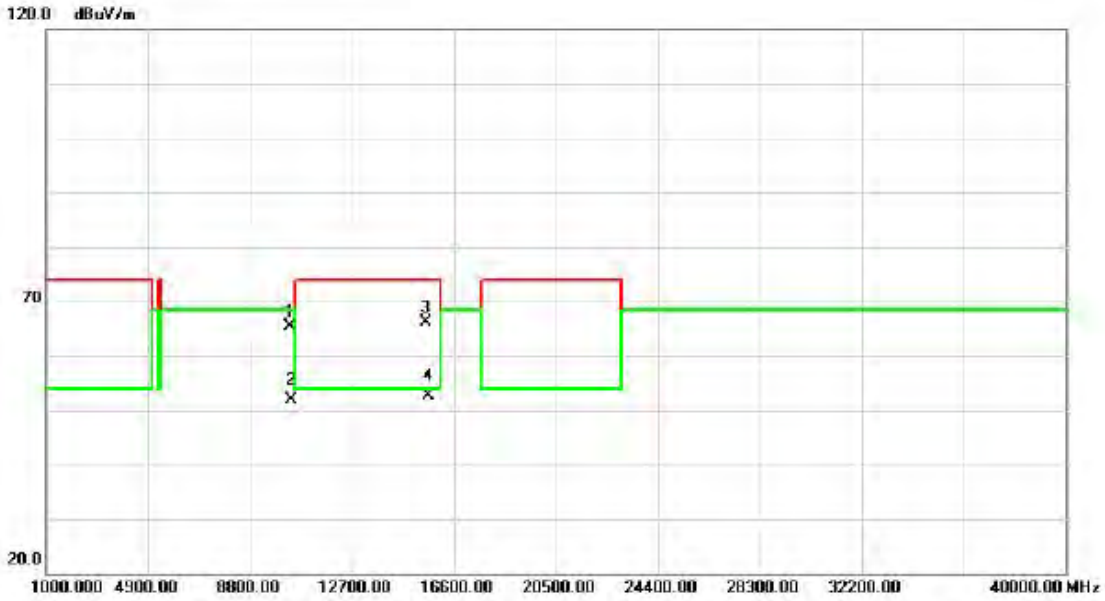
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.16	37.74	62.90	68.30	-5.40	peak	
2		5150.000	13.53	37.74	51.27	54.00	-2.73	AVG	
3	*	5174.000	74.02	37.82	111.84	68.30	43.54	peak	No Limit
4	X	5174.000	63.31	37.82	101.13	68.30	32.83	AVG	No Limit

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

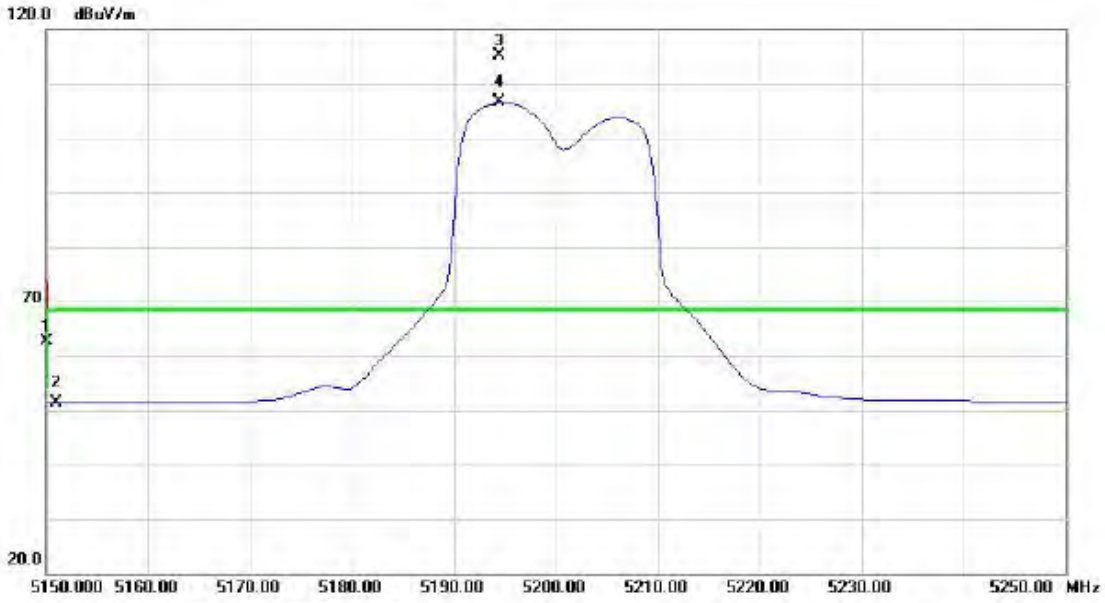
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10352.00	47.69	17.69	65.38	68.30	-2.92	peak	
2		10352.00	34.26	17.69	51.95	68.30	-16.35	AVG	
3		15534.12	46.77	19.30	66.07	74.00	-7.93	peak	
4	*	15534.12	33.36	19.30	52.66	54.00	-1.34	AVG	

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

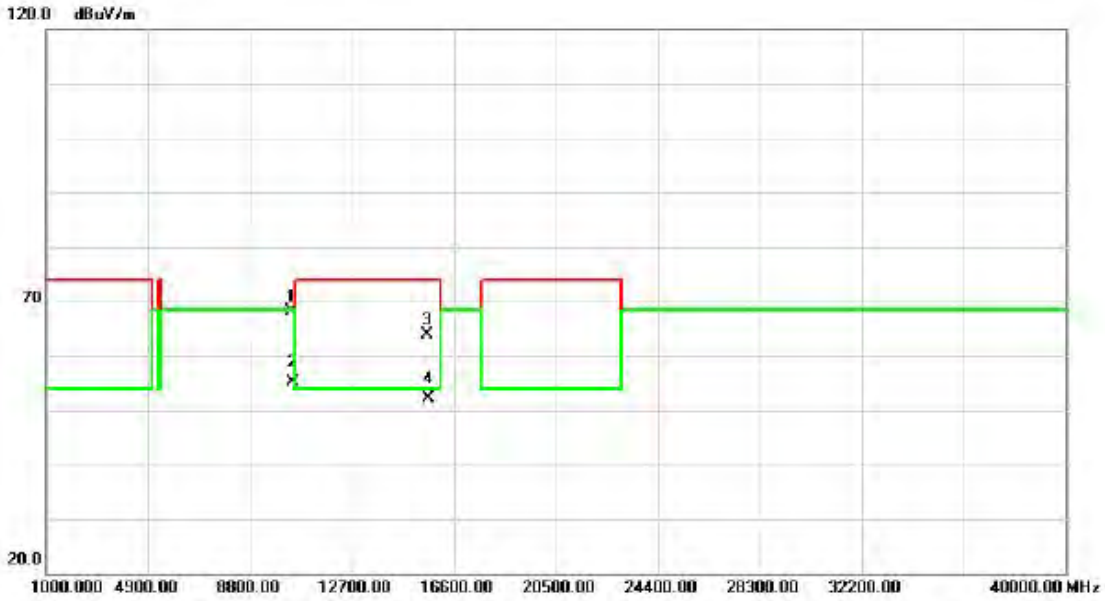
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.83	37.74	62.57	68.30	-5.73	peak	
2		5150.000	13.63	37.74	51.37	54.00	-2.63	AVG	
3	*	5194.500	77.33	37.89	115.22	68.30	46.92	peak	No Limit
4	X	5194.500	68.65	37.89	106.54	68.30	38.24	AVG	No Limit

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

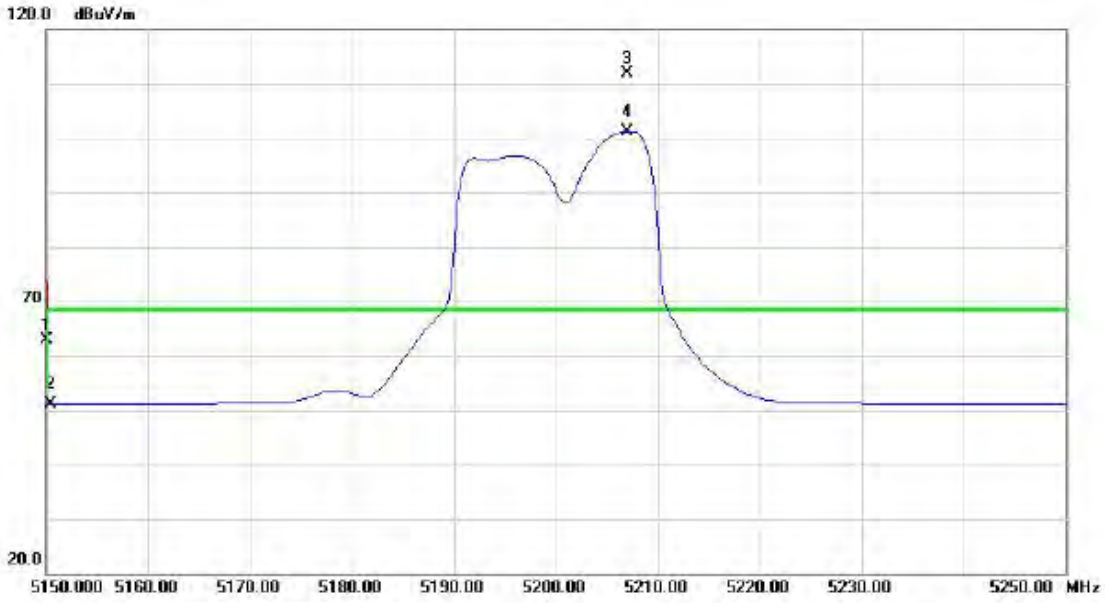
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10403.00	50.15	17.94	68.09	68.30	-0.21	peak	
2		10403.00	37.20	17.94	55.14	68.30	-13.16	AVG	
3		15609.90	44.54	19.33	63.87	74.00	-10.13	peak	
4		15609.90	32.90	19.33	52.23	54.00	-1.77	AVG	

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

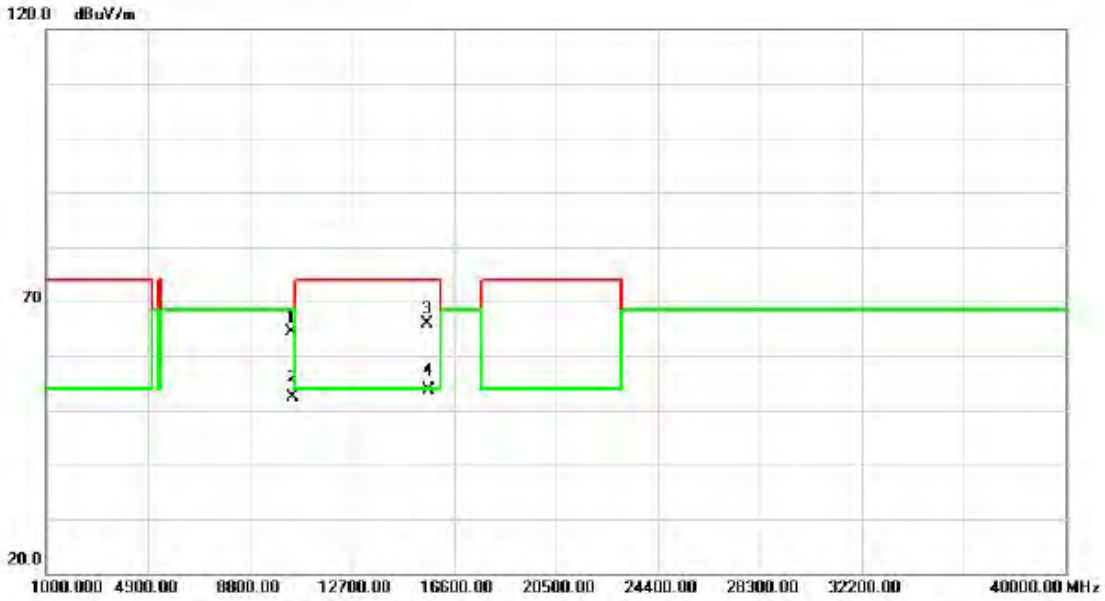
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.18	37.74	62.92	68.30	-5.38	peak	
2		5150.000	13.35	37.74	51.09	54.00	-2.91	AVG	
3	*	5207.000	74.02	37.94	111.96	68.30	43.66	peak	No Limit
4	X	5207.000	63.24	37.94	101.18	68.30	32.88	AVG	No Limit

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

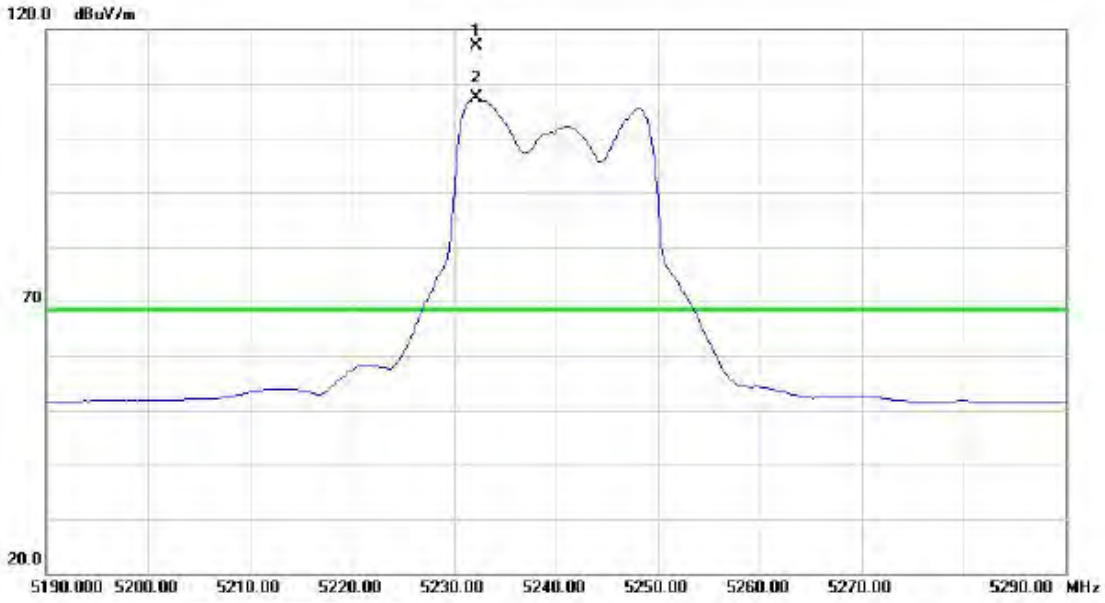
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10399.75	46.50	17.92	64.42	68.30	-3.88	peak	
2		10399.75	34.53	17.92	52.45	68.30	-15.85	AVG	
3		15601.87	46.45	19.32	65.77	74.00	-8.23	peak	
4	*	15601.87	34.23	19.32	53.55	54.00	-0.45	AVG	

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

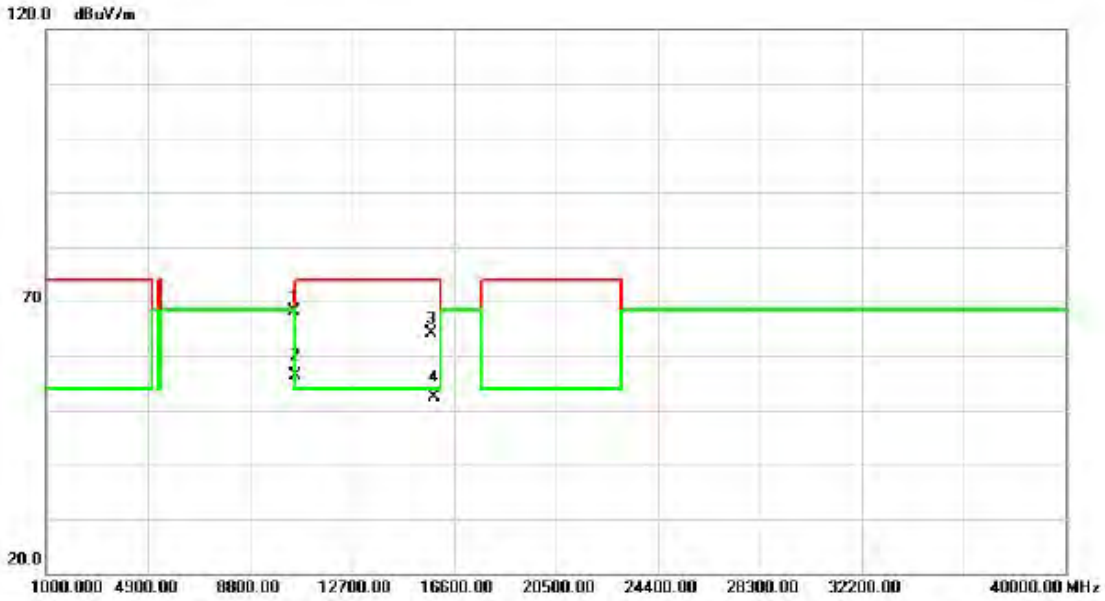
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5232.250	78.89	38.02	116.91	68.30	48.61	peak	No Limit
2	X	5232.250	69.31	38.02	107.33	68.30	39.03	AVG	No Limit

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

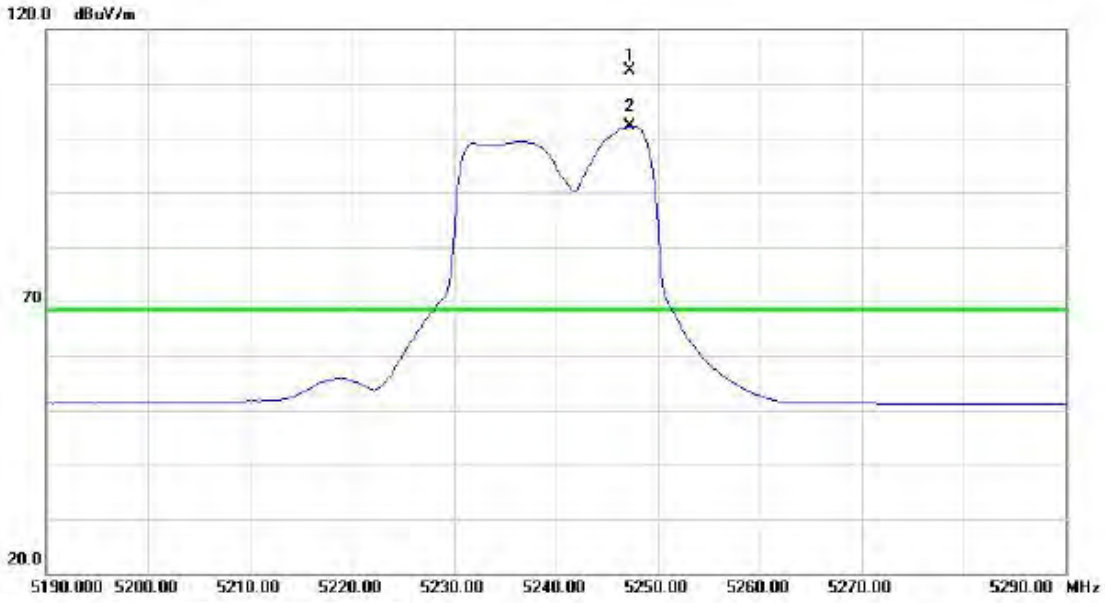
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10482.40	49.88	18.30	68.18	68.30	-0.12	peak	
2		10482.40	37.98	18.30	56.28	68.30	-12.02	AVG	
3		15723.70	44.82	19.37	64.19	74.00	-9.81	peak	
4		15723.70	33.00	19.37	52.37	54.00	-1.63	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 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	*	5247.250	74.25	38.08	112.33	68.30	44.03	peak	No Limit
2	X	5247.250	64.02	38.08	102.10	68.30	33.80	AVG	No Limit

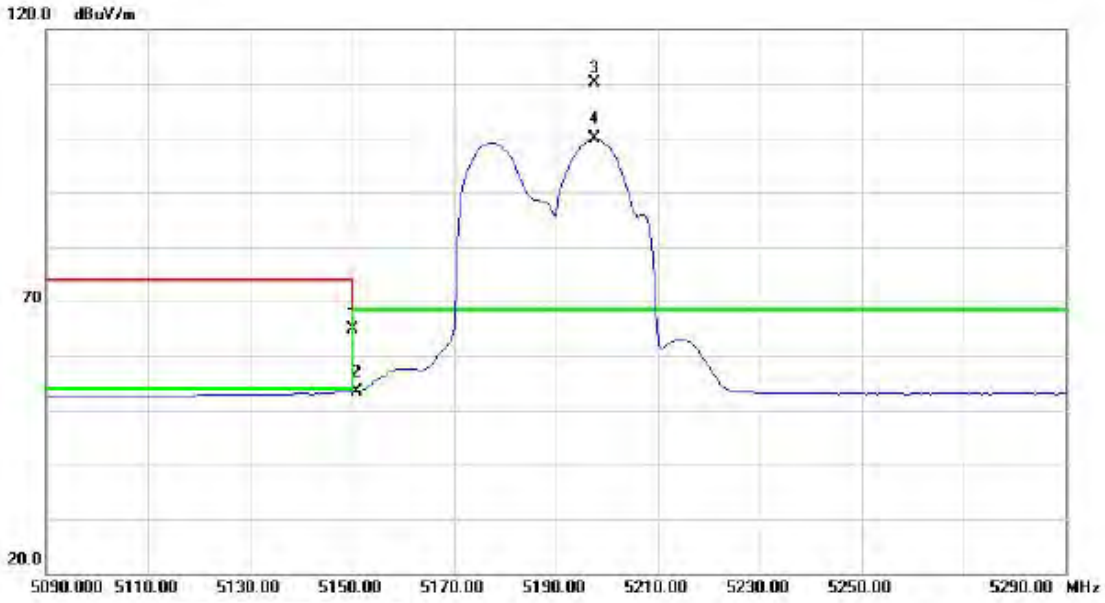
Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10472.62	49.30	18.27	67.57	68.30	-0.73	peak	
2		10472.62	37.23	18.27	55.50	68.30	-12.80	AVG	
3		15728.12	47.05	19.37	66.42	74.00	-7.58	peak	
4	*	15728.12	34.12	19.37	53.49	54.00	-0.51	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

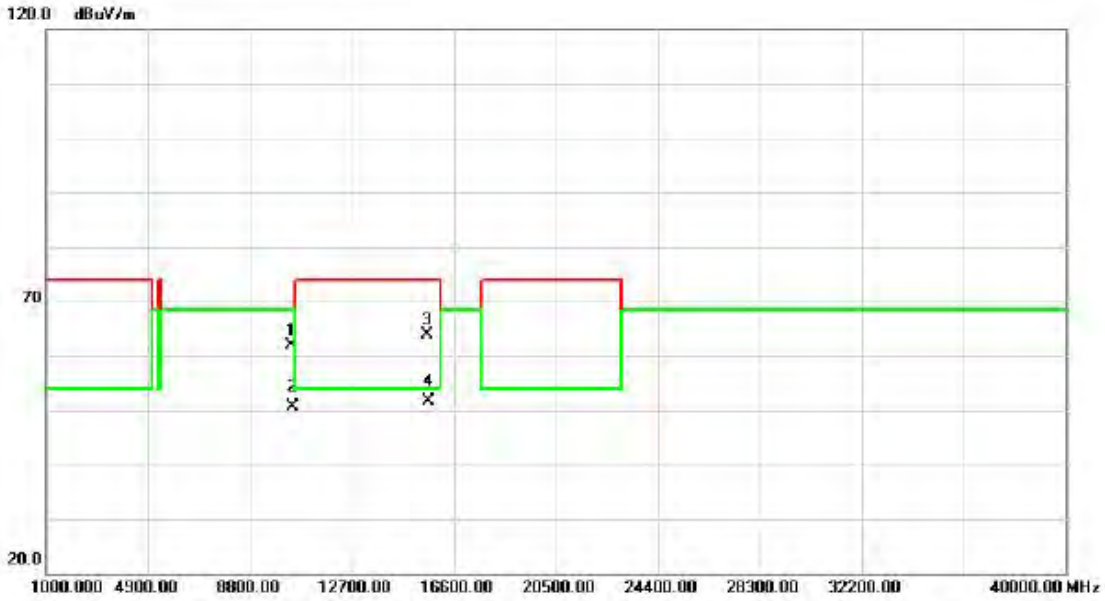
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.50	39.37	64.87	68.30	-3.43	peak	
2		5150.000	13.90	39.37	53.27	54.00	-0.73	AVG	
3	*	5197.500	70.54	39.55	110.09	68.30	41.79	peak	No Limit
4	X	5197.500	60.31	39.55	99.86	68.30	31.56	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

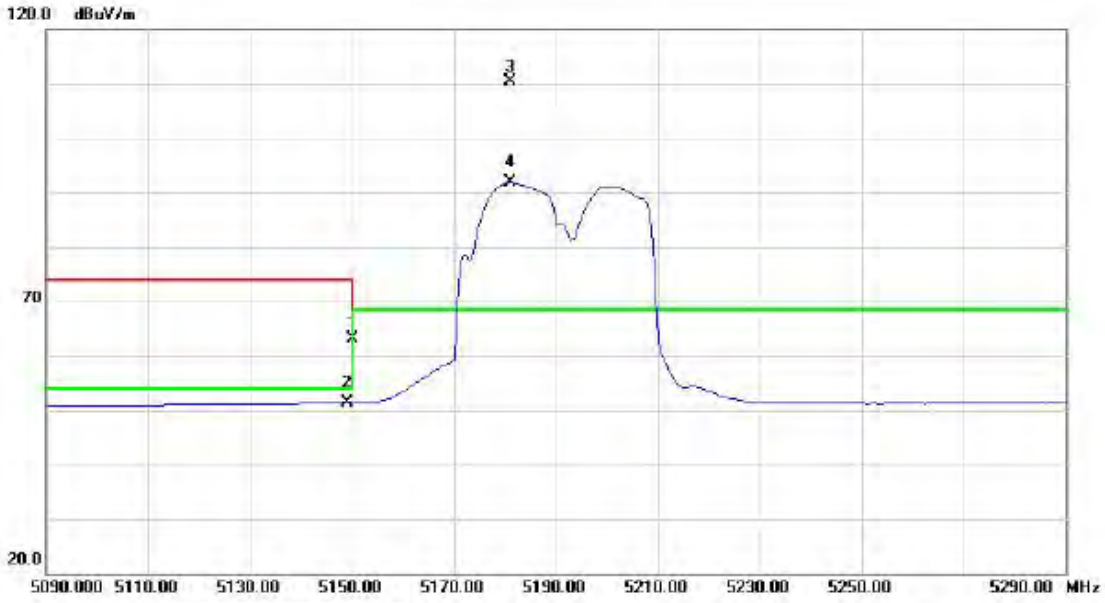
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10383.10	44.12	17.84	61.96	68.30	-6.34	peak	
2		10383.10	32.67	17.84	50.51	68.30	-17.79	AVG	
3		15572.10	44.63	19.31	63.94	74.00	-10.06	peak	
4	*	15572.10	32.43	19.31	51.74	54.00	-2.26	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

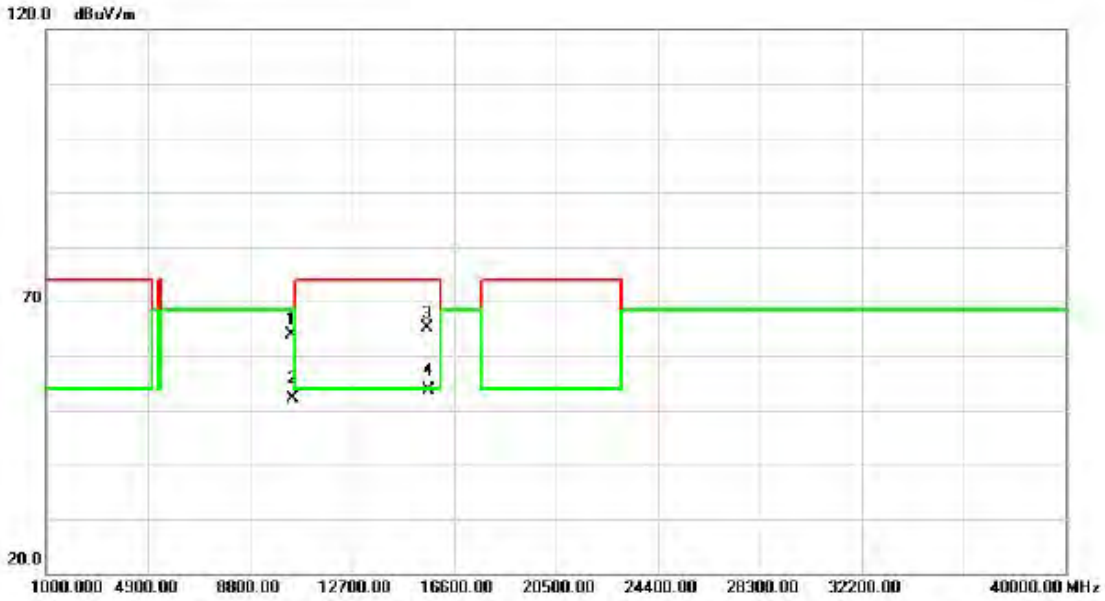
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.34	37.74	63.08	68.30	-5.22	peak	
2		5150.000	13.74	37.74	51.48	54.00	-2.52	AVG	
3	*	5181.000	72.43	37.85	110.28	68.30	41.98	peak	No Limit
4	X	5181.000	53.91	37.85	91.76	68.30	23.46	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

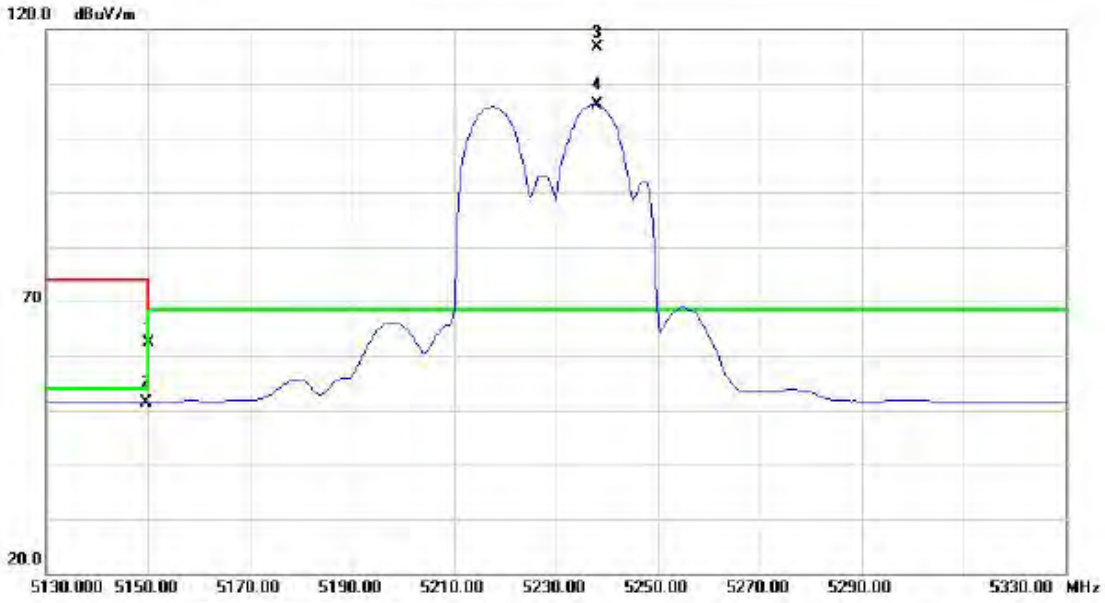
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10369.87	46.20	17.79	63.99	68.30	-4.31	peak	
2		10369.87	34.32	17.79	52.11	68.30	-16.19	AVG	
3		15574.00	45.77	19.32	65.09	74.00	-8.91	peak	
4	*	15574.00	34.23	19.32	53.55	54.00	-0.45	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

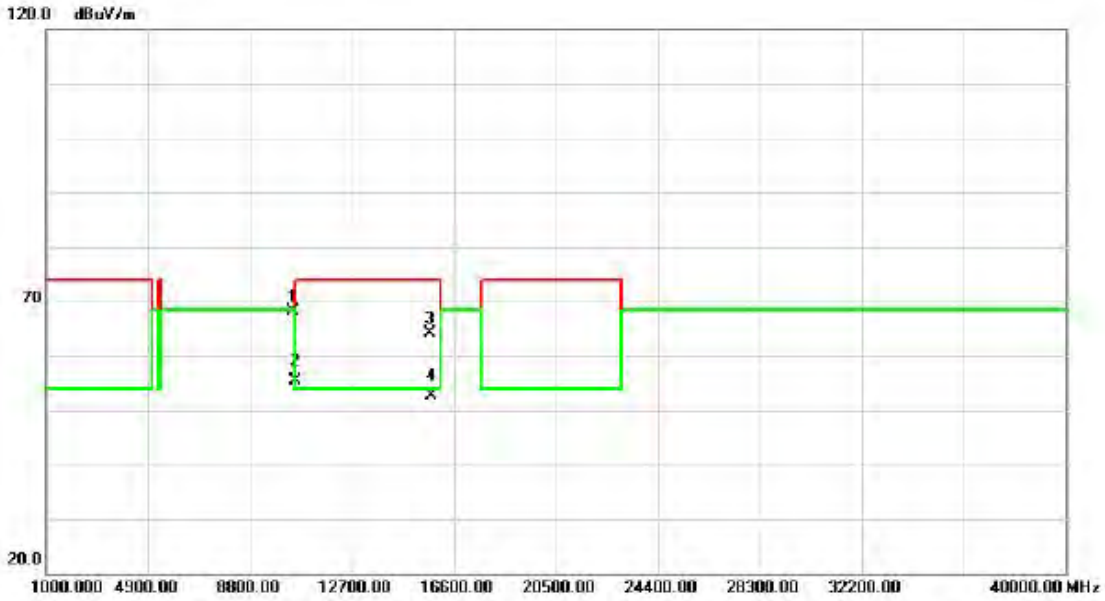
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	24.53	37.74	62.27	68.30	-6.03	peak	
2		5150.000	13.73	37.74	51.47	54.00	-2.53	AVG	
3	*	5238.000	78.64	38.05	116.69	68.30	48.39	peak	No Limit
4	X	5238.000	68.07	38.05	106.12	68.30	37.82	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

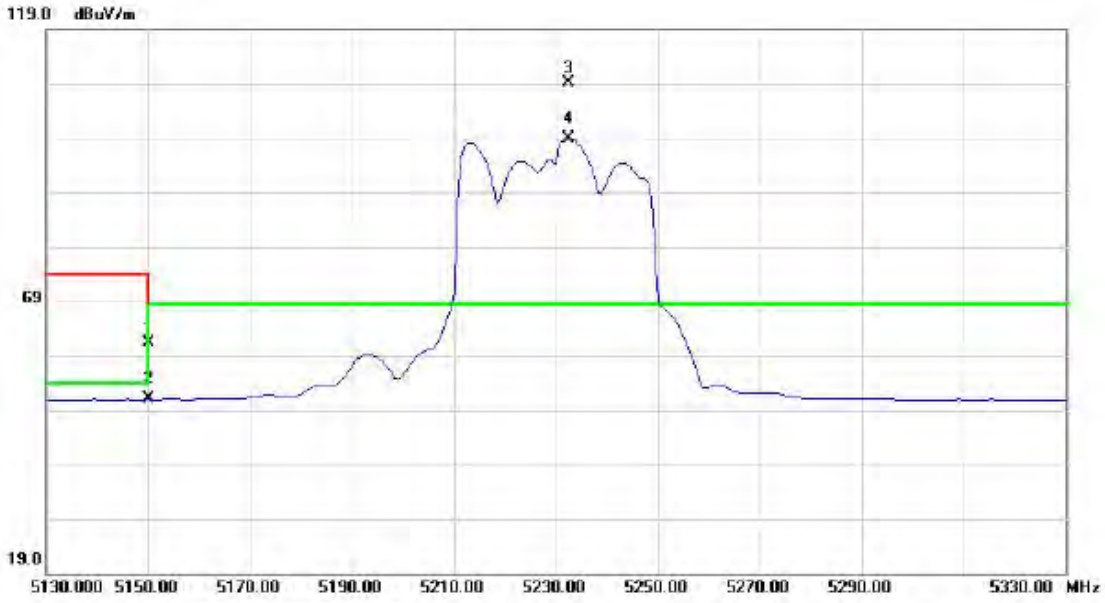
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10463.65	49.88	18.23	68.11	68.30	-0.19	peak	
2		10463.65	37.26	18.23	55.49	68.30	-12.81	AVG	
3		15686.15	44.85	19.36	64.21	74.00	-9.79	peak	
4		15686.15	33.16	19.36	52.52	54.00	-1.48	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

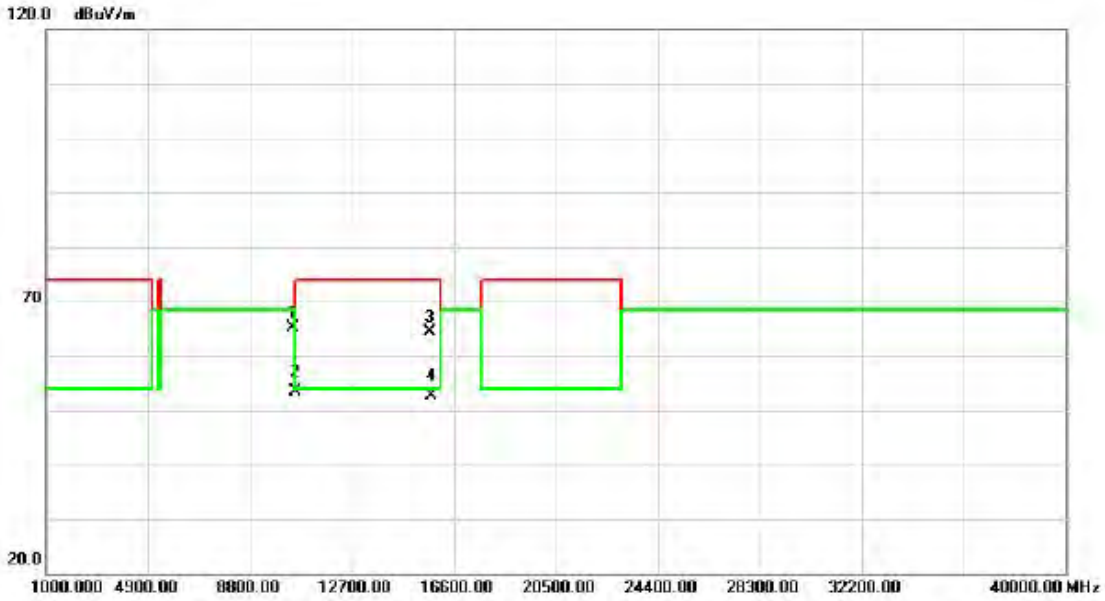
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	23.65	37.74	61.39	68.30	-6.91	peak	
2		5150.000	13.27	37.74	51.01	54.00	-2.99	AVG	
3	*	5232.500	71.10	38.03	109.13	68.30	40.83	peak	No Limit
4	X	5232.500	60.86	38.03	98.89	68.30	30.59	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

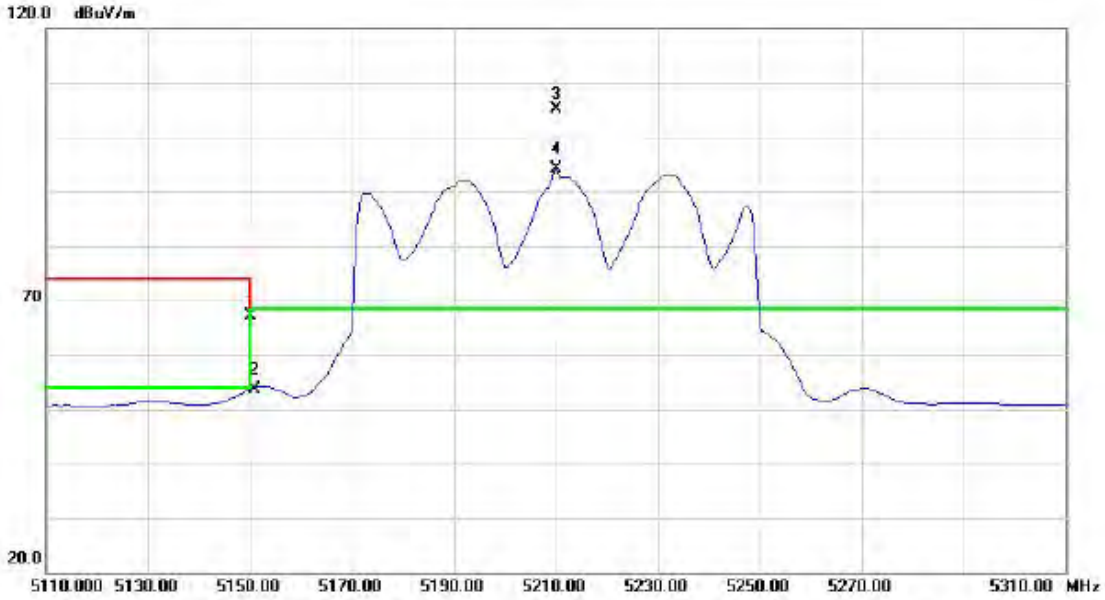
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10462.35	46.97	18.21	65.18	68.30	-3.12	peak	
2		10462.35	35.20	18.21	53.41	68.30	-14.89	AVG	
3		15687.37	44.92	19.36	64.28	74.00	-9.72	peak	
4	*	15687.37	33.19	19.36	52.55	54.00	-1.45	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

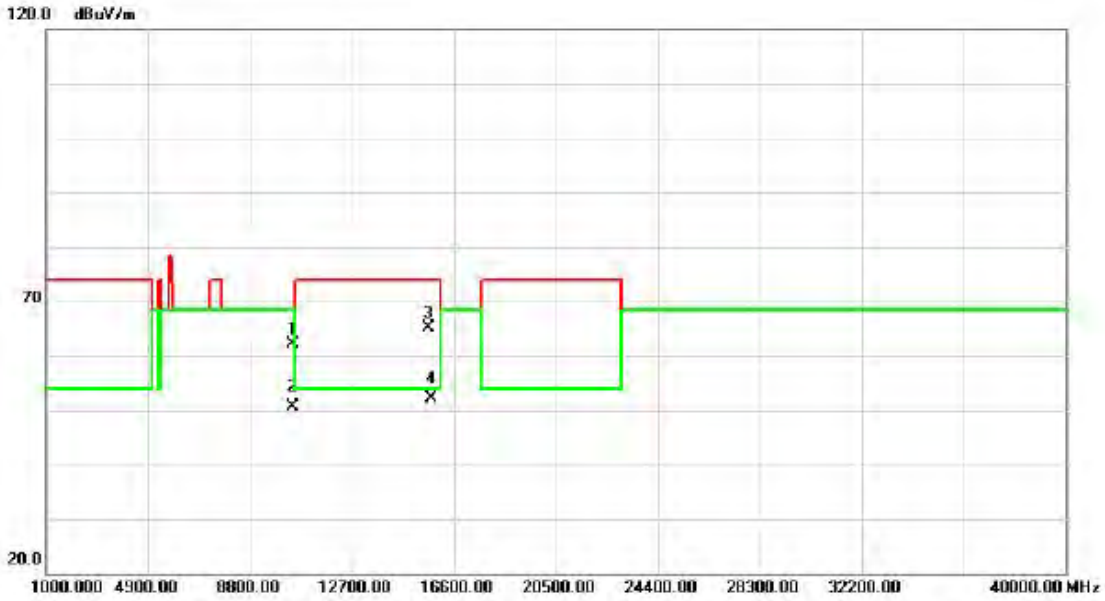
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	29.50	37.74	67.24	68.30	-1.06	peak	
2		5150.000	15.93	37.74	53.67	54.00	-0.33	AVG	
3	*	5210.000	67.23	37.94	105.17	68.30	36.87	peak	No Limit
4	X	5210.000	56.15	37.94	94.09	68.30	25.79	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

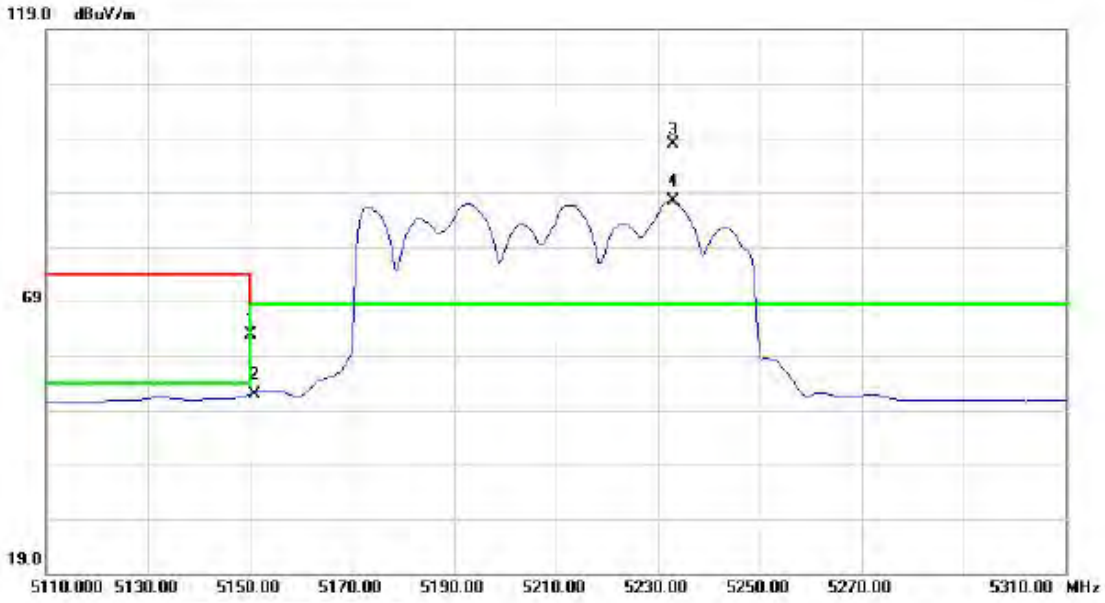
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10418.15	44.02	18.01	62.03	68.30	-6.27	peak	
2		10418.15	32.50	18.01	50.51	68.30	-17.79	AVG	
3		15629.52	45.70	19.34	65.04	74.00	-8.96	peak	
4	*	15629.52	32.82	19.34	52.16	54.00	-1.84	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

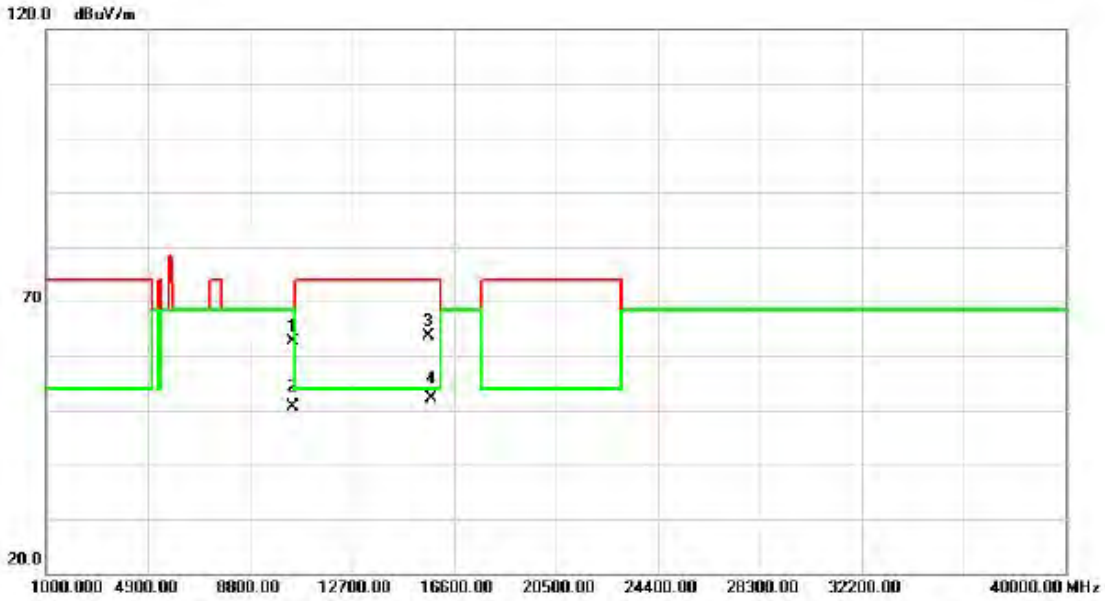
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	25.20	37.74	62.94	68.30	-5.36	peak	
2		5150.000	14.19	37.74	51.93	54.00	-2.07	AVG	
3	*	5233.000	59.84	38.03	97.87	68.30	29.57	peak	No Limit
4	X	5233.000	49.30	38.03	87.33	68.30	19.03	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

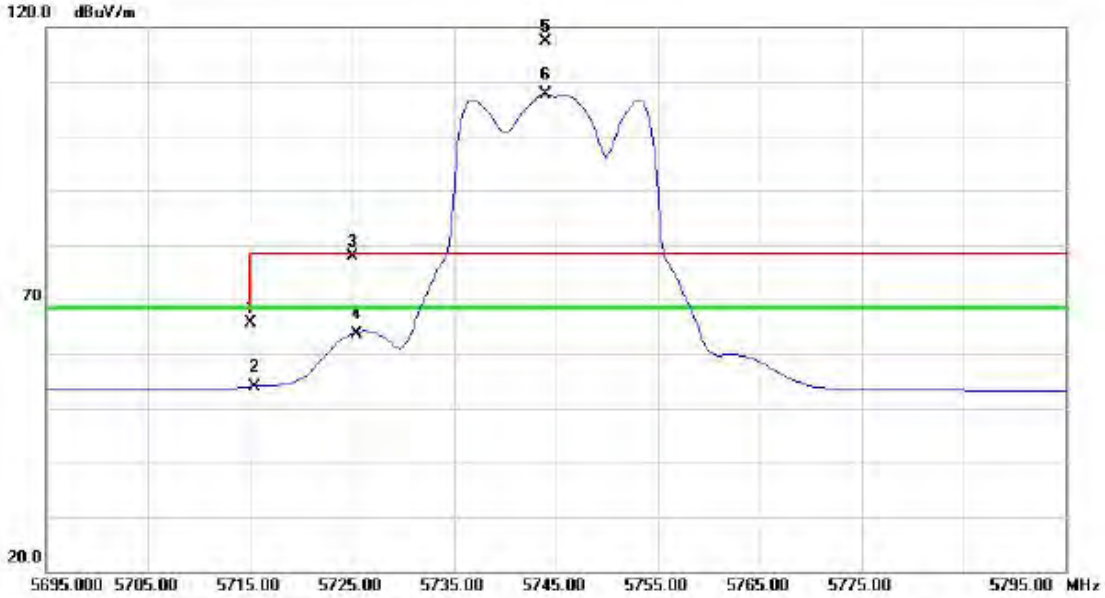
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10418.55	44.69	18.02	62.71	68.30	-5.59	peak	
2		10418.55	32.50	18.02	50.52	68.30	-17.78	AVG	
3		15634.20	44.31	19.34	63.65	74.00	-10.35	peak	
4	*	15634.20	32.86	19.34	52.20	54.00	-1.80	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

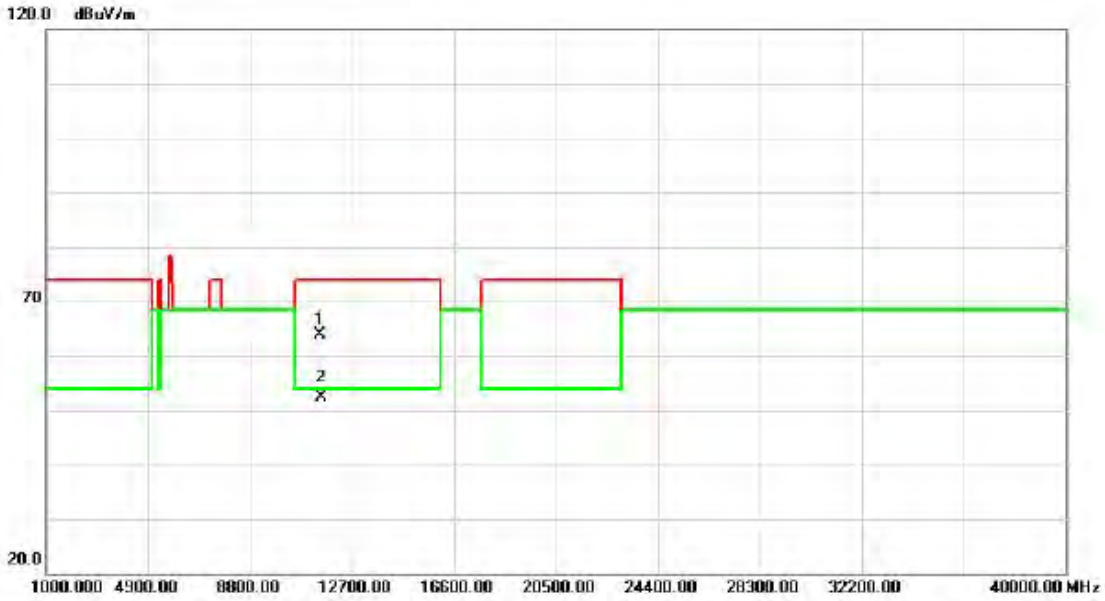
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	26.30	39.43	65.73	68.30	-2.57	peak	
2		5715.000	14.50	39.43	53.93	68.30	-14.37	AVG	
3		5725.000	38.40	39.45	77.85	78.30	-0.45	peak	
4		5725.000	24.27	39.45	63.72	68.30	-4.58	AVG	
5	X	5744.000	77.80	39.50	117.30	78.30	39.00	peak	No Limit
6	*	5744.000	68.13	39.50	107.63	68.30	39.33	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

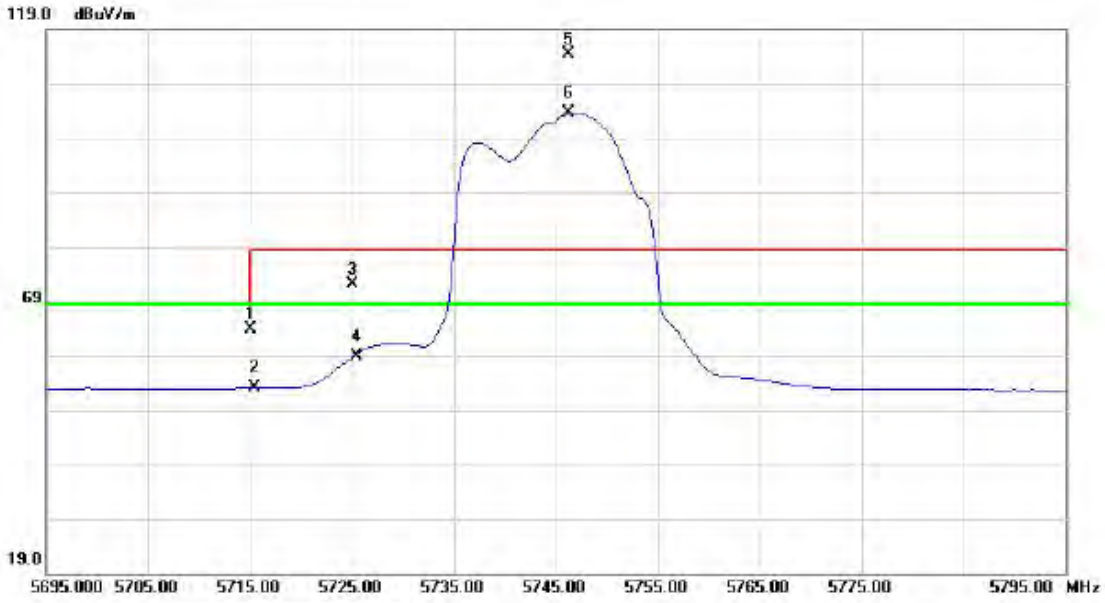
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11494.32	43.50	20.34	63.84	74.00	-10.16	peak	
2	*	11494.32	32.02	20.34	52.36	54.00	-1.64	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

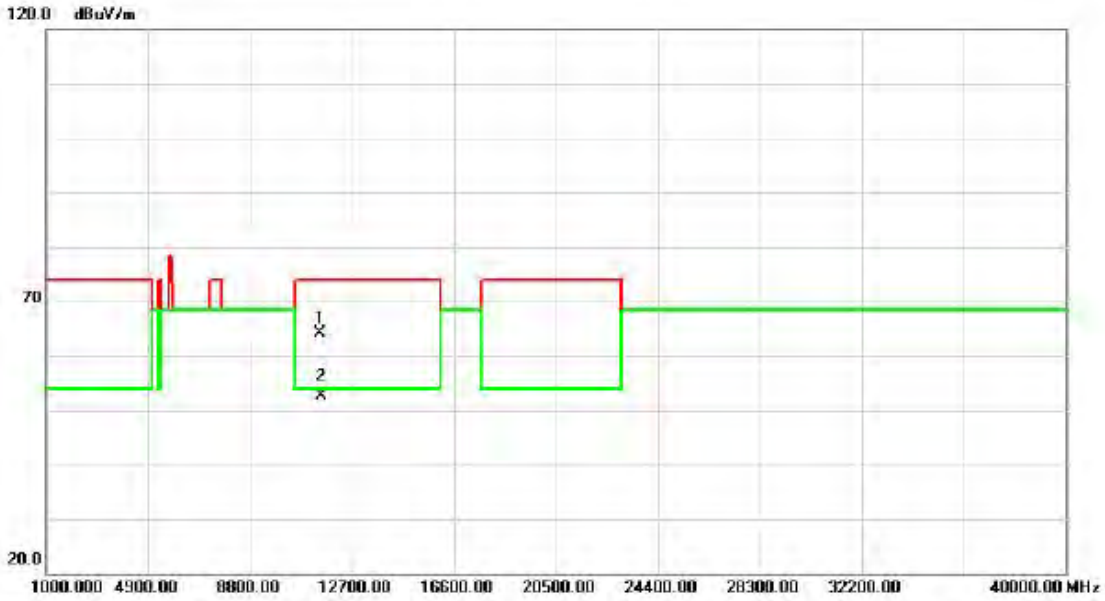
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	24.50	39.43	63.93	68.30	-4.37	peak	
2		5715.000	13.58	39.43	53.01	68.30	-15.29	AVG	
3		5725.000	32.80	39.45	72.25	78.30	-6.05	peak	
4		5725.000	19.37	39.45	58.82	68.30	-9.48	AVG	
5	*	5746.250	74.85	39.50	114.35	78.30	36.05	peak	No Limit
6	X	5746.250	64.16	39.50	103.66	68.30	35.36	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

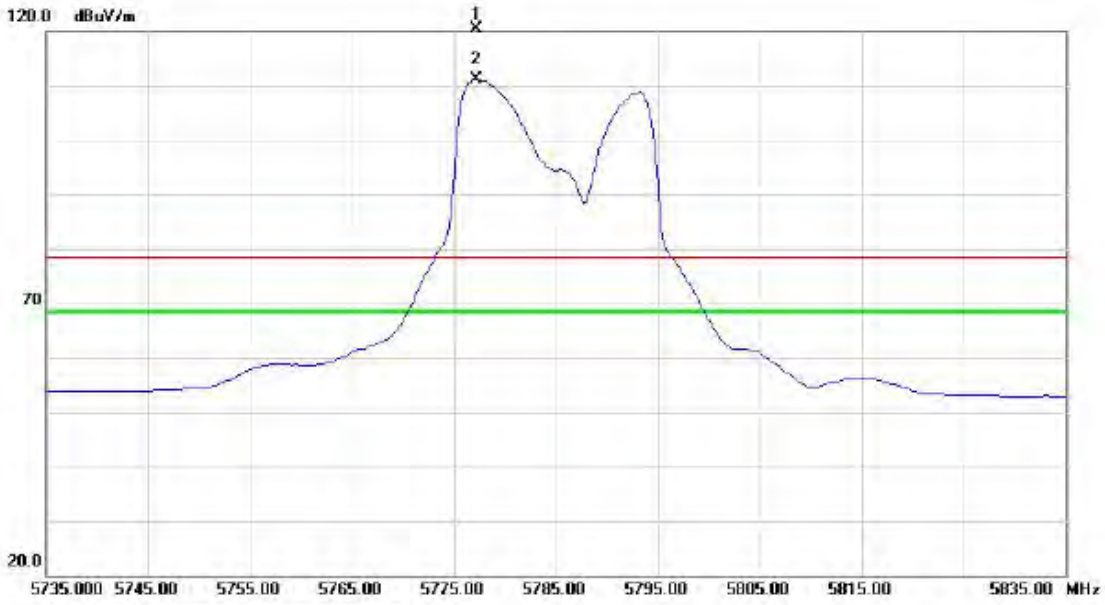
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11492.02	43.72	20.34	64.06	74.00	-9.94	peak	
2	*	11492.02	32.36	20.34	52.70	54.00	-1.30	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

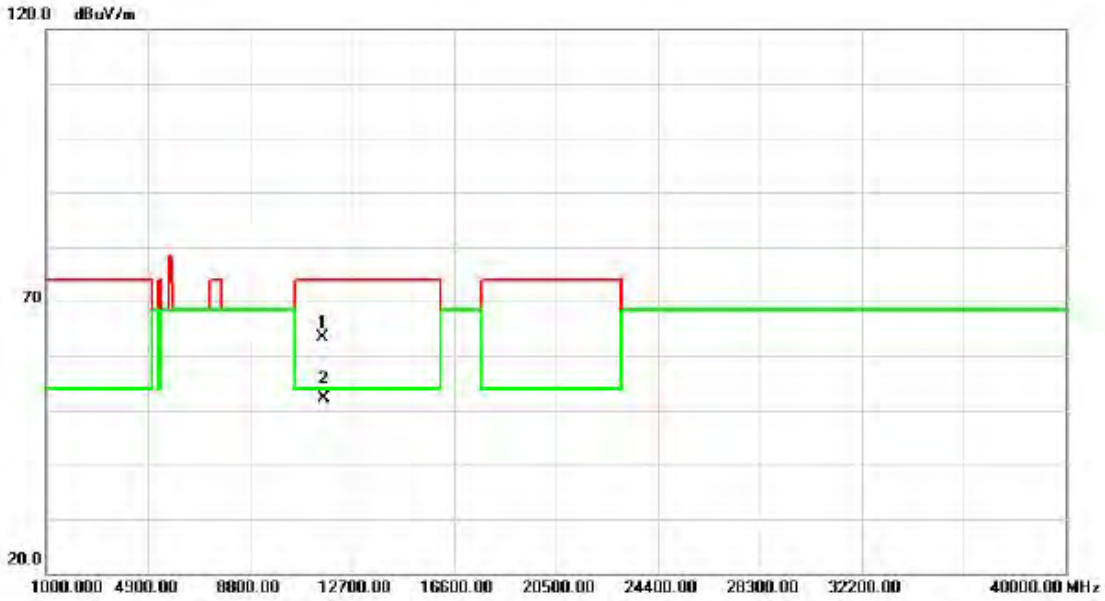
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5777.250	80.80	39.57	120.37	78.30	42.07	peak	No Limit
2	*	5777.250	71.57	39.57	111.14	68.30	42.84	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

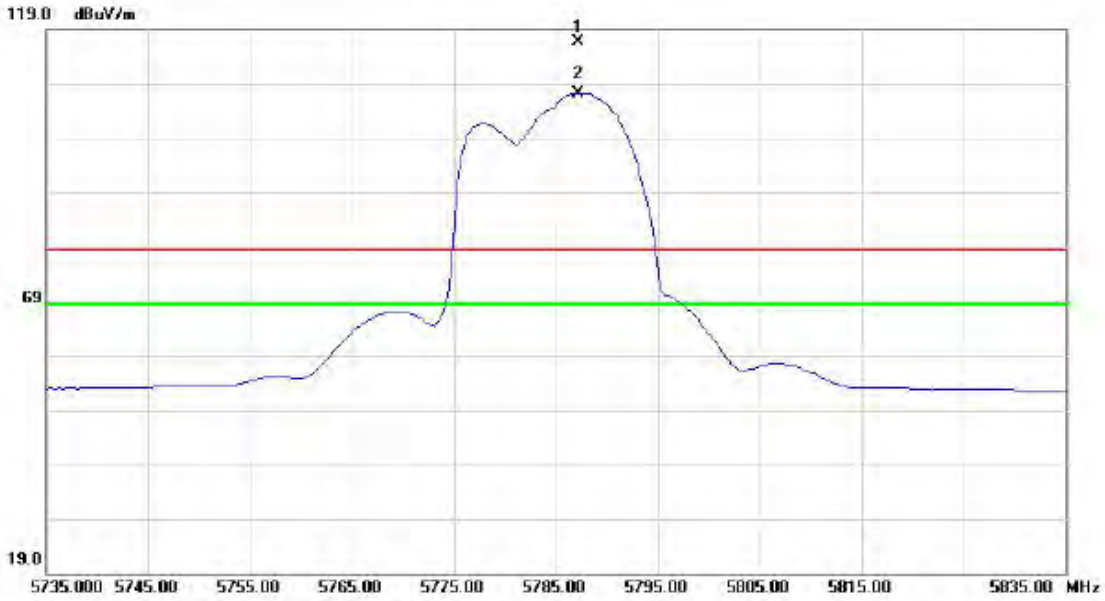
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11567.67	43.00	20.40	63.40	74.00	-10.60	peak	
2	*	11567.67	31.64	20.40	52.04	54.00	-1.96	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

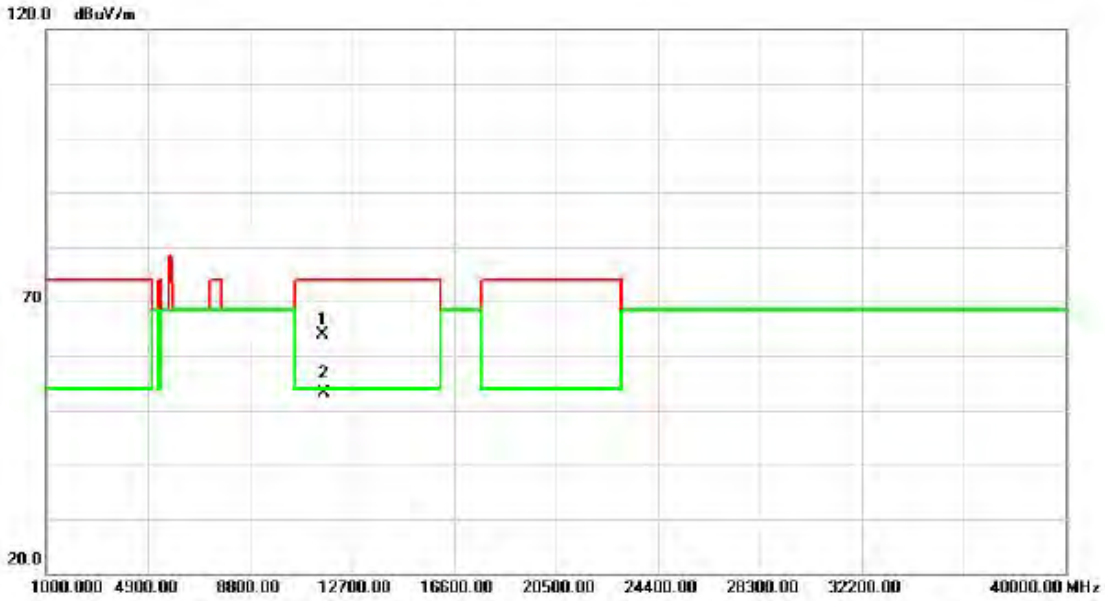
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5787.250	77.12	39.60	116.72	78.30	38.42	peak	No Limit
2	*	5787.250	67.62	39.60	107.22	68.30	38.92	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

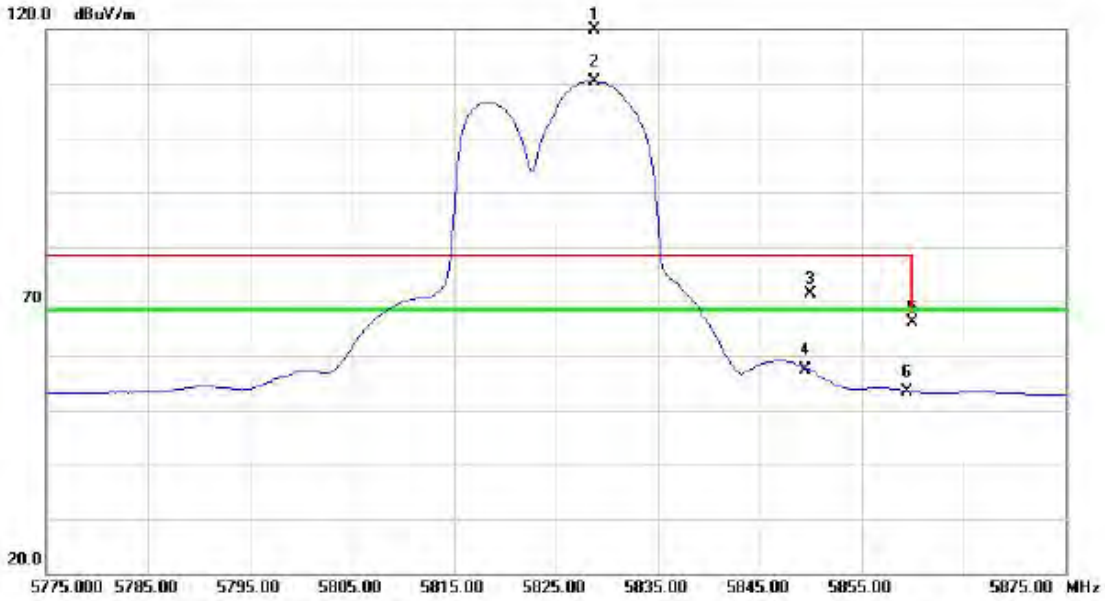
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11572.90	43.35	20.42	63.77	74.00	-10.23	peak	
2	*	11572.90	32.81	20.42	53.23	54.00	-0.77	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

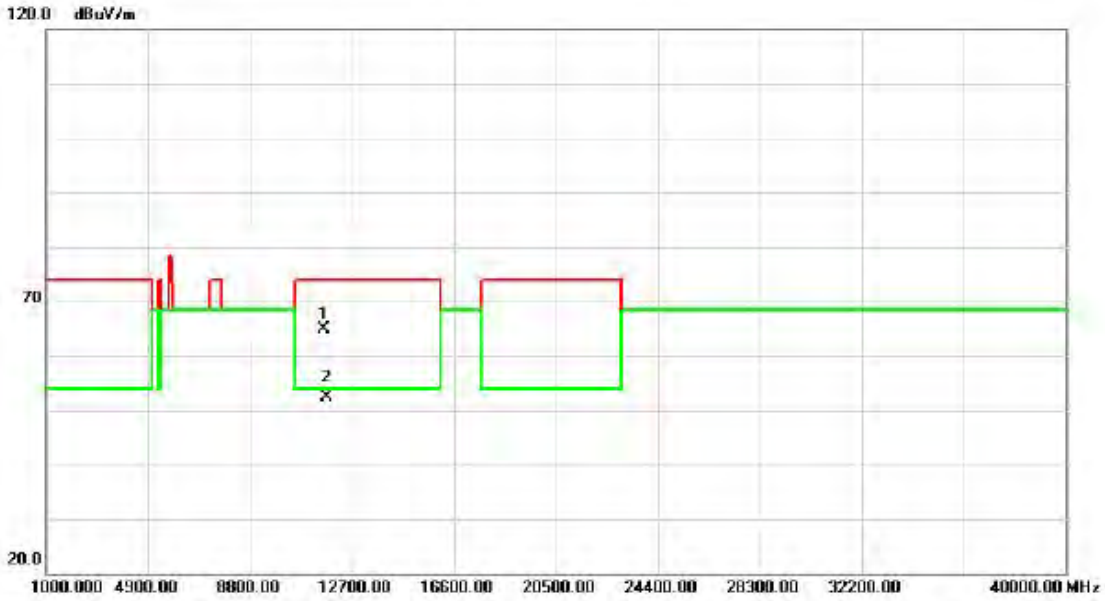
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5828.750	80.20	39.68	119.88	78.30	41.58	peak	No Limit
2	*	5828.750	70.75	39.68	110.43	68.30	42.13	AVG	No Limit
3		5850.000	31.60	39.73	71.33	78.30	-6.97	peak	
4		5850.000	17.55	39.73	57.28	68.30	-11.02	AVG	
5		5860.000	26.30	39.76	66.06	68.30	-2.24	peak	
6		5860.000	13.68	39.76	53.44	68.30	-14.86	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

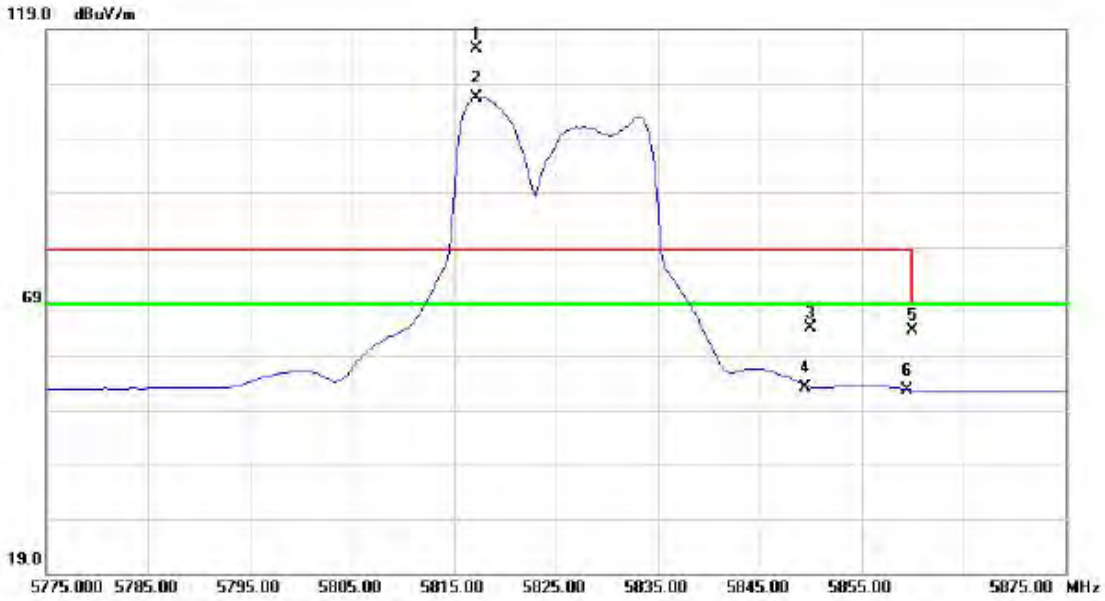
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11648.57	44.30	20.50	64.80	74.00	-9.20	peak	
2	*	11648.57	31.92	20.50	52.42	54.00	-1.58	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

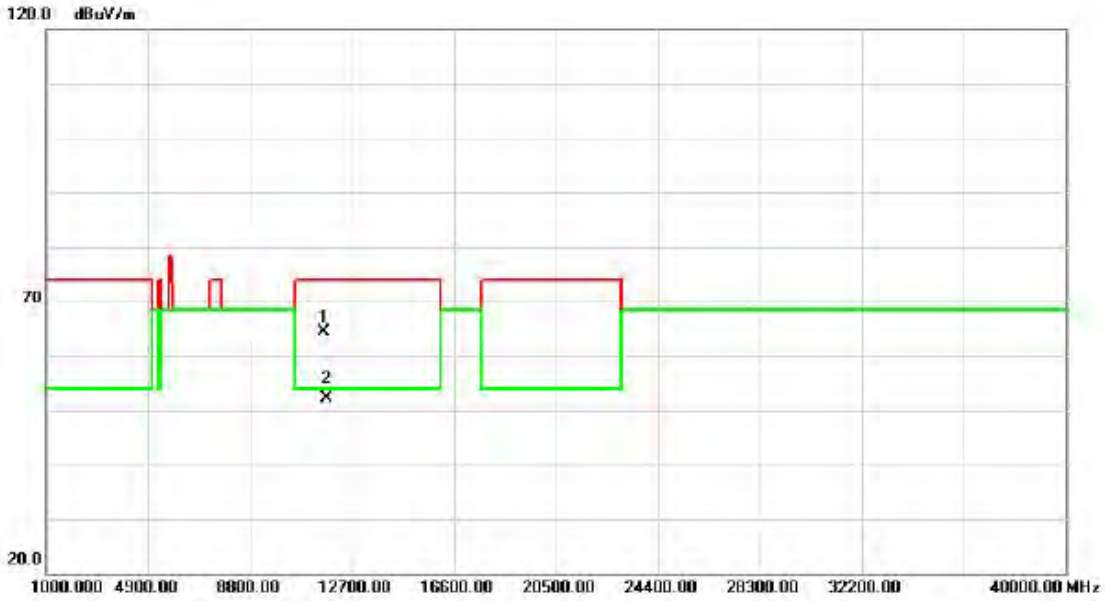
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5817.250	75.81	39.66	115.47	78.30	37.17	peak	No Limit
2	*	5817.250	66.73	39.66	106.39	68.30	38.09	AVG	No Limit
3		5850.000	24.36	39.73	64.09	78.30	-14.21	peak	
4		5850.000	13.51	39.73	53.24	68.30	-15.06	AVG	
5		5860.000	23.87	39.76	63.63	68.30	-4.67	peak	
6		5860.000	12.98	39.76	52.74	68.30	-15.56	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

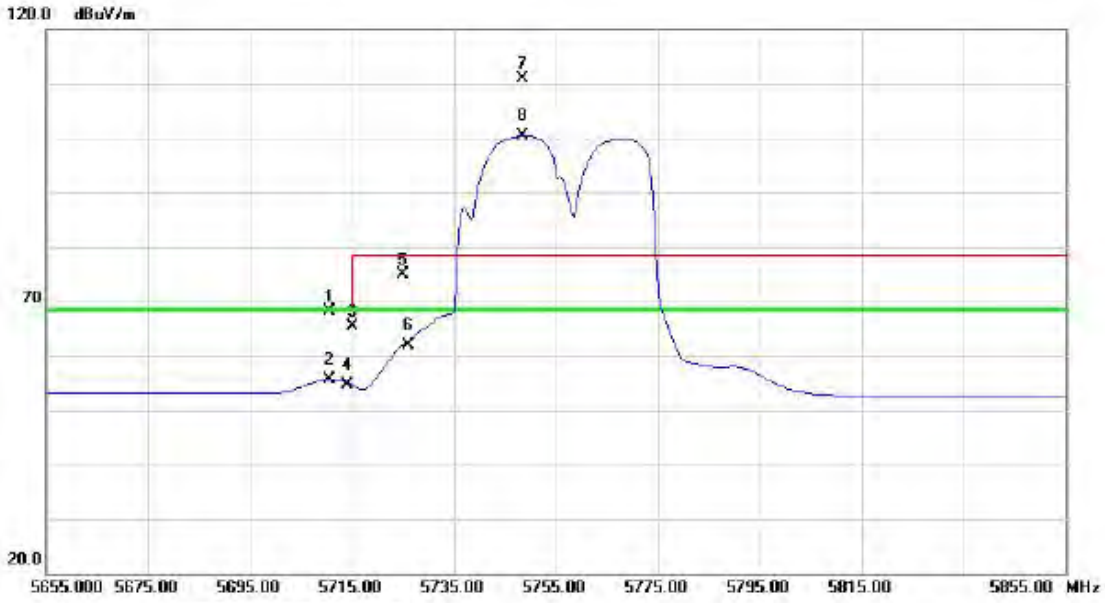
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11651.52	43.85	20.52	64.37	74.00	-9.63	peak	
2	*	11651.52	31.58	20.52	52.10	54.00	-1.90	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

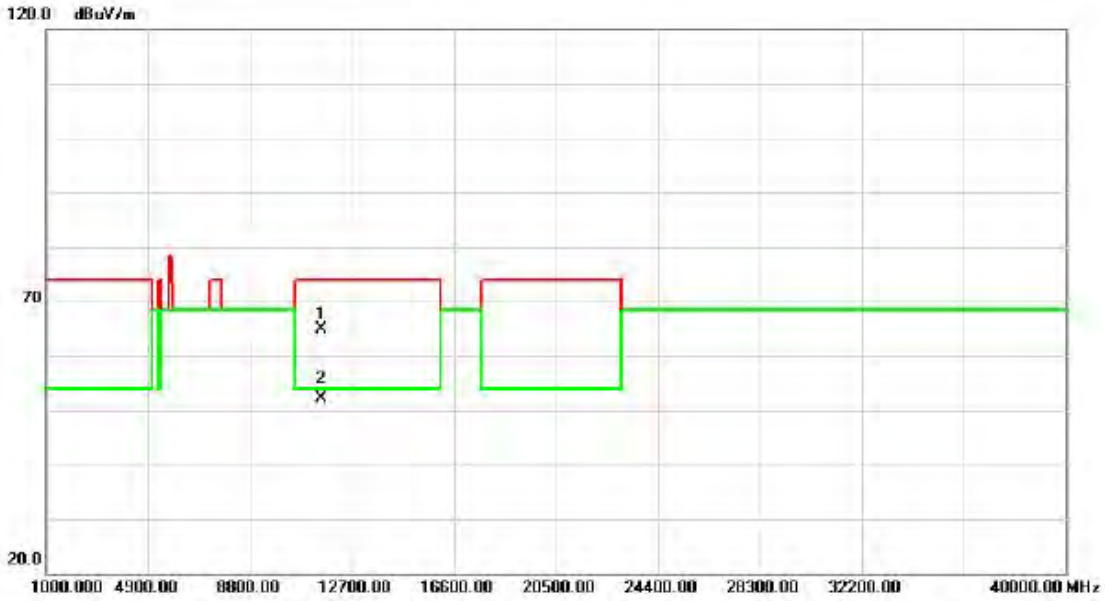
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5710.500	28.66	39.42	68.08	68.30	-0.22	peak	
2		5710.500	16.24	39.42	55.66	68.30	-12.64	AVG	
3		5715.000	25.98	39.43	65.41	68.30	-2.89	peak	
4		5715.000	15.13	39.43	54.56	68.30	-13.74	AVG	
5		5725.000	35.50	39.45	74.95	78.30	-3.35	peak	
6		5725.000	22.40	39.45	61.85	68.30	-6.45	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11506.02	44.65	20.34	64.99	74.00	-9.01	peak	
2	*	11506.02	31.72	20.34	52.06	54.00	-1.94	AVG	

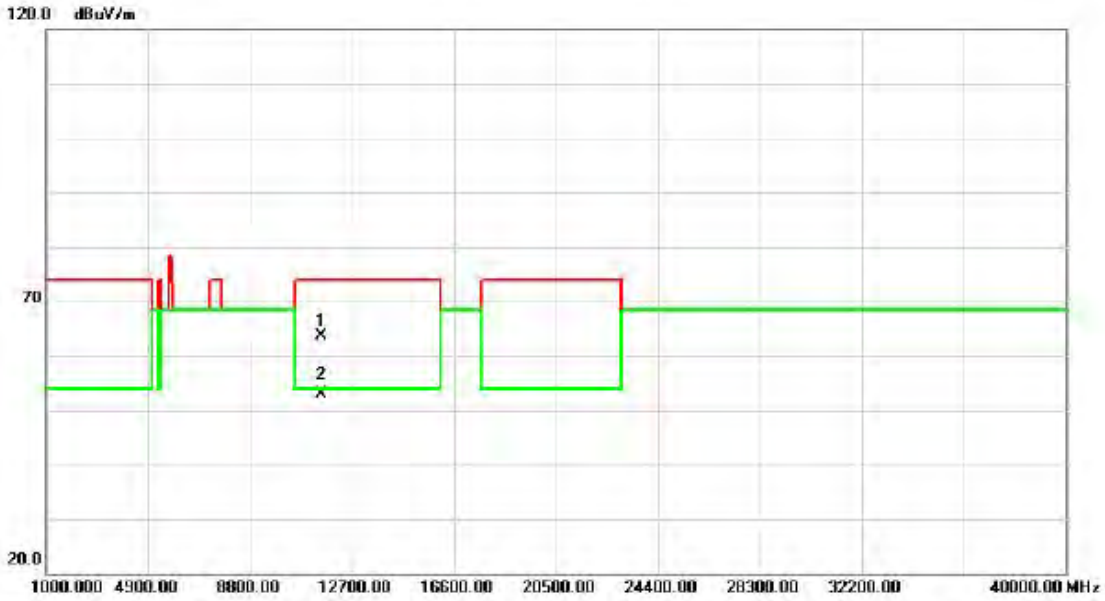
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	24.60	39.43	64.03	68.30	-4.27	peak	
2		5715.000	15.14	39.43	54.57	68.30	-13.73	AVG	
3		5718.000	28.70	39.44	68.14	78.30	-10.16	peak	
4		5718.000	16.37	39.44	55.81	68.30	-12.49	AVG	
5		5725.000	24.80	39.45	64.25	78.30	-14.05	peak	
6		5725.000	15.02	39.45	54.47	68.30	-13.83	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

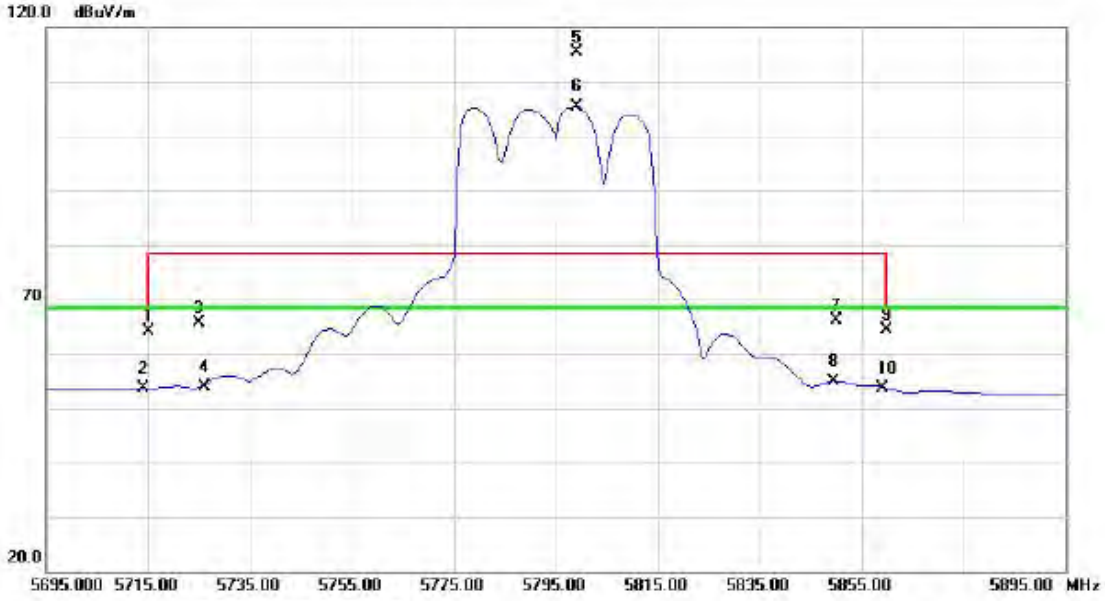
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	43.34	20.35	63.69	74.00	-10.31	peak	
2	*	11510.00	32.42	20.35	52.77	54.00	-1.23	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

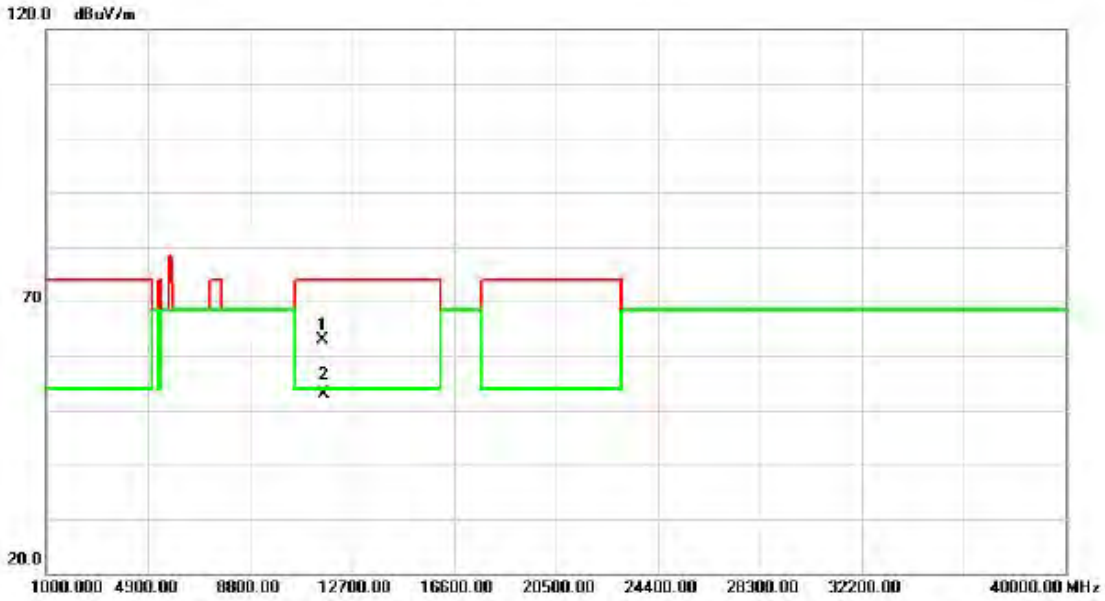
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	24.80	39.43	64.23	68.30	-4.07	peak	
2		5715.000	14.14	39.43	53.57	68.30	-14.73	AVG	
3		5725.000	26.30	39.45	65.75	78.30	-12.55	peak	
4		5725.000	14.34	39.45	53.79	68.30	-14.51	AVG	
5	*	5799.000	75.86	39.62	115.48	78.30	37.18	peak	No Limit
6	X	5799.000	65.69	39.62	105.31	68.30	37.01	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.15	42.37	20.44	62.81	74.00	-11.19	peak	
2	*	11590.15	32.50	20.44	52.94	54.00	-1.06	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	24.50	39.43	63.93	68.30	-4.37	peak	
2		5715.000	13.57	39.43	53.00	68.30	-15.30	AVG	
3		5725.000	24.80	39.45	64.25	78.30	-14.05	peak	
4		5725.000	13.64	39.45	53.09	68.30	-15.21	AVG	
5	*	5797.000	73.46	39.61	113.07	78.30	34.77	peak	No Limit
6	X	5797.000	63.34	39.61	102.95	68.30	34.65	AVG	No Limit