

FCCRadio Test Report

FCC ID: X4Y23092

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

Project No. : 1502C027
Equipment : Wireless AC dual-band router
Model Name : ARN04904U1
Applicant : NEXXT SOLUTIONS
Address : 3505 N.W 107TH AVE, MIAMI ,FL,33178

Date of Receipt : Feb. 03, 2015
Date of Test : Feb. 03, 2015~Feb. 26, 2015
Issued Date : Feb. 27, 2015
Tested by : BTL Inc.

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Declaration

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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.

Table of Contents	Page
1 . CERTIFICATION	7
2 . SUMMARY OF TEST RESULTS	8
2.1 TEST FACILITY	9
2.2 MEASUREMENT UNCERTAINTY	9
3 . GENERAL INFORMATION	10
3.1 GENERAL DESCRIPTION OF EUT	10
3.2 DESCRIPTION OF TEST MODES	12
3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING	14
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	16
3.5 DESCRIPTION OF SUPPORT UNITS	16
4 . EMC EMISSION TEST	17
4.1 CONDUCTED EMISSION MEASUREMENT	17
4.1.1 POWER LINE CONDUCTED EMISSION	17
4.1.2 TEST PROCEDURE	17
4.1.3 DEVIATION FROM TEST STANDARD	17
4.1.4 TEST SETUP	18
4.1.5 EUT OPERATING CONDITIONS	18
4.1.6 EUT TEST CONDITIONS	18
4.1.7 TEST RESULTS	18
4.2 RADIATED EMISSION MEASUREMENT	19
4.2.1 RADIATED EMISSION LIMITS	19
4.2.2 TEST PROCEDURE	20
4.2.3 DEVIATION FROM TEST STANDARD	20
4.2.4 TEST SETUP	20
4.2.5 EUT OPERATING CONDITIONS	21
4.2.6 EUT TEST CONDITIONS	21
4.2.7 TEST RESULTS (9K TO 30MHz)	22
4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)	22
4.2.9 TEST RESULTS (ABOVE 1000 MHz)	22
5 . 26dB SPECTRUM BANDWIDTH	23
5.1 APPLIED PROCEDURES / LIMIT	23
5.1.1 TEST PROCEDURE	23
5.1.2 DEVIATION FROM STANDARD	23
5.1.3 TEST SETUP	23
5.1.4 EUT OPERATION CONDITIONS	23
5.1.5 EUT TEST CONDITIONS	24
5.1.6 TEST RESULTS	24
6 . MAXIMUM CONDUCTED OUTPUT POWER	25

Table of Contents	Page
6.1 APPLIED PROCEDURES / LIMIT	25
6.1.1 TEST PROCEDURE	25
6.1.2 DEVIATION FROM STANDARD	26
6.1.3 TEST SETUP	26
6.1.4 EUT OPERATION CONDITIONS	26
6.1.5 EUT TEST CONDITIONS	26
6.1.6 TEST RESULTS	26
7 . ANTENNA CONDUCTED SPURIOUS EMISSION	27
7.1 APPLIED PROCEDURES / LIMIT	27
7.1.1 TEST PROCEDURE	27
7.1.2 DEVIATION FROM STANDARD	27
7.1.3 TEST SETUP	27
7.1.4 EUT OPERATION CONDITIONS	27
7.1.5 EUT TEST CONDITIONS	27
7.1.6 TEST RESULTS	27
8 . POWER SPECTRAL DENSITY TEST	28
8.1 APPLIED PROCEDURES / LIMIT	28
8.1.1 TEST PROCEDURE	28
8.1.1 DEVIATION FROM STANDARD	29
8.1.2 TEST SETUP	29
8.1.3 EUT OPERATION CONDITIONS	29
8.1.4 EUT TEST CONDITIONS	29
8.1.5 TEST RESULTS	29
9 . FREQUENCY STABILITY MEASUREMENT	30
9.1 APPLIED PROCEDURES / LIMIT	30
9.1.1 TEST PROCEDURE	30
9.1.2 DEVIATION FROM STANDARD	30
9.1.3 TEST SETUP	31
9.1.4 EUT OPERATION CONDITIONS	31
9.1.5 EUT TEST CONDITIONS	31
9.1.6 TEST RESULTS	31
10 . MEASUREMENT INSTRUMENTS LIST	32
11 . EUT TEST PHOTOS	34
ATTACHMENT A -CONDUCTED EMISSION	38
ATTACHMENT B -RADIATED EMISSION (9KHZ TO 30MHZ)	41
ATTACHMENT C -RADIATED EMISSION (30MHZ TO 1000MHZ)	43
ATTACHMENT D -RADIATED EMISSION (ABOVE 1000MHZ)	56
ATTACHMENT E -BANDWIDTH	175

Table of Contents

Page

ATTACHMENT F - MAXIMUM OUTPUT POWER	198
ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION	211
ATTACHMENT H - POWER SPECTRAL DENSITY	234
ATTACHMENT I -FREQUENCY STABILITY	285

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1502C027	Original Issue.	Feb. 27, 2015

1. CERTIFICATION

Equipment : Wireless AC dual-band router
Brand Name : NEXXT
Model Name : ARN04904U1
Applicant : NEXXT SOLUTIONS
Date of Test : Feb. 03, 2015~Feb. 26, 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-2-1502C027) 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.

2.1 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, (dB)	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	Wireless AC dual-band router	
Brand Name	NEXXT	
Model Name	ARN04904U1	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	866.7Mbps
Output Power	Output Power (Max.)for UNII-1	802.11a:21.90dBm 802.11n (20M): 24.28dBm 802.11n (40M): 23.66dBm 802.11ac (20M): 25.14dBm 802.11ac (40M): 22.90dBm 802.11ac (80M): 23.33dBm
	Output Power (Max.)for UNII-3	802.11a: 24.23dBm 802.11n (20M): 27.09dBm 802.11n (40M): 23.49dBm 802.11ac (20M): 27.59dBm 802.11ac (40M): 23.98dBm 802.11ac (80M): 23.71dBm
Power Source	DC voltage supplied from AC/DC adapter Brand/Model: NEXXT/TEA12-12100	
Power Rating	I/P: AC 100-240V 50/60Hz 0.3A O/P: 12V 1A	

Note:

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

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

UNII-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. Table for Filed Antenna

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
3	N/A	50001102	Dipole	N/A	4.85	TX/RX
4	N/A	50001102	Dipole	N/A	4.85	TX/RX

Note:

- (1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}** , that is Directional gain=4.85.
- (2) ANT 3 for 1TX was found to be the worst case and recorded

4. Operating Mode		1TX	2TX
TX Mode			
802.11a		V (ANT 3)	-
802.11n(20MHz)		-	V (ANT 3+ANT 4)
802.11n(40MHz)		-	V (ANT 3+ANT 4)
802.11ac (20MHz)		-	V (ANT 3+ANT 4)
802.11ac (40MHz)		-	V (ANT 3+ANT 4)
802.11ac (80MHz)		-	V (ANT 3+ANT 4)

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 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

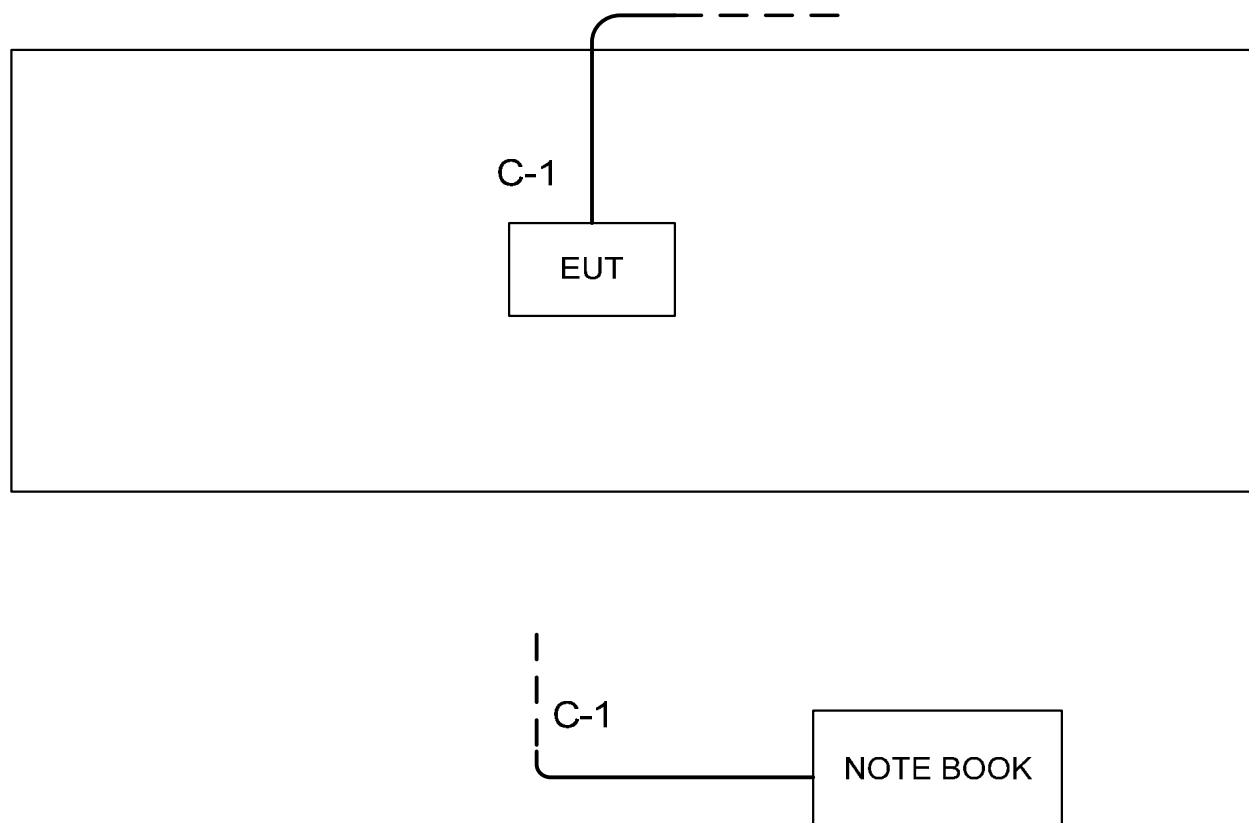
UNII-1			
Test Software Version	MTool_2.0.1.1		
Frequency (MHz)	5180	5200	5240
A Mode	61	63	63
Frequency (MHz)	5180	5200	5240
N20 Mode	0	0	0
Frequency (MHz)	5190	5230	
N40 Mode	10.2	11.1	

UNII-3			
Test Software Version	MTool_2.0.1.1		
Frequency (MHz)	5745	5785	5825
A Mode	71	72	63
Frequency (MHz)	5745	5785	5825
N20 Mode	0	0	58
Frequency (MHz)	5755	5795	
N40 Mode	11.02	11.25	

UNII-1			
Test Software Version	MTool_2.0.1.1		
Frequency (MHz)	5180	5200	5240
AC20 Mode	12.5	12.55	12.38
Frequency (MHz)	5190	5230	
AC40 Mode	9.03	10.03	
Frequency (MHz)	5210		
AC80 Mode	9.78		

UNII-3			
Test Software Version	MTool_2.0.1.1		
Frequency (MHz)	5745	5785	5825
AC20 Mode	15.65	15.58	12.9
Frequency (MHz)	5755	5795	
AC40 Mode	11.32	11.33	
Frequency (MHz)	5775		
AC80 Mode	10.56		

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	DELL	INSPIRON	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	10M	RJ45

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.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

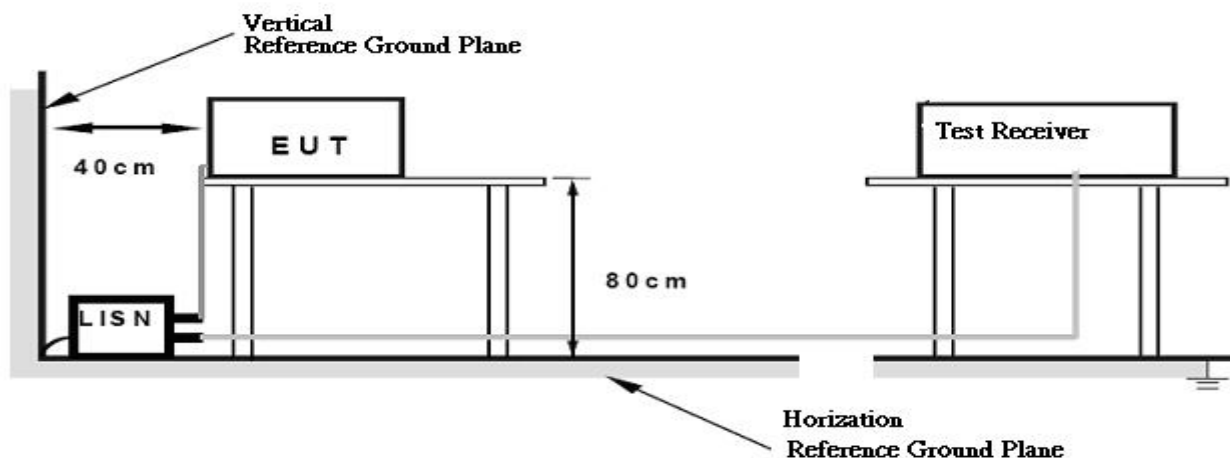
4.1.2 TEST PROCEDURE

- 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 groundplane 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 TESTSETUP



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: 26°C Relative Humidity: 65% 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.
The test result calculated as following:
- (3) Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (beyond 10MHz of the bandedge)	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: $E = \frac{1000000 \sqrt{30P}}{3} \mu\text{V/m}$, where P is the eirp (Watts)

4.2.2 TESTPROCEDURE

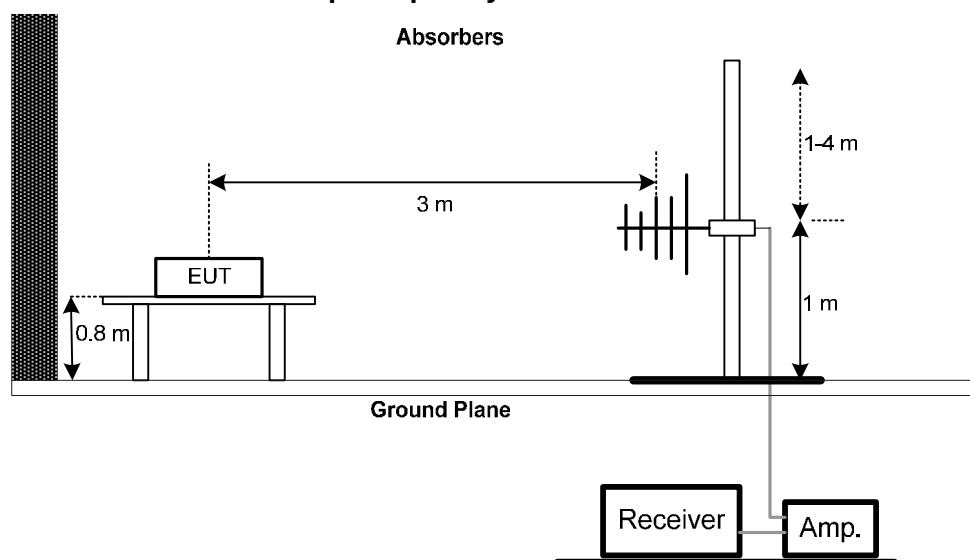
- The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- 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.
- 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.
- 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.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

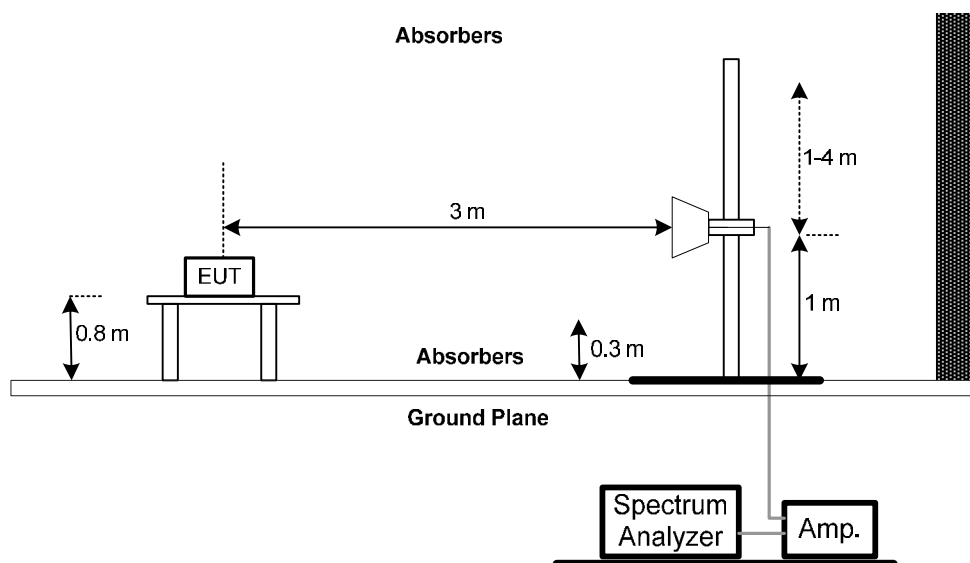
No deviation

4.2.4 TESTSETUP

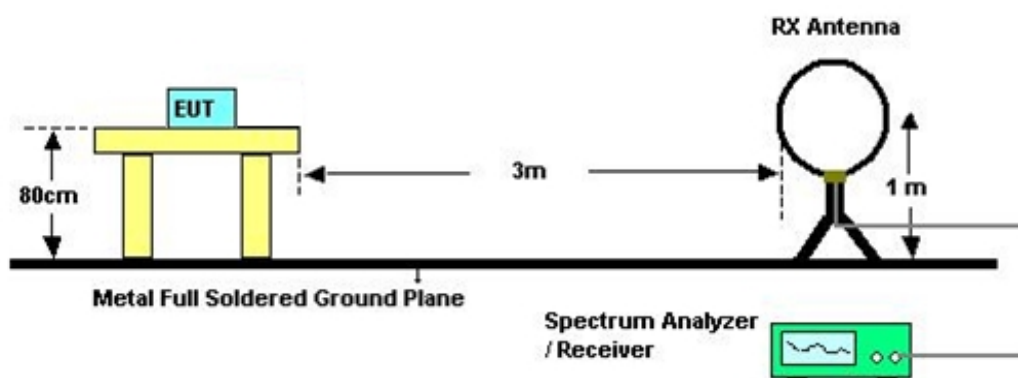
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS(BETWEEN30 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 Modewith 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 (ABOVE1000 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

5.1APPLIED 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

5.1.1TEST 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

5.1.2DEVIATION FROM STANDARD

No deviation.

5.1.3TEST SETUP



5.1.4EUT 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.

5.1.5EUT TEST CONDITIONS

Temperature: 28°CRelative Humidity: 60% Test Voltage: AC 120V/60Hz

5.1.6TEST 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
Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)			

6.1.1 TEST PROCEDURE

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

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7.ANTENNA CONDUCTED SPURIOUS EMISSION

7.1APPLIED 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

7.1.1TEST 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

7.1.2DEVIATION FROM STANDARD

No deviation.

7.1.3TEST SETUP



7.1.4EUT 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.

7.1.5EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

7.1.6TEST 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

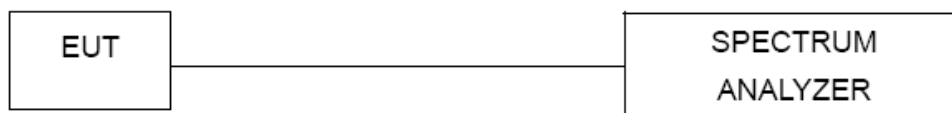
Note:

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 $10\log(500\text{kHz}/1\text{MHz})$ 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: 28°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9.FREQUENCY STABILITY MEASUREMENT

9.1APPLIED PROCEDURES / LIMIT

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

9.1.1TEST PROCEDURE

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

b.

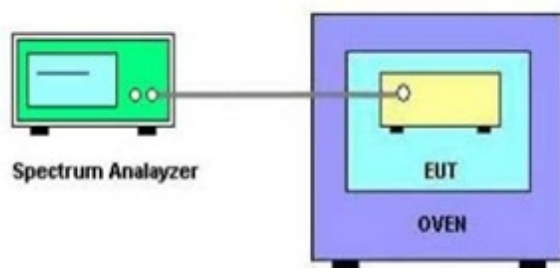
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10kHz
Sweep Time	Auto

- 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.

9.1.2DEVIATION 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. 21, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 21, 2016
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. 02, 2015

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 29, 2015
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 29, 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. 02, 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. 02, 2015

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 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.

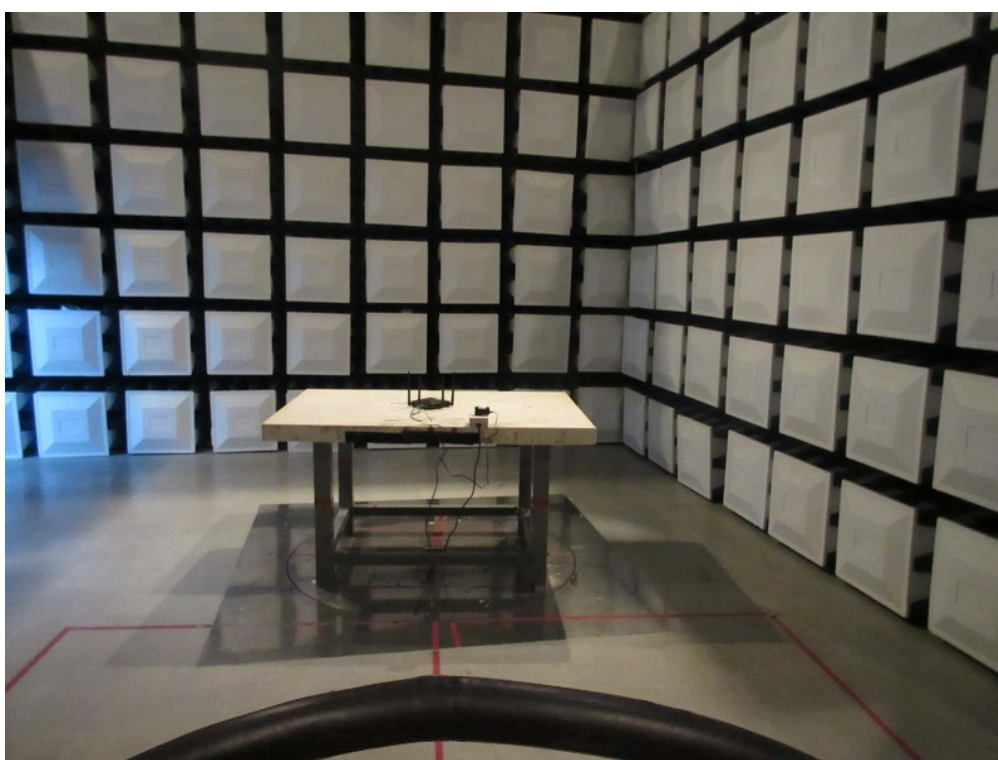
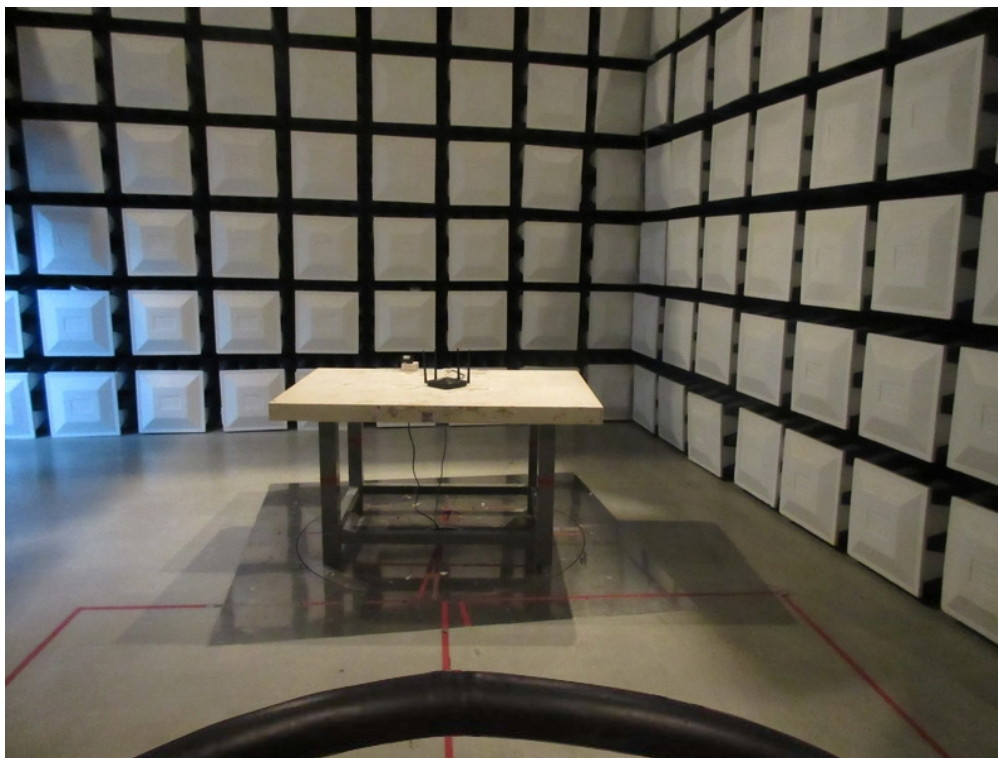
11.EUT TEST PHOTOS

Conducted Measurement Photos



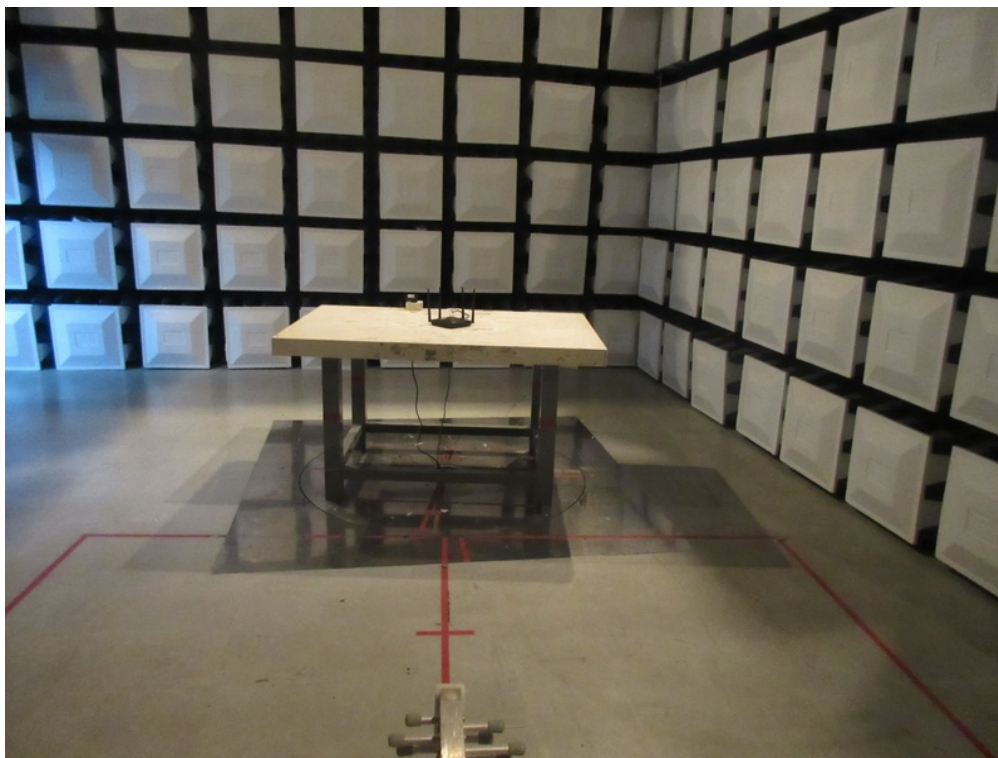
Radiated Measurement Photos

9kHz to 30MHz



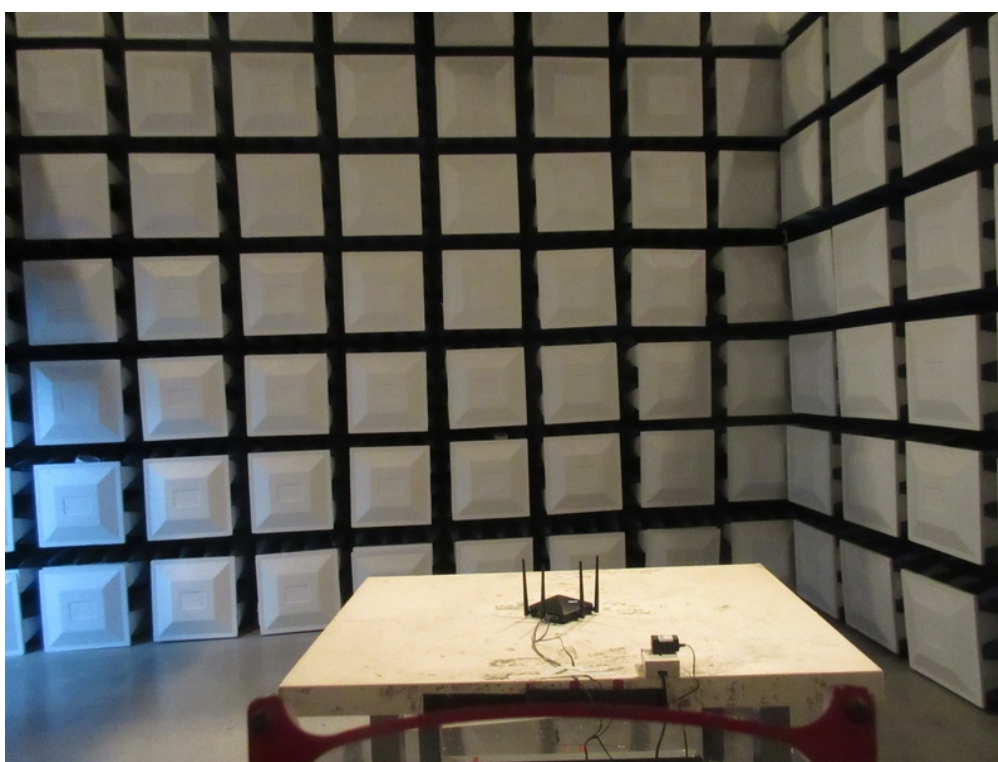
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

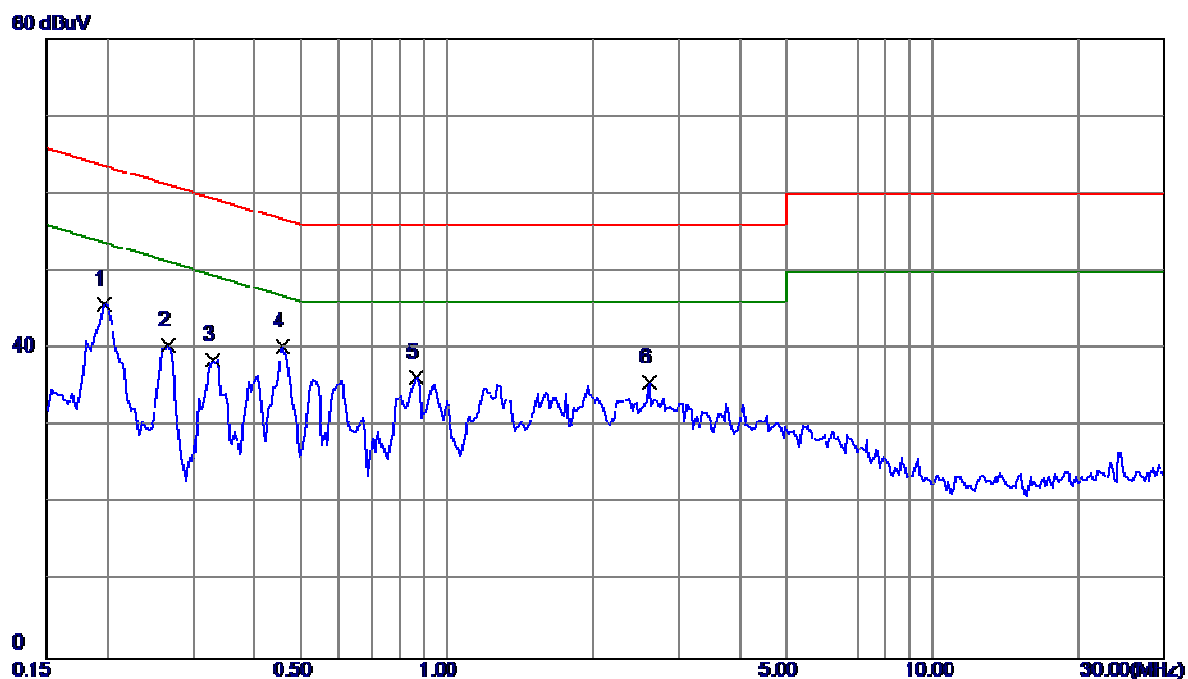
Above 1000MHz



ATTACHMENT A -CONDUCTED EMISSION

Test Mode: TX MODE

Line

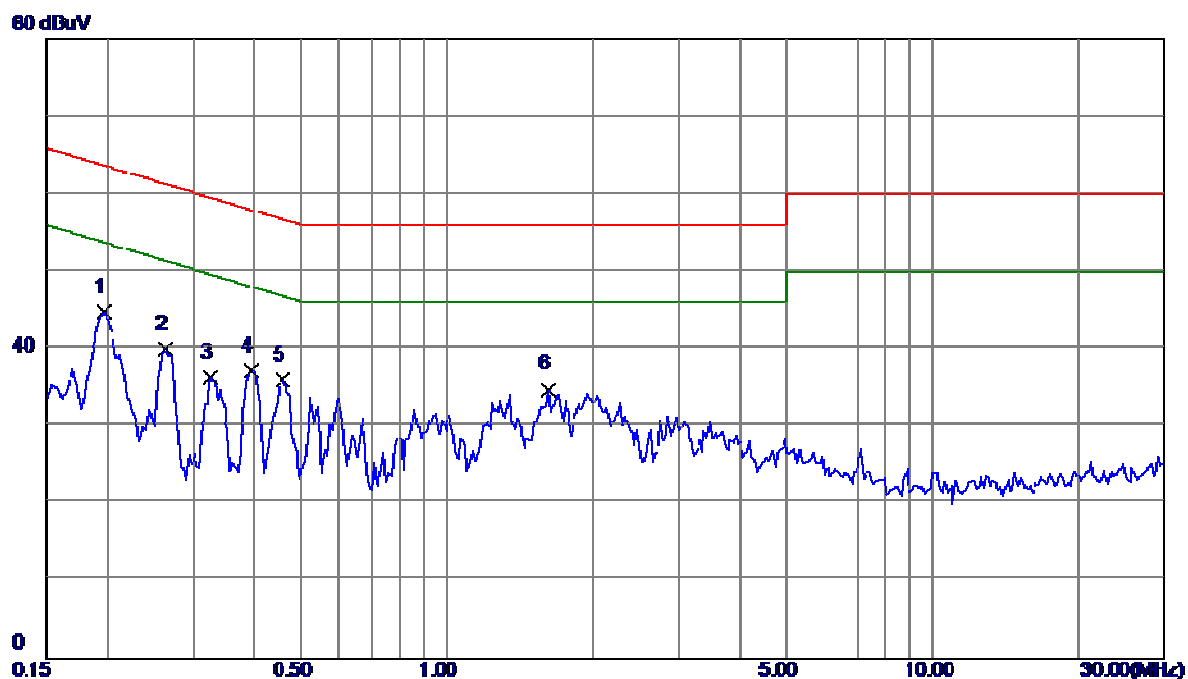


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1969	36.25	9.50	45.75	63.74	-17.99	Peak	
2	0.2672	30.89	9.53	40.42	61.20	-20.78	Peak	
3	0.3297	29.06	9.56	38.62	59.46	-20.84	Peak	
4	0.4586	30.65	9.62	40.27	56.72	-16.45	Peak	
5	0.8688	26.71	9.59	36.30	56.00	-19.70	Peak	
6	2.6031	26.14	9.61	35.75	56.00	-20.25	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1970	35.18	9.57	44.75	63.74	-18.99	Peak	
2	0.2633	30.36	9.57	39.93	61.33	-21.40	Peak	
3	0.3258	26.69	9.57	36.26	59.56	-23.30	Peak	
4	0.3961	27.51	9.58	37.09	57.93	-20.84	Peak	
5	0.4586	26.47	9.58	36.05	56.72	-20.67	Peak	
6	1.6227	25.18	9.62	34.80	56.00	-21.20	Peak	

Note : The test result has included the cable loss.

ATTACHMENTB -RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode:	TX MODE
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Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0195	0°	8.16	24.3000	32.4600	121.8035	-89.3435	AVG
0.0195	0°	9.37	24.3000	33.6700	141.8035	-108.1335	PEAK
0.0246	0°	6.28	24.0087	30.2887	119.7855	-89.4969	AVG
0.0246	0°	7.15	24.0087	31.1587	139.7855	-108.6269	PEAK
0.0378	0°	2.13	23.1727	25.3027	116.0544	-90.7517	AVG
0.0378	0°	3.41	23.1727	26.5827	136.0544	-109.4717	PEAK
0.419	0°	0.17	19.9944	20.1644	95.1599	-74.9955	AVG
0.419	0°	1.56	19.9944	21.5544	115.1599	-93.6055	PEAK
1.0548	0°	20.38	19.5945	39.9745	67.1408	-27.1663	QP
2.1937	0°	24.72	19.3838	44.1038	69.5400	-25.4362	QP

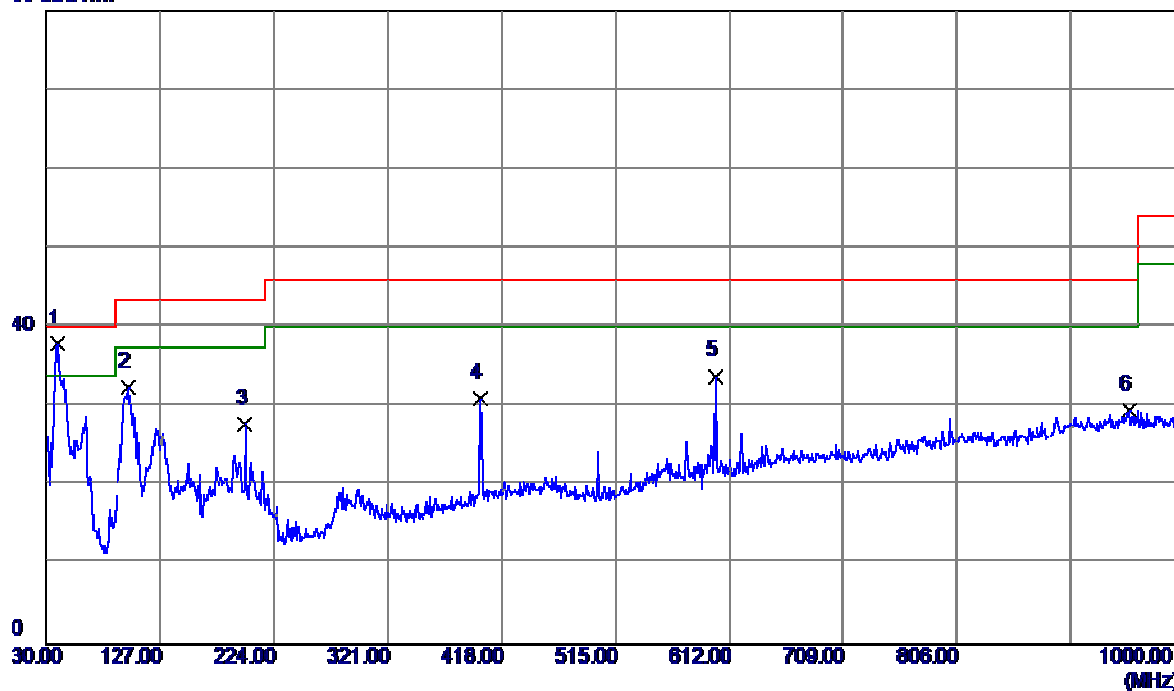
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0241	90°	6.12	24.0403	30.1603	119.9639	-89.8036	AVG
0.0241	90°	7.53	24.0403	31.5703	139.9639	-108.3936	PEAK
0.03068	90°	3.25	23.6236	26.8736	117.8671	-90.9935	AVG
0.03068	90°	4.18	23.6236	27.8036	137.8671	-110.0635	PEAK
0.0382	90°	1.32	23.1473	24.4673	115.9630	-91.4956	AVG
0.0382	90°	1.96	23.1473	25.1073	135.9630	-110.8556	PEAK
0.0436	90°	-1.37	22.8053	21.4353	114.8145	-93.3792	AVG
0.0436	90°	0.54	22.8053	23.3453	134.8145	-111.4692	PEAK
0.8163	90°	18.65	20.3348	38.9848	69.3672	-30.3824	QP
2.5318	90°	25.31	19.1809	44.4909	69.5400	-25.0491	QP

ATTACHMENTC -RADIATED EMISSION (30MHZ TO 1000MHZ)

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

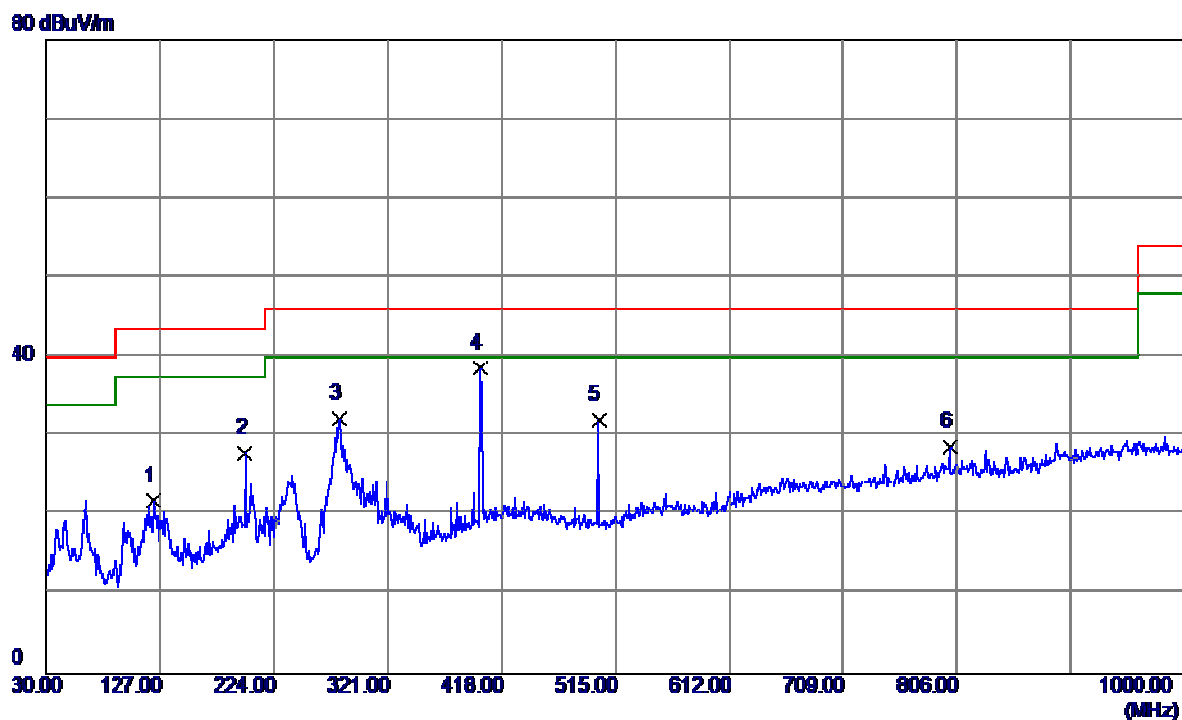
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	52.16	-14.27	37.89	40.00	-2.11	Peak	
2	99.8399	48.85	-16.41	32.44	43.50	-11.06	Peak	
3	199.7500	42.83	-14.97	27.86	43.50	-15.64	Peak	
4	399.5700	40.56	-9.55	31.01	46.00	-14.99	Peak	
5	600.3600	41.73	-7.89	33.84	46.00	-12.16	Peak	
6	952.4700	29.85	-0.22	29.63	46.00	-16.37	Peak	

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

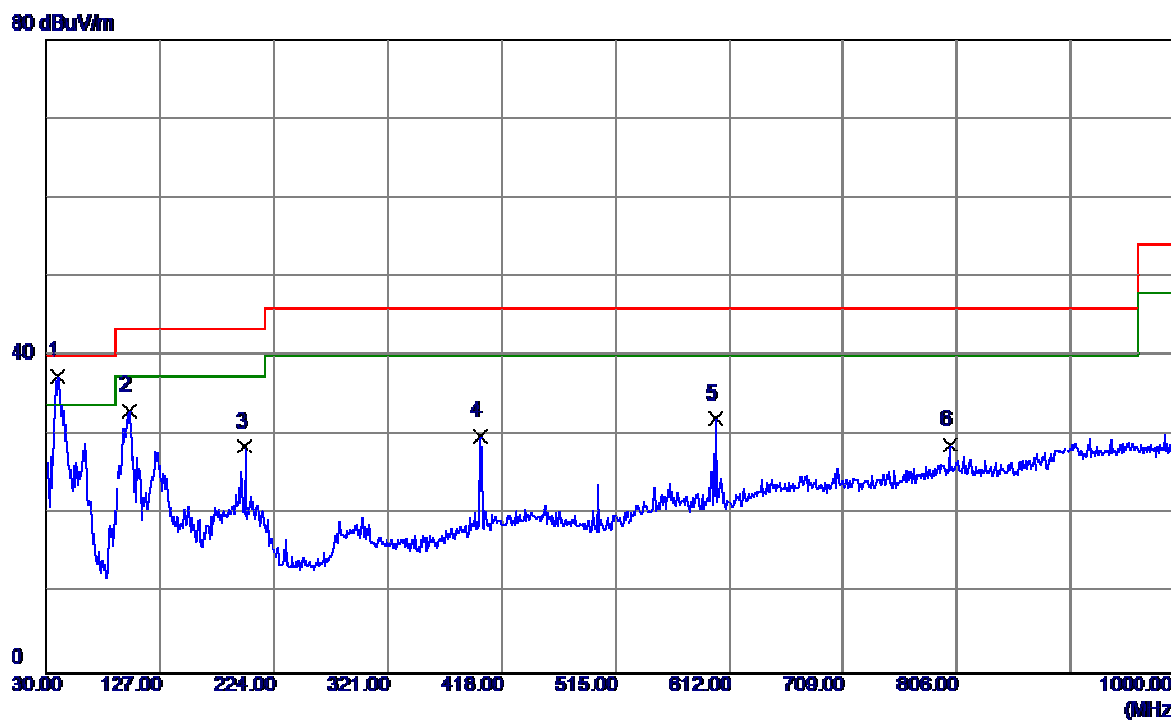
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	121.1800	35.79	-14.07	21.72	43.50	-21.78	Peak	
2	199.7500	42.74	-14.97	27.77	43.50	-15.73	Peak	
3	280.2600	44.45	-12.27	32.18	46.00	-13.82	Peak	
4	399.5700	48.08	-9.55	38.53	46.00	-7.47	Peak	
5	500.4500	42.48	-10.50	31.98	46.00	-14.02	Peak	
6	800.1800	31.55	-2.89	28.66	46.00	-17.34	Peak	

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

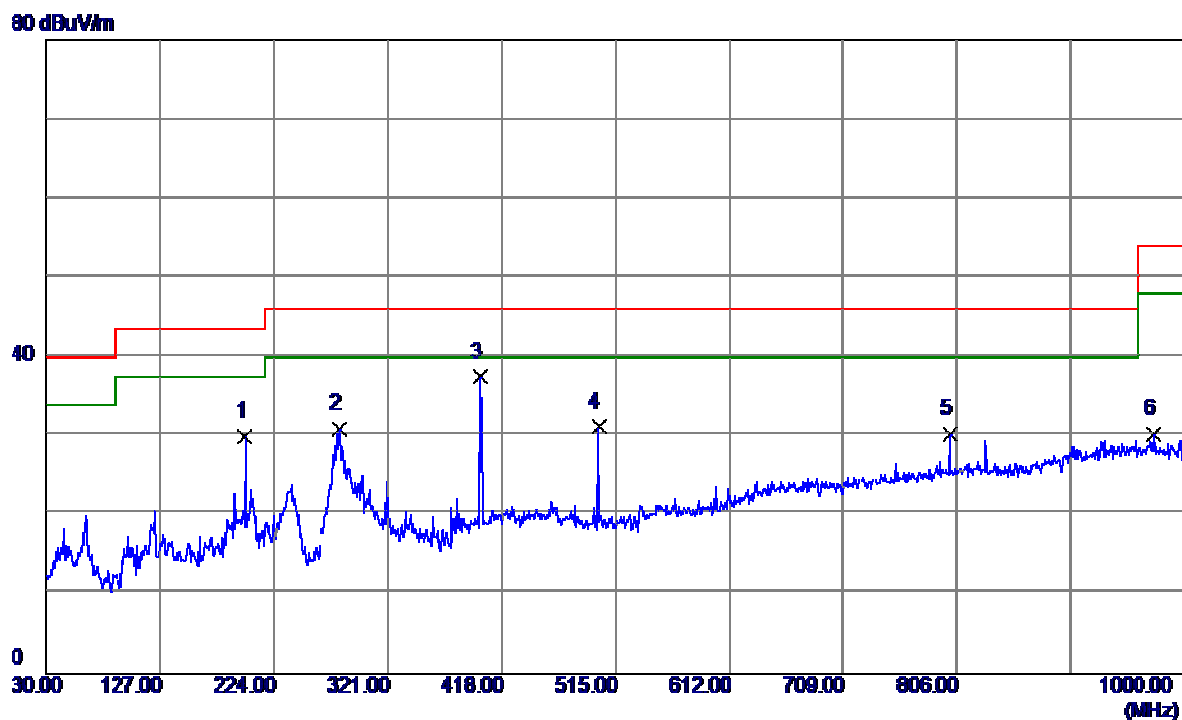
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	51.67	-14.27	37.40	40.00	-2.60	Peak	
2	100.8100	49.44	-16.30	33.14	43.50	-10.36	Peak	
3	199.7500	43.53	-14.97	28.56	43.50	-14.94	Peak	
4	399.5700	39.47	-9.55	29.92	46.00	-16.08	Peak	
5	600.3600	39.97	-7.89	32.08	46.00	-13.92	Peak	
6	800.1800	31.70	-2.89	28.81	46.00	-17.19	Peak	

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

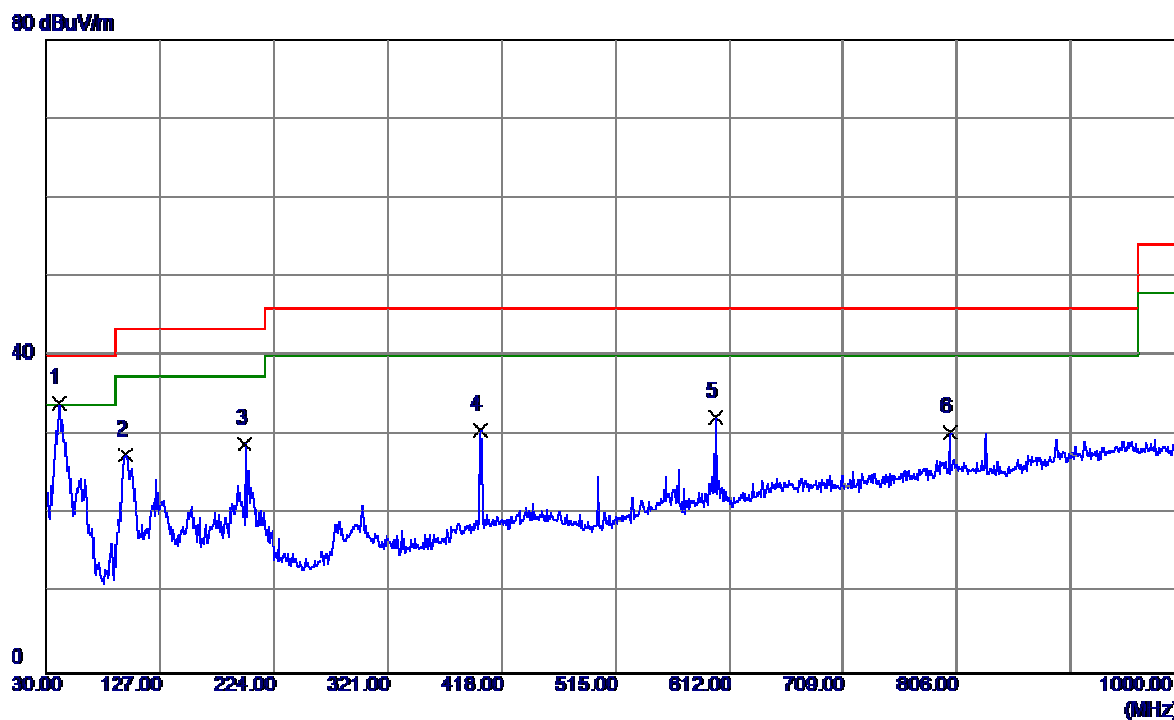
Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	199.7500	44.90	-14.97	29.93	43.50	-13.57	Peak	
2	280.2600	43.16	-12.27	30.89	46.00	-15.11	Peak	
3	399.5700	47.04	-9.55	37.49	46.00	-8.51	Peak	
4	500.4500	41.62	-10.50	31.12	46.00	-14.88	Peak	
5	800.1800	33.17	-2.89	30.28	46.00	-15.72	Peak	
6	973.8100	30.57	-0.31	30.26	54.00	-23.74	Peak	

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

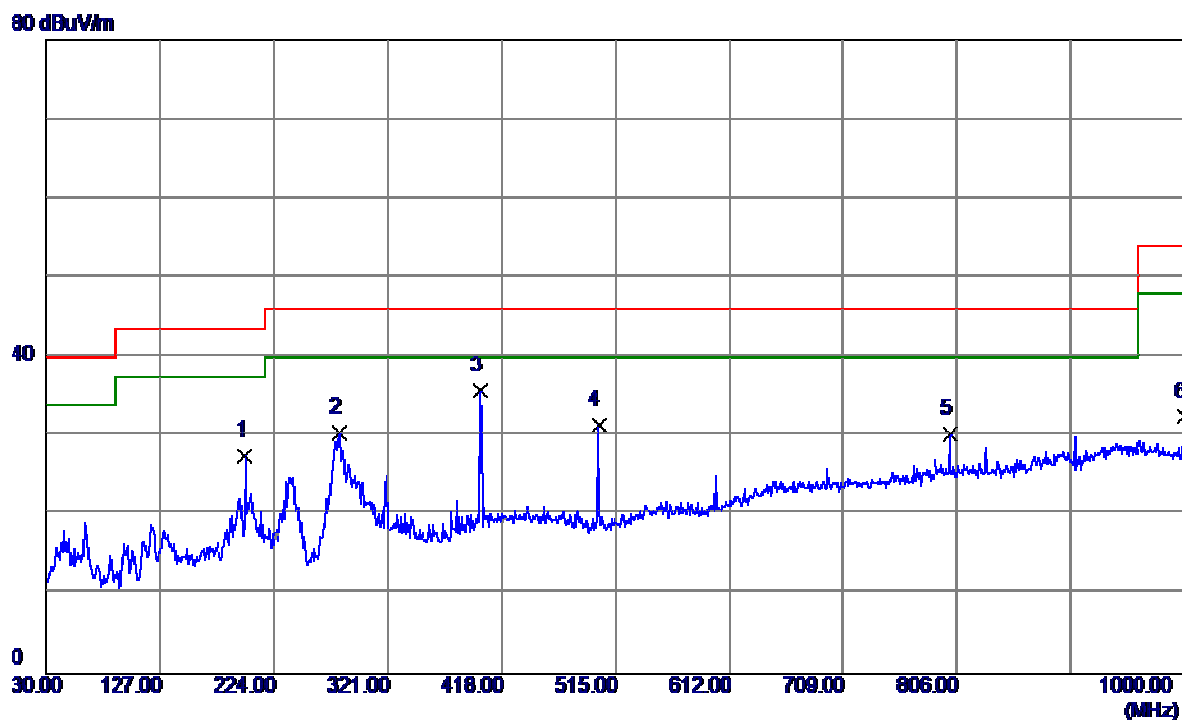
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	40.6699	48.31	-14.16	34.15	40.00	-5.85	Peak	
2	97.9000	44.26	-16.69	27.57	43.50	-15.93	Peak	
3	199.7500	43.87	-14.97	28.90	43.50	-14.60	Peak	
4	399.5700	40.26	-9.55	30.71	46.00	-15.29	Peak	
5	600.3600	40.21	-7.89	32.32	46.00	-13.68	Peak	
6	800.1800	33.30	-2.89	30.41	46.00	-15.59	Peak	

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

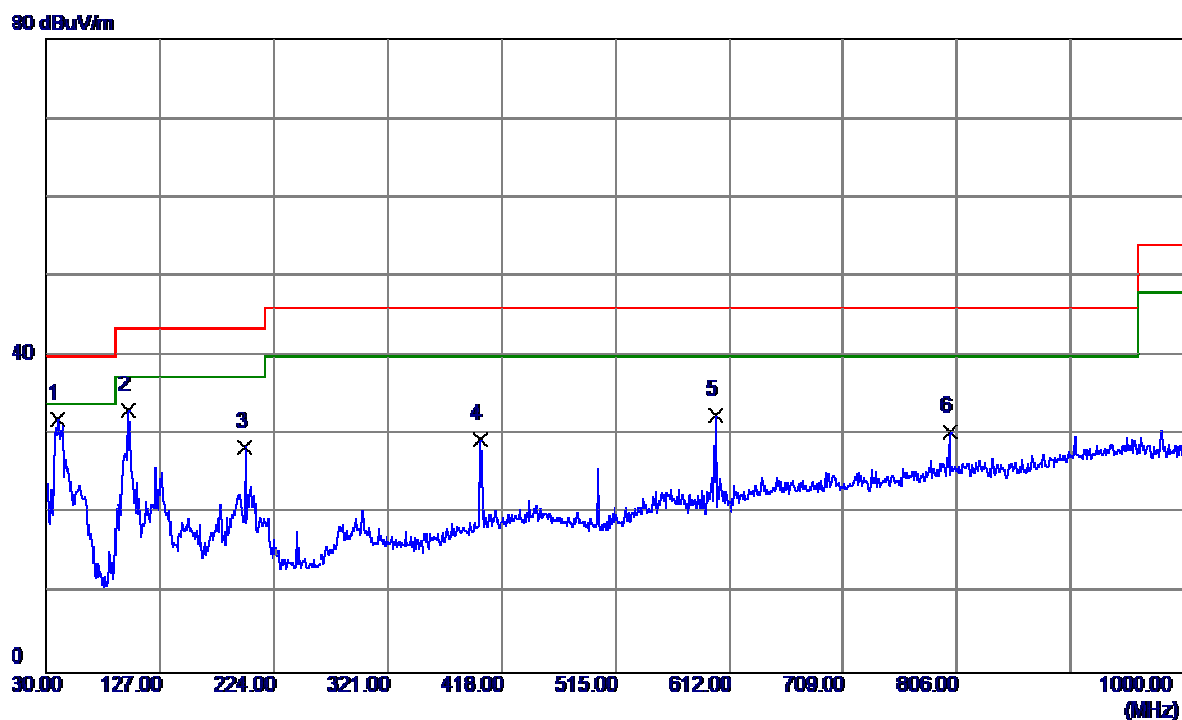
Horizontal



No.	Freq.	Reading	Correct	Measure	Limit	Over		
	MHz	dBuV/m	Factor	ment	dBuV/m	dB	Detector	Comment
1	199.7500	42.44	-14.97	27.47	43.50	-16.03	Peak	
2	280.2600	42.66	-12.27	30.39	46.00	-15.61	Peak	
3	399.5700	45.25	-9.55	35.70	46.00	-10.30	Peak	
4	500.4500	41.93	-10.50	31.43	46.00	-14.57	Peak	
5	800.1800	33.09	-2.89	30.20	46.00	-15.80	Peak	
6	1000.0000	32.81	-0.41	32.40	54.00	-21.60	Peak	

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

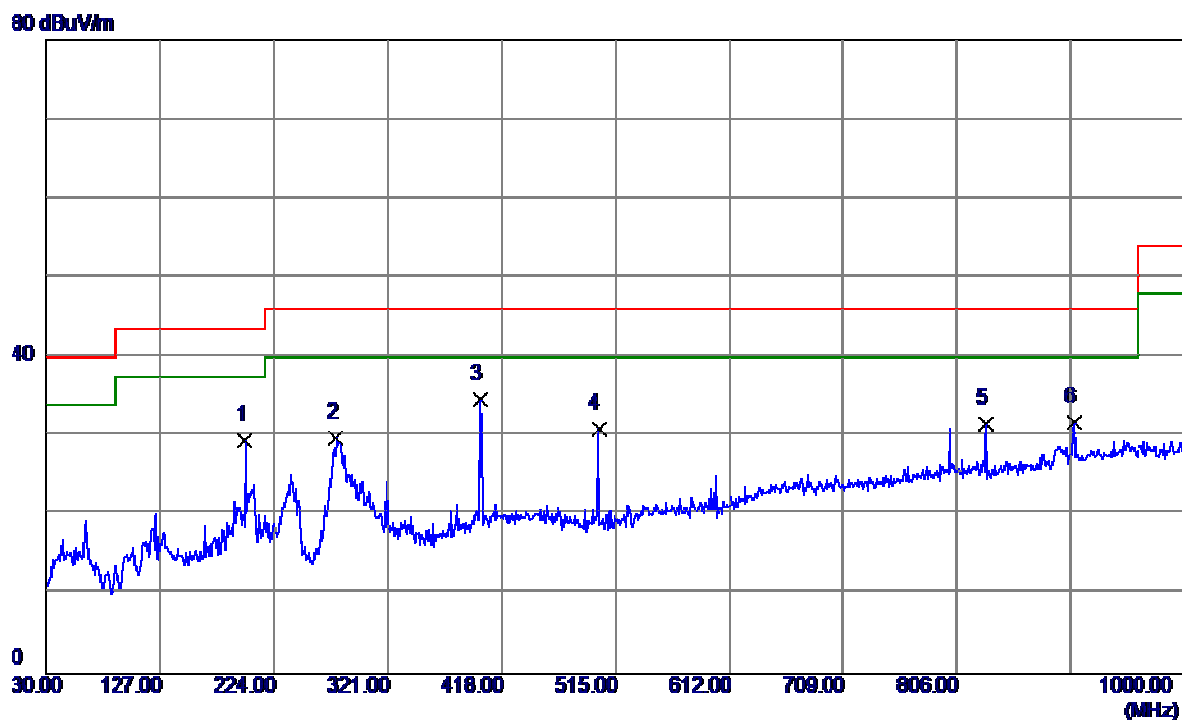
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	46.20	-14.27	31.93	40.00	-8.07	Peak	
2	99.8399	49.50	-16.41	33.09	43.50	-10.41	Peak	
3	199.7500	43.45	-14.97	28.48	43.50	-15.02	Peak	
4	399.5700	38.93	-9.55	29.38	46.00	-16.62	Peak	
5	600.3600	40.44	-7.89	32.55	46.00	-13.45	Peak	
6	800.1800	33.36	-2.89	30.47	46.00	-15.53	Peak	

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

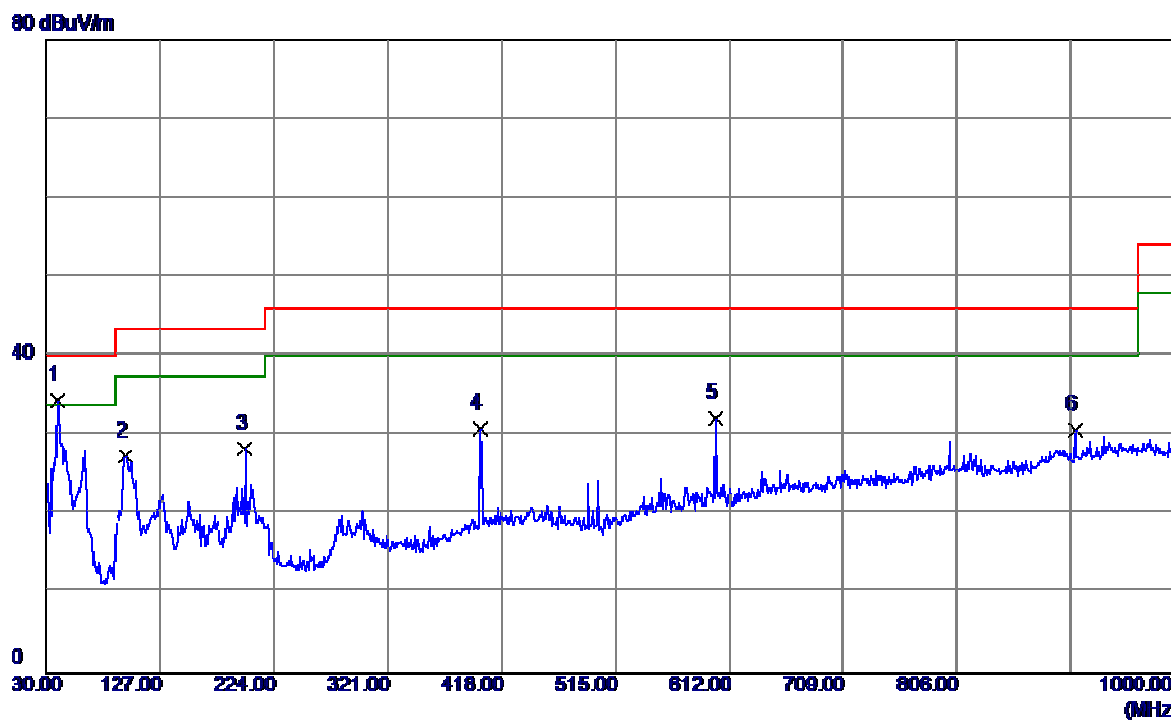
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	199.7500	44.35	-14.97	29.38	43.50	-14.12	Peak	
2	277.3500	42.34	-12.54	29.80	46.00	-16.20	Peak	
3	399.5700	44.13	-9.55	34.58	46.00	-11.42	Peak	
4	500.4500	41.39	-10.50	30.89	46.00	-15.11	Peak	
5	831.2199	34.58	-3.05	31.53	46.00	-14.47	Peak	
6	905.9100	33.07	-1.37	31.70	46.00	-14.30	Peak	

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

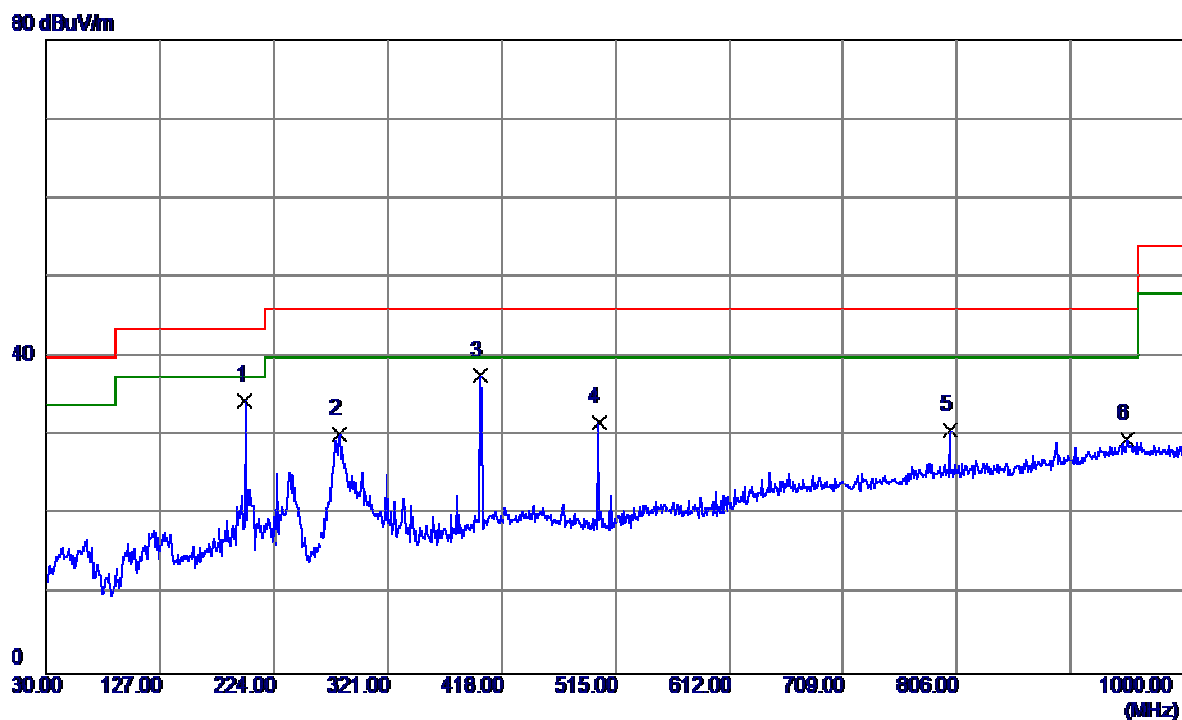
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	48.72	-14.27	34.45	40.00	-5.55	Peak	
2	97.9000	44.04	-16.69	27.35	43.50	-16.15	Peak	
3	199.7500	43.31	-14.97	28.34	43.50	-15.16	Peak	
4	399.5700	40.49	-9.55	30.94	46.00	-15.06	Peak	
5	600.3600	40.03	-7.89	32.14	46.00	-13.86	Peak	
6	906.8800	32.08	-1.35	30.73	46.00	-15.27	Peak	

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

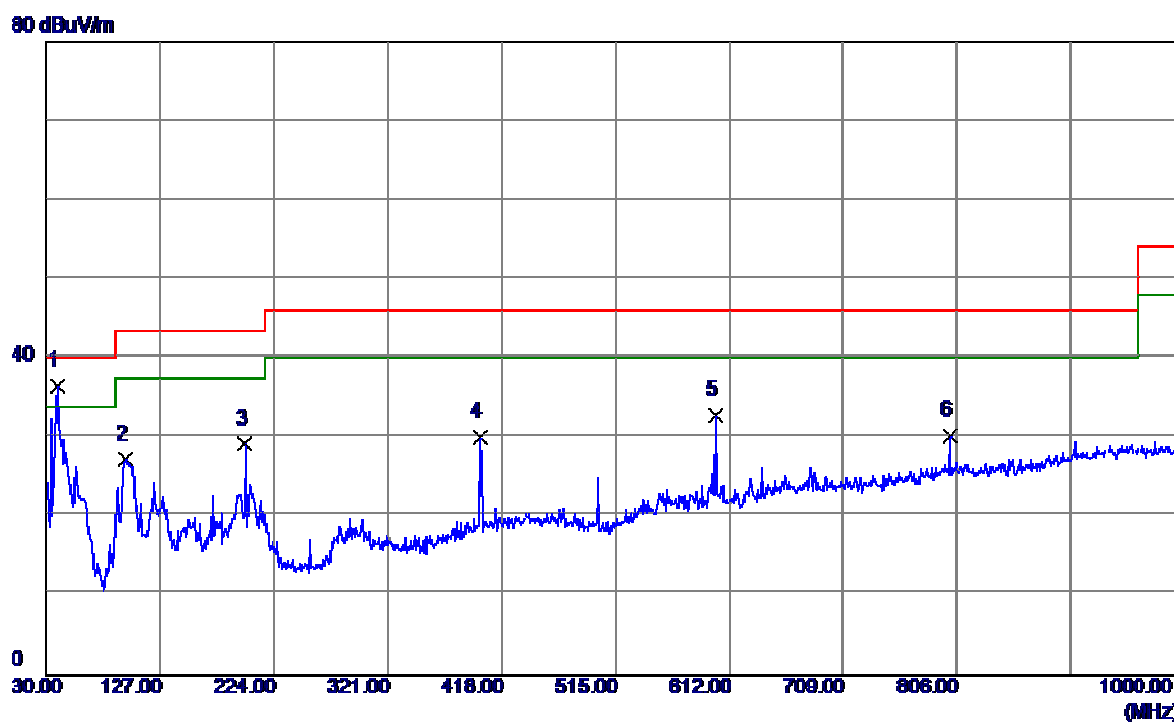
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	199.7500	49.41	-14.97	34.44	43.50	-9.06	Peak	
2	280.2600	42.46	-12.27	30.19	46.00	-15.81	Peak	
3	399.5700	47.20	-9.55	37.65	46.00	-8.35	Peak	
4	500.4500	42.13	-10.50	31.63	46.00	-14.37	Peak	
5	800.1800	33.58	-2.89	30.69	46.00	-15.31	Peak	
6	950.5300	29.82	-0.21	29.61	46.00	-16.39	Peak	

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

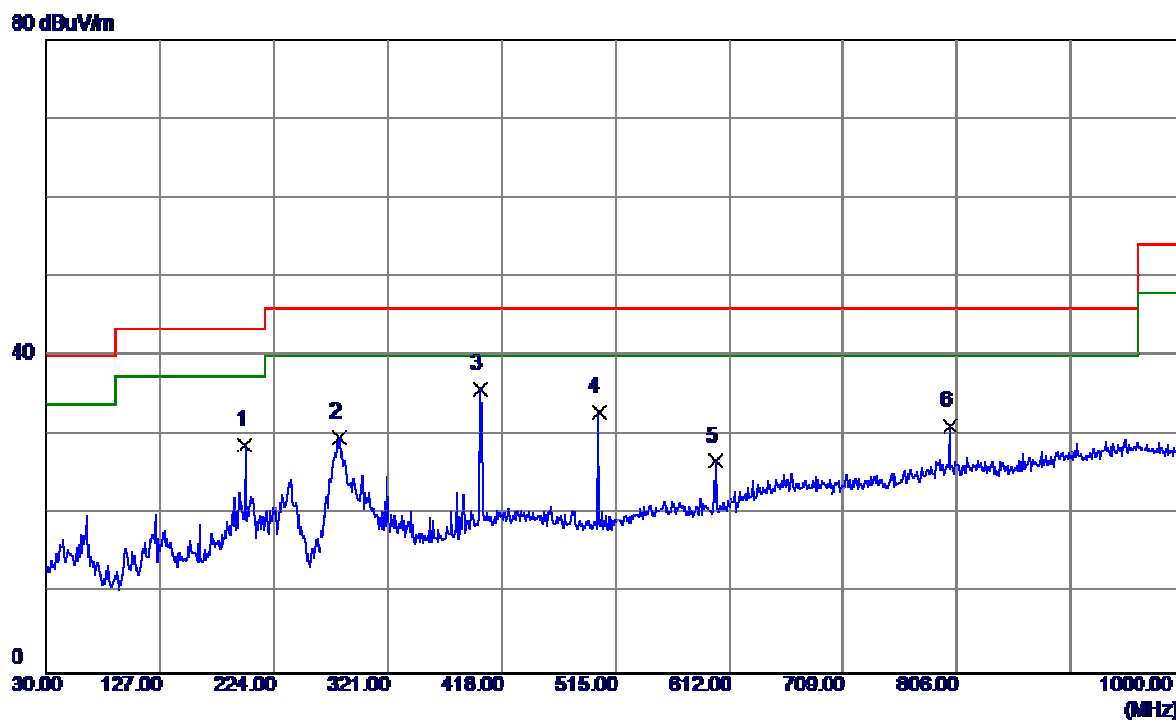
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	39.7000	50.80	-14.27	36.53	40.00	-3.47	Peak	
2	97.9000	43.89	-16.69	27.20	43.50	-16.30	Peak	
3	199.7500	44.17	-14.97	29.20	43.50	-14.30	Peak	
4	399.5700	39.59	-9.55	30.04	46.00	-15.96	Peak	
5	600.3600	40.68	-7.89	32.79	46.00	-13.21	Peak	
6	800.1800	33.15	-2.89	30.26	46.00	-15.74	Peak	

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

Horizontal



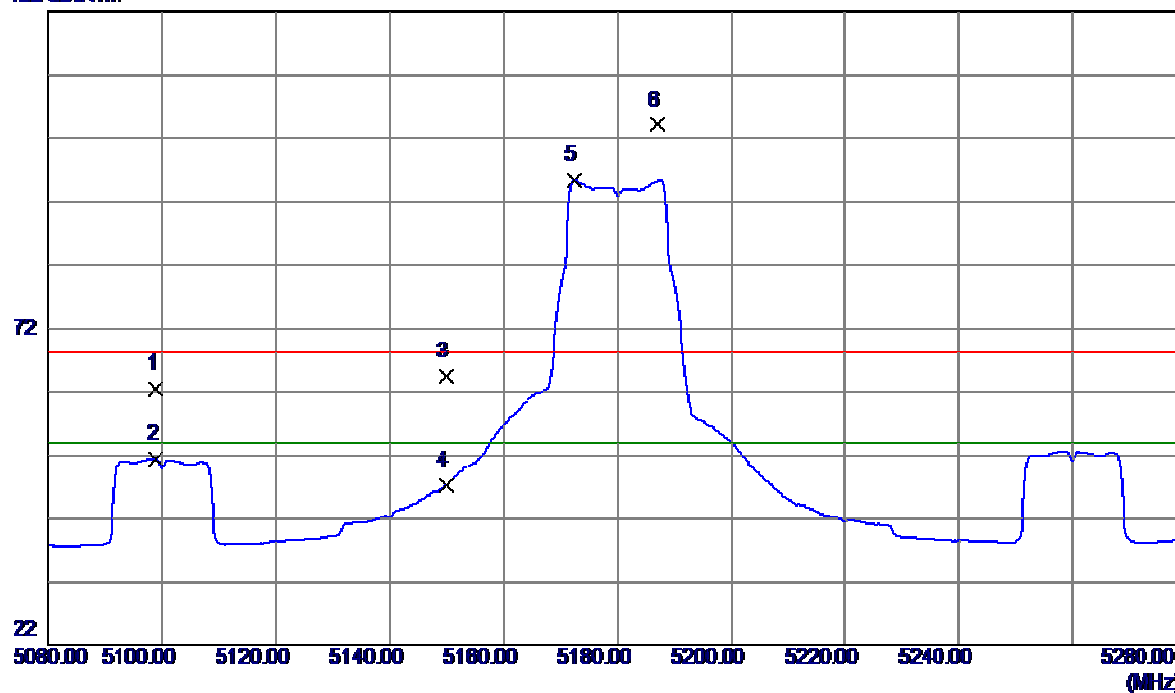
No.	Freq.	Reading	Correct	Measure	Limit	Over		
	MHz	Level	Factor	ment			Detector	Comment
		dBuV/m	dB	dBuV/m	dBuV/m	dB		
1	199.7500	43.70	-14.97	28.73	43.50	-14.77	Peak	
2	280.2600	42.00	-12.27	29.73	46.00	-16.27	Peak	
3	399.5700	45.39	-9.55	35.84	46.00	-10.16	Peak	
4	500.4500	43.43	-10.50	32.93	46.00	-13.07	Peak	
5	600.3600	34.59	-7.89	26.70	46.00	-19.30	Peak	
6	800.1800	34.09	-2.89	31.20	46.00	-14.80	Peak	

ATTACHMENTD -RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

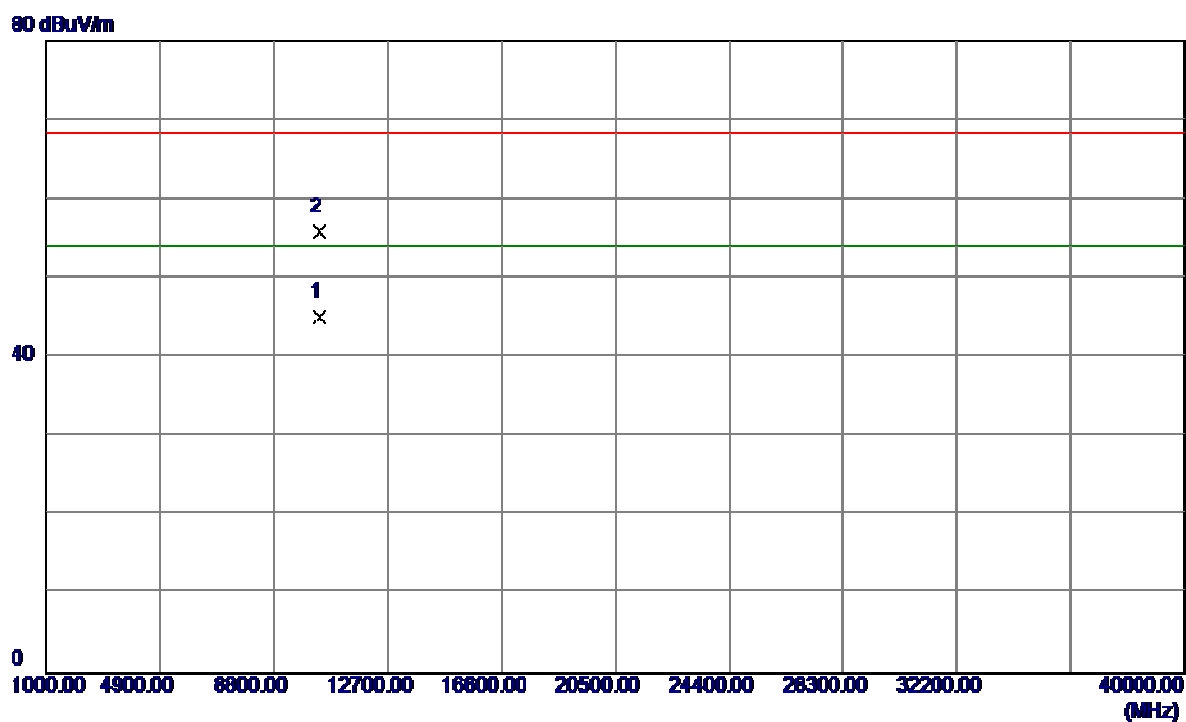
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5099.0000	23.48	38.83	62.31	68.30	-5.99	Peak	
2	5099.0000	12.61	38.83	51.44	54.00	-2.56	AVG	
3	5150.0000	25.46	39.00	64.46	68.30	-3.84	Peak	
4	5150.0000	8.29	39.00	47.29	54.00	-6.71	AVG	
5	5172.4000	56.41	39.07	95.48	54.00	41.48	AVG	NO LIMIT
6	5187.2000	64.98	39.12	104.10	68.30	35.80	Peak	NO LIMIT

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

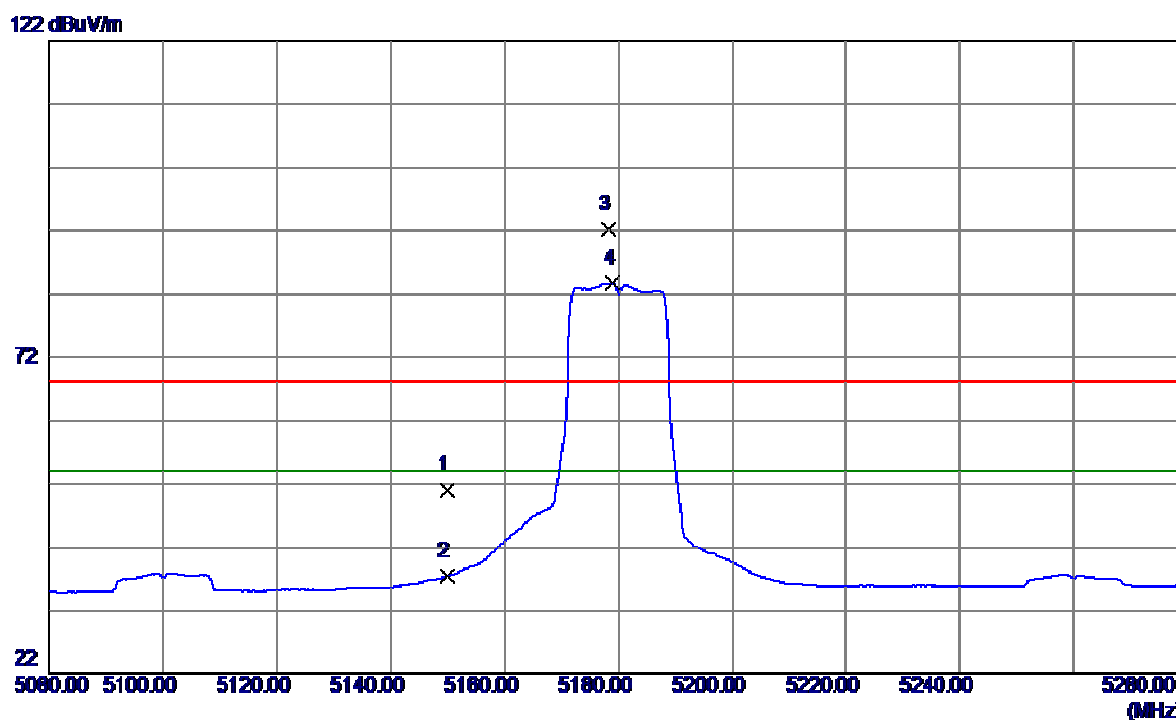
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10360.0500	34.08	11.11	45.19	54.00	-8.81	AVG	
2	10360.6000	44.69	11.11	55.80	68.30	-12.50	Peak	

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

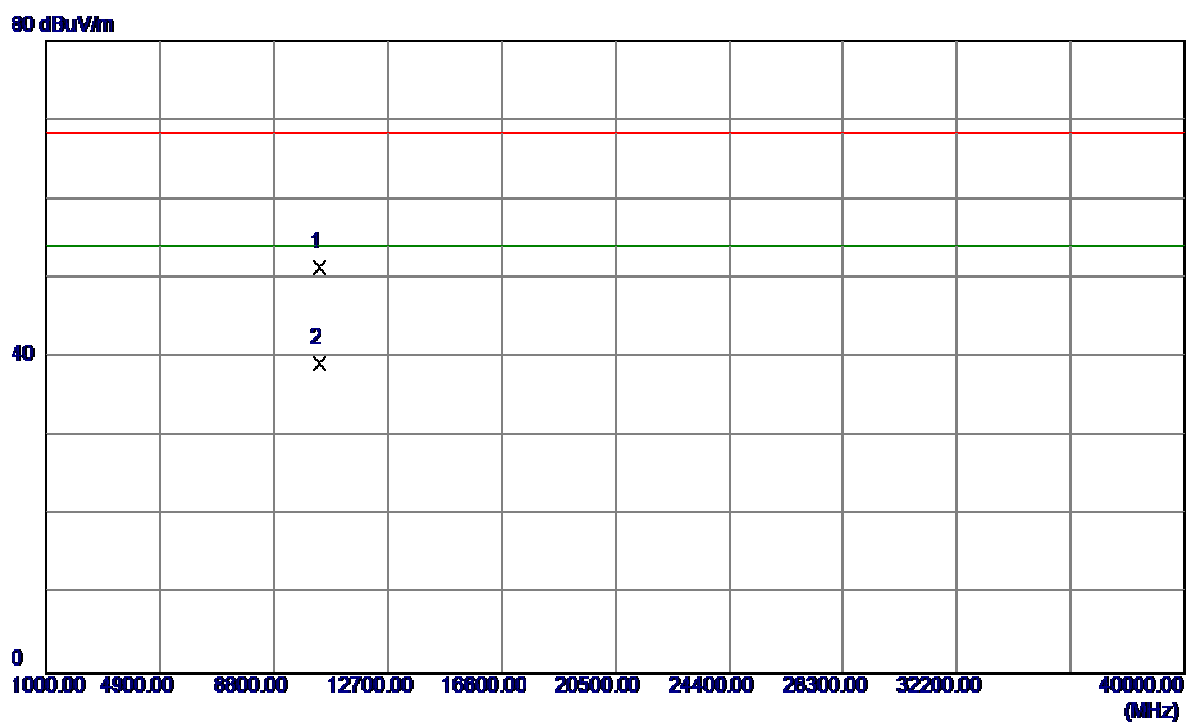
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	11.99	39.00	50.99	68.30	-17.31	Peak	
2	5150.0000	-1.66	39.00	37.34	54.00	-16.66	AVG	
3	5178.2000	53.17	39.09	92.26	68.30	23.96	Peak	NO LIMIT
4	5179.0000	44.61	39.09	83.70	54.00	29.70	AVG	NO LIMIT

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

Horizontal

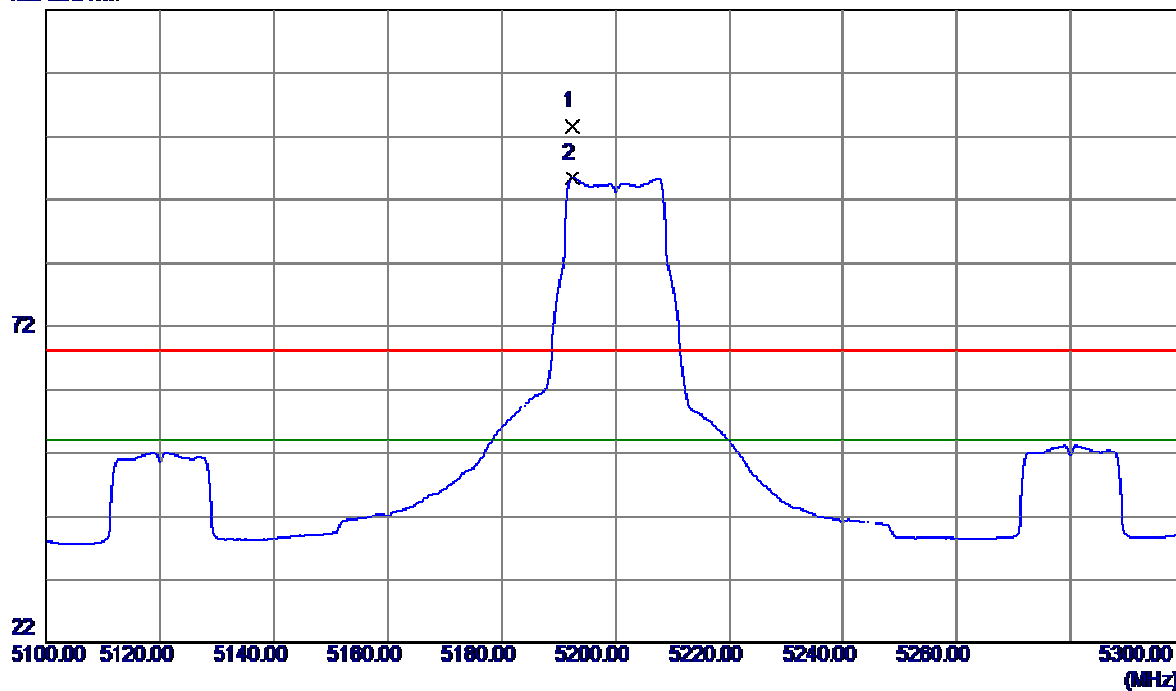


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.1000	40.25	11.11	51.36	68.30	-16.94	Peak	
2	10359.9500	28.02	11.11	39.13	54.00	-14.87	AVG	

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

Vertical

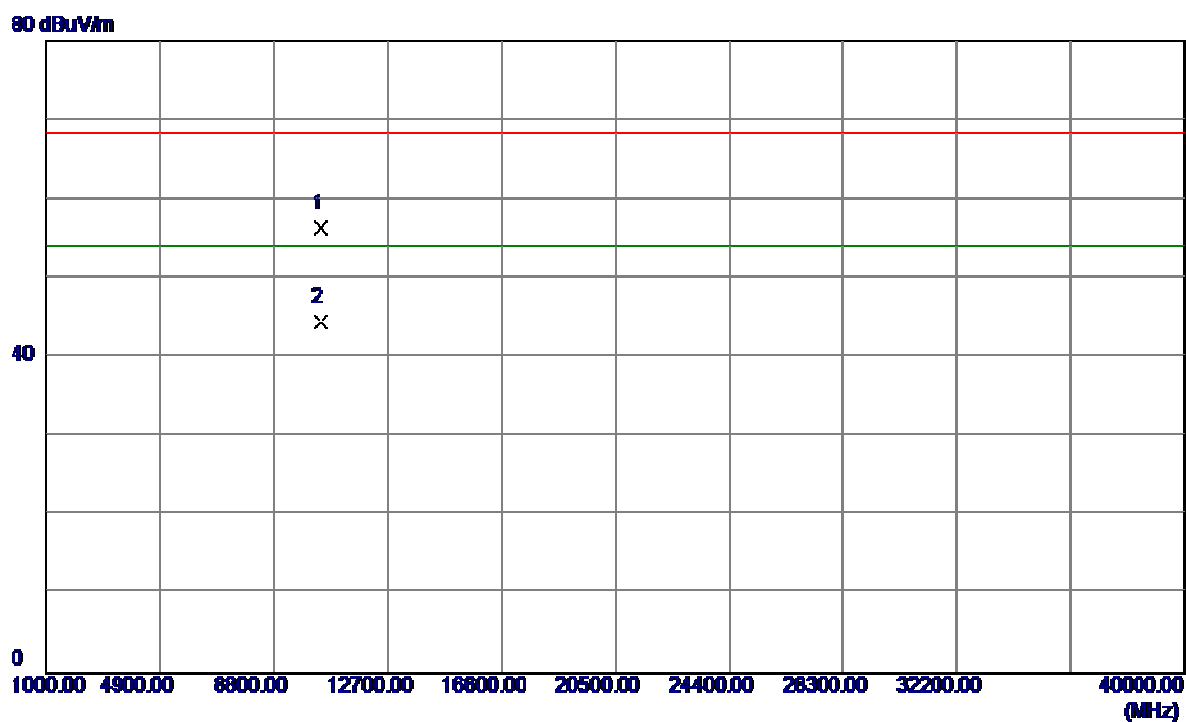
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5192.4000	64.38	39.14	103.52	68.30	35.22	Peak	NO LIMIT
2	5192.4000	56.34	39.14	95.48	54.00	41.48	AVG	NO LIMIT

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

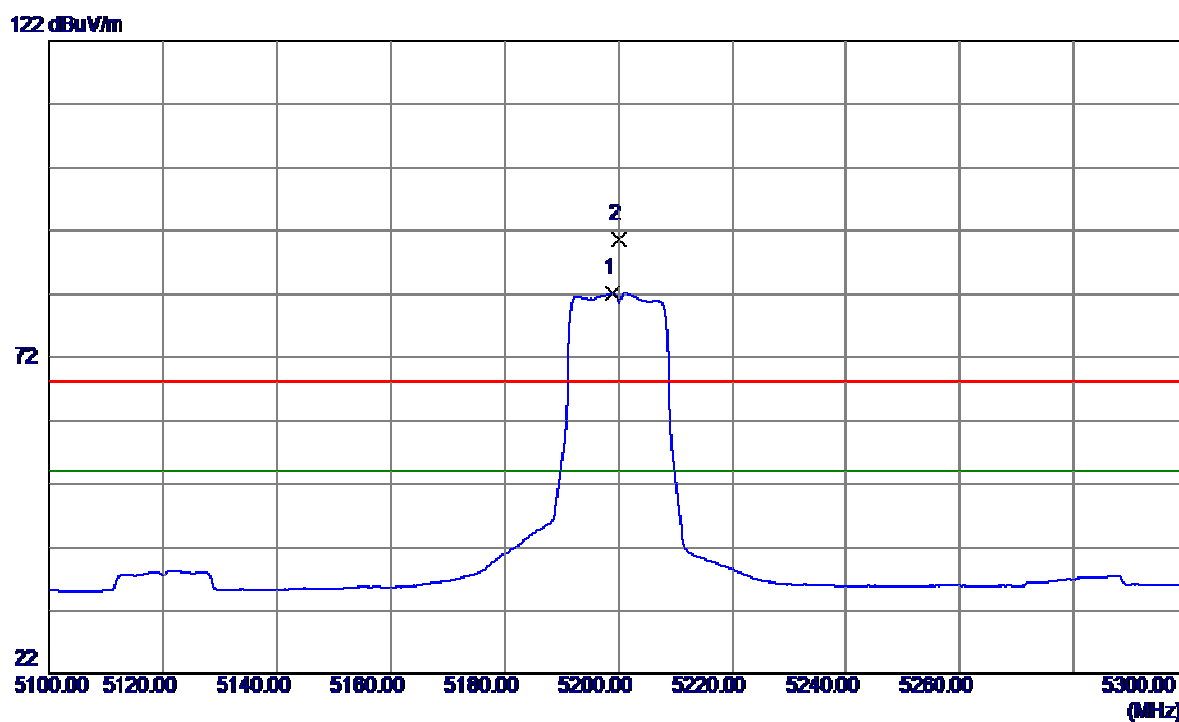
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10398.6500	45.20	11.05	56.25	68.30	-12.05	Peak	
2	10401.6500	33.38	11.05	44.43	54.00	-9.57	AVG	

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

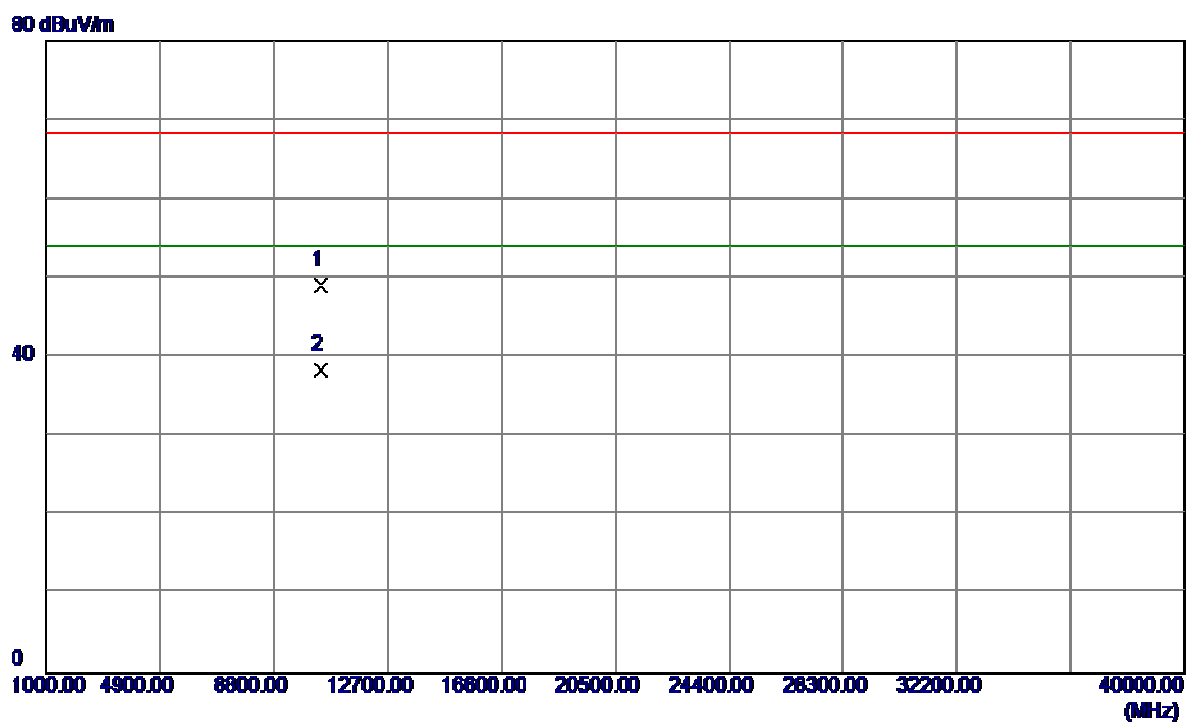
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5199.0000	43.05	39.16	82.21	54.00	28.21	AVG	NO LIMIT
2	5200.0000	51.42	39.16	90.58	68.30	22.28	Peak	NO LIMIT

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

Horizontal

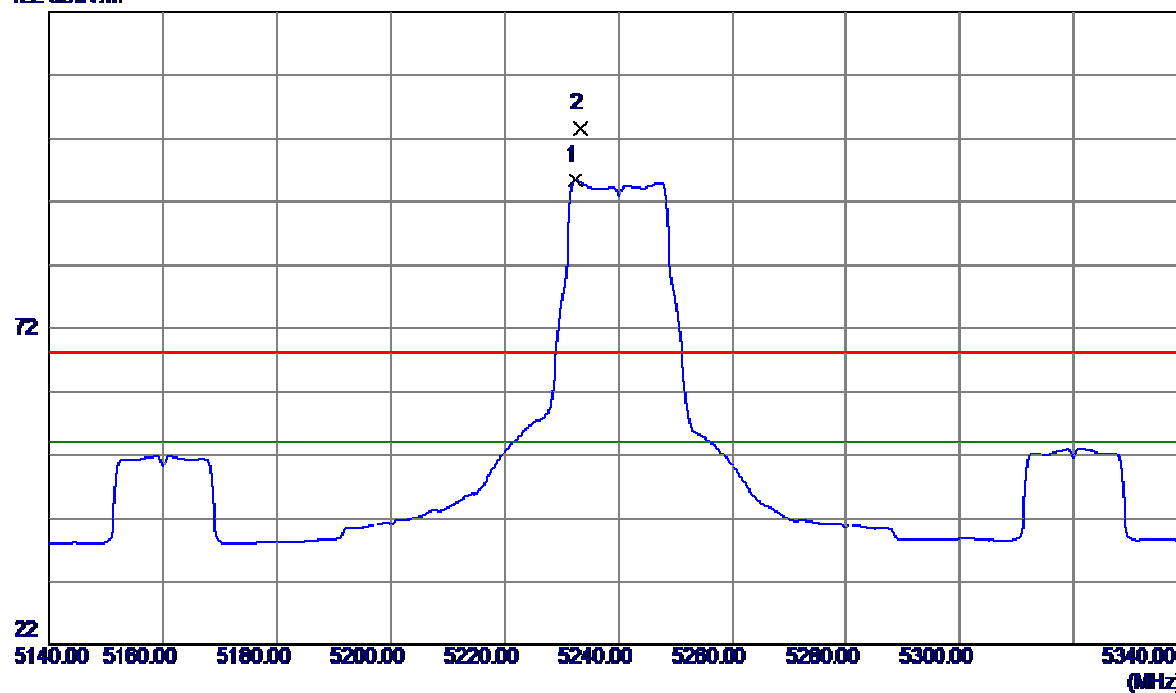


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10401.3000	38.08	11.05	49.13	68.30	-19.17	Peak	
2	10402.3500	27.31	11.05	38.36	54.00	-15.64	AVG	

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

Vertical

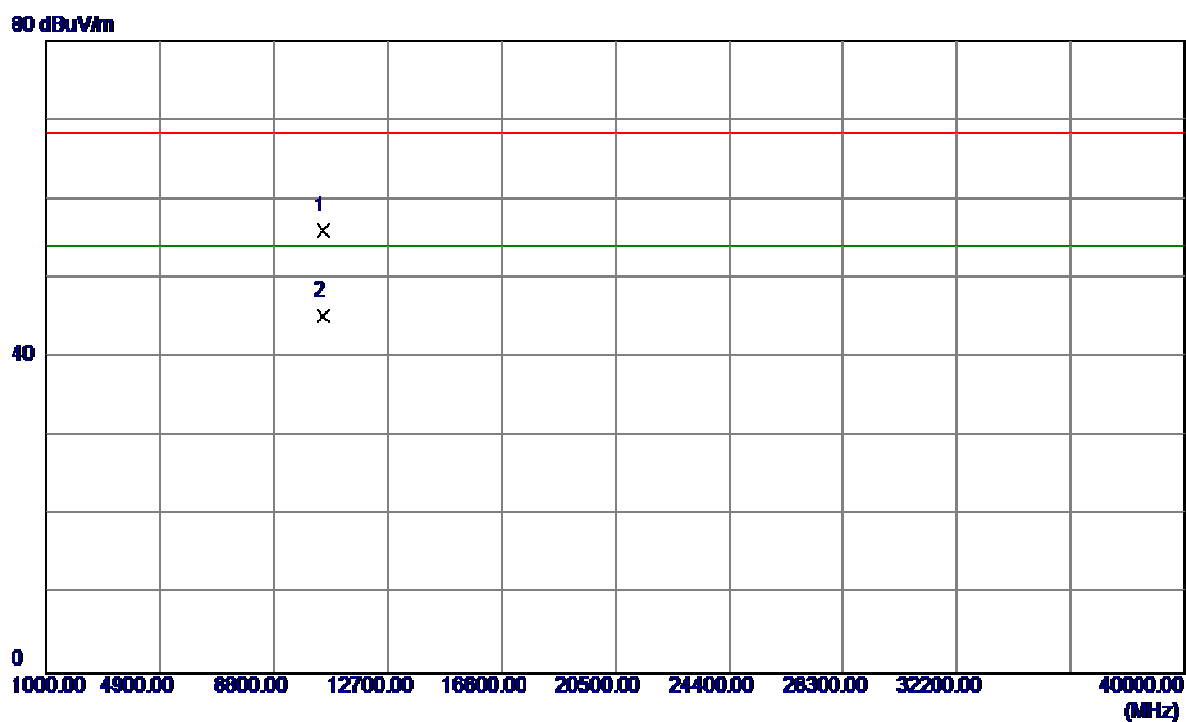
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5232.4000	56.14	39.27	95.41	54.00	41.41	AVG	NO LIMIT
2	5233.4000	64.33	39.27	103.60	68.30	35.30	Peak	NO LIMIT

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

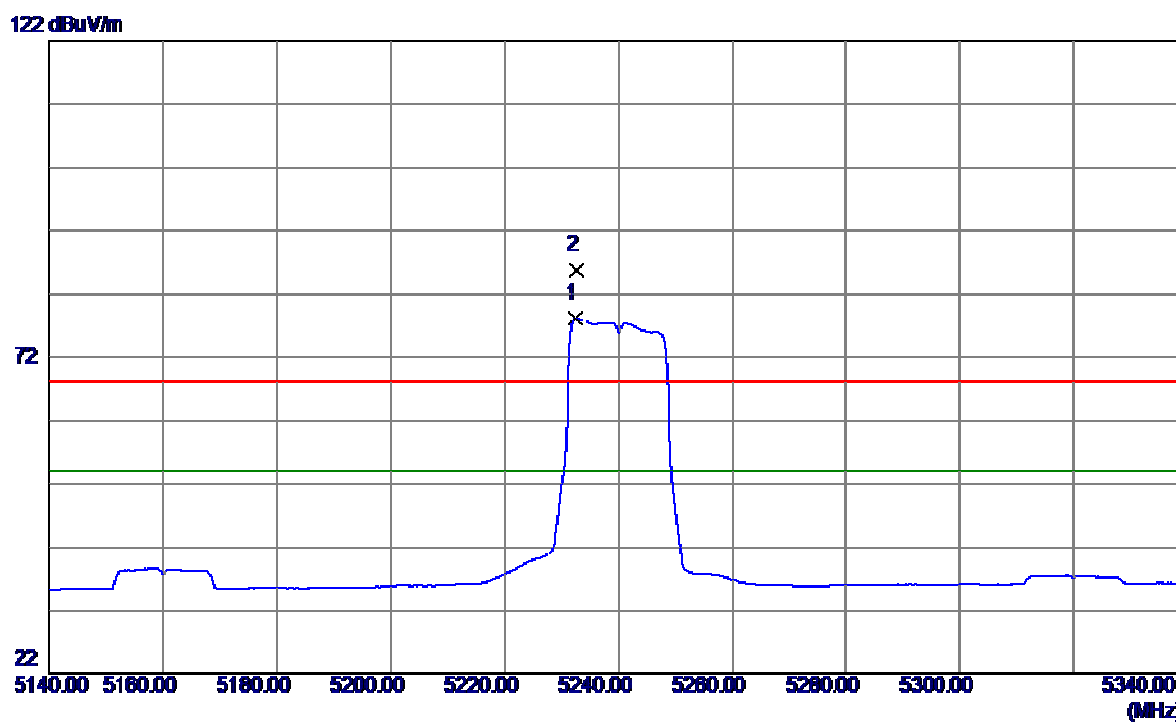
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.7000	45.11	10.94	56.05	68.30	-12.25	Peak	
2	10481.7500	34.41	10.94	45.35	54.00	-8.65	AVG	

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

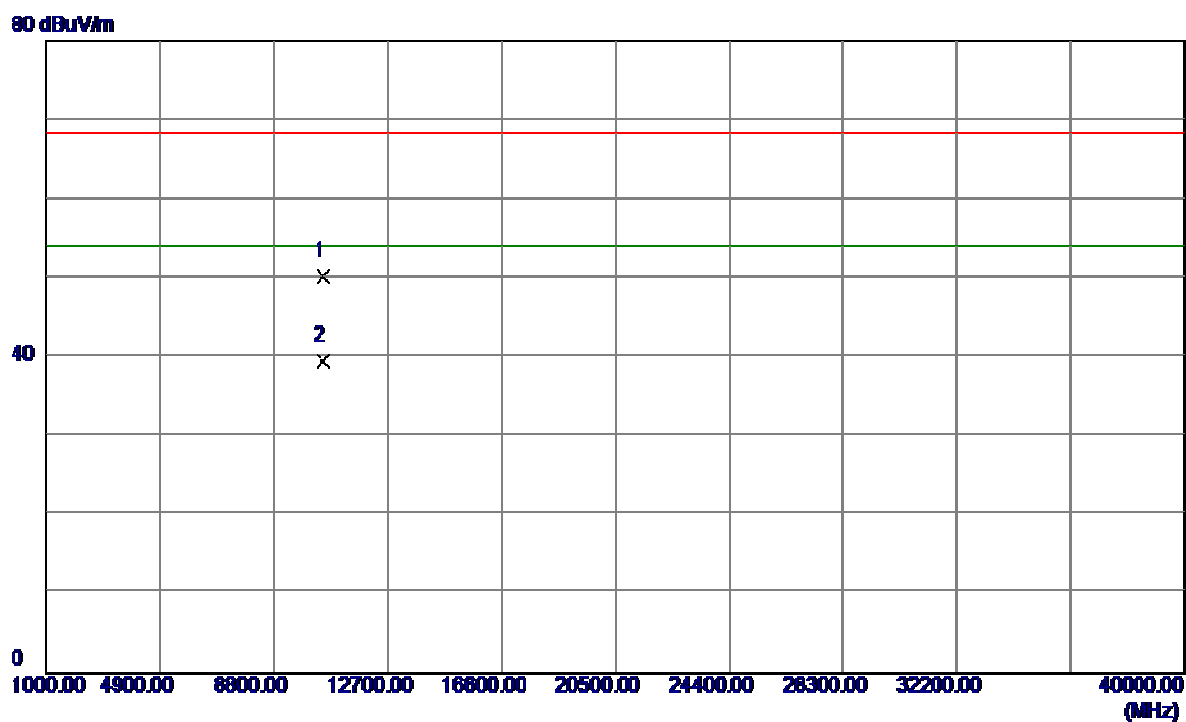
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5232.4000	39.00	39.27	78.27	54.00	24.27	AVG	NO LIMIT
2	5232.6000	46.47	39.27	85.74	68.30	17.44	Peak	NO LIMIT

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

Horizontal

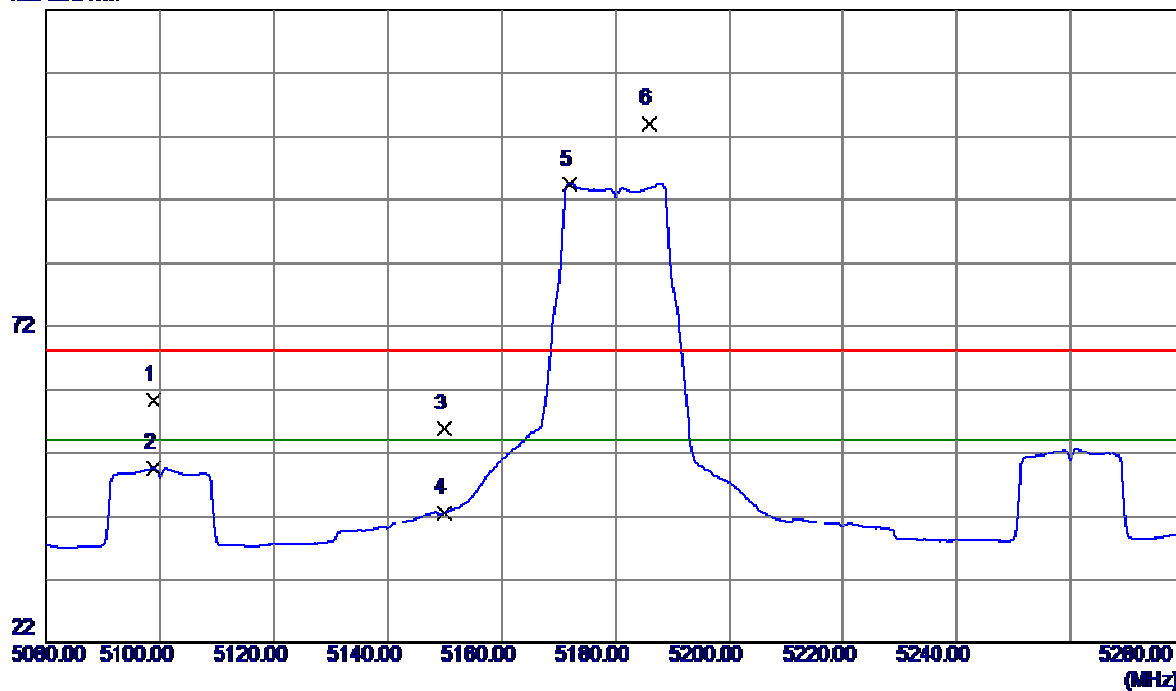


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.5500	39.29	10.94	50.23	68.30	-18.07	Peak	
2	10482.0000	28.56	10.94	39.50	54.00	-14.50	AVG	

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

Vertical

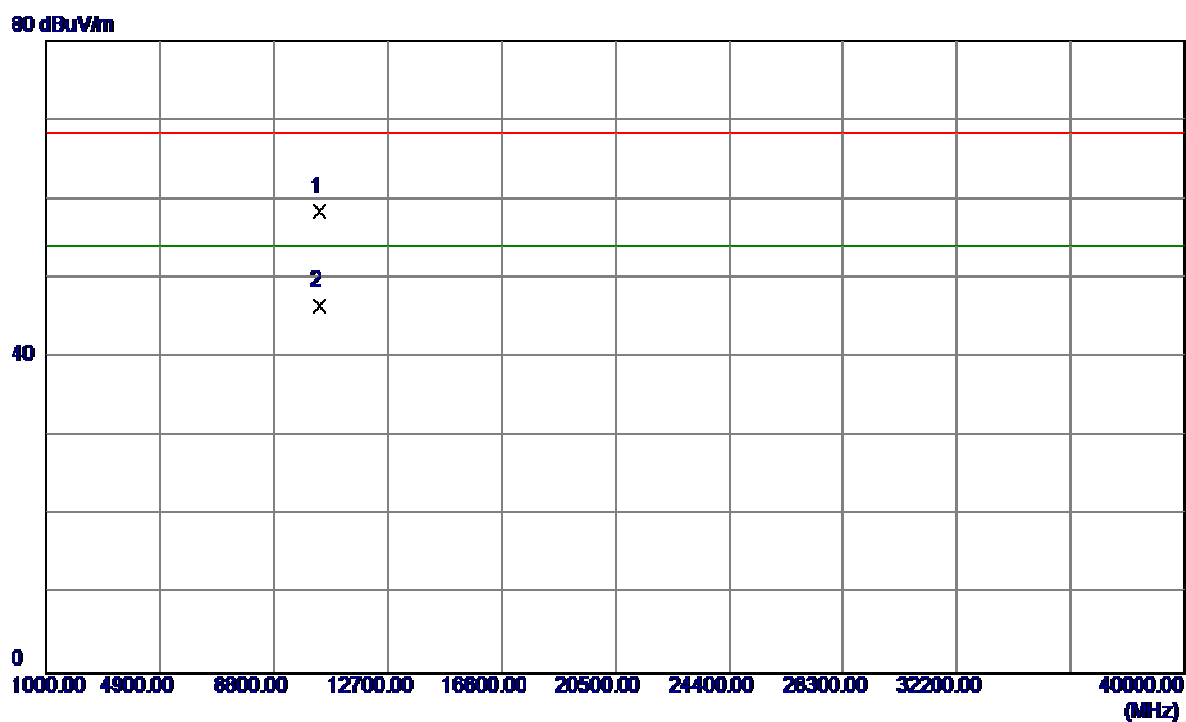
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5098.8000	21.53	38.83	60.36	68.30	-7.94	Peak	
2	5098.8000	10.78	38.83	49.61	54.00	-4.39	AVG	
3	5150.0000	16.77	39.00	55.77	68.30	-12.53	Peak	
4	5150.0000	3.66	39.00	42.66	54.00	-11.34	AVG	
5	5172.0000	55.38	39.07	94.45	54.00	40.45	AVG	NO LIMIT
6	5186.0000	64.84	39.12	103.96	68.30	35.66	Peak	NO LIMIT

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

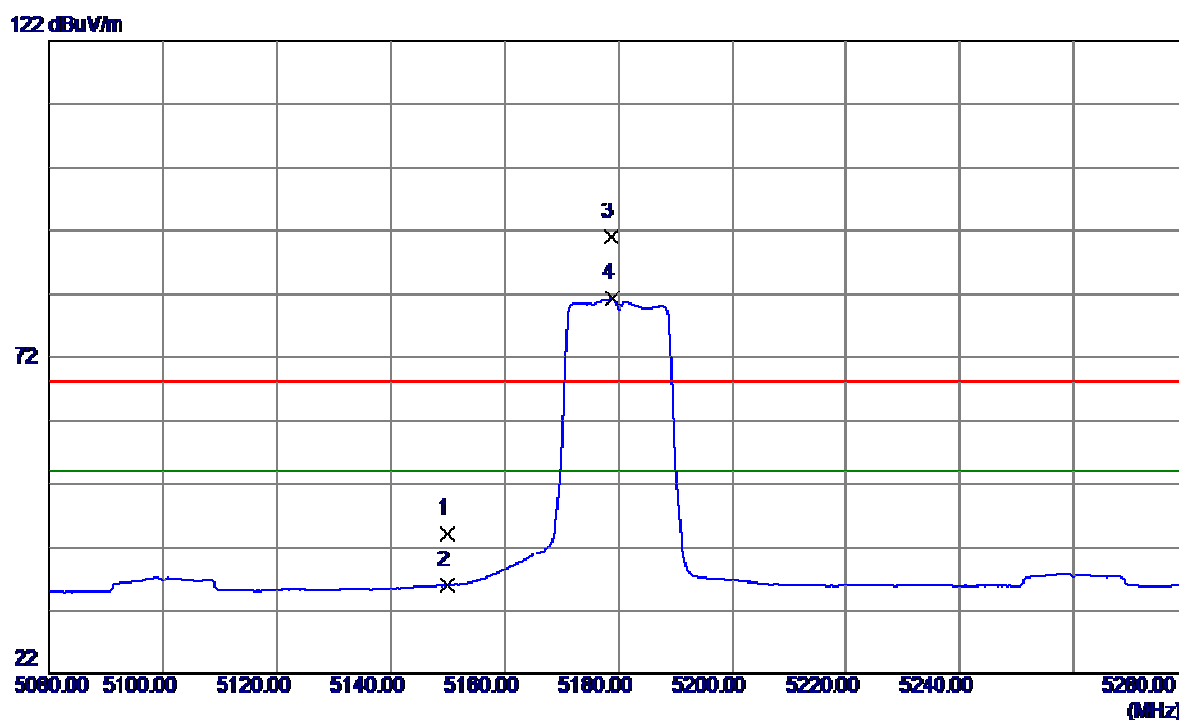
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.8000	47.32	11.11	58.43	68.30	-9.87	Peak	
2	10360.0000	35.50	11.11	46.61	54.00	-7.39	AVG	

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

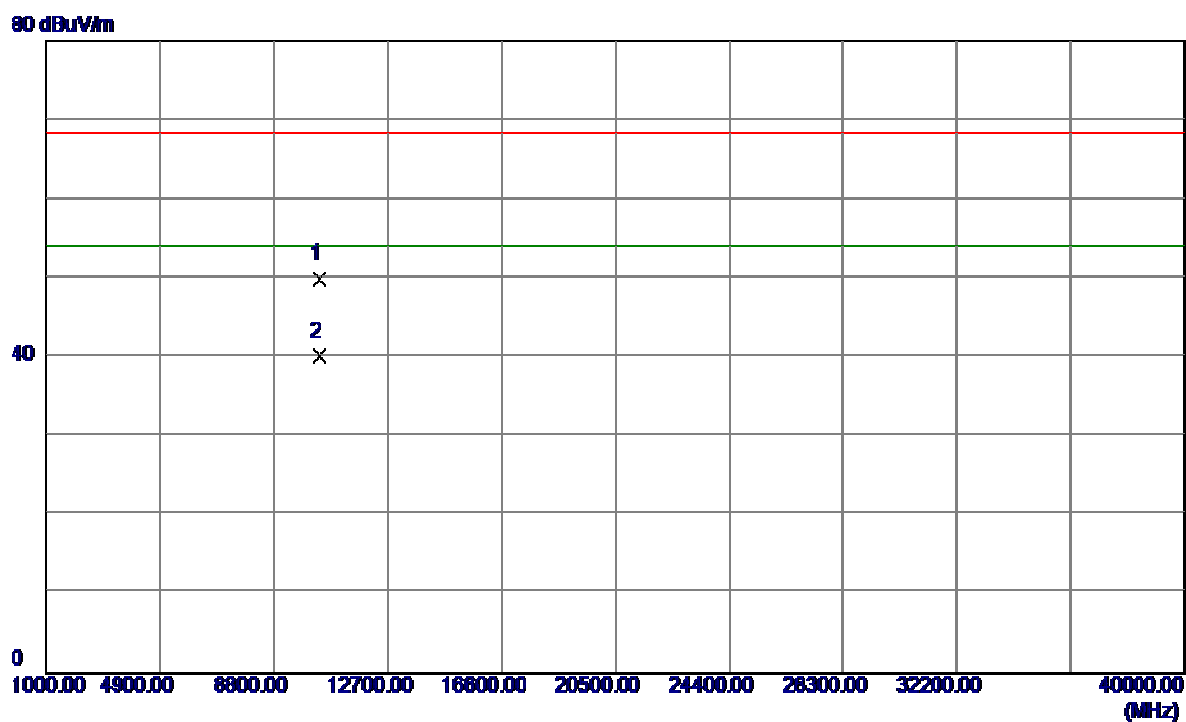
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	5.12	39.00	44.12	68.30	-24.18	Peak	
2	5150.0000	-3.06	39.00	35.94	54.00	-18.06	AVG	
3	5178.6000	51.88	39.09	90.97	68.30	22.67	Peak	NO LIMIT
4	5178.8000	42.24	39.09	81.33	54.00	27.33	AVG	NO LIMIT

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

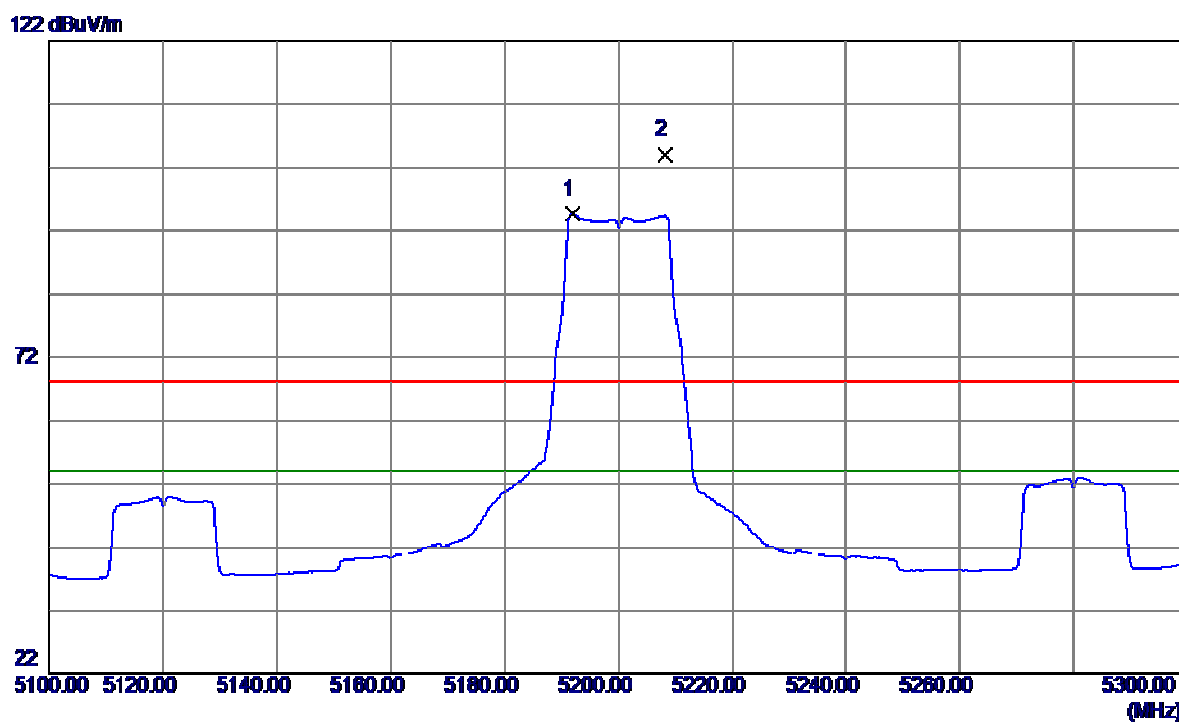
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10359.5000	38.87	11.11	49.98	68.30	-18.32	Peak	
2	10359.5000	28.97	11.11	40.08	54.00	-13.92	AVG	

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

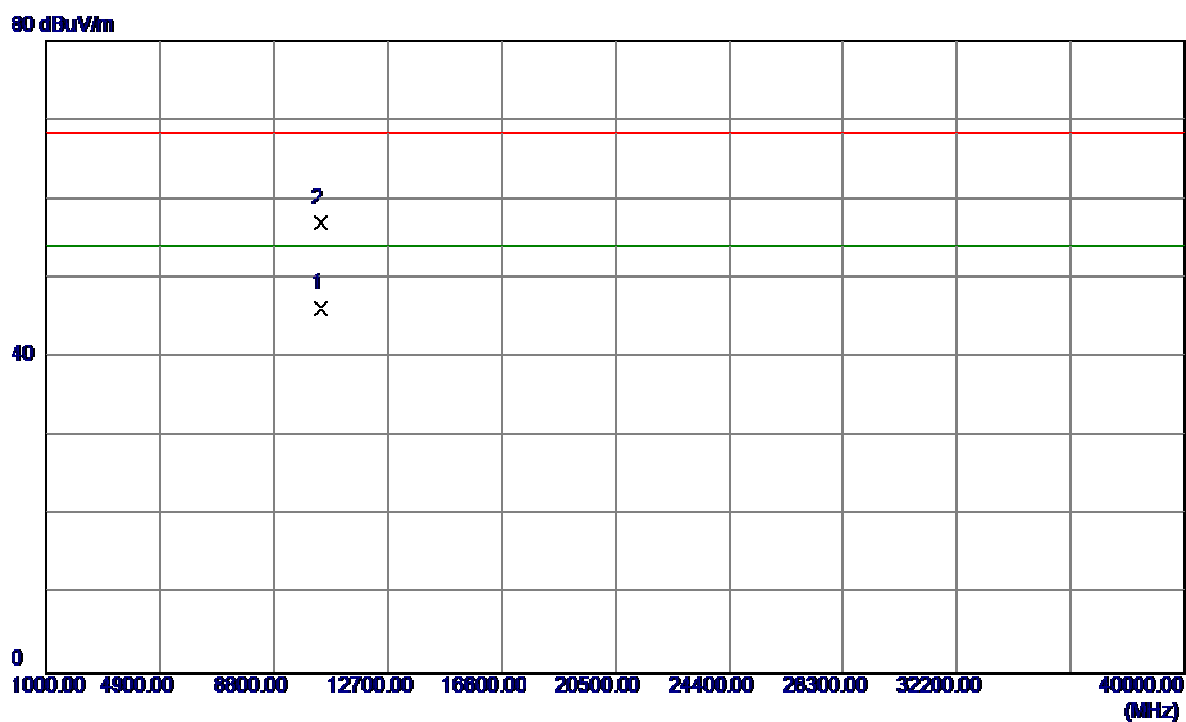
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5192.0000	55.40	39.14	94.54	54.00	40.54	AVG	NO LIMIT
2	5208.2000	64.89	39.19	104.08	68.30	35.78	Peak	NO LIMIT

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

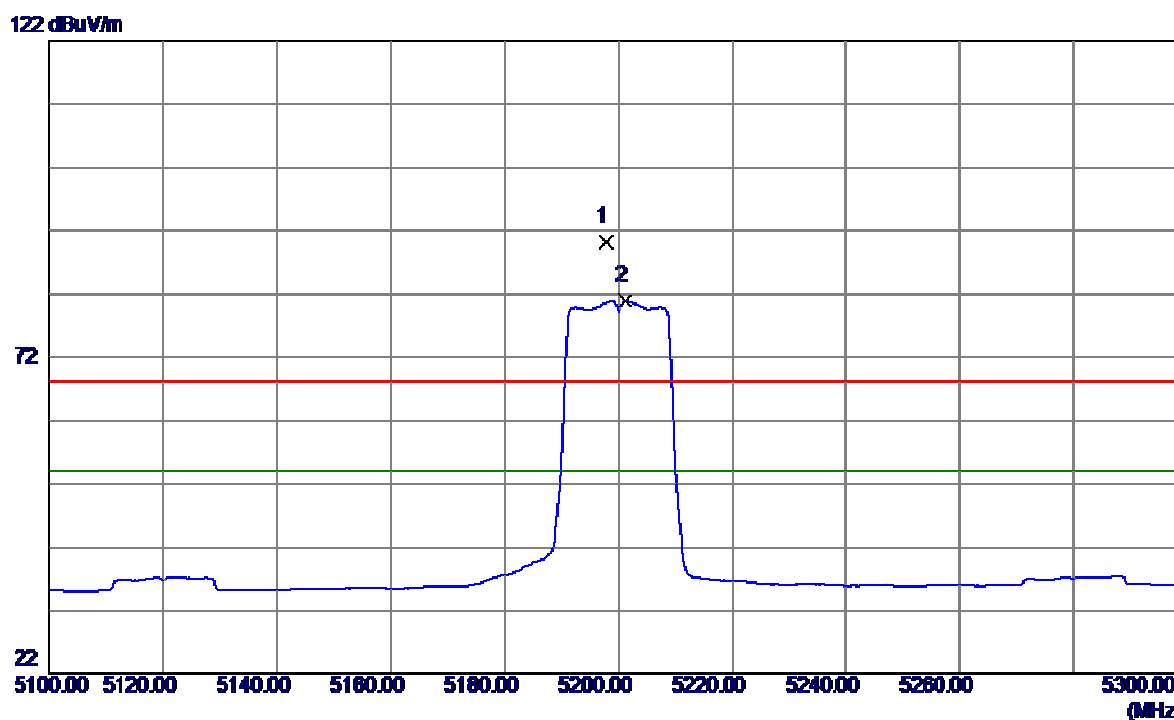
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.9500	35.17	11.05	46.22	54.00	-7.78	AVG	
2	10400.9500	45.85	11.05	56.90	68.30	-11.40	Peak	

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

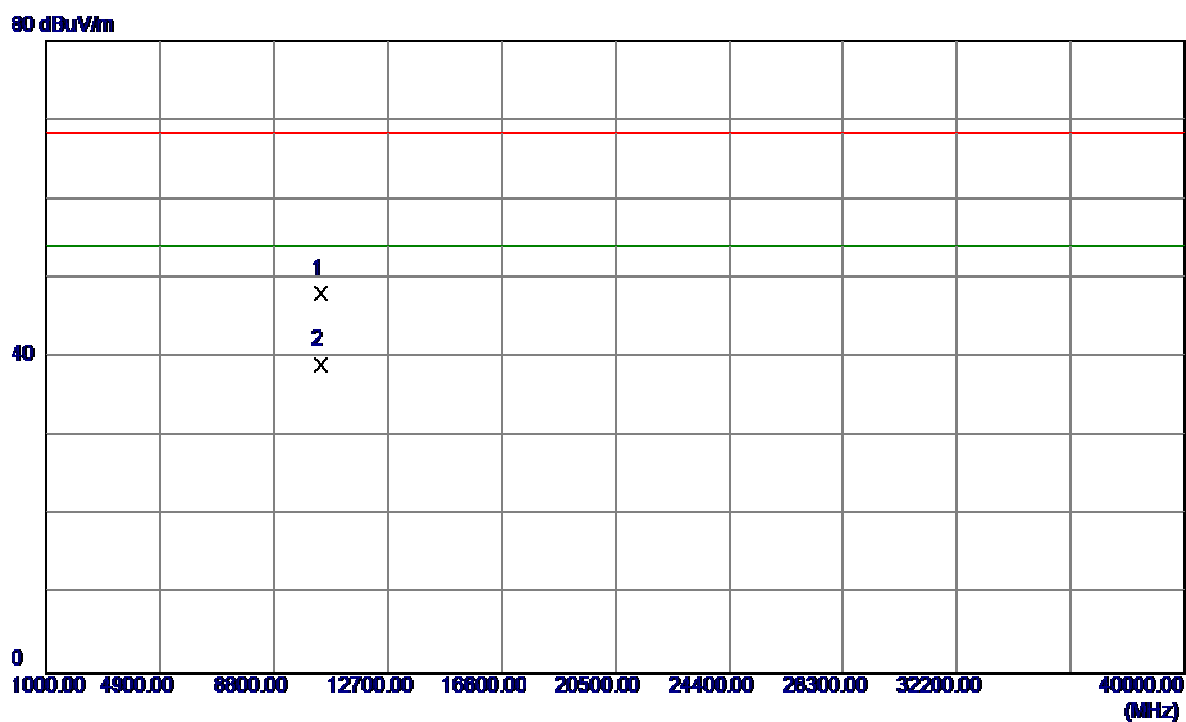
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5197.8000	51.00	39.16	90.16	68.30	21.86	Peak	NO LIMIT
2	5201.2000	41.80	39.17	80.97	54.00	26.97	AVG	NO LIMIT

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

Horizontal

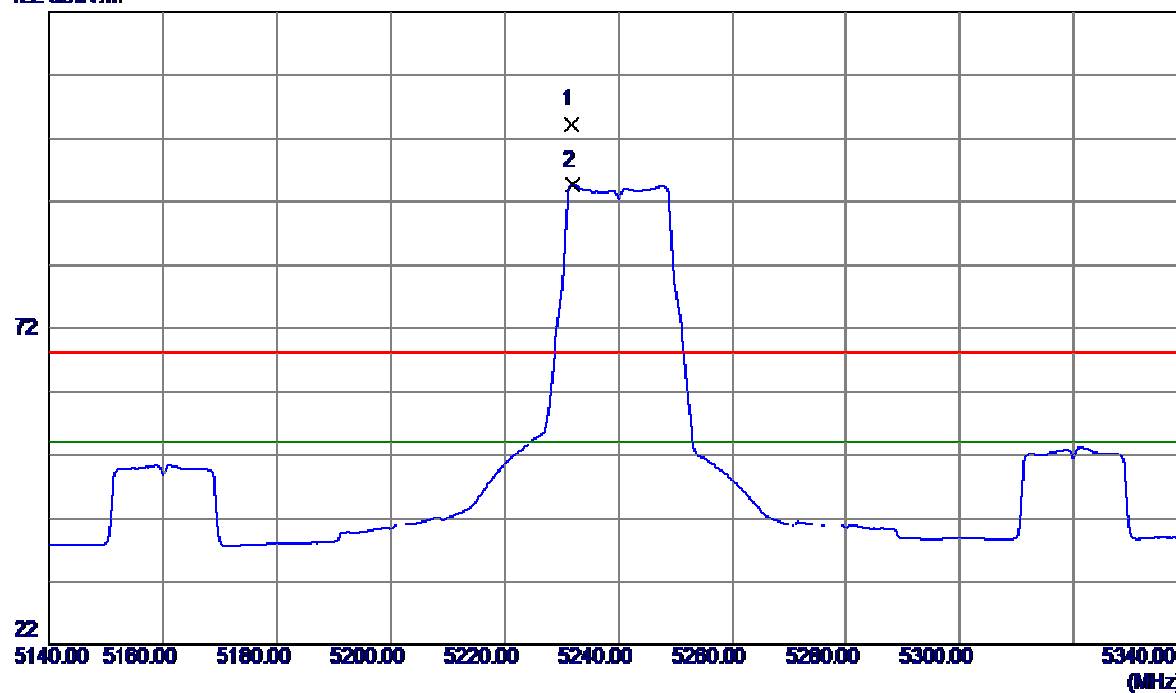


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10399.9000	37.03	11.05	48.08	68.30	-20.22	Peak	
2	10399.9000	28.05	11.05	39.10	54.00	-14.90	AVG	

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

Vertical

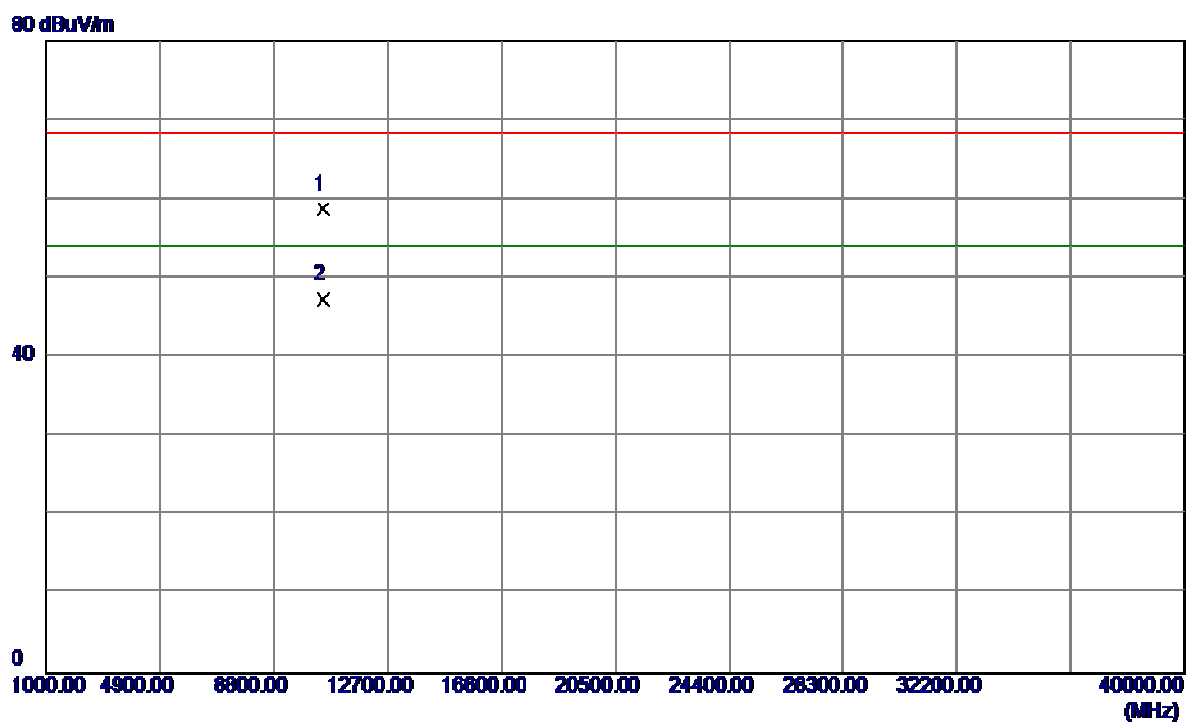
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5231.8000	64.94	39.27	104.21	68.30	35.91	Peak	NO LIMIT
2	5232.0000	55.41	39.27	94.68	54.00	40.68	AVG	NO LIMIT

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

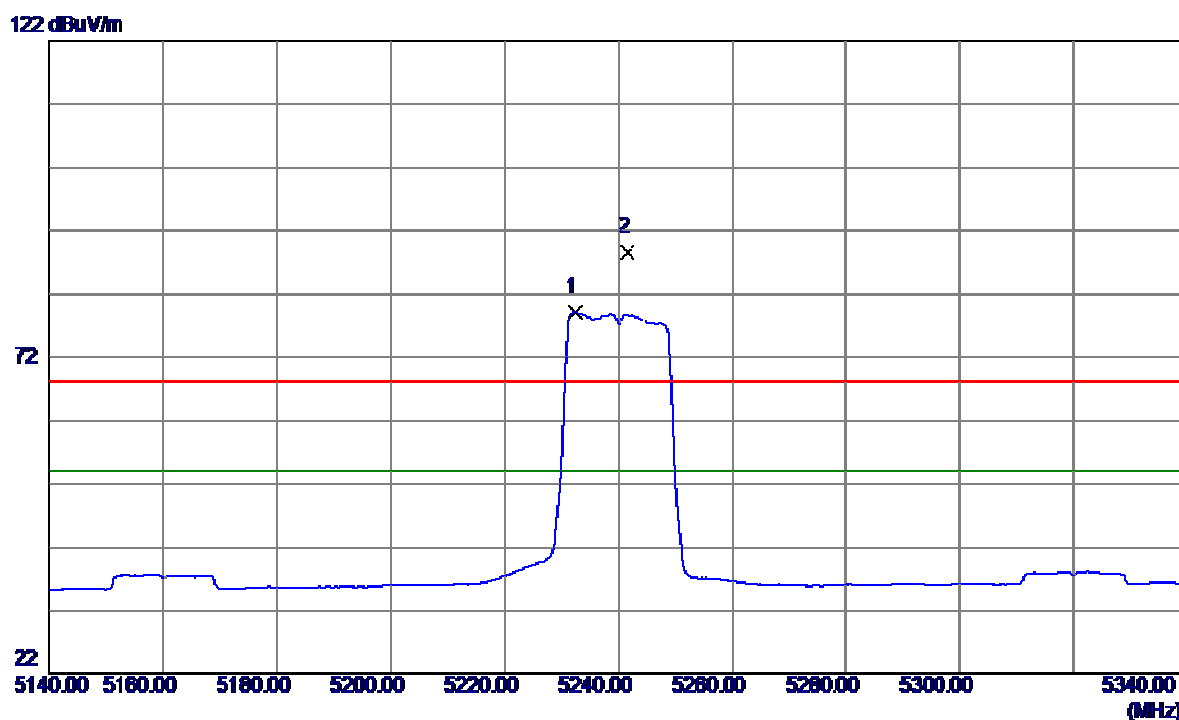
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10479.5000	47.76	10.94	58.70	68.30	-9.60	Peak	
2	10479.7500	36.44	10.94	47.38	54.00	-6.62	AVG	

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

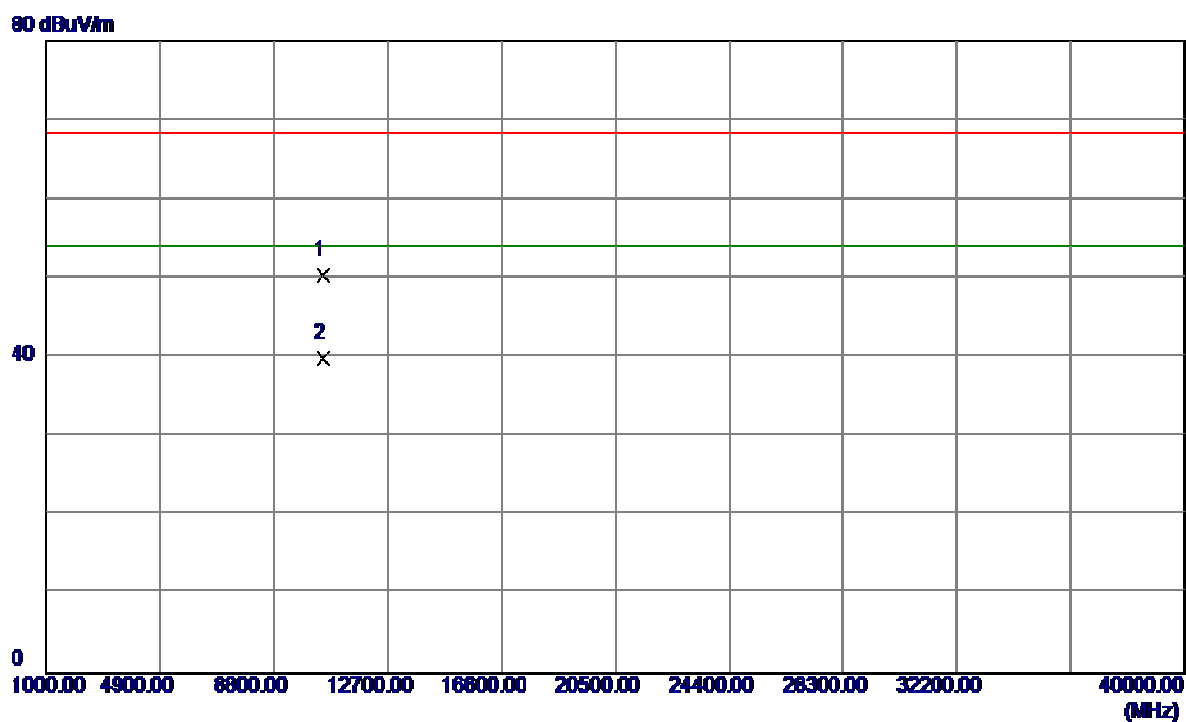
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5232.4000	39.93	39.27	79.20	54.00	25.20	AVG	NO LIMIT
2	5241.6000	49.39	39.30	88.69	68.30	20.39	Peak	NO LIMIT

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

Horizontal

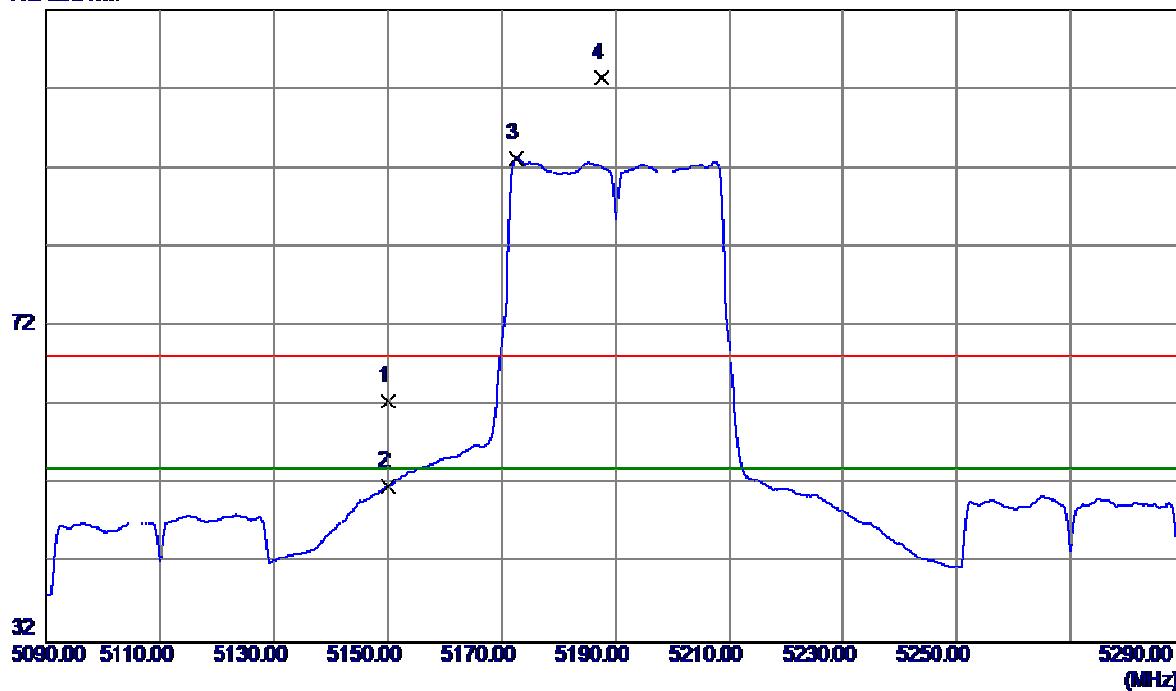


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10478.9000	39.52	10.94	50.46	68.30	-17.84	Peak	
2	10480.0500	28.95	10.94	39.89	54.00	-14.11	AVG	

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

Vertical

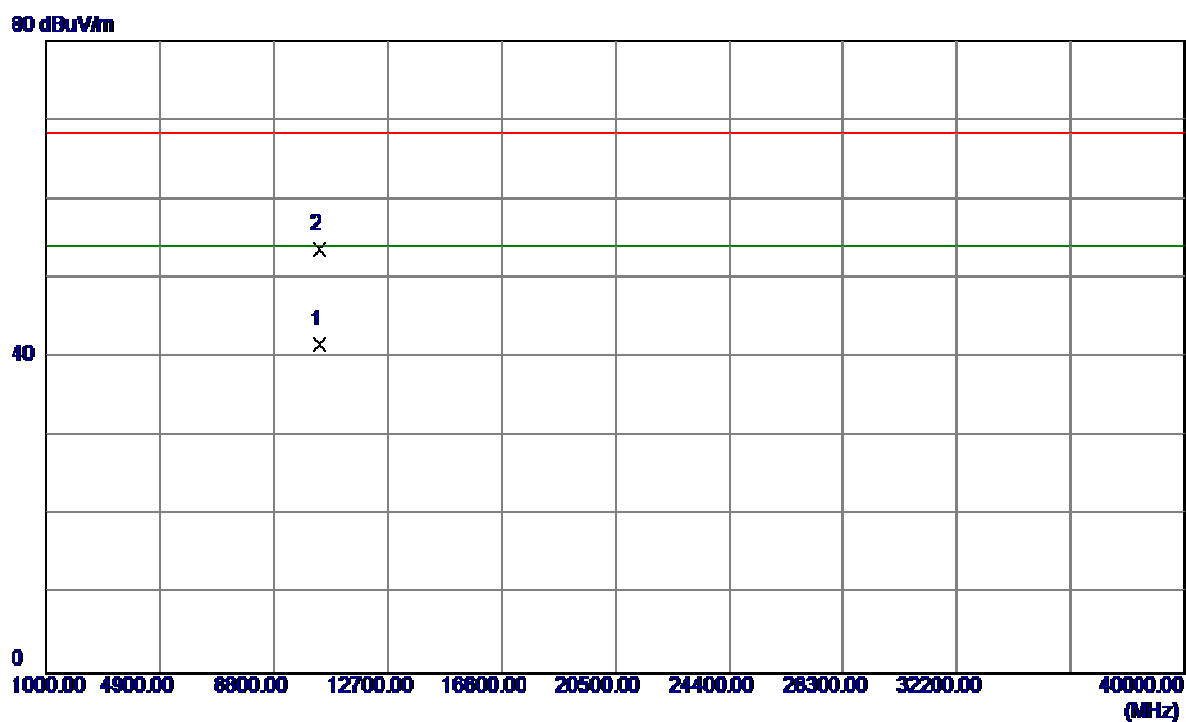
112 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	23.61	39.00	62.61	68.30	-5.69	Peak	
2	5150.0000	12.80	39.00	51.80	54.00	-2.20	AVG	
3	5172.4000	54.26	39.07	93.33	54.00	39.33	AVG	NO LIMIT
4	5187.6000	64.19	39.12	103.31	68.30	35.01	Peak	NO LIMIT

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

Vertical

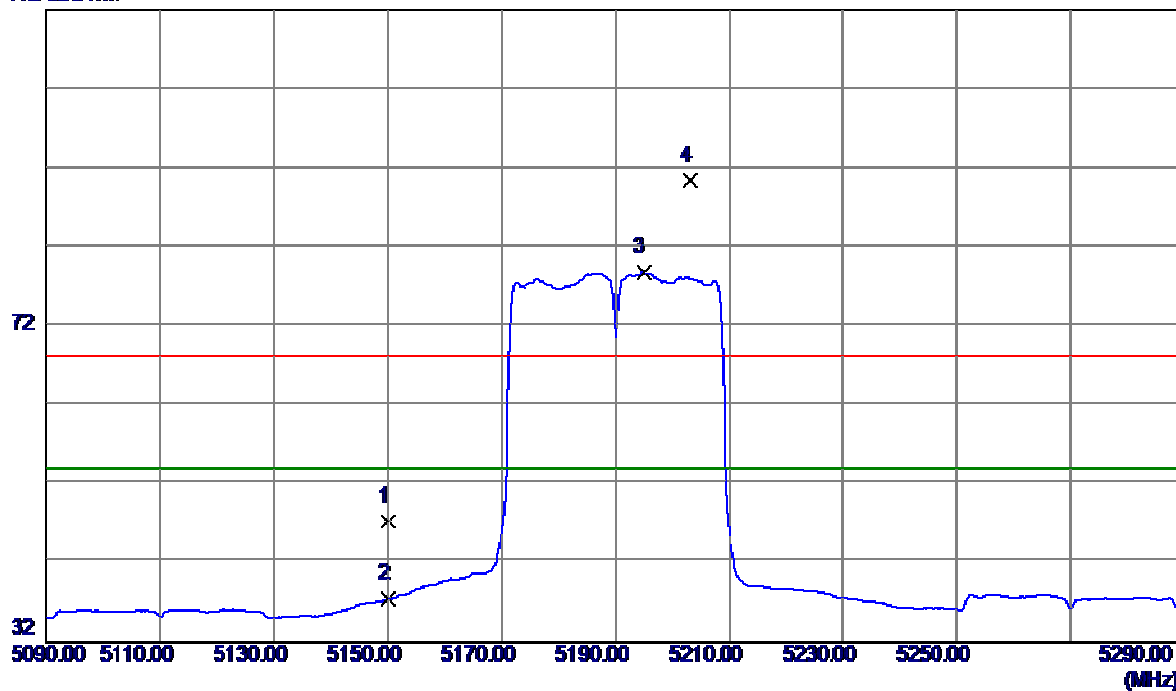


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.0500	30.46	11.08	41.54	54.00	-12.46	AVG	
2	10380.5000	42.54	11.08	53.62	68.30	-14.68	Peak	

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

Horizontal

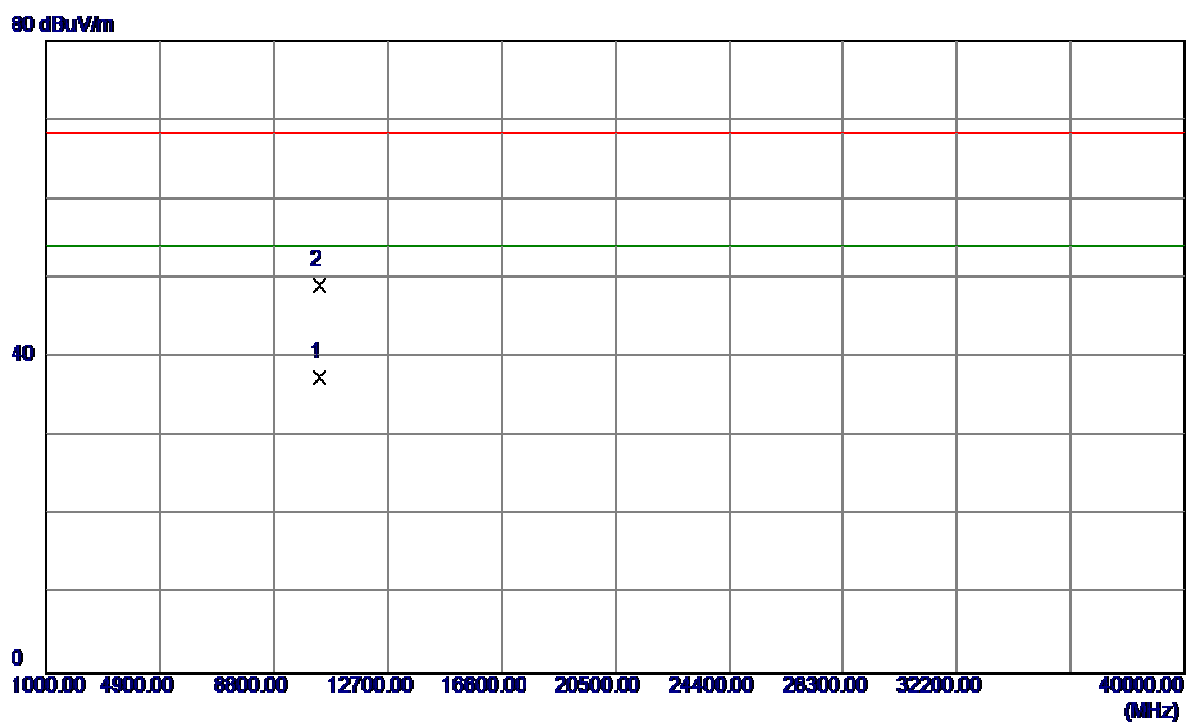
112 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.0000	8.36	39.00	47.36	68.30	-20.94	Peak	
2	5150.0000	-1.45	39.00	37.55	54.00	-16.45	AVG	
3	5195.0000	39.72	39.15	78.87	54.00	24.87	AVG	NO LIMIT
4	5203.2000	51.29	39.17	90.46	68.30	22.16	Peak	NO LIMIT

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

Horizontal

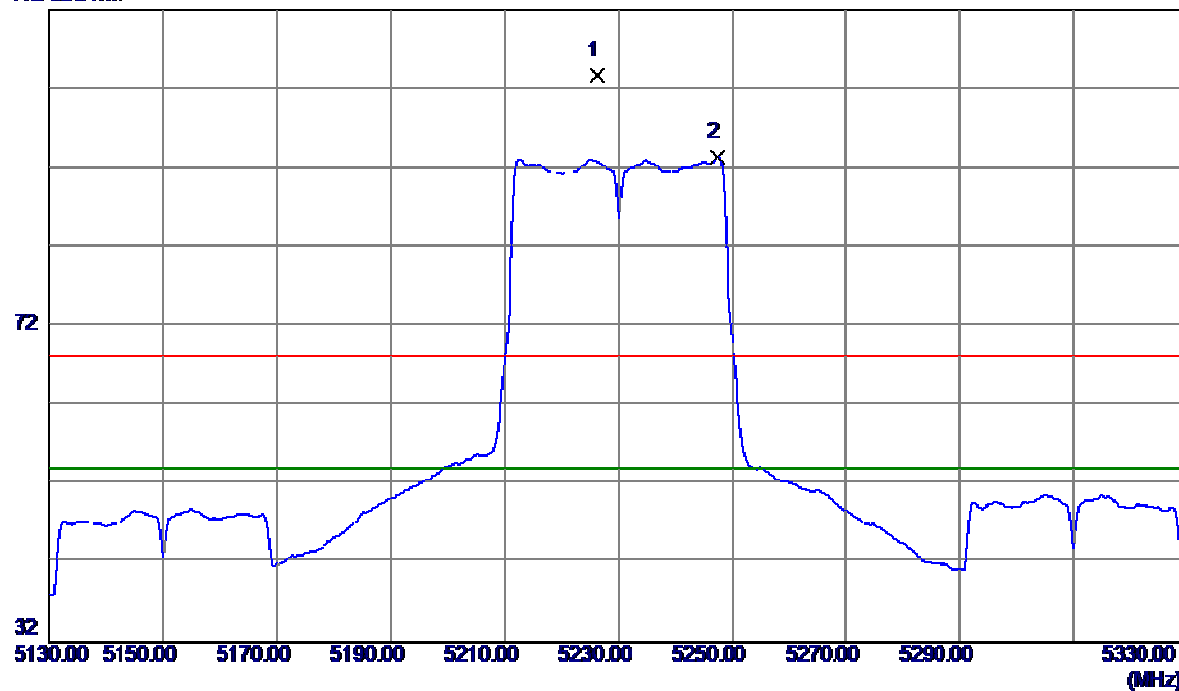


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.0500	26.42	11.08	37.50	54.00	-16.50	AVG	
2	10380.8500	37.97	11.08	49.05	68.30	-19.25	Peak	

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

Vertical

112 dBuV/m

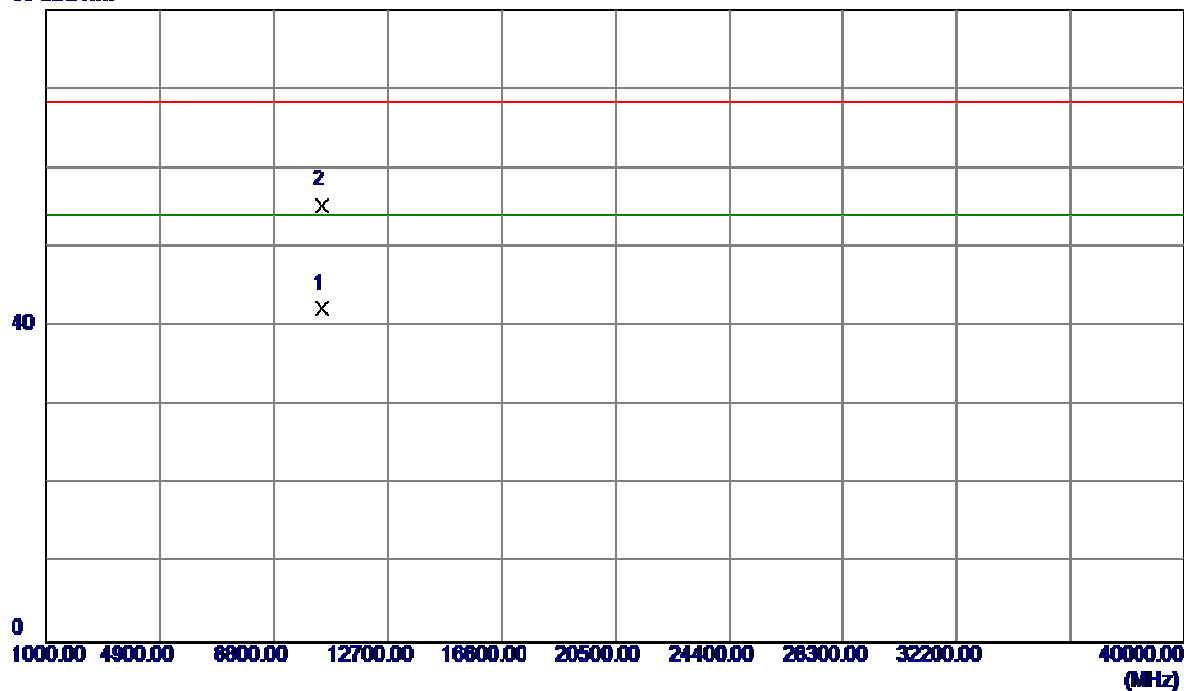


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5226.2000	64.49	39.25	103.74	68.30	35.44	Peak	NO LIMIT
2	5247.4000	54.10	39.32	93.42	54.00	39.42	AVG	NO LIMIT

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

Vertical

90 dBuV/m

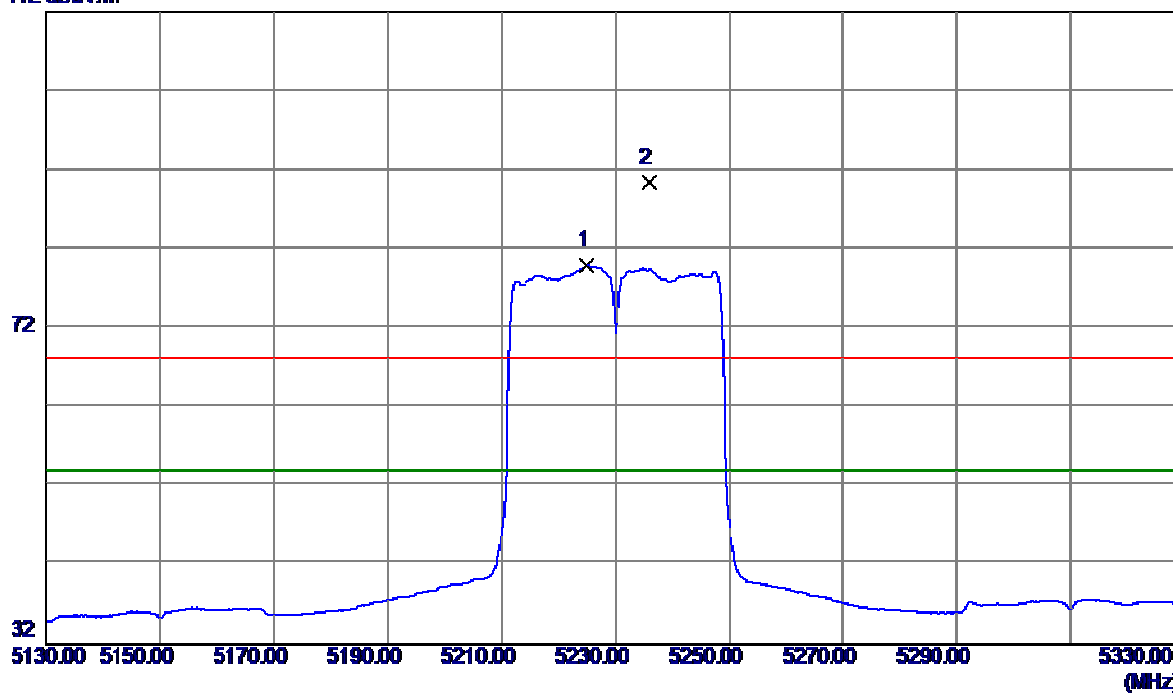


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10460.0500	31.26	10.97	42.23	54.00	-11.77	AVG	
2	10460.6000	44.31	10.97	55.28	68.30	-13.02	Peak	

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

Horizontal

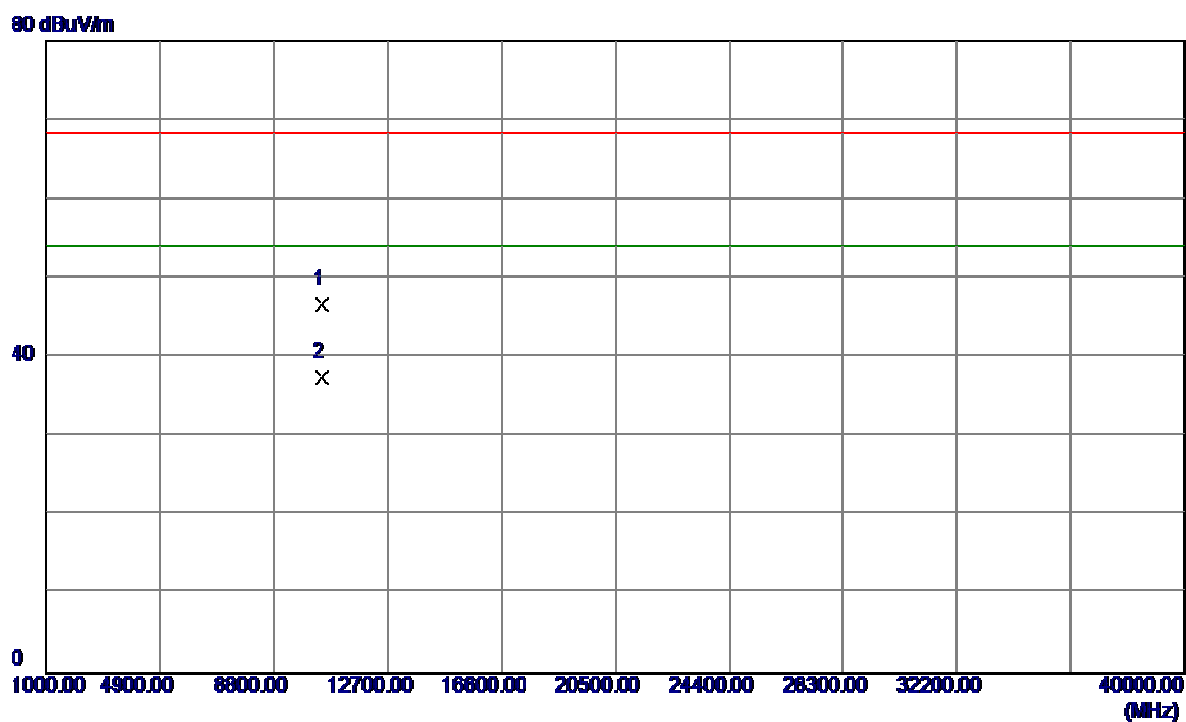
112 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5225.0000	40.79	39.25	80.04	54.00	26.04	AVG	NO LIMIT
2	5236.0000	51.19	39.28	90.47	68.30	22.17	Peak	NO LIMIT

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

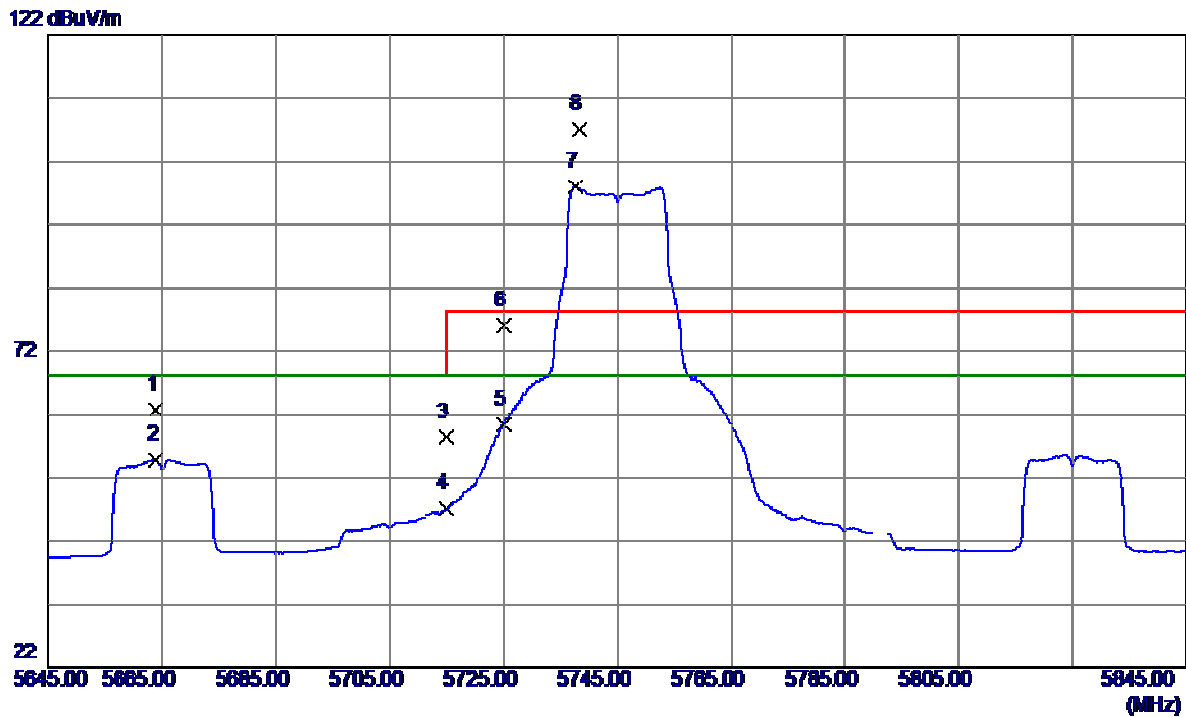
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10460.0000	35.76	10.97	46.73	68.30	-21.57	Peak	
2	10460.0000	26.49	10.97	37.46	54.00	-16.54	AVG	

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

Vertical

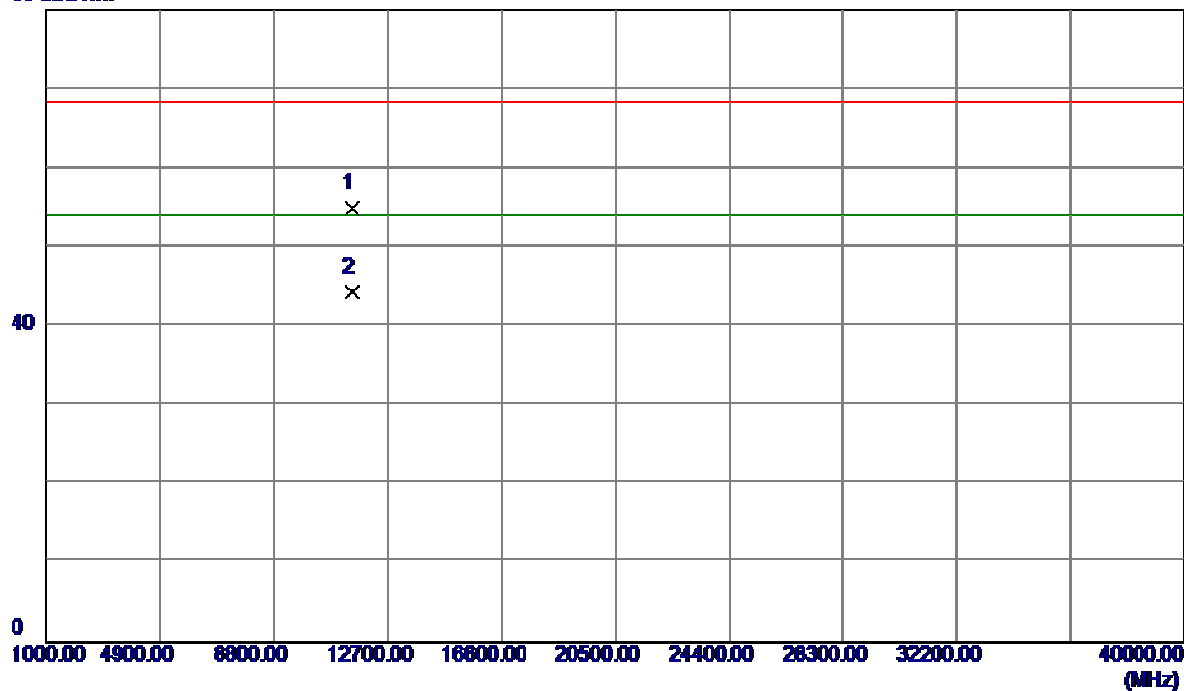


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5664.0000	21.88	40.84	62.72	68.30	-5.58	Peak	
2	5664.0000	14.01	40.84	54.85	68.30	-13.45	AVG	
3	5715.0000	17.34	41.05	58.39	68.30	-9.91	Peak	
4	5715.0000	6.15	41.05	47.20	68.30	-21.10	AVG	
5	5725.0000	19.23	41.10	60.33	78.30	-17.97	Peak	
6	5725.0000	34.98	41.10	76.08	78.30	-2.22	Peak	
7	5737.6000	56.76	41.15	97.91	68.30	29.61	AVG	NO LIMIT
8	5738.4000	65.85	41.15	107.00	78.30	28.70	Peak	NO LIMIT

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

Vertical

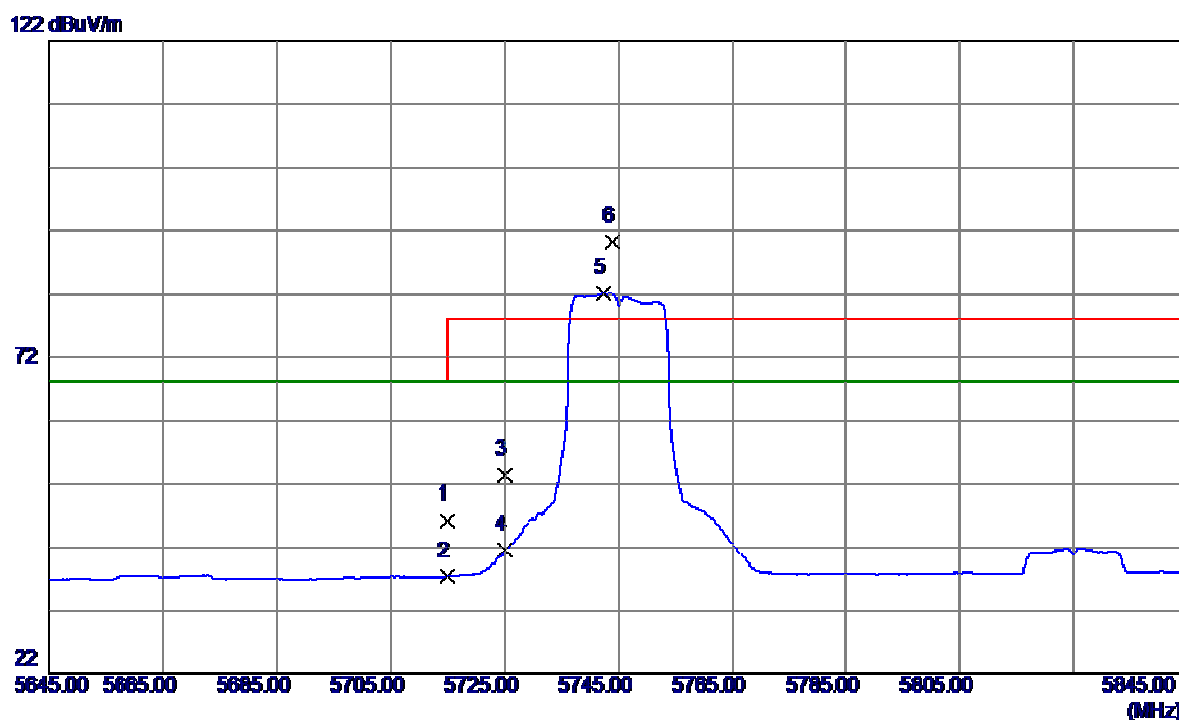
90 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11491.3500	42.04	12.91	54.95	68.30	-13.35	Peak	
2	11491.6000	31.38	12.91	44.29	54.00	-9.71	AVG	

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

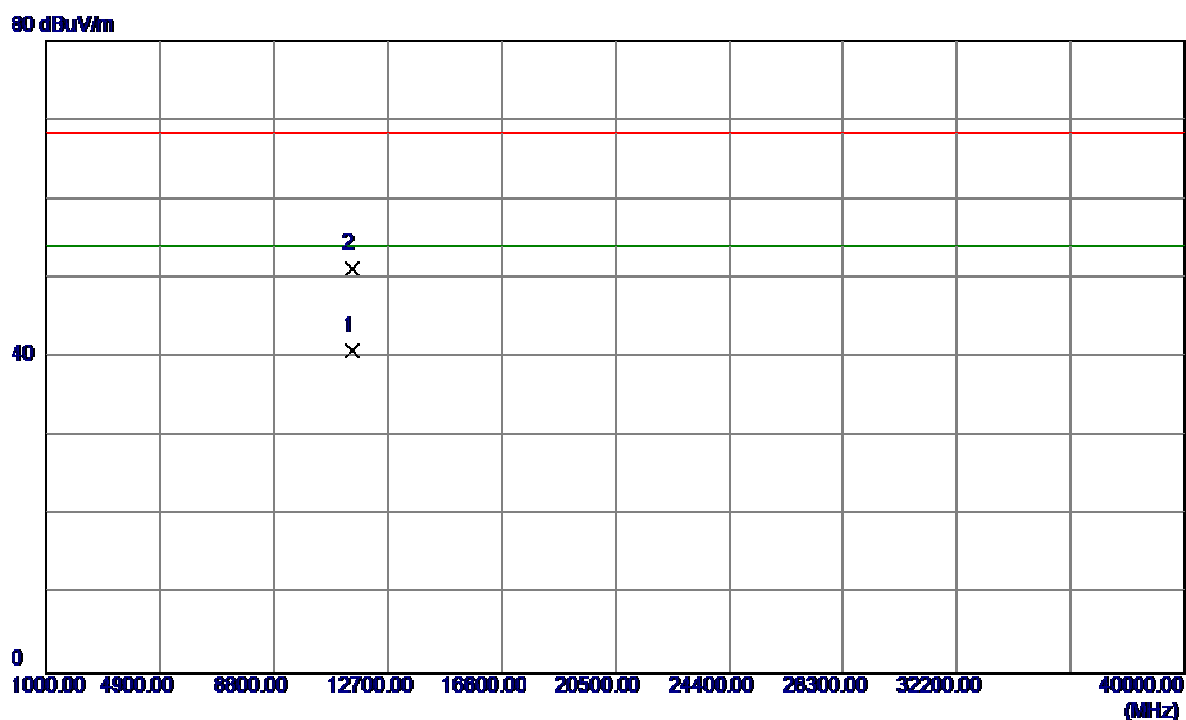
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	5.25	41.05	46.30	68.30	-22.00	Peak	
2	5715.0000	-3.73	41.05	37.32	68.30	-30.98	AVG	
3	5725.0000	12.35	41.10	53.45	78.30	-24.85	Peak	
4	5725.0000	0.52	41.10	41.62	68.30	-26.68	AVG	
5	5742.4000	40.95	41.17	82.12	68.30	13.82	AVG	NO LIMIT
6	5743.8000	49.05	41.17	90.22	78.30	11.92	Peak	NO LIMIT

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

Horizontal

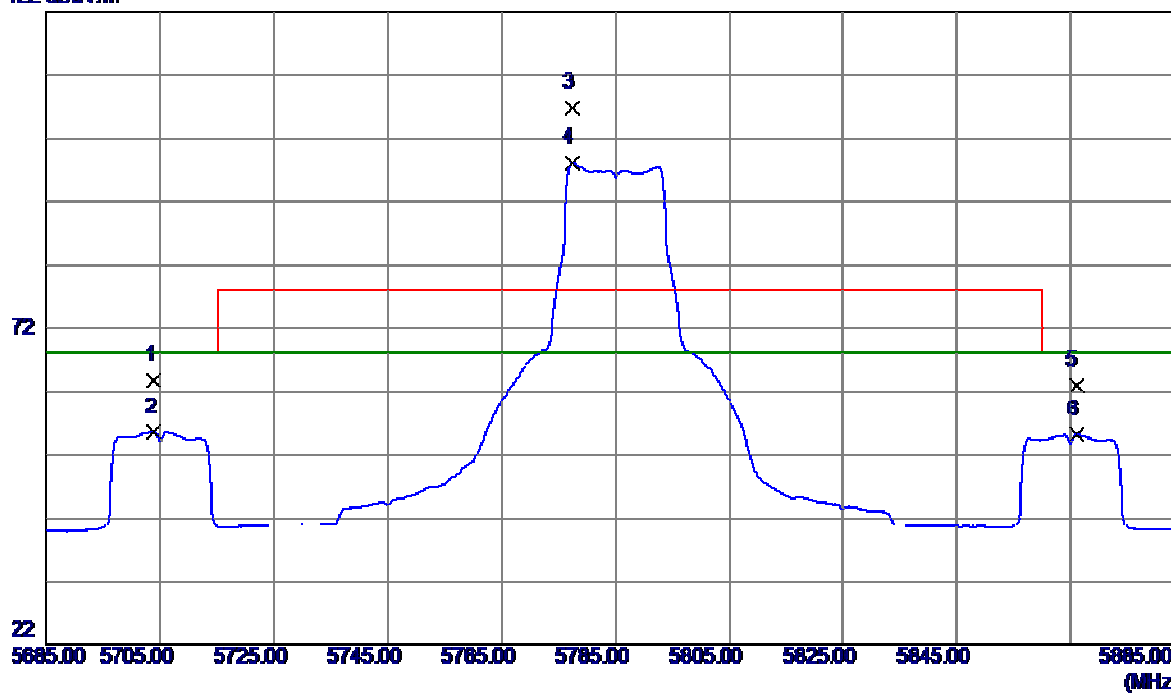


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11486.3500	27.89	12.90	40.79	54.00	-13.21	AVG	
2	11489.4500	38.28	12.91	51.19	68.30	-17.11	Peak	

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

Vertical

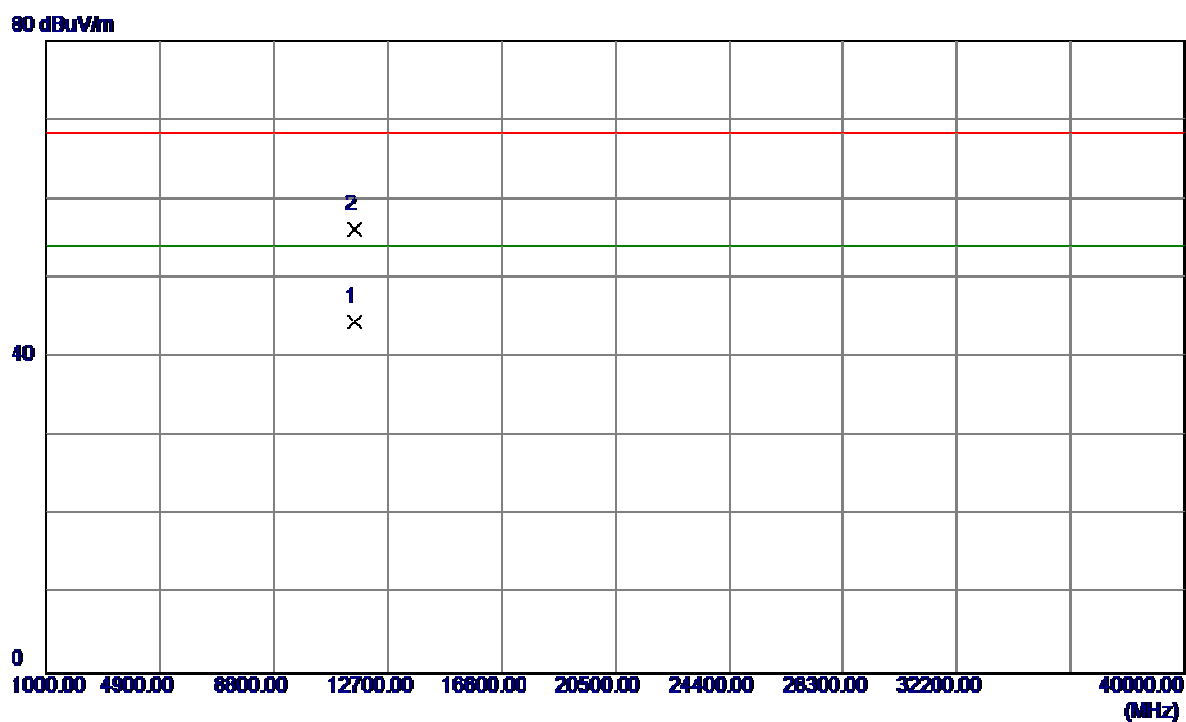
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5704.0000	22.71	41.01	63.72	68.30	-4.58	Peak	
2	5704.0000	14.68	41.01	55.69	68.30	-12.61	AVG	
3	5777.4000	65.53	41.31	106.84	78.30	28.54	Peak	NO LIMIT
4	5777.4000	56.93	41.31	98.24	68.30	29.94	AVG	NO LIMIT
5	5866.0000	21.26	41.68	62.94	68.30	-5.36	Peak	
6	5866.2000	13.49	41.68	55.17	68.30	-13.13	AVG	

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

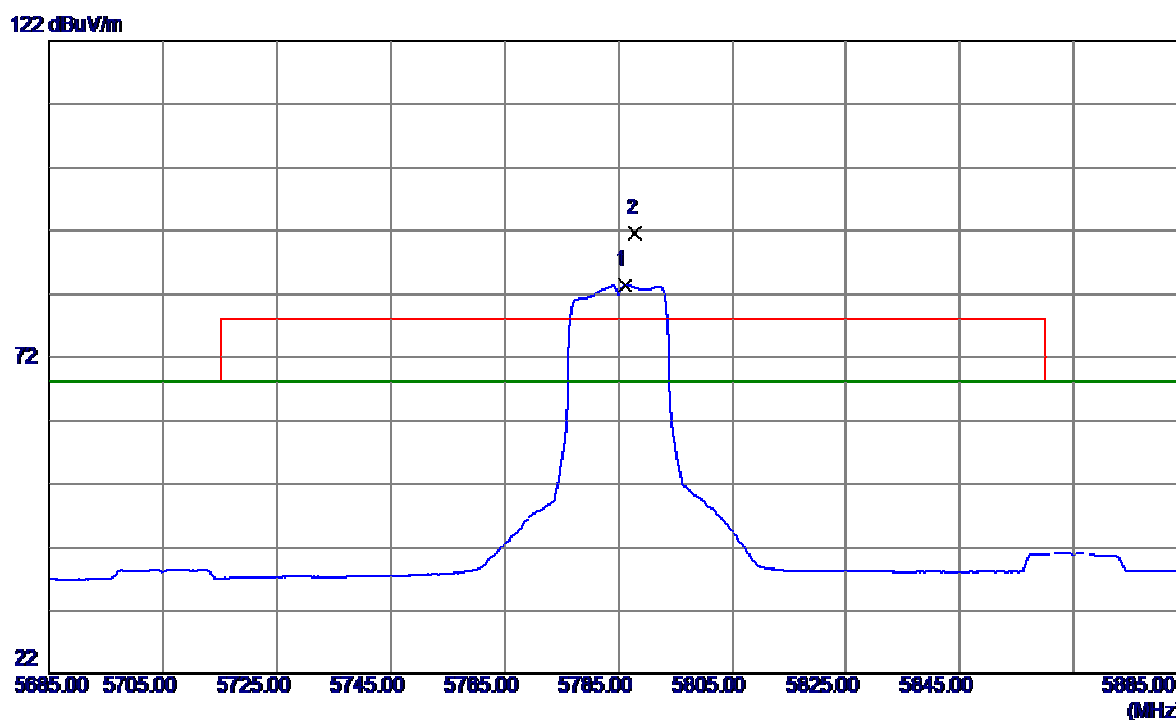
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.9000	31.66	12.89	44.55	54.00	-9.45	AVG	
2	11570.3500	43.32	12.89	56.21	68.30	-12.09	Peak	

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

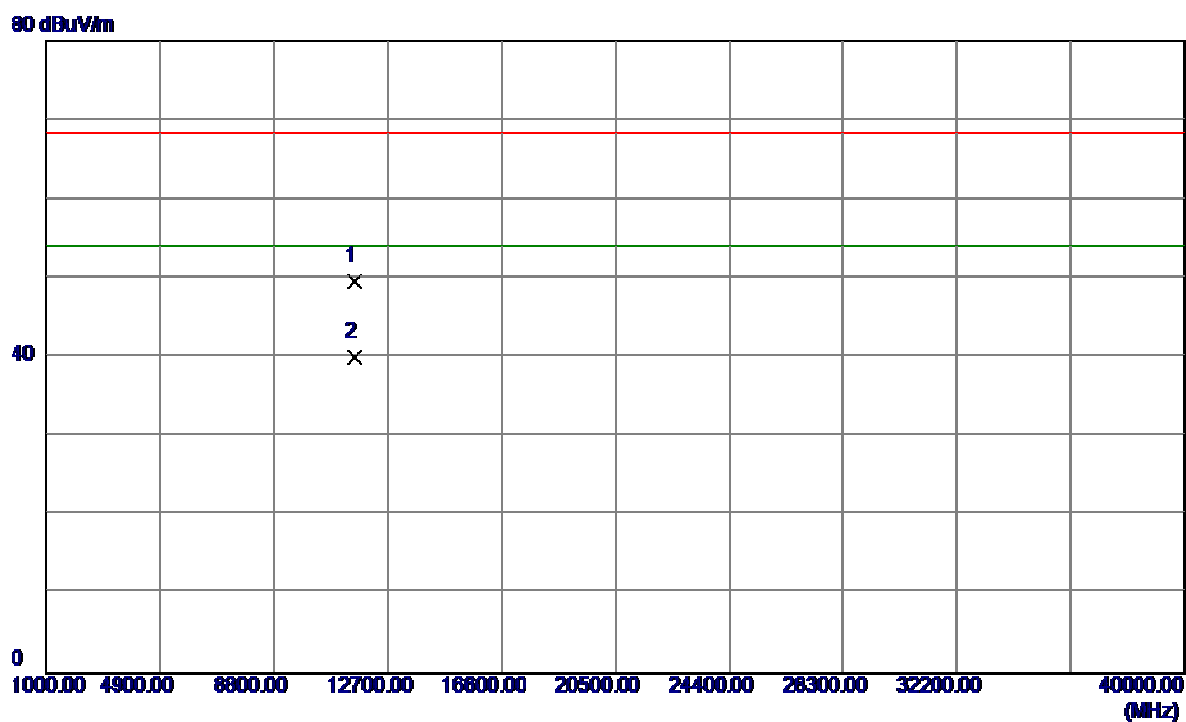
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5786.2000	42.12	41.35	83.47	68.30	15.17	AVG	NO LIMIT
2	5788.0000	50.30	41.36	91.66	78.30	13.36	Peak	NO LIMIT

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

Horizontal

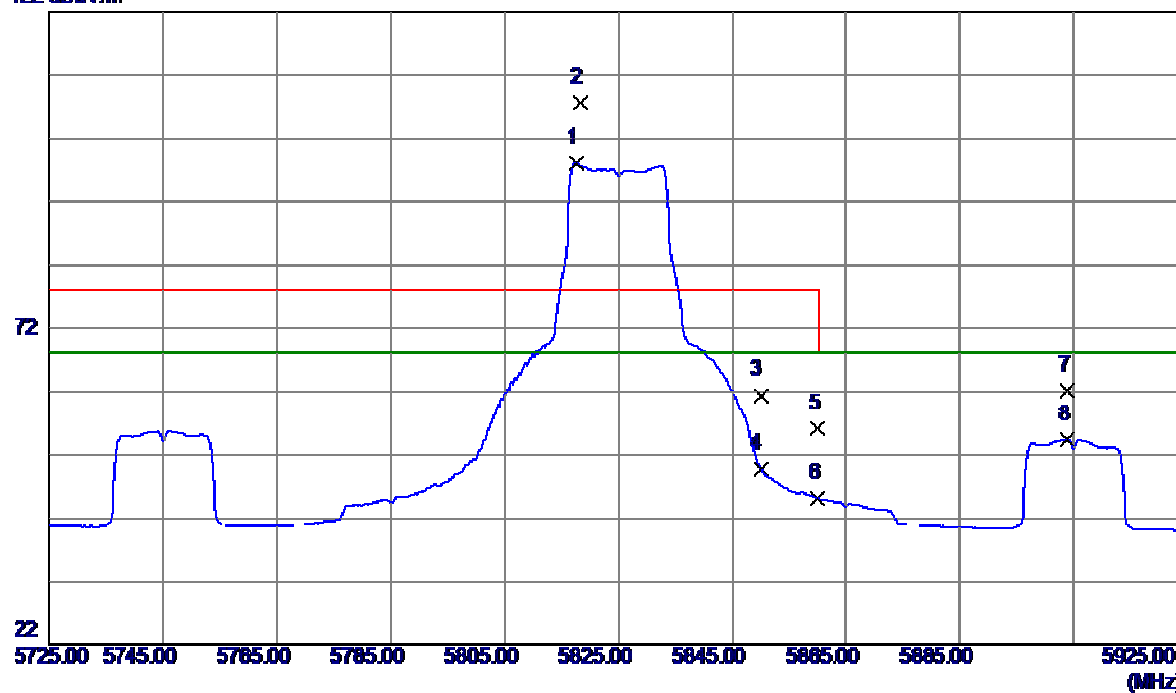


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11571.0000	36.69	12.89	49.58	68.30	-18.72	Peak	
2	11571.3000	27.14	12.89	40.03	54.00	-13.97	AVG	

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

Vertical

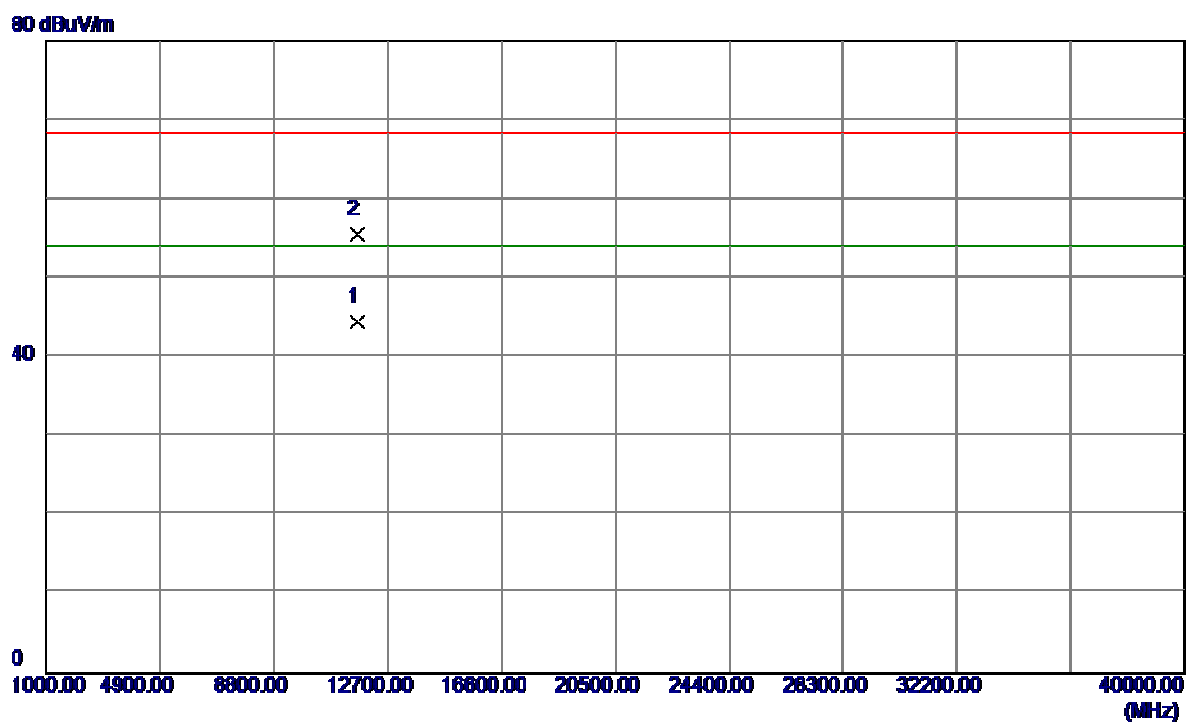
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5817.6000	56.78	41.48	98.26	68.30	29.96	AVG	NO LIMIT
2	5818.4000	66.09	41.48	107.57	78.30	29.27	Peak	NO LIMIT
3	5850.0000	19.88	41.62	61.50	78.30	-16.80	Peak	
4	5850.0000	8.17	41.62	49.79	68.30	-18.51	AVG	
5	5860.0000	14.56	41.66	56.22	78.30	-22.08	Peak	
6	5860.0000	3.47	41.66	45.13	68.30	-23.17	AVG	
7	5904.0000	20.37	41.84	62.21	68.30	-6.09	Peak	
8	5904.0000	12.61	41.84	54.45	68.30	-13.85	AVG	

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

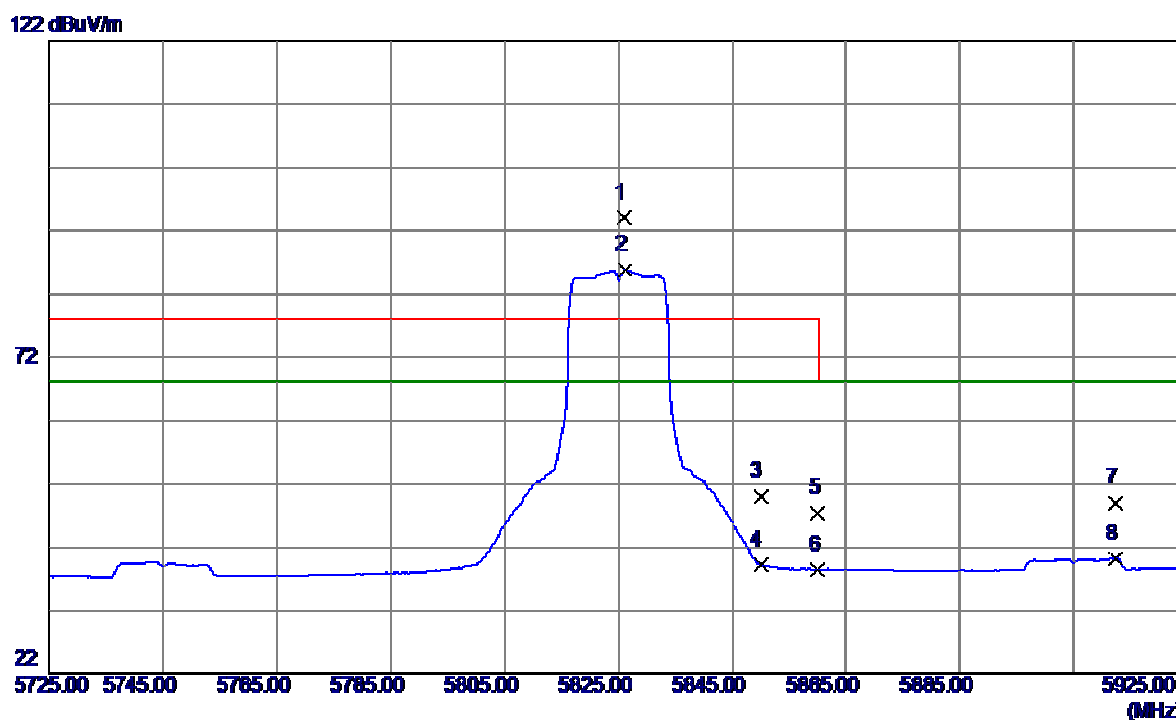
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11646.5000	31.67	12.84	44.51	54.00	-9.49	AVG	
2	11647.4500	42.71	12.84	55.55	68.30	-12.75	Peak	

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

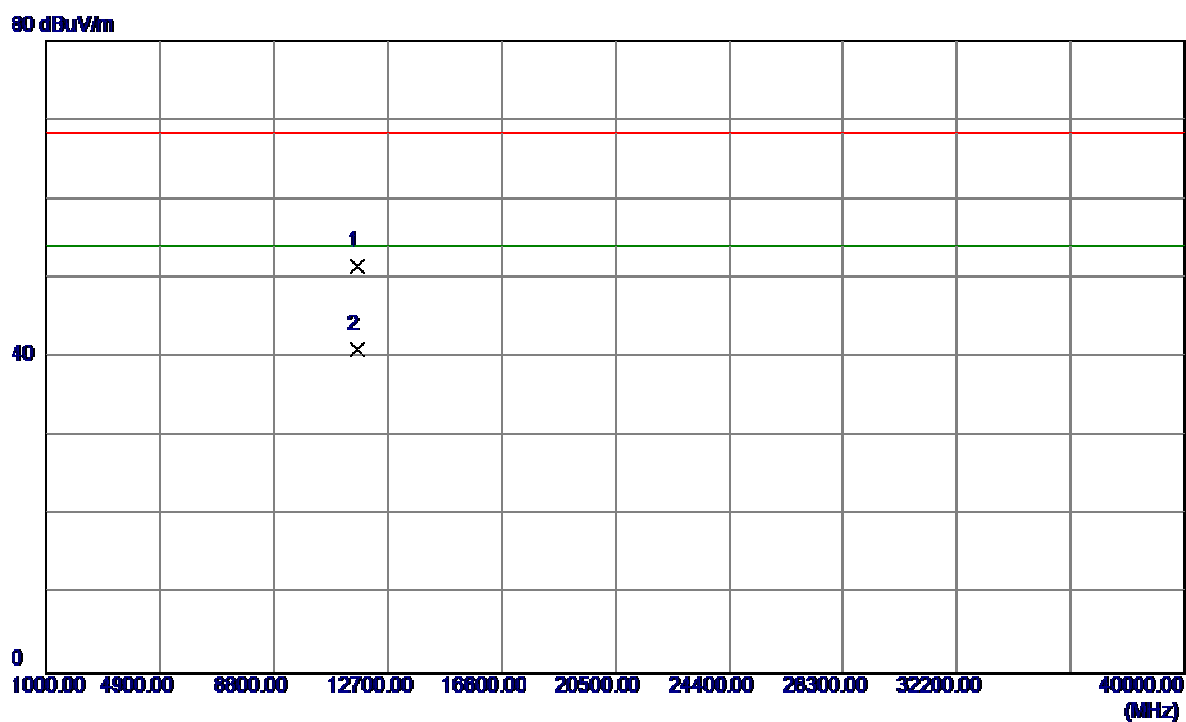
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5825.8000	52.48	41.52	94.00	78.30	15.70	Peak	NO LIMIT
2	5826.2000	44.21	41.52	85.73	68.30	17.43	AVG	NO LIMIT
3	5850.0000	8.33	41.62	49.95	78.30	-28.35	Peak	
4	5850.0000	-2.41	41.62	39.21	68.30	-29.09	AVG	
5	5860.0000	5.75	41.66	47.41	78.30	-30.89	Peak	
6	5860.0000	-3.23	41.66	38.43	68.30	-29.87	AVG	
7	5912.4000	7.20	41.88	49.08	68.30	-19.22	Peak	
8	5912.4000	-1.70	41.88	40.18	68.30	-28.12	AVG	

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

Horizontal

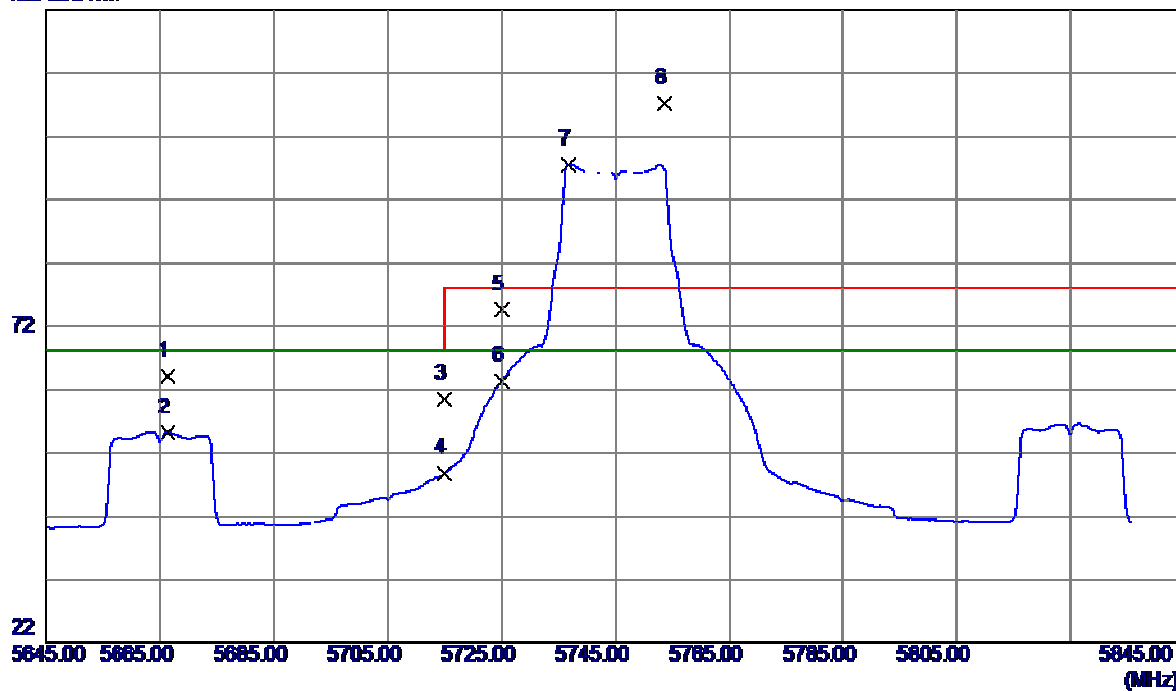


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11650.8500	38.69	12.84	51.53	68.30	-16.77	Peak	
2	11651.4000	28.16	12.84	41.00	54.00	-13.00	AVG	

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

Vertical

122 dBuV/m

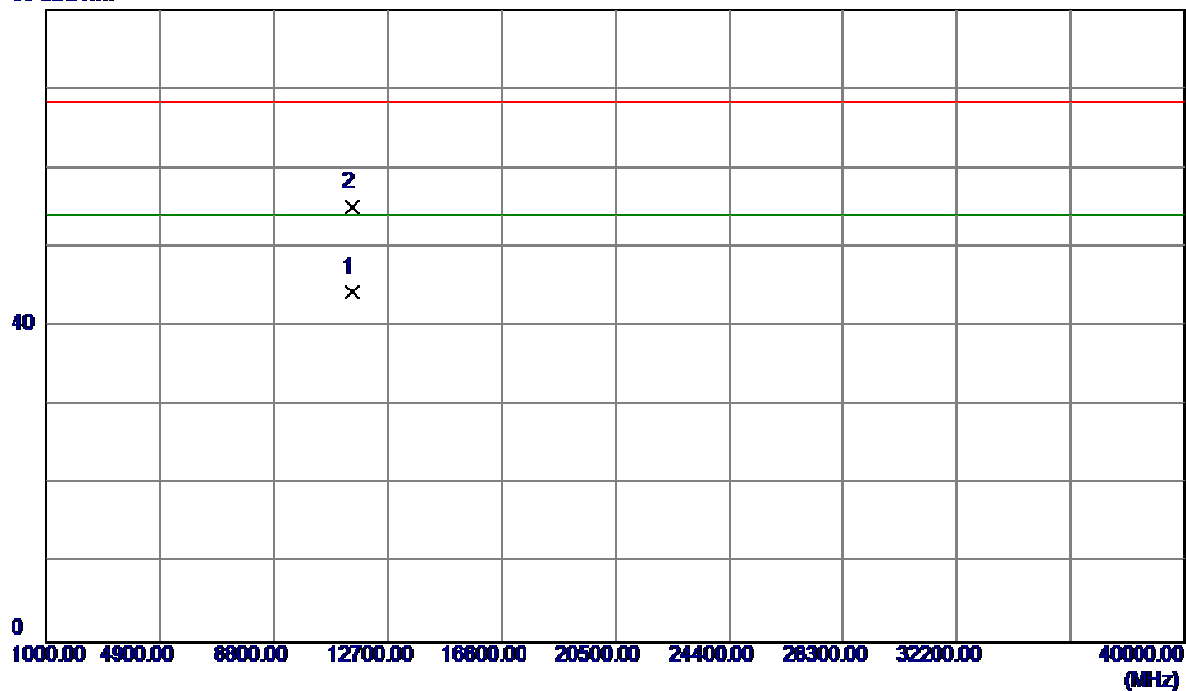


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5666.4000	23.26	40.85	64.11	68.30	-4.19	Peak	
2	5666.4000	14.42	40.85	55.27	68.30	-13.03	AVG	
3	5715.0000	19.55	41.05	60.60	68.30	-7.70	Peak	
4	5715.0000	7.69	41.05	48.74	68.30	-19.56	AVG	
5	5725.0000	33.41	41.10	74.51	78.30	-3.79	Peak	
6	5725.0000	22.34	41.10	63.44	68.30	-4.86	AVG	
7	5736.8000	56.54	41.15	97.69	68.30	29.39	AVG	NO LIMIT
8	5753.6000	65.96	41.21	107.17	78.30	28.87	Peak	NO LIMIT

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

Vertical

90 dBuV/m

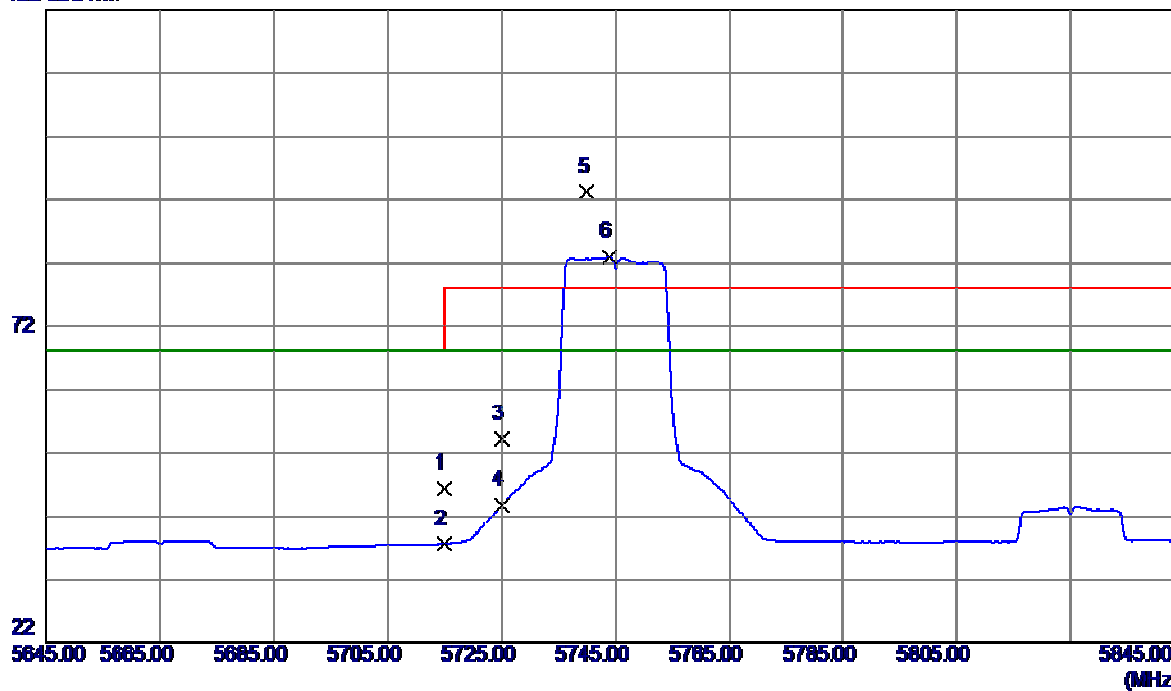


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11488.7000	31.46	12.90	44.36	54.00	-9.64	AVG	
2	11489.7000	42.15	12.91	55.06	68.30	-13.24	Peak	

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

Horizontal

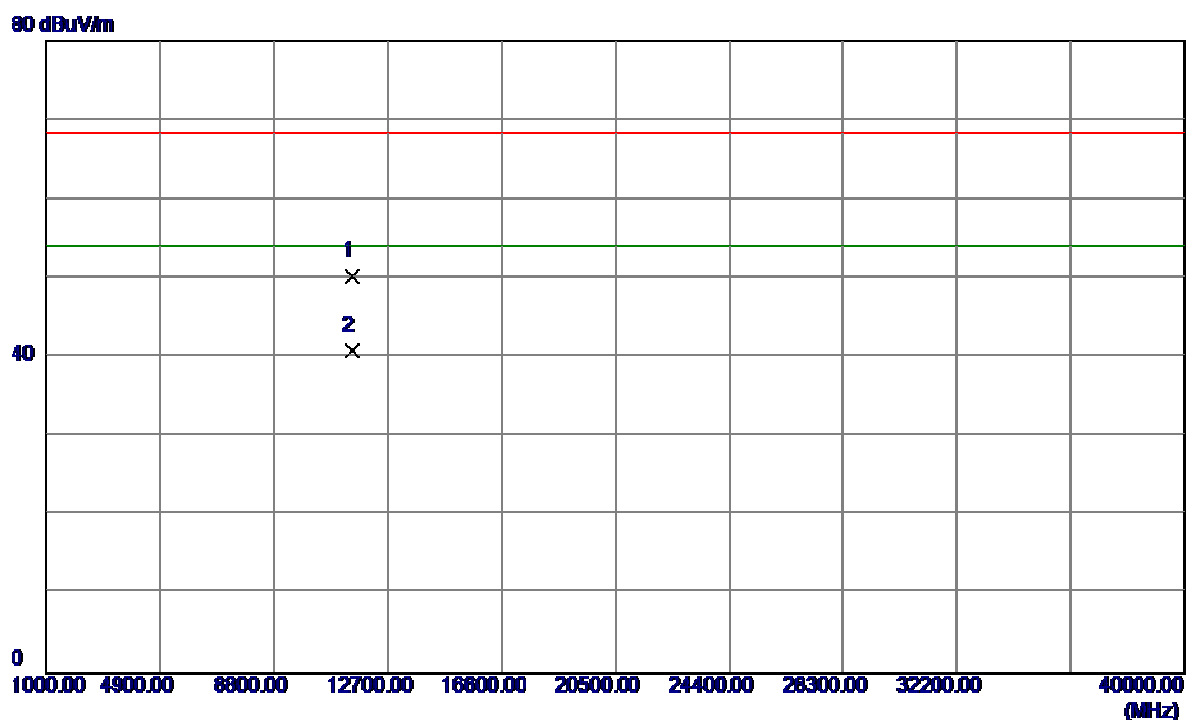
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5715.0000	5.32	41.05	46.37	68.30	-21.93	Peak	
2	5715.0000	-3.51	41.05	37.54	68.30	-30.76	AVG	
3	5725.0000	13.16	41.10	54.26	78.30	-24.04	Peak	
4	5725.0000	2.75	41.10	43.85	68.30	-24.45	AVG	
5	5740.0000	52.04	41.16	93.20	78.30	14.90	Peak	NO LIMIT
6	5743.8000	41.77	41.17	82.94	68.30	14.64	AVG	NO LIMIT

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

Horizontal

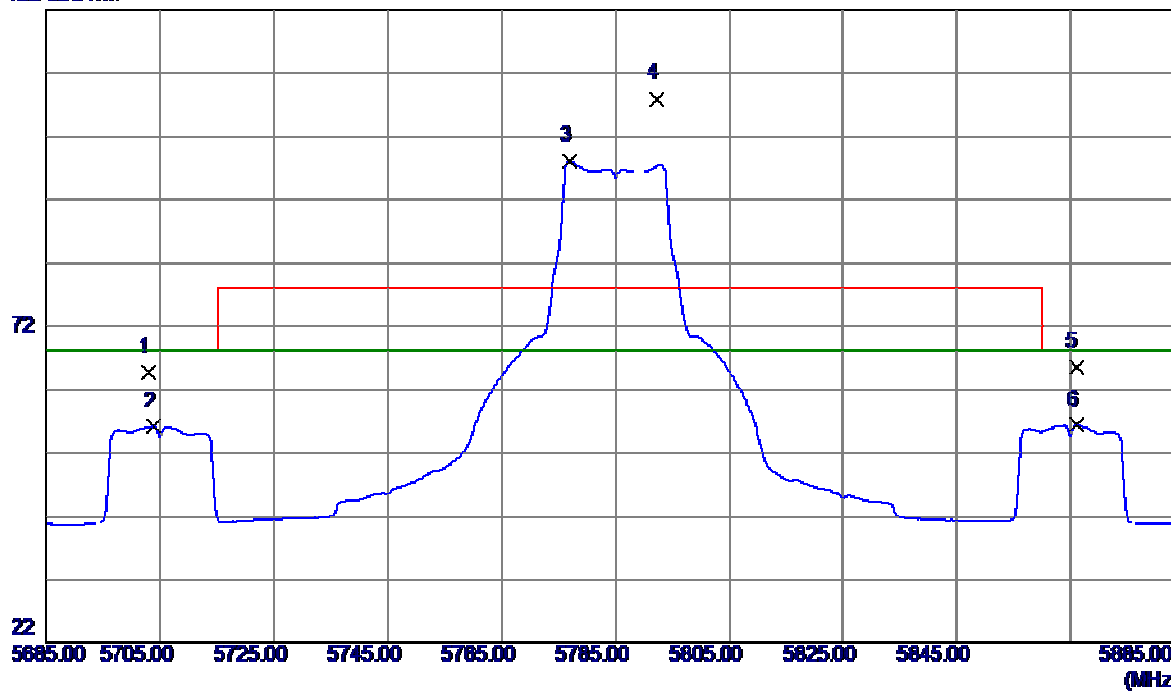


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11489.1500	37.39	12.91	50.30	68.30	-18.00	Peak	
2	11489.1500	27.92	12.91	40.83	54.00	-13.17	AVG	

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

Vertical

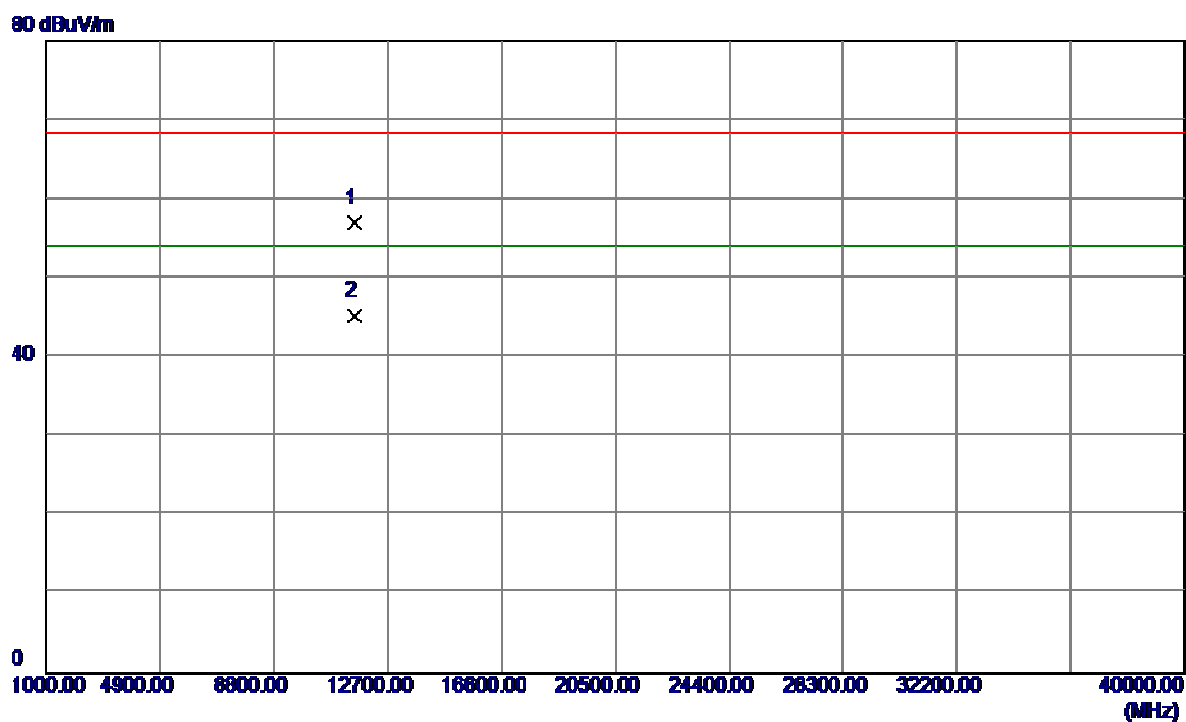
122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5703.0000	23.78	41.00	64.78	68.30	-3.52	Peak	
2	5703.8000	15.12	41.01	56.13	68.30	-12.17	AVG	
3	5777.0000	56.80	41.31	98.11	68.30	29.81	AVG	NO LIMIT
4	5792.4000	66.52	41.38	107.90	78.30	29.60	Peak	NO LIMIT
5	5866.0000	23.90	41.68	65.58	68.30	-2.72	Peak	
6	5866.2000	14.72	41.68	56.40	68.30	-11.90	AVG	

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

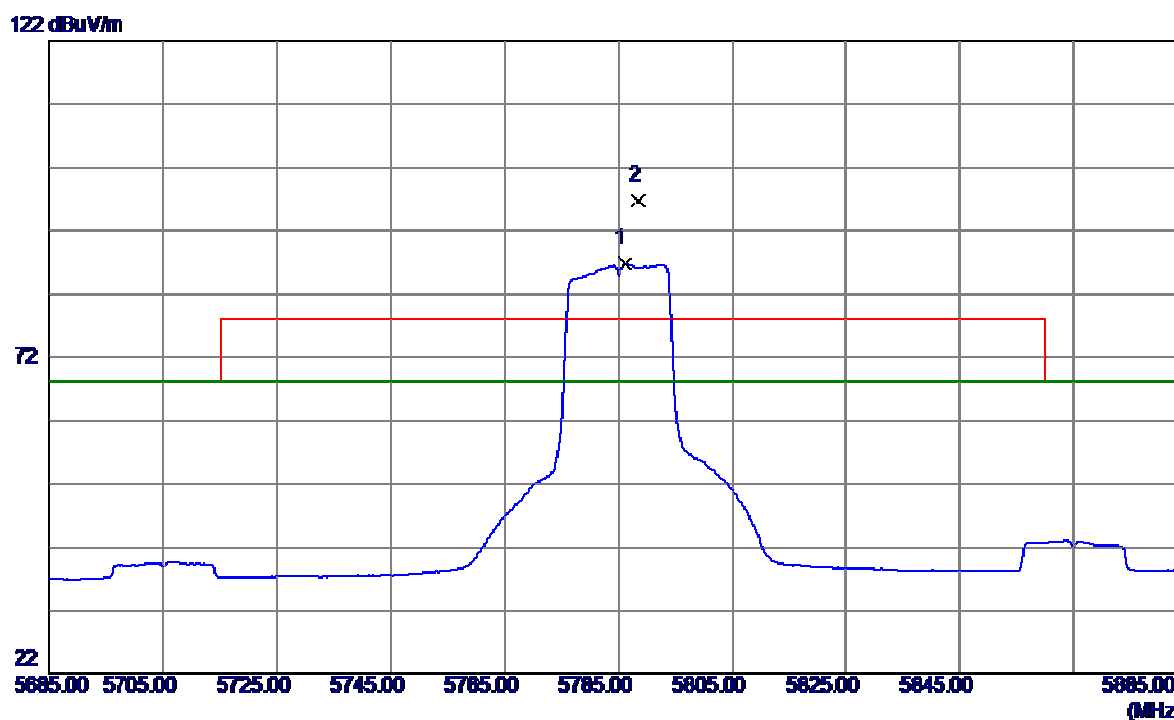
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11568.6000	44.03	12.89	56.92	68.30	-11.38	Peak	
2	11568.9000	32.33	12.89	45.22	54.00	-8.78	AVG	

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

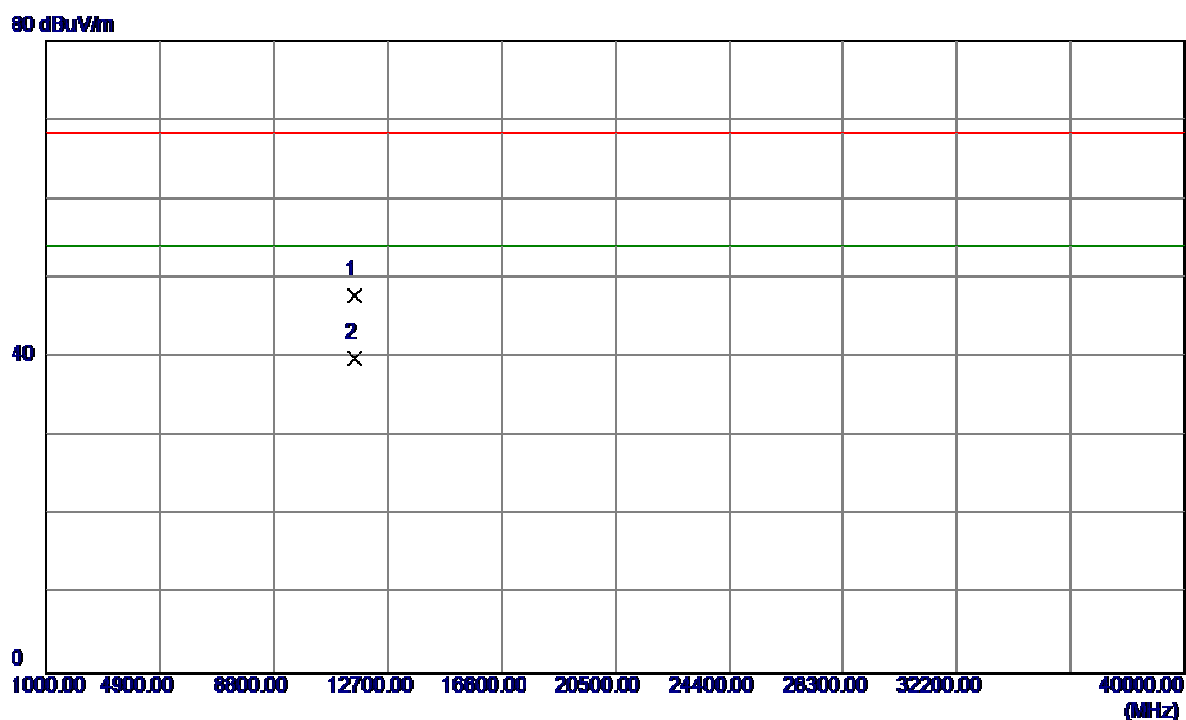
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5786.0000	45.51	41.35	86.86	68.30	18.56	AVG	NO LIMIT
2	5788.6000	55.48	41.36	96.84	78.30	18.54	Peak	NO LIMIT

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

Horizontal

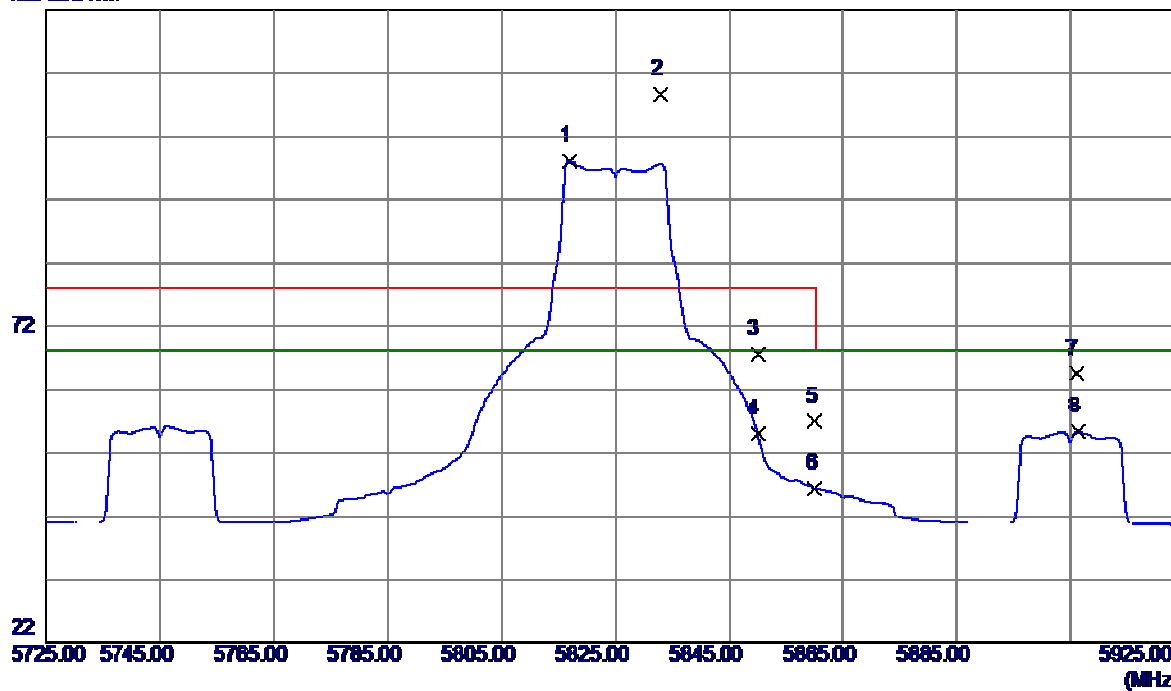


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11569.8000	34.90	12.89	47.79	68.30	-20.51	Peak	
2	11569.8000	26.94	12.89	39.83	54.00	-14.17	AVG	

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

Vertical

122 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5817.0000	56.71	41.48	98.19	68.30	29.89	AVG	NO LIMIT
2	5833.0000	66.98	41.55	108.53	78.30	30.23	Peak	NO LIMIT
3	5850.0000	25.91	41.62	67.53	78.30	-10.77	Peak	
4	5850.0000	13.32	41.62	54.94	68.30	-13.36	AVG	
5	5860.0000	15.28	41.66	56.94	78.30	-21.36	Peak	
6	5860.0000	4.77	41.66	46.43	68.30	-21.87	AVG	
7	5906.0000	22.65	41.85	64.50	68.30	-3.80	Peak	
8	5906.4000	13.46	41.85	55.31	68.30	-12.99	AVG	