

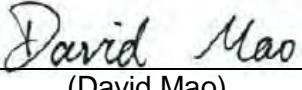
FCC Radio Test Report

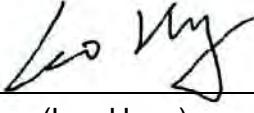
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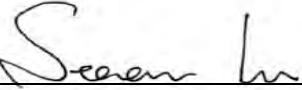
This report concerns (check one): Original Grant Class II Change

Project No. : 1408C128
Equipment : AC1200 Wireless Dual Band PCI-E Adapter
Model Name : WF2166
Applicant : NETIS SYSTEMS CO., LTD
Address : 4F&5F R&D Building, Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.

Date of Receipt : Aug. 14, 2014
Date of Test : Aug. 14, 2014~ Sep. 02, 2014
Issued Date : Sep. 03, 2014
Tested by : BTL Inc.

Testing Engineer : 
(David Mao)

Technical Manager : 
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Authorized Signatory : 
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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with 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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Limitation

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
NEI-FCCP-1-1408C128	Original Issue.	Sep. 03, 2014

1. CERTIFICATION

Equipment : AC1200 Wireless Dual Band PCI-E Adapter
Brand Name : netis
Model Name : WF2166
Applicant : NETIS SYSTEMS CO., LTD
Manufacturer : Shenzhen Netcore Industrial Ltd.
Address : 4F&5F R&D Building , Oriental Cyberport, High-Tech Industrial Park, Nanshan, Shenzhen, China.
Factory : Dongguan City Netcore Network Technology Co.,Ltd.
Address : No.10-1,Sankeng Road,Qinghutou,Tangxia Town,Dongguan City
Date of Test : Aug. 14, 2014~ Sep. 02, 2014
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. NEI-FCCP-1-1408C128) 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	Test Item	Judgment	Remark
FCC			
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.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.523792
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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%** .

A. Conducted Measurement:

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

B. Radiated Measurement:

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1200 Wireless Dual Band PCI-E Adapter	
Brand Name	netis	
Model Name	WF2166	
Mode Different	N/A	
Product Description	Operation Frequency	5150~5250MHz 5745~5825 MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300Mbps
	Output Power (Max.)for Band1	802.11a: 18.23 dBm 802.11n (20M): 20.34 dBm 802.11n (40M): 20.01 dBm 802.11ac (20M): 20.89 dBm 802.11ac (40M): 20.43 dBm 802.11ac (80M): 17.25 dBm
	Output Power (Max.)for Band4	802.11a: 18.12 dBm 802.11n (20M): 17.31 dBm 802.11n (40M): 16.53 dBm 802.11ac (20M): 16.97 dBm 802.11ac (40M): 16.24 dBm 802.11ac (80M): 11.51 dBm
Power Source	Supplied from PC System.	
Power Rating	AC 120V 60Hz	

Note:

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

2. Channel List:

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

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	RF link	RF21S00014A	Dipole	N/A	5.32
2	RF link	RF21S00014A	Dipole	N/A	5.32

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed two transmitters and two receivers (2T2R); all transmit signals are completely uncorrelated, then, Direction gain = G_{ANT} , that is Directional gain=5.32.

4. Operating Mode

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

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest 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 Mode
Mode 8	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 10	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 11	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 13	TX AC80 Mode / CH155 (UNII-3)

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 7	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 8	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 10	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 11	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 12	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 13	TX AC80 Mode / CH155 (UNII-3)

Note:

1. For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.
2. Both master and client mode are tested and client is found to be the worst case and recorded.

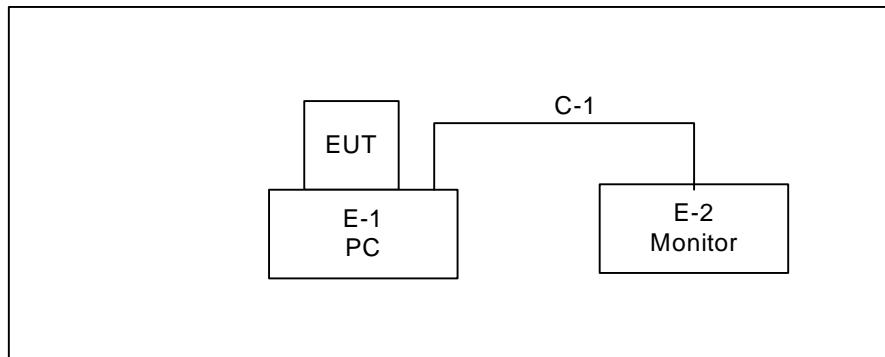
3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

BAND 1			
Test Software Version	MTOOL		
Frequency (MHz)	5180	5200	5240
A Mode	54	60	58
N20 Mode	56	62	60
AC20 Mode	56	62	62
Frequency (MHz)	5190	5230	
N40 Mode	49	61	
AC40 Mode	51	62	
Frequency (MHz)	5210		
AC80 Mode	52		

BAND 4			
Test Software Version	MTOOL		
Frequency (MHz)	5745	5785	5825
A Mode	49	60	49
N20 Mode	56	60	57
AC20 Mode	56	60	58
Frequency (MHz)	5755	5795	
N40 Mode	53	60	
AC40 Mode	50	59	
Frequency (MHz)	5775		
AC80 Mode	49		

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	PC	Dell 745	DCSM	DOC	G7K832X	
E-2	LCD monitor	Dell	E177FPc	DOC	CNOFJ179-64180-6AG-1WNS	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	1.5M	D-Sub 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.

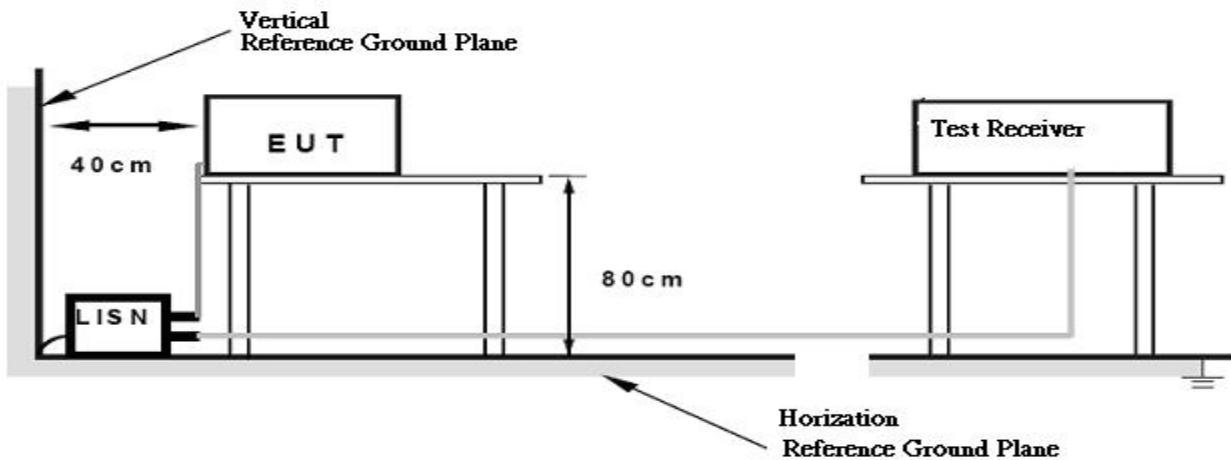
4.1.2 TEST PROCEDURE

- 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%

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 (microvolt/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 (dB μ V/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-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: $E = \frac{1000000\sqrt{30P}}{3}$ μ V/m, where P is the eirp (Watts)

4.2.2 TEST PROCEDURE

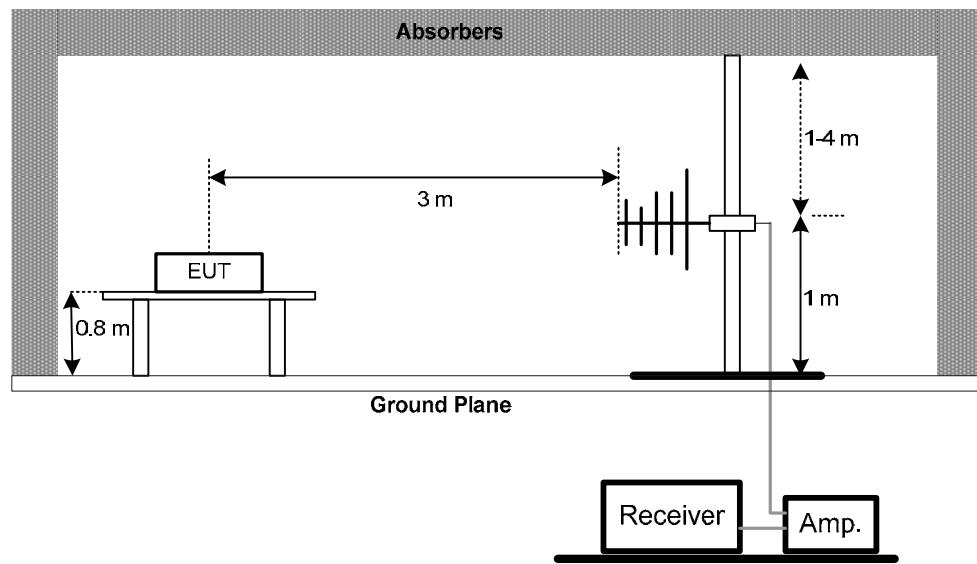
- a. The measuring distance of at 1.5m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was 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

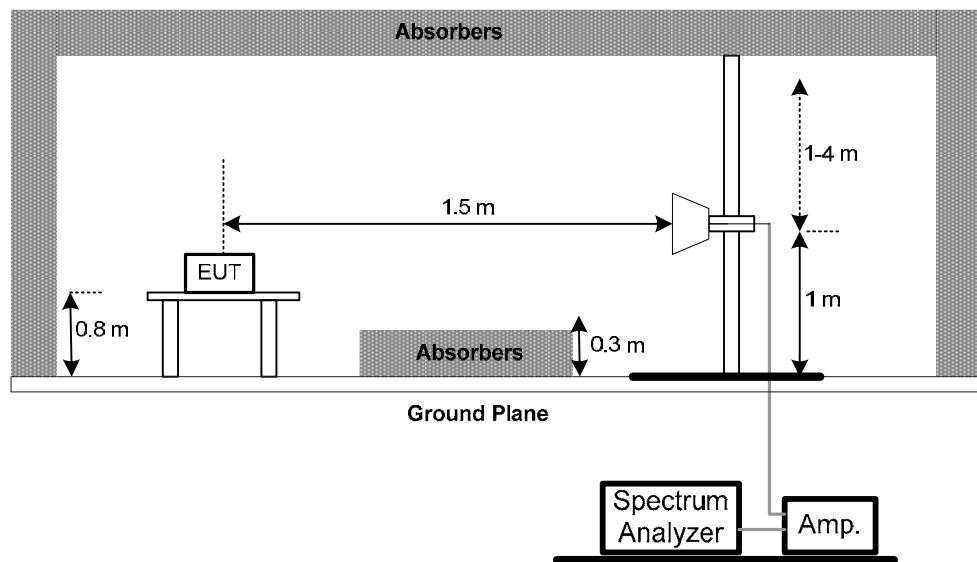
No deviation

4.2.4 TEST SETUP

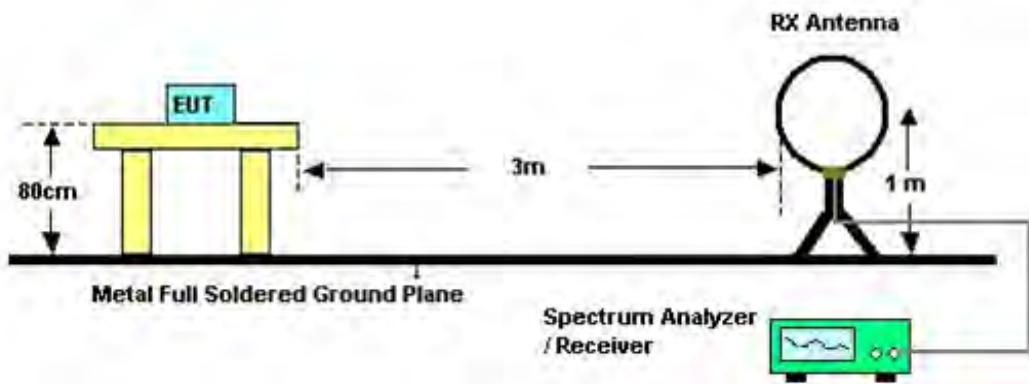
(A) Radiated Emission Test Set-Up Frequency30 - 1000MHz



(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%

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

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.

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
RB	300 kHz
VB	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%

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	Frequency Range (MHz)	Limit	Result
Conducted Output Power	5150-5250	Fixed:1 Watt Mobile and portable: 250Mw (24dBm)	PASS
	5725-5850	1 Watt (30dBm)	PASS

6.1.1 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	= 1 MHz.
VBW	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

- 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%

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
	-27 dBm/MHz	5150-5250	PASS
Antenna conducted Spurious Emission	Below -17dBm/MHz within 10MHz of band edge, below -27 dBm/MHz beyond 10 MHz 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,

Spectrum Parameter	Setting
Attenuation	Auto
RB	1000 kHz
VB	1000 kHz
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%

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
	30 dBm/MHz	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
RB	= 1 MHz.
VB	\geq 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

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%

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E 15.407(g)			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	specified in the user's manual	5150 – 5250	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
RB	10 kHz
VB	10 kHz
Sweep Time	Auto
- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- d. user manual temperature is 0°C~40°C.

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 4.1.6 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

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	Test Receiver	R&S	ESCI	100382	Mar. 29, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 02, 2015
5	Antenna	ETS	3115	00075789	Mar. 29, 2015
6	Amplifier	Agilent	8449B	3008A02274	Mar. 29, 2015
7	Spectrum	Agilent	E4408B	US39240143	Nov. 09, 2014
8	Test Cable	HUBER+SUHNER	C-45	N/A	Mar. 29, 2015
9	Controller	CT	SC100	N/A	N/A
10	Horn Antenna	EMCO	3115	9605-4803	Mar. 29, 2015
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Mar. 29, 2015
12	Broad-Band Horn Antenna (40G)	Schwarzbeck	BBHA 9170	9170319	Feb. 22, 2015

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

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. 11, 2014

Power Spectral Density Measurement

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Frequency Stability Measurement

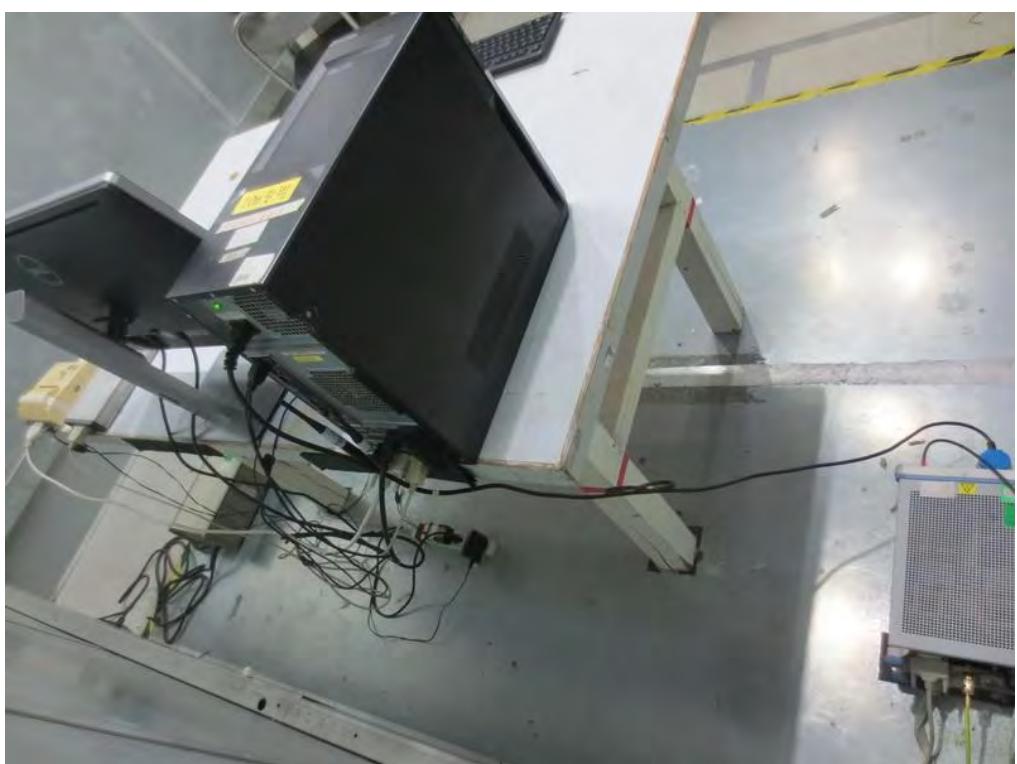
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May. 24, 2015

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

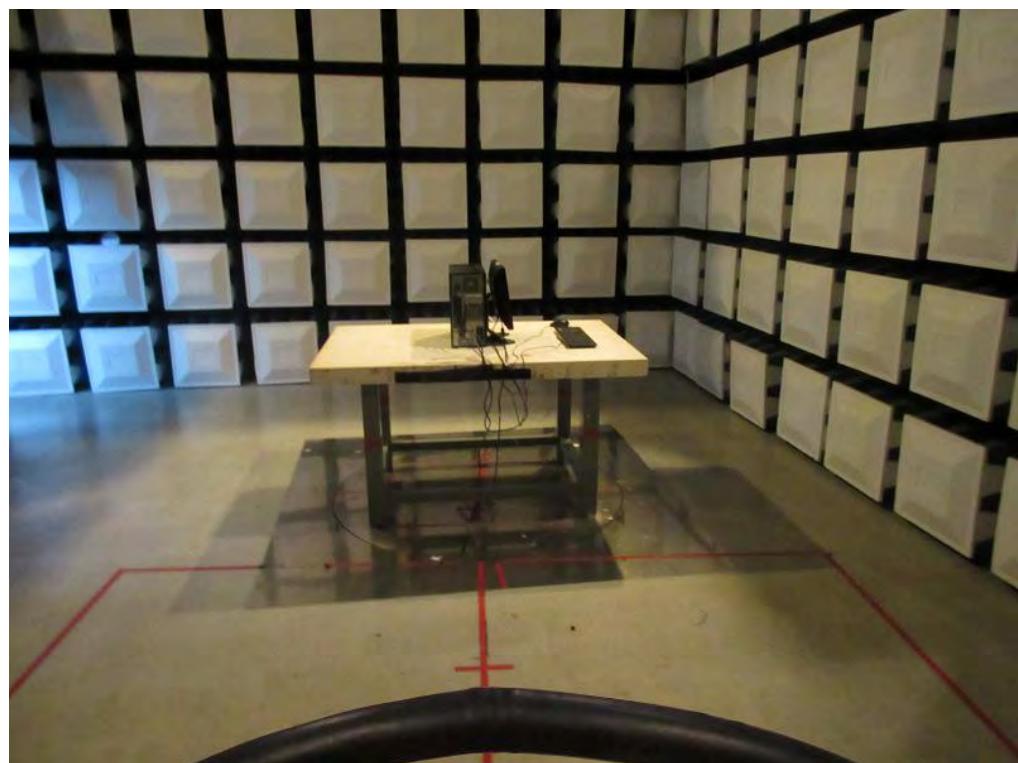
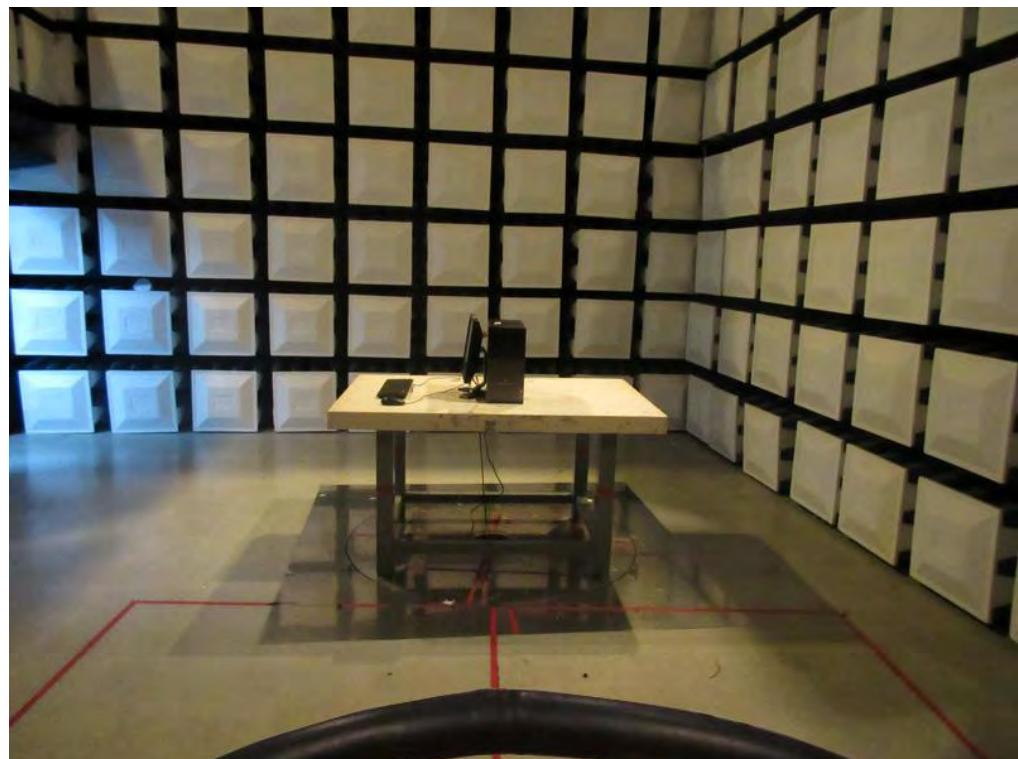
11. EUT TEST PHOTOS

Conducted Measurement Photos



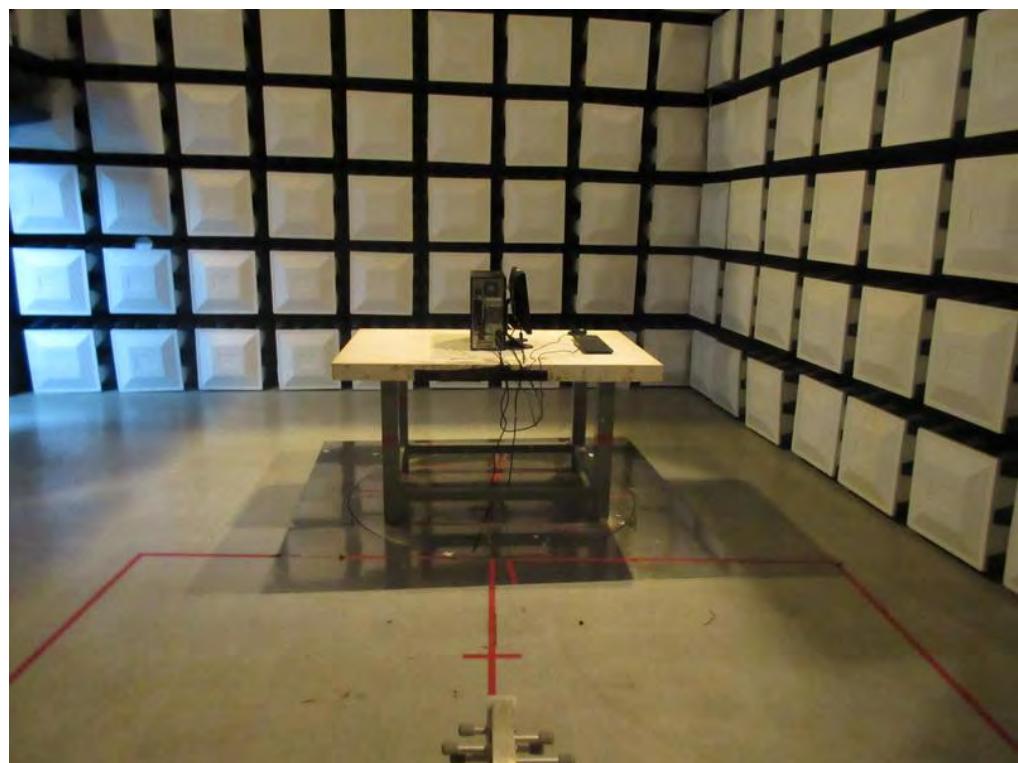
Radiated Measurement Photos

9KHz to 30MHz



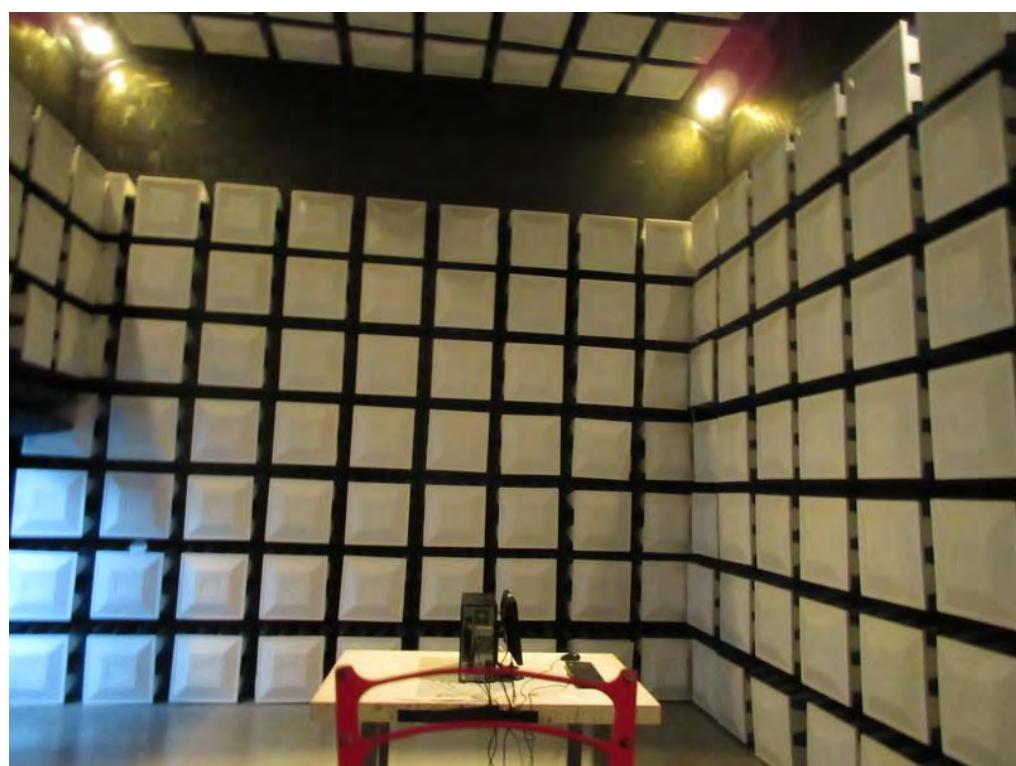
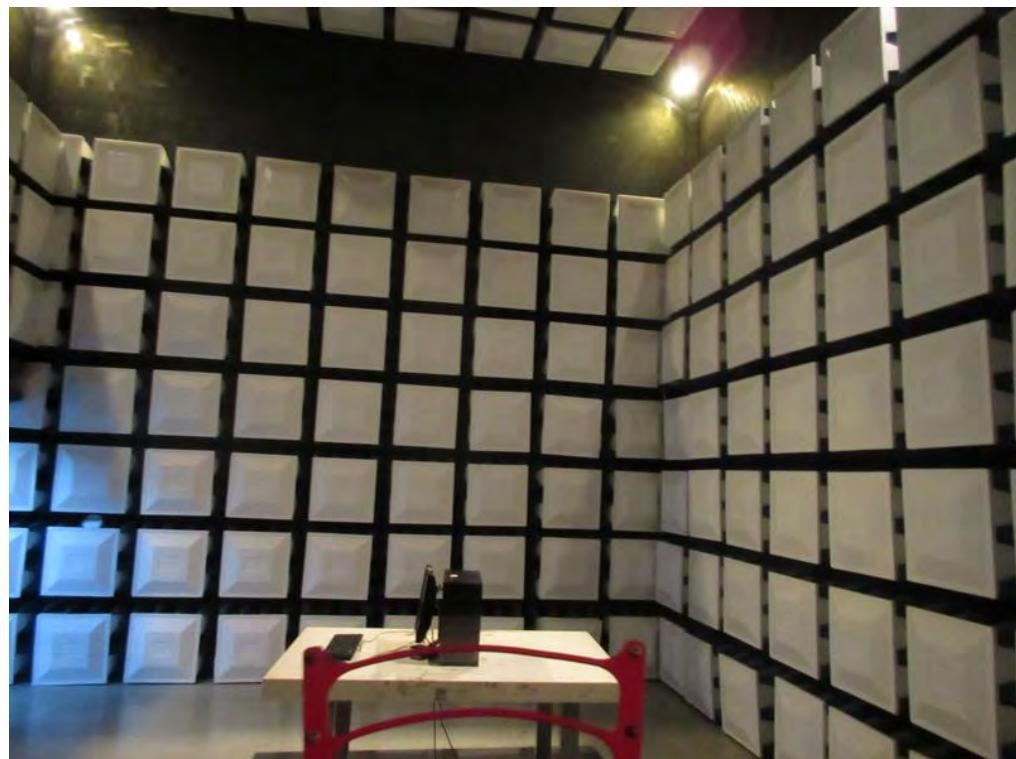
Radiated Measurement Photos

30MHz to 1000MHz



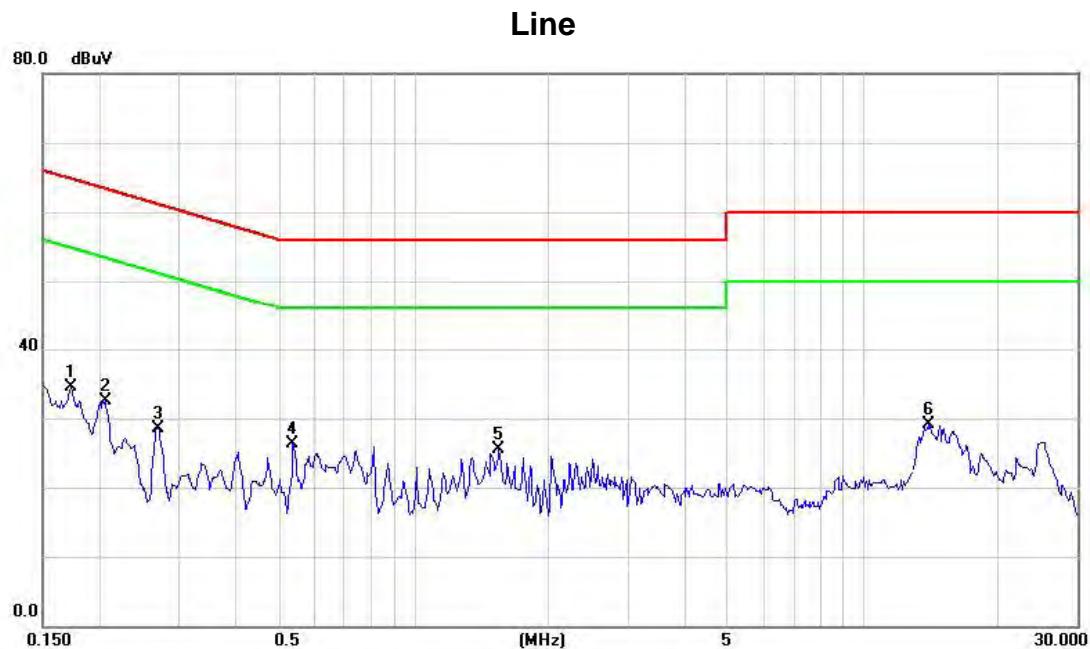
Radiated Measurement Photos

Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

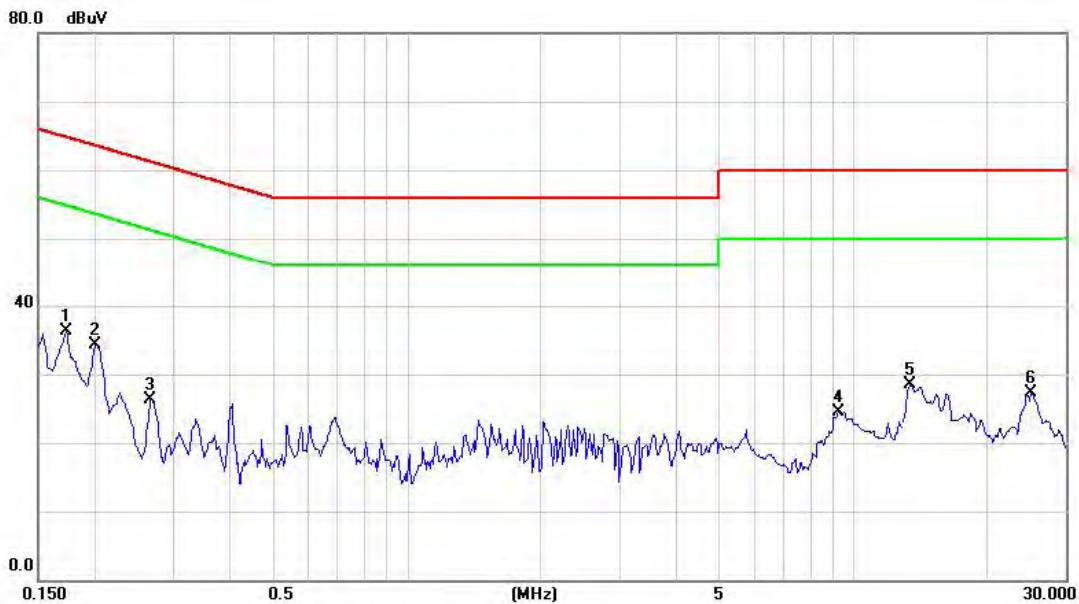
Test Voltage:	AC 120V/60Hz
Test Mode:	TX MODE



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1733	34.50	0.07	34.57	64.80	-30.23	peak	
2		0.2061	32.40	0.07	32.47	63.36	-30.89	peak	
3		0.2710	28.44	0.08	28.52	61.09	-32.57	peak	
4 *		0.5404	26.16	0.10	26.26	56.00	-29.74	peak	
5		1.5562	25.34	0.17	25.51	56.00	-30.49	peak	
6		13.9885	28.47	0.59	29.06	60.00	-30.94	peak	

Note : The test result has included the cable loss.

Test Voltage:	AC 120V/60Hz
Test Mode:	TX MODE

Neutral

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV	dBuV	dB	
1	*	0.1733	36.16	0.07	36.23	64.80	-28.57	peak
2		0.2006	34.28	0.07	34.35	63.59	-29.24	peak
3		0.2671	26.16	0.08	26.24	61.21	-34.97	peak
4		9.2615	24.10	0.48	24.58	60.00	-35.42	peak
5		13.4530	27.98	0.58	28.56	60.00	-31.44	peak
6		25.0780	26.56	0.80	27.36	60.00	-32.64	peak

Note : The test result has included the cable loss.

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

Test Voltage:	AC 120V/60Hz
Test Mode:	TX MODE

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0158	0°	13.43	24.58	37.99	103.74	-65.75	AVG
0.0158	0°	14.28	24.58	38.84	123.74	-84.90	PEAK
0.0310	0°	6.10	23.60	30.40	97.75	-67.35	AVG
0.0310	0°	8.05	23.60	31.60	117.75	-86.15	PEAK
0.0384	0°	4.32	23.13	27.43	95.90	-68.47	AVG
4.0000	0°	5.76	23.13	28.83	115.90	-87.07	PEAK
0.0471	0°	3.15	22.59	25.71	94.16	-68.45	AVG
0.0471	0°	4.72	22.59	27.37	114.16	-86.79	PEAK
2.0605	0°	28.76	19.46	48.17	69.54	-21.37	QP
3.3737	0°	20.39	18.94	39.31	69.54	-30.23	QP

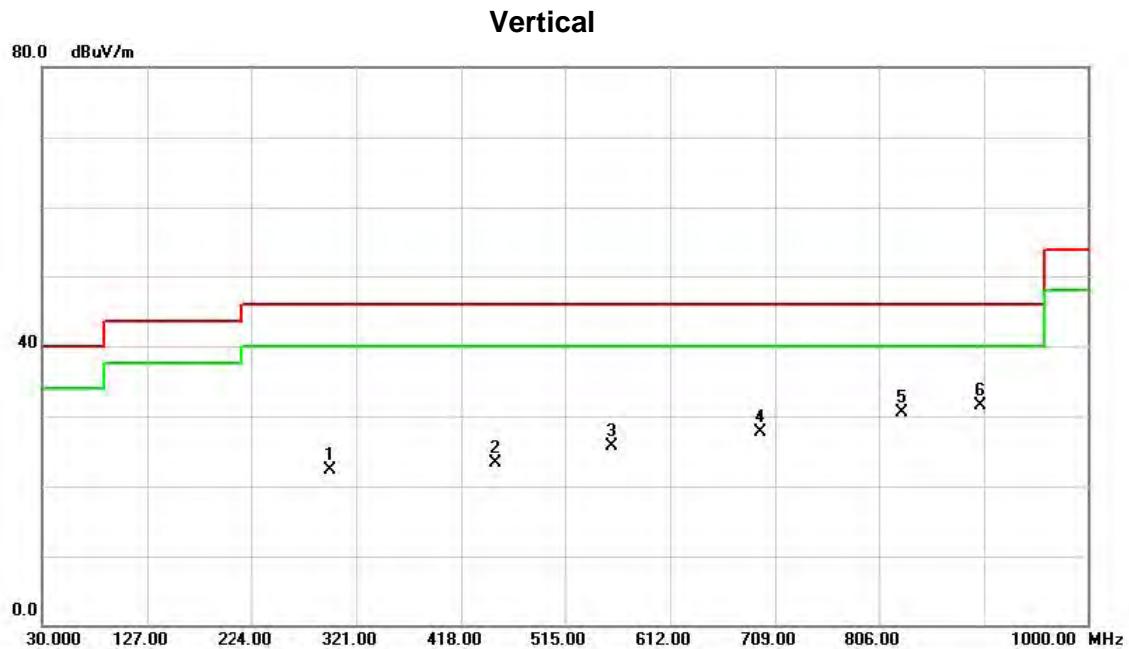
Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0154	90°	13.12	24.30	37.48	123.80	-86.32	AVG
0.0154	90°	14.19	24.30	38.47	143.80	-105.33	PEAK
0.0315	90°	6.81	23.60	30.47	117.75	-87.28	AVG
0.0315	90°	7.83	23.60	31.39	137.75	-106.36	PEAK
0.0372	90°	5.92	23.20	29.13	116.17	-87.04	AVG
0.0372	90°	6.87	23.20	30.04	136.17	-106.13	PEAK
0.0430	90°	5.11	22.59	27.73	114.16	-86.43	AVG
0.0473	90°	6.07	22.59	28.68	134.16	-105.48	PEAK
2.0608	90°	29.68	19.46	49.09	69.54	-20.45	QP
3.2845	90°	17.15	18.93	36.05	69.54	-33.49	QP

Remark:

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

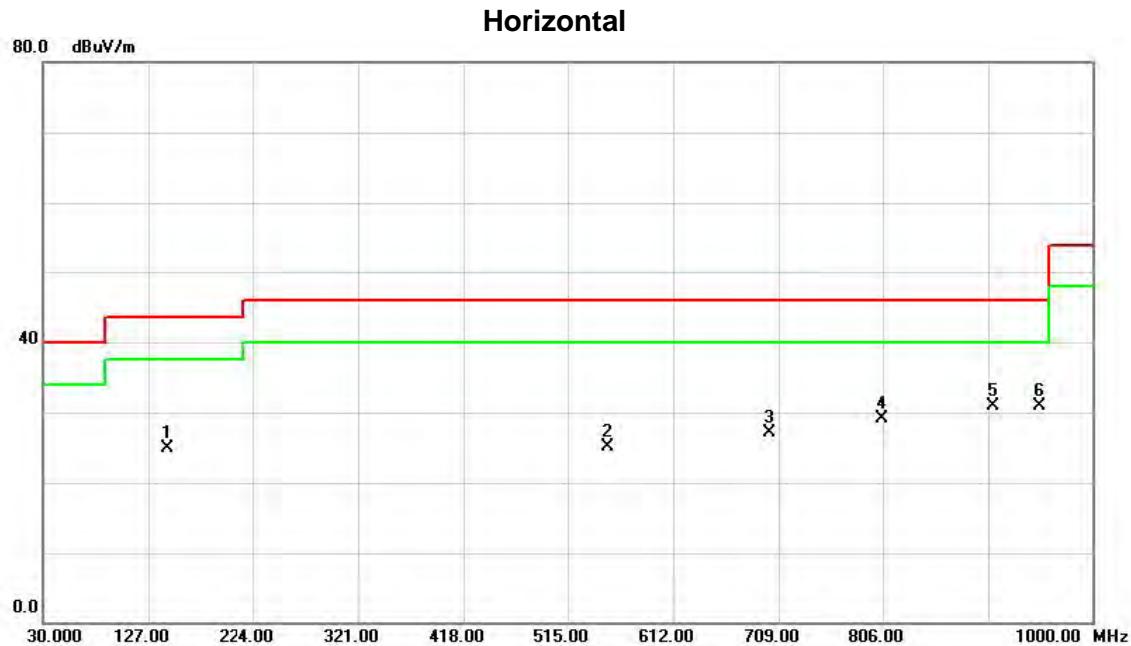
ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5180MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		296.7500	32.06	-9.70	22.36	46.00	-23.64	peak	
2		450.0100	29.15	-5.77	23.38	46.00	-22.62	peak	
3		557.6800	28.99	-3.19	25.80	46.00	-20.20	peak	
4		695.4200	28.63	-0.94	27.69	46.00	-18.31	peak	
5		827.3400	29.94	0.50	30.44	46.00	-15.56	peak	
6	*	900.0900	27.52	3.91	31.43	46.00	-14.57	peak	

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5180MHz



No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		144.4600	37.09	-12.19	24.90	43.50	-18.60	peak
2		551.8600	28.08	-2.95	25.13	46.00	-20.87	peak
3		700.2700	27.87	-0.85	27.02	46.00	-18.98	peak
4		805.0300	27.52	1.59	29.11	46.00	-16.89	peak
5		907.8500	27.13	3.72	30.85	46.00	-15.15	peak
6	*	950.5300	28.18	2.69	30.87	46.00	-15.13	peak

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5200MHz

Vertical

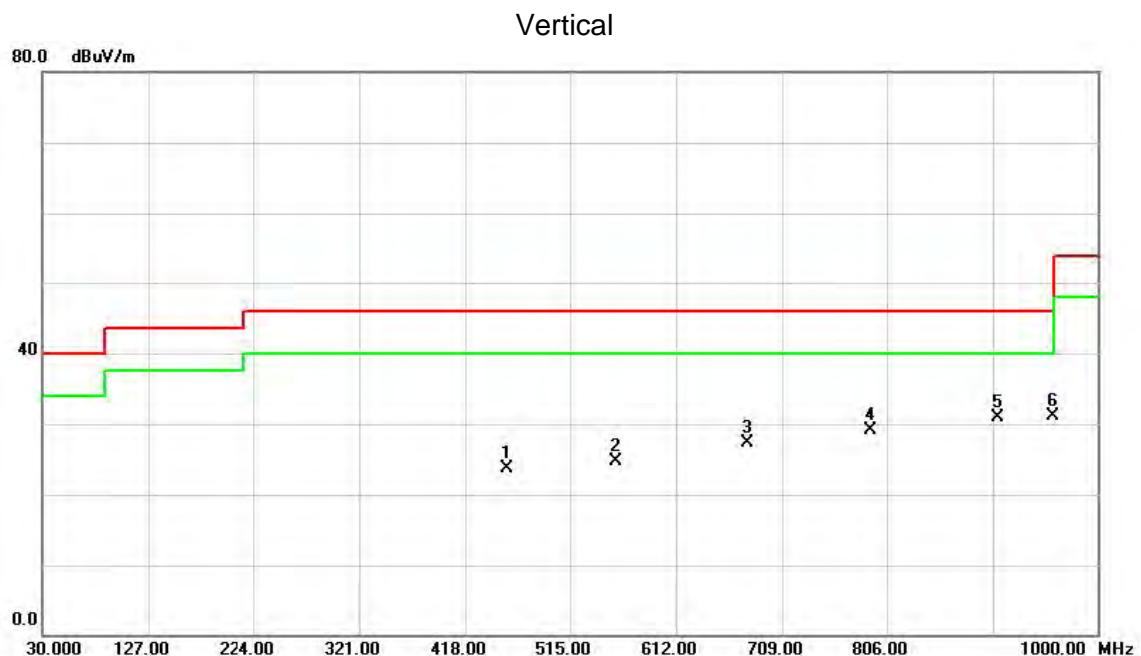
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1		431.5800	29.39	-6.46	22.93	46.00	-23.07	peak
2		553.8000	29.34	-3.03	26.31	46.00	-19.69	peak
3		700.2700	27.64	-0.85	26.79	46.00	-19.21	peak
4		734.2200	27.85	-1.04	26.81	46.00	-19.19	peak
5		794.3600	28.81	1.51	30.32	46.00	-15.68	peak
6	*	940.8300	28.96	2.92	31.88	46.00	-14.12	peak

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5200MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1		446.1300	29.53	-5.91	23.62	46.00	-22.38	peak
2		552.8300	28.40	-2.99	25.41	46.00	-20.59	peak
3		679.9000	28.35	-1.25	27.10	46.00	-18.90	peak
4		729.3700	28.17	-1.00	27.17	46.00	-18.83	peak
5		796.3000	28.06	1.62	29.68	46.00	-16.32	peak
6	*	907.8500	27.91	3.72	31.63	46.00	-14.37	peak

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		455.8300	29.62	-5.97	23.65	46.00	-22.35	peak	
2		556.7100	27.91	-3.15	24.76	46.00	-21.24	peak	
3		676.9900	28.55	-1.31	27.24	46.00	-18.76	peak	
4		790.4800	27.79	1.27	29.06	46.00	-16.94	peak	
5		906.8800	27.12	3.74	30.86	46.00	-15.14	peak	
6	*	958.2900	28.49	2.65	31.14	46.00	-14.86	peak	

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5240MHz

Horizontal

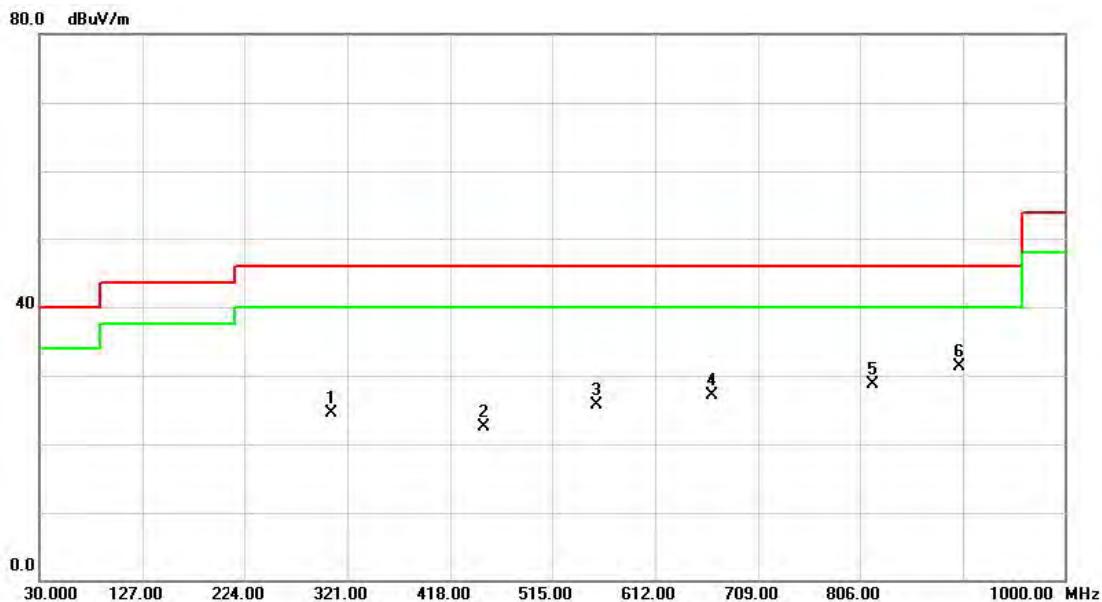
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		305.4800	32.31	-9.65	22.66	46.00	-23.34	peak	
2		453.8900	29.80	-5.91	23.89	46.00	-22.11	peak	
3		549.9200	28.71	-2.88	25.83	46.00	-20.17	peak	
4		677.9600	28.34	-1.29	27.05	46.00	-18.95	peak	
5		793.3900	27.36	1.45	28.81	46.00	-17.19	peak	
6	*	920.4600	27.39	3.41	30.80	46.00	-15.20	peak	

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5745MHz

Vertical

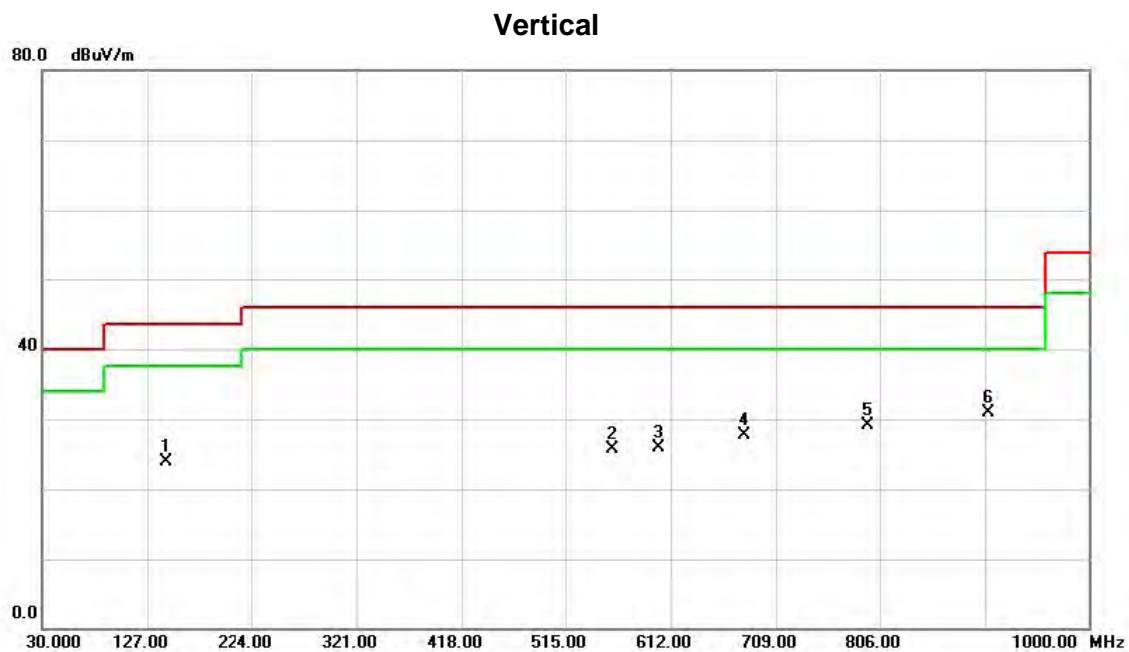
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		430.6100 MHz	29.68 dB μ V	-6.50 dB	23.18 dB μ V/m	46.00 dB μ V/m	-22.82	peak	
2		555.7400 MHz	28.34 dB μ V	-3.10 dB	25.24 dB μ V/m	46.00 dB μ V/m	-20.76	peak	
3		600.3600 MHz	31.88 dB μ V	-4.96 dB	26.92 dB μ V/m	46.00 dB μ V/m	-19.08	peak	
4		701.2400 MHz	27.80 dB μ V	-0.86 dB	26.94 dB μ V/m	46.00 dB μ V/m	-19.06	peak	
5		826.3700 MHz	28.52 dB μ V	0.54 dB	29.06 dB μ V/m	46.00 dB μ V/m	-16.94	peak	
6	*	906.8800 MHz	28.07 dB μ V	3.74 dB	31.81 dB μ V/m	46.00 dB μ V/m	-14.19	peak	

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5745MHz

Horizontal

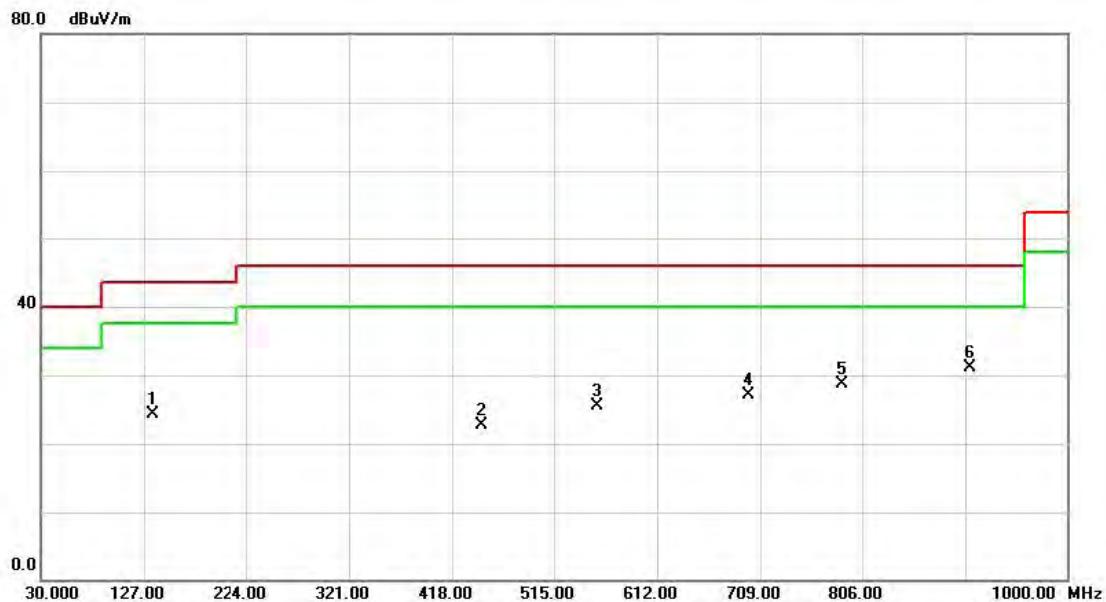
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	305.4800	34.10	-9.65	24.45	46.00	-21.55	peak		
2	450.0100	28.35	-5.77	22.58	46.00	-23.42	peak		
3	556.7100	28.90	-3.15	25.75	46.00	-20.25	peak		
4	665.3500	28.75	-1.55	27.20	46.00	-18.80	peak		
5	817.6400	27.69	0.97	28.66	46.00	-17.34	peak		
6 *	899.1200	27.46	3.83	31.29	46.00	-14.71	peak		

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5785MHz



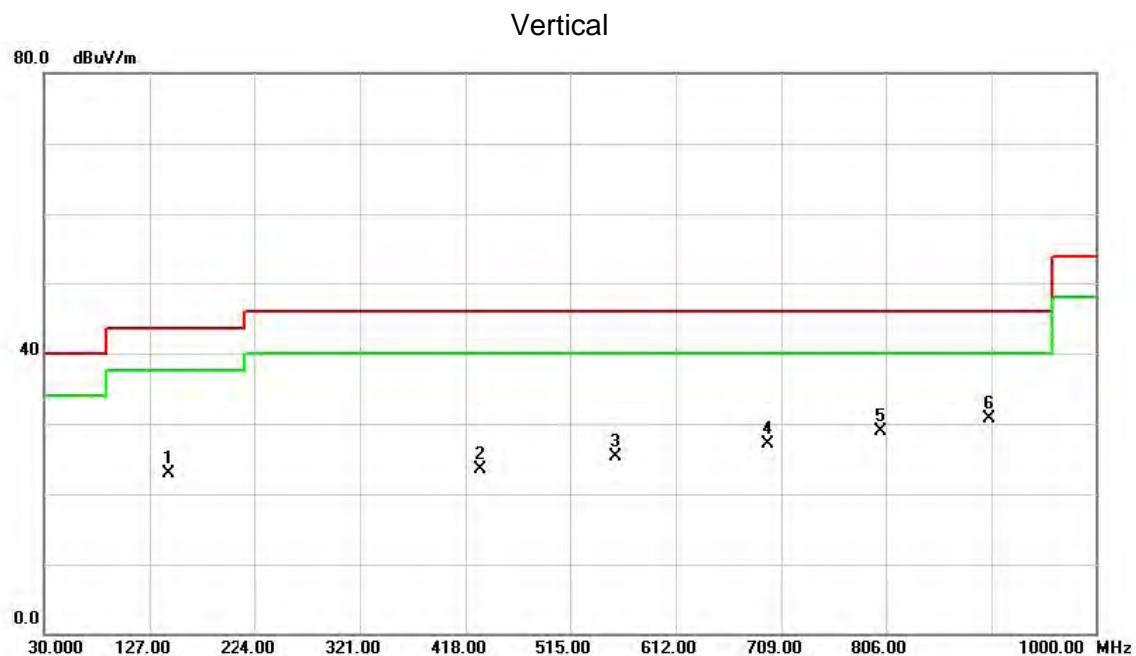
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		144.4600	36.07	-12.19	23.88	43.50	-19.62	peak	
2		557.6800	28.95	-3.19	25.76	46.00	-20.24	peak	
3		600.3600	30.87	-4.96	25.91	46.00	-20.09	peak	
4		679.9000	28.93	-1.25	27.68	46.00	-18.32	peak	
5		795.3300	27.53	1.57	29.10	46.00	-16.90	peak	
6	*	905.9100	27.13	3.77	30.90	46.00	-15.10	peak	

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5785MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1		135.7300	36.73	-12.35	24.38	43.50	-19.12	peak
2		445.1600	28.70	-5.94	22.76	46.00	-23.24	peak
3		555.7400	28.53	-3.10	25.43	46.00	-20.57	peak
4		698.3300	27.93	-0.88	27.05	46.00	-18.95	peak
5		786.6000	27.61	1.04	28.65	46.00	-17.35	peak
6	*	906.8800	27.42	3.74	31.16	46.00	-14.84	peak

Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5825MHz



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		144.4600	35.14	-12.19	22.95	43.50	-20.55	peak	
2		431.5800	29.90	-6.46	23.44	46.00	-22.56	peak	
3		556.7100	28.53	-3.15	25.38	46.00	-20.62	peak	
4		696.3900	27.96	-0.92	27.04	46.00	-18.96	peak	
5		801.1500	27.19	1.78	28.97	46.00	-17.03	peak	
6	*	901.0600	26.84	3.89	30.73	46.00	-15.27	peak	

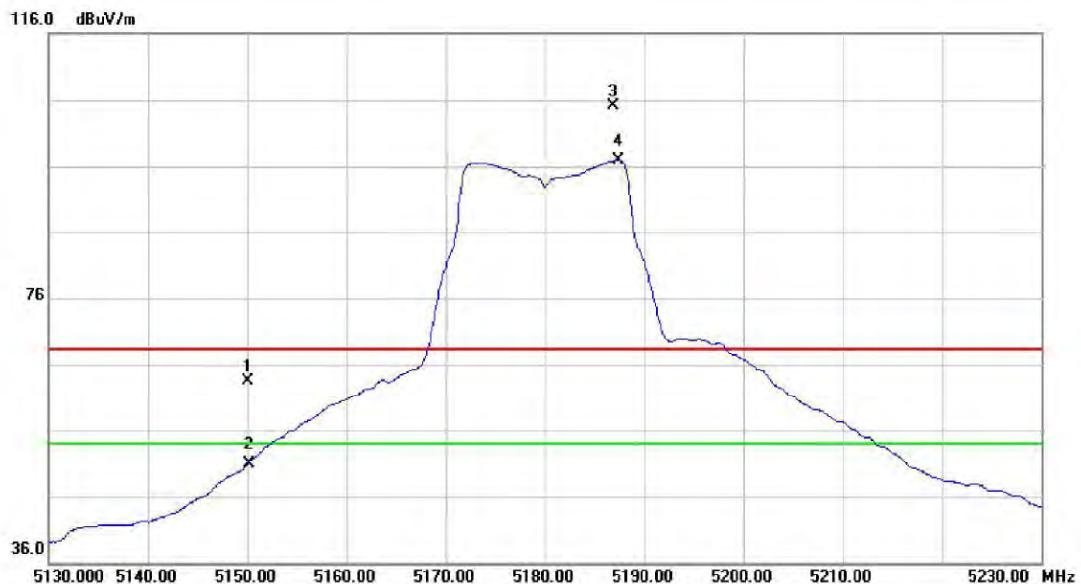
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/TX A Mode 5825MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1		135.7300	36.64	-12.35	24.29	43.50	-19.21	peak
2		448.0700	28.90	-5.84	23.06	46.00	-22.94	peak
3		548.9500	28.48	-2.96	25.52	46.00	-20.48	peak
4		682.8100	28.33	-1.19	27.14	46.00	-18.86	peak
5		819.5800	28.86	0.87	29.73	46.00	-16.27	peak
6	*	905.9100	27.76	3.77	31.53	46.00	-14.47	peak

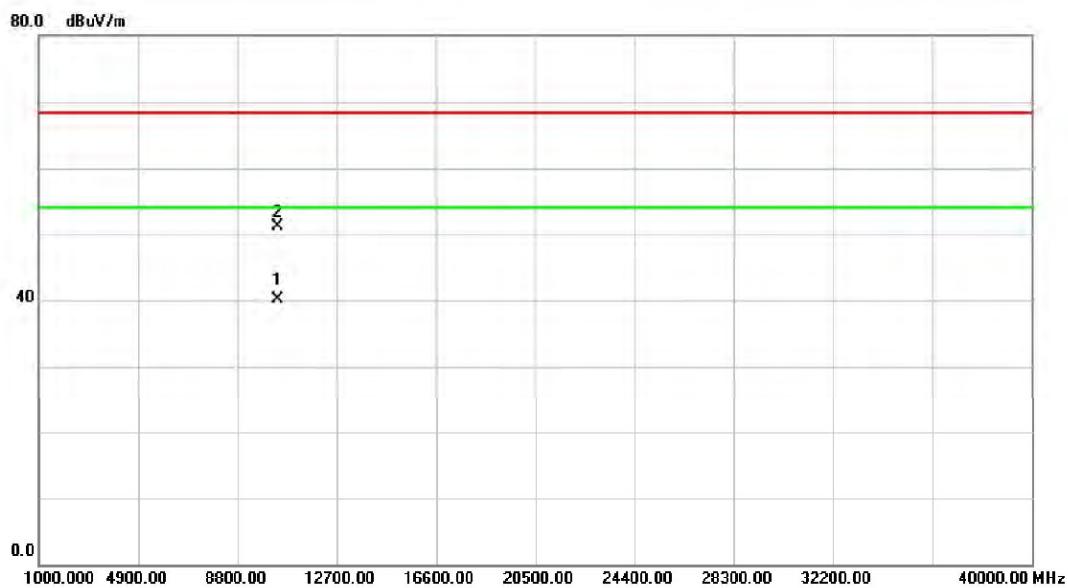
ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5180MHz

Vertical

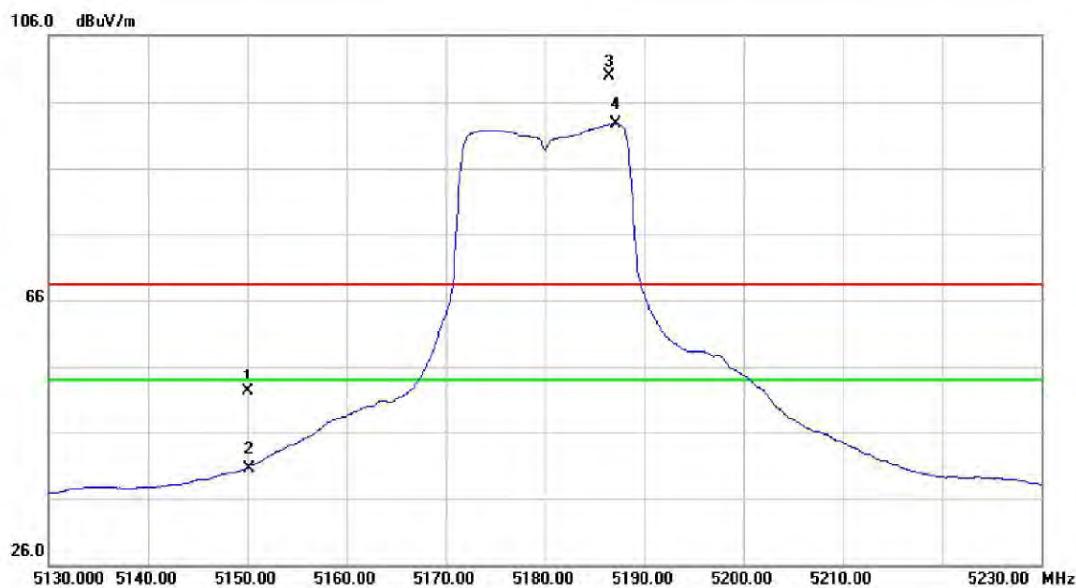
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detector	Comment
			dBuV	dB	dBuV/m	dB			
1		5150.000	24.55	39.00	63.55	68.30	-4.75	peak	
2		5150.000	11.91	39.00	50.91	54.00	-3.09	AVG	
3	X	5186.900	65.98	39.12	105.10	68.30	36.80	peak	no limit
4	*	5187.400	57.83	39.12	96.95	54.00	42.95	AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5180MHz

Vertical

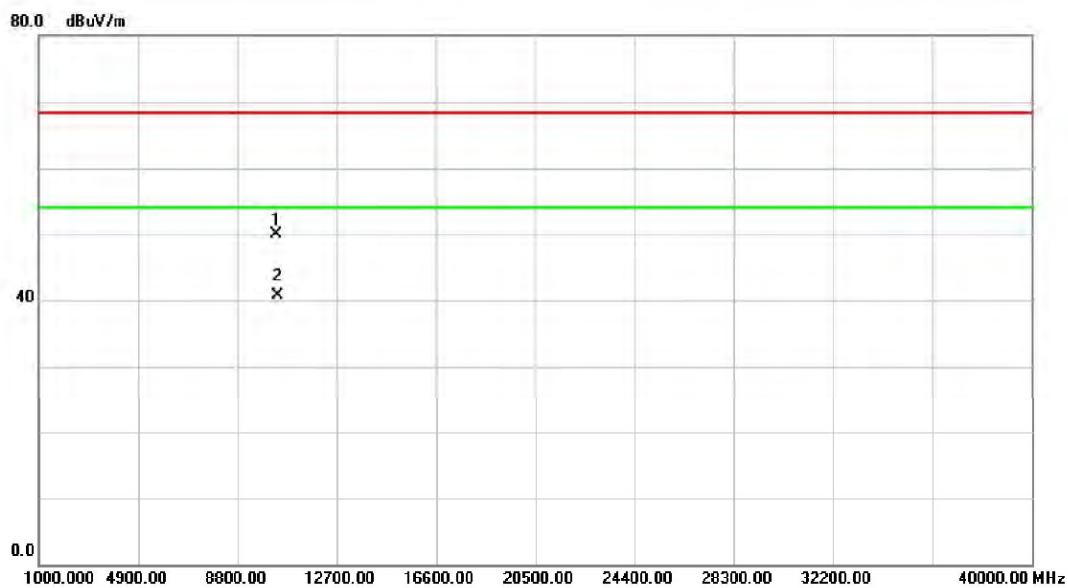
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1	*	10360.00	21.67	18.52	40.19	54.00	-13.81	AVG
2		10360.30	32.53	18.52	51.05	68.30	-17.25	peak

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5180MHz

Horizontal

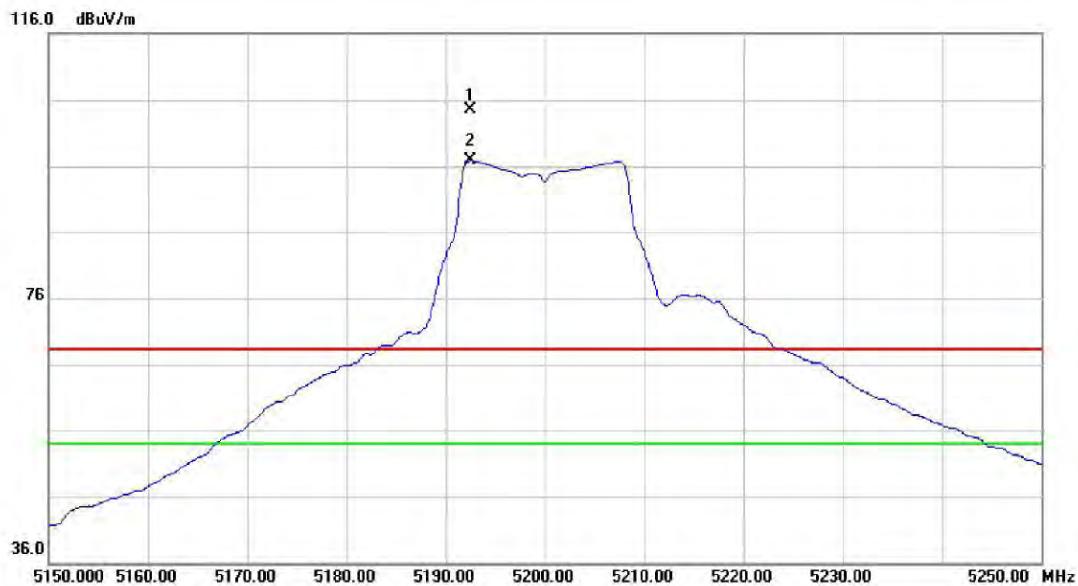
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	13.25	39.00	52.25	68.30	-16.05	peak	
2		5150.000	1.59	39.00	40.59	54.00	-13.41	AVG	
3	X	5186.400	60.78	39.12	99.90	68.30	31.60	peak	no limit
4	*	5187.100	53.52	39.12	92.64	54.00	38.64	AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5180MHz

Horizontal

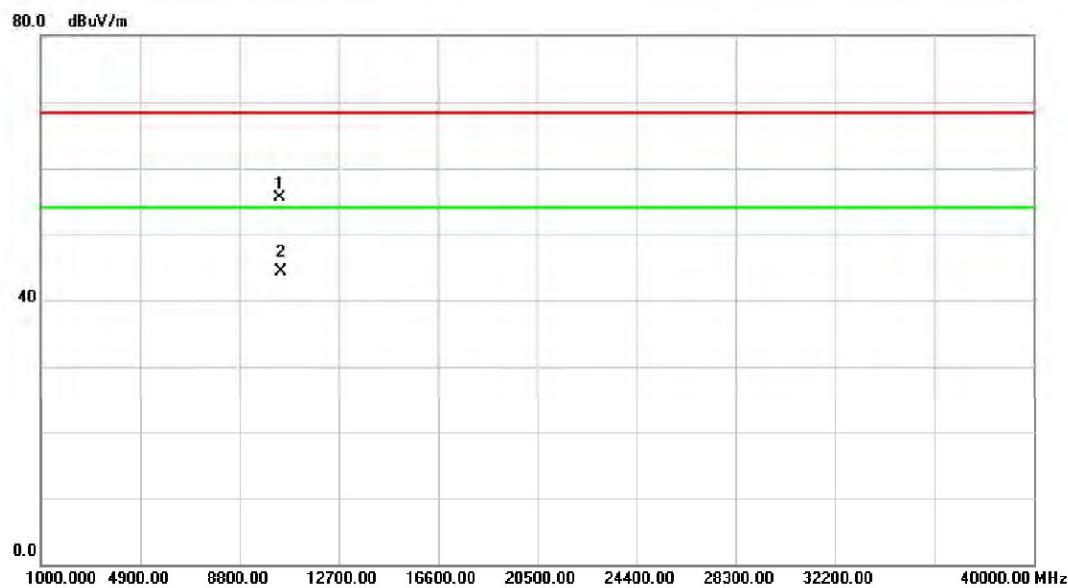
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		10359.85	31.41	18.52	49.93	68.30	-18.37	peak	
2	*	10359.85	22.14	18.52	40.66	54.00	-13.34	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5200MHz

Vertical

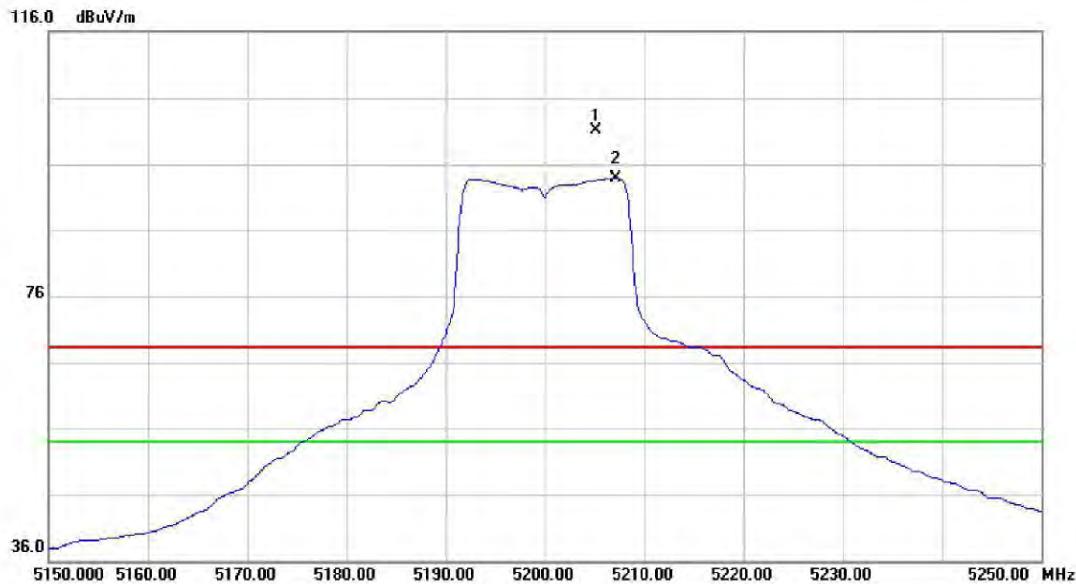
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	X	5192.400	65.44	39.14	104.58	68.30	36.28	peak no limit
2	*	5192.500	57.69	39.14	96.83	54.00	42.83	AVG no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5200MHz

Vertical

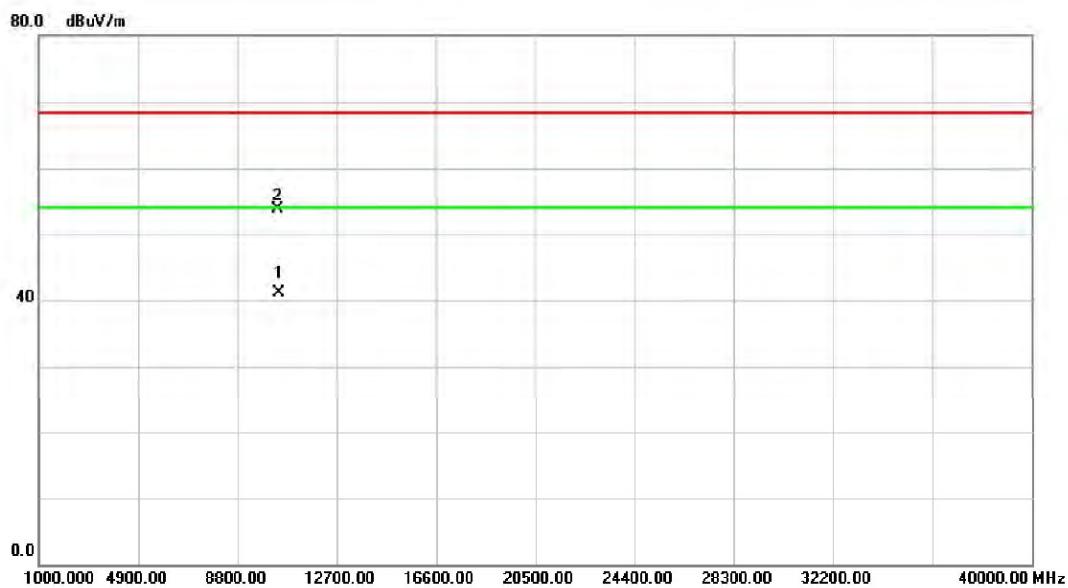
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10400.15	36.97	18.52	55.49	68.30	-12.81
2	*	10400.15	25.86	18.52	44.38	54.00	-9.62
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5200MHz

Horizontal

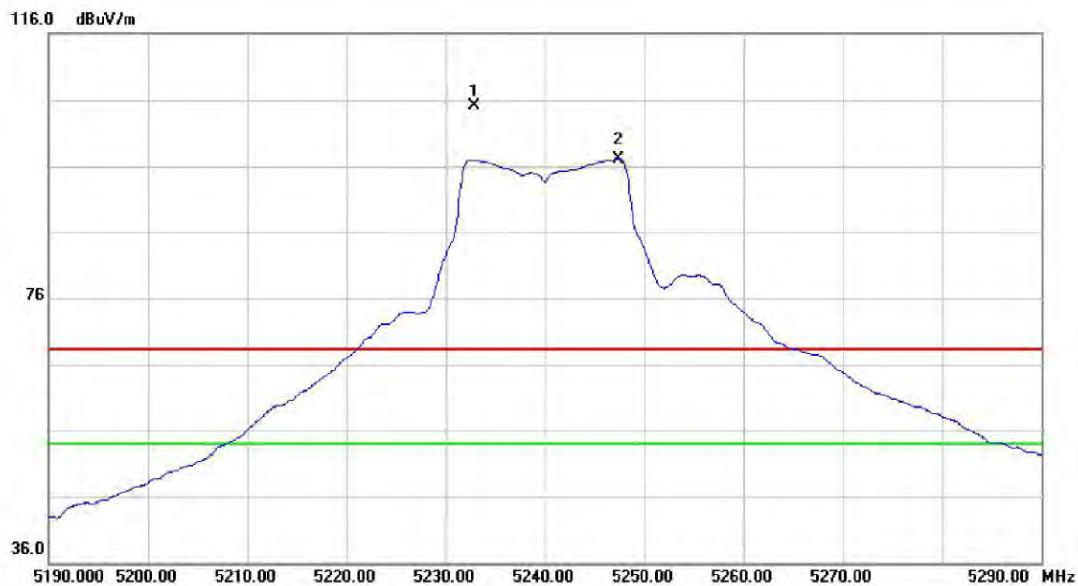
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	X	5205.100	61.87	39.18	101.05	68.30	32.75 peak no limit
2	*	5207.100	54.69	39.19	93.88	54.00	39.88 AVG no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5200MHz

Horizontal

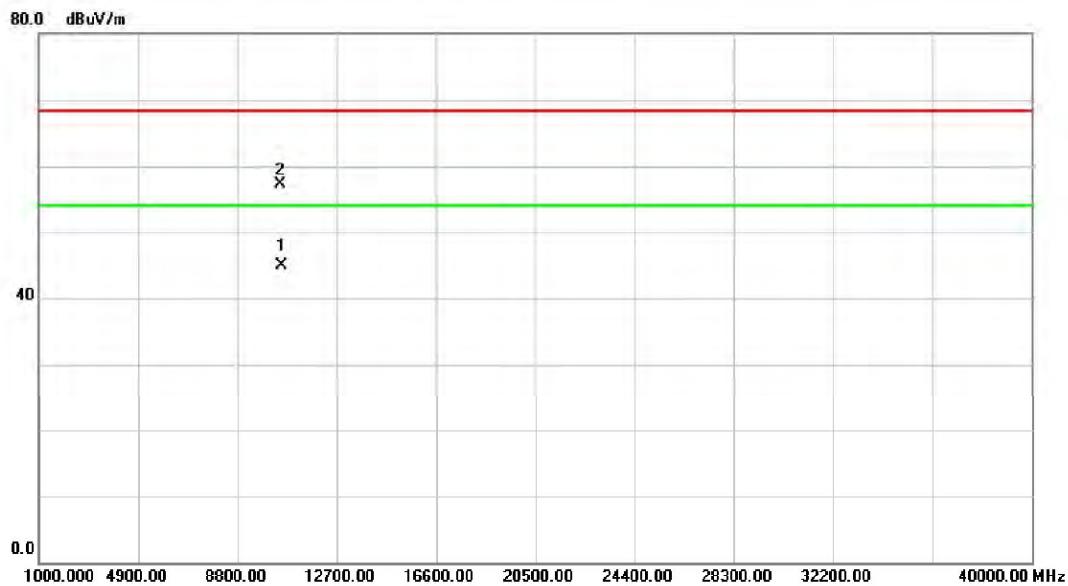
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	dB	Detector	Over	Comment
1	*	10400.05	22.57	18.52	41.09	54.00	-12.91	AVG		
2		10401.40	35.23	18.52	53.75	68.30	-14.55	peak		

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5240MHz

Vertical

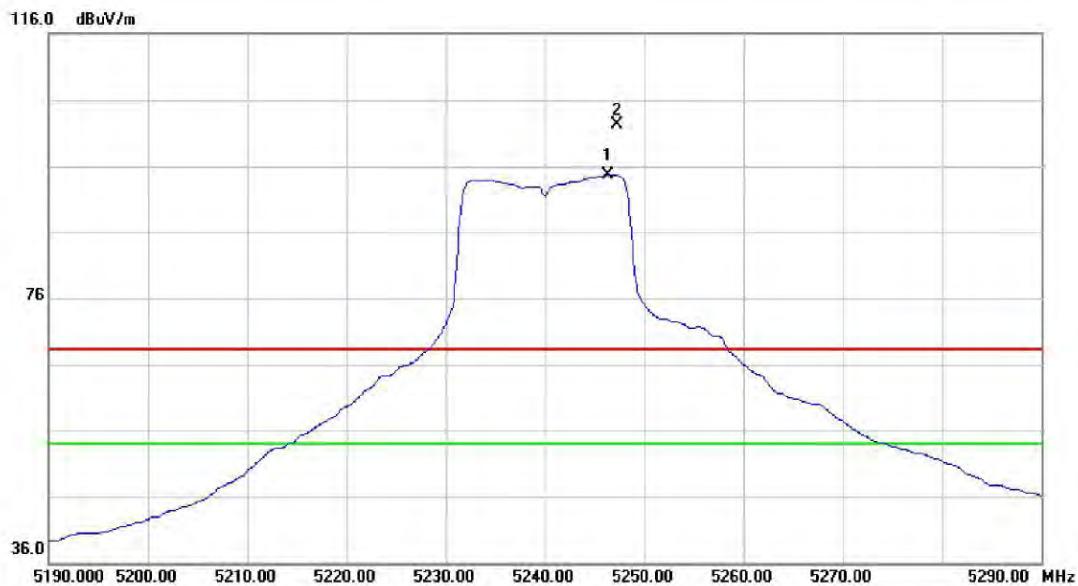
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1	X	5232.800	65.83	39.27	105.10	68.30	36.80	peak no limit
2	*	5247.400	57.76	39.32	97.08	54.00	43.08	AVG no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5240MHz

Vertical

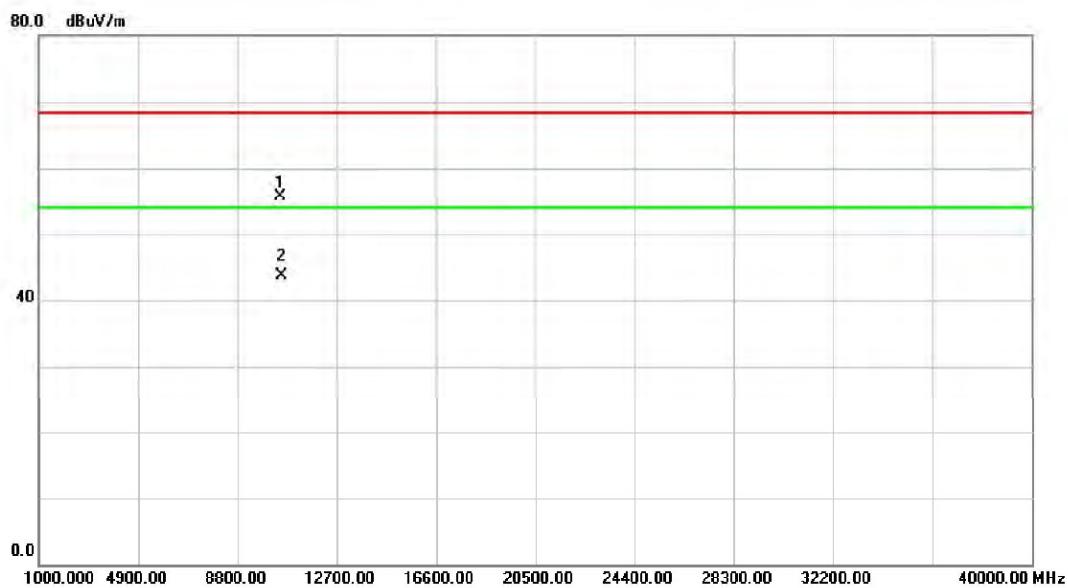
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB	Over Detector	Comment
1	*	10479.70	26.38	18.51	44.89	54.00	-9.11	AVG
2		10482.20	38.74	18.51	57.25	68.30	-11.05	peak

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5240MHz

Horizontal

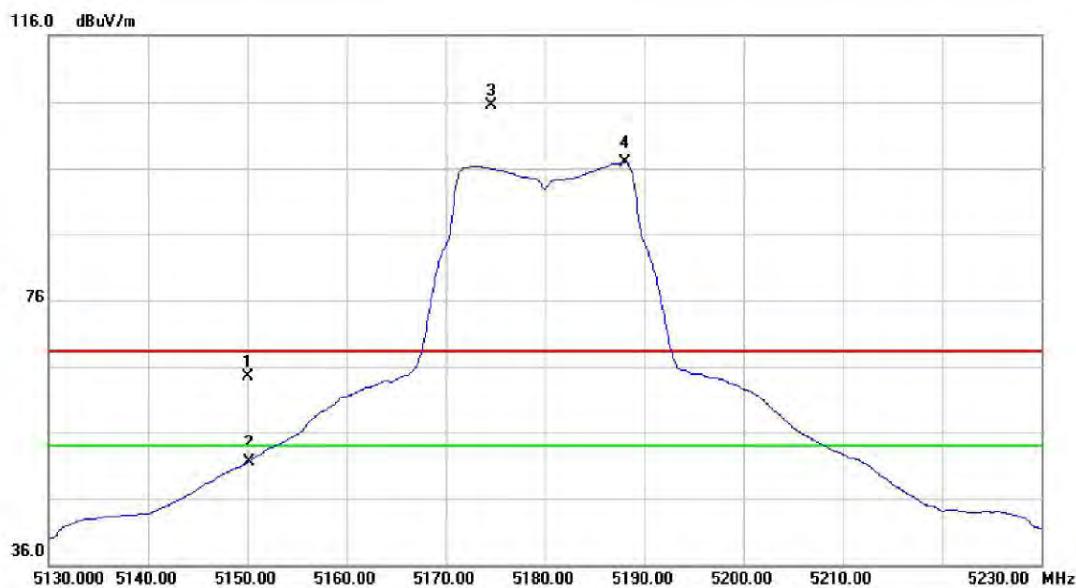
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1	*	5246.300	55.34	39.32	94.66	54.00	40.66	AVG	no limit
2	X	5247.200	62.93	39.32	102.25	68.30	33.95	peak	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX A Mode 5240MHz

Horizontal

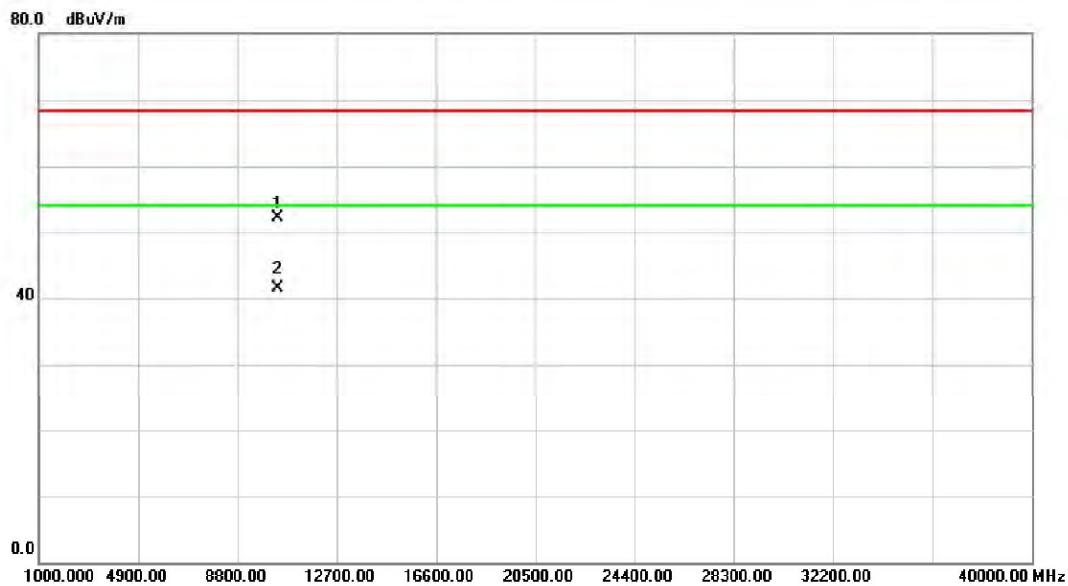
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10480.00	37.11	18.51	55.62	68.30	-12.68
2	*	10480.10	25.21	18.51	43.72	54.00	-10.28
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Vertical

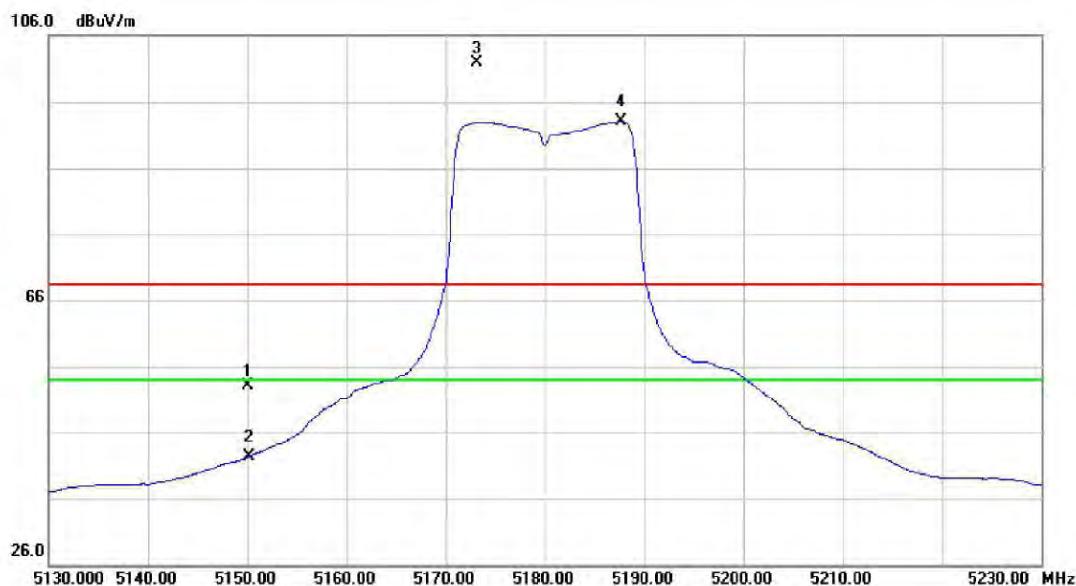
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	25.43	39.00	64.43	68.30	-3.87	peak	
2		5150.000	12.48	39.00	51.48	54.00	-2.52	AVG	
3	X	5174.600	66.35	39.08	105.43	68.30	37.13	peak	no limit
4	*	5188.000	57.83	39.13	96.96	54.00	42.96	AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Vertical

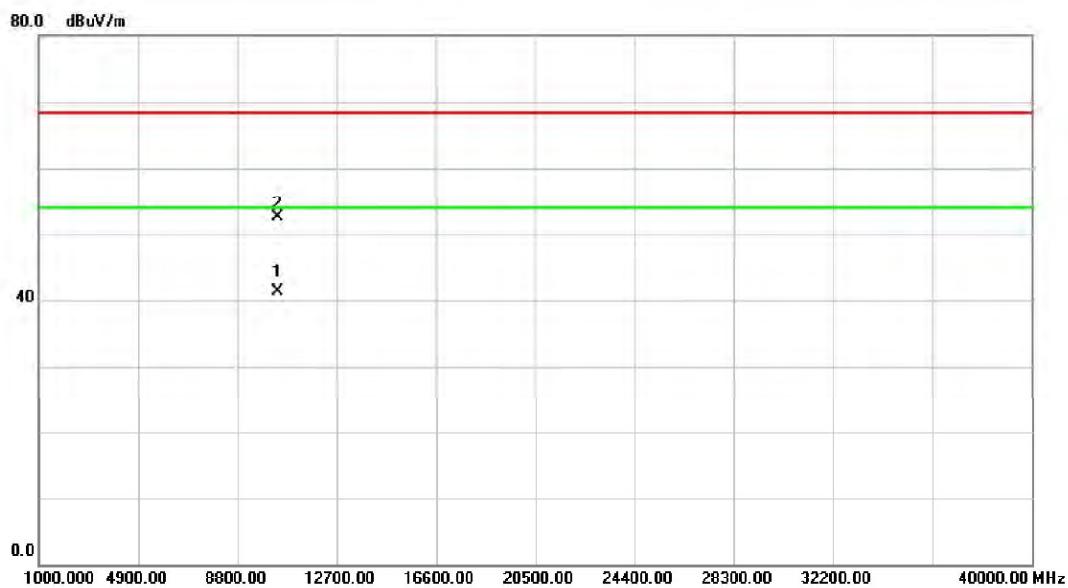
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10360.00	33.59	18.52	52.11	68.30	-16.19
2	*	10360.00	22.98	18.52	41.50	54.00	-12.50
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Horizontal

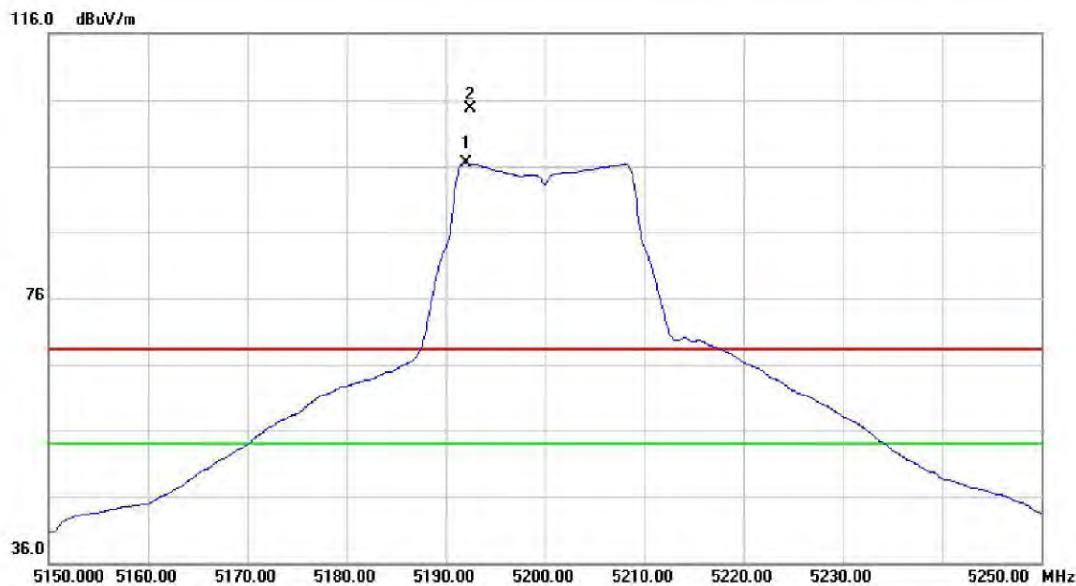
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		5150.000	14.03	39.00	53.03	68.30	-15.27	peak
2		5150.000	3.25	39.00	42.25	54.00	-11.75	AVG
3	X	5173.100	62.74	39.07	101.81	68.30	33.51	peak no limit
4	*	5187.600	53.88	39.13	93.01	54.00	39.01	AVG no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Horizontal

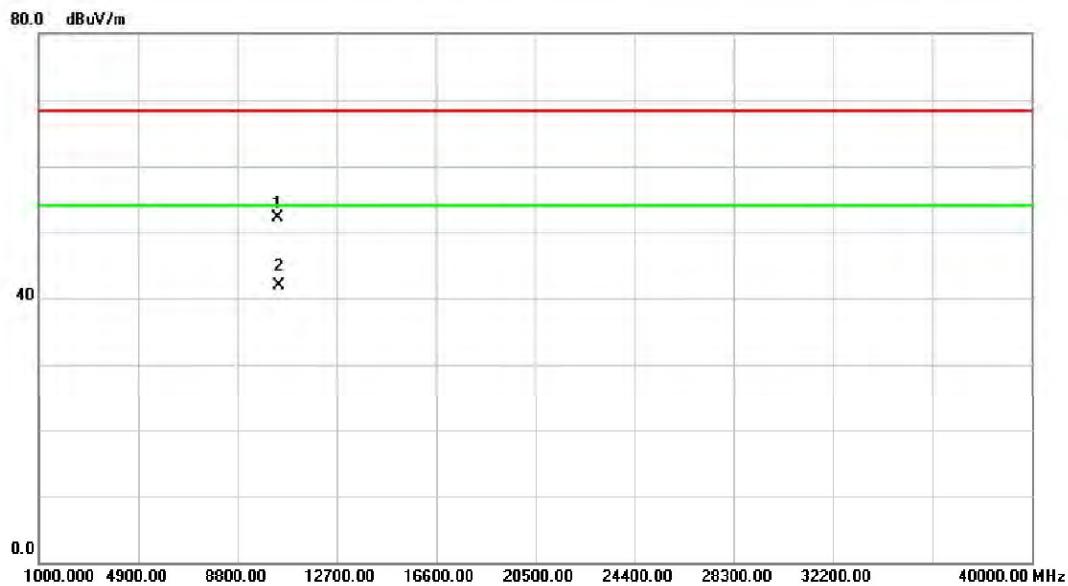
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1	*	10359.95	22.71	18.52	41.23	54.00	-12.77	AVG
2		10360.55	34.07	18.52	52.59	68.30	-15.71	peak

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

Vertical

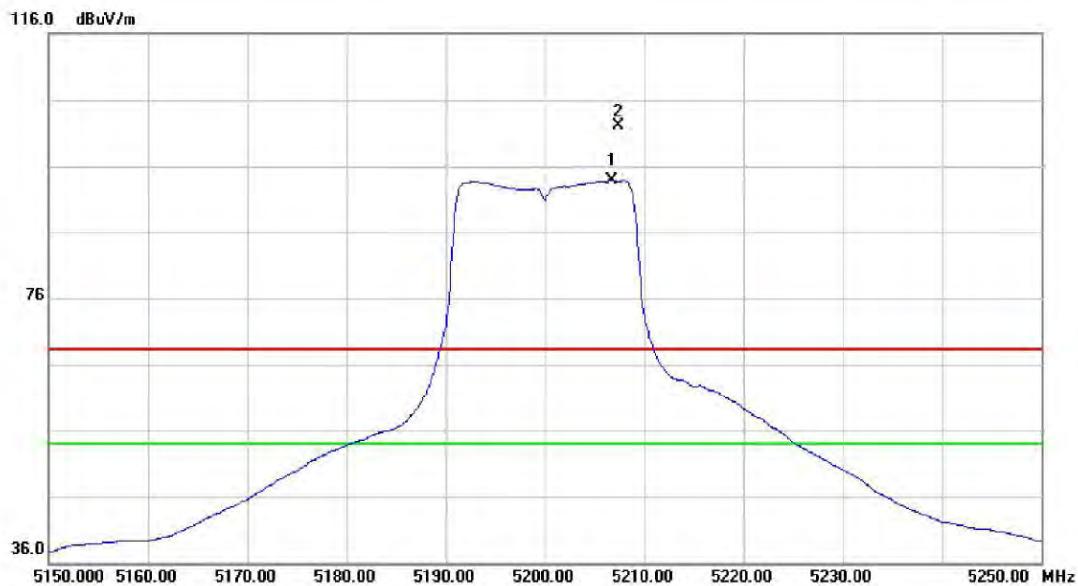
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5192.000	57.33	39.14	96.47	54.00	42.47	AVG	no limit
2	X	5192.500	65.47	39.14	104.61	68.30	36.31	peak	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

Vertical

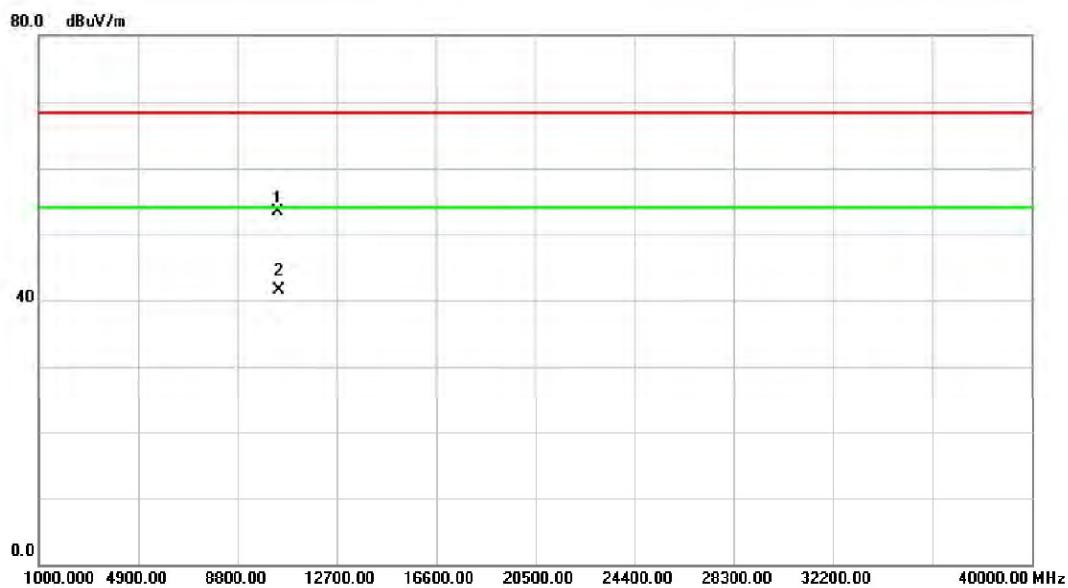
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		10400.25	33.61	18.52	52.13	68.30	-16.17	peak	
2	*	10400.25	23.34	18.52	41.86	54.00	-12.14	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

Horizontal

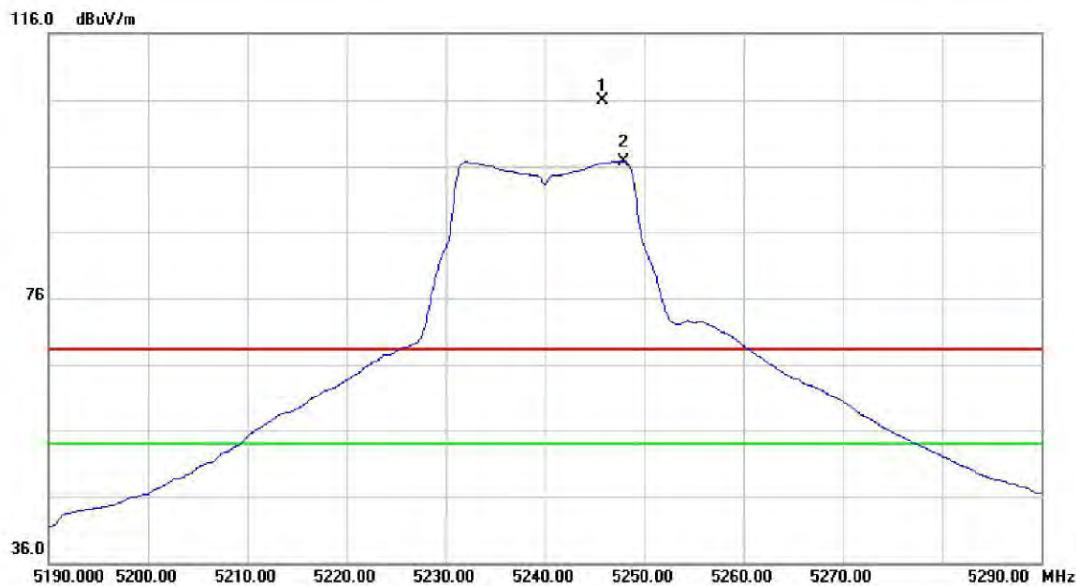
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5206.700	54.68	39.18	93.86	54.00	39.86	AVG	no limit
2	X	5207.400	62.93	39.19	102.12	68.30	33.82	peak	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

Horizontal

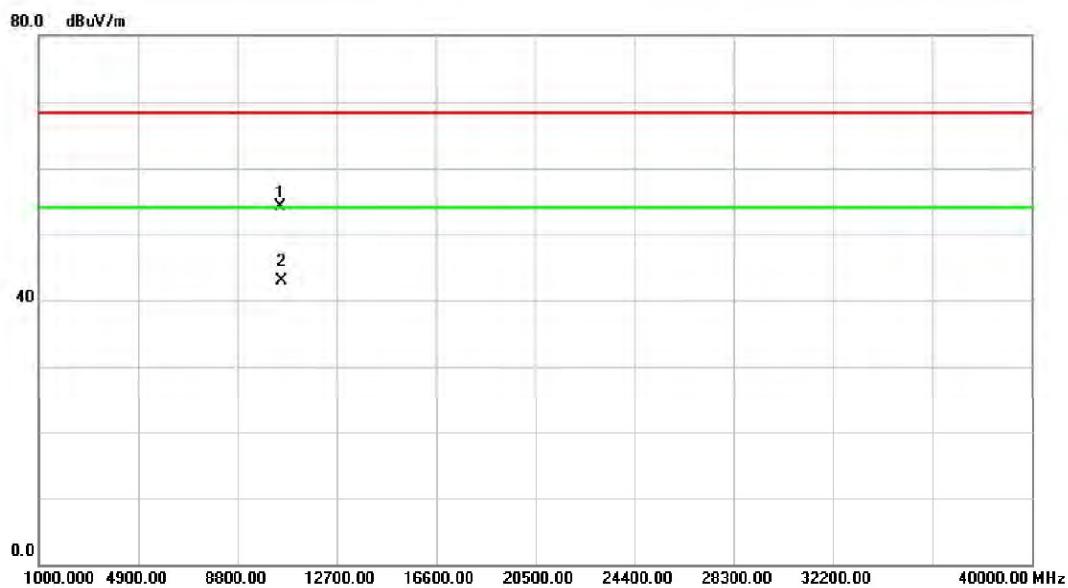
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		10398.45	34.88	18.52	53.40	68.30	-14.90	peak	
2	*	10400.45	22.97	18.52	41.49	54.00	-12.51	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

Vertical

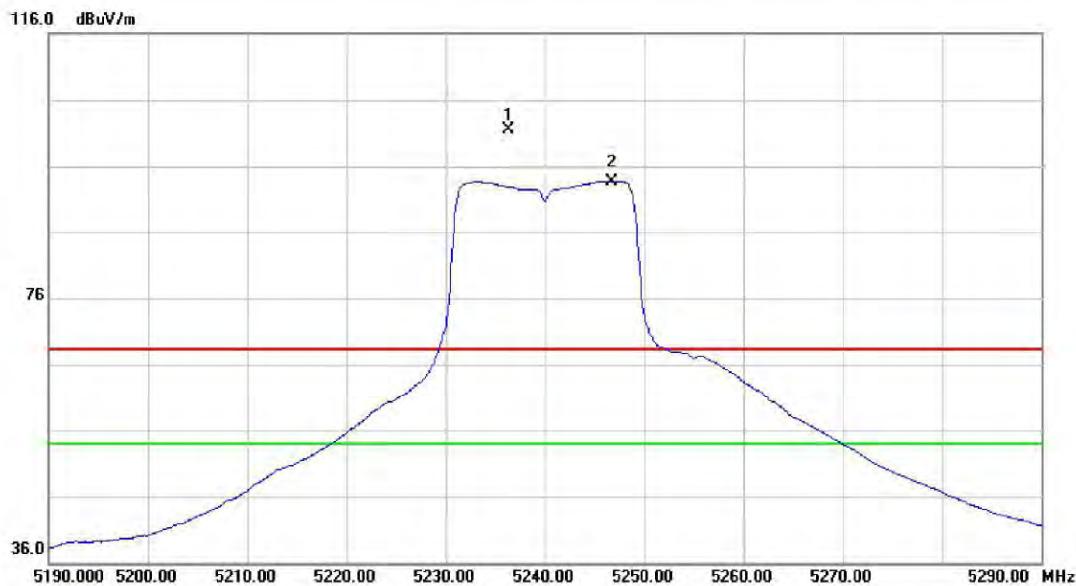
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	X	5245.800	66.61	39.31	105.92	68.30	37.62
2	*	5247.900	57.35	39.32	96.67	54.00	42.67
						AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

Vertical

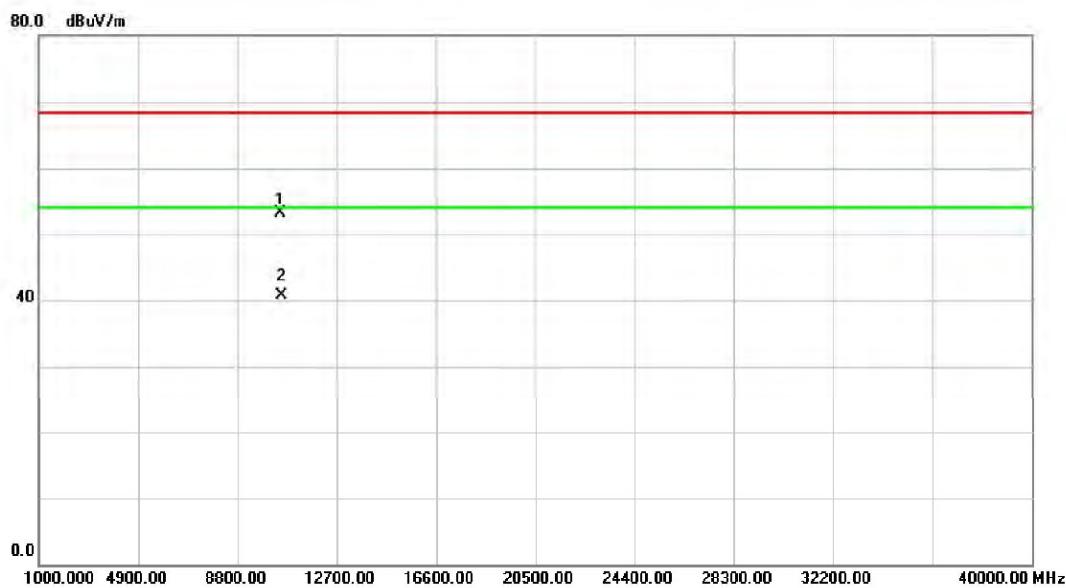
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10480.54	35.62	18.51	54.13	68.30	-14.17	peak	
2	*	10480.54	24.35	18.51	42.86	54.00	-11.14	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

Horizontal

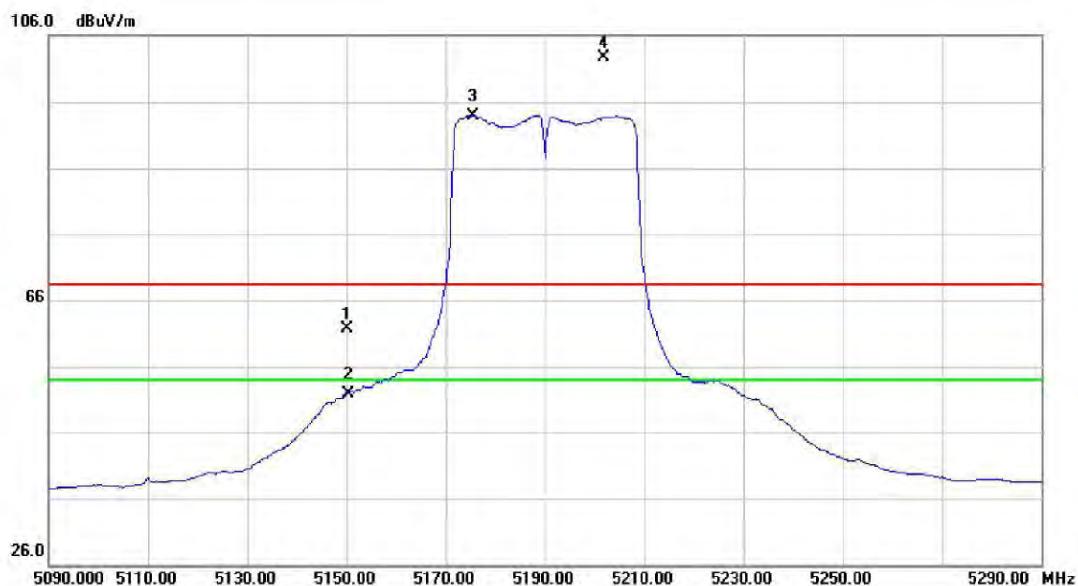
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	dB	Detector	Over	Comment
1	X	5236.300	62.19	39.28	101.47	68.30	33.17	peak		no limit
2	*	5246.700	54.48	39.32	93.80	54.00	39.80	AVG		no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

Horizontal

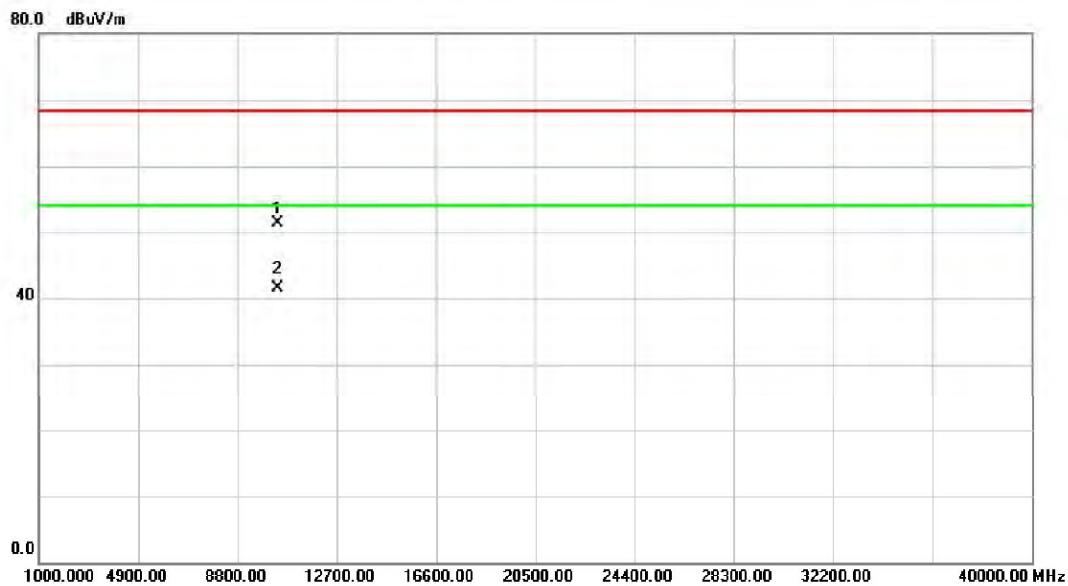
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10480.45	34.59	18.51	53.10	68.30	-15.20	peak	
2	*	10480.45	22.16	18.51	40.67	54.00	-13.33	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Vertical

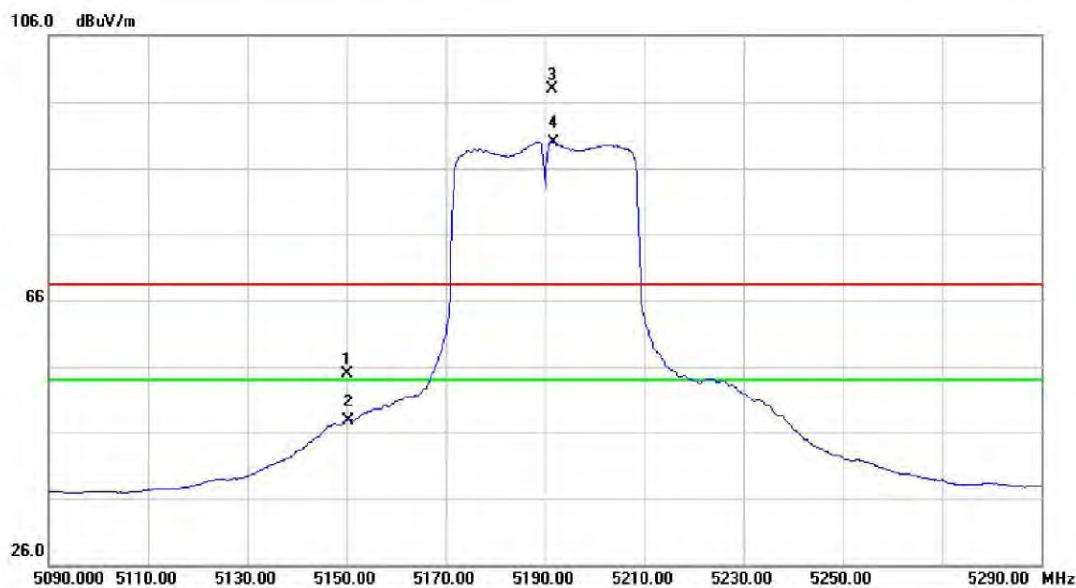
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5150.000	22.70	39.00	61.70	68.30	-6.60	peak	
2		5150.000	12.95	39.00	51.95	54.00	-2.05	AVG	
3	*	5175.400	54.81	39.08	93.89	54.00	39.89	AVG	no limit
4	X	5201.800	63.45	39.17	102.62	68.30	34.32	peak	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Vertical

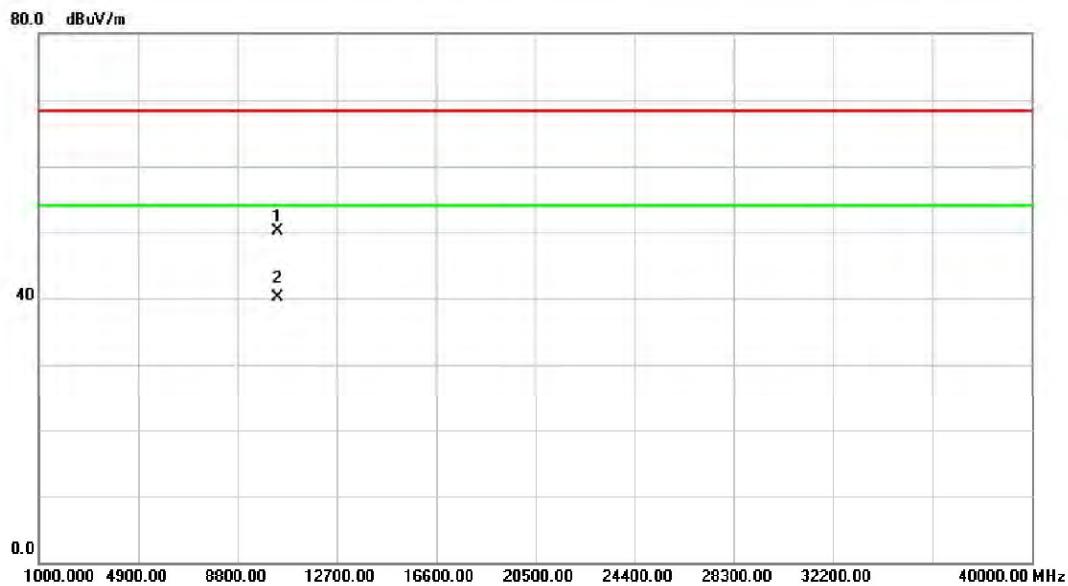
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		10380.17	32.75	18.52	51.27	68.30	-17.03	peak
2	*	10380.17	22.94	18.52	41.46	54.00	-12.54	AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Horizontal

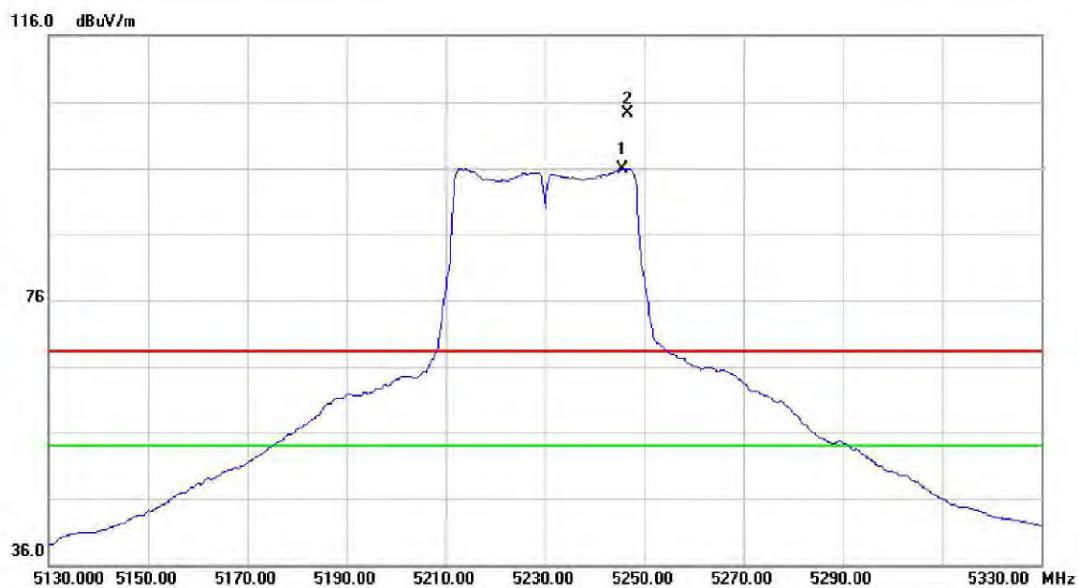
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level dBuV	Factor dB	ment dBuV/m				
1		5150.000	15.96	39.00	54.96	68.30	-13.34	peak	
2		5150.000	8.76	39.00	47.76	54.00	-6.24	AVG	
3	X	5191.400	58.67	39.14	97.81	68.30	29.51	peak	no limit
4	*	5191.600	50.80	39.14	89.94	54.00	35.94	AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Horizontal

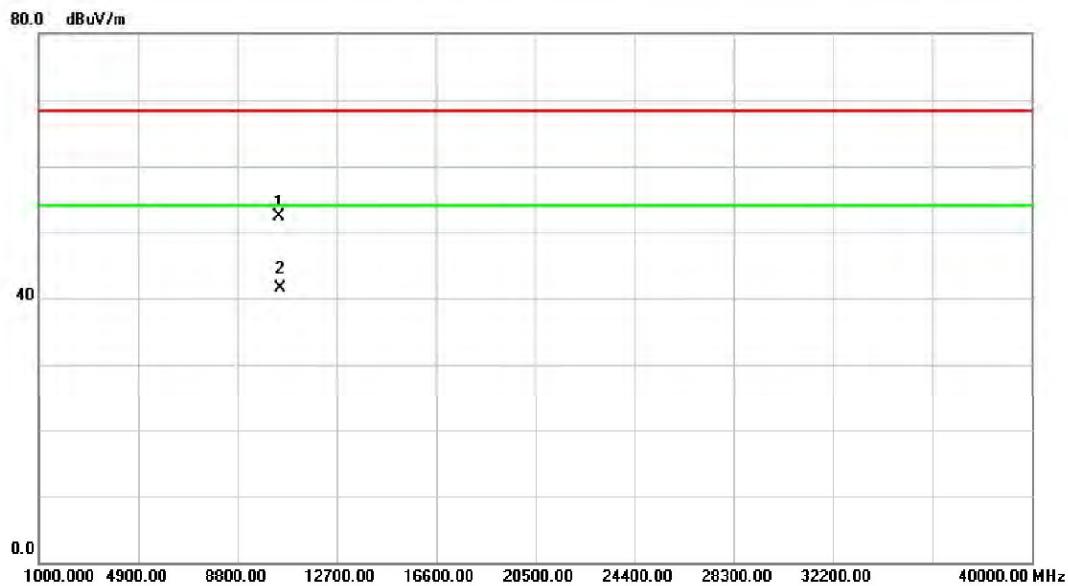
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10381.15	31.68	18.52	50.20	68.30	-18.10
2	*	10381.15	21.53	18.52	40.05	54.00	-13.95
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

Vertical

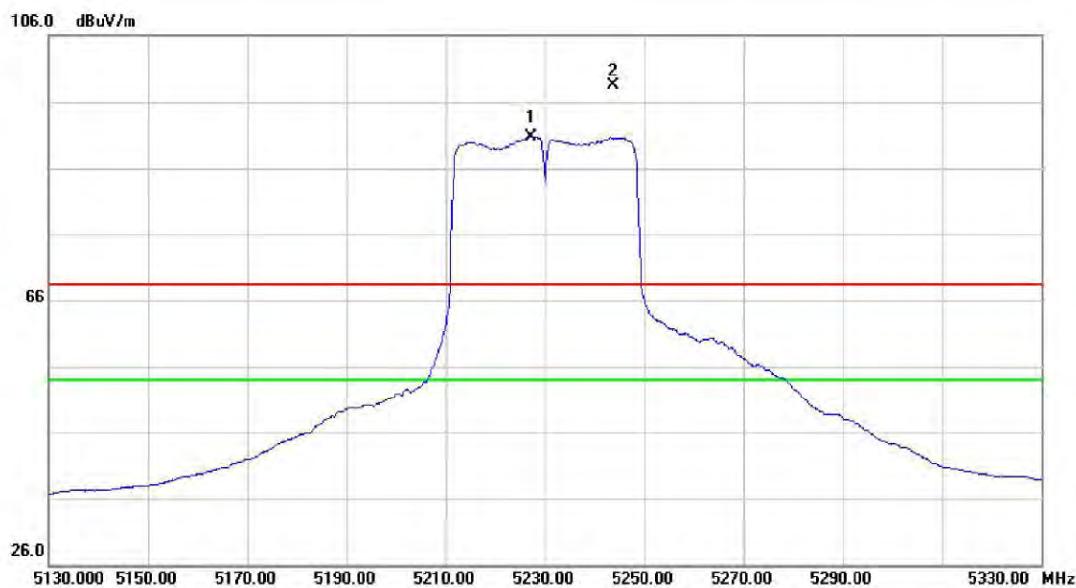
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5245.600	56.65	39.31	95.96	54.00	41.96	AVG	no limit
2	X	5246.600	64.98	39.32	104.30	68.30	36.00	peak	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

Vertical

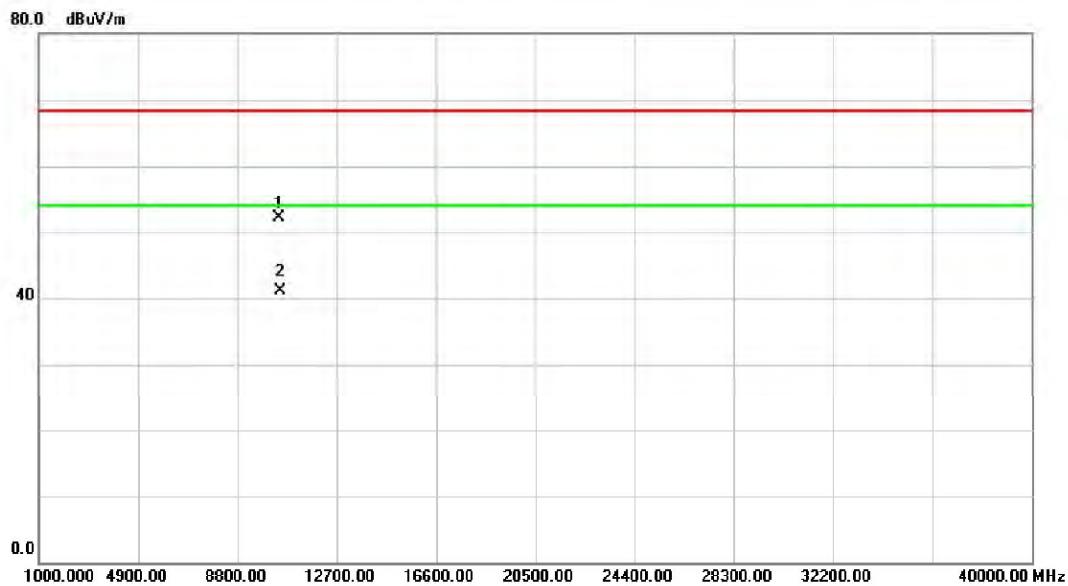
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10460.05	33.76	18.51	52.27	68.30	-16.03
2	*	10460.05	22.95	18.51	41.46	54.00	-12.54
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

Horizontal

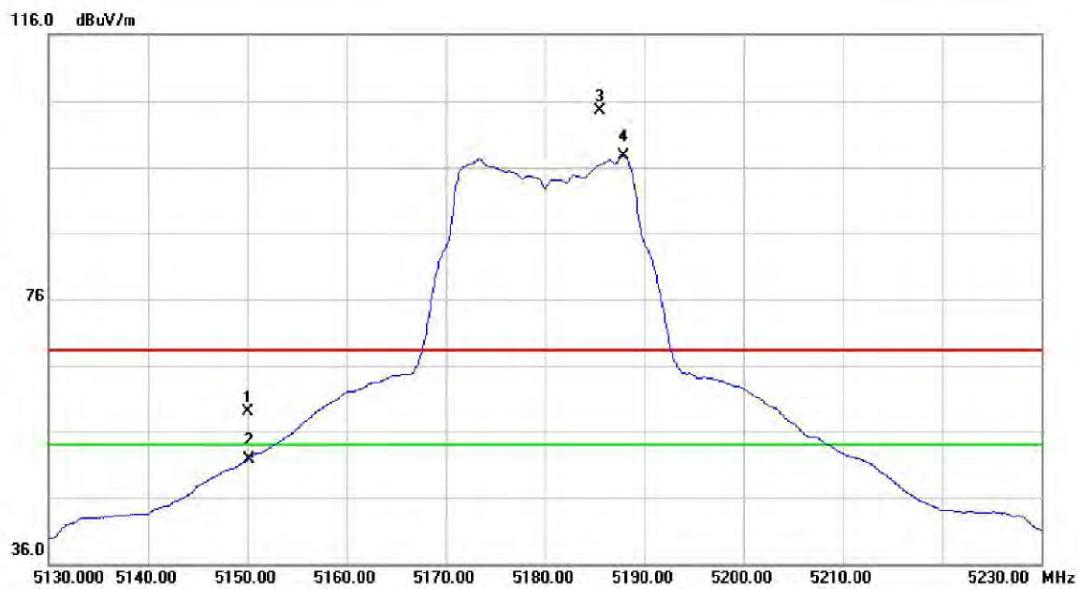
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment Limit dBuV/m	dB	Detector	Over Comment
1	*	5227.200	51.42	39.26	90.68	54.00	36.68	AVG no limit
2	X	5243.800	59.14	39.31	98.45	68.30	30.15	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

Horizontal

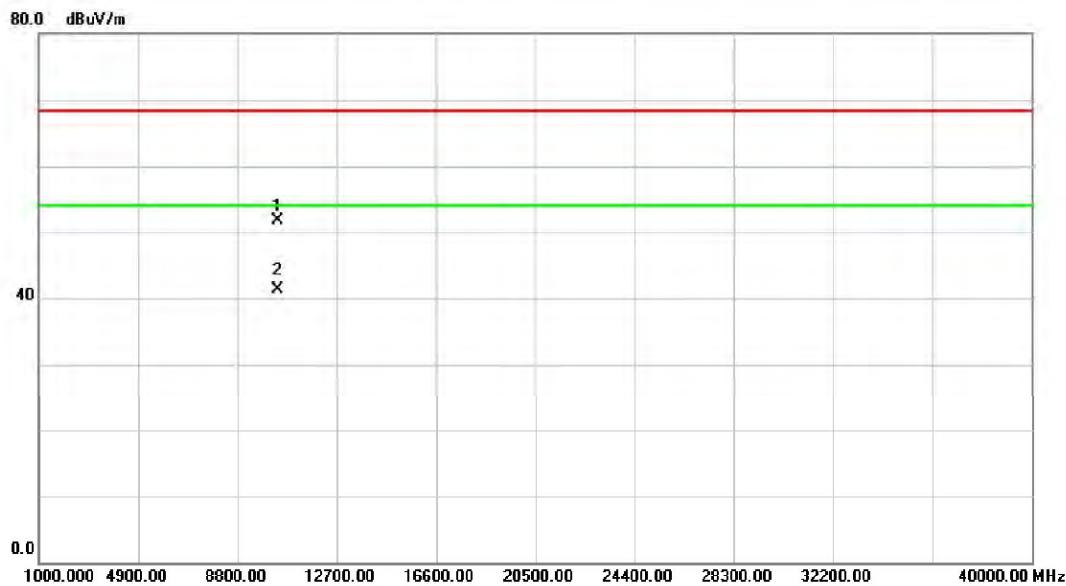
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10460.15	33.68	18.51	52.19	68.30	-16.11
2	*	10460.80	22.67	18.51	41.18	54.00	-12.82
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Vertical

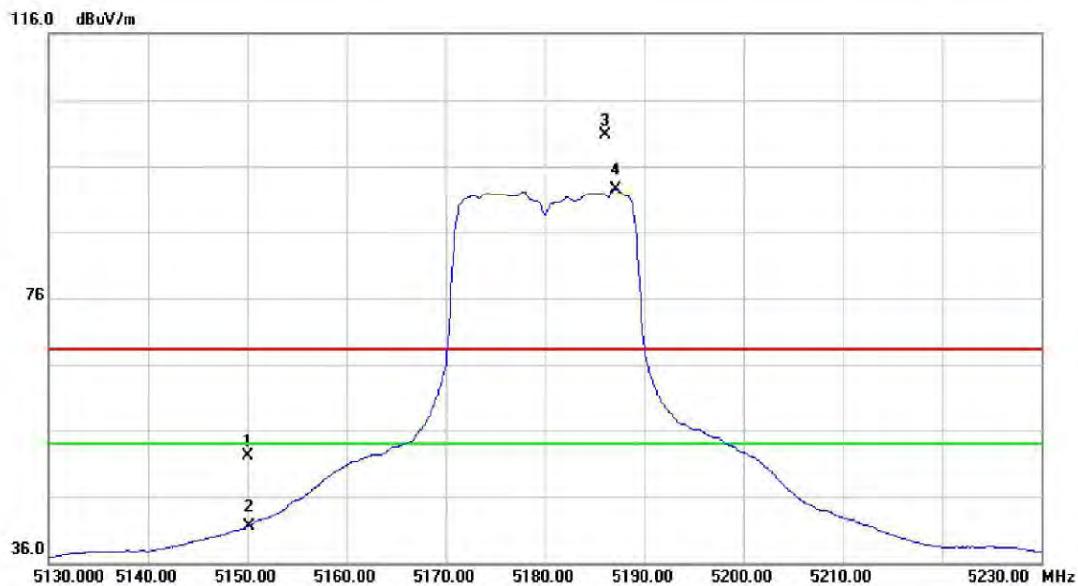
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	19.90	39.00	58.90	68.30	-9.40	peak	
2		5150.000	12.63	39.00	51.63	54.00	-2.37	AVG	
3	X	5185.500	65.44	39.12	104.56	68.30	36.26	peak	no limit
4	*	5187.900	58.52	39.13	97.65	54.00	43.65	AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Vertical

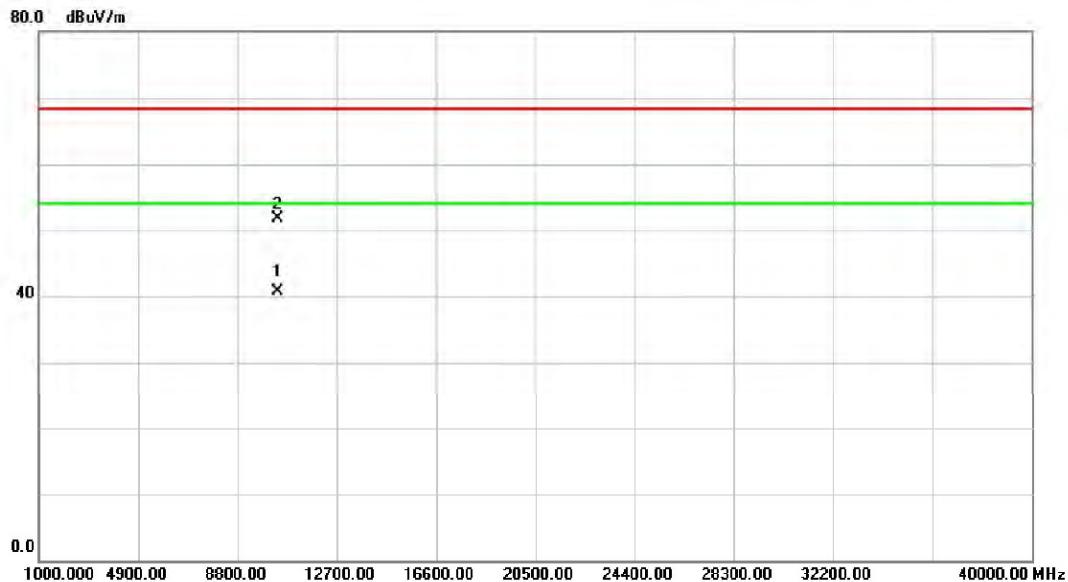
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10360.52	33.26	18.52	51.78	68.30	-16.52	peak	
2	*	10360.52	22.71	18.52	41.23	54.00	-12.77	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Horizontal

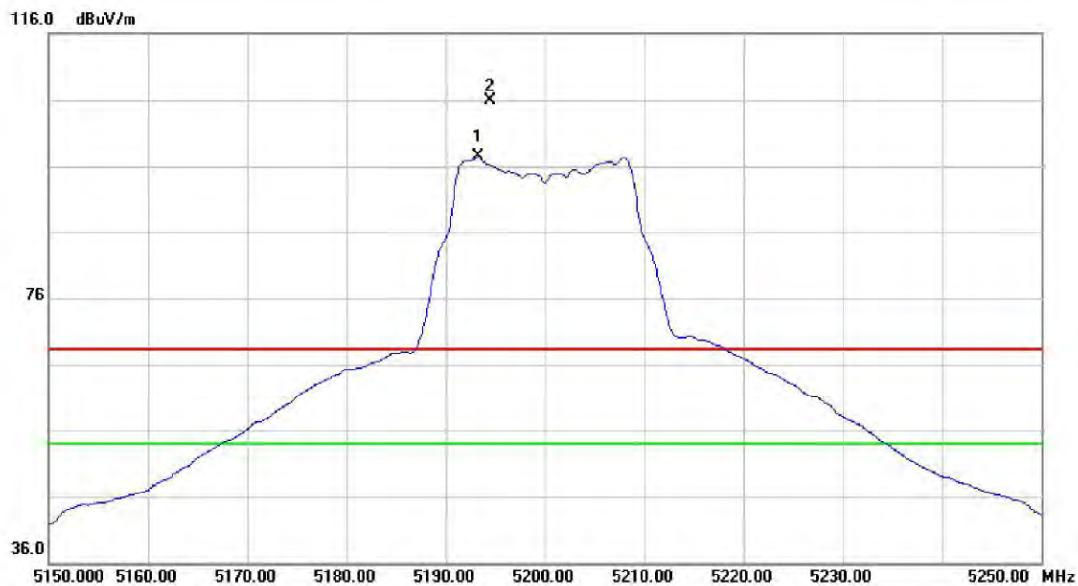
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	13.03	39.00	52.03	68.30	-16.27	peak	
2		5150.000	2.55	39.00	41.55	54.00	-12.45	AVG	
3	X	5186.100	61.55	39.12	100.67	68.30	32.37	peak	no limit
4	*	5187.100	53.46	39.12	92.58	54.00	38.58	AVG	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Horizontal

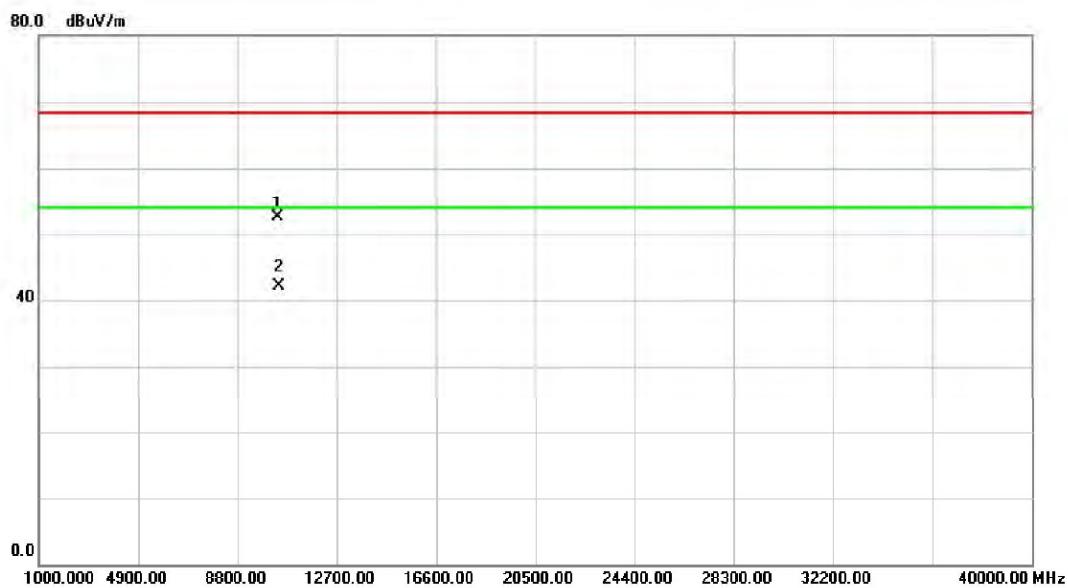
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1	*	10359.87	22.17	18.52	40.69	54.00	-13.31	AVG
2		10360.51	33.28	18.52	51.80	68.30	-16.50	peak

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

Vertical

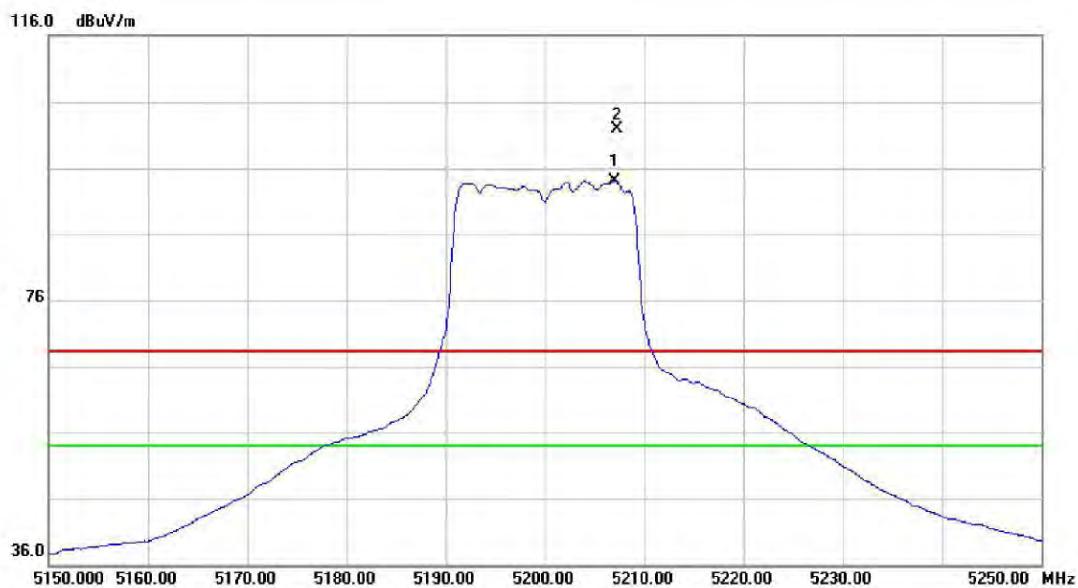
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1	*	5193.300	58.30	39.15	97.45	54.00	43.45	AVG no limit
2	X	5194.400	66.76	39.15	105.91	68.30	37.61	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

Vertical

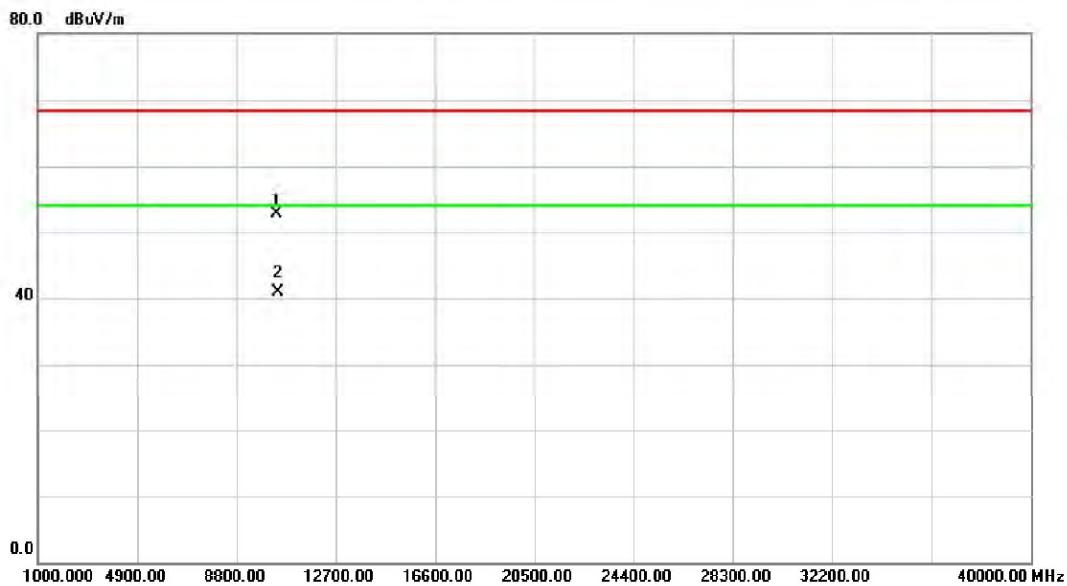
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		10401.07	33.94	18.52	52.46	68.30	-15.84	peak
2	*	10401.07	23.67	18.52	42.19	54.00	-11.81	AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

Horizontal

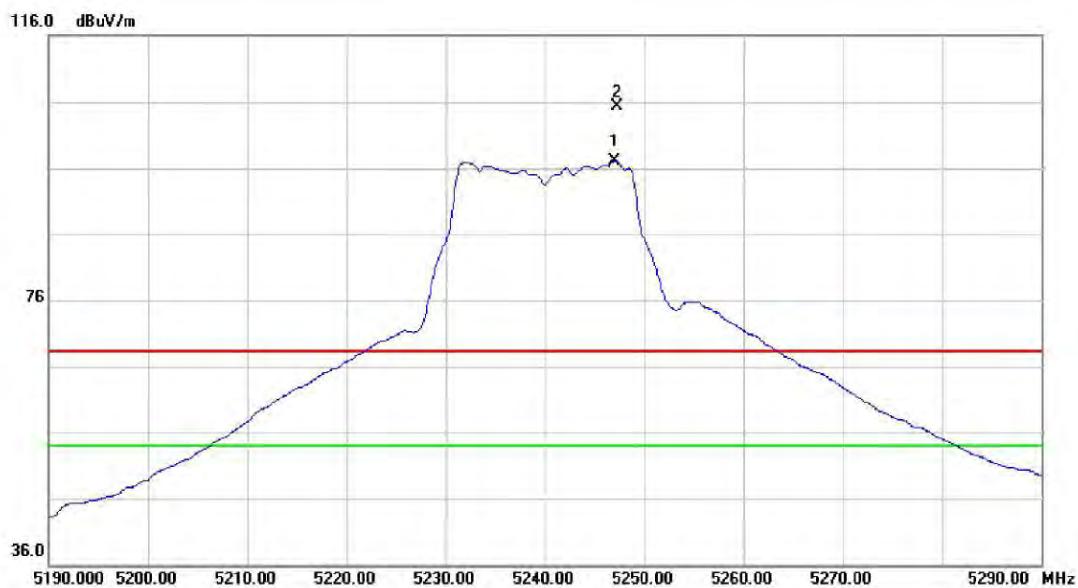
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	5207.000	54.94	39.19	94.13	54.00	40.13	AVG no limit
2	X	5207.200	62.78	39.19	101.97	68.30	33.67	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

Horizontal

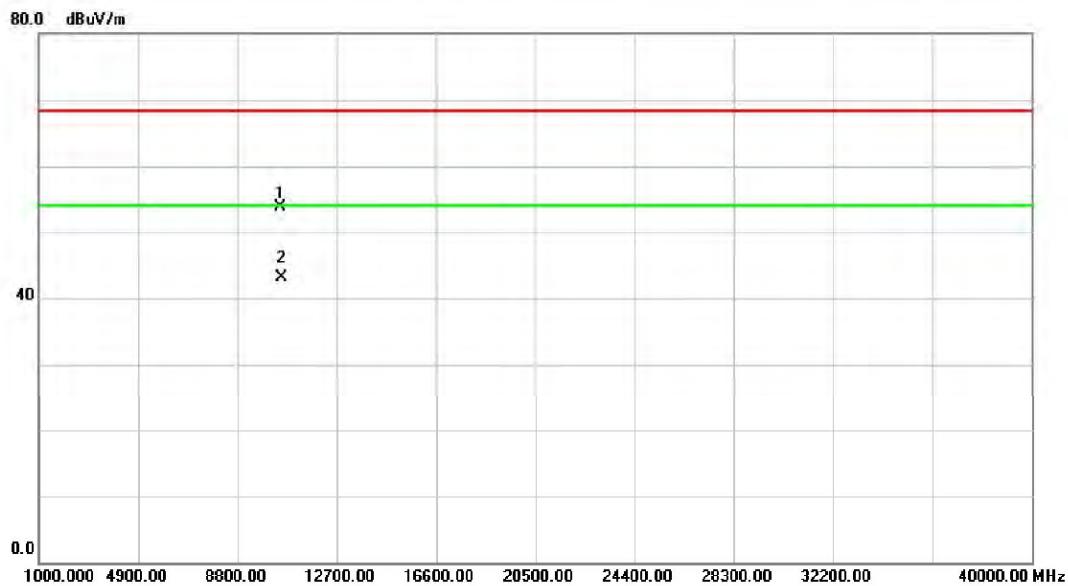
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		10399.17	34.28	18.52	52.80	68.30	-15.50	peak
2	*	10400.92	22.37	18.52	40.89	54.00	-13.11	AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

Vertical

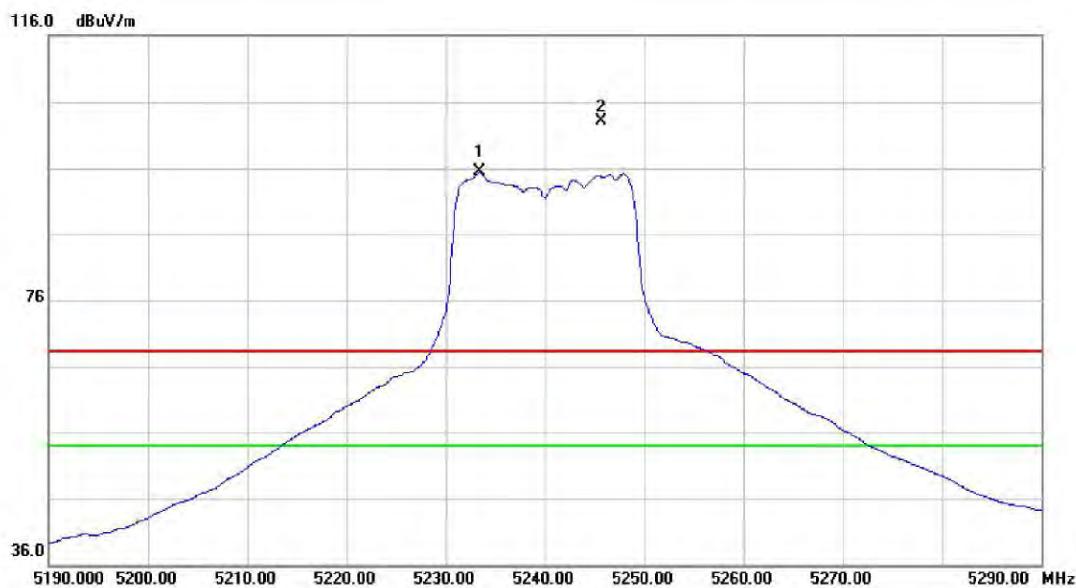
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1	*	5247.000	57.82	39.32	97.14	54.00	43.14	AVG no limit
2	X	5247.300	65.98	39.32	105.30	68.30	37.00	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		10480.21	35.12	18.51	53.63	68.30	-14.67	peak
2	*	10480.21	24.69	18.51	43.20	54.00	-10.80	AVG

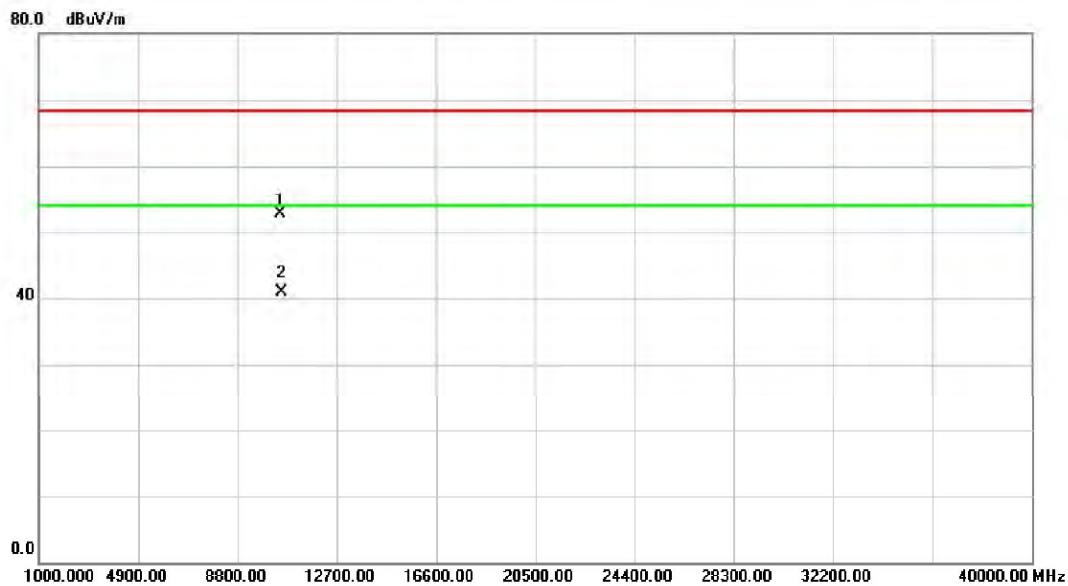
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

Horizontal

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5233.400	56.14	39.27	95.41	54.00	41.41
2	X	5245.600	63.83	39.31	103.14	68.30	34.84

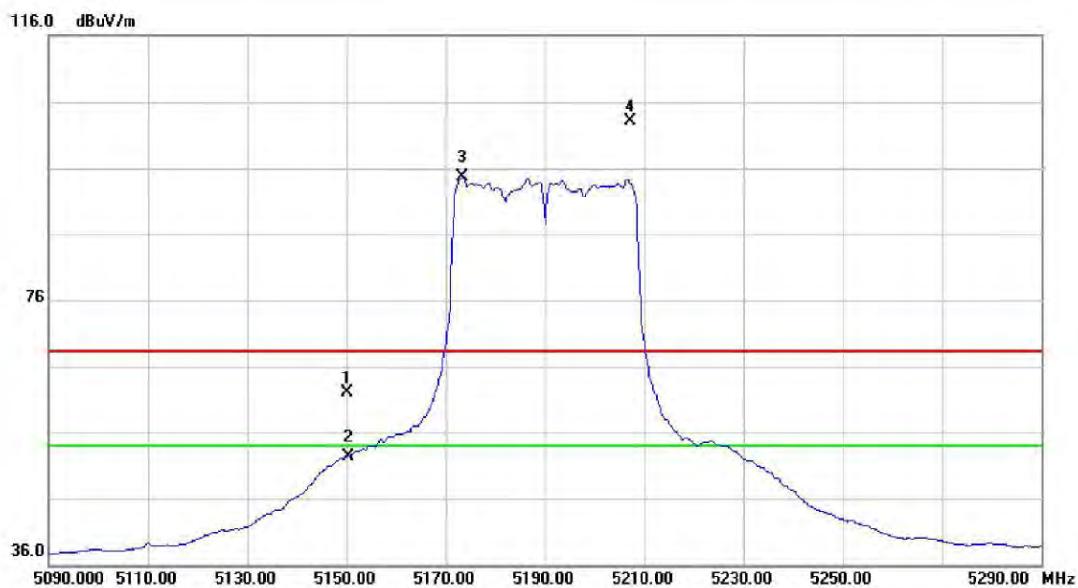
Detailed description: This table provides the measured data points corresponding to the peaks shown in the spectral plot. Peak 1 is at 5233.400 MHz with a reading of 56.14 dBuV and a corrected value of 95.41 dBuV/m. Peak 2 is at 5245.600 MHz with a reading of 63.83 dBuV and a corrected value of 103.14 dBuV/m. The table includes columns for No., Mk., Freq., Reading Level (dBuV), Correct Factor (dB), Measurement (dBuV/m), Limit (dBuV/m), and Detector (dB).

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

Horizontal

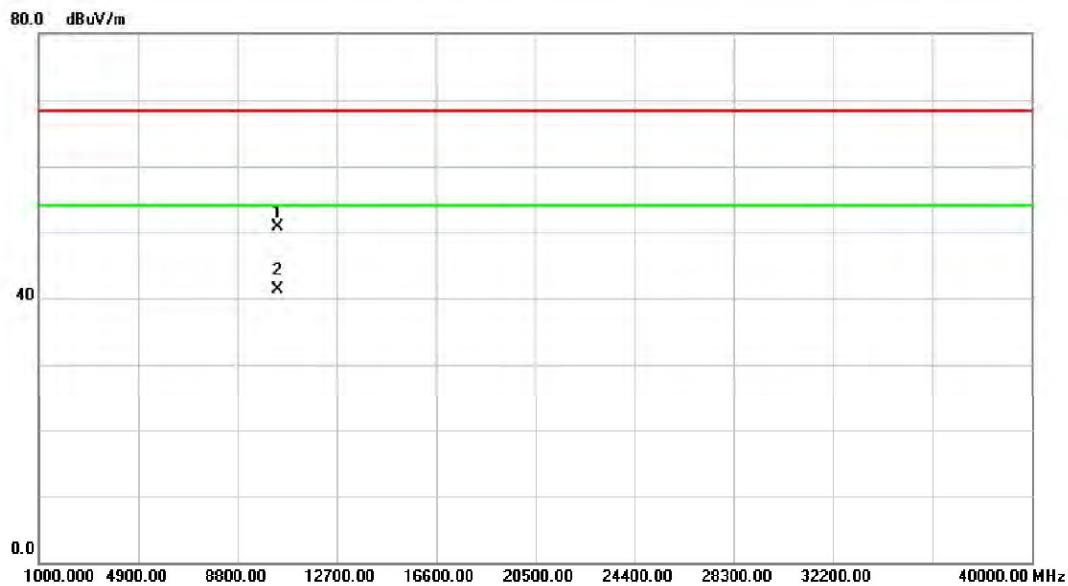
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10480.81	34.29	18.51	52.80	68.30	-15.50
2	*	10480.81	22.37	18.51	40.88	54.00	-13.12
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Vertical

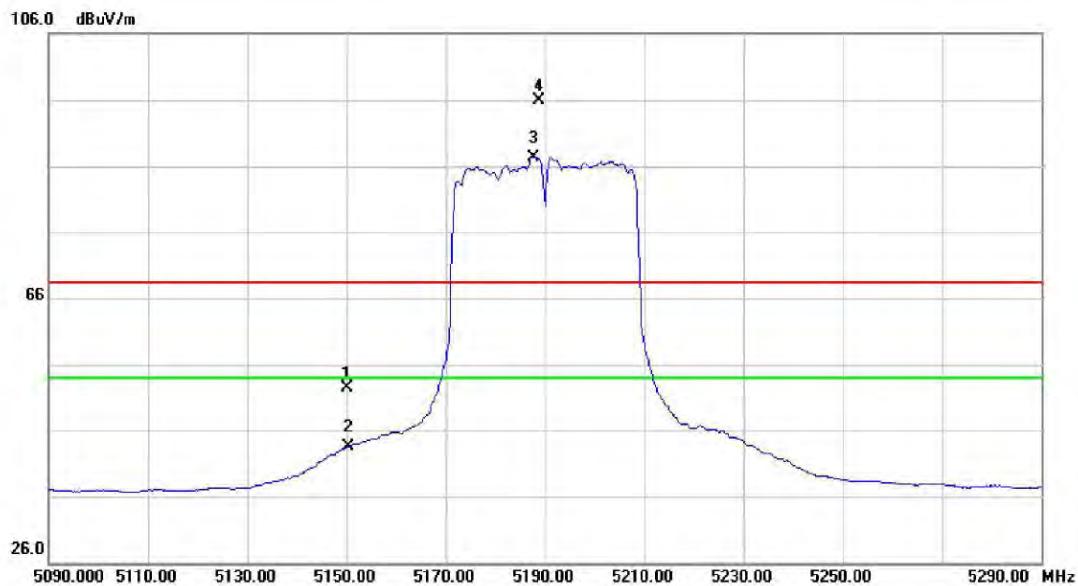
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		5150.000	23.14	39.00	62.14	68.30	-6.16	peak
2		5150.000	13.32	39.00	52.32	54.00	-1.68	AVG
3	*	5173.400	55.67	39.07	94.74	54.00	40.74	AVG no limit
4	X	5207.200	63.86	39.19	103.05	68.30	34.75	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Vertical

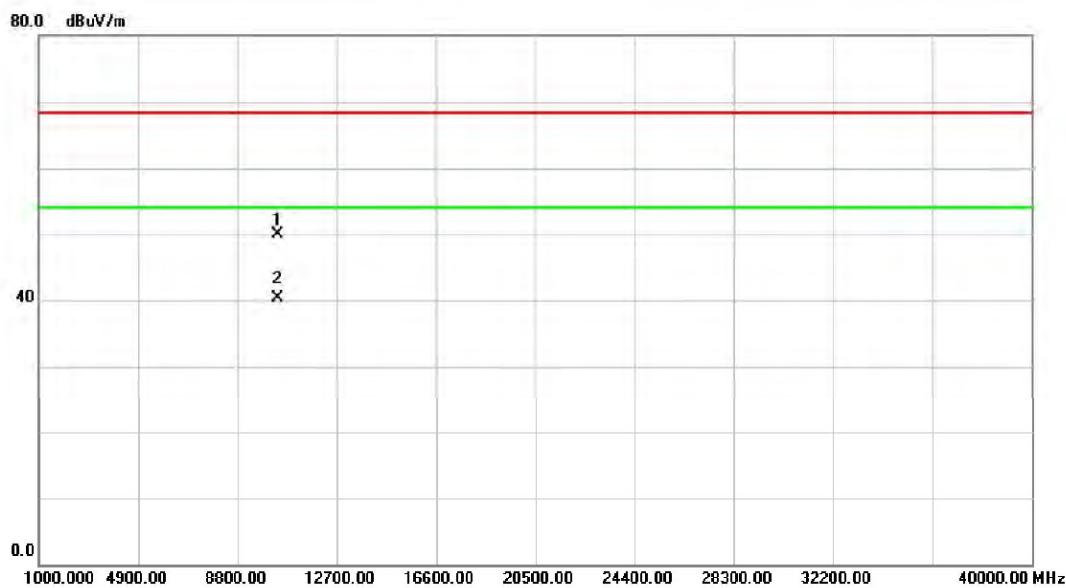
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		10380.67	32.15	18.52	50.67	68.30	-17.63	peak	
2	*	10380.67	22.73	18.52	41.25	54.00	-12.75	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Horizontal

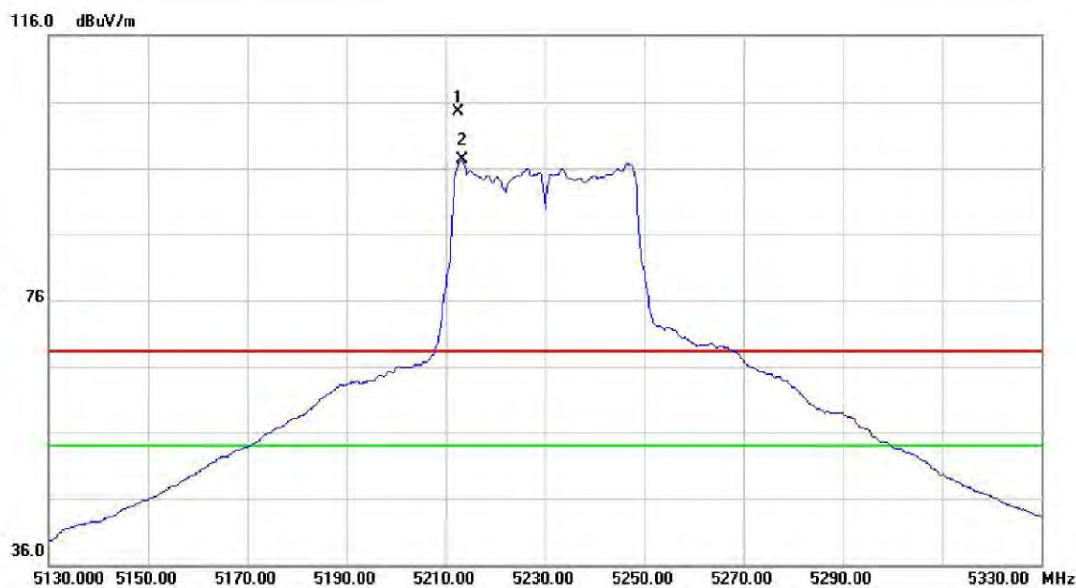
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit dBuV/m	Over dB	Detector	Comment
			Level dBuV	Factor dB	ment dBuV/m				
1		5150.000	13.41	39.00	52.41	68.30	-15.89	peak	
2		5150.000	4.42	39.00	43.42	54.00	-10.58	AVG	
3	*	5187.600	48.23	39.13	87.36	54.00	33.36	AVG	no limit
4	X	5188.800	56.77	39.13	95.90	68.30	27.60	peak	no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Horizontal

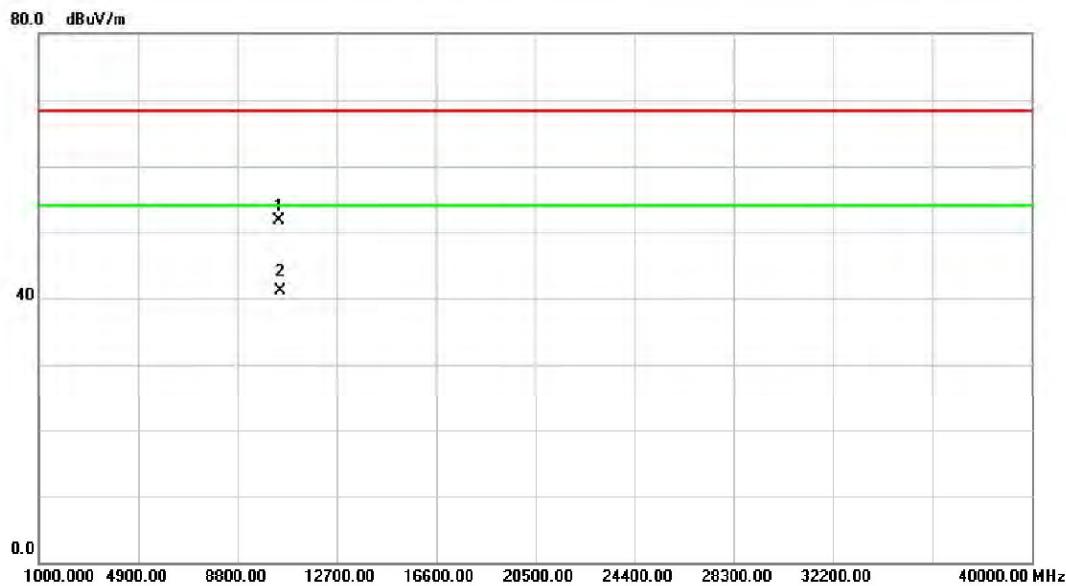
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		10380.35	31.41	18.52	49.93	68.30	-18.37	peak
2	*	10380.35	21.69	18.52	40.21	54.00	-13.79	AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Vertical

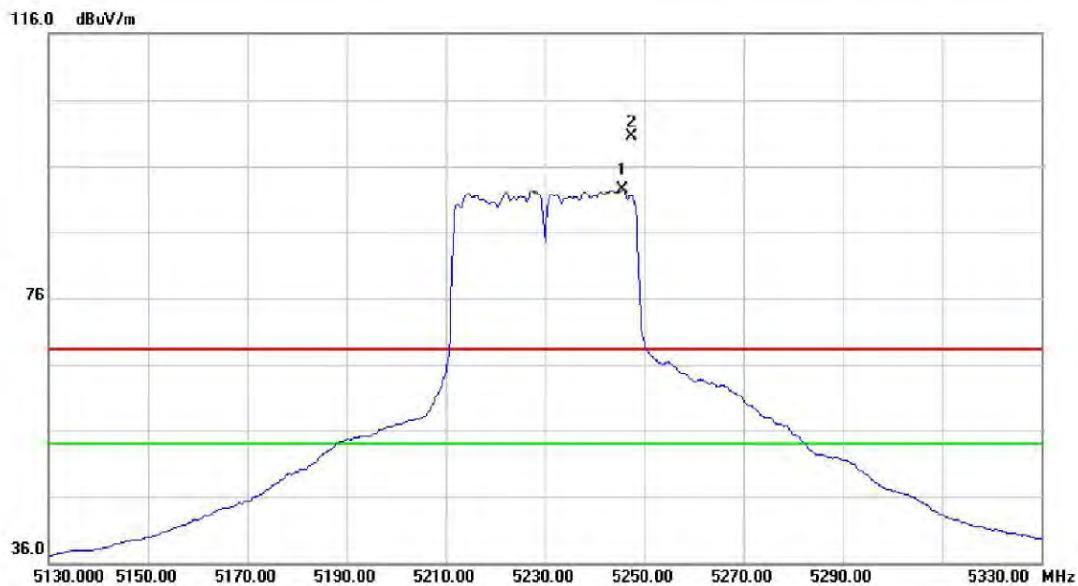
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1	X	5212.600	65.33	39.21	104.54	68.30	36.24	peak no limit
2	*	5213.400	58.06	39.21	97.27	54.00	43.27	AVG no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Vertical

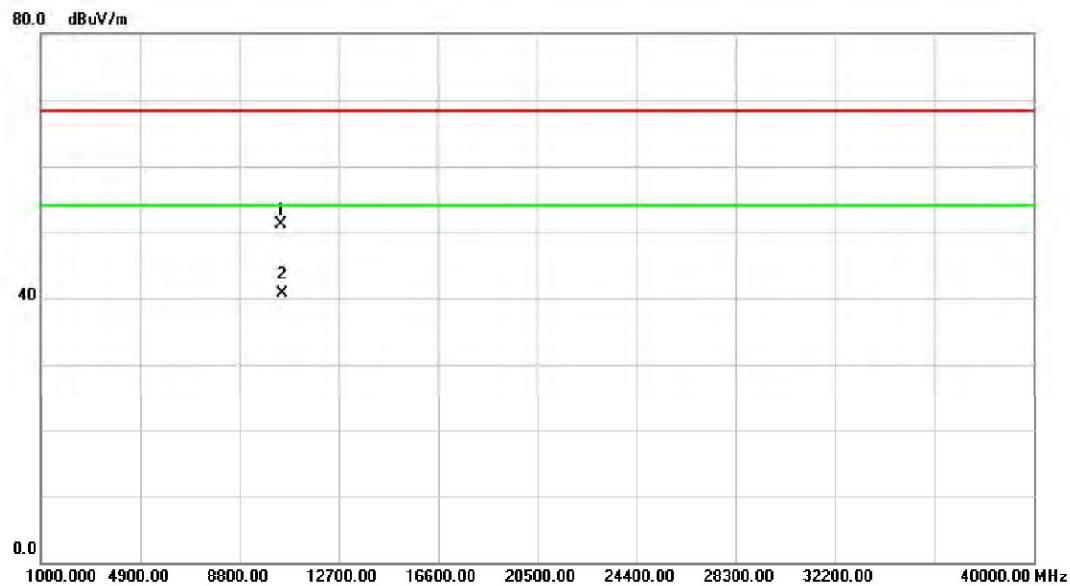
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		10459.17	33.24	18.51	51.75	68.30	-16.55
2	*	10459.17	22.58	18.51	41.09	54.00	-12.91
							AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Horizontal

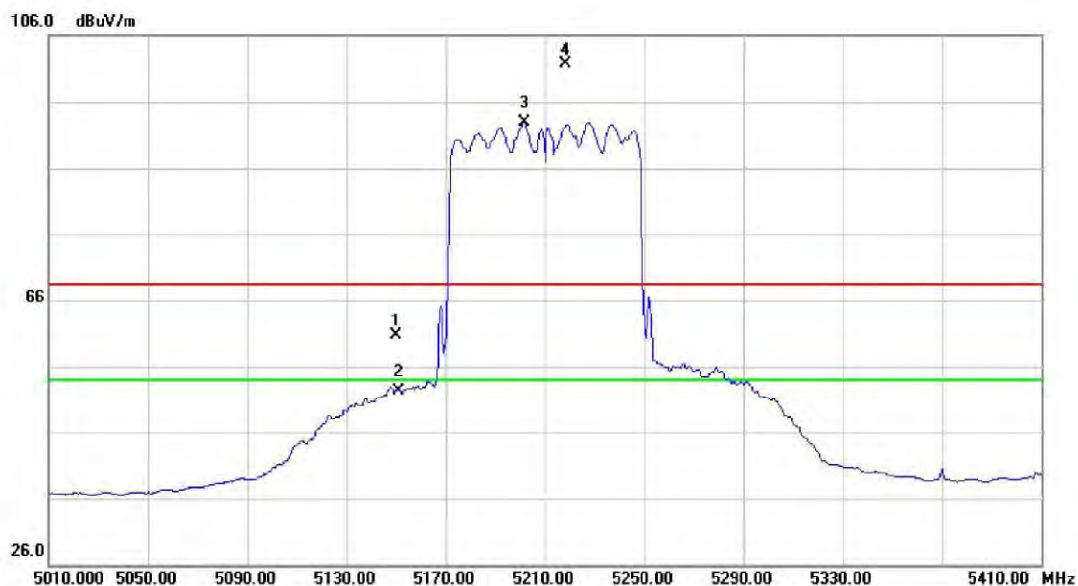
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	5245.600	53.11	39.31	92.42	54.00	38.42	AVG no limit
2	X	5247.400	61.23	39.32	100.55	68.30	32.25	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Horizontal

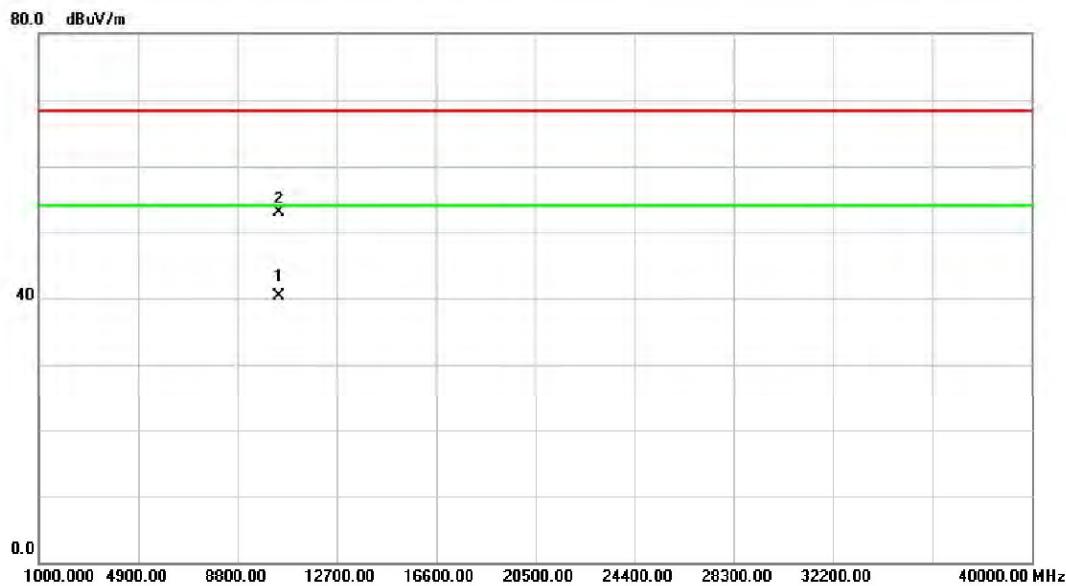
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		10460.64	32.65	18.51	51.16	68.30	-17.14	peak	
2	*	10460.64	22.17	18.51	40.68	54.00	-13.32	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Vertical

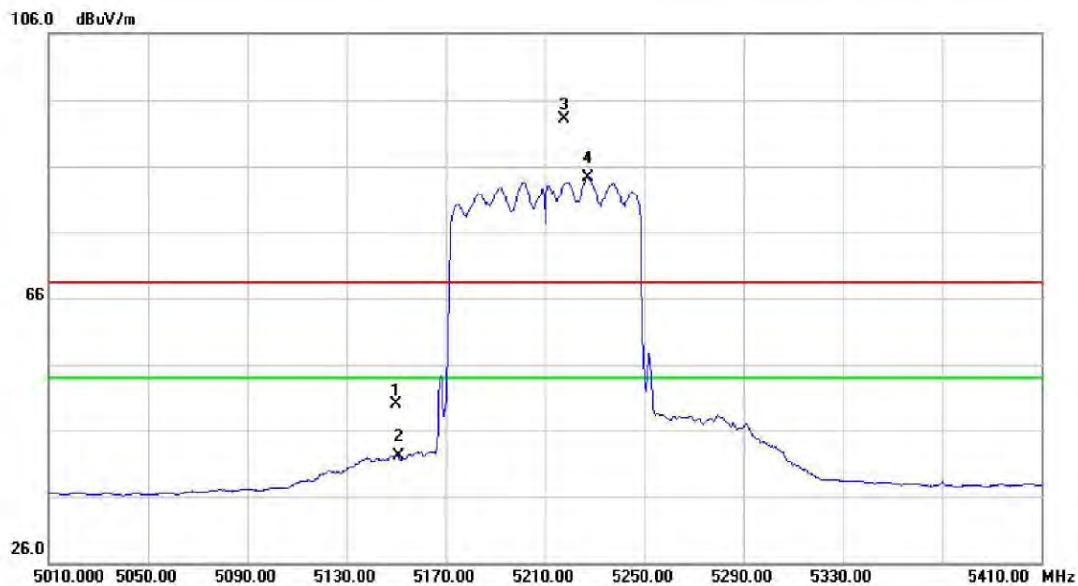
No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1		5150.000	21.69	39.00	60.69	68.30	-7.61	peak
2		5150.000	13.23	39.00	52.23	54.00	-1.77	AVG
3	*	5201.600	53.68	39.17	92.85	54.00	38.85	AVG no limit
4	X	5218.400	62.41	39.23	101.64	68.30	33.34	peak no limit

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Vertical

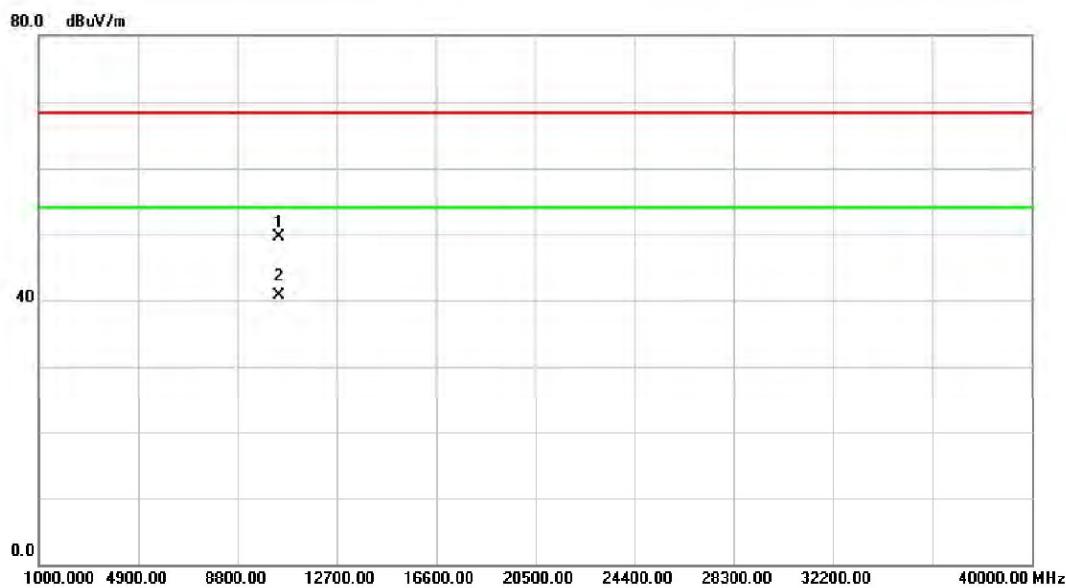
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	dB	Detector	Over	Comment
1	*	10420.40	21.74	18.51	40.25	54.00	-13.75	AVG		
2		10422.20	34.37	18.51	52.88	68.30	-15.42	peak		

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Horizontal

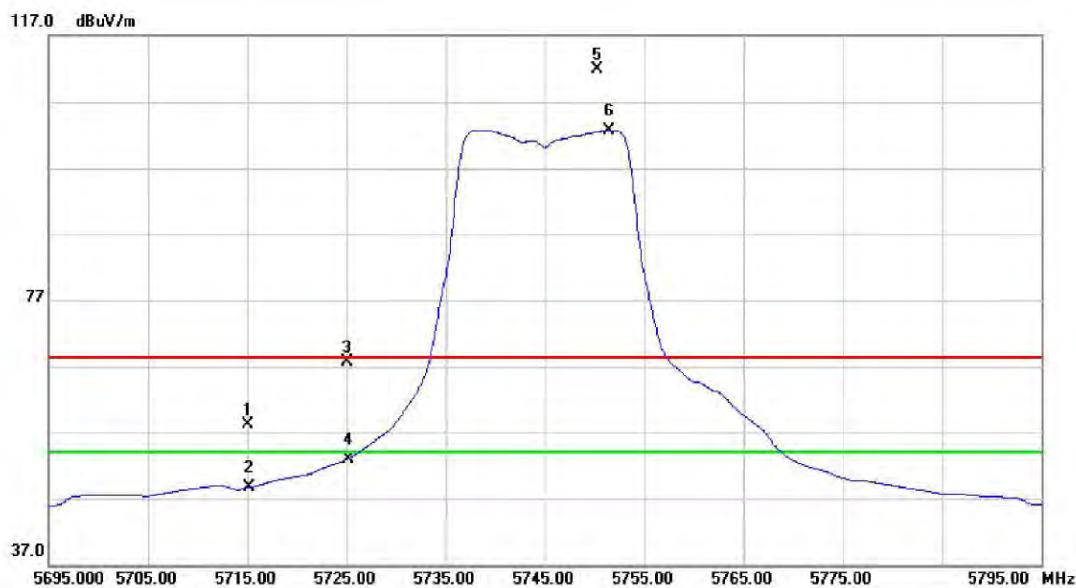
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	dB	Detector	Over	Comment
1		5150.000	10.94	39.00	49.94	68.30	-18.36	peak		
2		5150.000	3.02	39.00	42.02	54.00	-11.98	AVG		
3	X	5217.600	53.82	39.22	93.04	68.30	24.74	peak	no limit	
4	*	5227.200	45.10	39.26	84.36	54.00	30.36	AVG	no limit	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Horizontal

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dB	Detector Comment
1		10419.90	31.09	18.51	49.60	68.30	-18.70 peak
2	*	10419.90	22.10	18.51	40.61	54.00	-13.39 AVG

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5745MHz

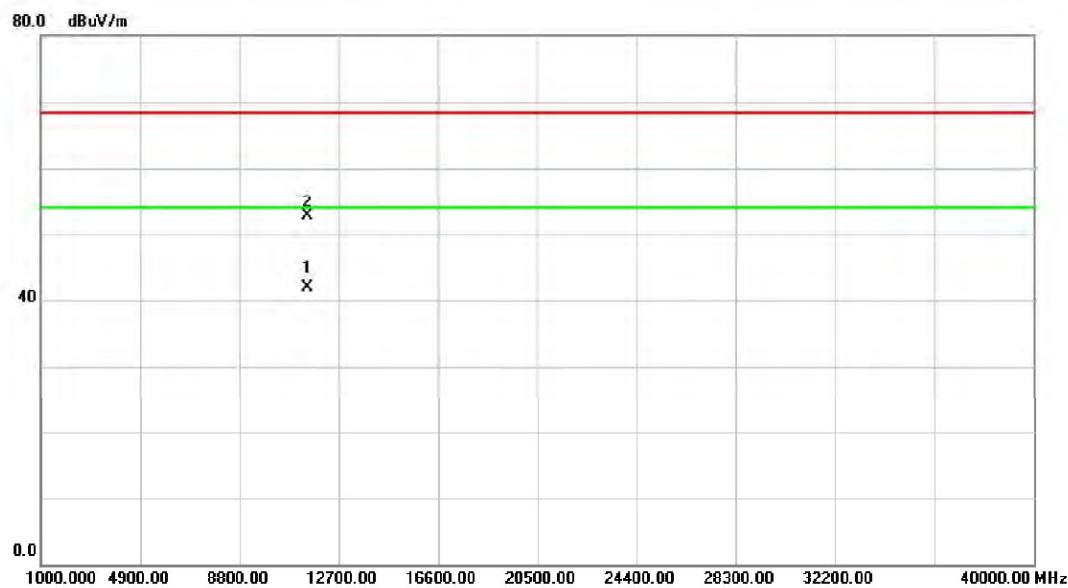
Vertical

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		5715.000	14.67	43.47	58.14	68.30	-10.16	peak
2		5715.000	5.14	43.47	48.61	54.00	-5.39	AVG
3		5725.000	24.29	43.51	67.80	68.30	-0.50	peak
4		5725.000	9.39	43.51	52.90	54.00	-1.10	AVG
5	X	5750.300	68.22	43.62	111.84	68.30	43.54	peak no limit
6	*	5751.400	59.13	43.63	102.76	54.00	48.76	AVG no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;

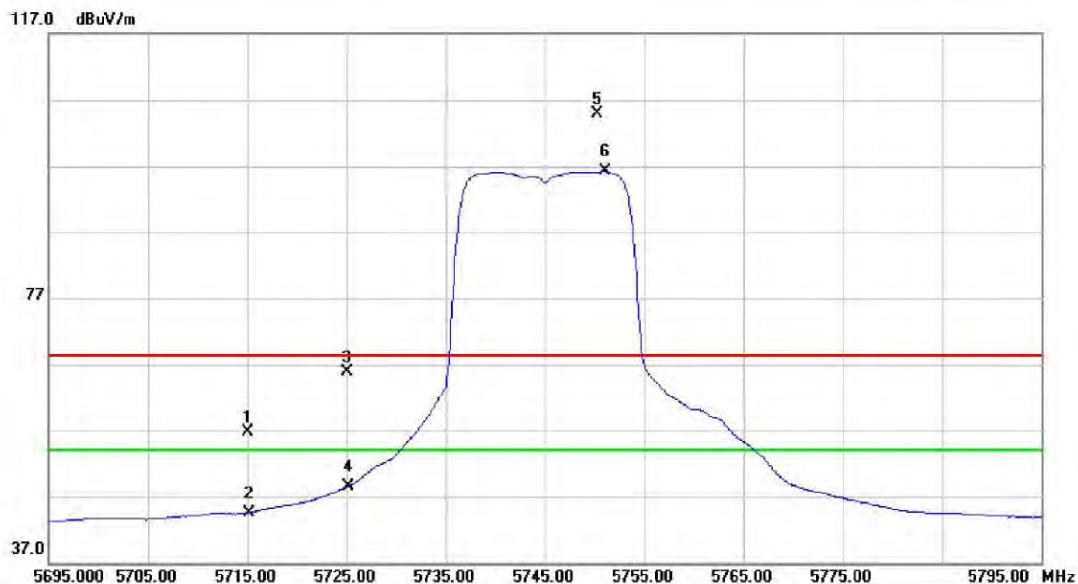
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5745MHz

Vertical

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	dB	Detector	Over	Comment
1	*	11490.76	21.67	20.19	41.86	54.00	-12.14	AVG		
2		11490.93	32.55	20.19	52.74	68.30	-15.56	peak		

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5745MHz

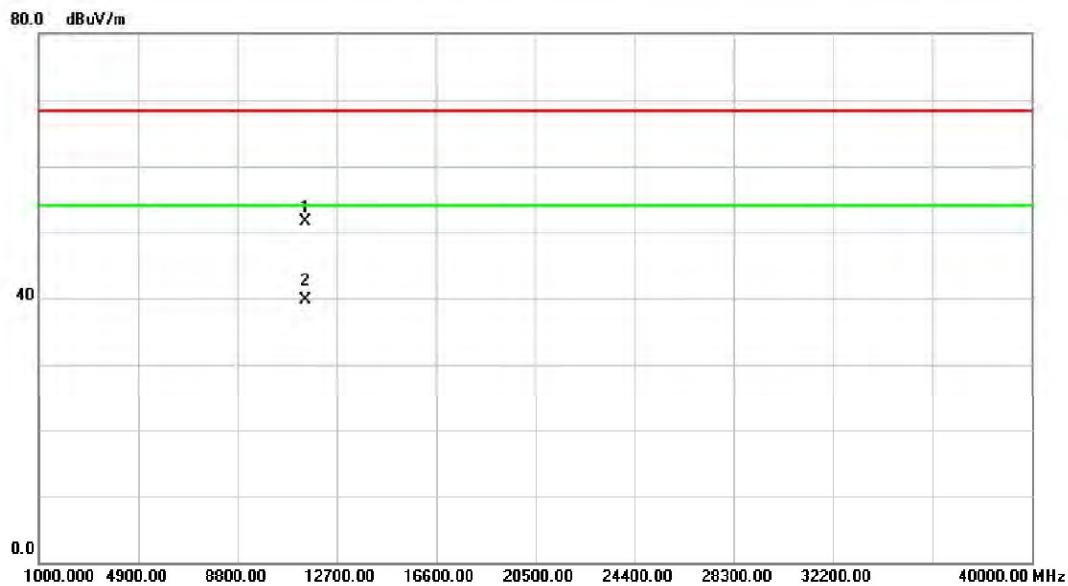
Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		5715.000	13.20	43.47	56.67	68.30	-11.63	peak
2		5715.000	1.12	43.47	44.59	54.00	-9.41	AVG
3		5725.000	22.49	43.51	66.00	68.30	-2.30	peak
4		5725.000	4.90	43.51	48.41	54.00	-5.59	AVG
5	X	5750.300	61.22	43.62	104.84	68.30	36.54	peak no limit
6	*	5751.000	52.60	43.62	96.22	54.00	42.22	AVG no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;

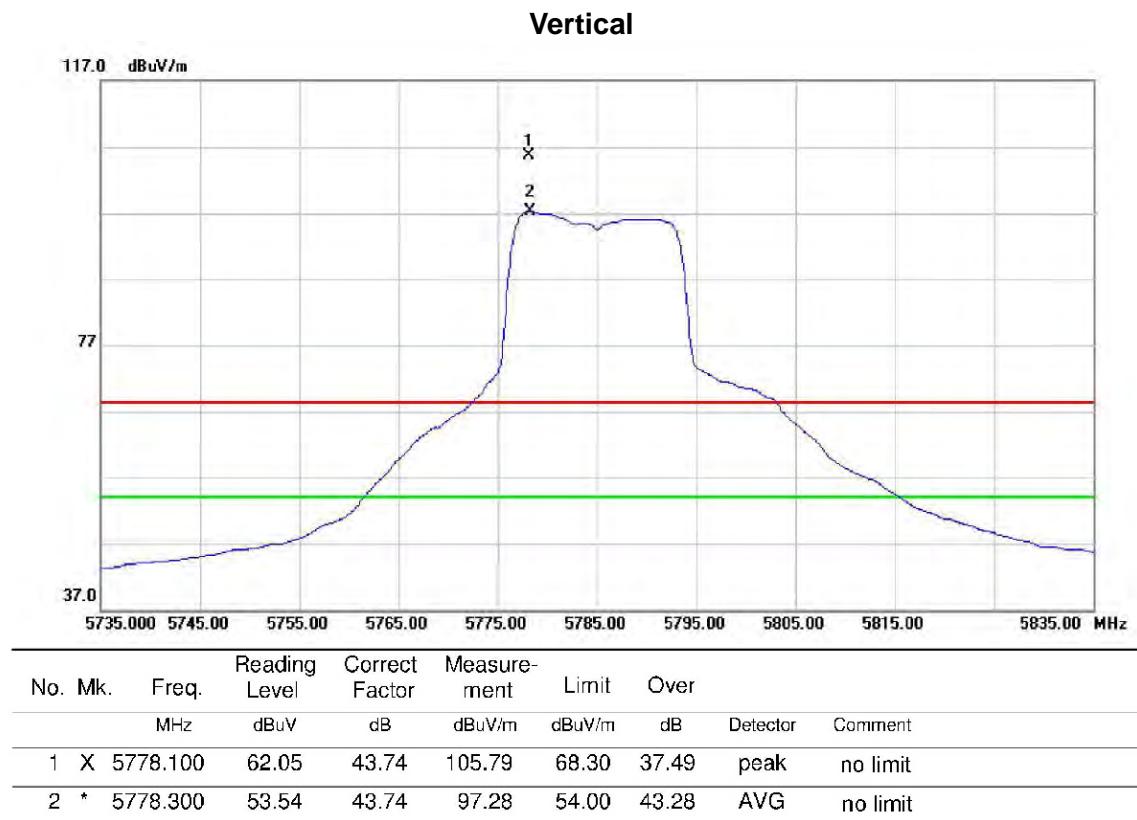
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5745MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		11489.81	31.32	20.19	51.51	68.30	-16.79	peak
2	*	11489.81	19.51	20.19	39.70	54.00	-14.30	AVG

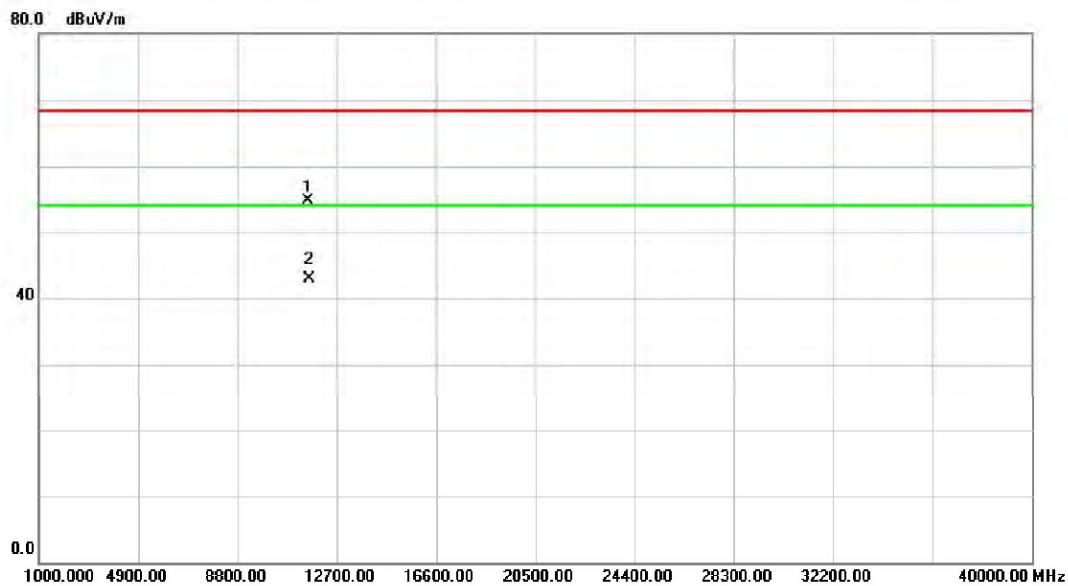
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5785MHz



Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;

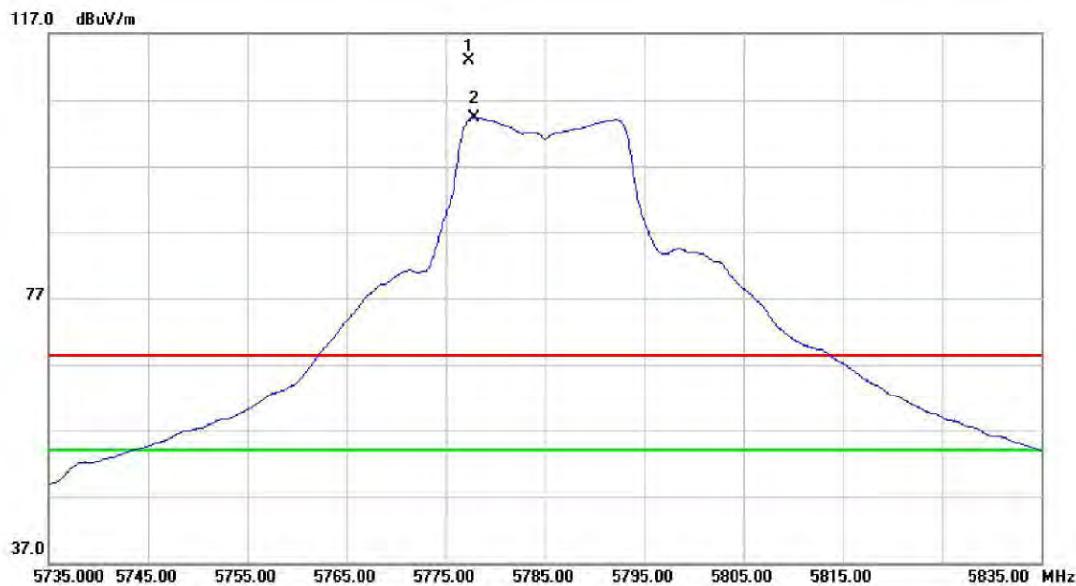
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5785MHz

Vertical

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		11570.60	34.44	20.18	54.62	68.30	-13.68	peak	
2	*	11570.80	22.71	20.18	42.89	54.00	-11.11	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5785MHz

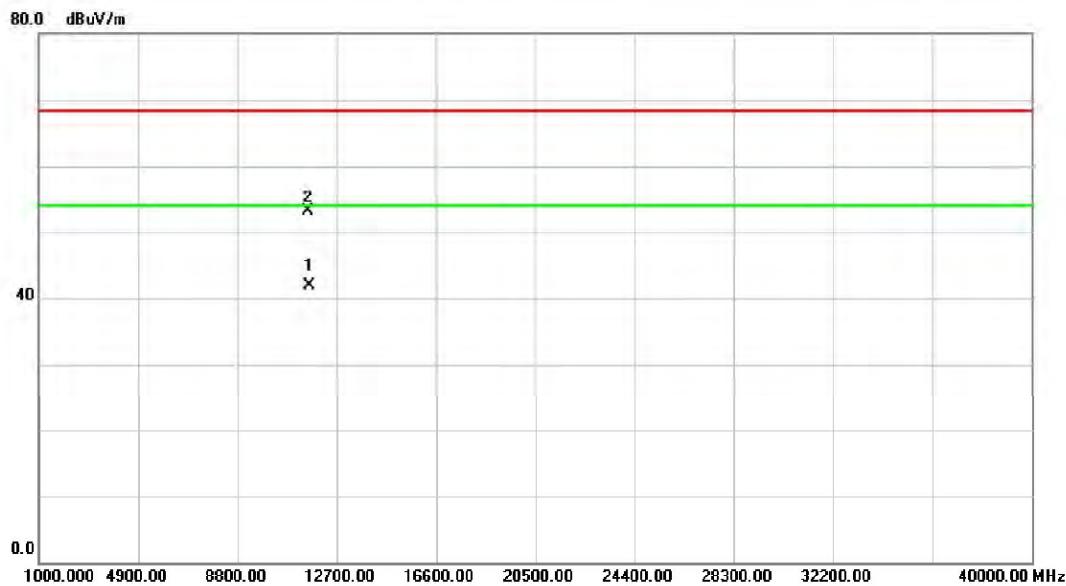
Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	X	5777.300	69.20	43.74	112.94	68.30	44.64	peak no limit
2	*	5777.900	60.65	43.74	104.39	54.00	50.39	AVG no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;

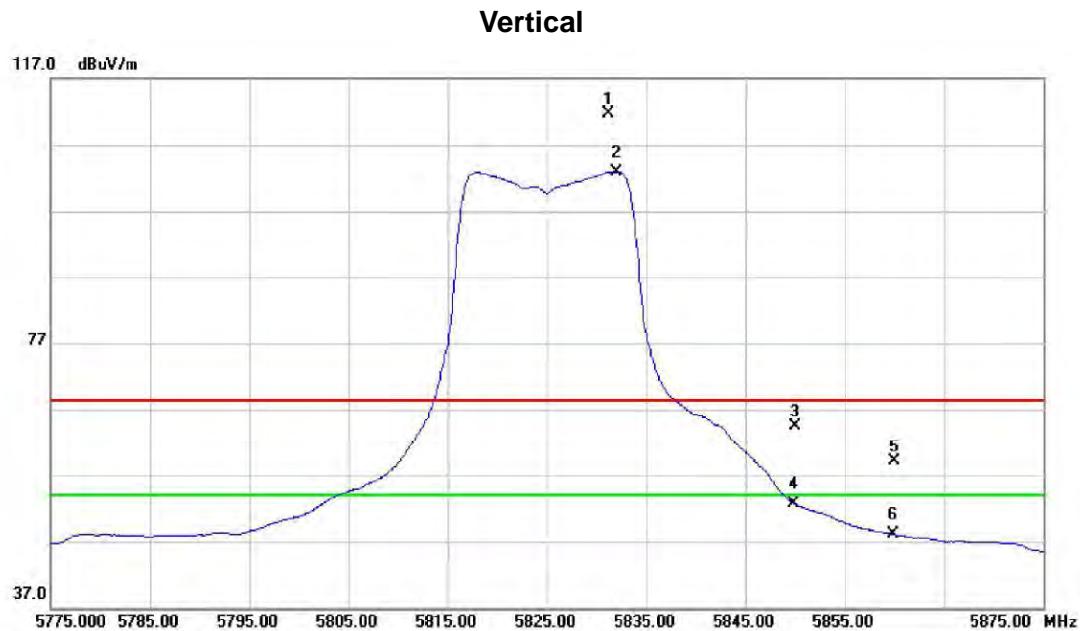
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5785MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	dB	Detector	Over	Comment
1	*	11571.30	21.72	20.18	41.90	54.00	-12.10	AVG		
2		11571.80	32.94	20.18	53.12	68.30	-15.18	peak		

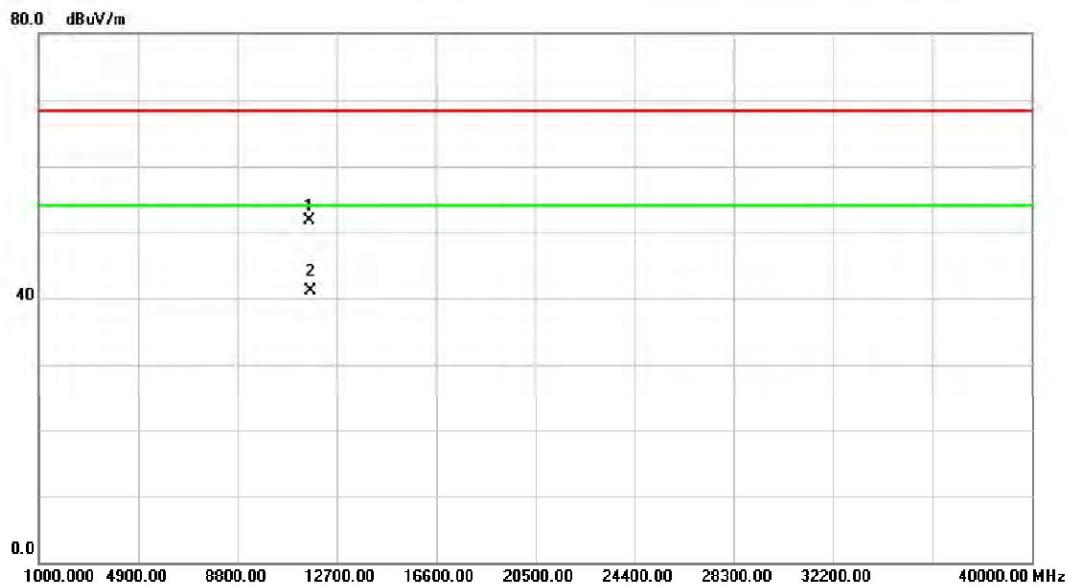
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5825MHz



No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	X	5831.200	67.72	43.98	111.70	68.30	43.40	peak	no limit
2	*	5832.000	58.98	43.98	102.96	54.00	48.96	AVG	no limit
3		5850.000	20.48	44.06	64.54	68.30	-3.76	peak	
4		5850.000	8.59	44.06	52.65	54.00	-1.35	AVG	
5		5860.000	15.04	44.10	59.14	68.30	-9.16	peak	
6		5860.000	3.94	44.10	48.04	54.00	-5.96	AVG	

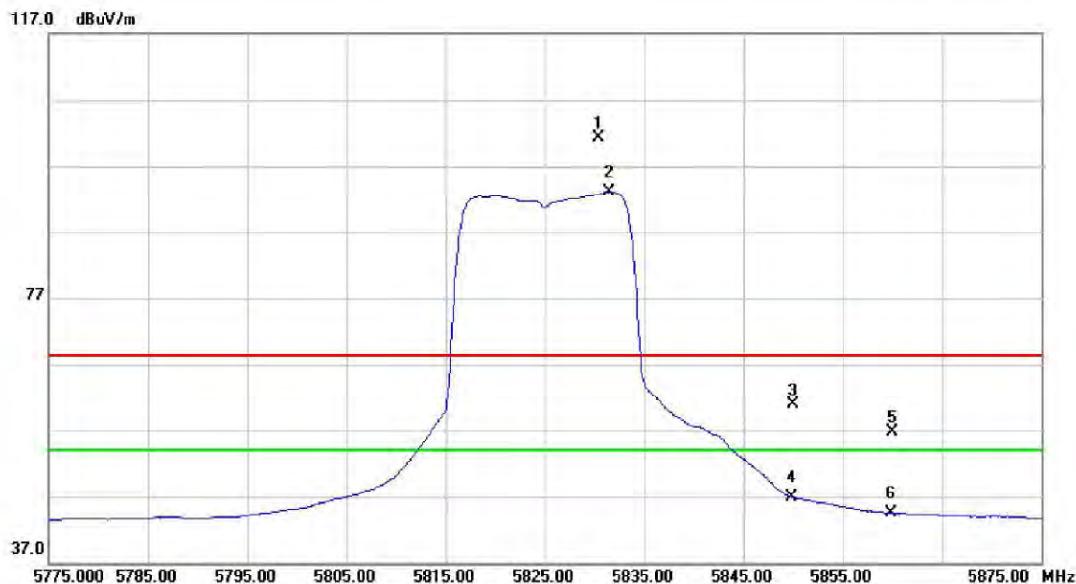
Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5825MHz

Vertical

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		11650.84	31.49	20.13	51.62	68.30	-16.68	peak
2	*	11650.96	21.03	20.13	41.16	54.00	-12.84	AVG

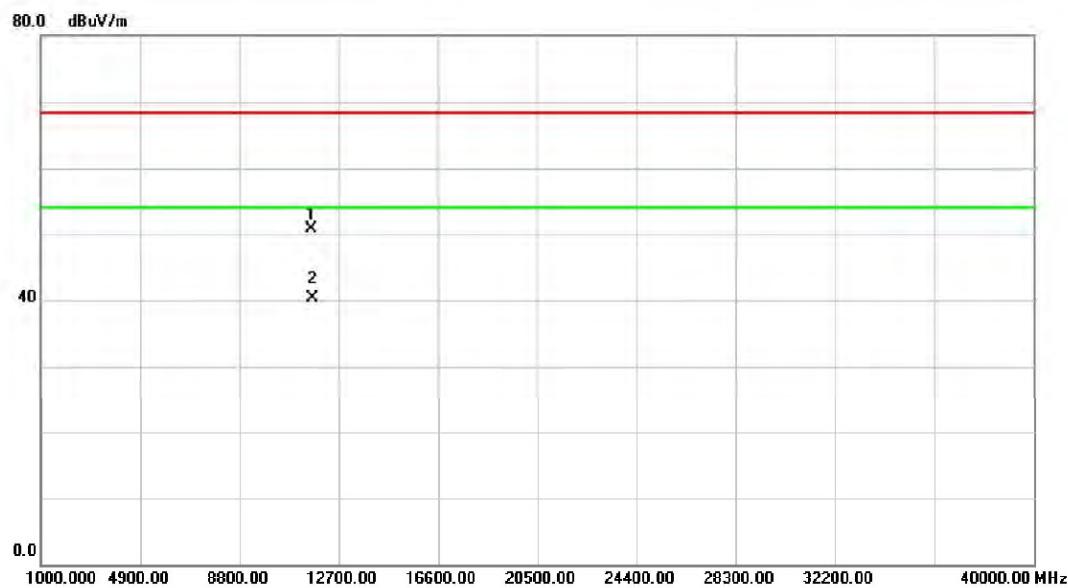
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5825MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	X	5830.400	57.36	43.97	101.33	68.30	33.03	peak no limit
2	*	5831.400	49.12	43.98	93.10	54.00	39.10	AVG no limit
3		5850.000	16.82	44.06	60.88	68.30	-7.42	peak
4		5850.000	2.86	44.06	46.92	54.00	-7.08	AVG
5		5860.000	12.54	44.10	56.64	68.30	-11.66	peak
6		5860.000	0.35	44.10	44.45	54.00	-9.55	AVG

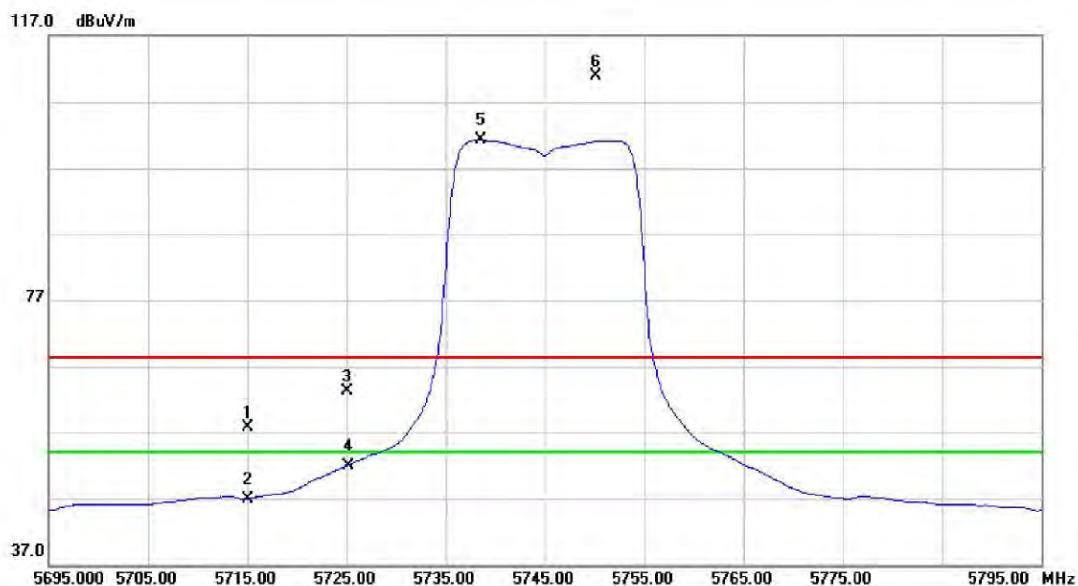
Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX A Mode 5825MHz

Horizontal

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		11651.32	30.53	20.14	50.67	68.30	-17.63	peak	
2	*	11651.32	20.16	20.14	40.30	54.00	-13.70	AVG	

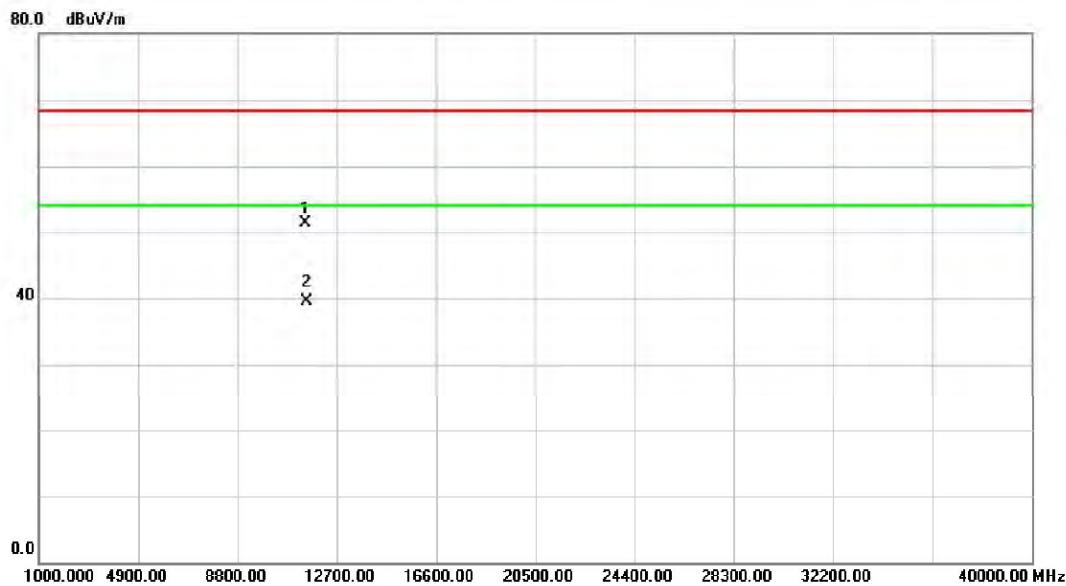
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Vertical

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		5715.000	14.21	43.47	57.68	68.30	-10.62	peak
2		5715.000	3.51	43.47	46.98	54.00	-7.02	AVG
3		5725.000	19.84	43.51	63.35	68.30	-4.95	peak
4		5725.000	8.40	43.51	51.91	54.00	-2.09	AVG
5	*	5738.500	57.74	43.57	101.31	54.00	47.31	AVG no limit
6	X	5750.100	67.27	43.62	110.89	68.30	42.59	peak no limit

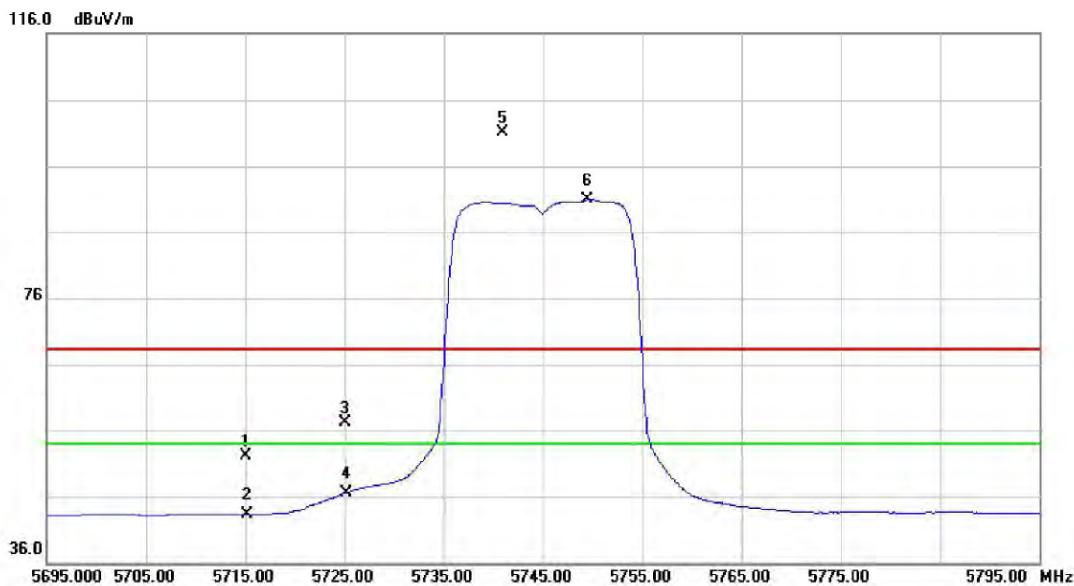
Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Vertical

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		11491.23	31.12	20.19	51.31	68.30	-16.99	peak	
2	*	11491.23	19.35	20.19	39.54	54.00	-14.46	AVG	

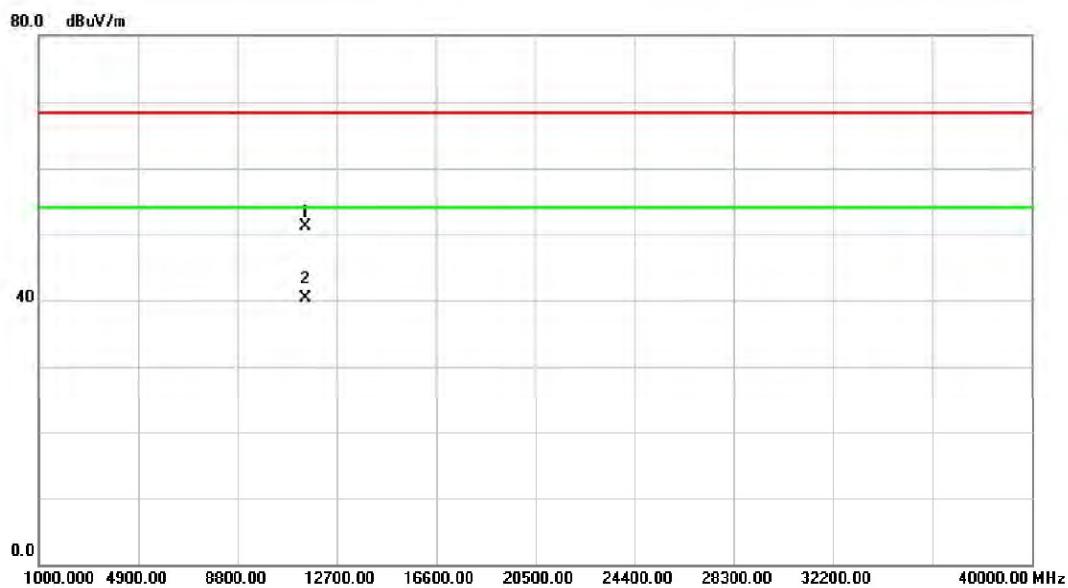
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		5715.000	8.62	43.47	52.09	68.30	-16.21	peak
2		5715.000	-0.25	43.47	43.22	54.00	-10.78	AVG
3		5725.000	13.67	43.51	57.18	68.30	-11.12	peak
4		5725.000	2.95	43.51	46.46	54.00	-7.54	AVG
5	X	5740.900	57.44	43.58	101.02	68.30	32.72	peak no limit
6	*	5749.500	47.22	43.62	90.84	54.00	36.84	AVG no limit

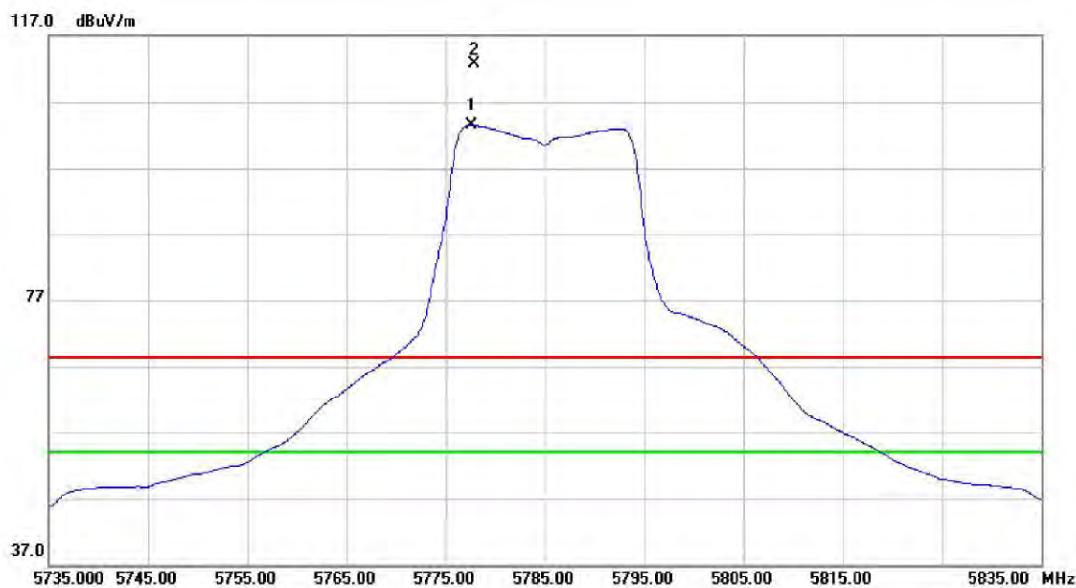
Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		11489.01	30.89	20.19	51.08	68.30	-17.22	peak
2	*	11490.52	20.16	20.19	40.35	54.00	-13.65	AVG

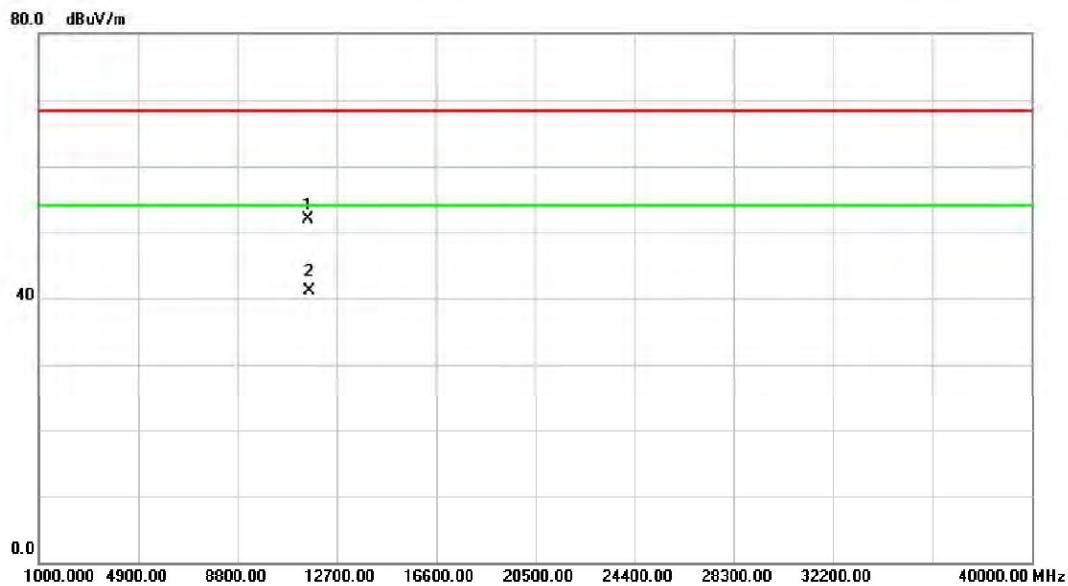
Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5785MHz

Vertical

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dB	Detector	
1	*	5777.600	59.80	43.74	103.54	54.00	49.54	AVG no limit
2	X	5777.900	68.87	43.74	112.61	68.30	44.31	peak no limit

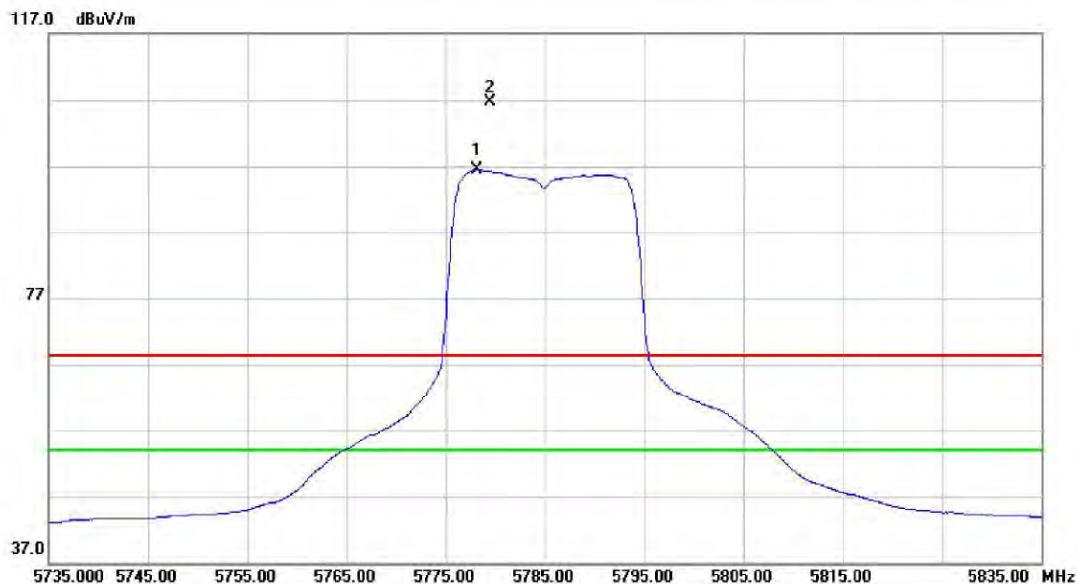
Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5785MHz

Vertical

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Detector	Comment
			Level	Factor	ment				
1		11568.90	31.79	20.18	51.97	68.30	-16.33	peak	
2	*	11569.10	20.83	20.18	41.01	54.00	-12.99	AVG	

Orthogonal Axis:	X
Test Voltage:	AC 120V/60Hz
Test Mode:	UNII-3/TX N20 Mode 5785MHz

Horizontal

No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Over	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	5778.100	52.70	43.74	96.44	54.00	42.44	AVG no limit
2	X	5779.500	62.99	43.75	106.74	68.30	38.44	peak no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
(2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m