FCC Radio Test Report

FCC ID: 2AFG6-RK3288

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

Project No.	:	1509C262
Equipment	:	Android Main Board
Model Name	:	B.RK3288.1
Applicant	:	Guangzhou Shirui Electronics Co.,Ltd
Address	:	192Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, Guangdong, China

Date of Receipt	:	Sep. 21, 2015
Date of Test	:	Sep. 21, 2015 ~ Nov. 17, 2015
Issued Date	:	Nov. 18, 2015
Tested by	:	BTL Inc.

Testing Engineer : Shawn xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

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(Steven Lu)

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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
BTL-FCCP-4-1509C262	Original Issue.	Nov. 17, 2015

1. CERTIFICATION

Equipment	:	Android Main Board
Brand Name	:	seewo
Model Name	:	B.RK3288.1
Applicant	:	Guangzhou Shirui Electronics Co.,Ltd
Manufacturer	:	Guangzhou Shirui Electronics Co.,Ltd
Address	:	192Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, Guangdong, China
Date of Test	:	Sep. 21, 2015 ~ Nov. 17, 2015
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-4-1509C262) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).
Test results included in this report is only for the WIFI 5GHz UNII-1& UNII-3 part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E			
Standard(s) Section FCC	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	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 at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

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

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	2.32

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9KHz~30MHz	V	3.79
		9KHz~30MHz	H	3.57
		30MHz ~ 200MHz	V	3.82
		30MHz ~ 200MHz	H	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Android Main Board	
Brand Name	seewo	
Model Name	B.RK3288.1	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	433.3Mbps
	Output Power (Max.)for UNII-1 (1TX)	802.11a: 10.33dBm 802.11n (20M): 10.69dBm 802.11n (40M): 9.22dBm 802.11ac (20M): 11.07dBm 802.11ac (40M): 9.52dBm 802.11ac (80M): 10.94dBm
	Output Power (Max.)for UNII-3 (1TX)	802.11a: 10.68dBm 802.11n (20M): 11.56dBm 802.11n (40M): 10.48dBm 802.11ac (20M): 11.99dBm 802.11ac (40M): 10.71dBm 802.11ac (80M): 13.20dBm
Power Source	Supplied from system.	
Power Rating	I/P:12V~20V 1500mA	

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.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	3.87

3.2 DESCRIPTION OF TEST MODES

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

Pretest Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX 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:
(1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

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

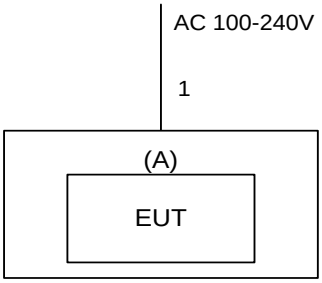
UNII-1 - 1TX			
Test Software Version	RFTEST TOOL		
Frequency (MHz)	5180	5200	5240
A Mode	N/A	N/A	N/A
Frequency (MHz)	5180	5200	5240
N20 Mode	N/A	N/A	N/A
Frequency (MHz)	5190	5230	
N40 Mode	N/A	N/A	

UNII-3 - 1TX			
Test Software Version	RFTEST TOOL		
Frequency (MHz)	5745	5785	5825
A Mode	N/A	N/A	N/A
Frequency (MHz)	5745	5785	5825
N20 Mode	N/A	N/A	N/A
Frequency (MHz)	5755	5795	
N40 Mode	N/A	N/A	

UNII-1 - 1TX			
Test Software Version	RFTEST TOOL		
Frequency (MHz)	5180	5200	5240
AC20 Mode	N/A	N/A	N/A
Frequency (MHz)	5190	5230	
AC40 Mode	N/A	N/A	
Frequency (MHz)	5210		
AC80 Mode	N/A		

UNII-3 - 1TX			
Test Software Version	RFTEST TOOL		
Frequency (MHz)	5745	5785	5825
AC20 Mode	N/A	N/A	N/A
Frequency (MHz)	5755	5795	
AC40 Mode	N/A	N/A	
Frequency (MHz)	5775		
AC80 Mode	N/A		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Android Module	seewo	SA02	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	AC Main 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.

(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 ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

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

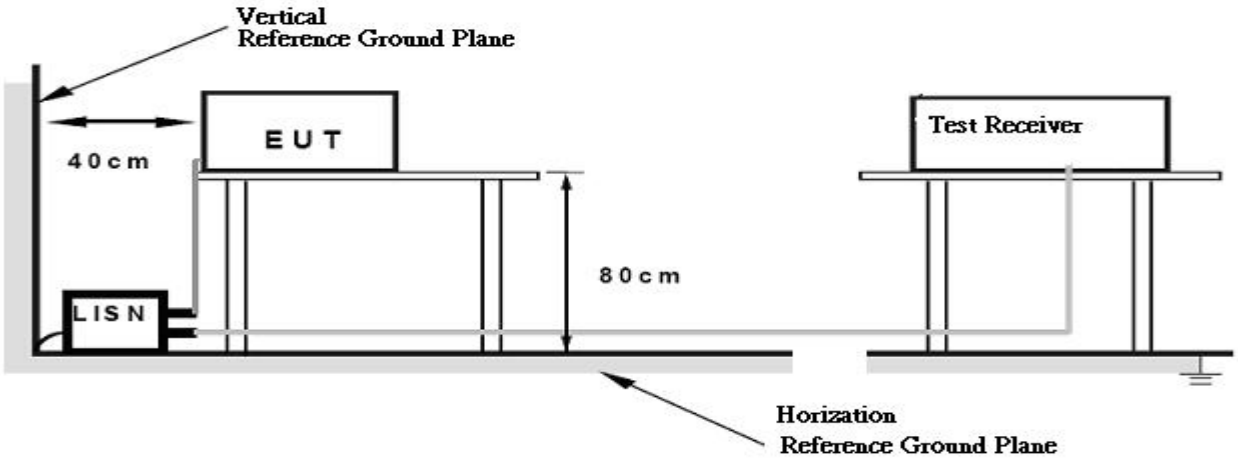
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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.

(3) The test result calculated as following:
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 band edge)	68.3
	-17 (within 10 MHz of band edge)	78.3

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

4.2.2 TEST PROCEDURE

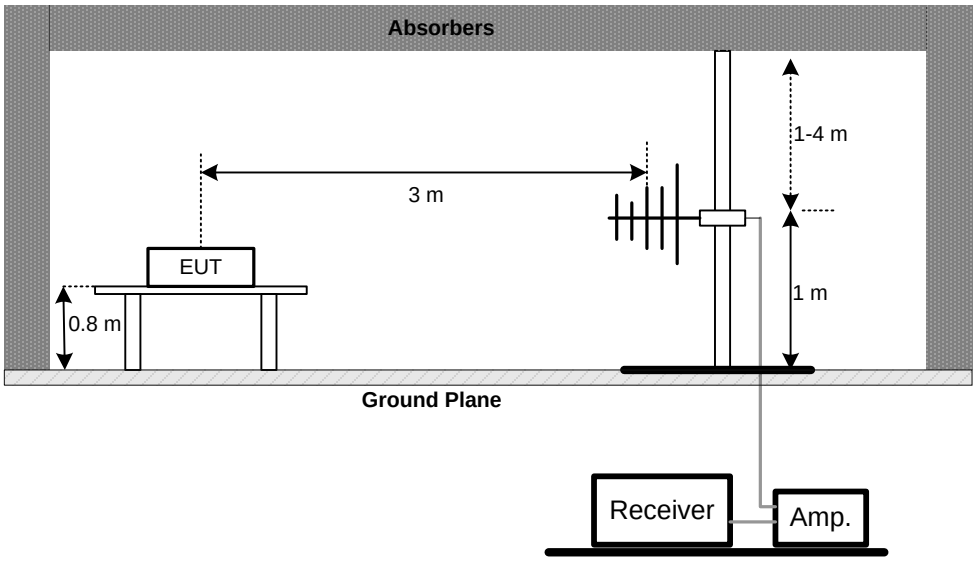
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

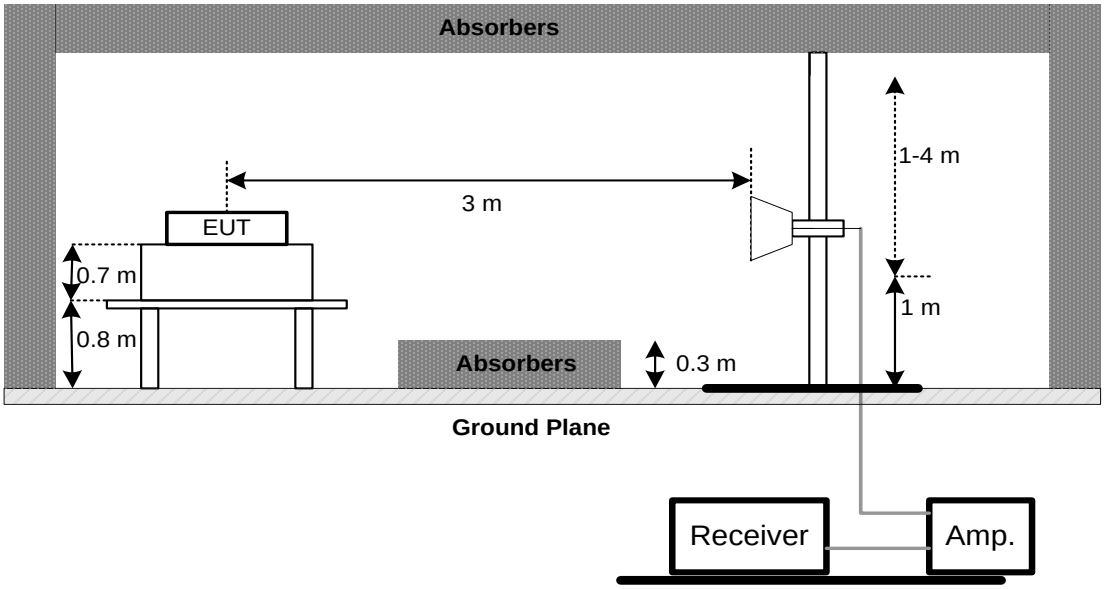
No deviation

4.2.4 TEST SETUP

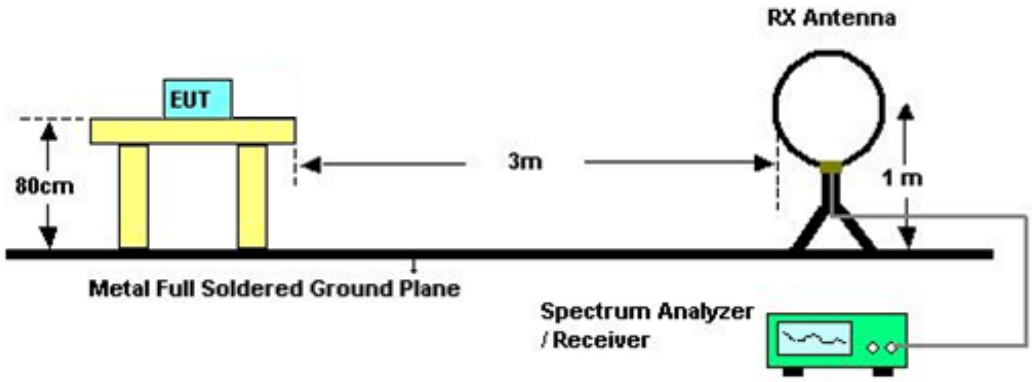
(A) Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

(1) Measuring frequency range from 30MHz to 1000MHz ◦
(2) 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) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
(2) 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.
(3) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
(4) EUT Orthogonal Axes:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand
(5) 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.
(6) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

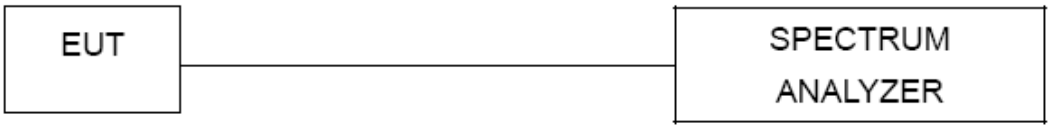
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

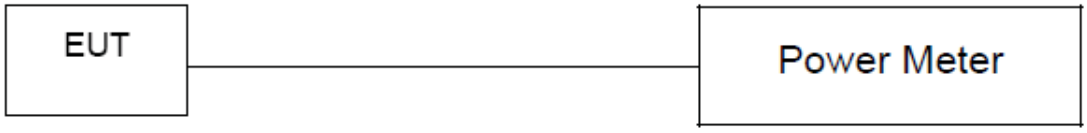
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27dBm/MHz	5150-5250	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27dBm/MHz beyond 10MHz of the band edge	5725-5850	PASS

7.1.1 TEST PROCEDURE

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

b.

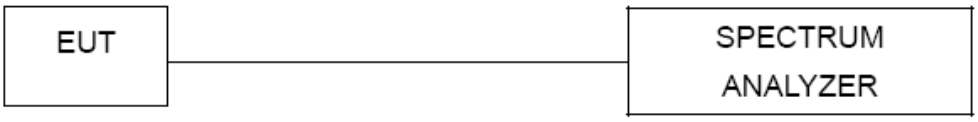
Spectrum Parameter	Setting
Attenuation	Auto
RBW	1000kHz
VBW	1000kHz
Trace	Max Hold
Sweep Time	Auto

c. Offset=antenna gain+cable loss

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: 28°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

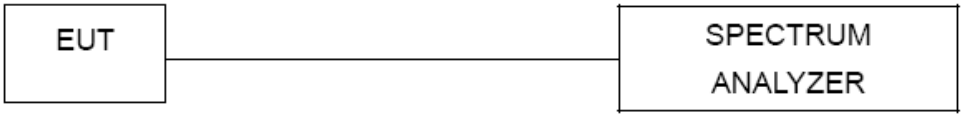
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 EUT OPERATION CONDITIONS

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

8.1.4 EUT TEST CONDITIONS

Temperature: 28°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

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

9.1.1 TEST PROCEDURE

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

b.

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

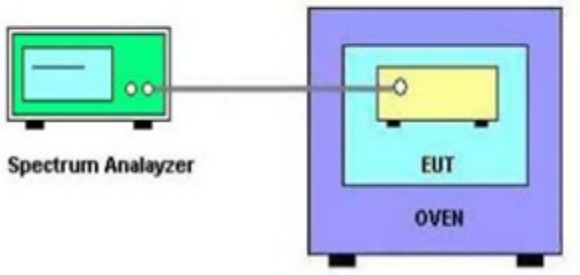
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -20°C~55°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 EUT OPERATION CONDITIONS

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

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	699837	0052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 13, 2016
4	EMI Test Receiver	R&S	ESCS30	826547/022	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 28, 2016
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. 28, 2016
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 28, 2016
5	Controller	CT	SC100	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	Antenna	ETS	3115	00075789	Mar. 28, 2016
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 28, 2016
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Mar. 28, 2016
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 28, 2016
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 07, 2016

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

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. 28, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 28, 2016

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Const Temp. & Humidity Chamber	Giant Force	ITH-225-20-S	IAB0309-001	Dec.12, 2015

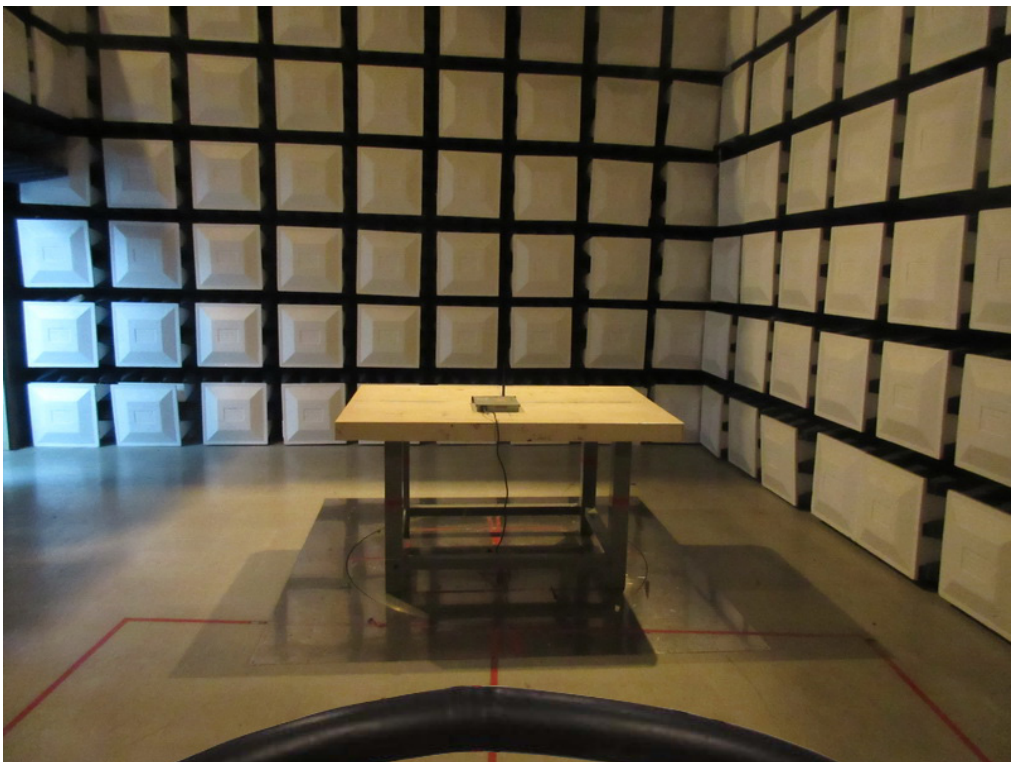
Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

10.1. EUT TEST PHOTOS

Conducted Measurement Photos

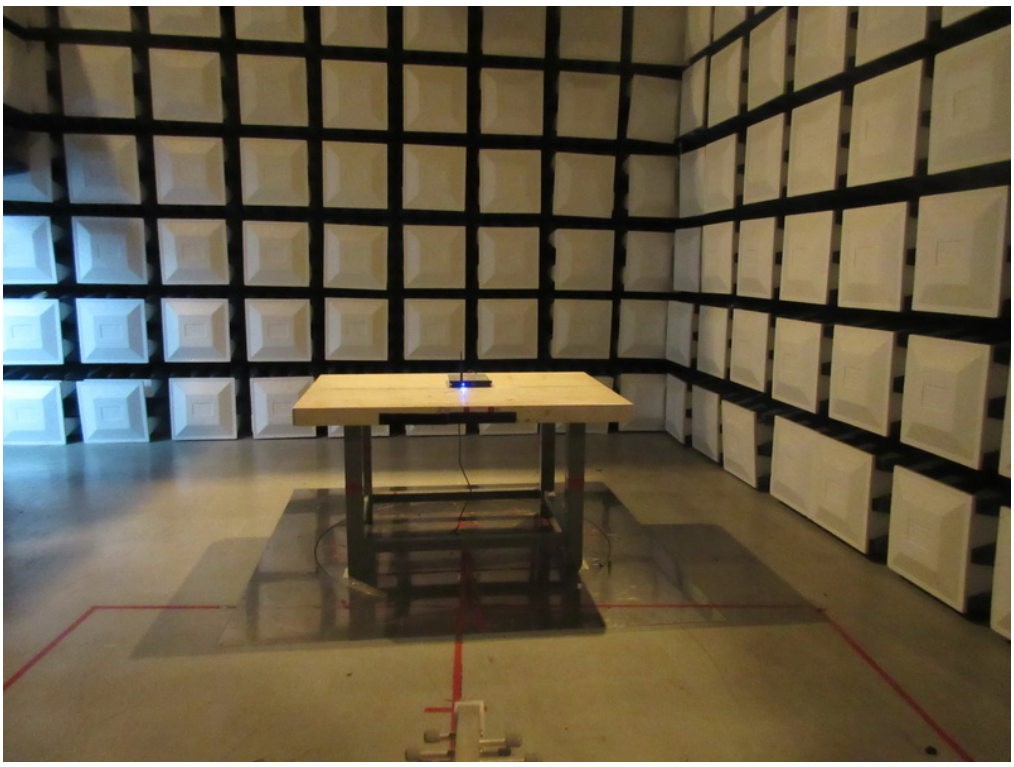
Radiated Measurement Photos

9KHz to 30MHz



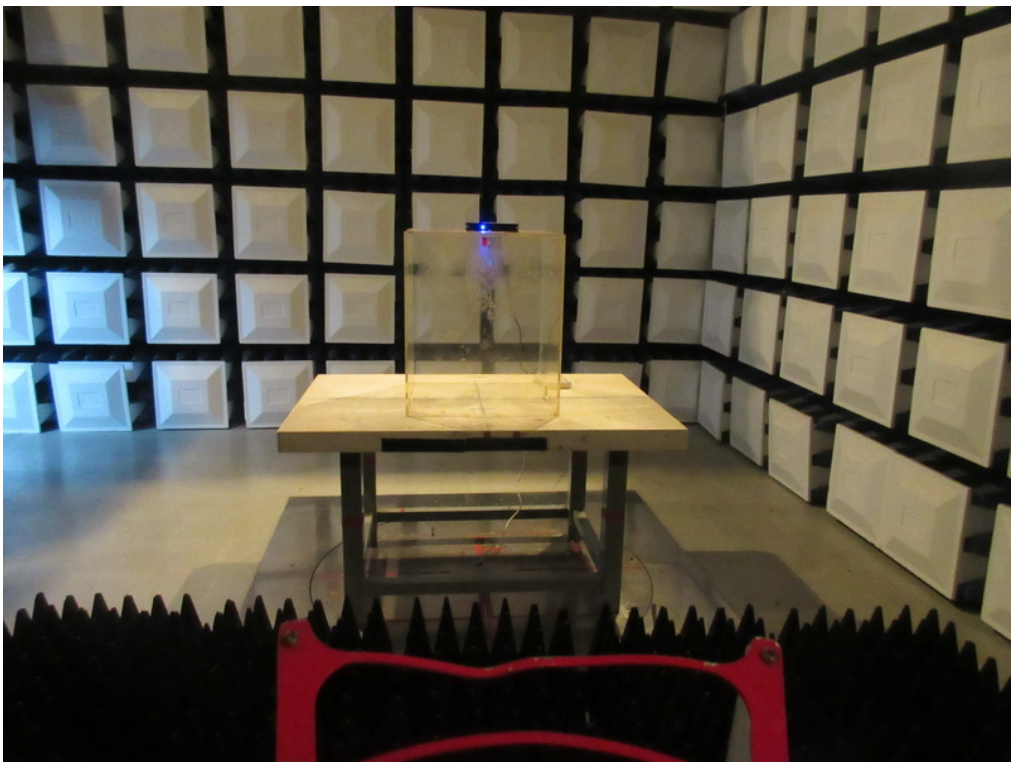
Radiated Measurement Photos

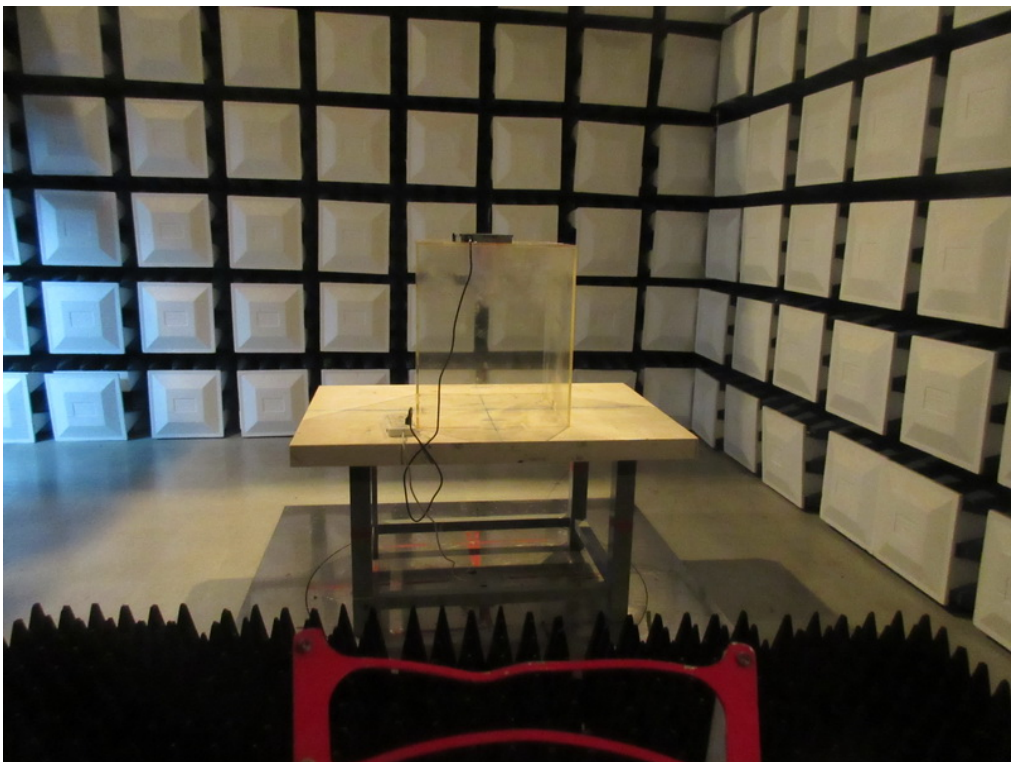
30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz

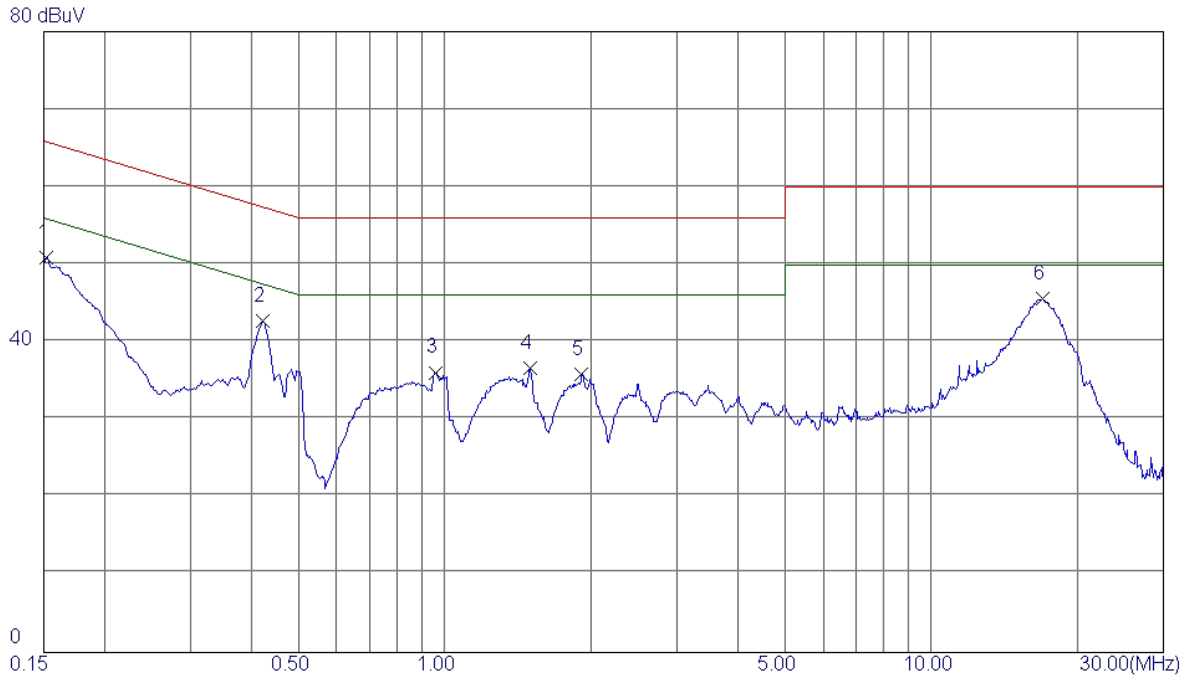




ATTACHMENT A - CONDUCTED EMISSION

Test Mode:	TX MODE

Line

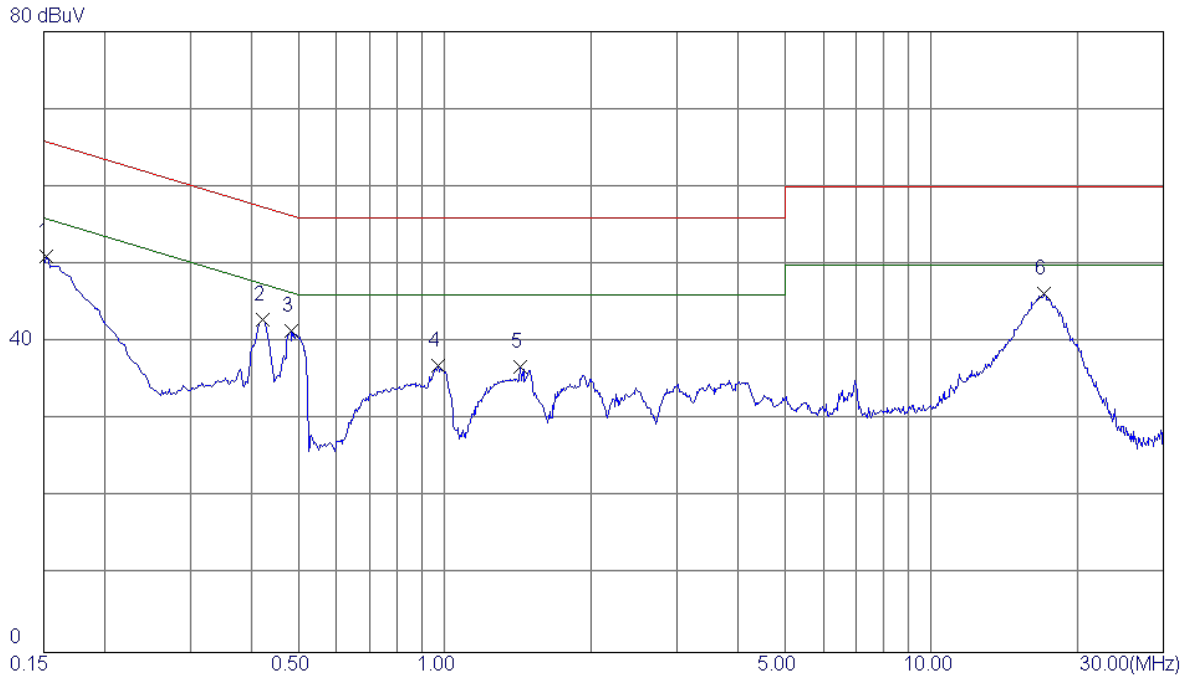


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1522	41.25	9.68	50.93	65.88	-14.95	Peak	
2	0.4222	32.84	9.81	42.65	57.40	-14.75	Peak	
3	0.9577	26.11	9.97	36.08	56.00	-19.92	Peak	
4	1.4955	26.70	9.92	36.62	56.00	-19.38	Peak	
5	1.9095	25.92	9.87	35.79	56.00	-20.21	Peak	
6	16.9238	35.28	10.32	45.60	60.00	-14.40	Peak	

Note：The test result has included the cable loss.

Test Mode:	TX MODE

Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1522	41.38	9.60	50.98	65.88	-14.90	Peak	
2	0.4222	33.20	9.63	42.83	57.40	-14.57	Peak	
3	0.4830	31.79	9.65	41.44	56.29	-14.85	Peak	
4	0.9690	27.13	9.78	36.91	56.00	-19.09	Peak	
5	1.4303	27.02	9.82	36.84	56.00	-19.16	Peak	
6	17.0633	35.96	10.27	46.23	60.00	-13.77	Peak	

Note：The test result has included the cable loss.

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

Test Mode:	TX MODE

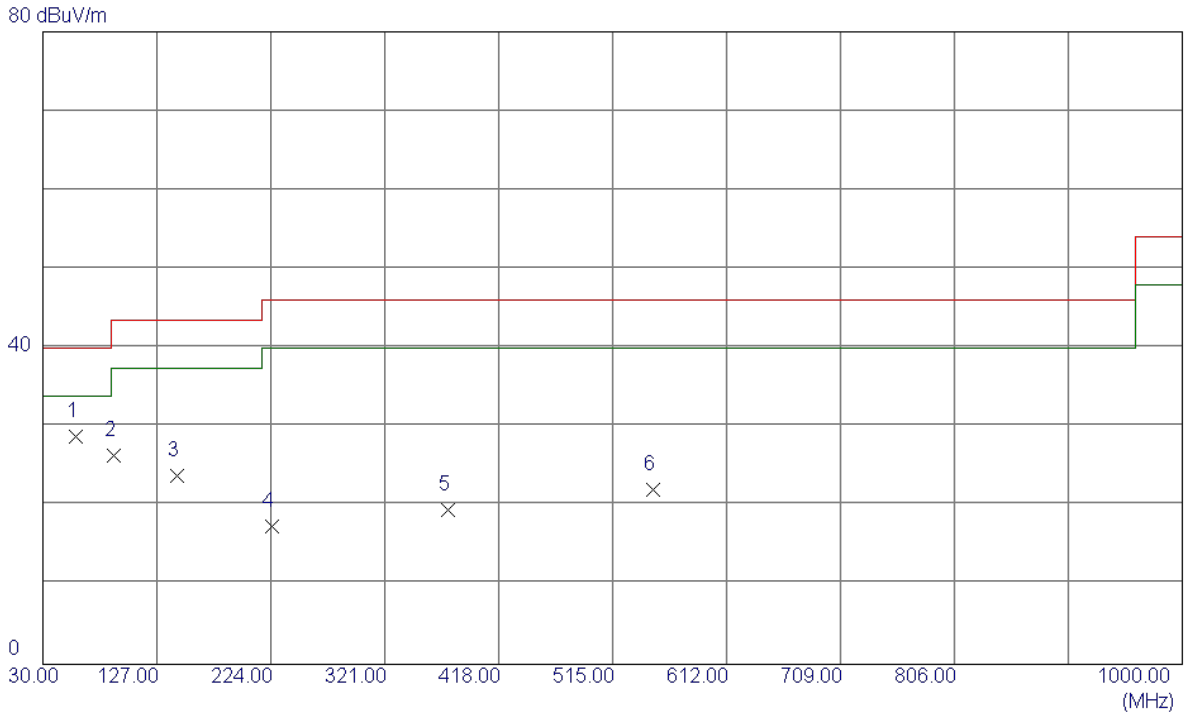
Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0133	0°	13.46	24.7243	38.1843	125.1272	-86.9429	AVG
0.0133	0°	14.73	24.7243	39.4543	145.1272	-105.6729	PEAK
0.0287	0°	6.87	23.7490	30.6190	118.4466	-87.8276	AVG
0.0287	0°	8.64	23.7490	32.3890	138.4466	-106.0576	PEAK
0.0369	0°	3.27	23.2297	26.4997	116.2637	-89.7640	AVG
0.0369	0°	5.86	23.2297	29.0897	136.2637	-107.1740	PEAK
0.0582	0°	1.37	22.2360	23.6060	112.3058	-88.6998	AVG
0.0582	0°	2.83	22.2360	25.0660	132.3058	-107.2398	PEAK
0.5201	0°	19.63	19.8643	39.4943	73.2825	-33.7882	QP
1.9531	0°	24.42	19.5047	43.9247	69.5400	-25.6153	QP

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0142	90°	13.33	24.3000	37.6300	124.5585	-86.9285	AVG
0.0142	90°	15.04	24.3000	39.3400	144.5585	-105.2185	PEAK
0.0293	90°	7.34	23.7110	31.0510	118.2669	-87.2159	AVG
0.0293	90°	9.12	23.7110	32.8310	138.2669	-105.4359	PEAK
0.0461	90°	5.27	22.6470	27.9170	114.3302	-86.4132	AVG
0.0461	90°	6.37	22.6470	29.0170	134.3302	-105.3132	PEAK
0.0583	90°	1.83	22.2340	24.0640	112.2909	-88.2269	AVG
0.0583	90°	2.79	22.2340	25.0240	132.2909	-107.2669	PEAK
0.6207	90°	22.34	20.1862	42.5262	71.7466	-29.2203	QP
2.0534	90°	24.25	19.4680	43.7180	69.5400	-25.8220	QP

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

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

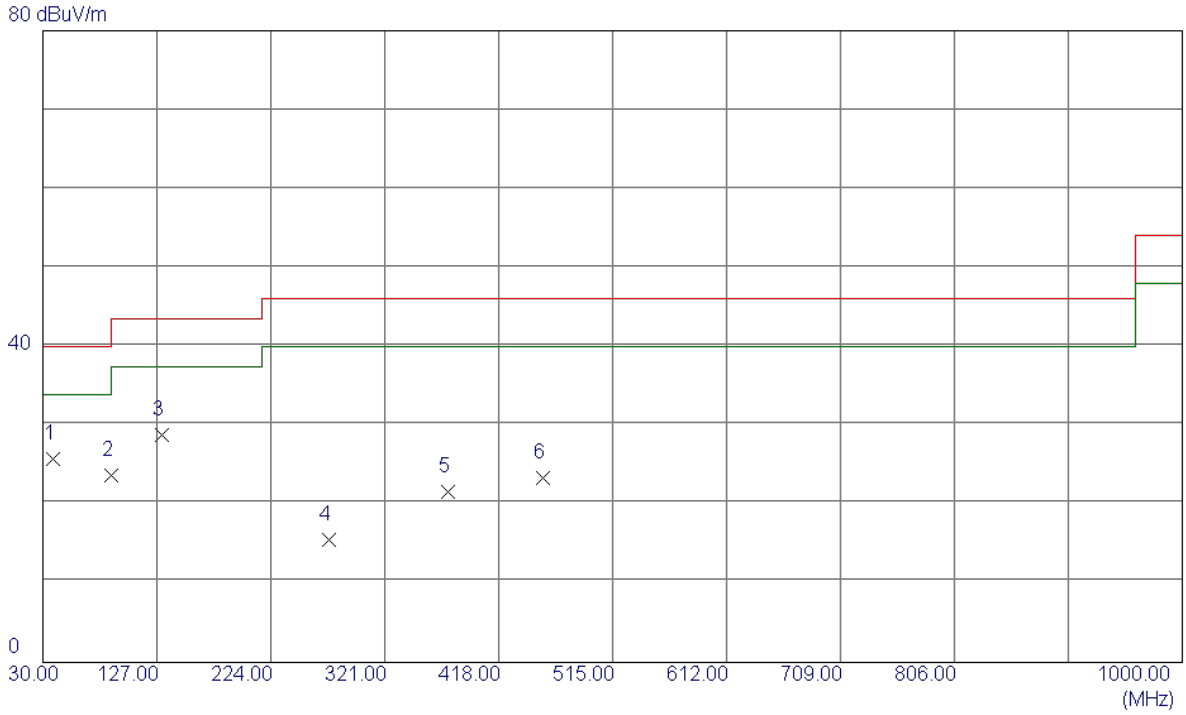
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	58.1300	42.80	-13.99	28.81	40.00	-11.19	Peak	
2	90.1400	43.20	-16.85	26.35	43.50	-17.15	Peak	
3	144.4600	37.40	-13.60	23.80	43.50	-19.70	Peak	
4	224.9700	31.80	-14.32	17.48	46.00	-28.52	Peak	
5	375.3200	29.88	-10.32	19.56	46.00	-26.44	Peak	
6	549.9200	27.23	-5.15	22.08	46.00	-23.92	Peak	

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

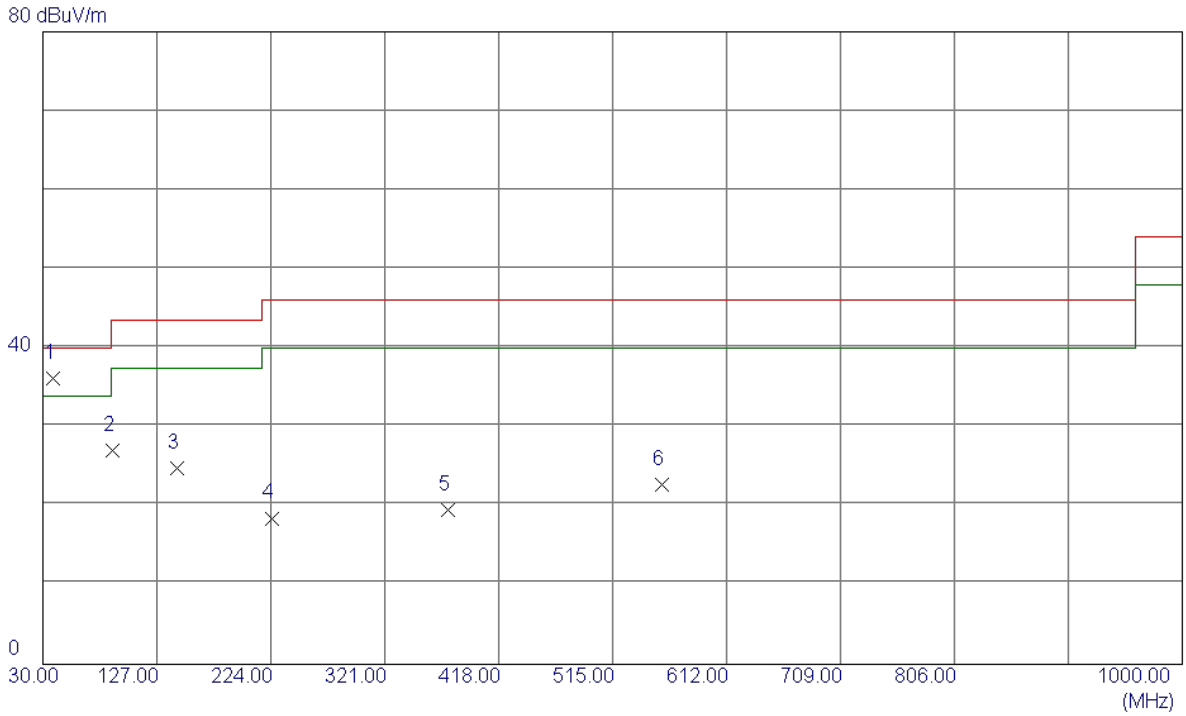
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	39.81	-14.09	25.72	40.00	-14.28	Peak	
2	88.2000	40.46	-16.82	23.64	43.50	-19.86	Peak	
3	130.8800	42.03	-13.17	28.86	43.50	-14.64	Peak	
4	273.4700	28.58	-13.10	15.48	46.00	-30.52	Peak	
5	375.3200	31.95	-10.32	21.63	46.00	-24.37	Peak	
6	455.8300	31.68	-8.28	23.40	46.00	-22.60	Peak	

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

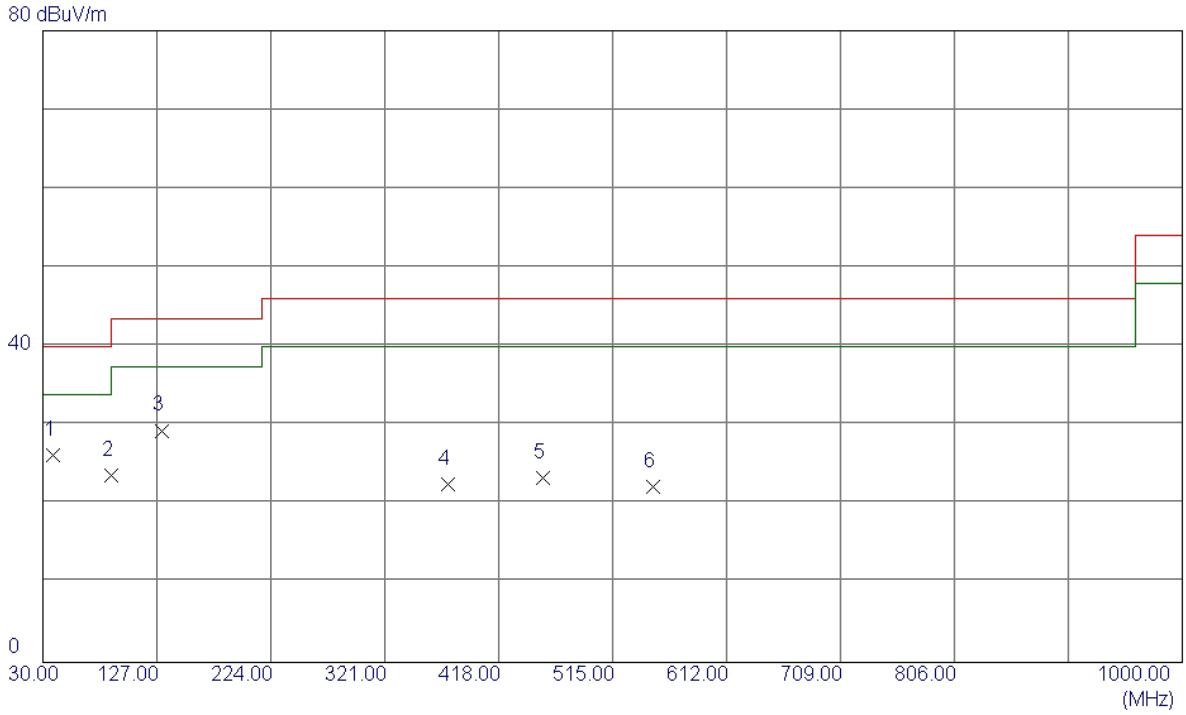
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	50.23	-14.09	36.14	40.00	-3.86	Peak	
2	89.1700	43.95	-16.84	27.11	43.50	-16.39	Peak	
3	144.4600	38.40	-13.60	24.80	43.50	-18.70	Peak	
4	224.9700	32.80	-14.32	18.48	46.00	-27.52	Peak	
5	375.3200	29.88	-10.32	19.56	46.00	-26.44	Peak	
6	556.7100	28.17	-5.51	22.66	46.00	-23.34	Peak	

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

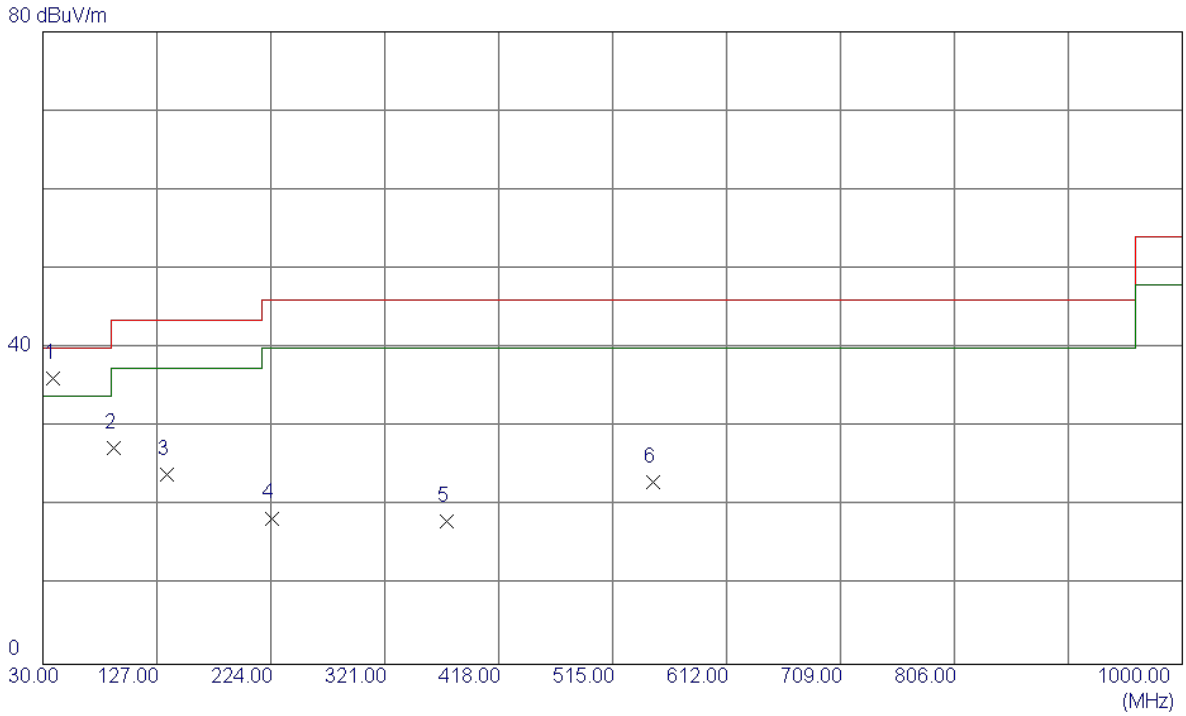
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	40.31	-14.09	26.22	40.00	-13.78	Peak	
2	88.2000	40.46	-16.82	23.64	43.50	-19.86	Peak	
3	130.8800	42.53	-13.17	29.36	43.50	-14.14	Peak	
4	375.3200	32.95	-10.32	22.63	46.00	-23.37	Peak	
5	455.8300	31.68	-8.28	23.40	46.00	-22.60	Peak	
6	549.9200	27.42	-5.15	22.27	46.00	-23.73	Peak	

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

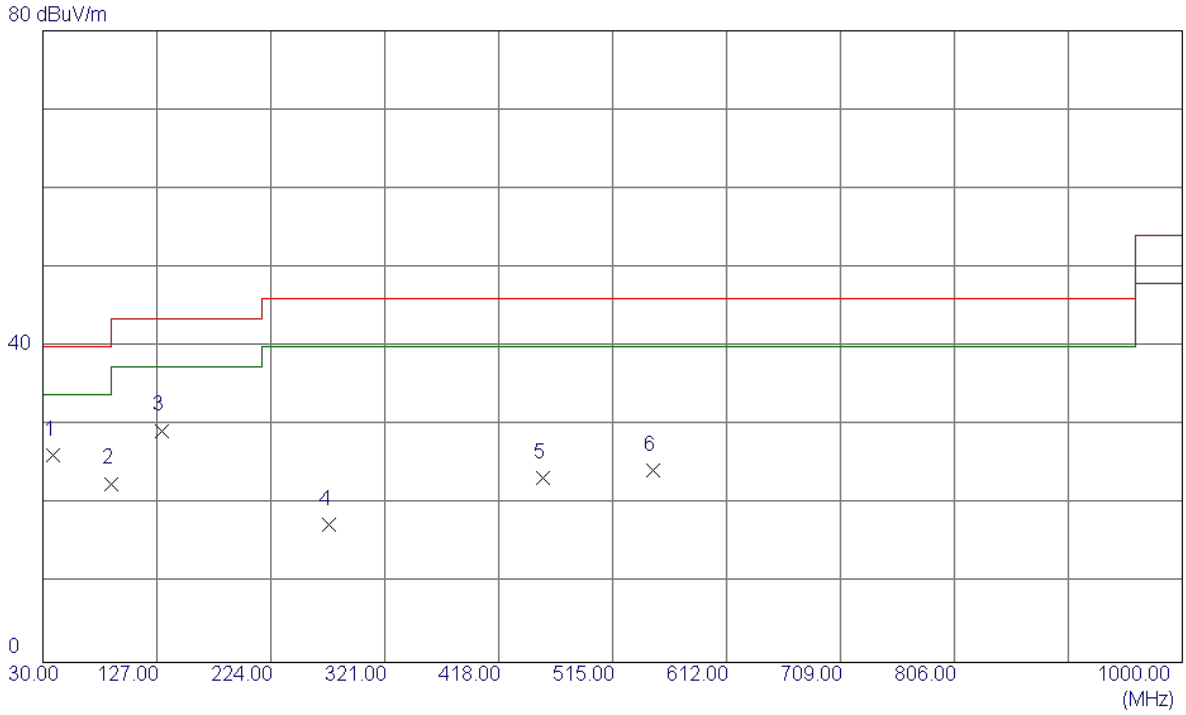
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	50.23	-14.09	36.14	40.00	-3.86	Peak	
2	90.1400	44.20	-16.85	27.35	43.50	-16.15	Peak	
3	135.7300	37.66	-13.65	24.01	43.50	-19.49	Peak	
4	224.9700	32.80	-14.32	18.48	46.00	-27.52	Peak	
5	373.3800	28.54	-10.40	18.14	46.00	-27.86	Peak	
6	549.9200	28.23	-5.15	23.08	46.00	-22.92	Peak	

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

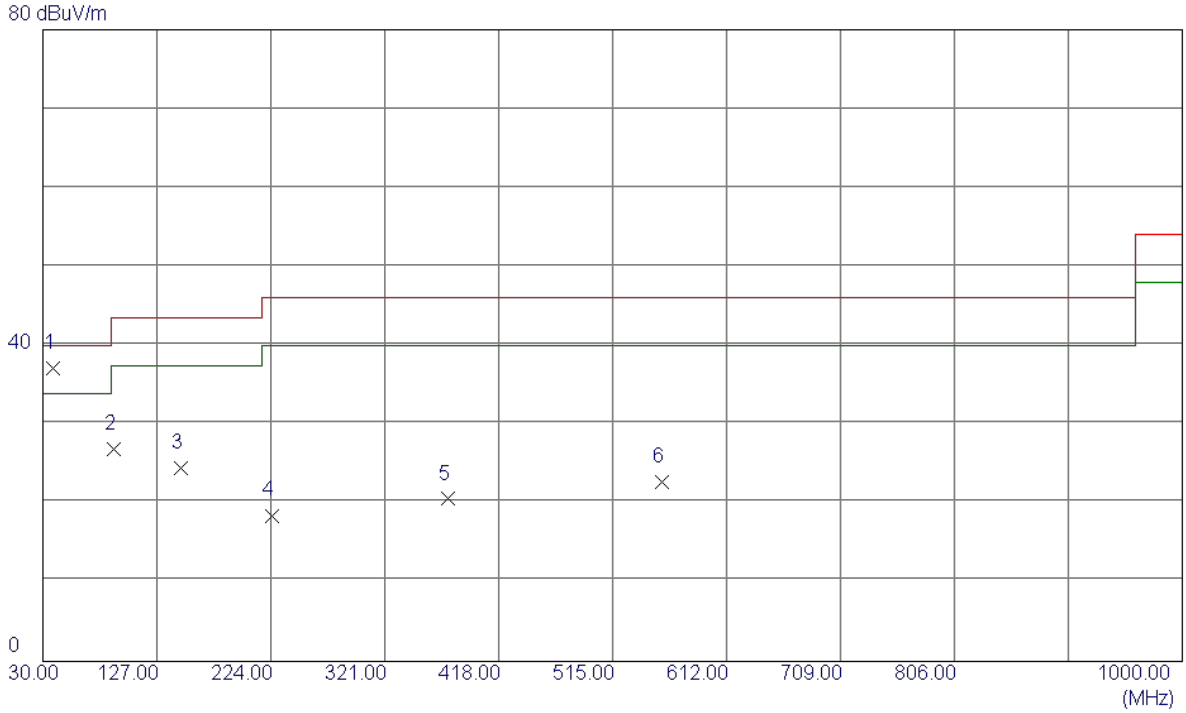
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	40.31	-14.09	26.22	40.00	-13.78	Peak	
2	88.2000	39.46	-16.82	22.64	43.50	-20.86	Peak	
3	130.8800	42.53	-13.17	29.36	43.50	-14.14	Peak	
4	273.4700	30.58	-13.10	17.48	46.00	-28.52	Peak	
5	455.8300	31.68	-8.28	23.40	46.00	-22.60	Peak	
6	549.9200	29.42	-5.15	24.27	46.00	-21.73	Peak	

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

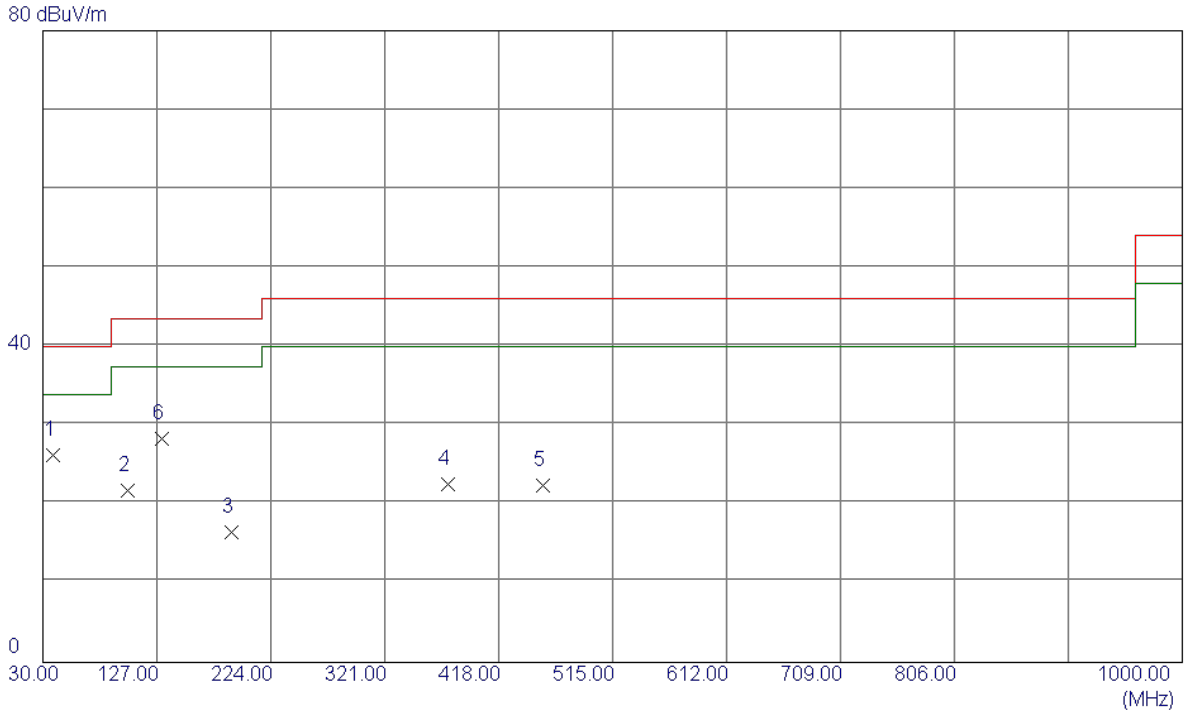
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	51.23	-14.09	37.14	40.00	-2.86	Peak	
2	90.1400	43.70	-16.85	26.85	43.50	-16.65	Peak	
3	147.3700	37.84	-13.29	24.55	43.50	-18.95	Peak	
4	224.9700	32.80	-14.32	18.48	46.00	-27.52	Peak	
5	375.3200	30.88	-10.32	20.56	46.00	-25.44	Peak	
6	556.7100	28.17	-5.51	22.66	46.00	-23.34	Peak	

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

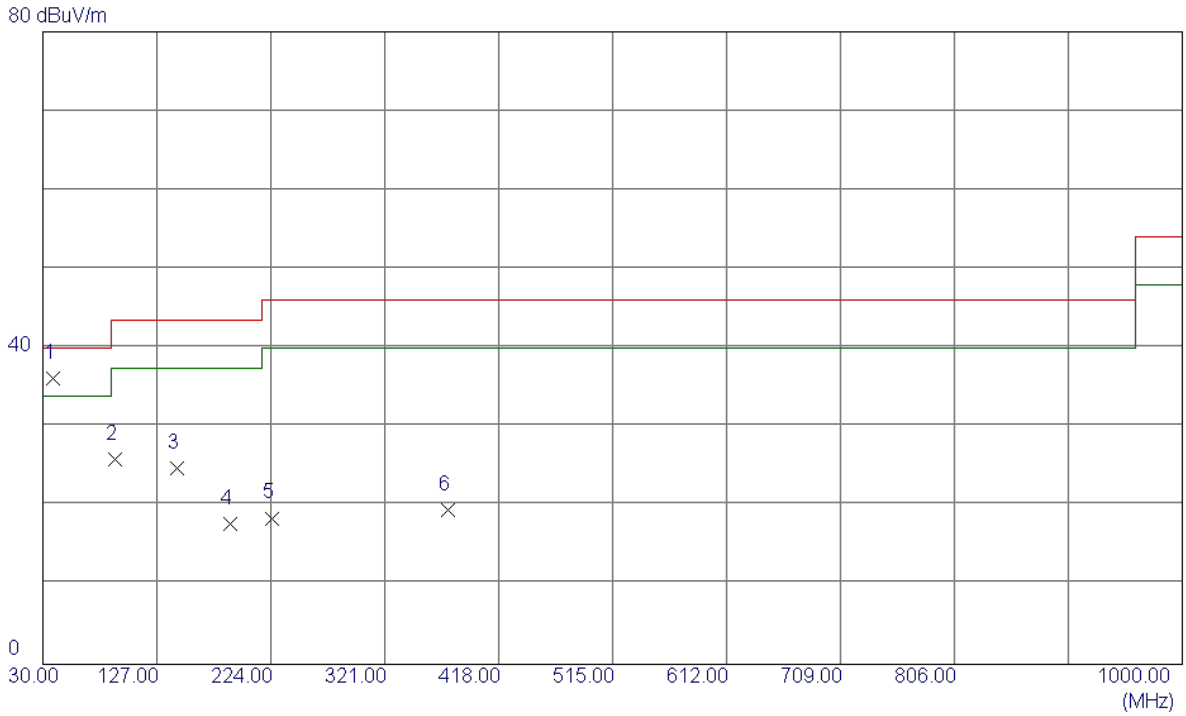
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	40.31	-14.09	26.22	40.00	-13.78	Peak	
2	101.7800	37.69	-15.88	21.81	43.50	-21.69	Peak	
3	191.0200	31.00	-14.48	16.52	43.50	-26.98	Peak	
4	375.3200	32.95	-10.32	22.63	46.00	-23.37	Peak	
5	455.8300	30.68	-8.28	22.40	46.00	-23.60	Peak	
6	130.8800	41.53	-13.17	28.36	43.50	-15.14	Peak	

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

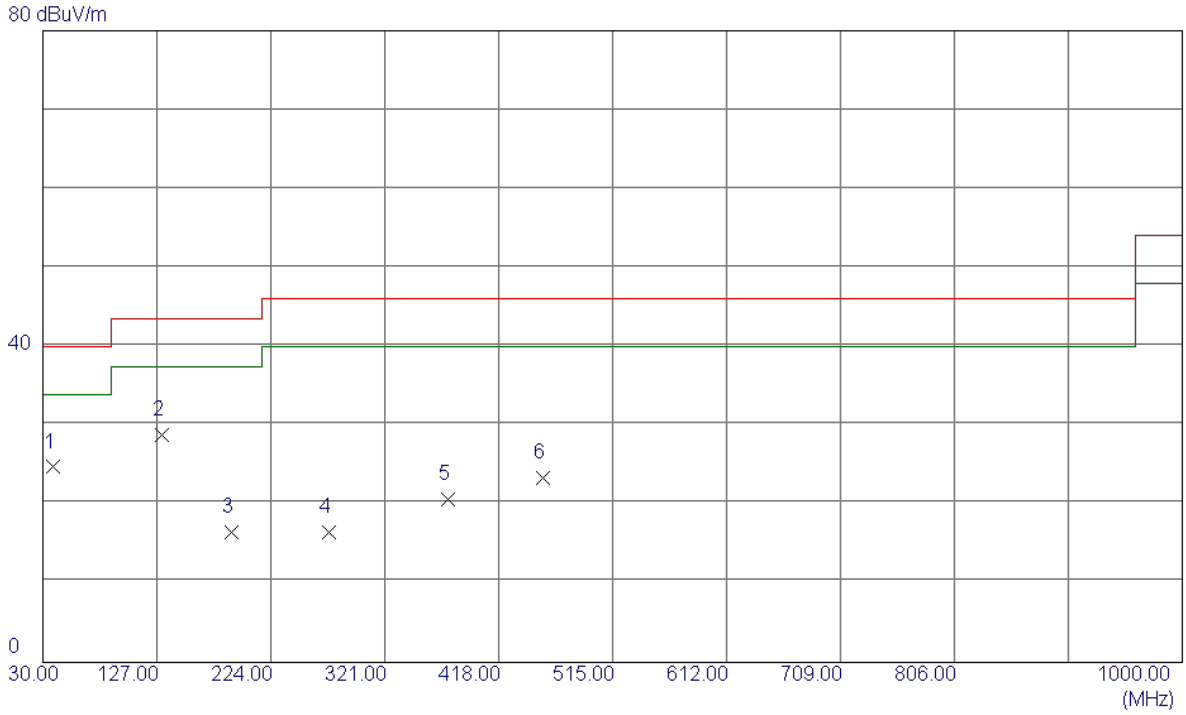
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	50.23	-14.09	36.14	40.00	-3.86	Peak	
2	91.1100	42.67	-16.82	25.85	43.50	-17.65	Peak	
3	144.4600	38.40	-13.60	24.80	43.50	-18.70	Peak	
4	189.0800	32.06	-14.27	17.79	43.50	-25.71	Peak	
5	224.9700	32.80	-14.32	18.48	46.00	-27.52	Peak	
6	375.3200	29.88	-10.32	19.56	46.00	-26.44	Peak	

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

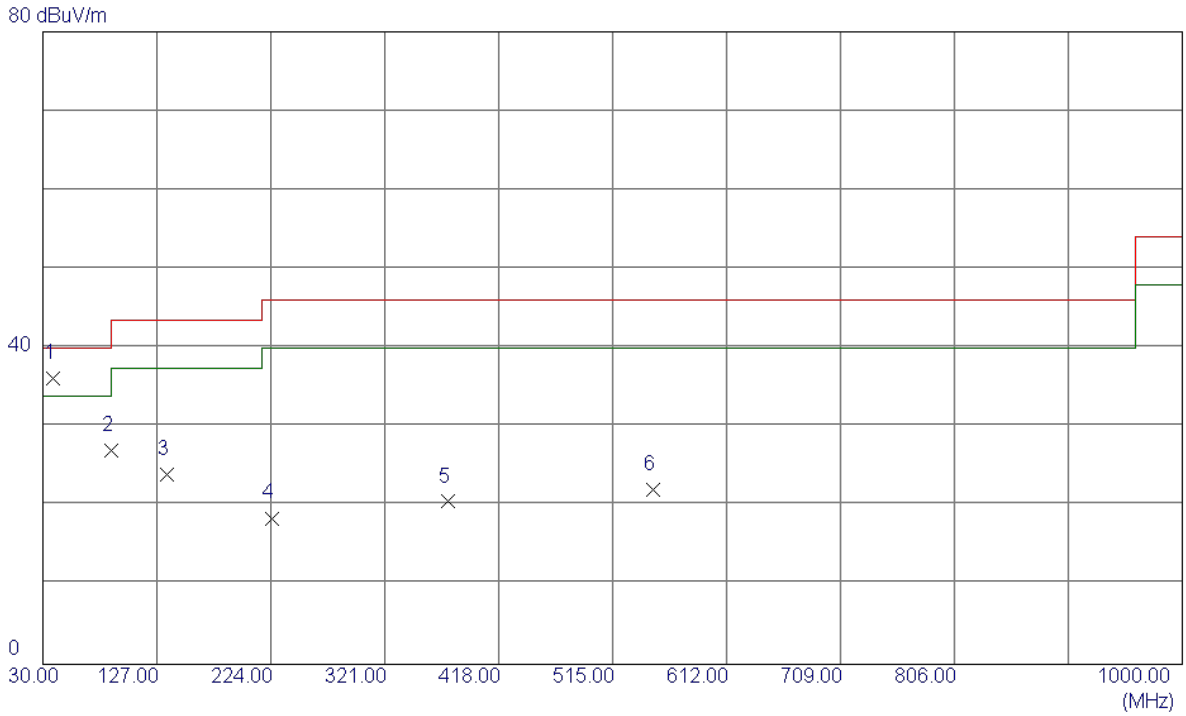
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	38.81	-14.09	24.72	40.00	-15.28	Peak	
2	130.8800	42.03	-13.17	28.86	43.50	-14.64	Peak	
3	191.0200	31.00	-14.48	16.52	43.50	-26.98	Peak	
4	273.4700	29.58	-13.10	16.48	46.00	-29.52	Peak	
5	375.3200	30.95	-10.32	20.63	46.00	-25.37	Peak	
6	455.8300	31.68	-8.28	23.40	46.00	-22.60	Peak	

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

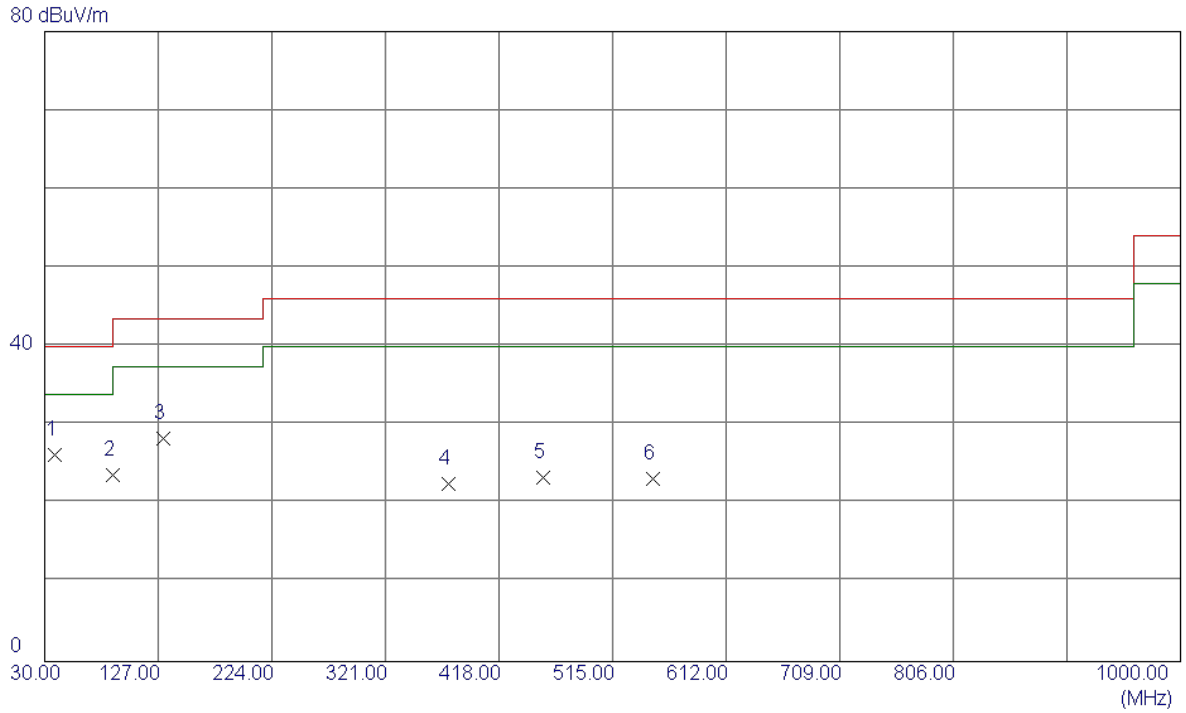
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	50.23	-14.09	36.14	40.00	-3.86	Peak	
2	88.2000	43.79	-16.82	26.97	43.50	-16.53	Peak	
3	135.7300	37.66	-13.65	24.01	43.50	-19.49	Peak	
4	224.9700	32.80	-14.32	18.48	46.00	-27.52	Peak	
5	375.3200	30.88	-10.32	20.56	46.00	-25.44	Peak	
6	549.9200	27.23	-5.15	22.08	46.00	-23.92	Peak	

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

Horizontal

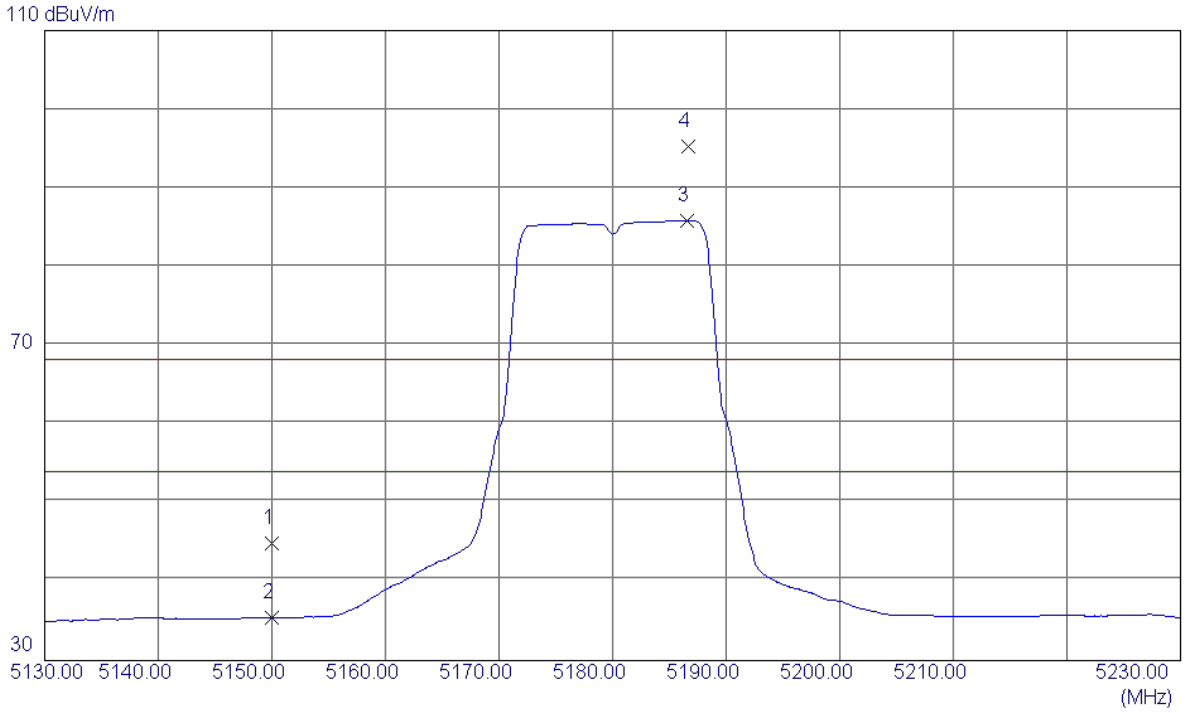


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	40.31	-14.09	26.22	40.00	-13.78	Peak	
2	88.2000	40.46	-16.82	23.64	43.50	-19.86	Peak	
3	130.8800	41.53	-13.17	28.36	43.50	-15.14	Peak	
4	375.3200	32.95	-10.32	22.63	46.00	-23.37	Peak	
5	455.8300	31.68	-8.28	23.40	46.00	-22.60	Peak	
6	549.9200	28.42	-5.15	23.27	46.00	-22.73	Peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

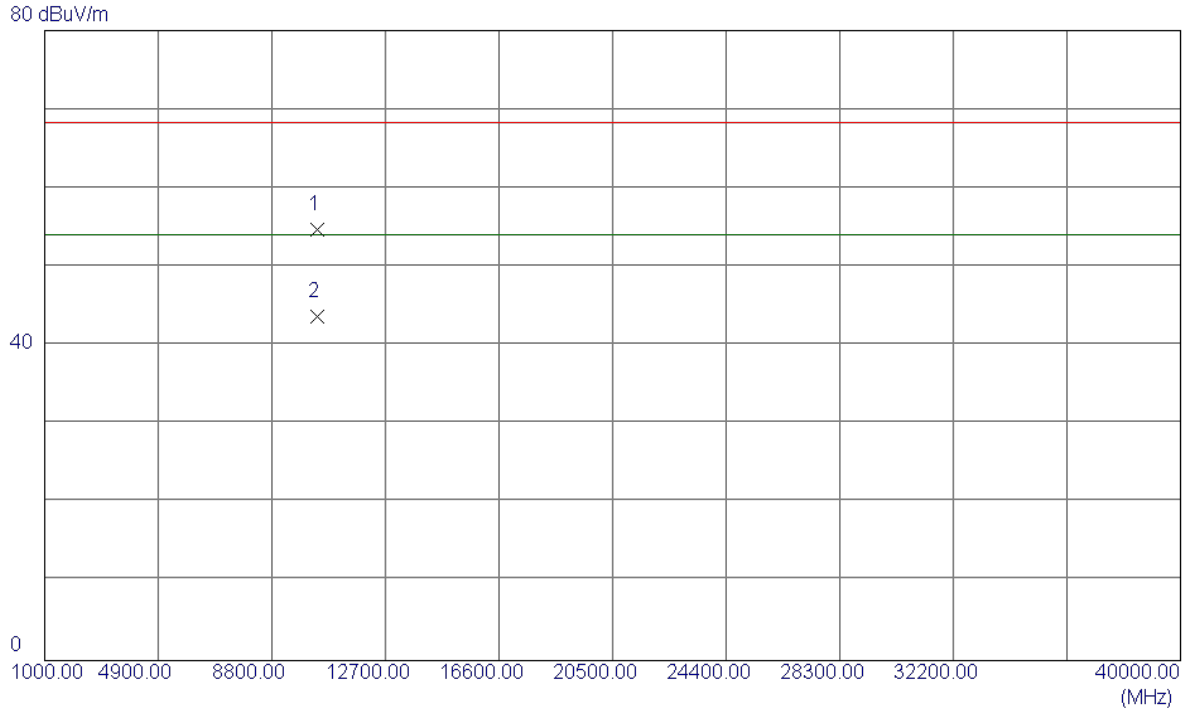
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	4.62	40.22	44.84	68.30	-23.46	Peak	
2	5150.0000	-4.80	40.22	35.42	54.00	-18.58	AVG	
3	5186.6000	45.58	40.30	85.88	54.00	31.88	AVG	No Limit
4	5186.7000	54.99	40.30	95.29	68.30	26.99	Peak	No Limit

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

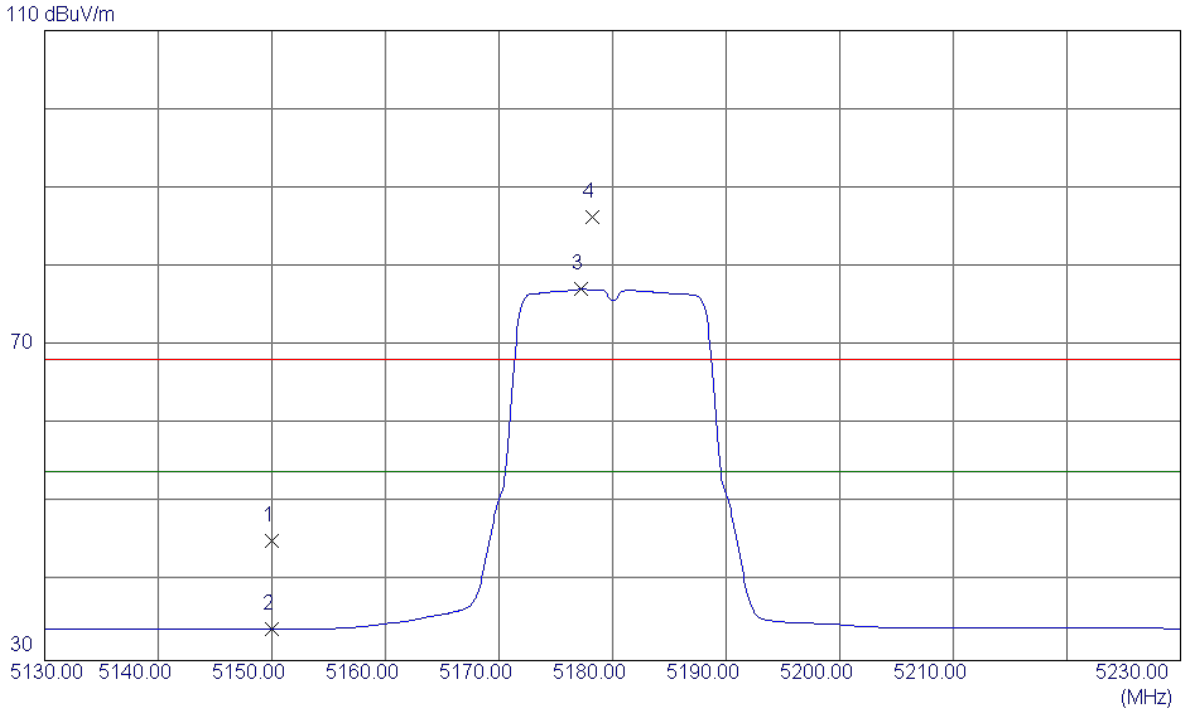
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.3700	40.38	14.32	54.70	68.30	-13.60	Peak	
2	10360.6200	29.40	14.33	43.73	54.00	-10.27	AVG	

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

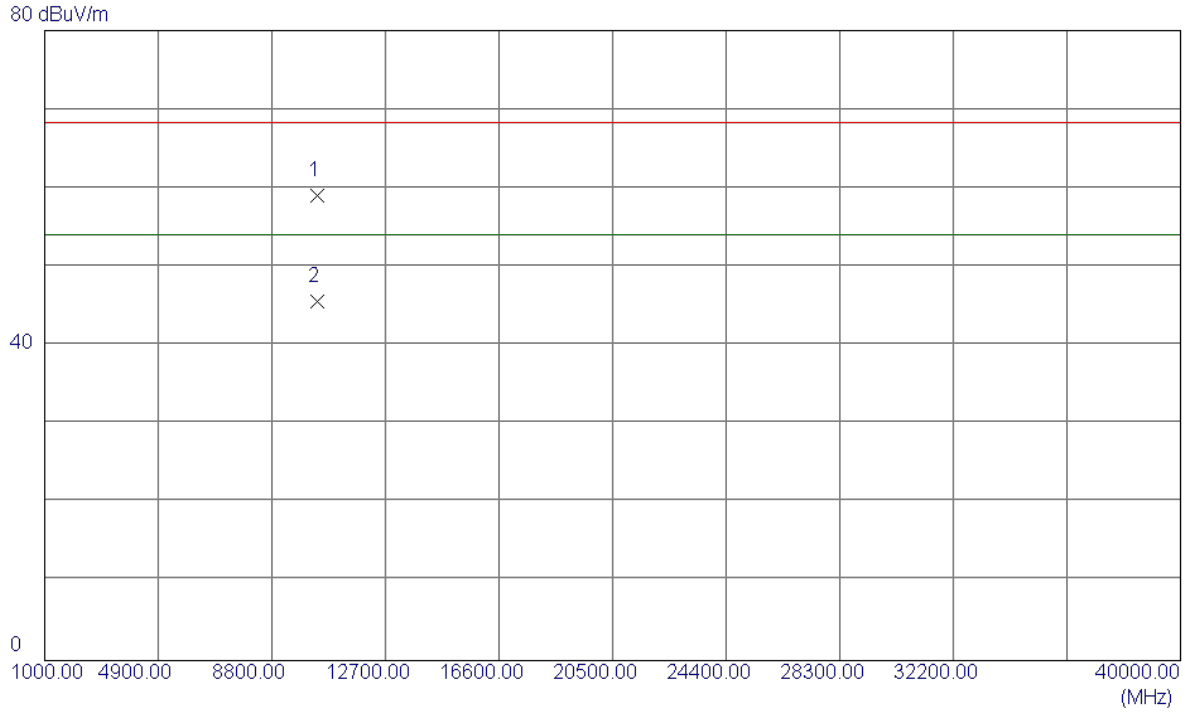
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	4.99	40.22	45.21	68.30	-23.09	Peak	
2	5150.0000	-6.15	40.22	34.07	54.00	-19.93	AVG	
3	5177.2000	36.86	40.28	77.14	54.00	23.14	AVG	No Limit
4	5178.2000	46.09	40.28	86.37	68.30	18.07	Peak	No Limit

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

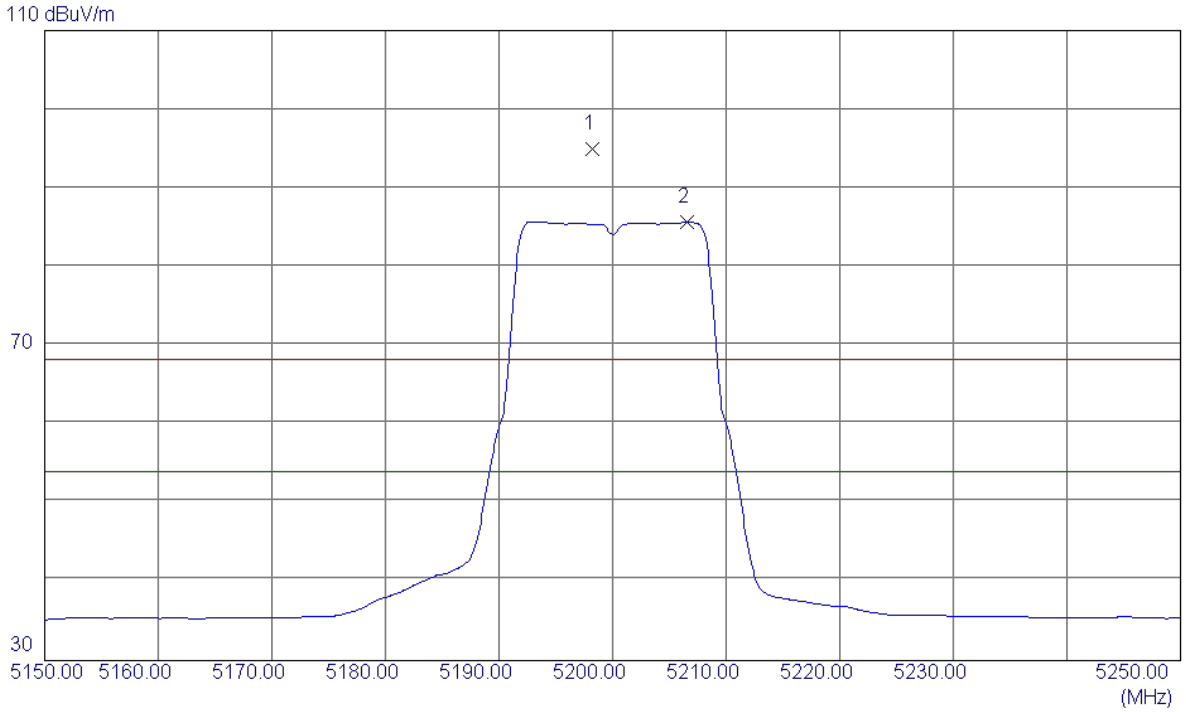
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.2400	44.71	14.32	59.03	68.30	-9.27	Peak	
2	10361.4300	31.27	14.33	45.60	54.00	-8.40	AVG	

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

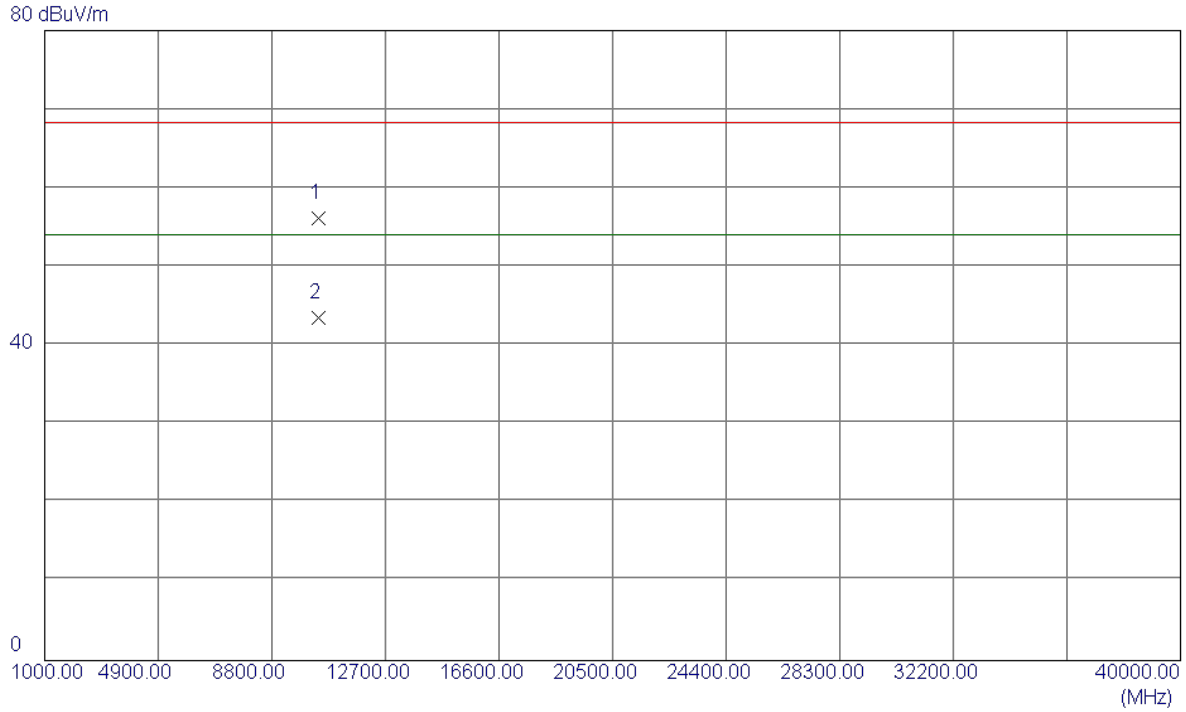
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5198.2000	54.61	40.32	94.93	68.30	26.63	Peak	No Limit
2	5206.6000	45.33	40.34	85.67	54.00	31.67	AVG	No Limit

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

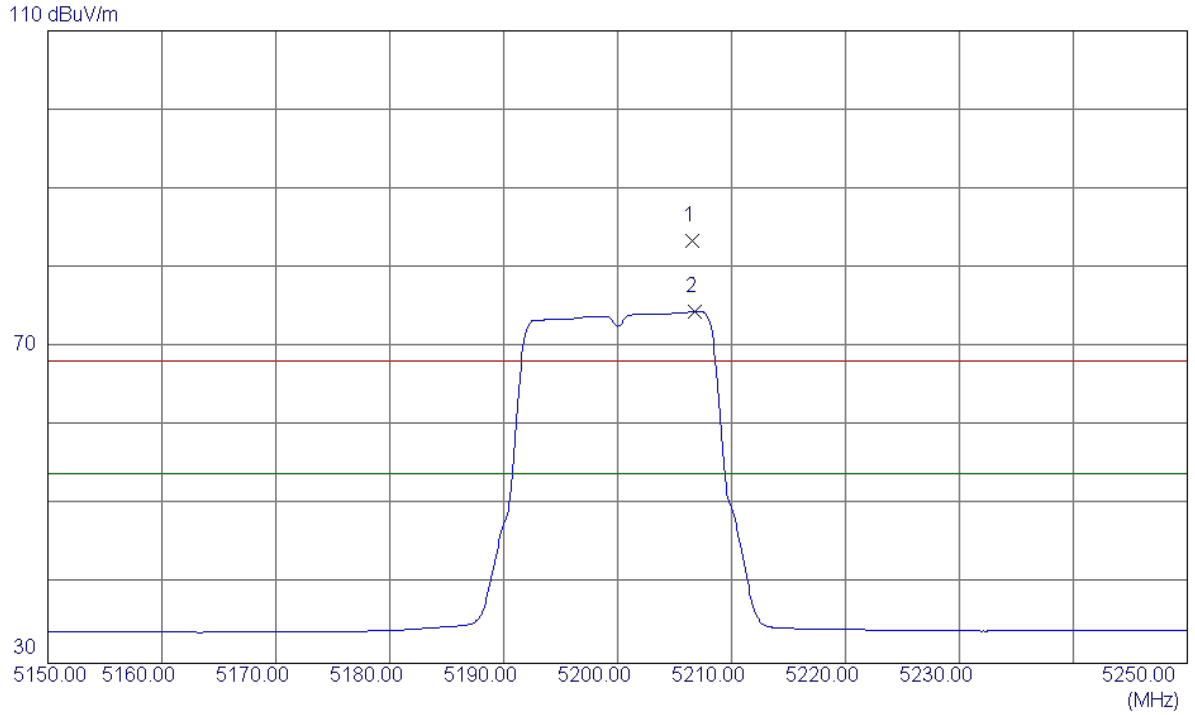
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.3600	41.73	14.40	56.13	68.30	-12.17	Peak	
2	10401.1000	29.08	14.41	43.49	54.00	-10.51	AVG	

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

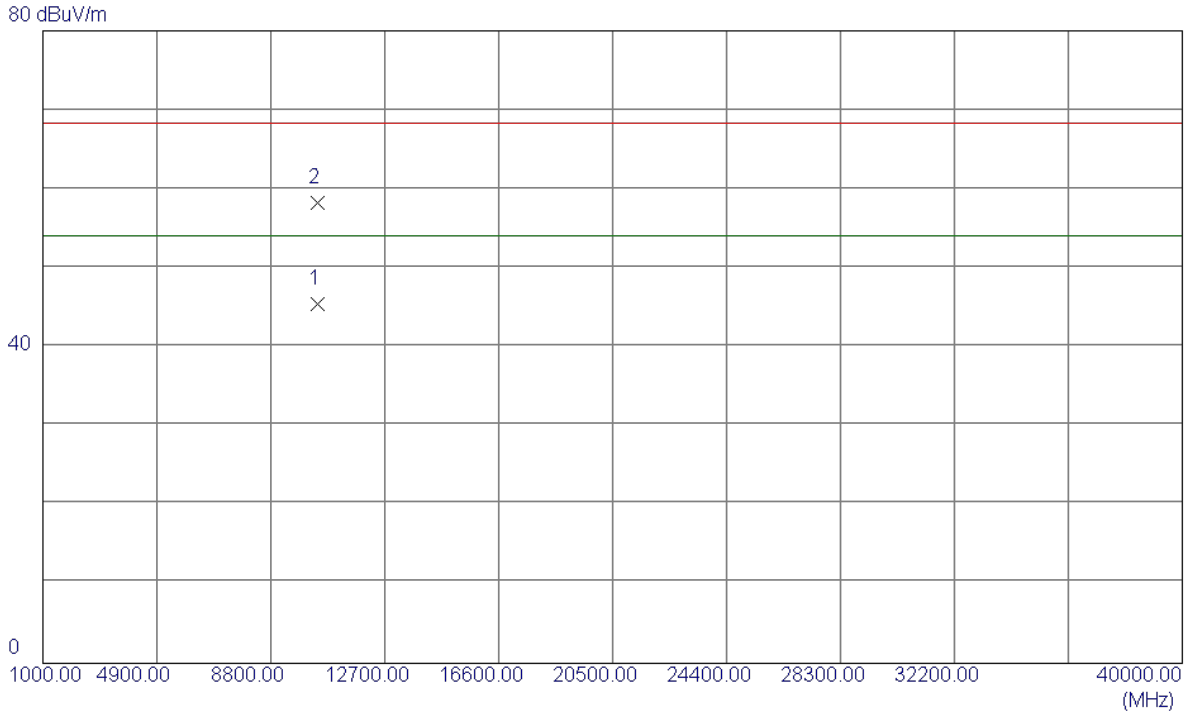
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5206.6000	43.18	40.34	83.52	68.30	15.22	Peak	No Limit
2	5206.8000	34.16	40.34	74.50	54.00	20.50	AVG	No Limit

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

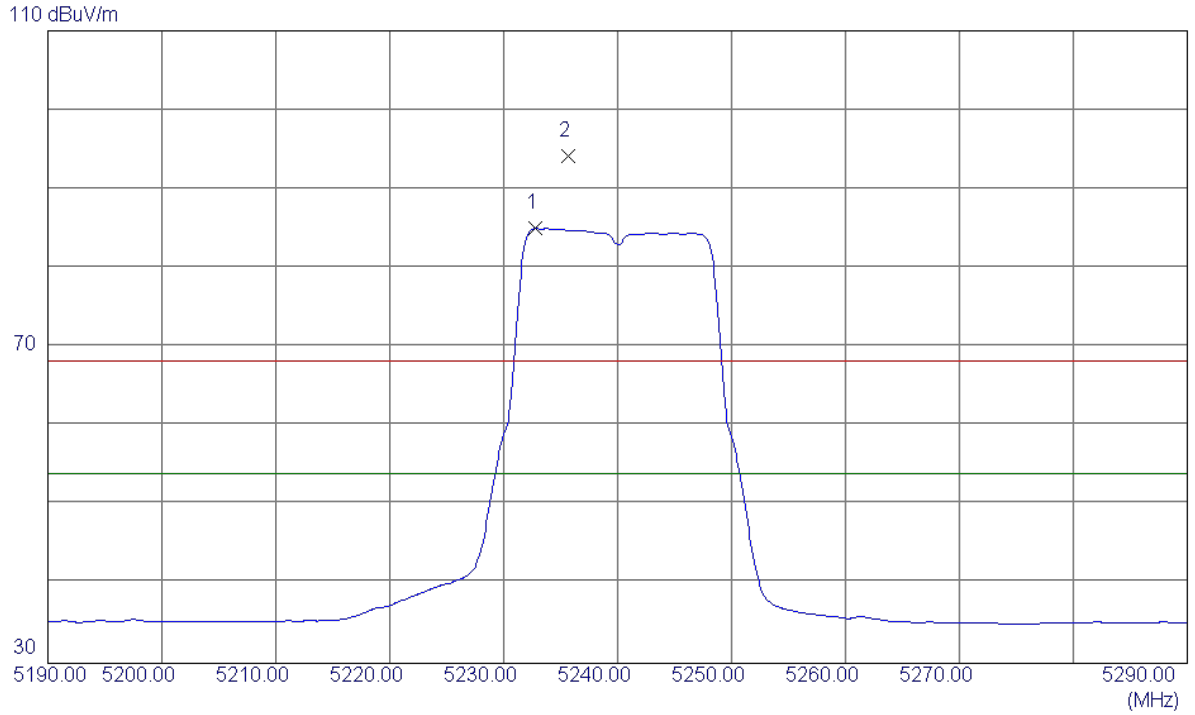
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10401.0000	30.98	14.41	45.39	54.00	-8.61	AVG	
2	10401.1000	43.79	14.41	58.20	68.30	-10.10	Peak	

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

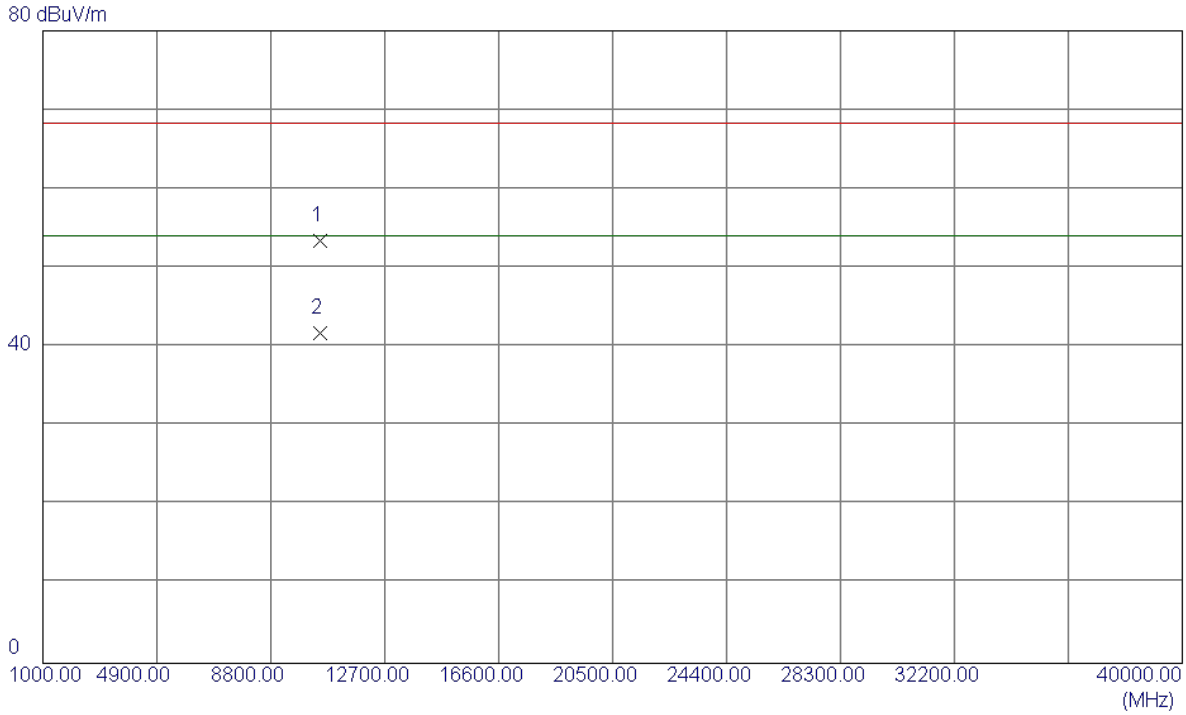
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.8000	44.59	40.39	84.98	54.00	30.98	AVG	No Limit
2	5235.7000	53.82	40.40	94.22	68.30	25.92	Peak	No Limit

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

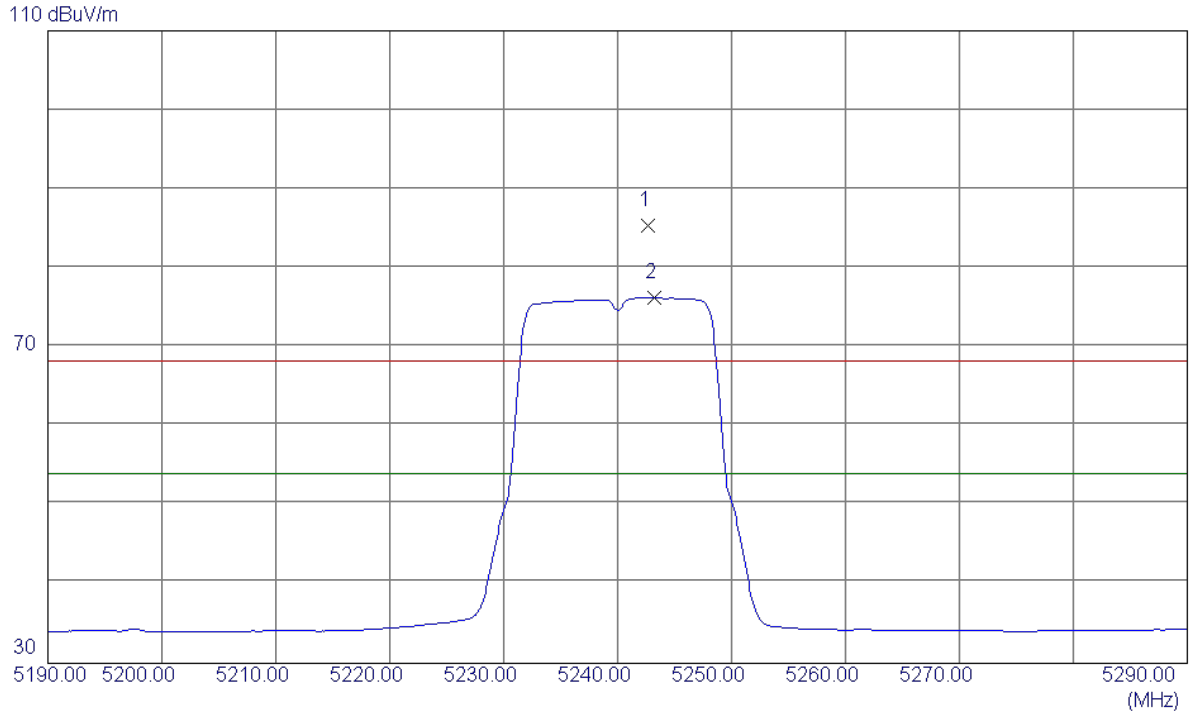
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.7100	38.93	14.56	53.49	68.30	-14.81	Peak	
2	10480.3700	27.13	14.56	41.69	54.00	-12.31	AVG	

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

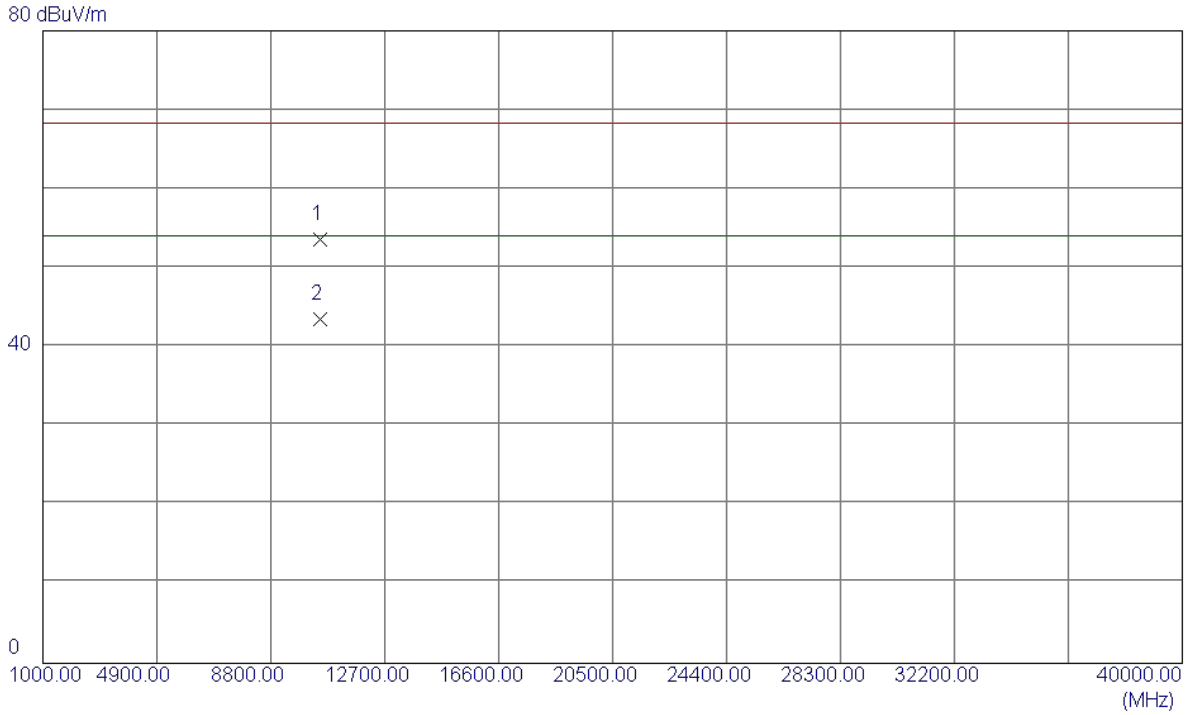
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5242.7000	44.98	40.41	85.39	68.30	17.09	Peak	No Limit
2	5243.2000	35.82	40.42	76.24	54.00	22.24	AVG	No Limit

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

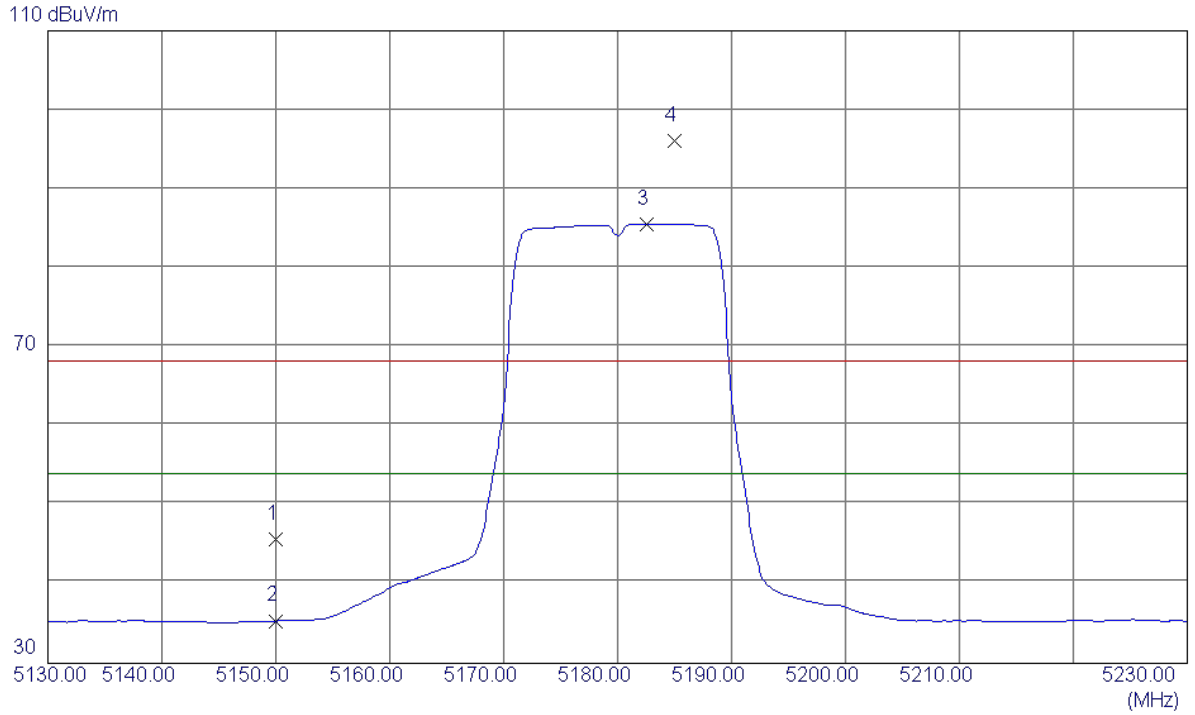
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.2000	39.04	14.56	53.60	68.30	-14.70	Peak	
2	10481.2000	28.94	14.56	43.50	54.00	-10.50	AVG	

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

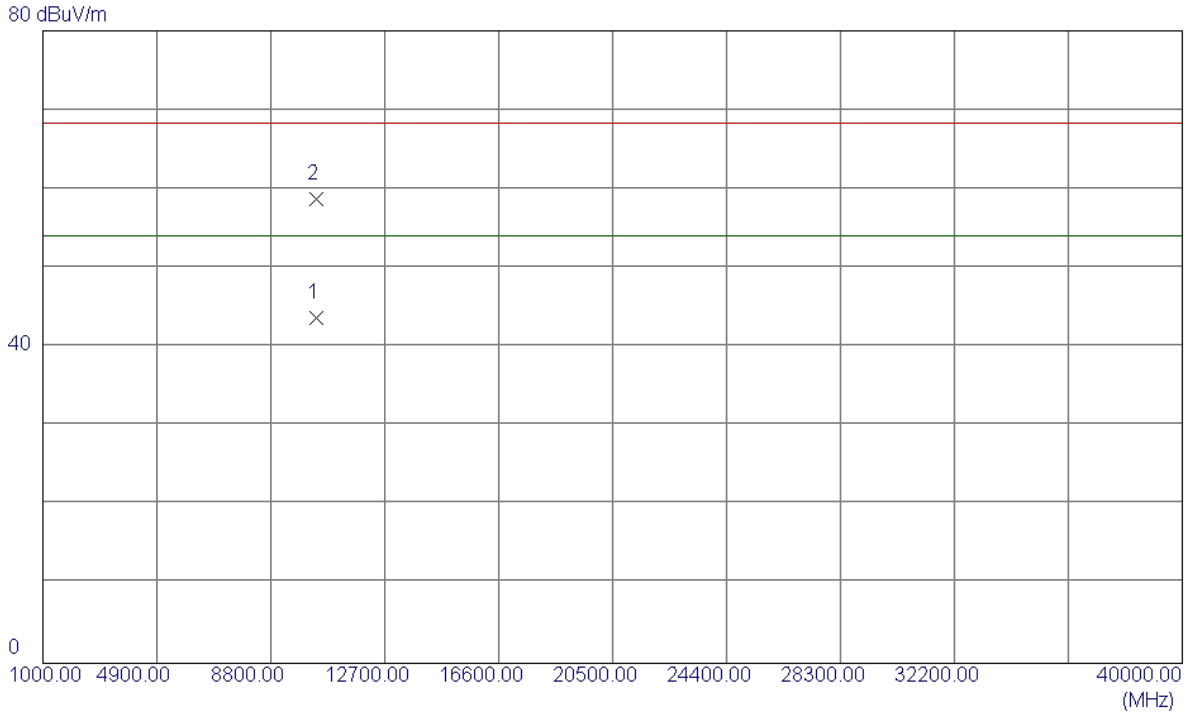
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	5.52	40.22	45.74	68.30	-22.56	Peak	
2	5150.0000	-4.86	40.22	35.36	54.00	-18.64	AVG	
3	5182.6000	45.29	40.29	85.58	54.00	31.58	AVG	No Limit
4	5185.0000	55.85	40.29	96.14	68.30	27.84	Peak	No Limit

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

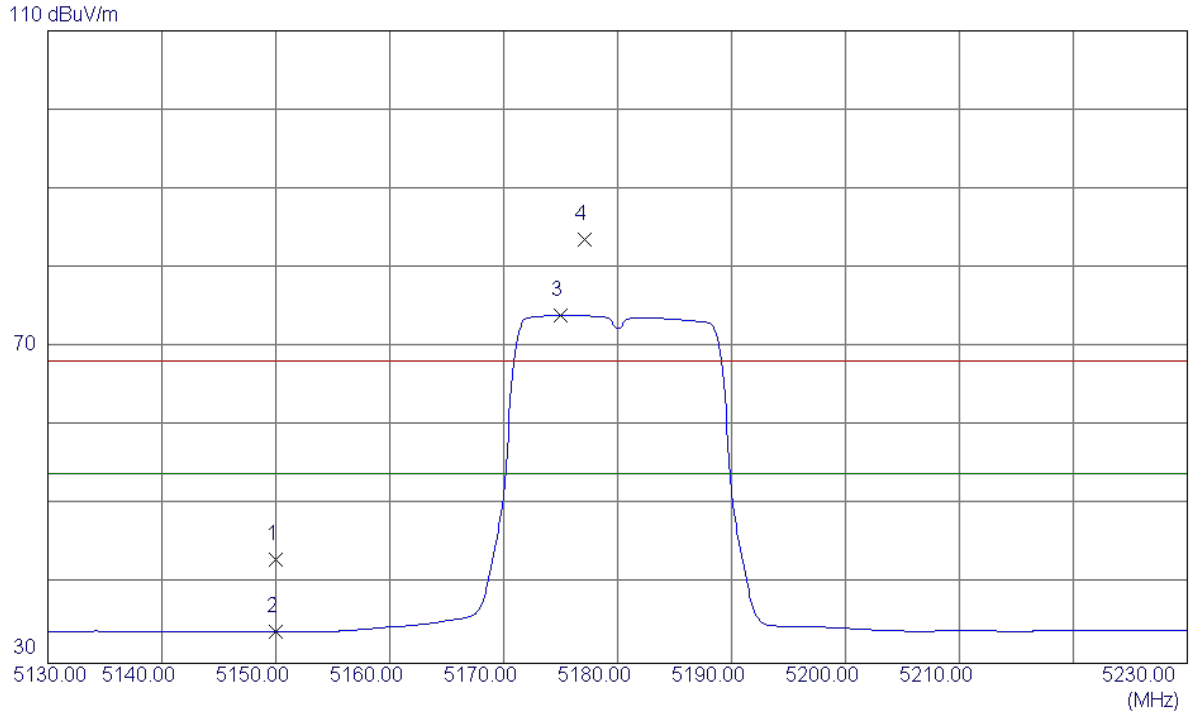
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10361.1000	29.37	14.33	43.70	54.00	-10.30	AVG	
2	10360.2000	44.37	14.33	58.70	68.30	-9.60	Peak	

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

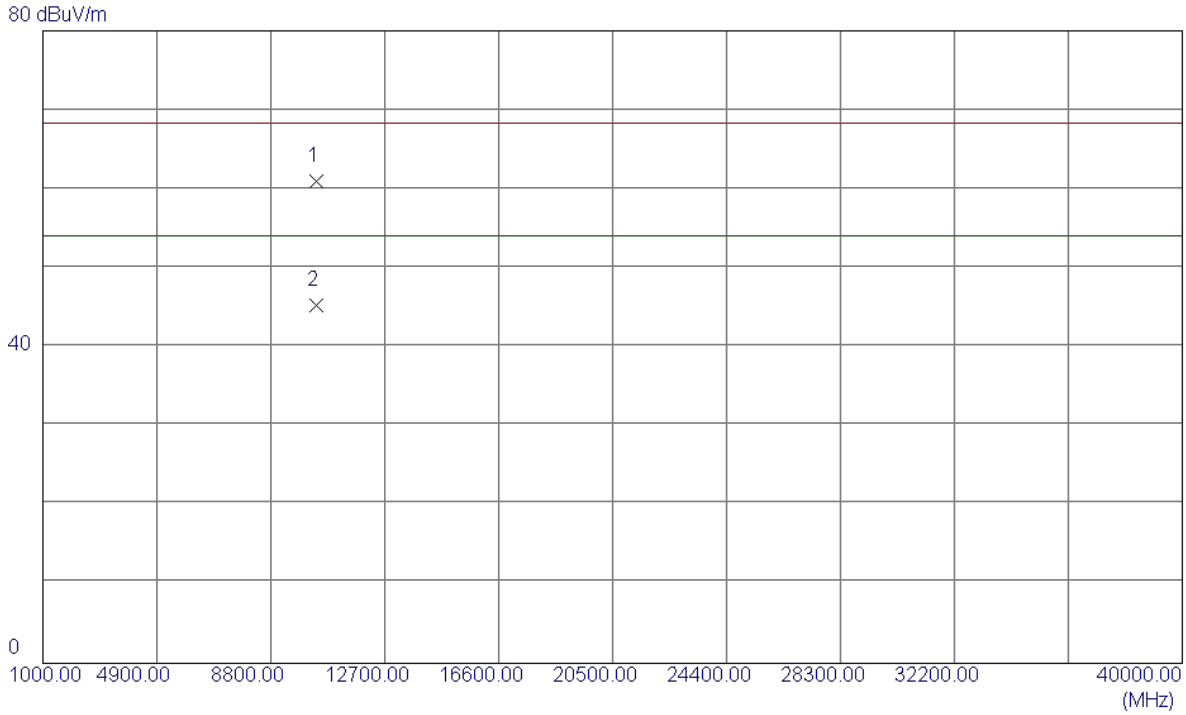
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	2.96	40.22	43.18	68.30	-25.12	Peak	
2	5150.0000	-6.17	40.22	34.05	54.00	-19.95	AVG	
3	5175.0000	33.75	40.27	74.02	54.00	20.02	AVG	No Limit
4	5177.1000	43.33	40.28	83.61	68.30	15.31	Peak	No Limit

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

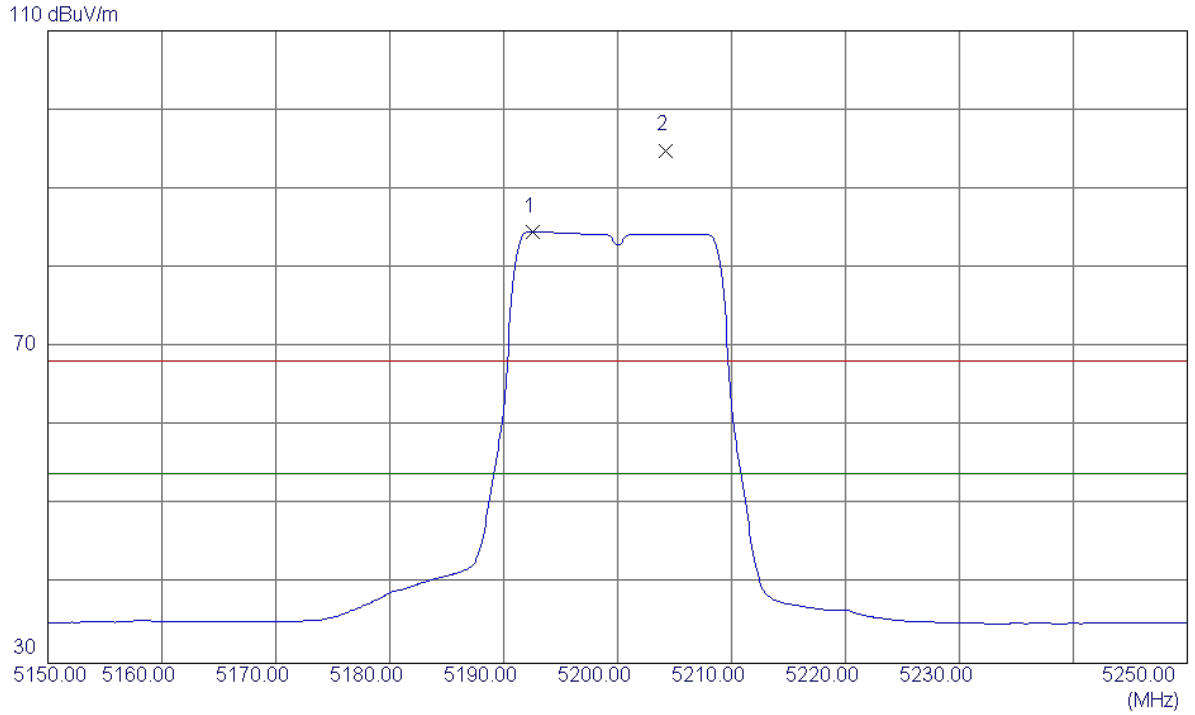
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10359.7000	46.63	14.32	60.95	68.30	-7.35	Peak	
2	10360.5000	30.89	14.33	45.22	54.00	-8.78	AVG	

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

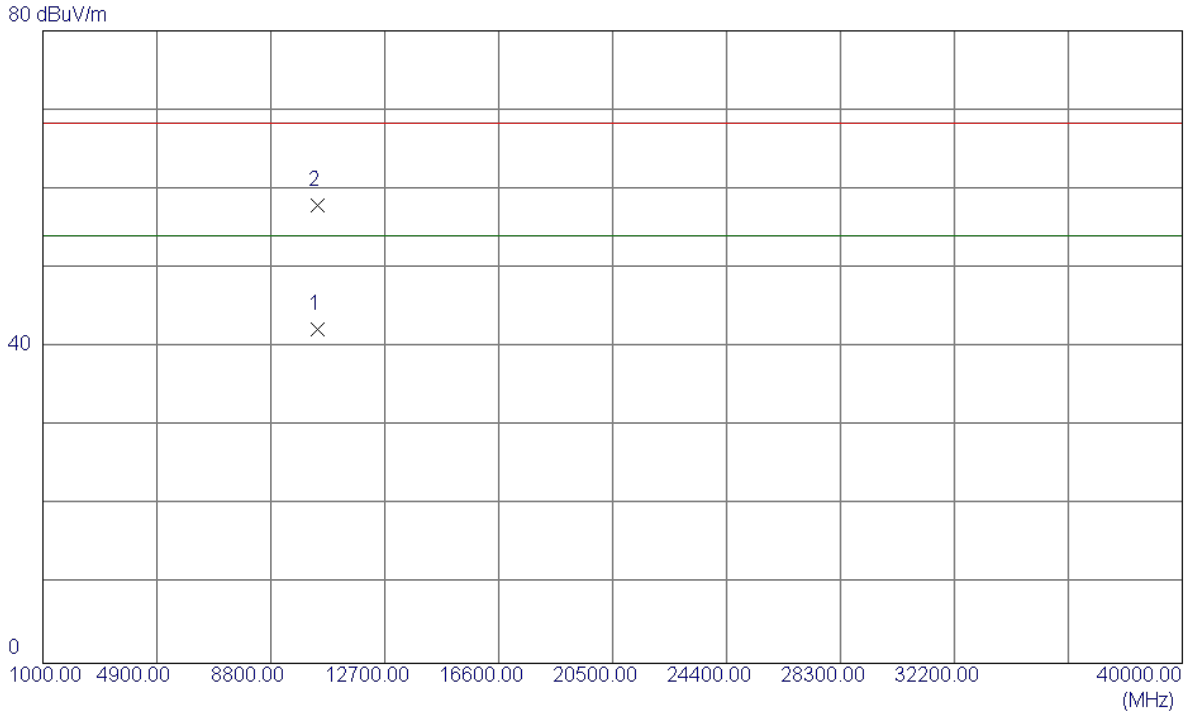
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5192.6000	44.28	40.31	84.59	54.00	30.59	AVG	No Limit
2	5204.2000	54.55	40.33	94.88	68.30	26.58	Peak	No Limit

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

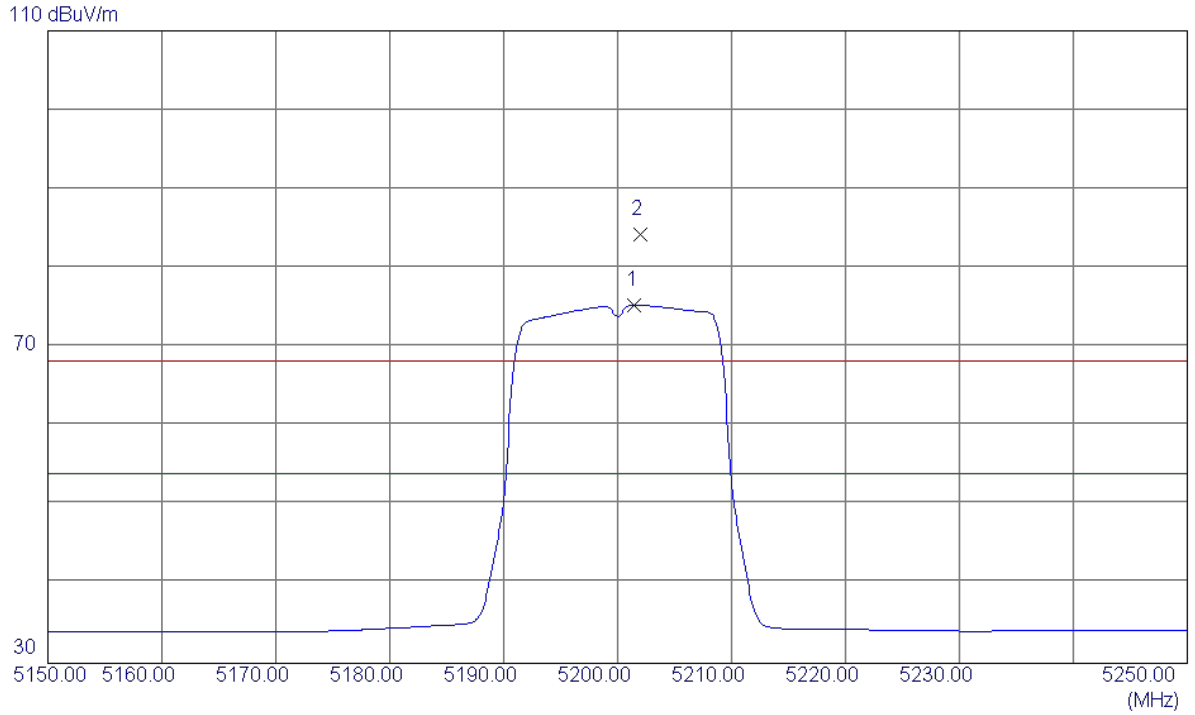
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10399.6000	27.78	14.40	42.18	54.00	-11.82	AVG	
2	10401.1000	43.46	14.41	57.87	68.30	-10.43	Peak	

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

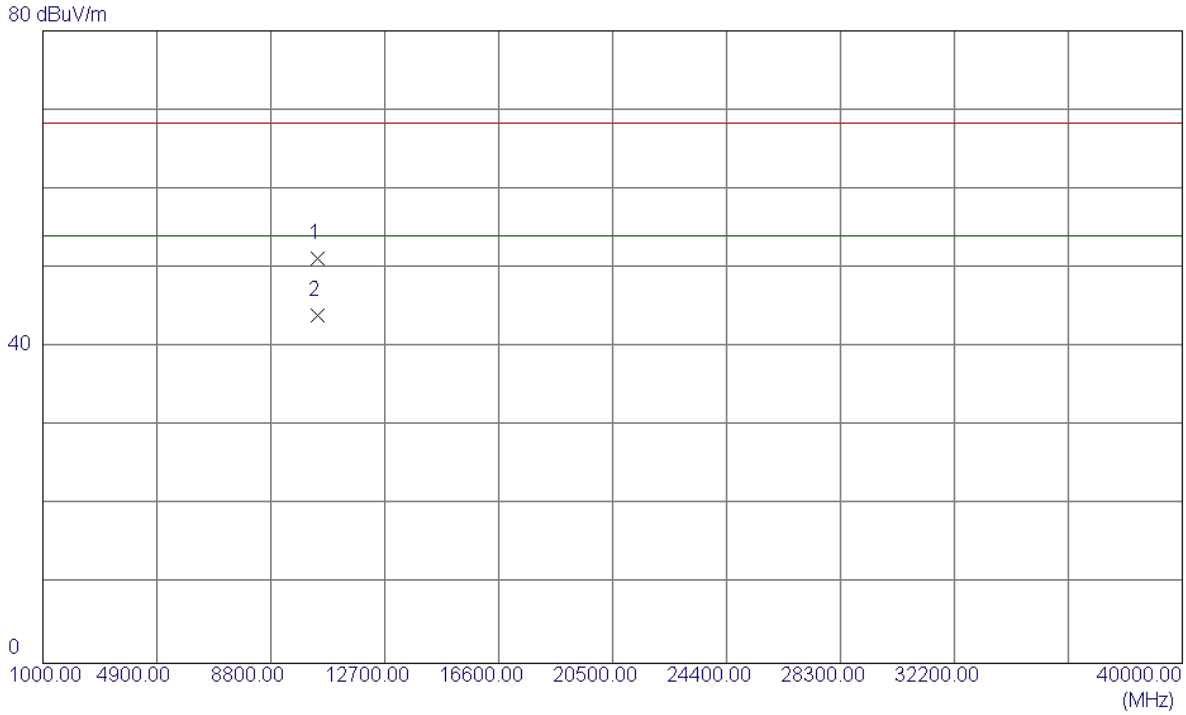
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5201.5000	34.95	40.33	75.28	54.00	21.28	AVG	No Limit
2	5202.0000	43.97	40.33	84.30	68.30	16.00	Peak	No Limit

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

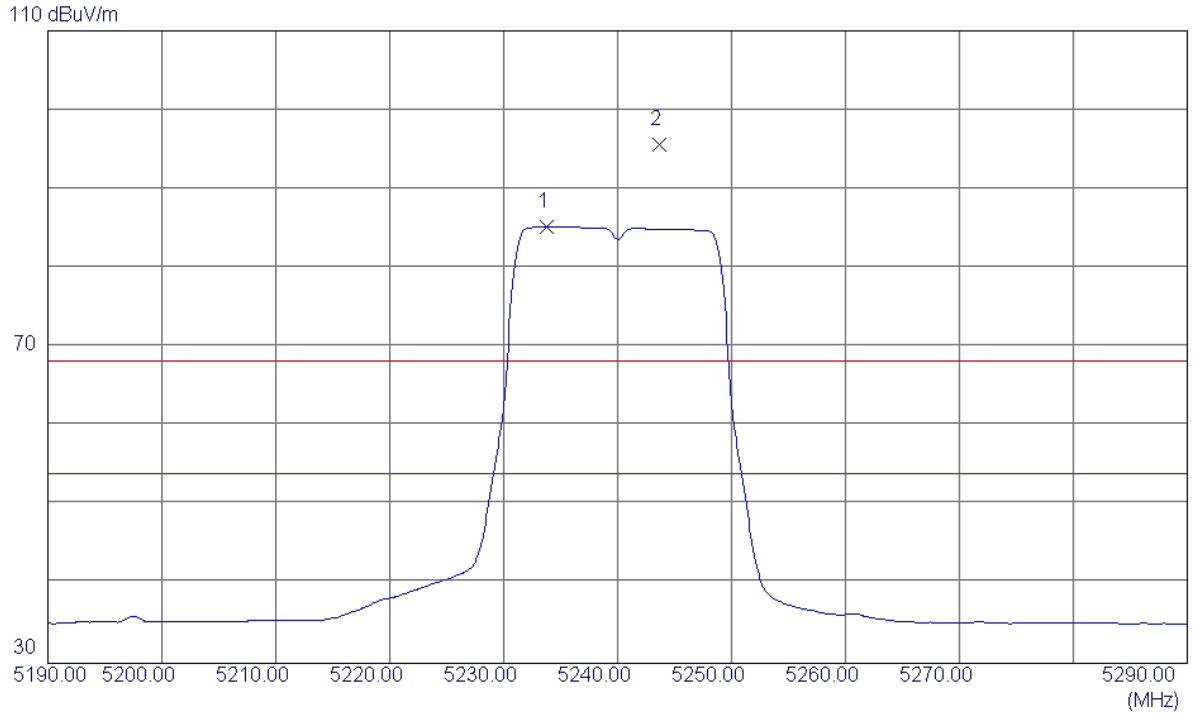
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.6000	36.77	14.41	51.18	68.30	-17.12	Peak	
2	10400.6000	29.59	14.41	44.00	54.00	-10.00	AVG	

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

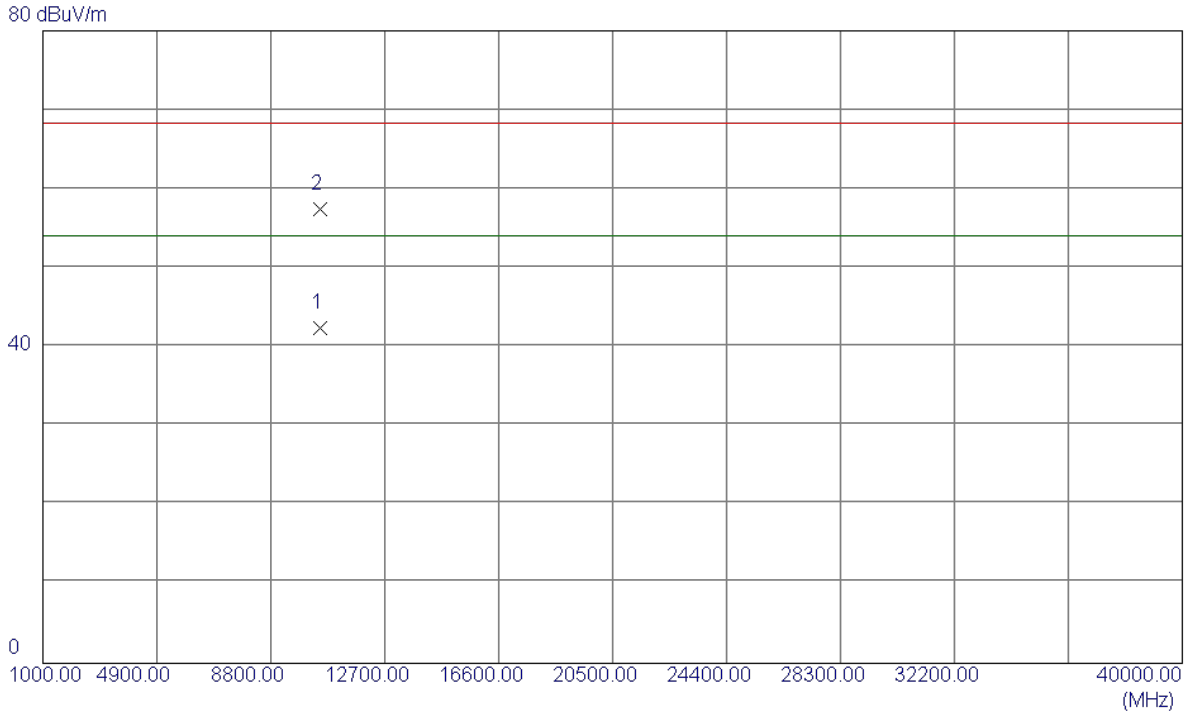
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5233.8000	44.80	40.40	85.20	54.00	31.20	AVG	No Limit
2	5243.7000	55.18	40.42	95.60	68.30	27.30	Peak	No Limit

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

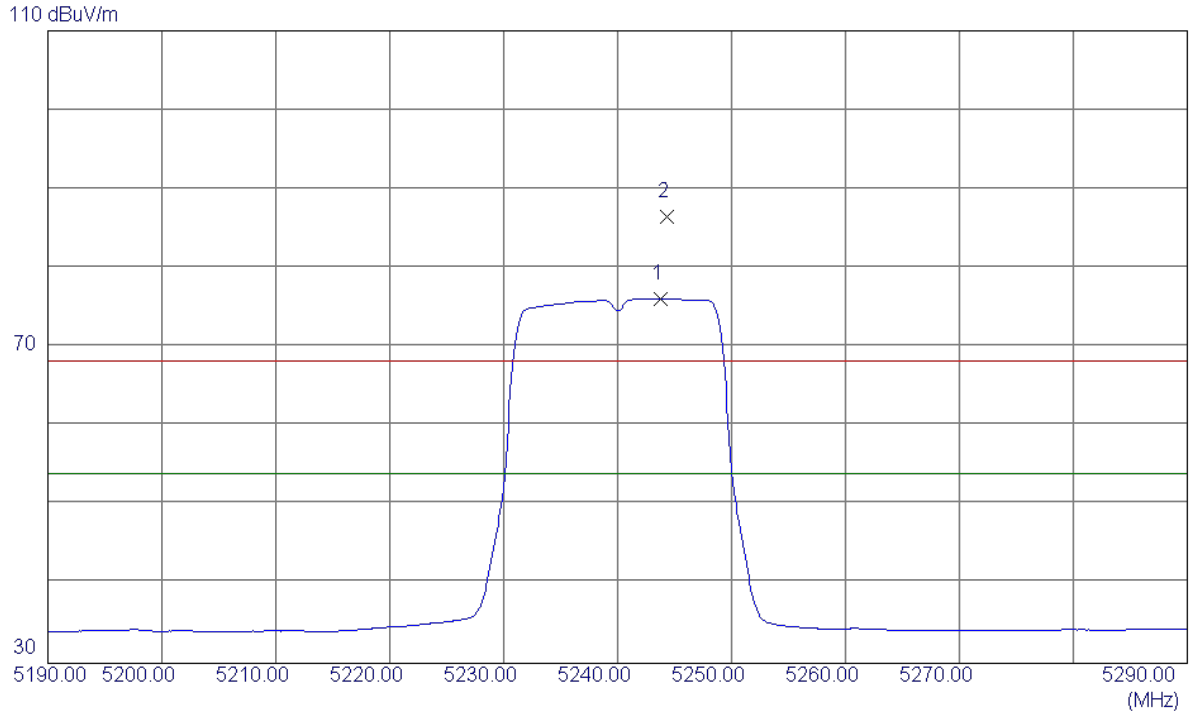
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.6800	27.87	14.56	42.43	54.00	-11.57	AVG	
2	10480.9000	42.92	14.56	57.48	68.30	-10.82	Peak	

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

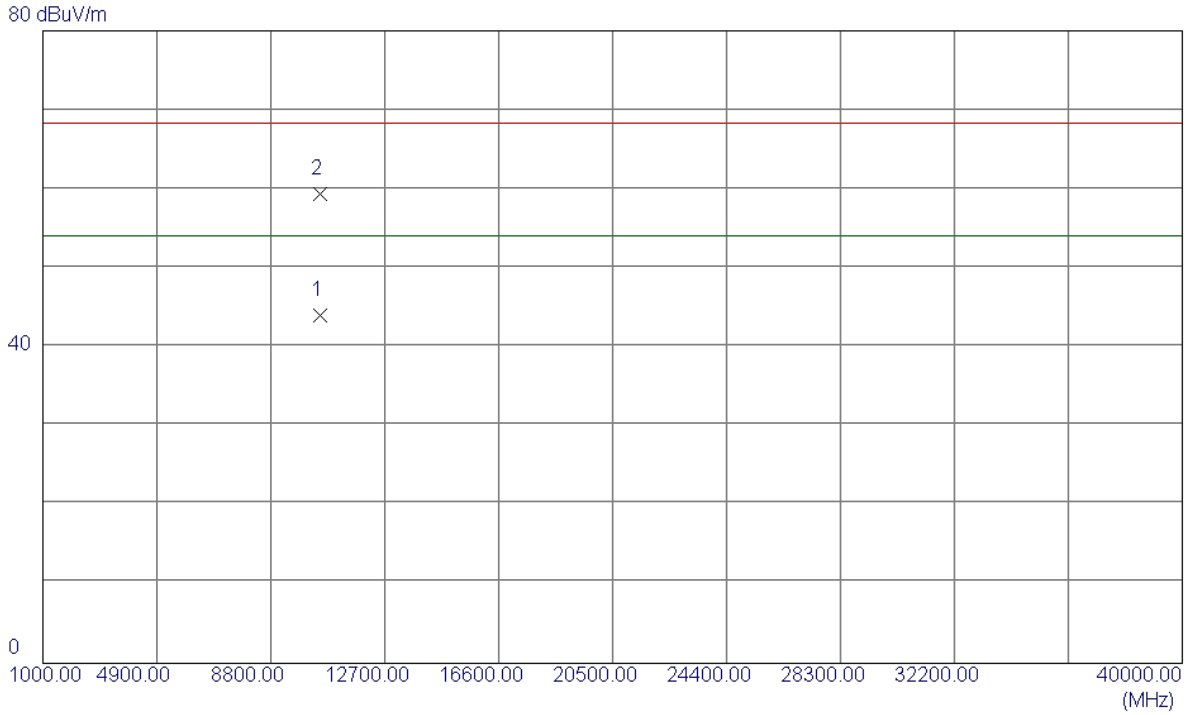
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5243.8000	35.68	40.42	76.10	54.00	22.10	AVG	No Limit
2	5244.3000	46.08	40.42	86.50	68.30	18.20	Peak	No Limit

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

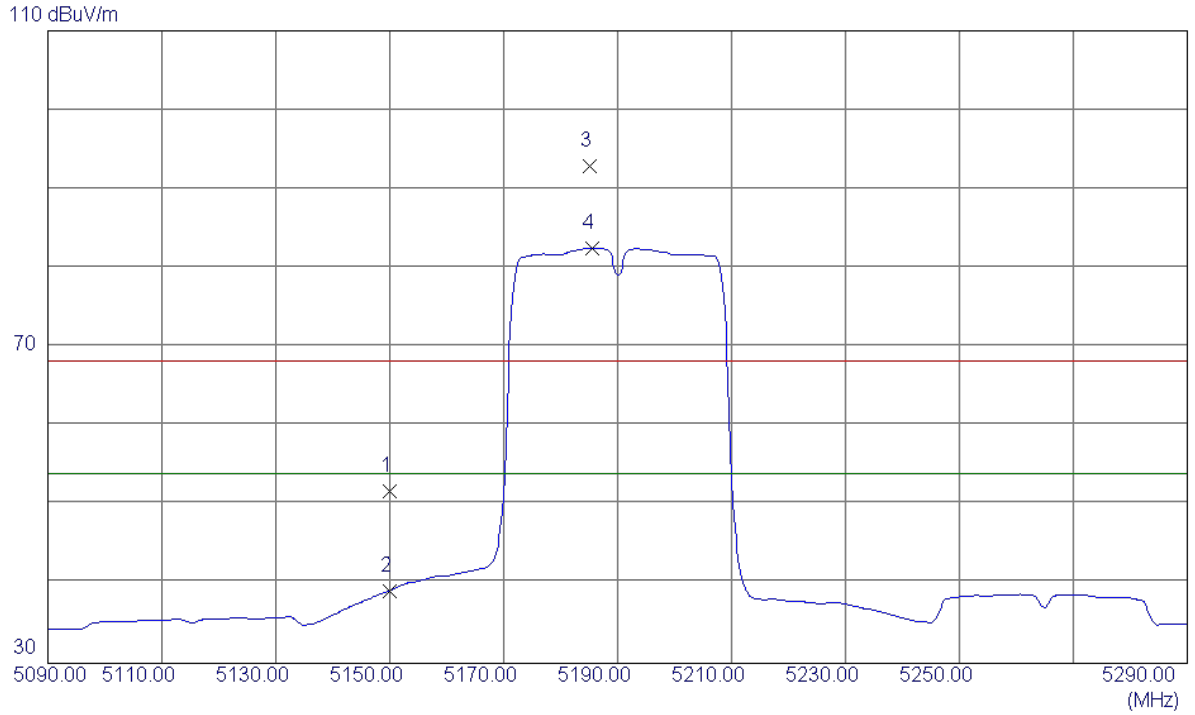
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10479.6200	29.37	14.56	43.93	54.00	-10.07	AVG	
2	10479.8000	44.73	14.56	59.29	68.30	-9.01	Peak	

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

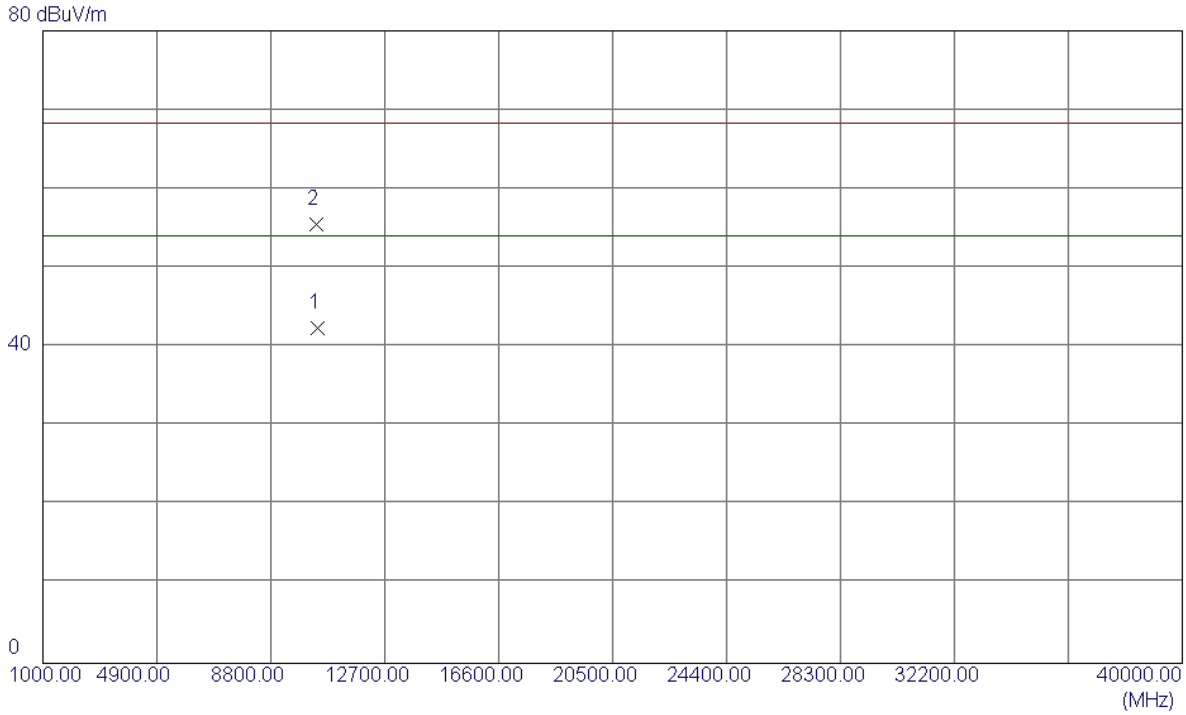
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	11.57	40.22	51.79	68.30	-16.51	Peak	
2	5150.0000	-1.03	40.22	39.19	54.00	-14.81	AVG	
3	5185.2000	52.63	40.29	92.92	68.30	24.62	Peak	No Limit
4	5185.6000	42.22	40.29	82.51	54.00	28.51	AVG	No Limit

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

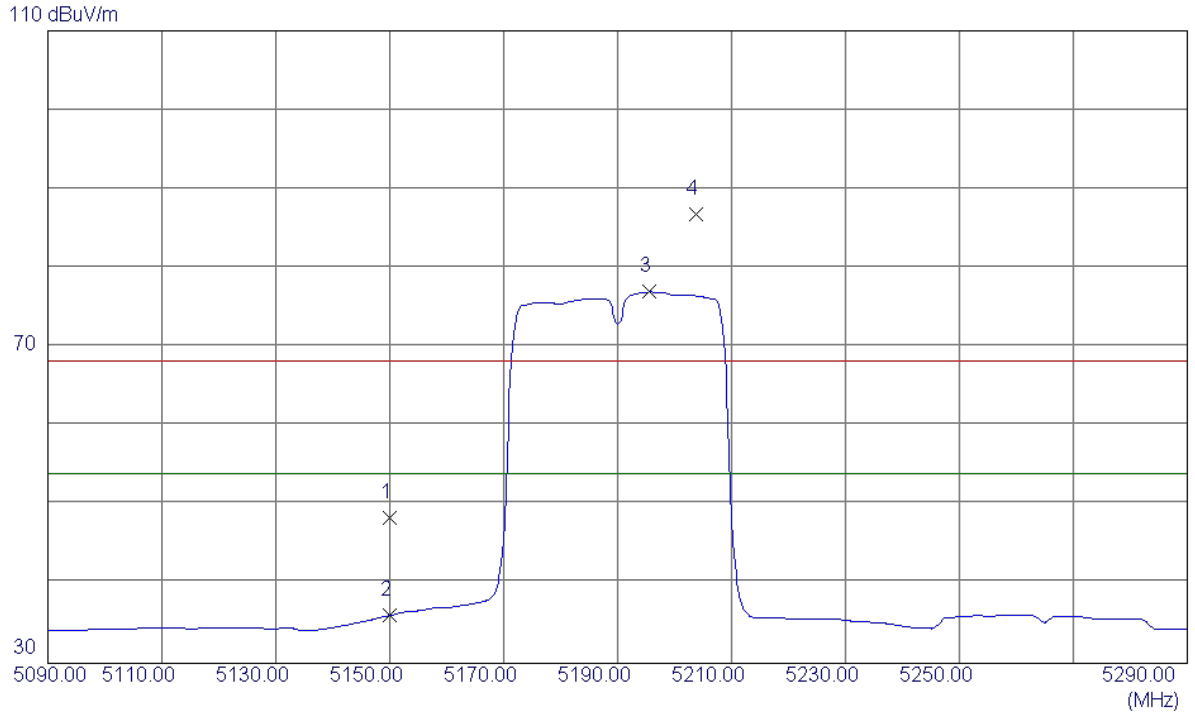
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10381.8000	28.04	14.37	42.41	54.00	-11.59	AVG	
2	10380.8000	41.14	14.37	55.51	68.30	-12.79	Peak	

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

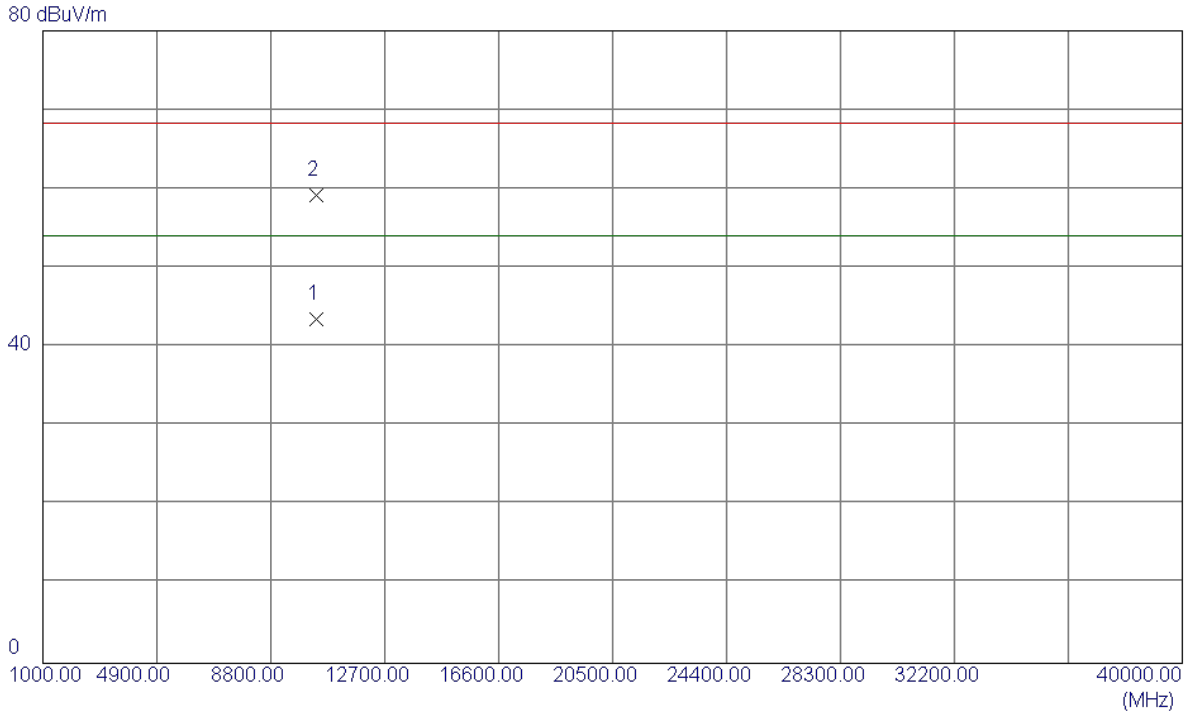
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.11	40.22	48.33	68.30	-19.97	Peak	
2	5150.0000	-4.16	40.22	36.06	54.00	-17.94	AVG	
3	5195.6000	36.66	40.31	76.97	54.00	22.97	AVG	No Limit
4	5203.8000	46.47	40.33	86.80	68.30	18.50	Peak	No Limit

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

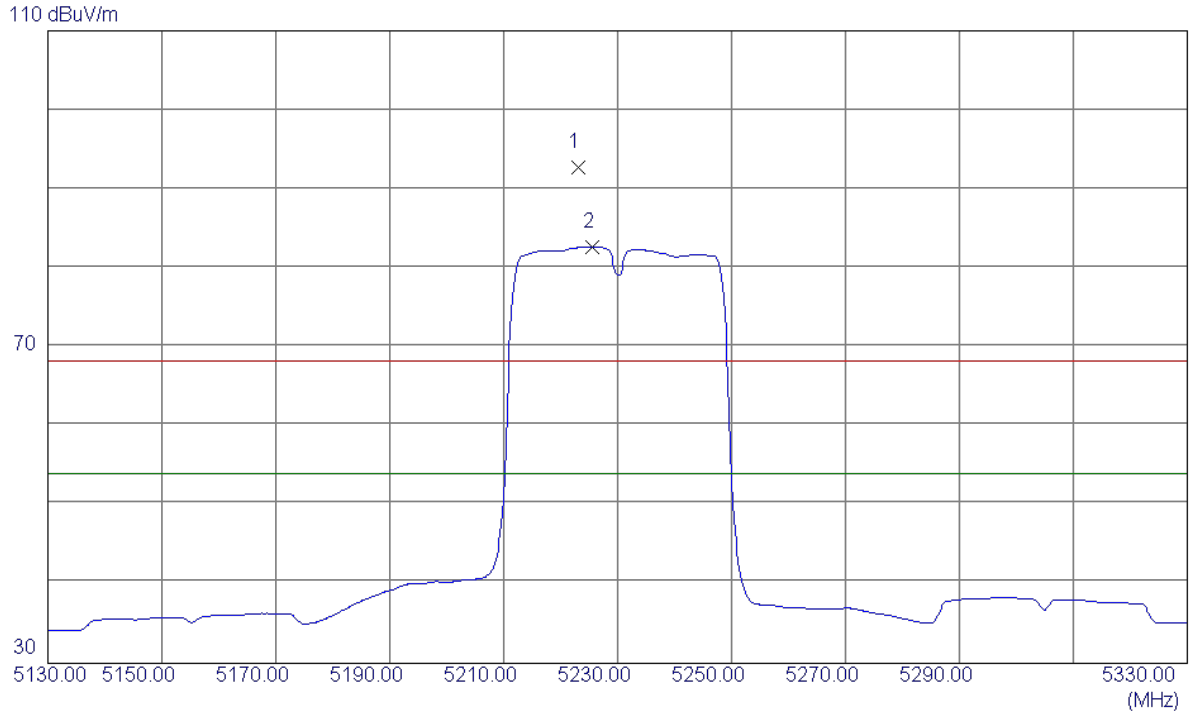
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10380.4000	29.14	14.37	43.51	54.00	-10.49	AVG	
2	10380.4000	44.76	14.37	59.13	68.30	-9.17	Peak	

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

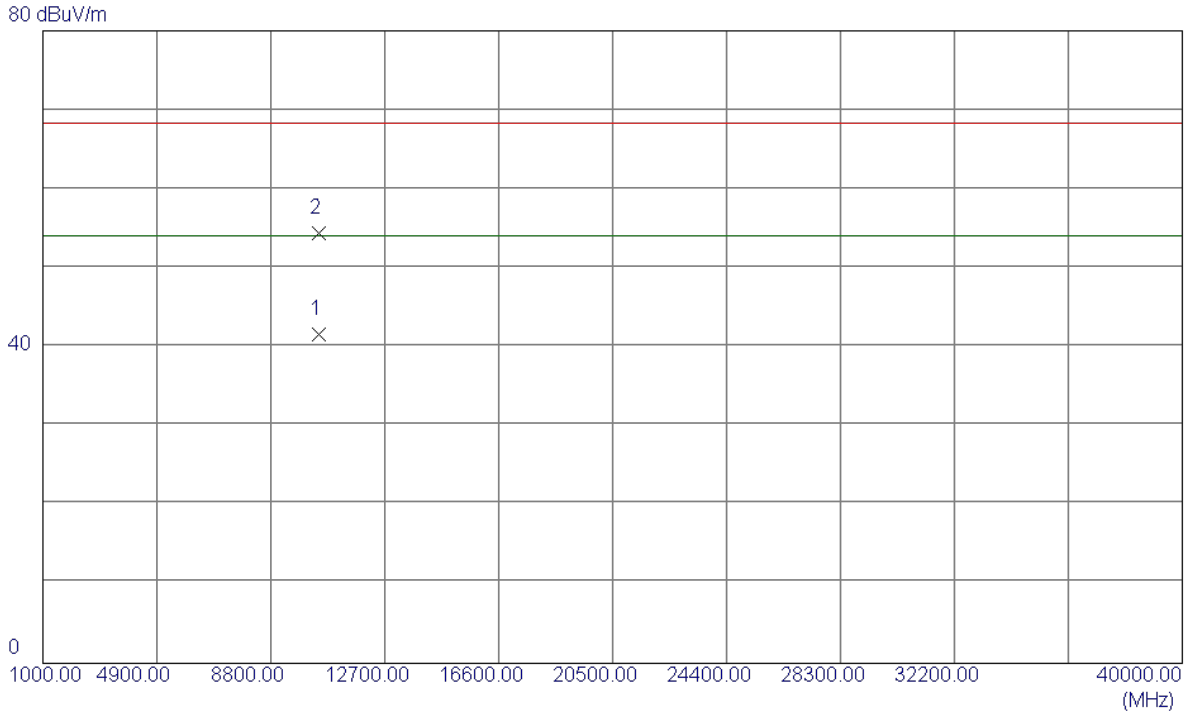
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5223.0000	52.36	40.37	92.73	68.30	24.43	Peak	No Limit
2	5225.6000	42.32	40.38	82.70	54.00	28.70	AVG	No Limit

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

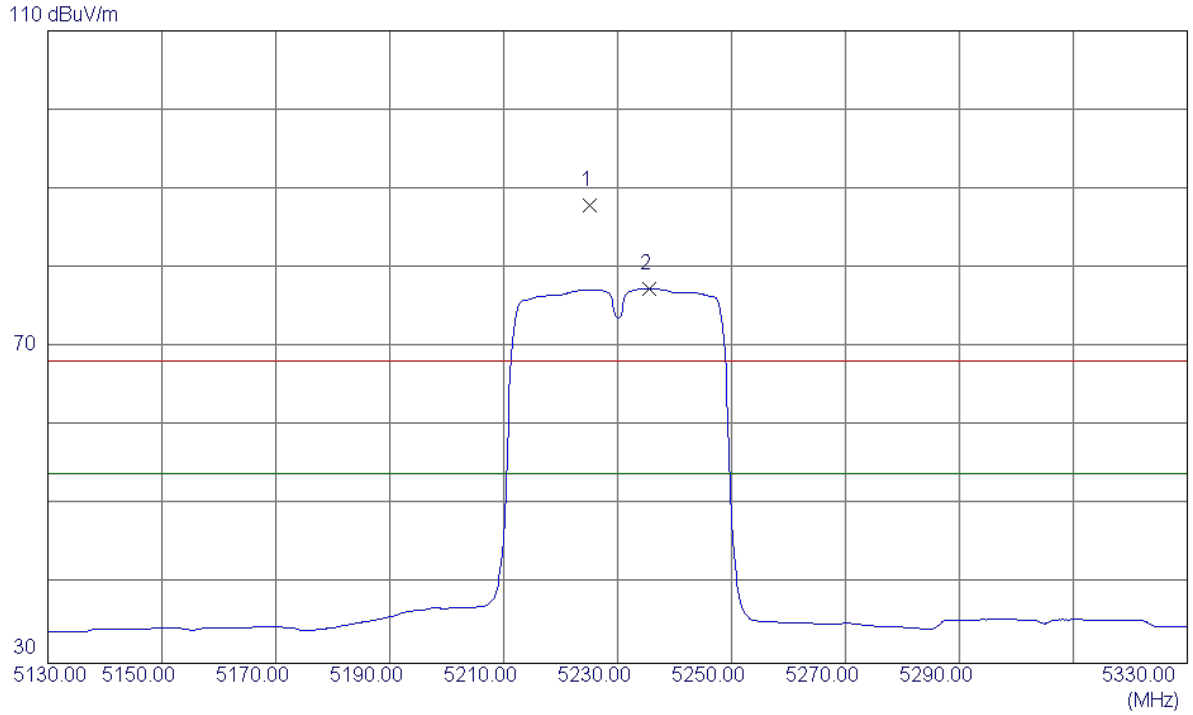
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10462.2000	27.07	14.53	41.60	54.00	-12.40	AVG	
2	10460.2000	39.89	14.52	54.41	68.30	-13.89	Peak	

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

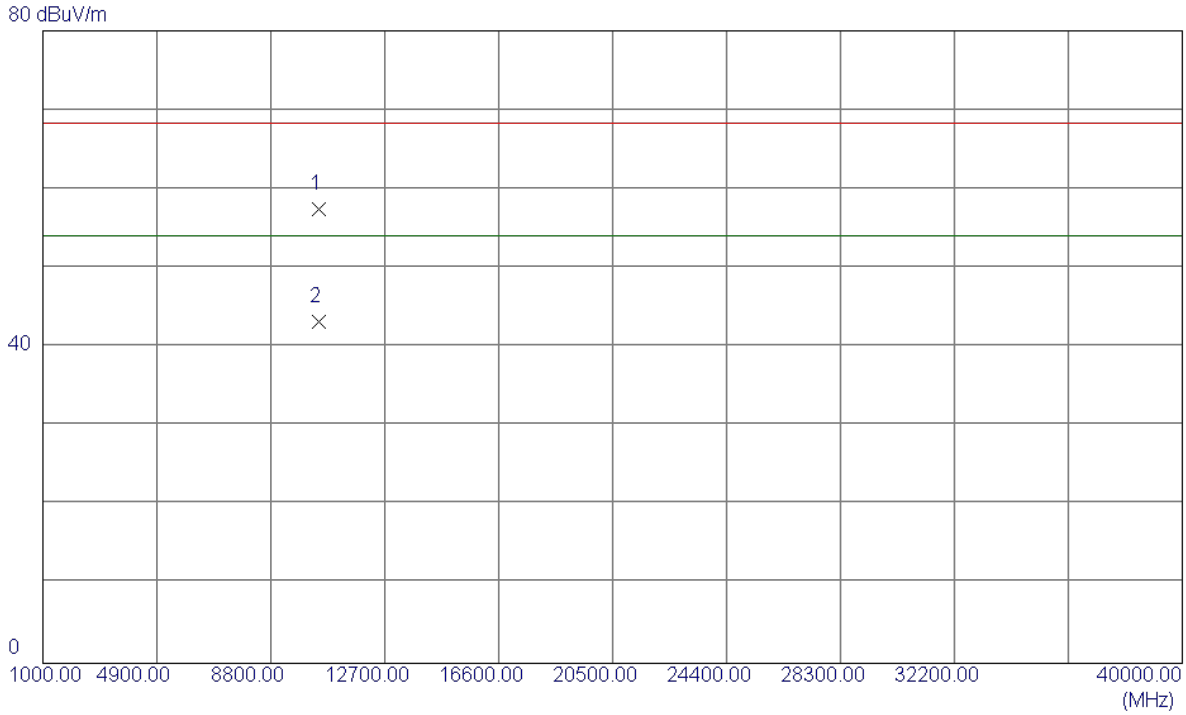
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5225.2000	47.59	40.38	87.97	68.30	19.67	Peak	No Limit
2	5235.6000	37.03	40.40	77.43	54.00	23.43	AVG	No Limit

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

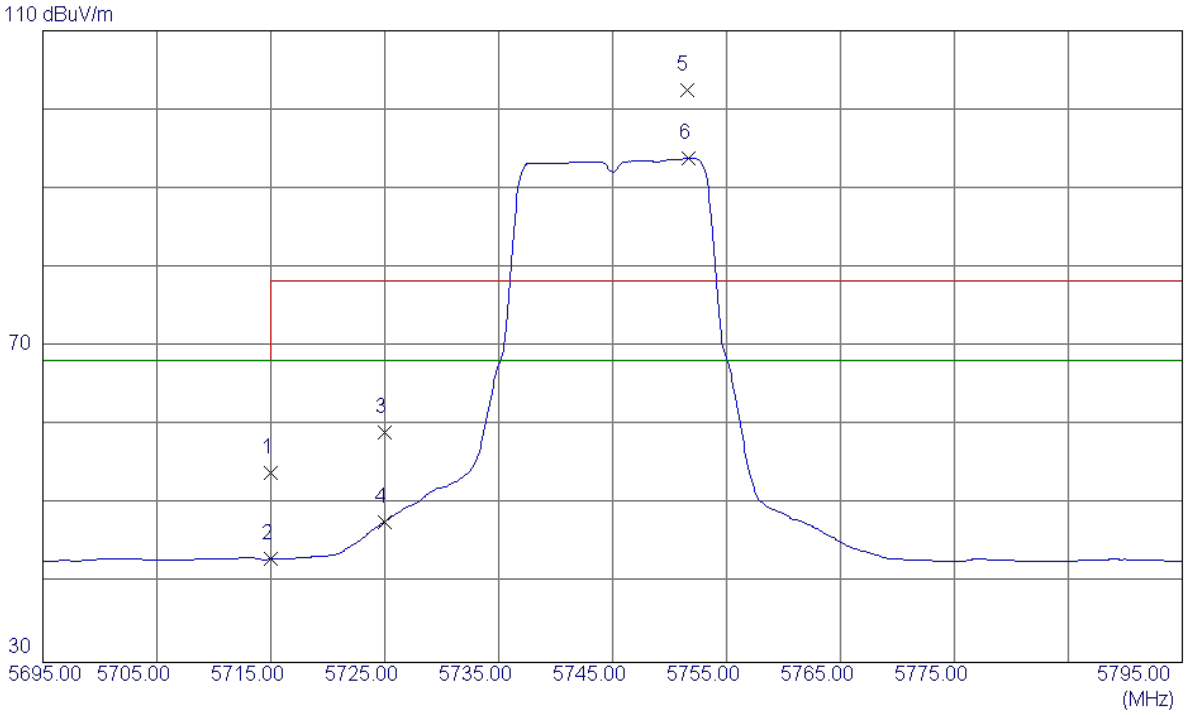
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10462.2000	42.84	14.53	57.37	68.30	-10.93	Peak	
2	10461.8000	28.66	14.53	43.19	54.00	-10.81	AVG	

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

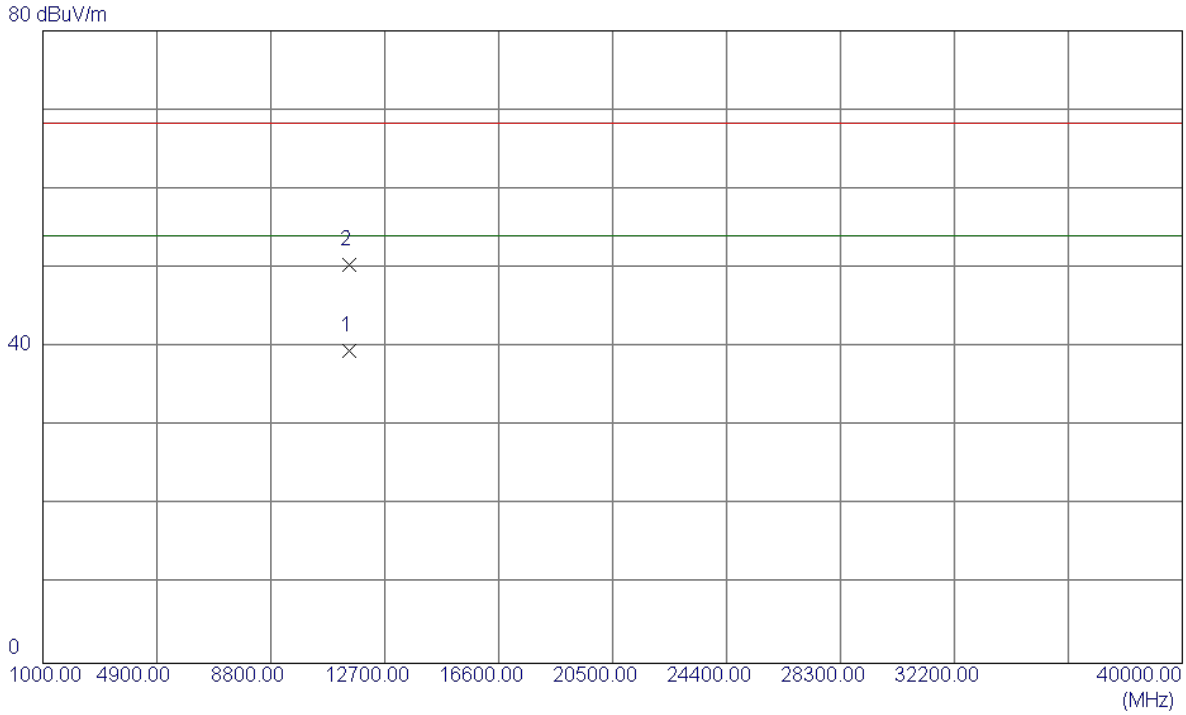
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	12.80	41.25	54.05	68.30	-14.25	Peak	
2	5715.0000	1.83	41.25	43.08	68.30	-25.22	AVG	
3	5725.0000	17.83	41.27	59.10	78.30	-19.20	Peak	
4	5725.0000	6.51	41.27	47.78	68.30	-20.52	AVG	
5	5751.5000	61.24	41.30	102.54	78.30	24.24	Peak	No Limit
6	5751.7000	52.55	41.30	93.85	68.30	25.55	AVG	No Limit

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

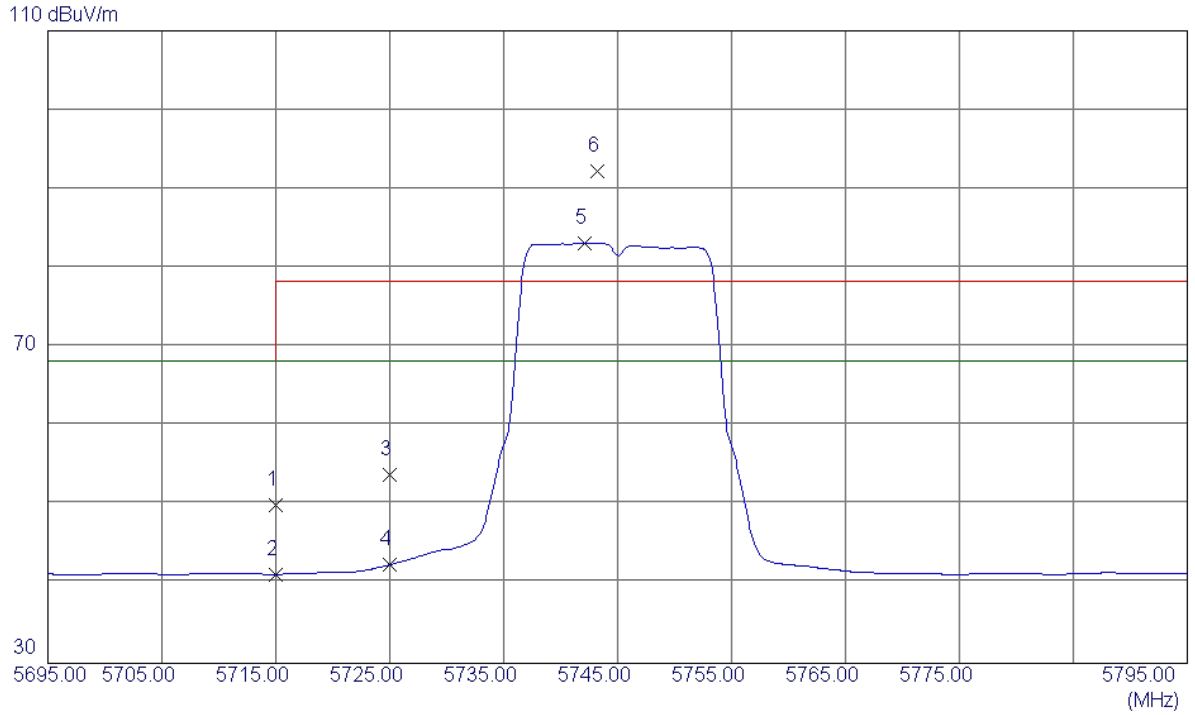
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.0000	23.94	15.52	39.46	54.00	-14.54	AVG	
2	11490.4000	34.93	15.52	50.45	68.30	-17.85	Peak	

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

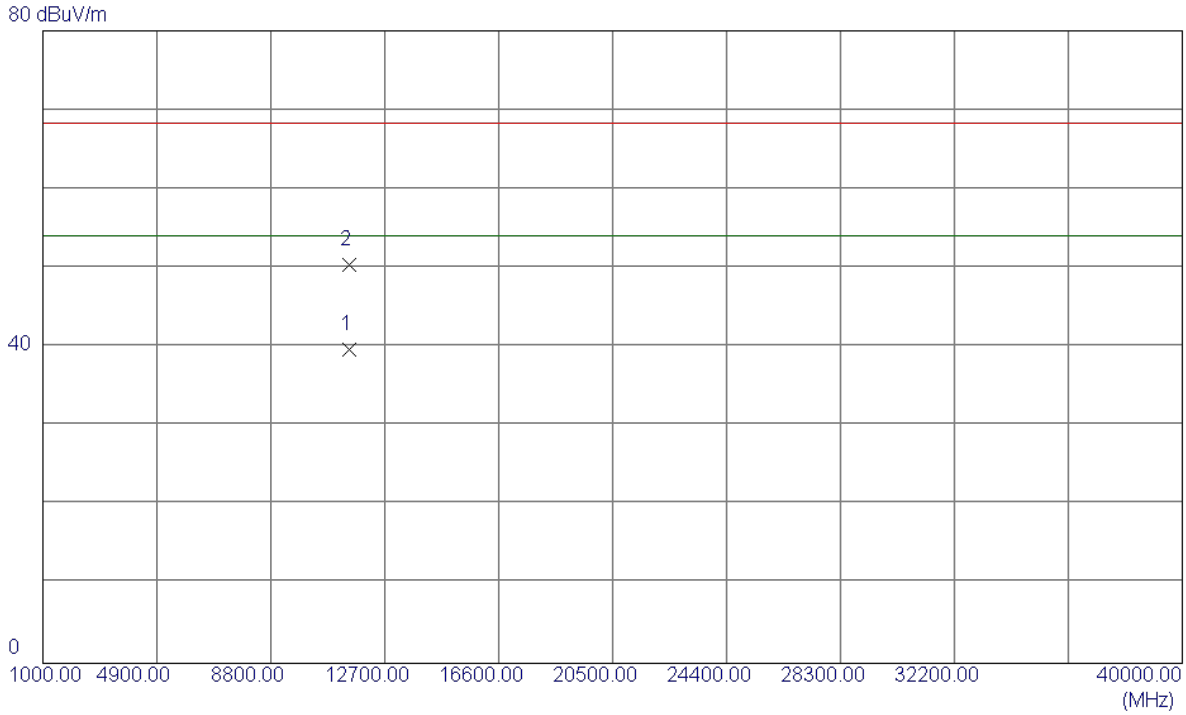
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	8.75	41.25	50.00	68.30	-18.30	Peak	
2	5715.0000	0.00	41.25	41.25	68.30	-27.05	AVG	
3	5725.0000	12.57	41.27	53.84	78.30	-24.46	Peak	
4	5725.0000	1.21	41.27	42.48	68.30	-25.82	AVG	
5	5742.1000	41.89	41.29	83.18	68.30	14.88	AVG	No Limit
6	5743.2000	51.03	41.29	92.32	78.30	14.02	Peak	No Limit

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

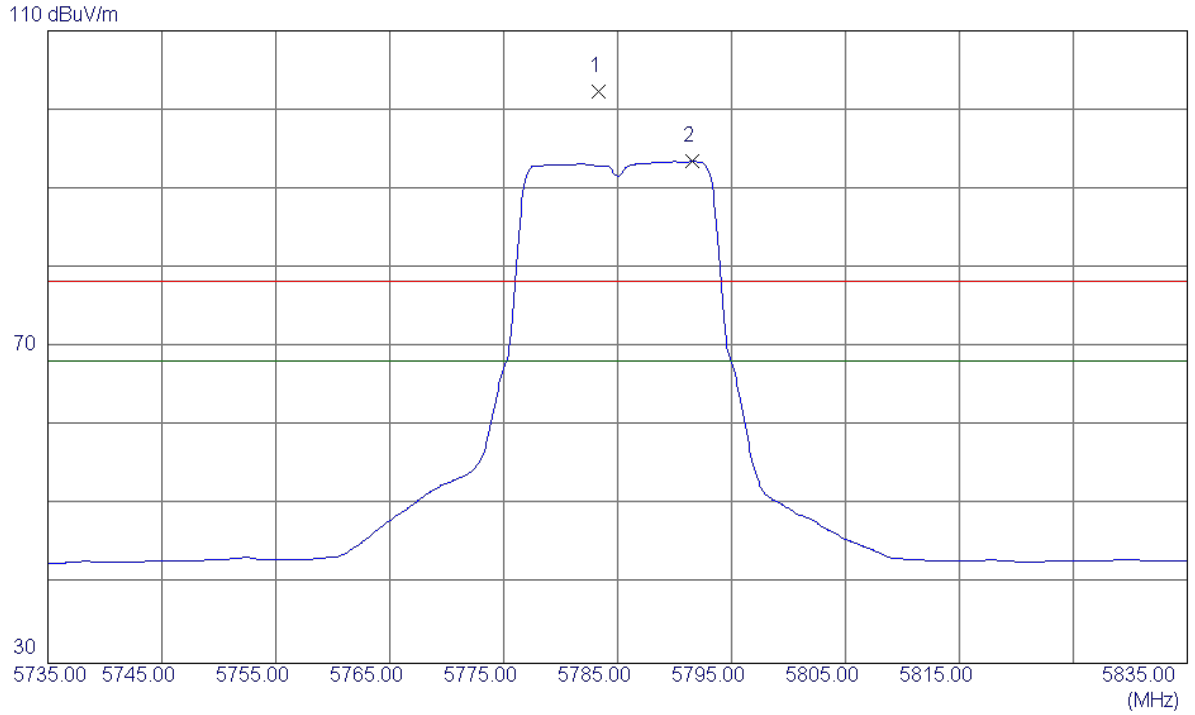
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11491.2000	24.22	15.52	39.74	54.00	-14.26	AVG	
2	11491.2000	34.82	15.52	50.34	68.30	-17.96	Peak	

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

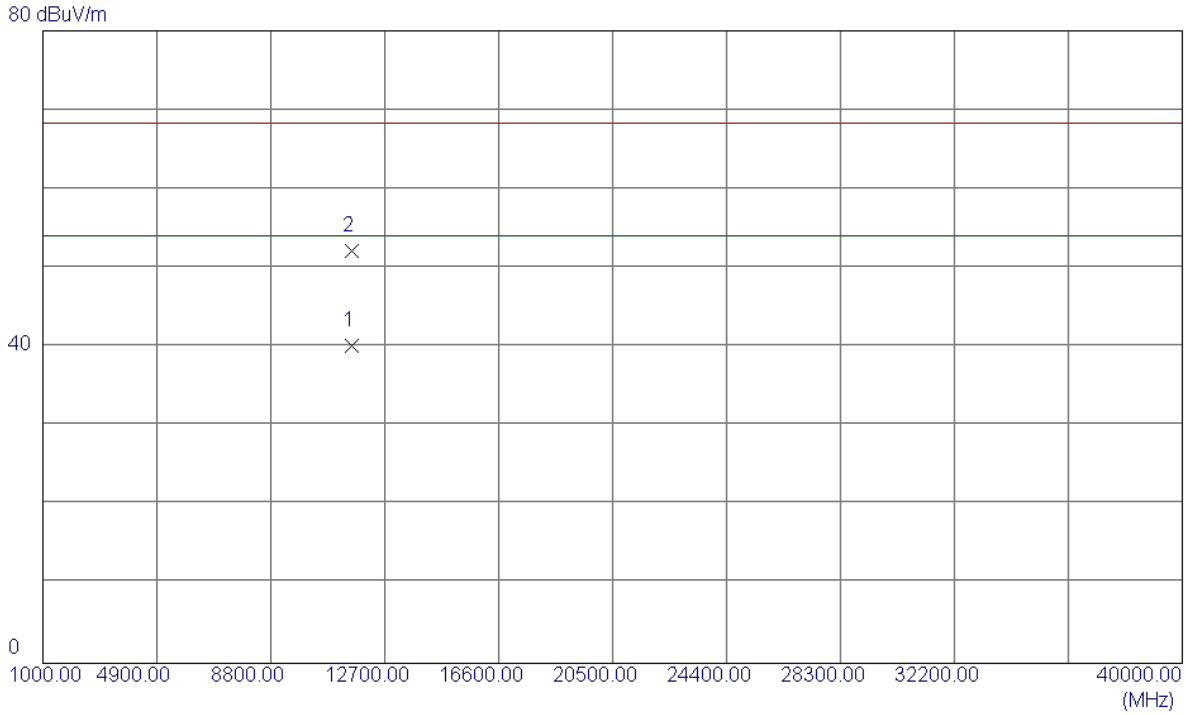
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5783.3000	60.98	41.35	102.33	78.30	24.03	Peak	No Limit
2	5791.6000	52.10	41.36	93.46	68.30	25.16	AVG	No Limit

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

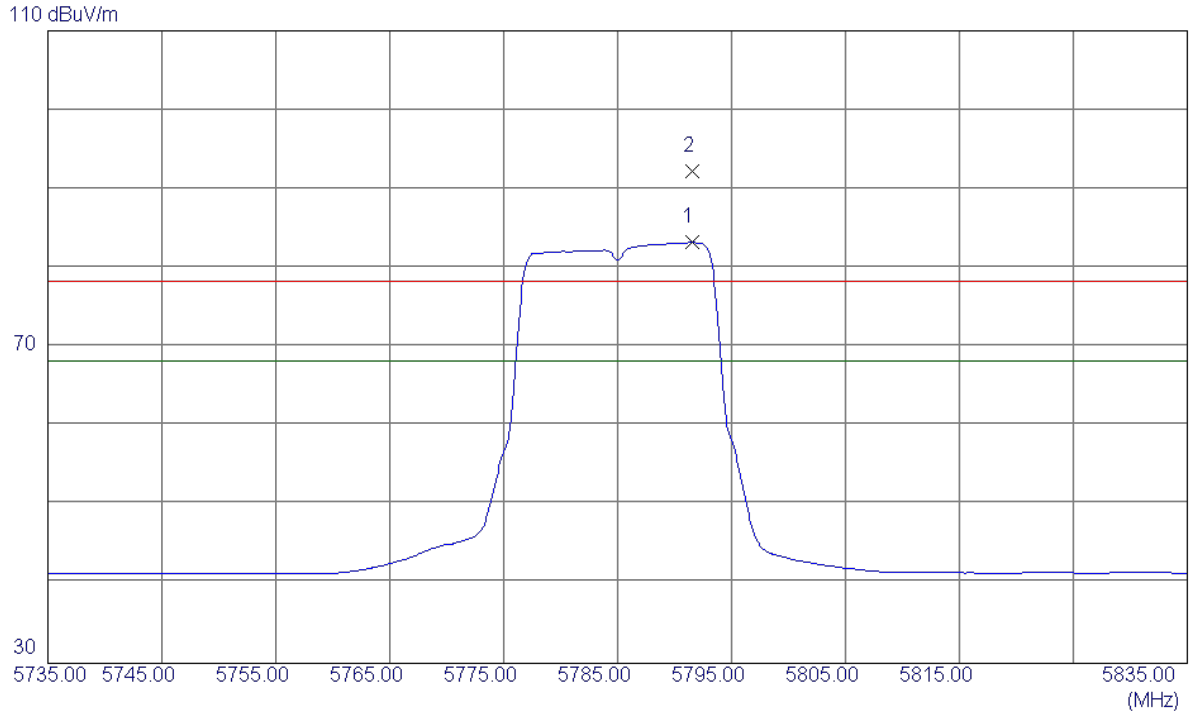
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11571.2000	24.58	15.55	40.13	54.00	-13.87	AVG	
2	11570.8000	36.68	15.55	52.23	68.30	-16.07	Peak	

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

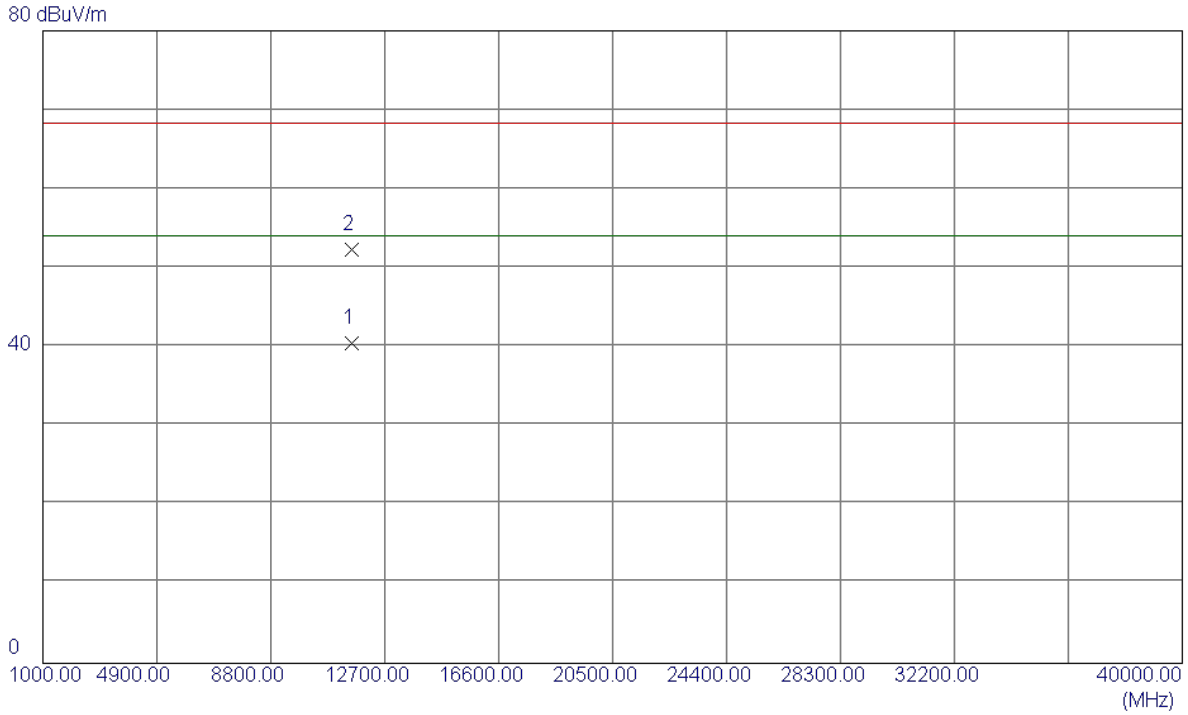
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5791.5000	41.86	41.36	83.22	68.30	14.92	AVG	No Limit
2	5791.6000	50.84	41.36	92.20	78.30	13.90	Peak	No Limit

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

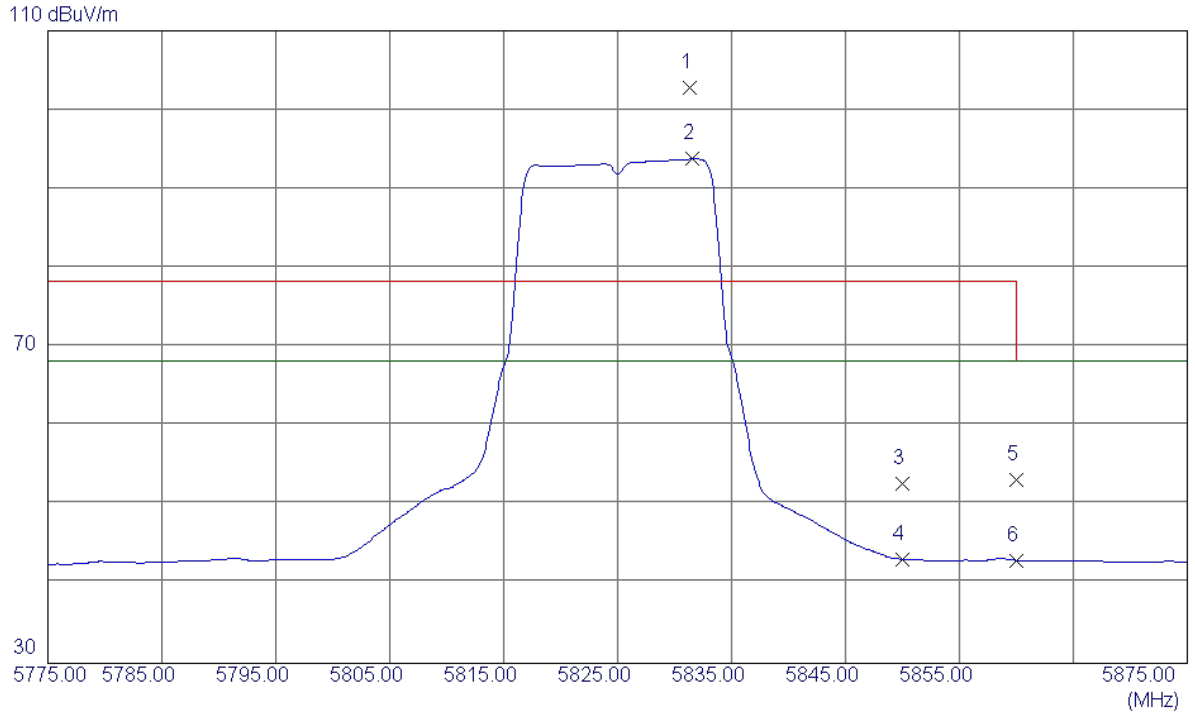
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11571.2000	24.94	15.55	40.49	54.00	-13.51	AVG	
2	11571.2000	36.82	15.55	52.37	68.30	-15.93	Peak	

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

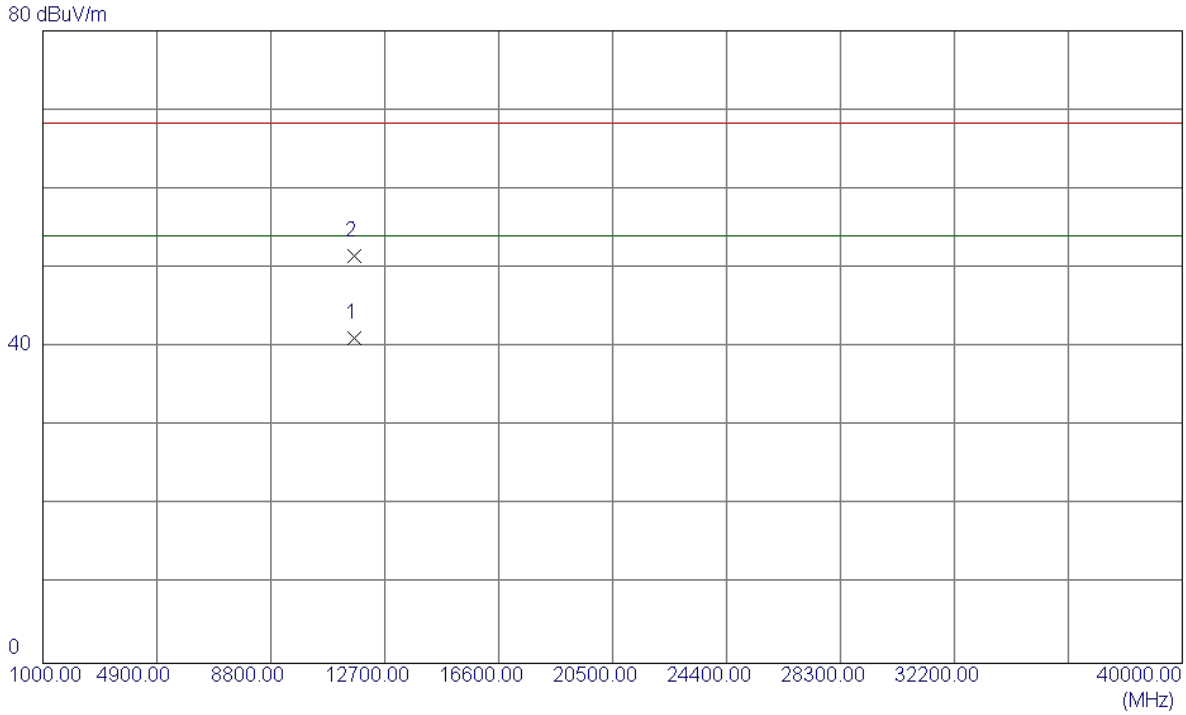
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5831.3000	61.36	41.41	102.77	78.30	24.47	Peak	No Limit
2	5831.6000	52.40	41.41	93.81	68.30	25.51	AVG	No Limit
3	5850.0000	11.31	41.44	52.75	78.30	-25.55	Peak	
4	5850.0000	1.74	41.44	43.18	68.30	-25.12	AVG	
5	5860.0000	11.77	41.45	53.22	78.30	-25.08	Peak	
6	5860.0000	1.58	41.45	43.03	68.30	-25.27	AVG	

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

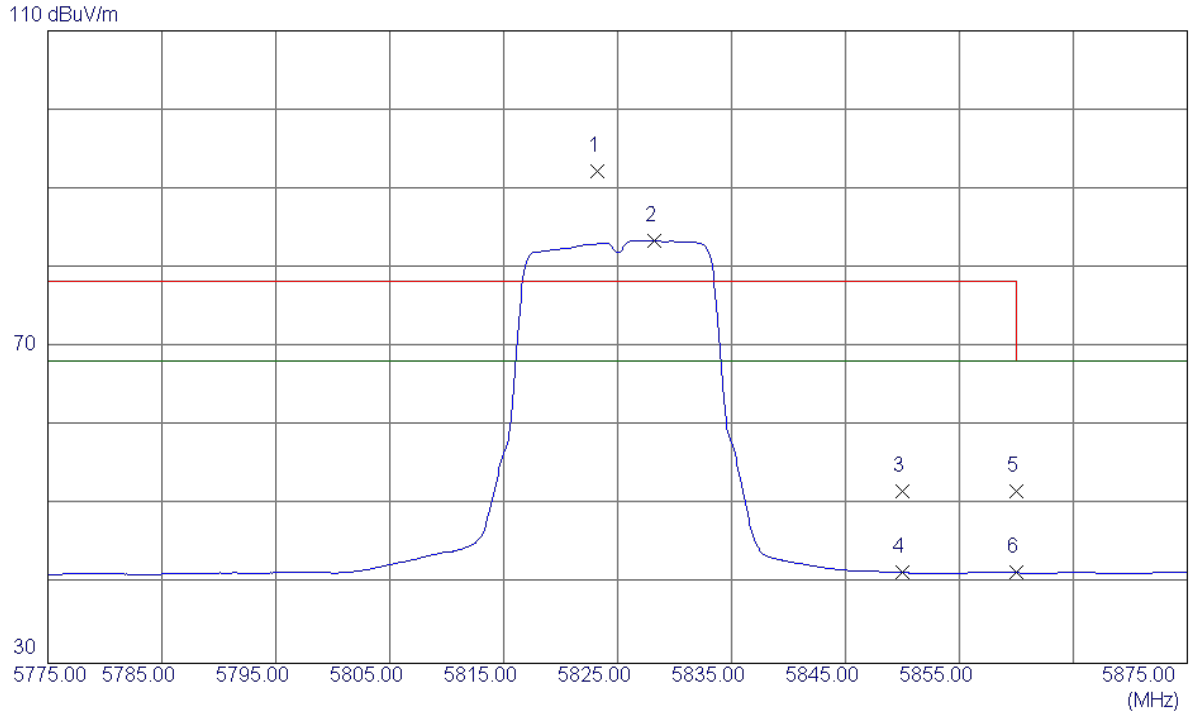
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.2000	25.56	15.58	41.14	54.00	-12.86	AVG	
2	11650.8000	35.91	15.58	51.49	68.30	-16.81	Peak	

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

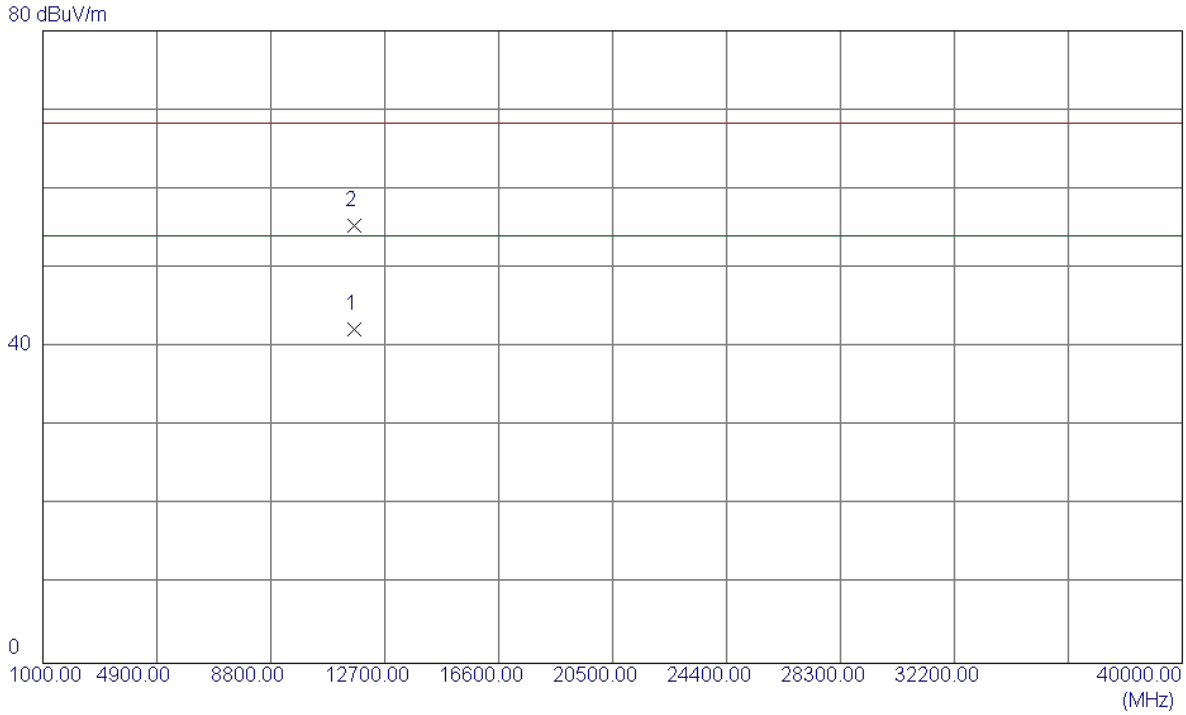
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5823.2000	50.89	41.40	92.29	78.30	13.99	Peak	No Limit
2	5828.2000	42.05	41.41	83.46	68.30	15.16	AVG	No Limit
3	5850.0000	10.27	41.44	51.71	78.30	-26.59	Peak	
4	5850.0000	0.03	41.44	41.47	68.30	-26.83	AVG	
5	5860.0000	10.24	41.45	51.69	78.30	-26.61	Peak	
6	5860.0000	0.00	41.45	41.45	68.30	-26.85	AVG	

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

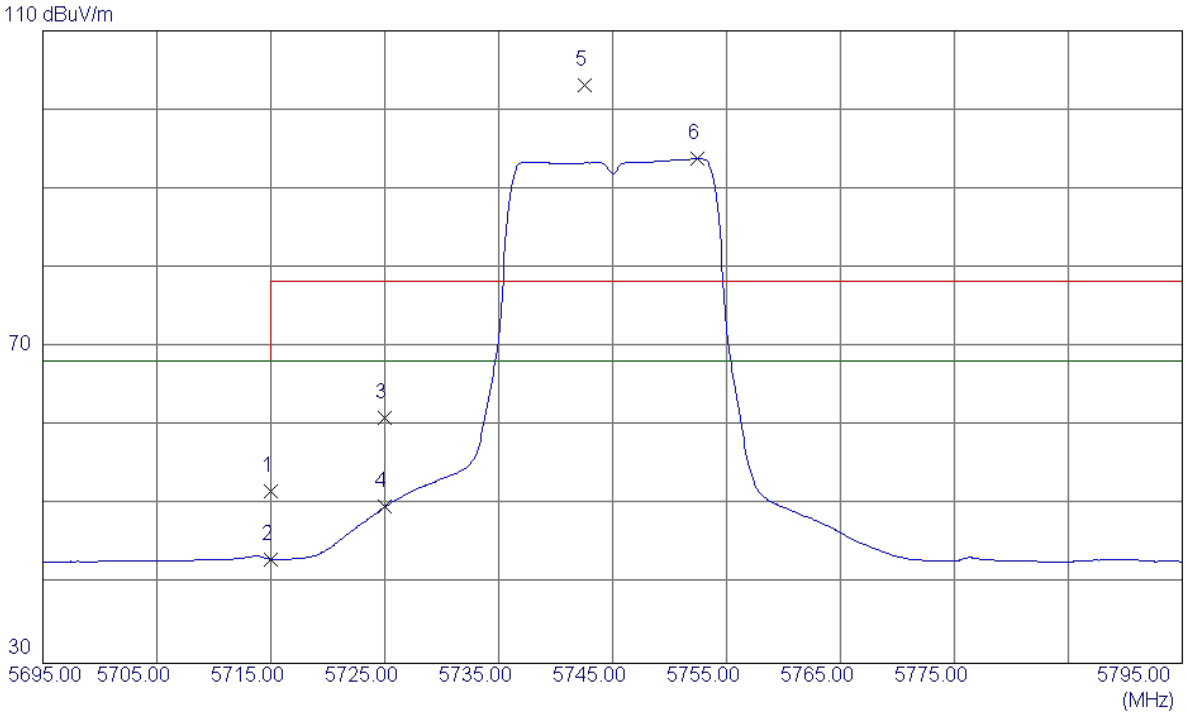
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.2000	26.69	15.58	42.27	54.00	-11.73	AVG	
2	11649.6000	39.81	15.58	55.39	68.30	-12.91	Peak	

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

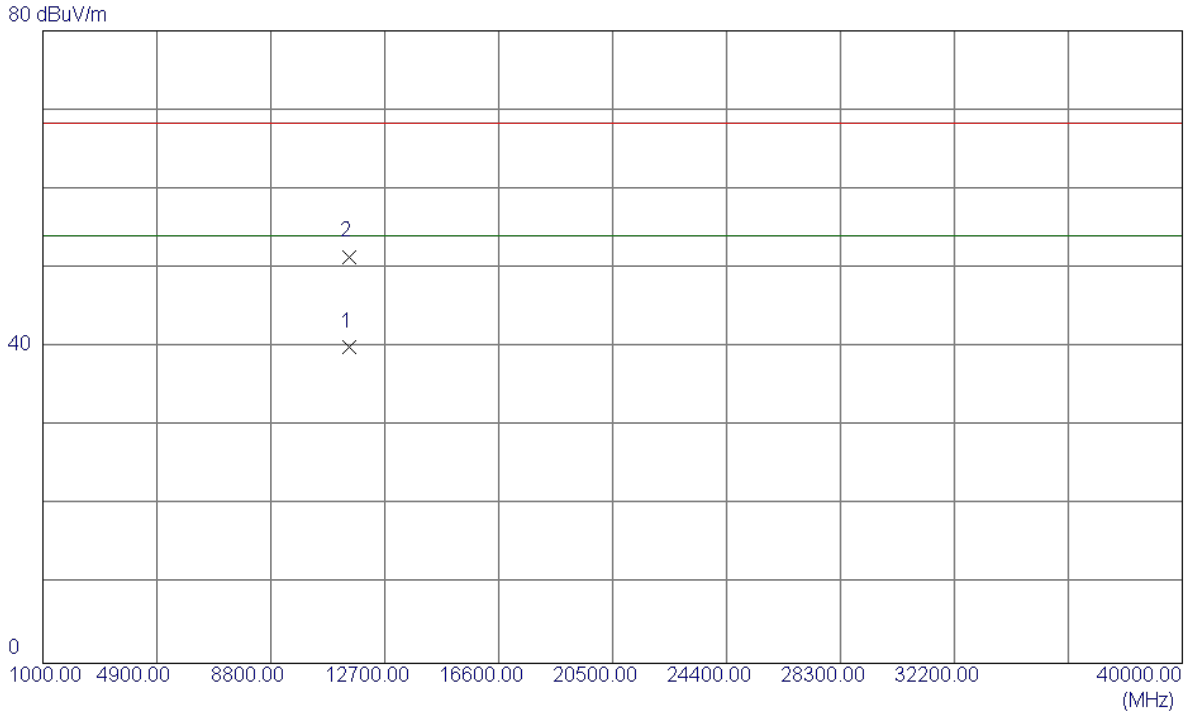
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	10.52	41.25	51.77	68.30	-16.53	Peak	
2	5715.0000	1.93	41.25	43.18	68.30	-25.12	AVG	
3	5725.0000	19.72	41.27	60.99	78.30	-17.31	Peak	
4	5725.0000	8.51	41.27	49.78	68.30	-18.52	AVG	
5	5742.6000	61.88	41.29	103.17	78.30	24.87	Peak	No Limit
6	5752.4000	52.52	41.30	93.82	68.30	25.52	AVG	No Limit

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

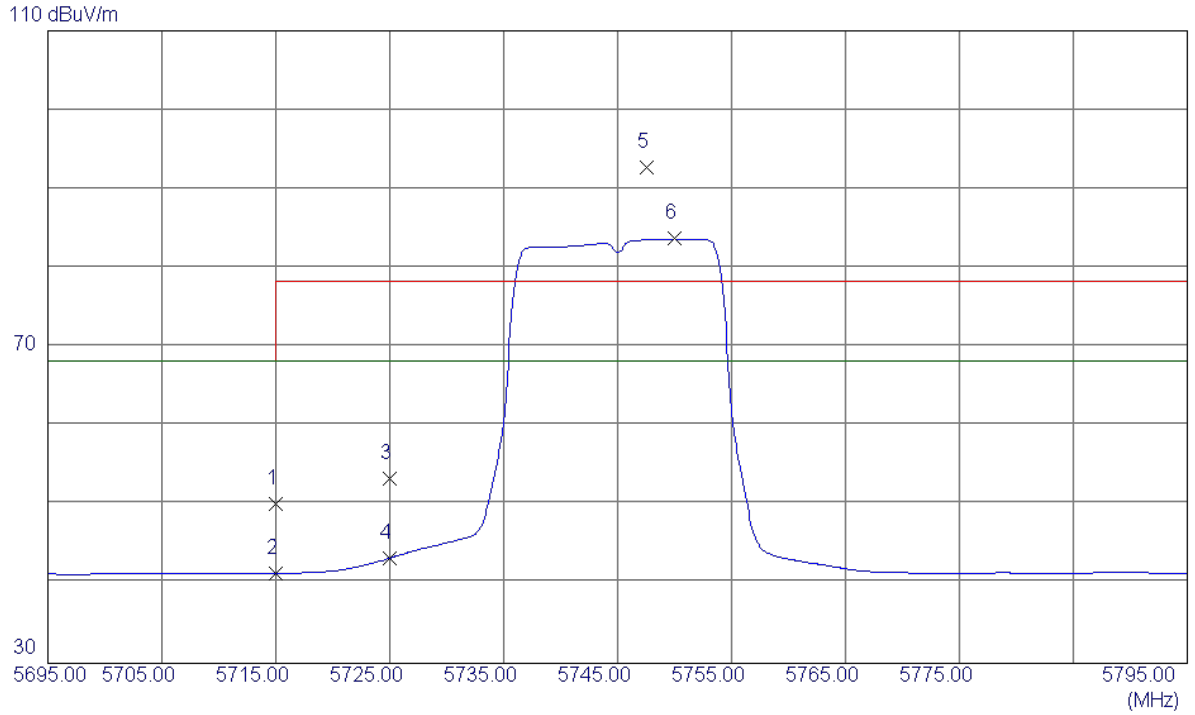
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11490.0000	24.46	15.52	39.98	54.00	-14.02	AVG	
2	11491.6000	35.92	15.52	51.44	68.30	-16.86	Peak	

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

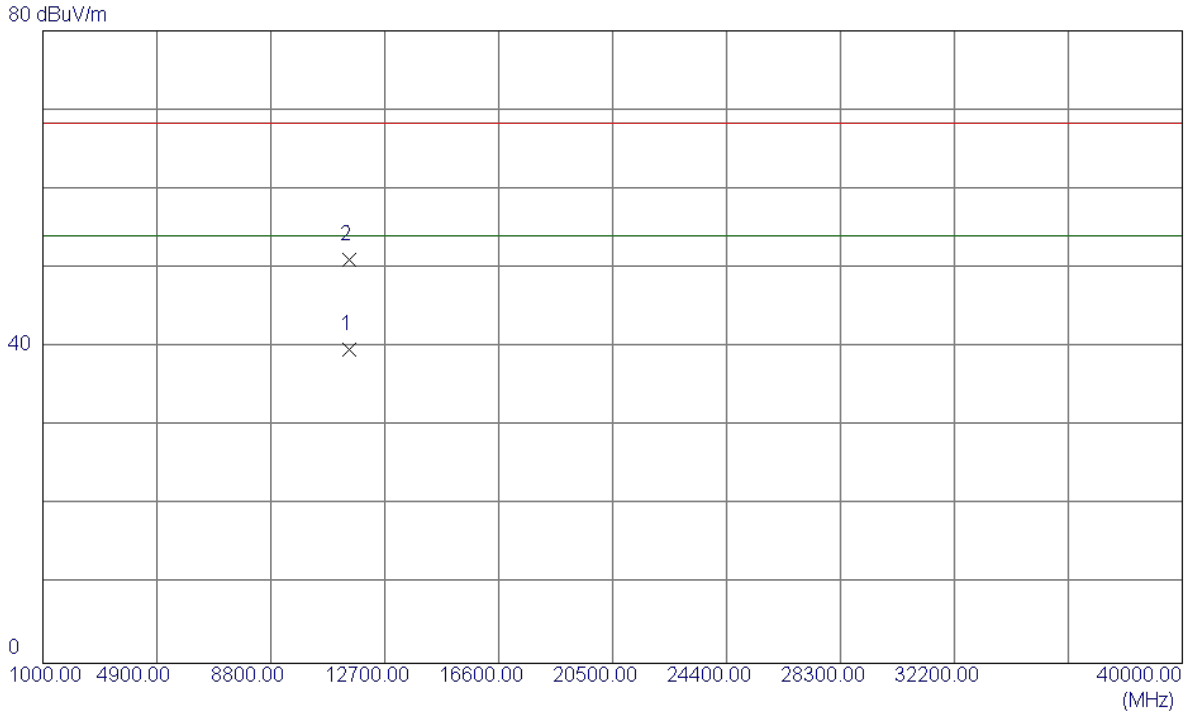
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	8.94	41.25	50.19	68.30	-18.11	Peak	
2	5715.0000	0.09	41.25	41.34	68.30	-26.96	AVG	
3	5725.0000	12.09	41.27	53.36	78.30	-24.94	Peak	
4	5725.0000	2.02	41.27	43.29	68.30	-25.01	AVG	
5	5747.6000	51.42	41.30	92.72	78.30	14.42	Peak	No Limit
6	5750.0000	42.38	41.30	83.68	68.30	15.38	AVG	No Limit

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

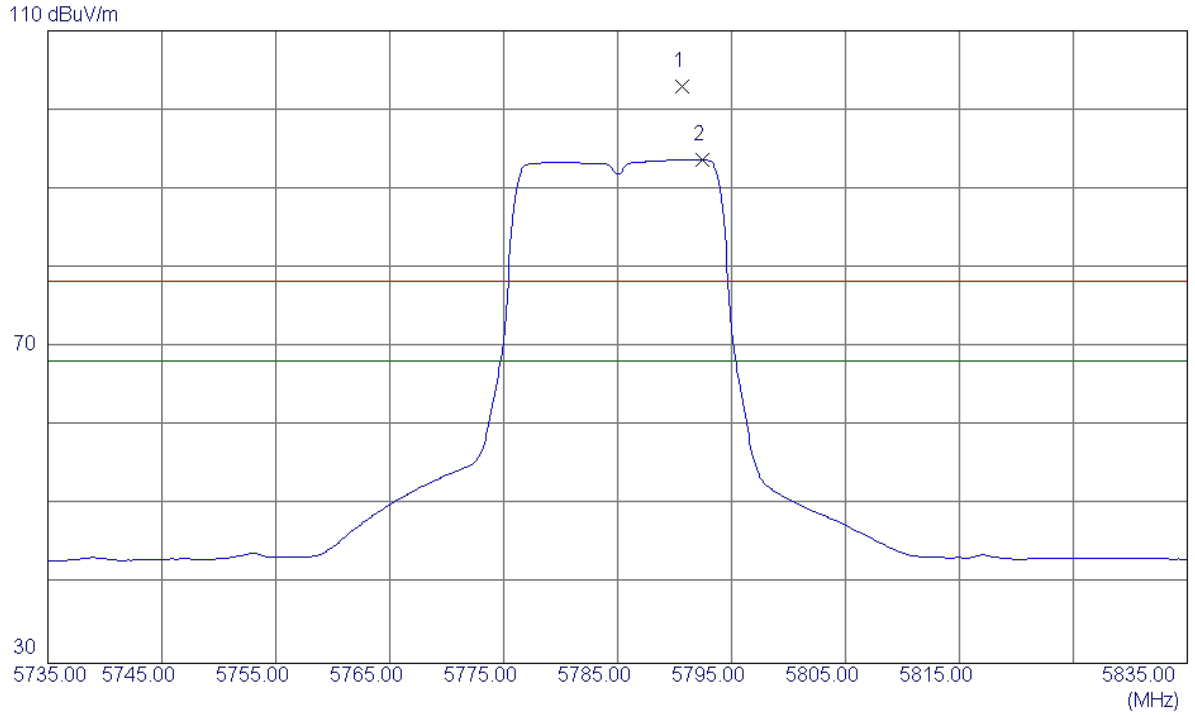
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11491.2000	24.15	15.52	39.67	54.00	-14.33	AVG	
2	11488.0000	35.55	15.52	51.07	68.30	-17.23	Peak	

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

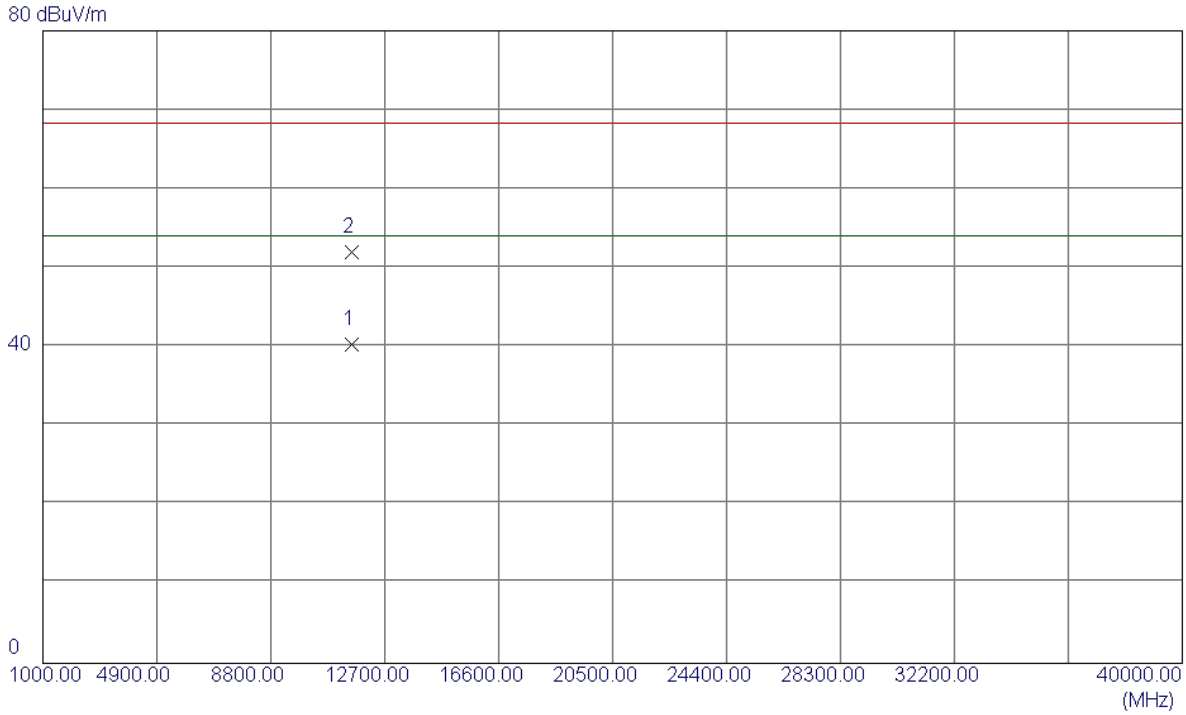
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5790.7000	61.61	41.36	102.97	78.30	24.67	Peak	No Limit
2	5792.4000	52.31	41.36	93.67	68.30	25.37	AVG	No Limit

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

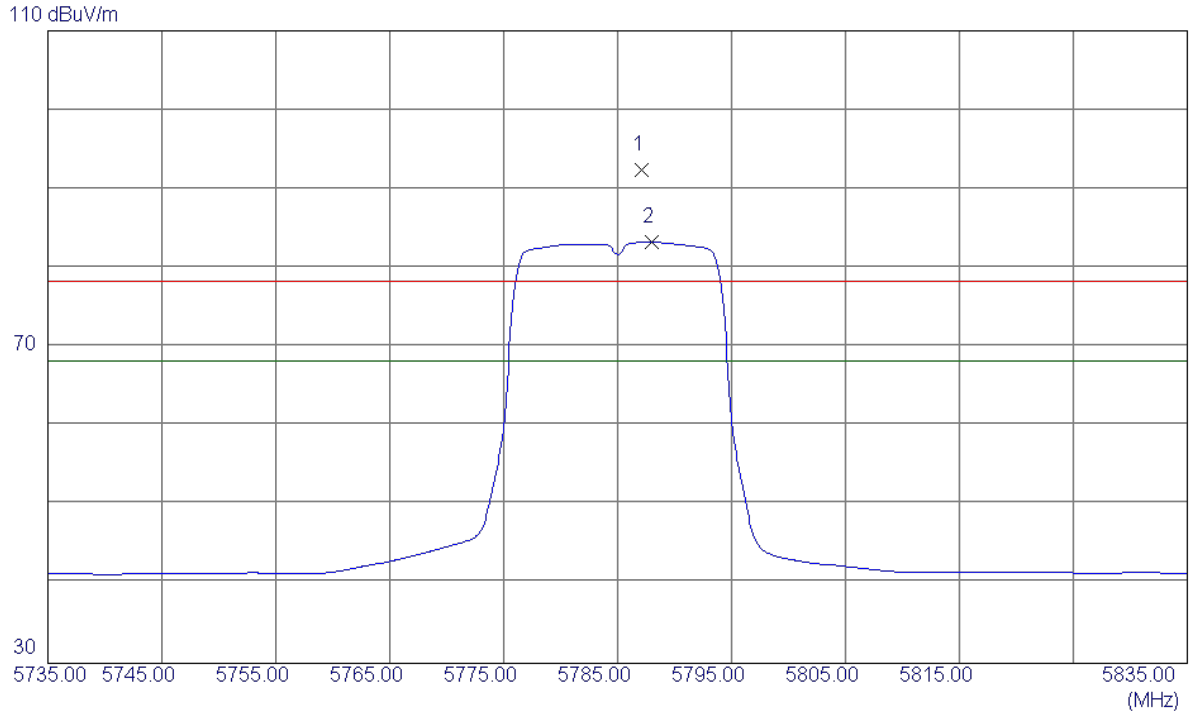
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11570.8000	24.83	15.55	40.38	54.00	-13.62	AVG	
2	11570.0000	36.42	15.55	51.97	68.30	-16.33	Peak	

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

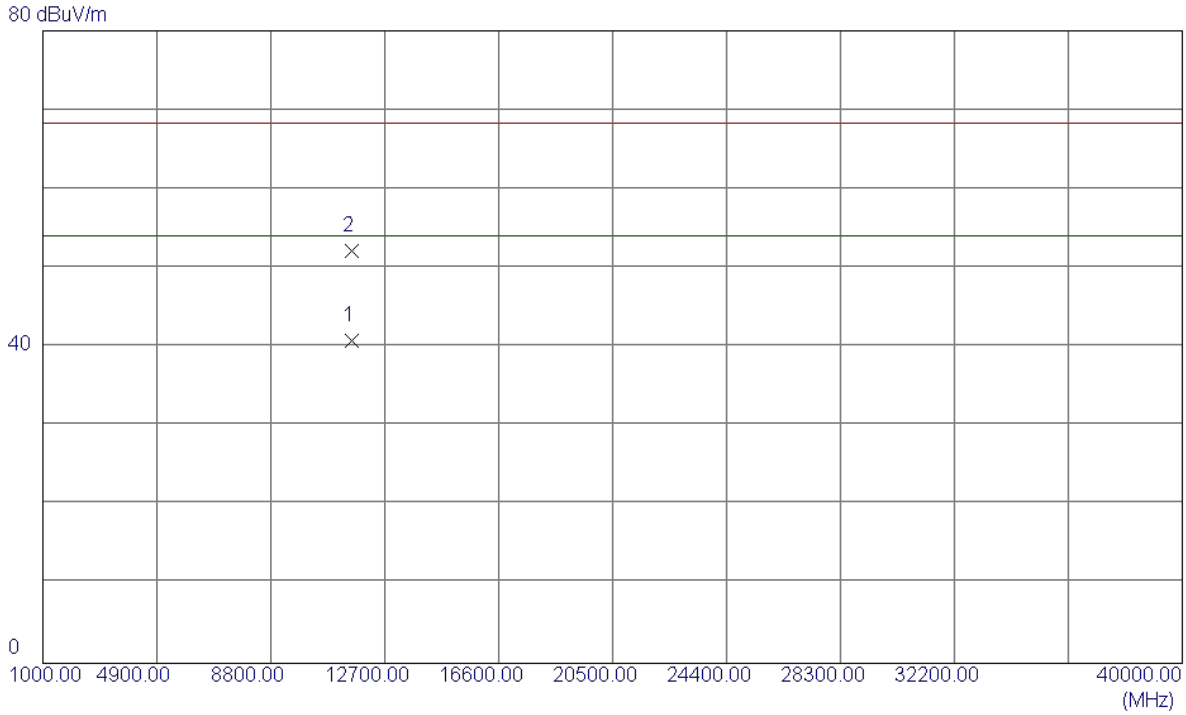
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5787.1000	51.03	41.35	92.38	78.30	14.08	Peak	No Limit
2	5788.0000	41.92	41.35	83.27	68.30	14.97	AVG	No Limit

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

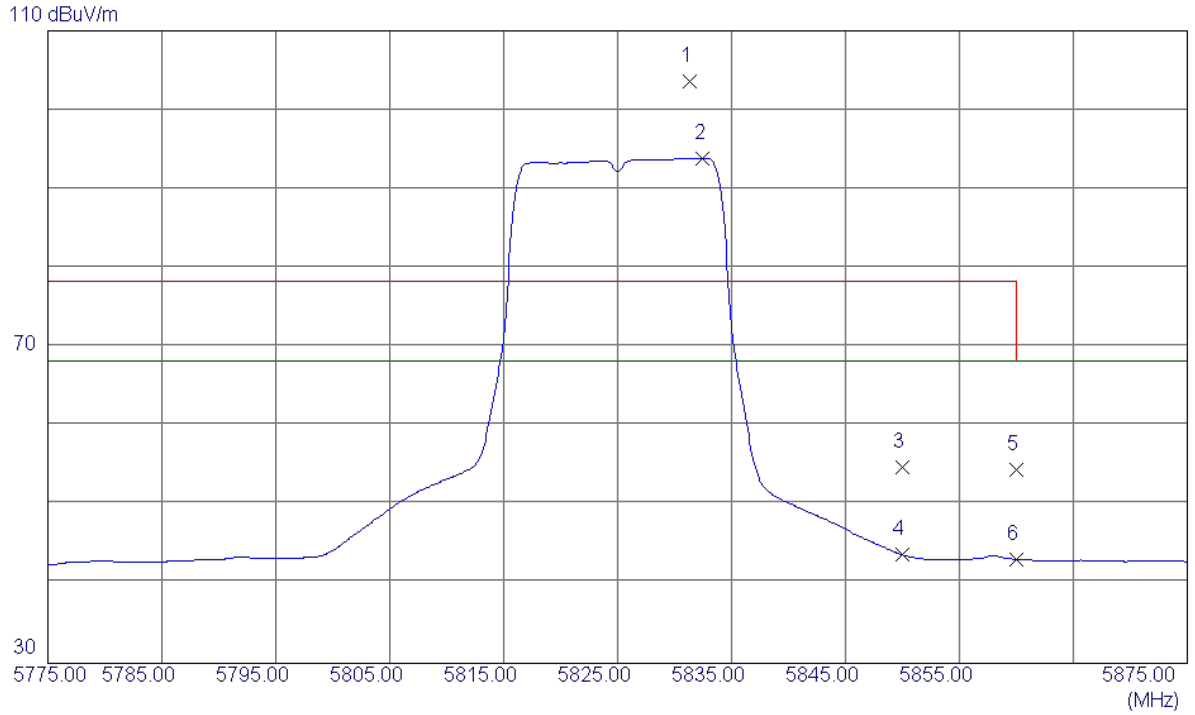
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11572.4000	25.25	15.55	40.80	54.00	-13.20	AVG	
2	11570.0000	36.66	15.55	52.21	68.30	-16.09	Peak	

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

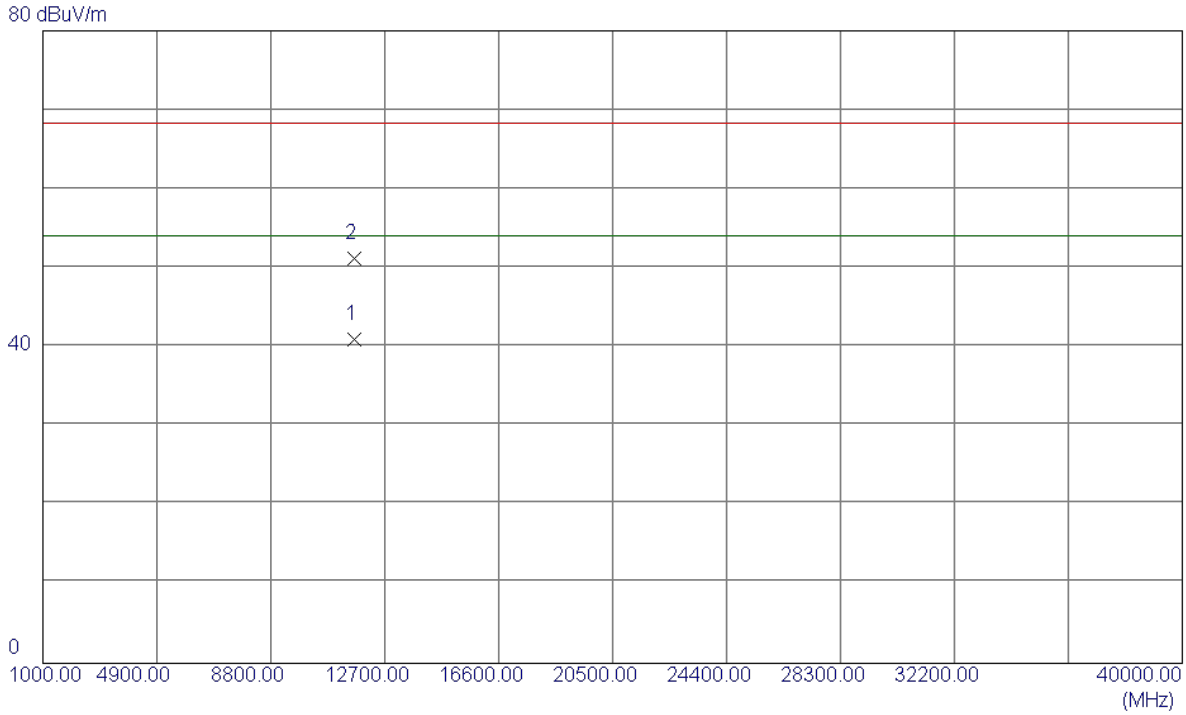
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5831.3000	62.20	41.41	103.61	78.30	25.31	Peak	No Limit
2	5832.5000	52.49	41.41	93.90	68.30	25.60	AVG	No Limit
3	5850.0000	13.39	41.44	54.83	78.30	-23.47	Peak	
4	5850.0000	2.27	41.44	43.71	68.30	-24.59	AVG	
5	5860.0000	13.09	41.45	54.54	78.30	-23.76	Peak	
6	5860.0000	1.69	41.45	43.14	68.30	-25.16	AVG	

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

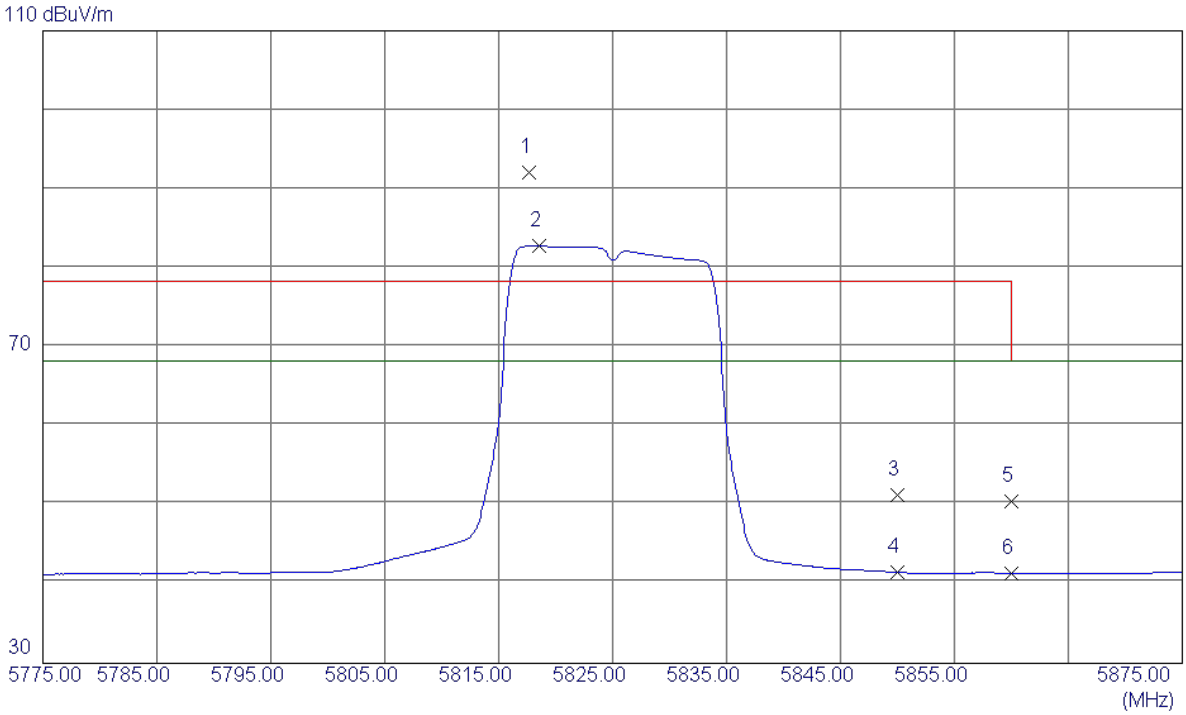
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.2000	25.41	15.58	40.99	54.00	-13.01	AVG	
2	11649.6000	35.61	15.58	51.19	68.30	-17.11	Peak	

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

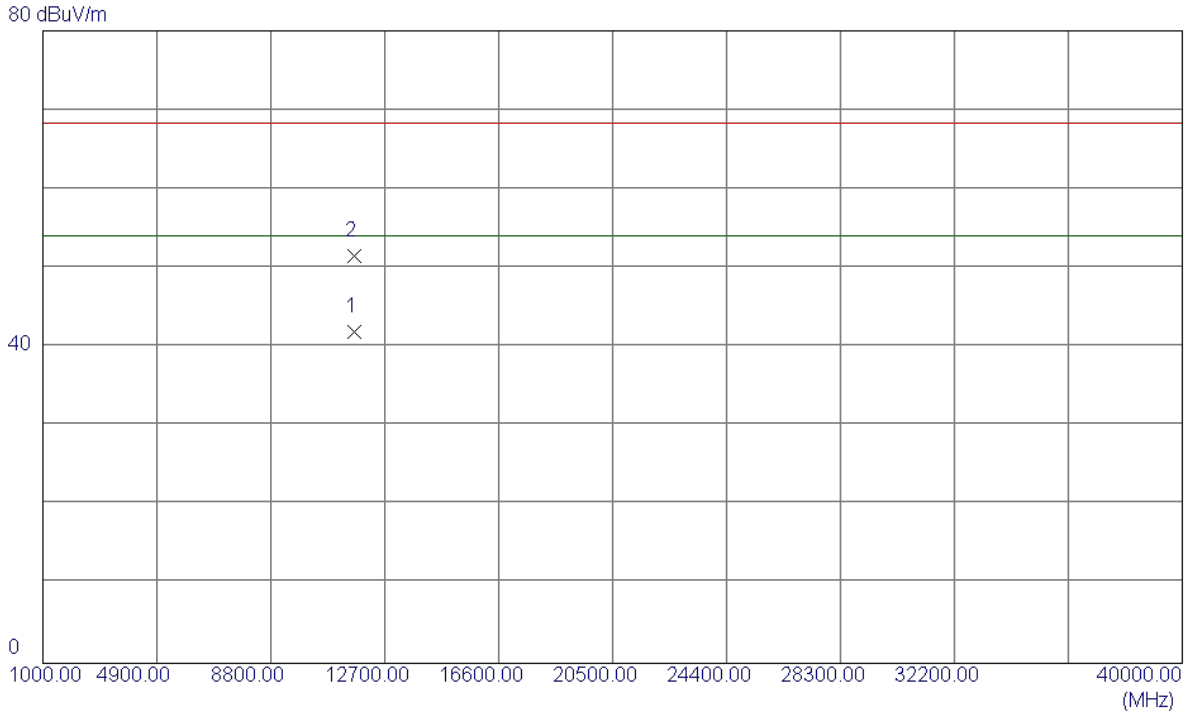
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.7000	50.64	41.39	92.03	78.30	13.73	Peak	No Limit
2	5818.6000	41.37	41.39	82.76	68.30	14.46	AVG	No Limit
3	5850.0000	9.84	41.44	51.28	78.30	-27.02	Peak	
4	5850.0000	0.08	41.44	41.52	68.30	-26.78	AVG	
5	5860.0000	9.05	41.45	50.50	78.30	-27.80	Peak	
6	5860.0000	-0.06	41.45	41.39	68.30	-26.91	AVG	

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

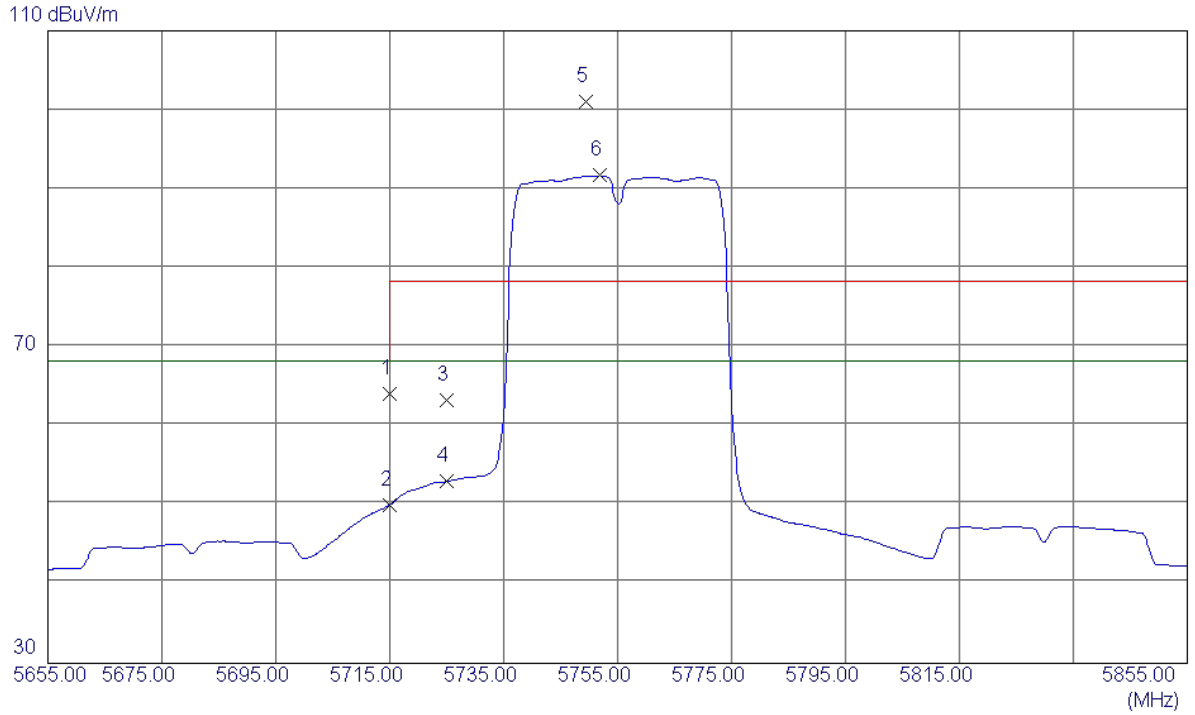
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.2000	26.32	15.58	41.90	54.00	-12.10	AVG	
2	11649.6000	35.89	15.58	51.47	68.30	-16.83	Peak	

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

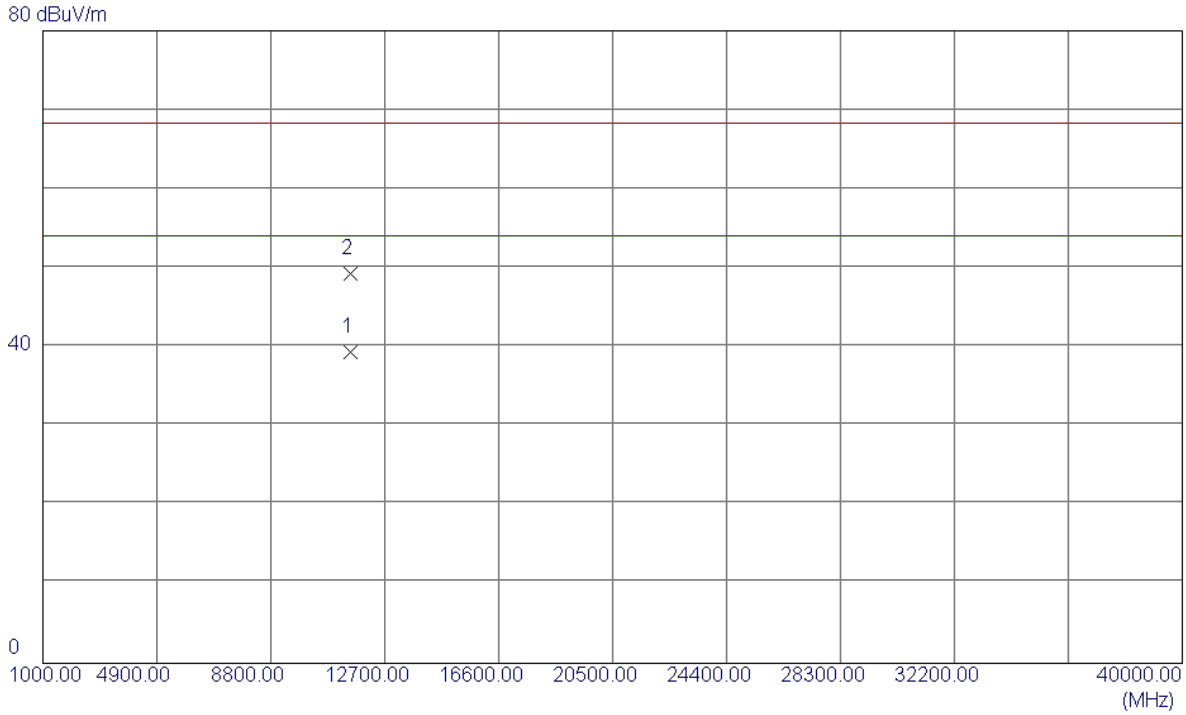
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	22.89	41.25	64.14	68.30	-4.16	Peak	
2	5715.0000	8.78	41.25	50.03	68.30	-18.27	AVG	
3	5725.0000	21.97	41.27	63.24	78.30	-15.06	Peak	
4	5725.0000	11.73	41.27	53.00	68.30	-15.30	AVG	
5	5749.4000	59.78	41.30	101.08	78.30	22.78	Peak	No Limit
6	5751.8000	50.38	41.30	91.68	68.30	23.38	AVG	No Limit

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

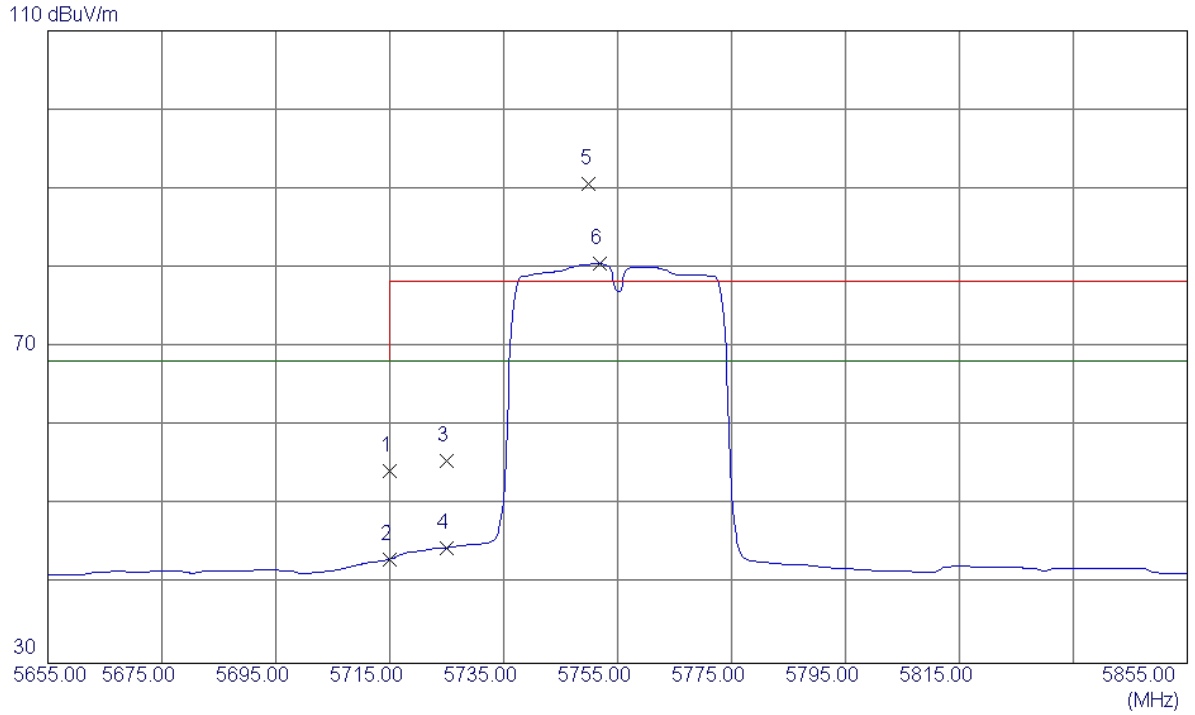
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.8000	23.79	15.52	39.31	54.00	-14.69	AVG	
2	11509.2000	33.79	15.52	49.31	68.30	-18.99	Peak	

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

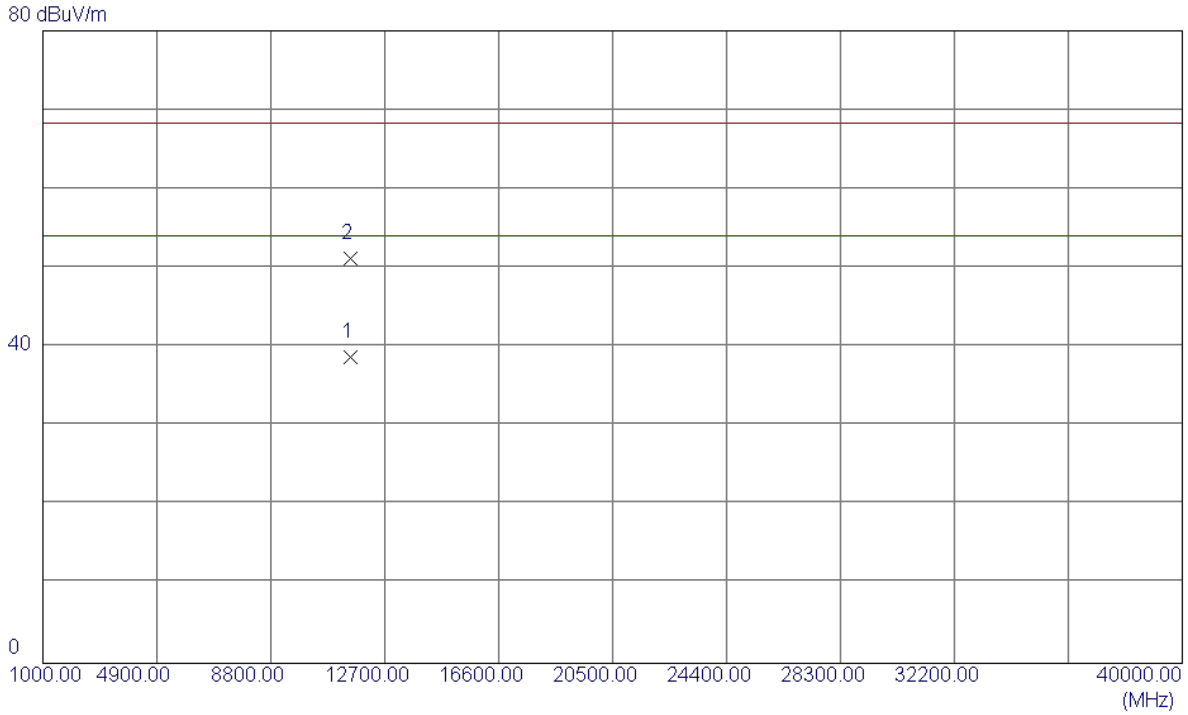
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.01	41.25	54.26	68.30	-14.04	Peak	
2	5715.0000	1.91	41.25	43.16	68.30	-25.14	AVG	
3	5725.0000	14.31	41.27	55.58	78.30	-22.72	Peak	
4	5725.0000	3.32	41.27	44.59	68.30	-23.71	AVG	
5	5750.0000	49.39	41.30	90.69	78.30	12.39	Peak	No Limit
6	5751.8000	39.22	41.30	80.52	68.30	12.22	AVG	No Limit

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

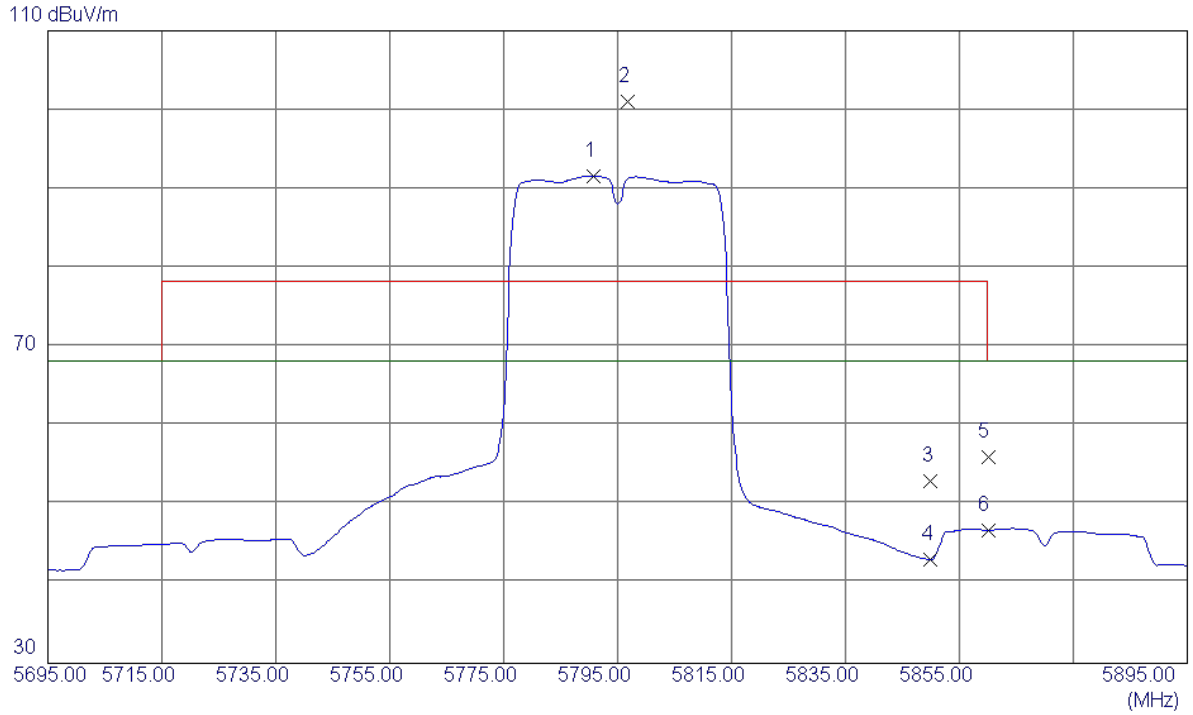
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11510.0000	23.27	15.52	38.79	54.00	-15.21	AVG	
2	11510.8000	35.62	15.52	51.14	68.30	-17.16	Peak	

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

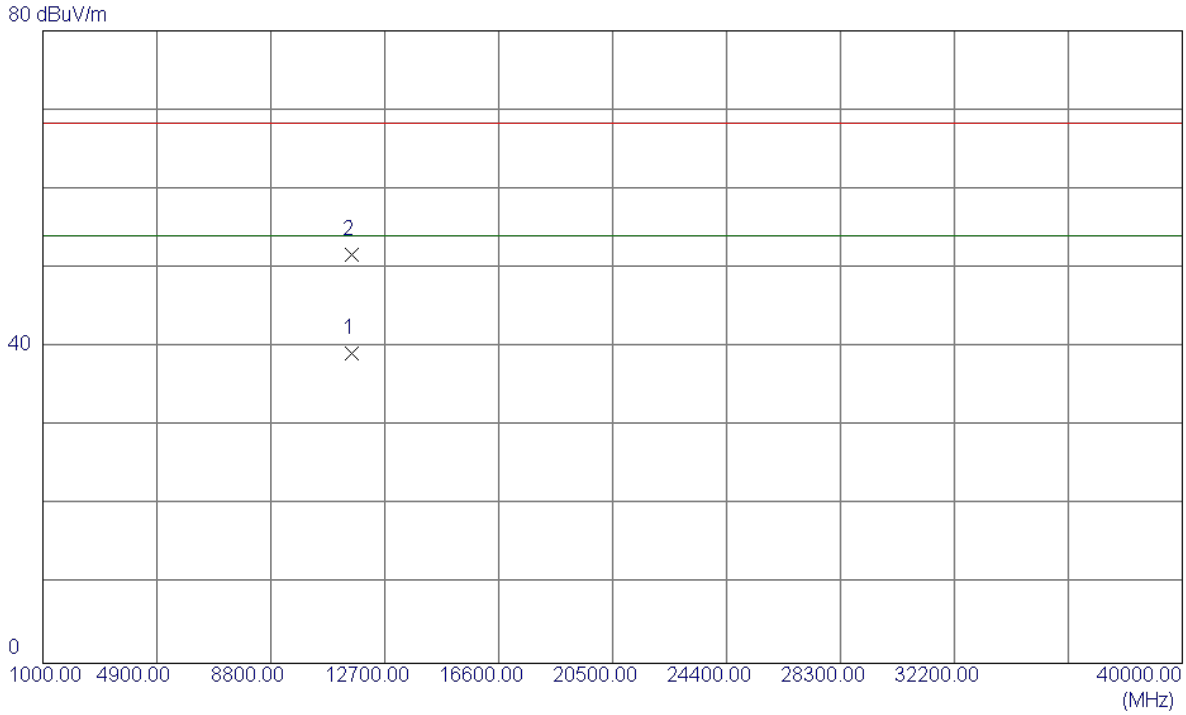
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5790.8000	50.26	41.36	91.62	68.30	23.32	AVG	No Limit
2	5796.8000	59.64	41.36	101.00	78.30	22.70	Peak	No Limit
3	5850.0000	11.55	41.44	52.99	78.30	-25.31	Peak	
4	5850.0000	1.67	41.44	43.11	68.30	-25.19	AVG	
5	5860.0000	14.65	41.45	56.10	78.30	-22.20	Peak	
6	5860.0000	5.37	41.45	46.82	68.30	-21.48	AVG	

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

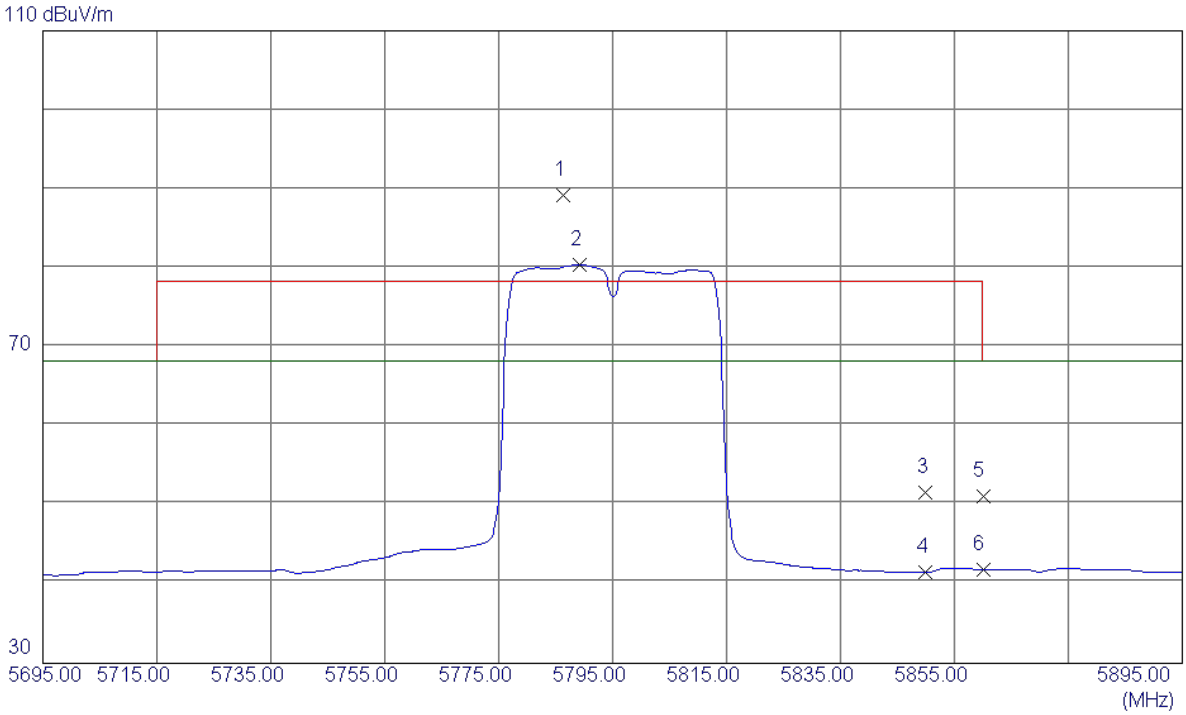
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11589.6000	23.69	15.55	39.24	54.00	-14.76	AVG	
2	11591.2000	36.09	15.55	51.64	68.30	-16.66	Peak	

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

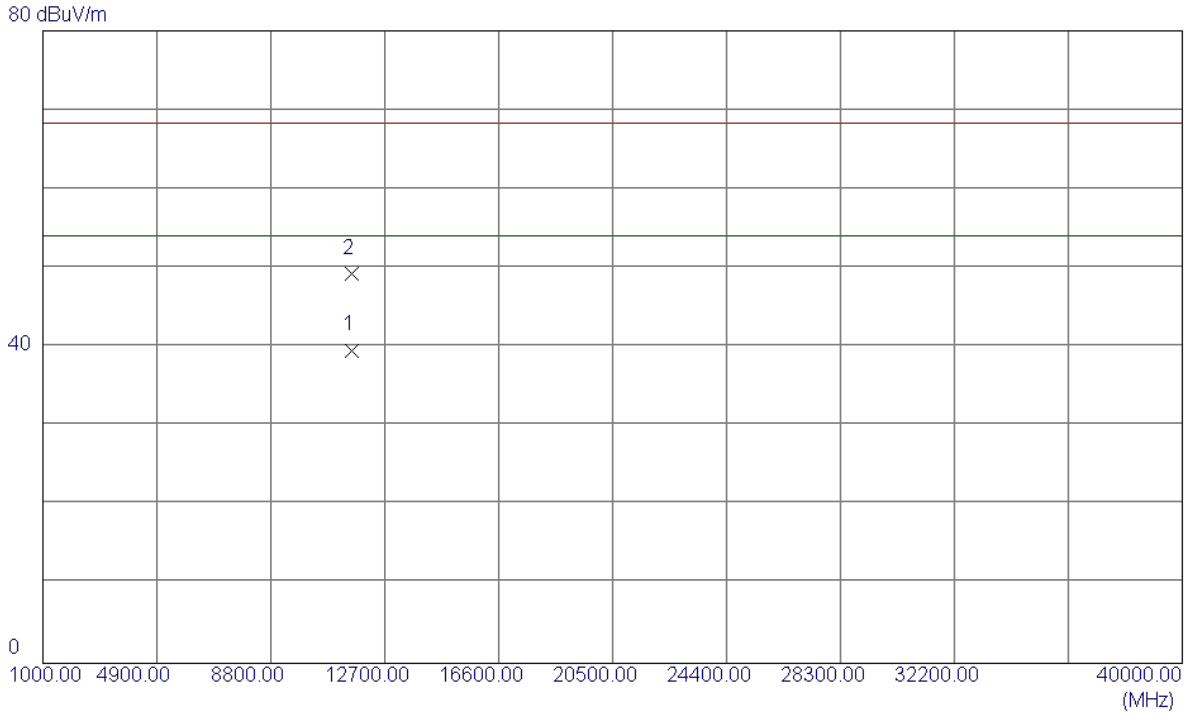
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5786.4000	47.87	41.35	89.22	78.30	10.92	Peak	No Limit
2	5789.2000	39.08	41.35	80.43	68.30	12.13	AVG	No Limit
3	5850.0000	10.18	41.44	51.62	78.30	-26.68	Peak	
4	5850.0000	0.04	41.44	41.48	68.30	-26.82	AVG	
5	5860.0000	9.64	41.45	51.09	78.30	-27.21	Peak	
6	5860.0000	0.39	41.45	41.84	68.30	-26.46	AVG	

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

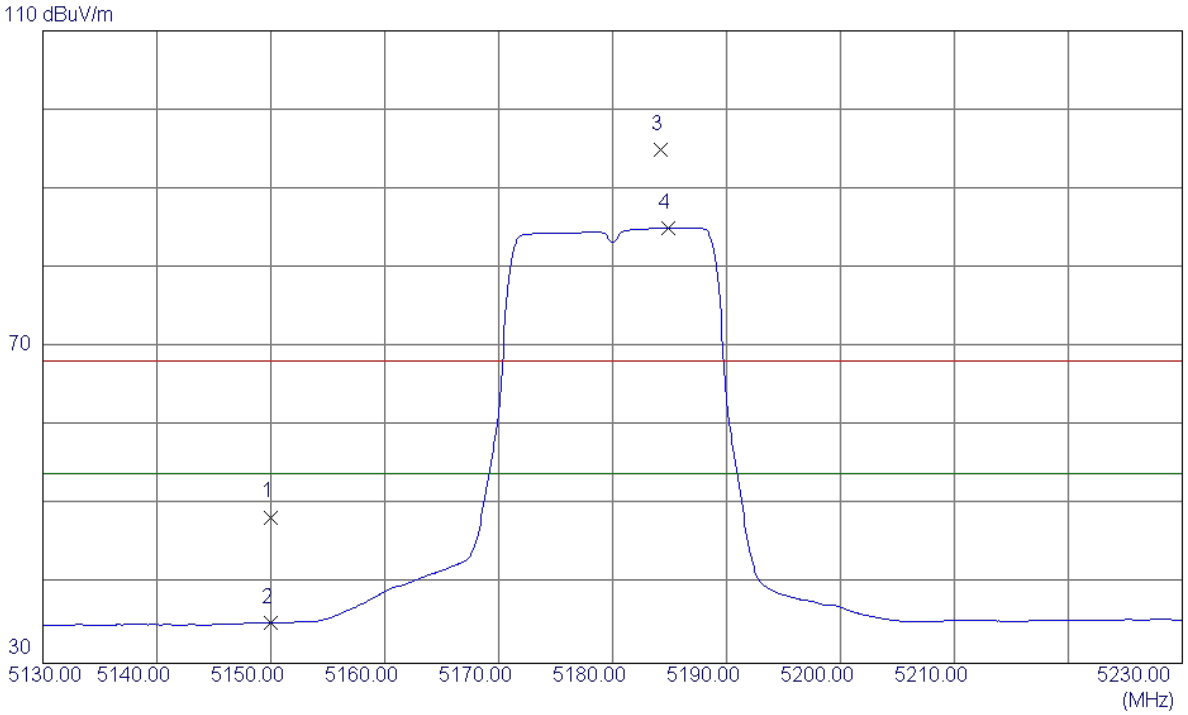
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11591.6000	24.05	15.55	39.60	54.00	-14.40	AVG	
2	11589.6000	33.67	15.55	49.22	68.30	-19.08	Peak	

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

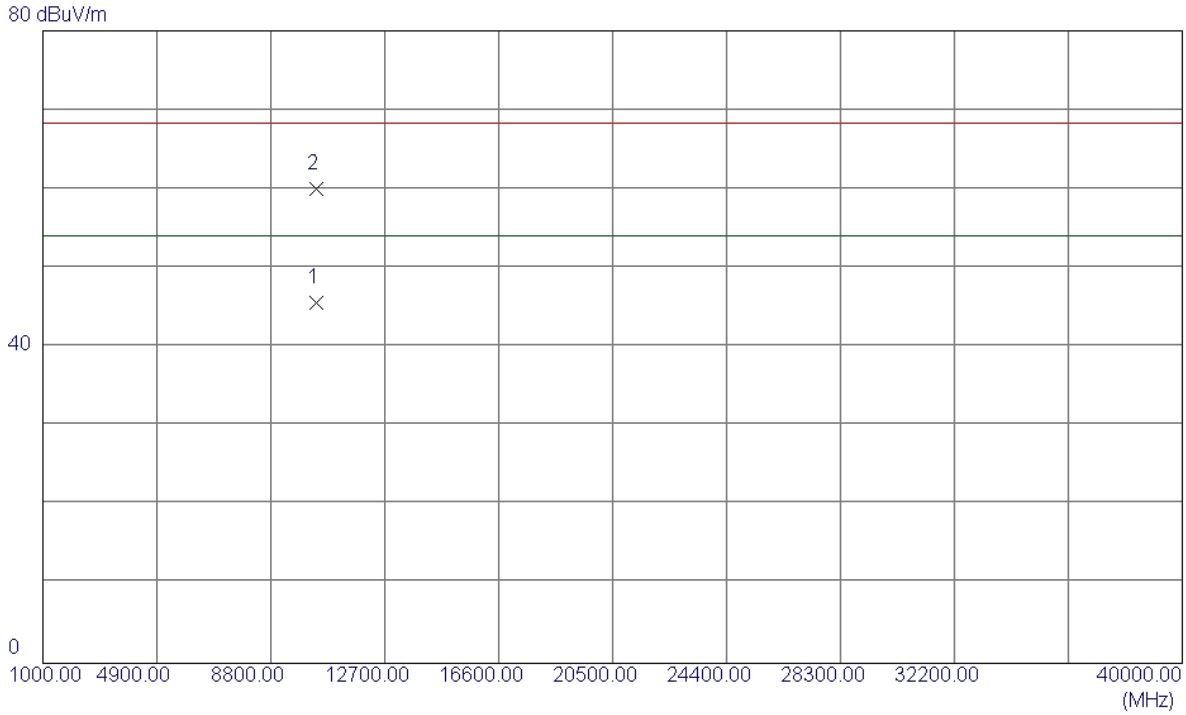
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	8.26	40.22	48.48	68.30	-19.82	Peak	
2	5150.0000	-5.08	40.22	35.14	54.00	-18.86	AVG	
3	5184.2000	54.74	40.29	95.03	68.30	26.73	Peak	No Limit
4	5184.9000	44.80	40.29	85.09	54.00	31.09	AVG	No Limit

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

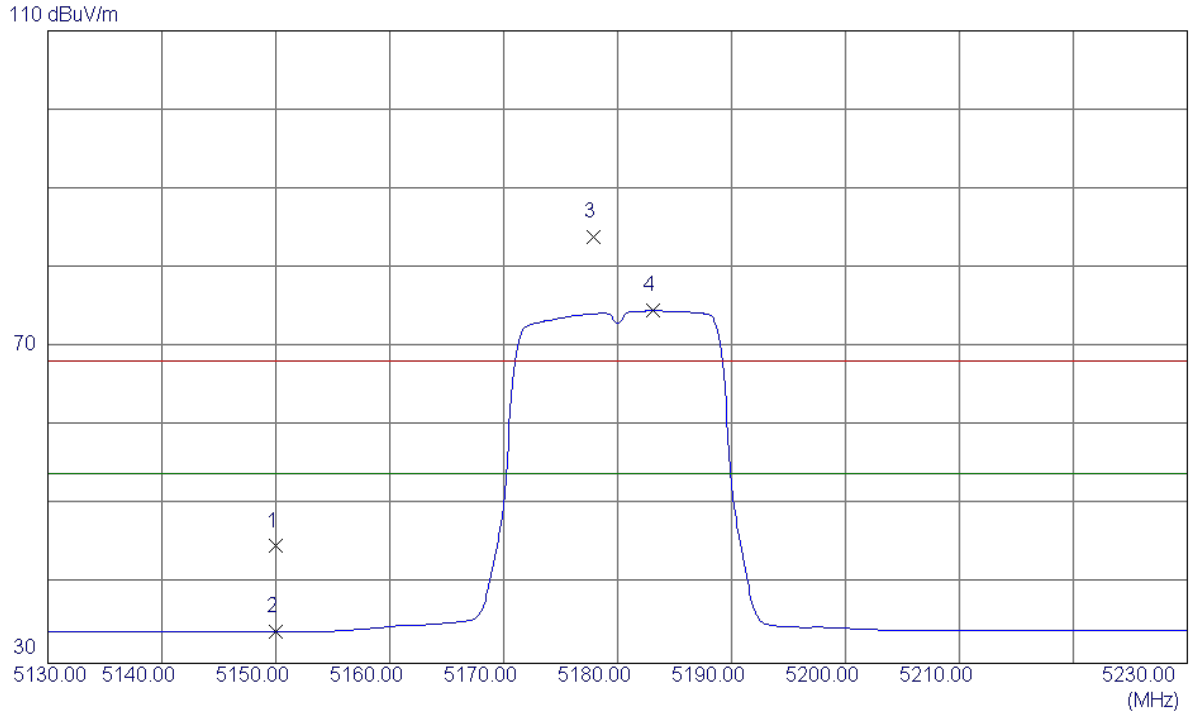
Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.5000	31.24	14.33	45.57	54.00	-8.43	AVG	
2	10361.8000	45.68	14.33	60.01	68.30	-8.29	Peak	

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

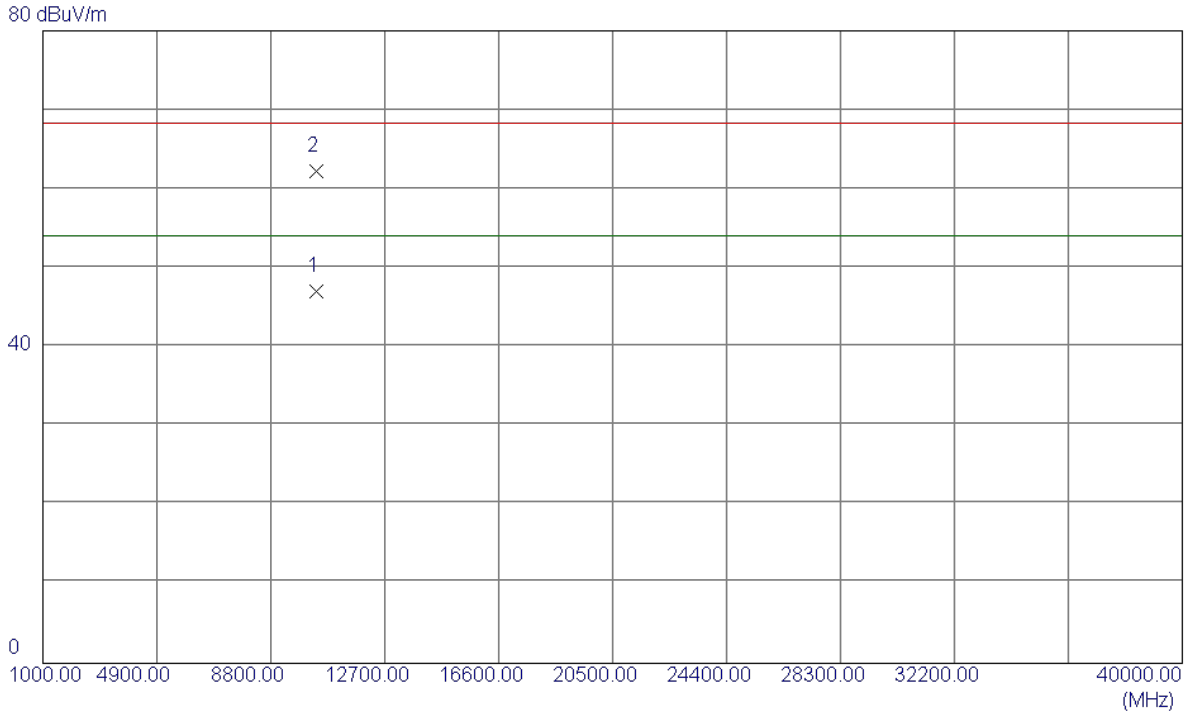
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	4.58	40.22	44.80	68.30	-23.50	Peak	
2	5150.0000	-6.17	40.22	34.05	54.00	-19.95	AVG	
3	5177.9000	43.58	40.28	83.86	68.30	15.56	Peak	No Limit
4	5183.1000	34.29	40.29	74.58	54.00	20.58	AVG	No Limit

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

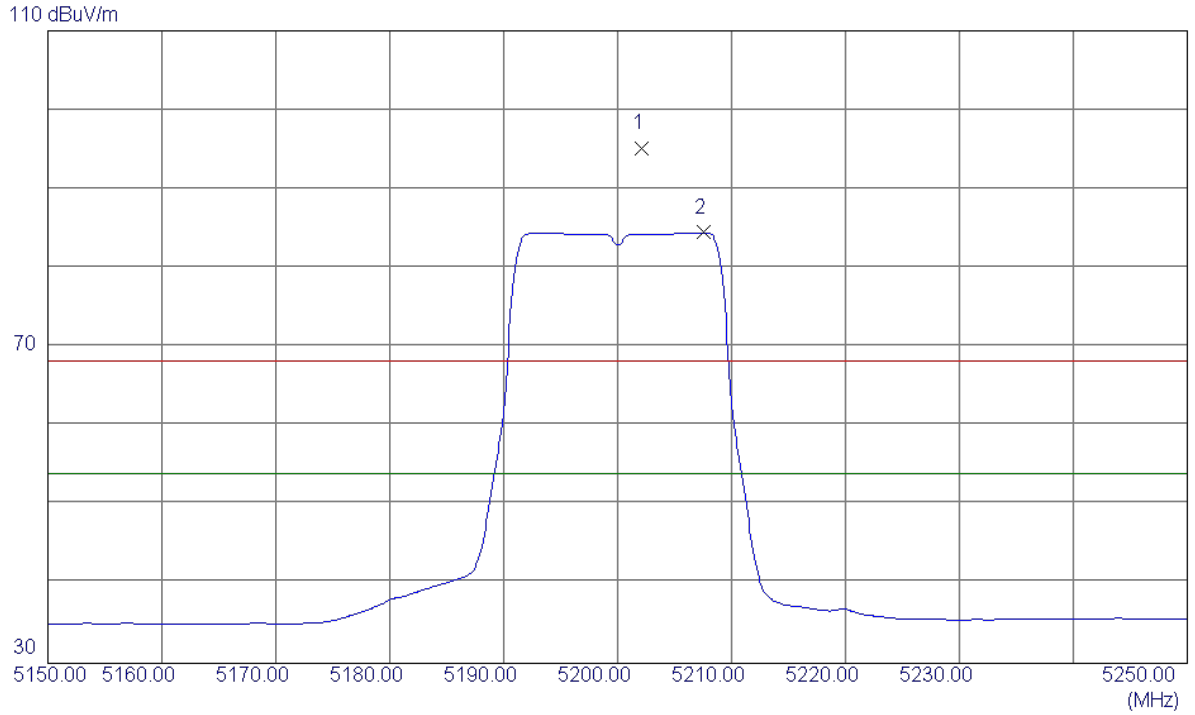
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10360.5000	32.76	14.33	47.09	54.00	-6.91	AVG	
2	10361.0000	47.94	14.33	62.27	68.30	-6.03	Peak	

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

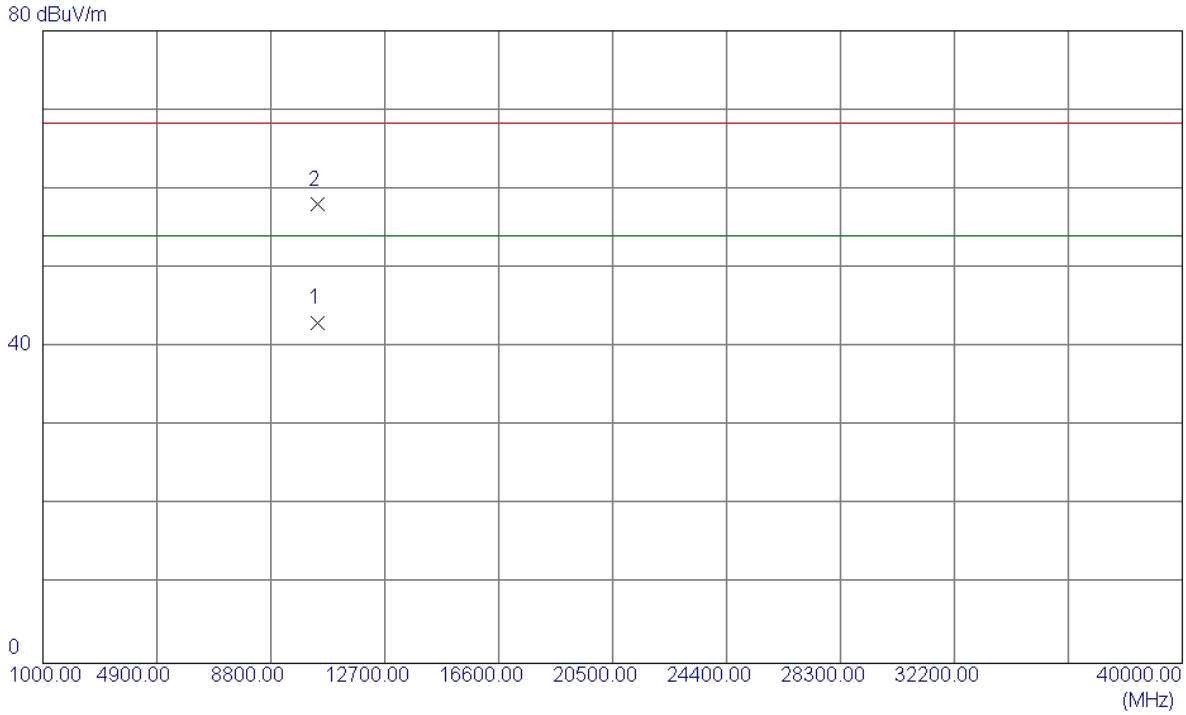
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5202.1000	54.79	40.33	95.12	68.30	26.82	Peak	No Limit
2	5207.6000	44.14	40.34	84.48	54.00	30.48	AVG	No Limit

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

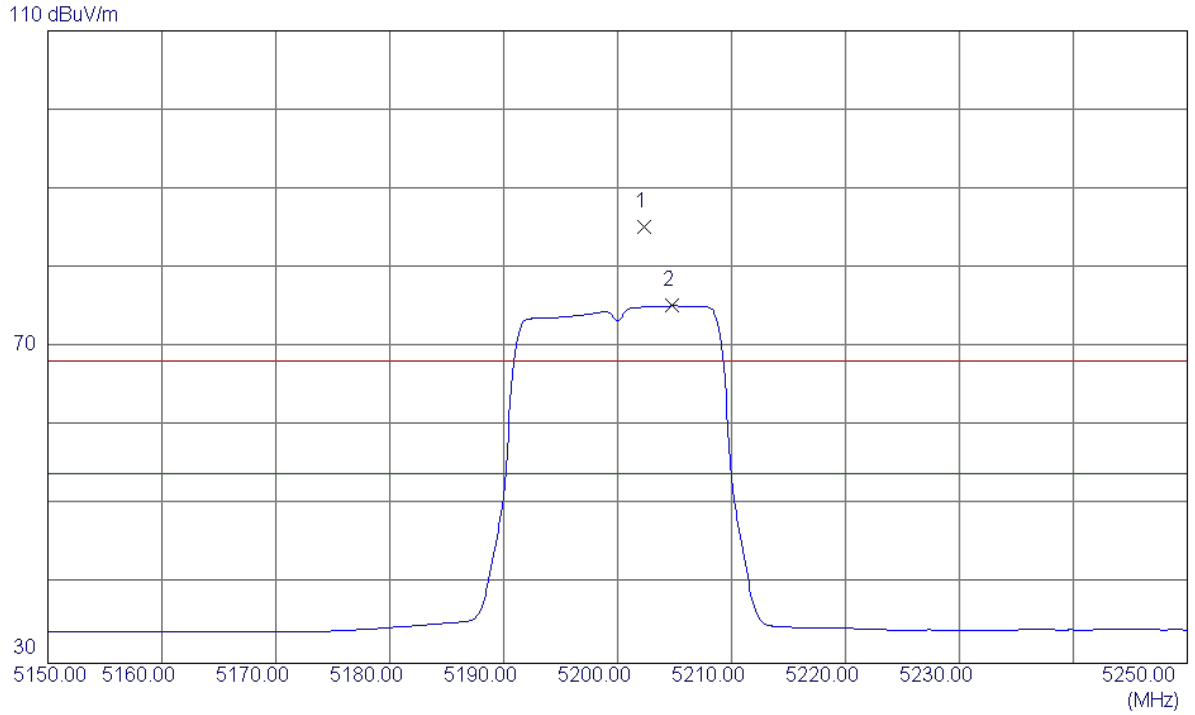
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.4000	28.57	14.40	42.97	54.00	-11.03	AVG	
2	10398.2000	43.60	14.40	58.00	68.30	-10.30	Peak	

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

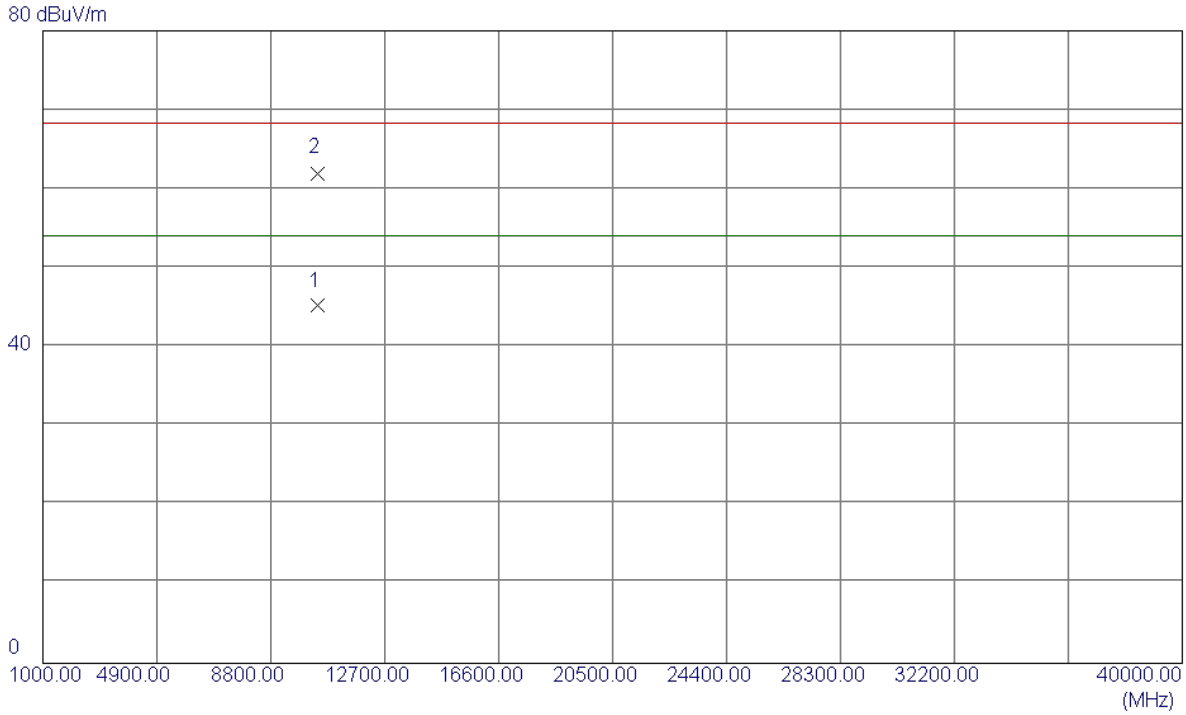
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5202.3000	44.84	40.33	85.17	68.30	16.87	Peak	No Limit
2	5204.8000	34.88	40.33	75.21	54.00	21.21	AVG	No Limit

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

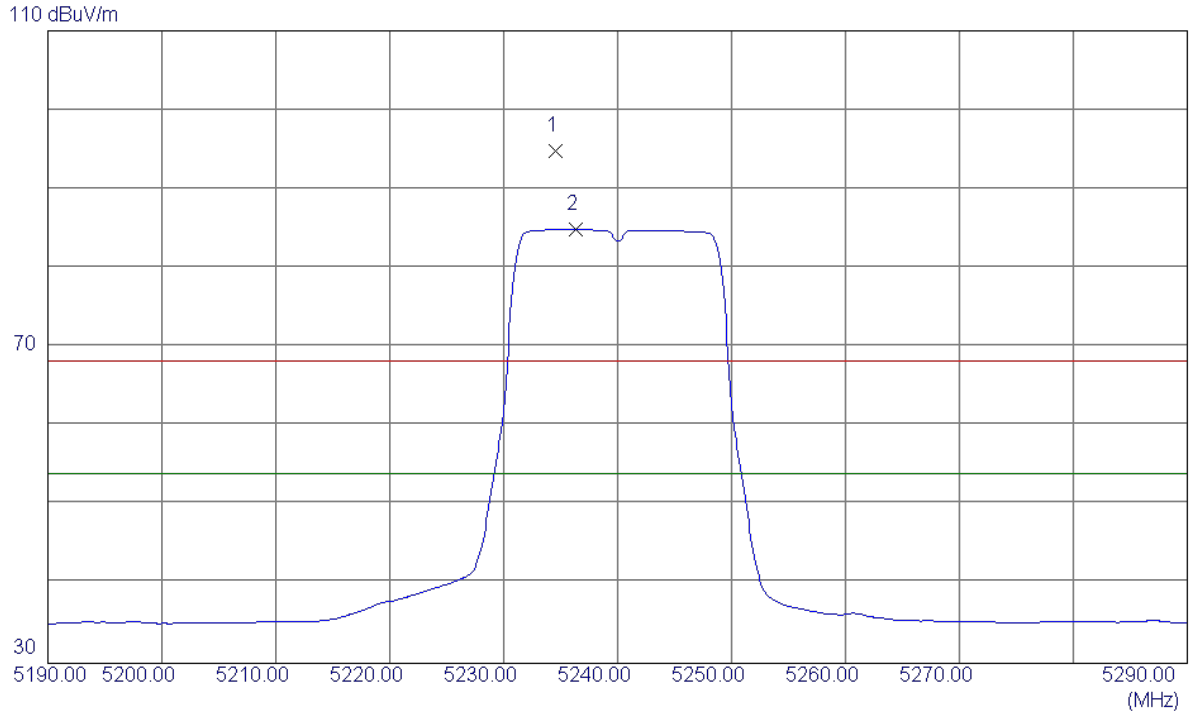
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10400.2000	30.80	14.40	45.20	54.00	-8.80	AVG	
2	10401.0000	47.59	14.41	62.00	68.30	-6.30	Peak	

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

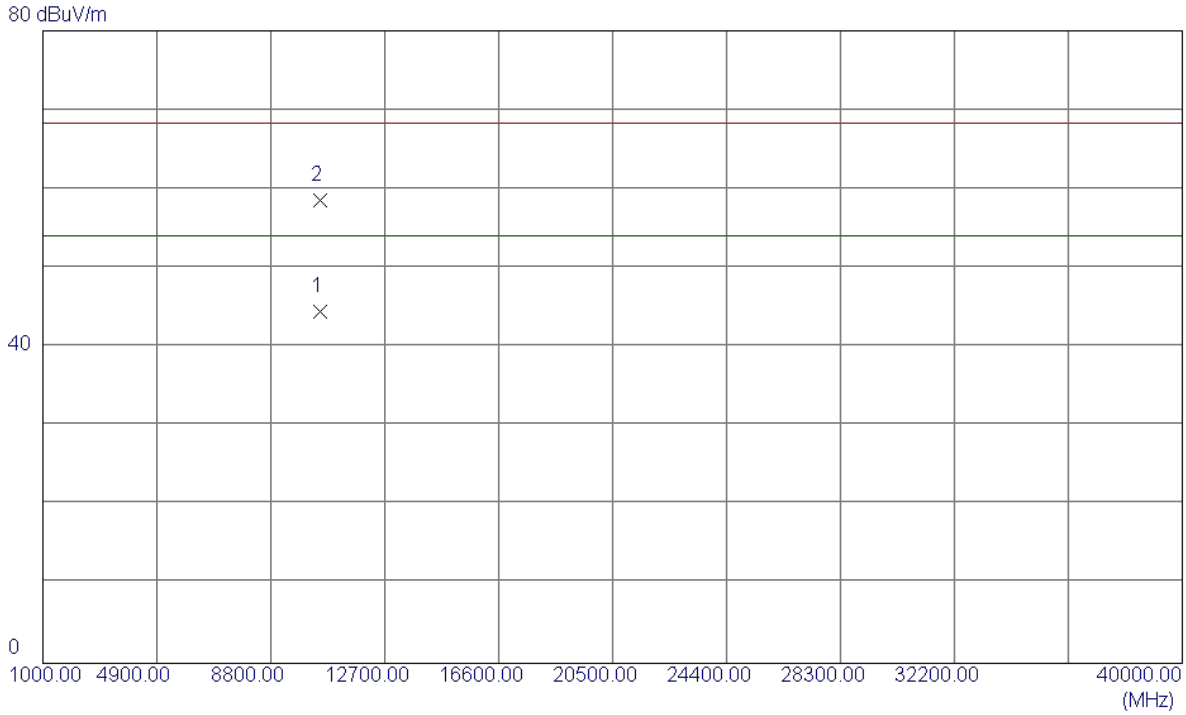
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5234.6000	54.36	40.40	94.76	68.30	26.46	Peak	No Limit
2	5236.3000	44.48	40.40	84.88	54.00	30.88	AVG	No Limit

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

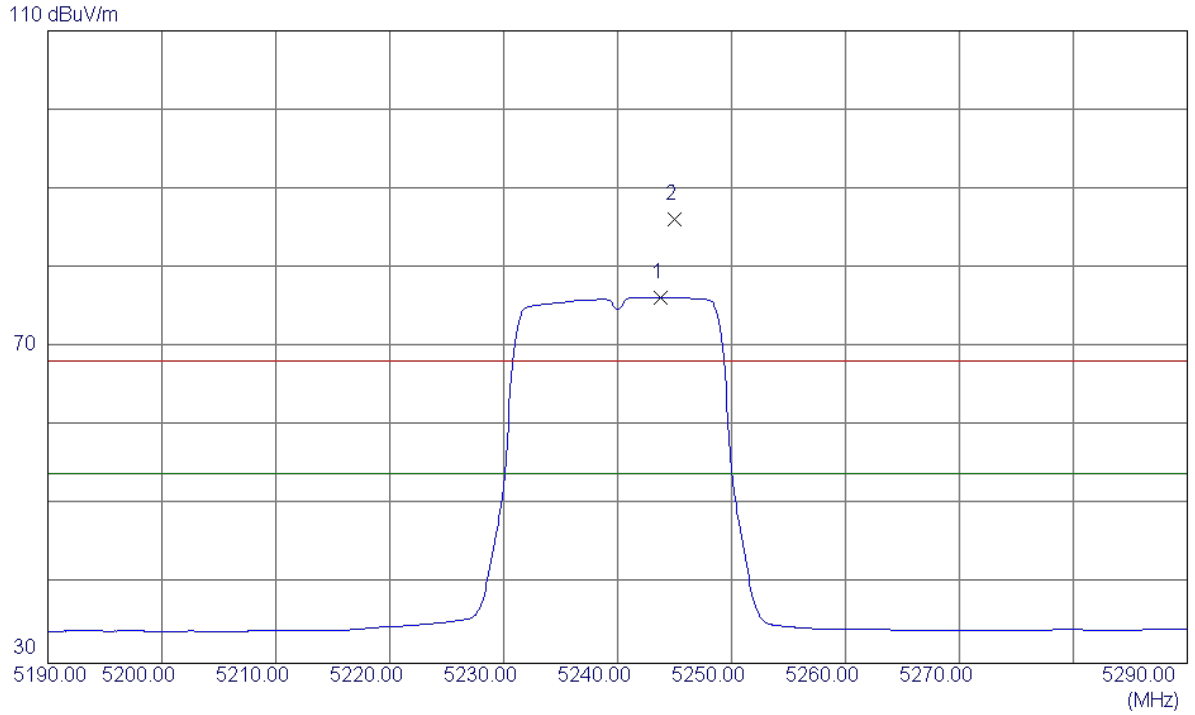
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.2000	29.97	14.56	44.53	54.00	-9.47	AVG	
2	10480.2000	43.94	14.56	58.50	68.30	-9.80	Peak	

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

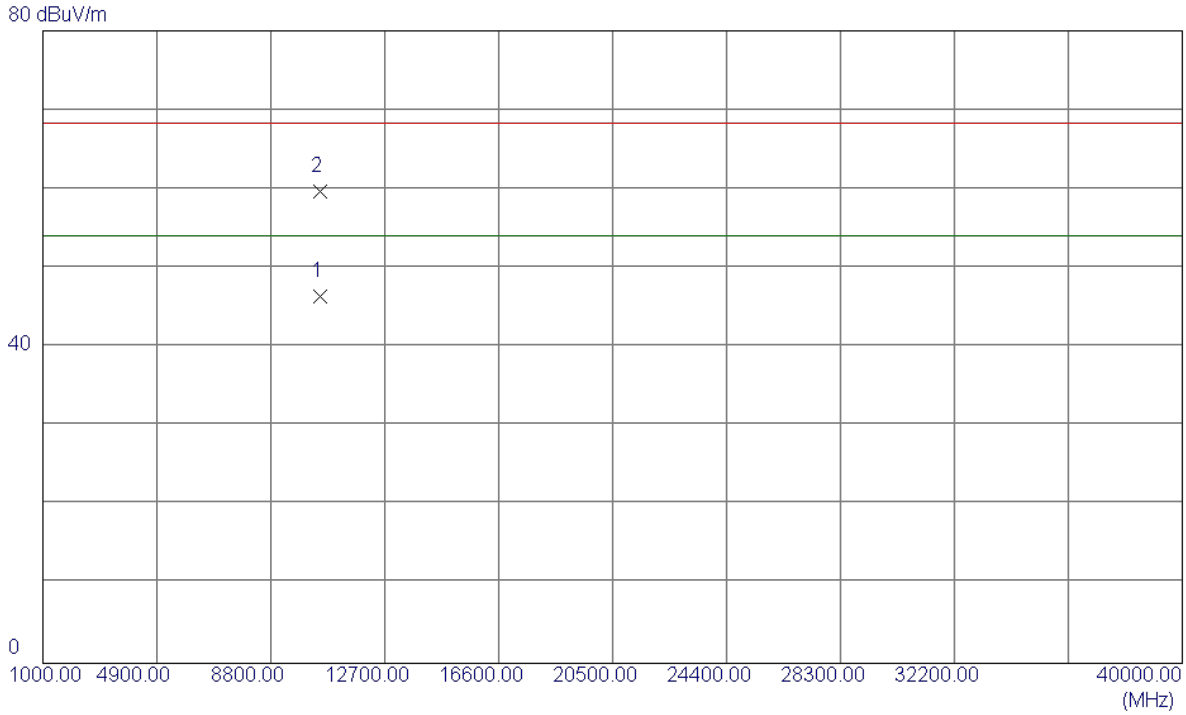
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5243.8000	35.89	40.42	76.31	54.00	22.31	AVG	No Limit
2	5245.0000	45.70	40.42	86.12	68.30	17.82	Peak	No Limit

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

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	10480.3000	31.83	14.56	46.39	54.00	-7.61	AVG	
2	10480.0000	45.17	14.56	59.73	68.30	-8.57	Peak	