FCC Radio Test Report

FCC ID: QISAP6050DN6150DN

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

Project No.	:	1604C201B
Equipment	:	Wireless LAN Access Point
Model Name	:	AP6050DN
Applicant	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd.,Bantian, Longgang District, Shenzhen 518129 China

Date of Receipt	:	Sep. 09, 2016
Date of Test	:	Sep. 09, 2016 ~ Nov. 28, 2016
Issued Date	:	Nov. 29, 2016
Tested by	:	BTL Inc.

Testing Engineer : Shawn Xiao
(Shawn Xiao)

Technical Manager : David Mao
(David Mao)

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

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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

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1604C201B	Original Issue.	Nov. 29, 2016

1. CERTIFICATION

Equipment	:	Wireless LAN Access Point
Brand Name	:	HUAWEI
Model Name	:	AP6050DN
Applicant	:	Huawei Technologies Co.,Ltd.
Manufacturer	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China
Factory	:	CIG Shanghai Co.,Ltd., Shanghai Branch.
Address	:	F/2,3 Building 1, No. 505 Jiangyue Road, Minhang District, Shanghai, P.R. China
Date of Test	:	Sep. 09, 2016 ~ Nov. 28, 2016
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1604C201B) 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
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 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

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

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

A. Conducted 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	3.60
		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

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	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP6050DN	
Mode Different	N/A	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	1733Mbps
Power Source	#1 DC voltage supplied from AC Adapter. #2 Supplied from PoE. Model: PoE35-54A	
Power Rating	#1 DC 12V 2A #2 PoE -48V	
Output Power	Output Power (Max.)for UNII-1 (1TX) Non-Beamforming	802.11a: 19.01dBm 802.11n (20M): 18.91dBm 802.11n (40M): 17.99dBm 802.11ac Wave2(20 MHz): 18.83dBm 802.11ac Wave2(40 MHz): 18.12dBm 802.11ac Wave2(80 MHz): 11.15dBm 802.11ac Wave2(160MHz): 16.90dBm
	Output Power (Max.)for UNII-3 (1TX) Non-Beamforming	802.11a: 19.07dBm 802.11n (20M): 18.96dBm 802.11n (40M): 17.99dBm 802.11ac Wave2(20 MHz): 19.01dBm 802.11ac Wave2(40 MHz): 18.11dBm 802.11ac Wave2(80 MHz): 17.13dBm 802.11ac Wave2(160MHz): 14.08dBm
	Output Power (Max.)for UNII-1 (2TX) Non-Beamforming	802.11a: 21.91dBm 802.11n (20M): 21.95dBm 802.11n (40M): 21.06dBm 802.11ac Wave2(20 MHz): 21.92dBm 802.11ac Wave2(40 MHz): 21.03dBm 802.11ac Wave2(80 MHz): 13.05dBm 802.11ac Wave2(160MHz): 19.75dBm
	Output Power (Max.)for UNII-3 (2TX) Non-Beamforming	802.11a: 22.09dBm 802.11n (20M): 21.95dBm 802.11n (40M): 21.05dBm 802.11ac Wave2(20 MHz): 21.95dBm 802.11ac Wave2(40 MHz): 21.06dBm 802.11ac Wave2(80 MHz): 20.21dBm 802.11ac Wave2(160MHz): 17.01dBm

Output Power	Output Power (Max.)for UNII-1 (3TX) Non-Beamforming	802.11a: 23.70dBm 802.11n (20M): 23.74dBm 802.11n (40M): 22.80dBm 802.11ac Wave2(20 MHz): 23.63dBm 802.11ac Wave2(40 MHz): 22.82dBm 802.11ac Wave2(80 MHz): 13.96dBm
	Output Power (Max.)for UNII-3 (3TX) Non-Beamforming	802.11a: 23.82dBm 802.11n (20M): 23.71dBm 802.11n (40M): 22.82dBm 802.11ac Wave2(20 MHz): 23.74dBm 802.11ac Wave2(40 MHz): 22.82dBm 802.11ac Wave2(80 MHz): 21.95dBm
	Output Power (Max.)for UNII-1 (4TX) Non-Beamforming	802.11a: 25.07dBm 802.11n (20M): 24.93dBm 802.11n (40M): 24.01dBm 802.11ac Wave2(20 MHz): 24.92dBm 802.11ac Wave2(40 MHz): 22.74dBm 802.11ac Wave2(80 MHz): 15.12dBm
	Output Power (Max.)for UNII-3 (4TX) Non-Beamforming	802.11a: 25.05dBm 802.11n (20M): 24.90dBm 802.11n (40M): 24.03dBm 802.11ac Wave2(20 MHz): 24.93dBm 802.11ac Wave2(40 MHz): 24.09dBm 802.11ac Wave2(80 MHz): 23.21dBm
	Output Power (Max.)for UNII-1 (2TX) Beamforming	802.11n (20M): 19.64dBm 802.11n (40M): 19.92dBm 802.11ac wave2(20MHz): 19.97dBm 802.11ac wave2(40MHz): 19.75dBm 802.11ac wave2(80MHz): 11.84dBm 802.11ac Wave2(160MHz): 17.05dBm
	Output Power (Max.)for UNII-3 (2TX) Beamforming	802.11n (20M): 19.99dBm 802.11n (40M): 19.87dBm 802.11ac wave2(20MHz): 19.99dBm 802.11ac wave2(40MHz): 19.90dBm 802.11ac wave2(80MHz): 19.72dBm 802.11ac Wave2(160MHz): 17.06dBm
	Output Power (Max.)for UNII-1 (3TX) Beamforming	802.11n (20M): 19.73dBm 802.11n (40M): 18.46dBm 802.11ac wave2(20MHz): 19.80dBm 802.11ac wave2(40MHz): 19.79dBm 802.11ac wave2(80MHz): 13.88dBm
	Output Power (Max.)for UNII-3 (3TX) Beamforming	802.11n (20M): 19.71dBm 802.11n (40M): 19.78dBm 802.11ac wave2(20MHz): 19.73dBm 802.11ac wave2(40MHz): 19.80dBm 802.11ac wave2(80MHz): 18.89dBm

	Output Power (Max.)for UNII-1 (4TX) Beamforming	802.11n (20M): 19.98dBm 802.11n (40M): 19.99dBm 802.11ac wave2(20MHz): 19.98dBm 802.11ac wave2(40MHz): 18.77dBm 802.11ac wave2(80MHz): 15.14dBm
	Output Power (Max.)for UNII-3 (4TX) Beamforming	802.11n (20M): 19.98dBm 802.11n (40M): 20.03dBm 802.11ac wave2(20MHz): 20.00dBm 802.11ac wave2(40MHz): 20.07dBm 802.11ac wave2(80MHz): 20.13dBm

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				

802.11ac Wave2(160 MHz)	
In 5G band, 160MHz channel is combined by two 80MHz channels and the working form is 80+80MHz. Each 80MHz channel selects discontinuity requirements. In this FCC test, only tested two typical combination (5210+5775MHz) for 160MHz test.	
Channel	Frequency (MHz)
42+155	5210+5775
155+42	5775+5210

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	上海旌泓通信技术有限公司	N/A	Internal	U.FL	6.58
2	上海旌泓通信技术有限公司	N/A	Internal	U.FL	6.58
3	上海旌泓通　技术有限公司	N/A	Internal	U.FL	6.58
4	上海旌泓通信技术有限公司	N/A	Internal	U.FL	6.58

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides three completed transmitters and receivers (4T4R), all transmit signals are completely uncorrelated, then, Direction gain = G_{ANT}, that is Directional gain=6.58. So for fixed device, the UNII-1,UNII-3 output power limit is 30-6.58+6=29.42.

The UNII-1 power density limit is 17-6.58+6=16.42, the UNII-3 power density limit is 30-6.58+6=29.42.

(2) For 2TX with beamforming:

The EUT with beamforming function, then, Direction gain = $G_{ANT}+10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.
For 2TX with beamforming: Directional gain=6.58+10log(2/2)=6.58+0=6.58 dBi.
So for fixed device, the UNII-1,UNII-3 output power limit is 30-6.58+6=29.42. The UNII-1 power density limit is 17-6.58+6=16.42, the UNII-3 power density limit is 30-6.58+6=29.42.

(3) For 3TX with beamforming:

The EUT with beamforming function, then, Direction gain = $G_{ANT}+10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.
For 3TX with beamforming: Directional gain=6.58+10log(3/3)=6.58+0=6.58 dBi.
So for fixed device, the UNII-1,UNII-3 output power limit is 30-6.58+6=29.42. The UNII-1 power density limit is 17-6.58+6=16.42, the UNII-3 power density limit is 30-6.58+6=29.42.

(4) For 4TX with beamforming:

The EUT with beamforming function, then, Direction gain = $G_{ANT}+10\log(N_{ANT}/N_{SS})$, where N_{SS} = the number of independent spatial streams of data.
For 4TX with beamforming: Directional gain=6.58+10log(4/4)=6.58 + 0=6.58 dBi.
So for fixed device, the UNII-1,UNII-3 output power limit is 30-6.58+6=29.42. The UNII-1 power density limit is 17-6.58+6=16.42, the UNII-3 power density limit is 30-6.58+6=29.42.

4.

Operating Mode / TX Mode	1TX	2TX
802.11a	V (Ant 1)	V (Ant 1+Ant 2)
802.11n(20MHz)	V (Ant 1)	V (Ant 1+Ant 2)
802.11n(40MHz)	V (Ant 1)	V (Ant 1+Ant 2)
802.11ac Wave2(20MHz)	V (Ant 1)	V (Ant 1+Ant 2)
802.11ac Wave2(40MHz)	V (Ant 1)	V (Ant 1+Ant 2)
802.11ac Wave2(80MHz)	V (Ant 1)	V (Ant 1+Ant 2)
802.11ac Wave2(160MHz)	V (Ant 1+Ant 2)	V (Ant 1+Ant 2+ Ant 3+Ant 4)

Operating Mode / TX Mode	3TX	4TX
802.11a	V (Ant 1+Ant 2+Ant 3)	V (Ant 1+Ant 2+ Ant 3+Ant 4)
802.11n(20MHz)	V (Ant 1+Ant 2+Ant 3)	V (Ant 1+Ant 2+ Ant 3+Ant 4)
802.11n(40MHz)	V (Ant 1+Ant 2+Ant 3)	V (Ant 1+Ant 2+ Ant 3+Ant 4)
802.11ac Wave2(20MHz)	V (Ant 1+Ant 2+Ant 3)	V (Ant 1+Ant 2+ Ant 3+Ant 4)
802.11ac Wave2(40MHz)	V (Ant 1+Ant 2+Ant 3)	V (Ant 1+Ant 2+ Ant 3+Ant 4)
802.11ac Wave2(80MHz)	V (Ant 1+Ant 2+Ant 3)	V (Ant 1+Ant 2+ 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 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 AC Wave2(20 MHz) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC Wave2(40 MHz) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC Wave2(80 MHz) 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 AC Wave2(20 MHz) Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC Wave2(40 MHz) Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC Wave2(80 MHz) Mode / CH155 (UNII-3)
Mode 13	TX AC Wave2(160 MHz) Mode / CH42(UNII-1)+CH155 (UNII-3)
Mode 14	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 14	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 AC Wave2(20 MHz) Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC Wave2(40 MHz) Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC Wave2(80 MHz) 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 AC Wave2(20 MHz) Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC Wave2(40 MHz) Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC Wave2(80 MHz) Mode / CH155 (UNII-3)
Mode 13	TX AC Wave2(160 MHz) Mode / CH42(UNII-1)+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 Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	17	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	16	19	19
Frequency (MHz)	5190	5230	
N40 Mode	12	18	

UNII-3 - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
A Mode	19	19	19
Frequency (MHz)	5745	5785	5825
N20 Mode	19	19	19
Frequency (MHz)	5755	5795	
N40 Mode	18	18	

UNII-1 - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	16	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	12	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	11		

UNII-3 - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	19	19	19
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	18	18	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	17		

UNII-1+UNII-3 - 1TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5210	5775	
AC Wave2(160 MHz) Mode	11	17	

UNII-1 - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	16	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	15	19	19
Frequency (MHz)	5190	5230	
N40 Mode	11	18	

UNII-3 - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
A Mode	19	19	19
Frequency (MHz)	5745	5785	5825
N20 Mode	19	19	19
Frequency (MHz)	5755	5795	
N40 Mode	18	18	

UNII-1 - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	15	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	11	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	10		

UNII-3 - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	19	19	19
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	18	18	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	17		

UNII-1+UNII-3 - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5210	5775	
AC Wave2(160 MHz) Mode	10	17	

UNII-1 - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	15	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	14	19	19
Frequency (MHz)	5190	5230	
N40 Mode	10	18	

UNII-3 - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
A Mode	19	19	19
Frequency (MHz)	5745	5785	5825
N20 Mode	19	19	19
Frequency (MHz)	5755	5795	
N40 Mode	18	18	

UNII-1 - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	14	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	10	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	9		

UNII-3 - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	19	19	19
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	18	18	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	17		

UNII-1 - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	15	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	14	19	19
Frequency (MHz)	5190	5230	
N40 Mode	10	18	

UNII-3 - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
A Mode	19	19	19
Frequency (MHz)	5745	5785	5825
N20 Mode	19	19	19
Frequency (MHz)	5755	5795	
N40 Mode	18	18	

UNII-1 - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	14	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	10	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	9		

UNII-3 - 4TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	19	19	19
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	18	18	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	17		

UNII-1 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
N20 Mode	14	17	17
Frequency (MHz)	5190	5230	
N40 Mode	10	17	

UNII-3 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
N20 Mode	17	17	17
Frequency (MHz)	5755	5795	
N40 Mode	17	17	

UNII-1 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	14	17	17
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	10	17	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	9		

UNII-3 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	17	17	17
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	17	17	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	17		

UNII-1+UNII-3 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5210	5775	
AC Wave2(160 MHz) Mode	10	14	

UNII-1 - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
N20 Mode	14	15	15
Frequency (MHz)	5190	5230	
N40 Mode	10	15	

UNII-3 - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
N20 Mode	15	15	15
Frequency (MHz)	5755	5795	
N40 Mode	15	15	

UNII-1 - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	14	15	15
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	10	15	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	9		

UNII-3 - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	15	15	15
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	15	15	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	15		

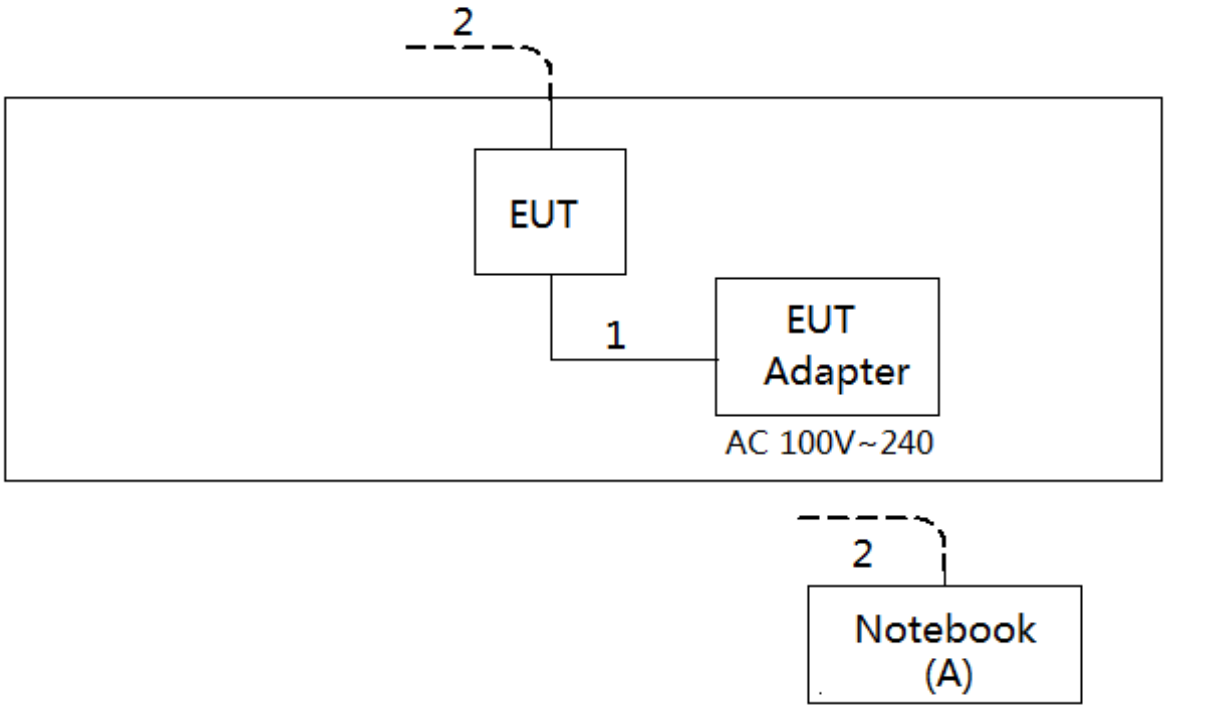
UNII-1 - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
N20 Mode	14	14	14
Frequency (MHz)	5190	5230	
N40 Mode	10	14	

UNII-3 - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
N20 Mode	14	14	14
Frequency (MHz)	5755	5795	
N40 Mode	14	14	

UNII-1 - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	14	14	14
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	10	14	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	9		

UNII-3 - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	14	14	14
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	14	14	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	14		

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Notebook	Lenovo	INSPIRON 1420-	DOC	JX193A01SDC 2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	10m	RJ45 Cable
2	NO	NO	1.5m	Power Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 TEST PROCEDURE

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

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

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

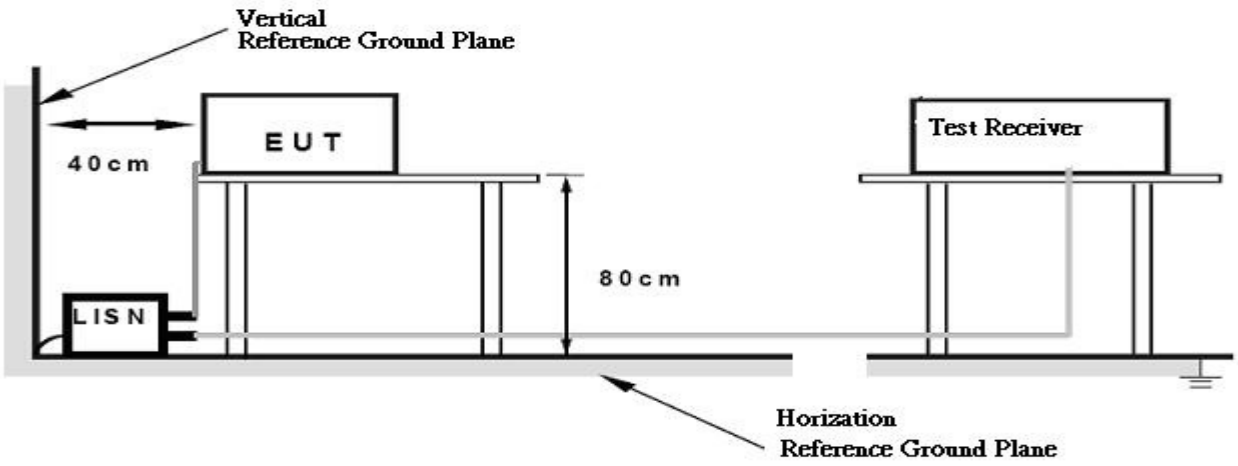
d. LISN at least 80 cm from nearest part of EUT chassis.

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

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

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

4.1.6 EUT TEST CONDITIONS

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

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

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

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

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note:

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

2. According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

4.2.2 TEST PROCEDURE

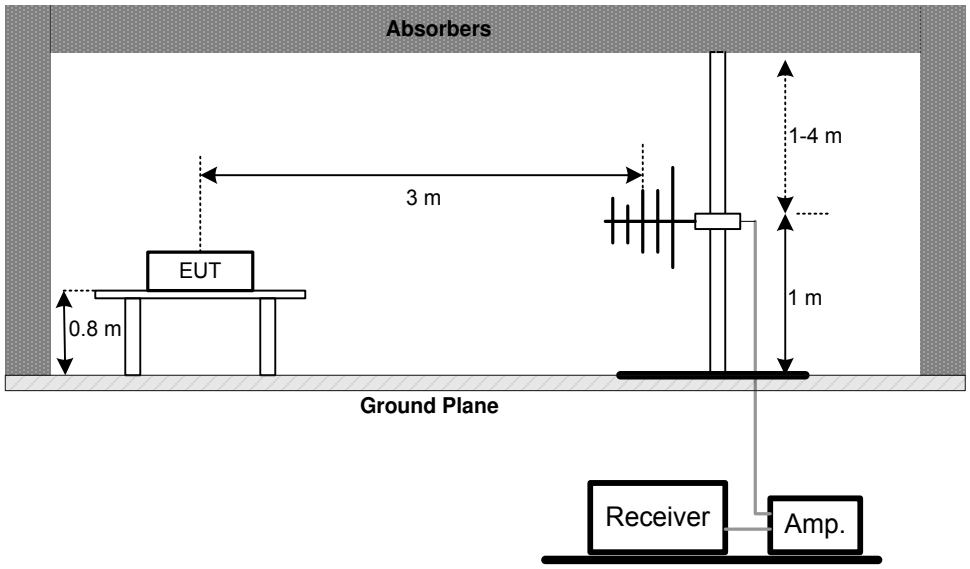
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.2.3 DEVIATION FROM TEST STANDARD

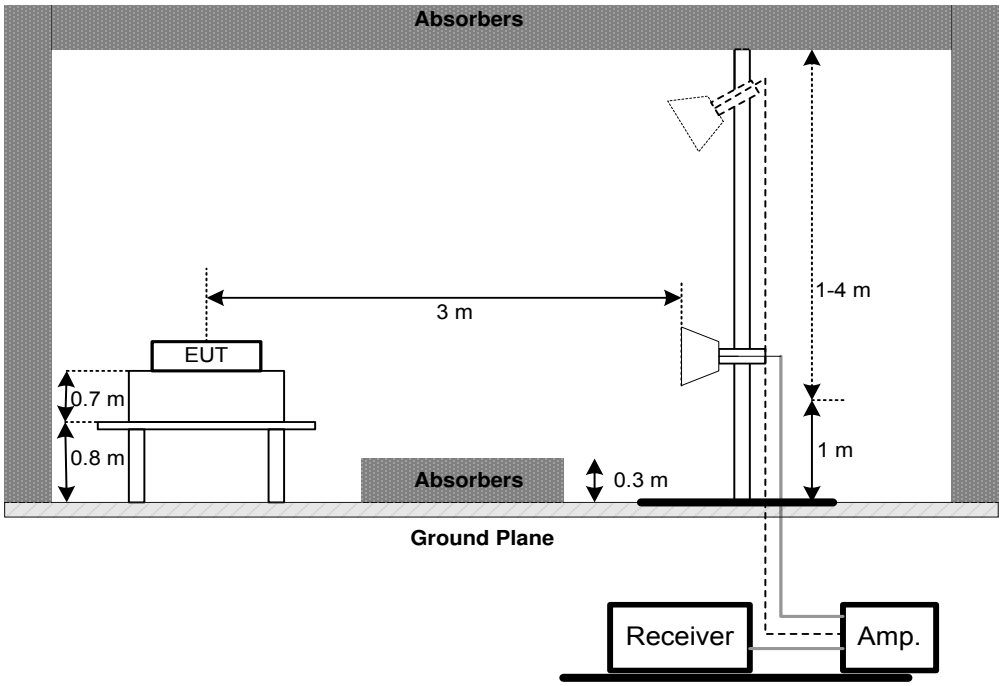
No deviation

4.2.4 TEST SETUP

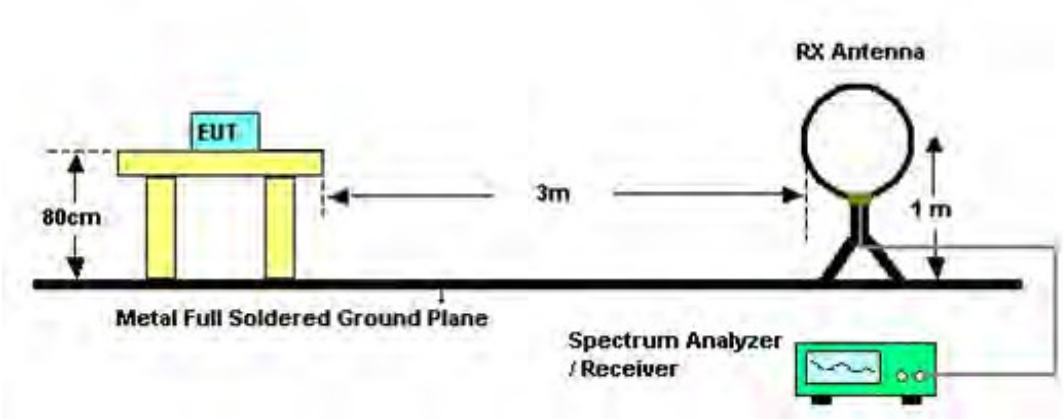
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



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



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

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

4.2.6 EUT TEST CONDITIONS

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

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

Remark:

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

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

5.1.1 TEST PROCEDURE

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

b.

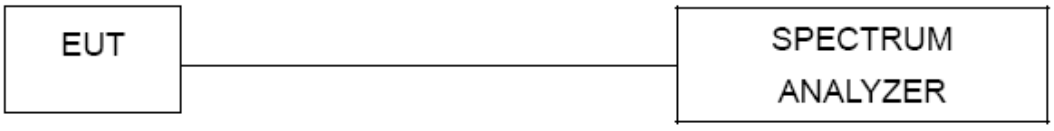
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

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

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

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

6.1.1 TEST PROCEDURE

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

b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

6.1.4 EUT OPERATION CONDITIONS

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

6.1.5 EUT TEST CONDITIONS

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

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	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 average	100 trace
Sweep Time	Auto

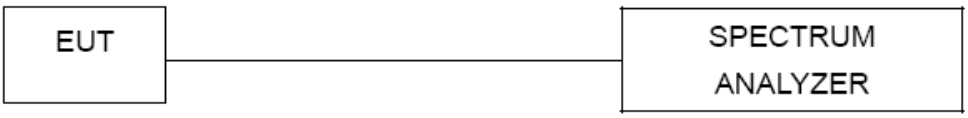
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 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.

7.1.4 EUT TEST CONDITIONS

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

7.1.5 TEST RESULTS

Please refer to the Attachment H.

8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

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

8.1.1 TEST PROCEDURE

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

b.

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

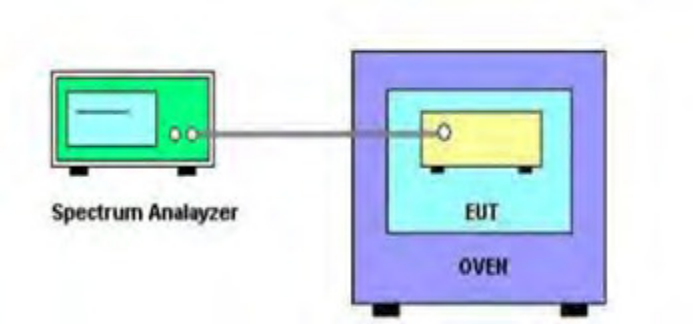
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is -5°C~50°C.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

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

8.1.5 EUT TEST CONDITIONS

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

8.1.6 TEST RESULTS

Please refer to the Attachment I.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30 MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
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. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 26, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Antenna	ETS	3115	00075789	Mar. 27, 2017
8	Amplifier	Agilent	8449B	3008A02274	Mar. 10, 2017
9	Receiver	AGILENT	N9038A	MY52130039	Sep. 04, 2017
10	Test Cable	emci	EMC104-SM-SM-10000(1GHz－26.5GHz)	C-68	Jun. 26, 2017
11	Controller	CT	SC100	N/A	N/A
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Apr. 23, 2017
13	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 27, 2017
14	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Sep. 06, 2017
15	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	Sep. 04, 2017

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Sep. 04, 2017
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Sep. 04, 2017

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017

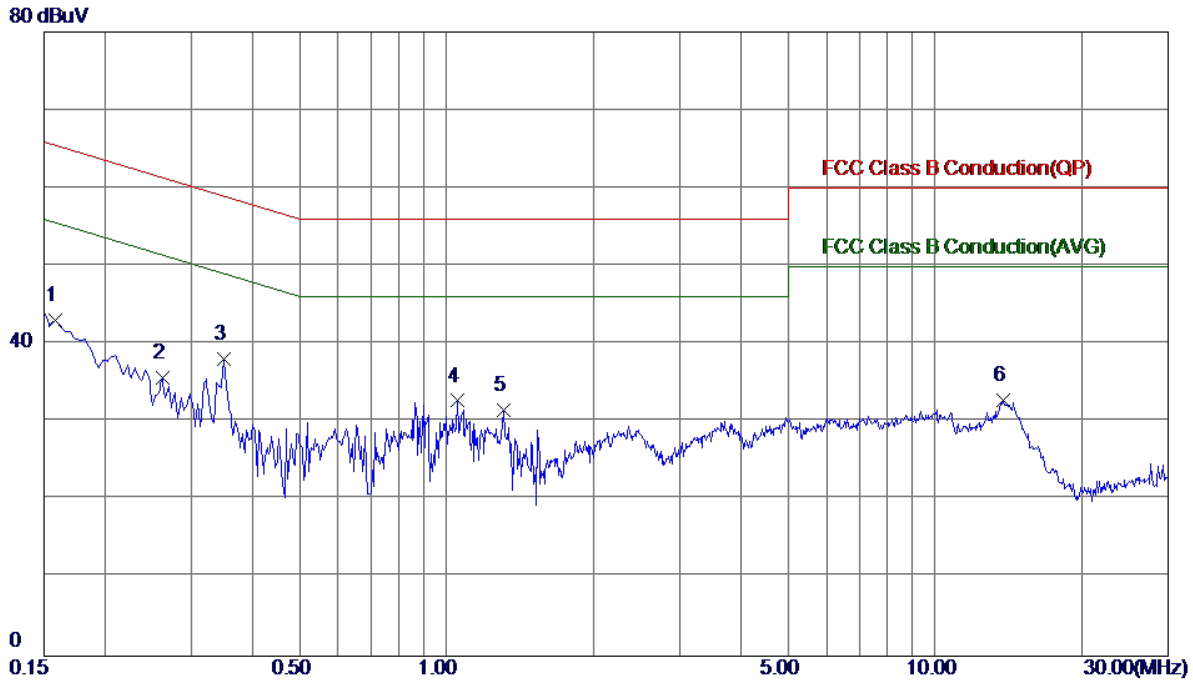
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Sep. 04, 2017
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

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

ATTACHMENT A - CONDUCTED EMISSION

Test Mode :	TX Mode

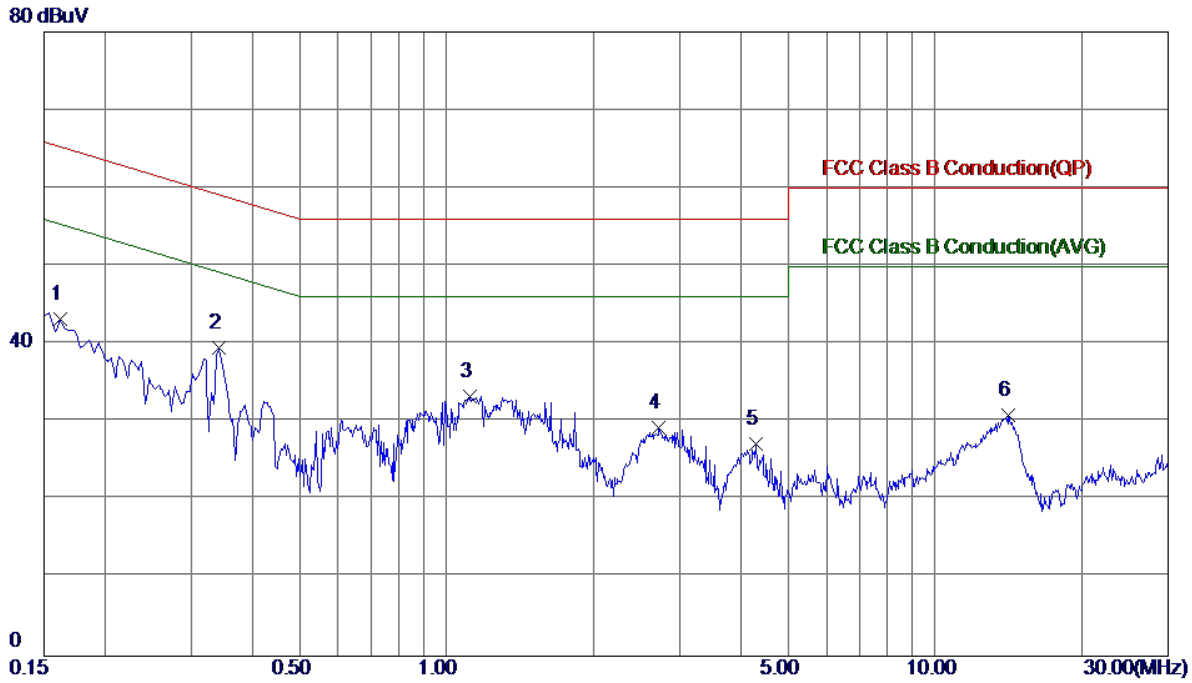
Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1580	33.57	9.52	43.09	65.57	-22.48	Peak	
2	0.2620	26.09	9.53	35.62	61.37	-25.75	Peak	
3 *	0.3500	28.61	9.53	38.14	58.96	-20.82	Peak	
4	1.0500	22.96	9.76	32.72	56.00	-23.28	Peak	
5	1.3060	21.67	9.80	31.47	56.00	-24.53	Peak	
6	13.8300	22.55	10.32	32.87	60.00	-27.13	Peak	

Test Mode :	TX Mode

Neutral

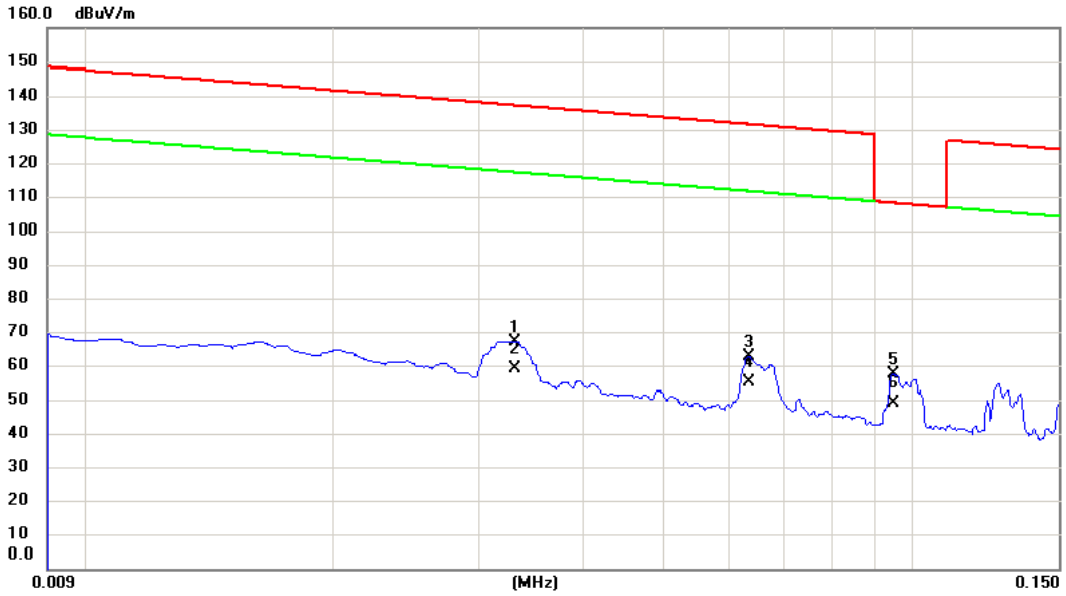


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1620	33.75	9.46	43.21	65.36	-22.15	Peak	
2 *	0.3420	29.92	9.53	39.45	59.15	-19.70	Peak	
3	1.1180	23.58	9.66	33.24	56.00	-22.76	Peak	
4	2.7220	19.53	9.79	29.32	56.00	-26.68	Peak	
5	4.3020	17.21	9.92	27.13	56.00	-28.87	Peak	
6	14.1540	20.48	10.35	30.83	60.00	-29.17	Peak	

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

Test Mode:	TX Mode

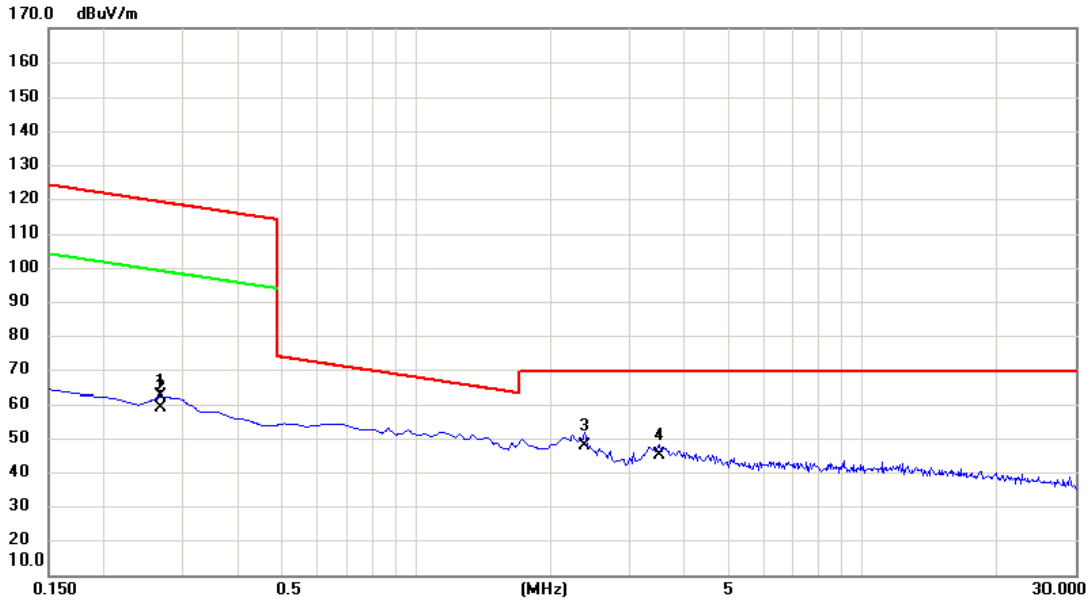
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.033	45.26	21.90	67.16	137.21	-70.05	peak	
2		0.033	37.11	21.90	59.01	117.21	-58.20	AVG	
3		0.063	43.04	19.67	62.71	131.56	-68.85	peak	
4		0.063	35.24	19.67	54.91	111.56	-56.65	AVG	
5	*	0.095	38.79	18.66	57.45	108.08	-50.63	peak	
6		0.095	30.45	18.66	49.11	108.08	-58.97	AVG	

Test Mode:	TX Mode

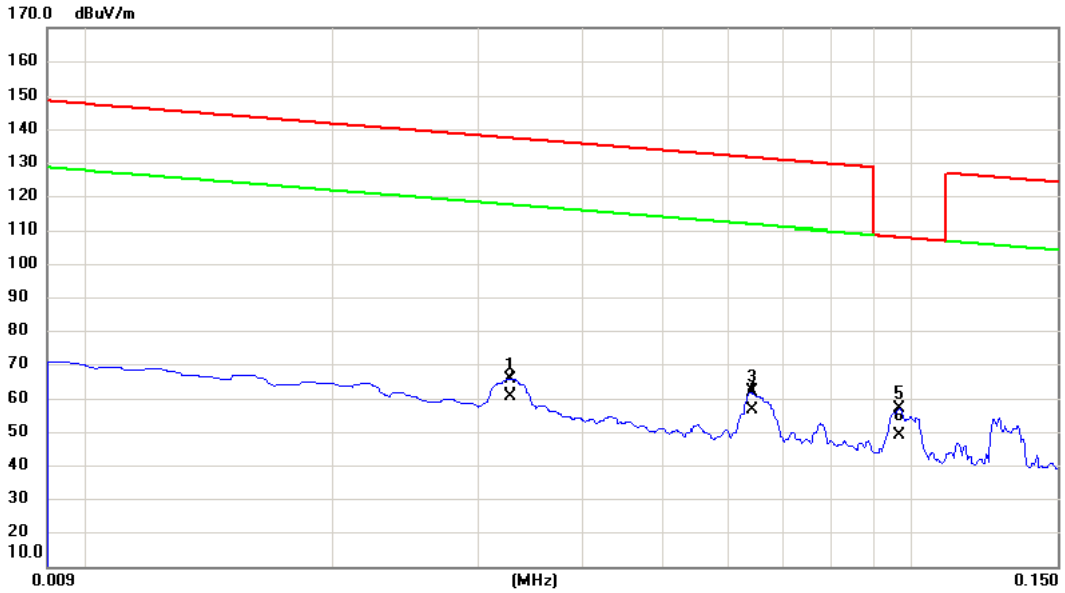
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.269	43.70	18.63	62.33	119.00	-56.67	peak	
2		0.269	40.22	18.63	58.85	99.00	-40.15	AVG	
3	*	2.389	30.37	17.40	47.77	69.54	-21.77	QP	
4		3.523	27.32	17.74	45.06	69.54	-24.48	QP	

Test Mode:	TX Mode

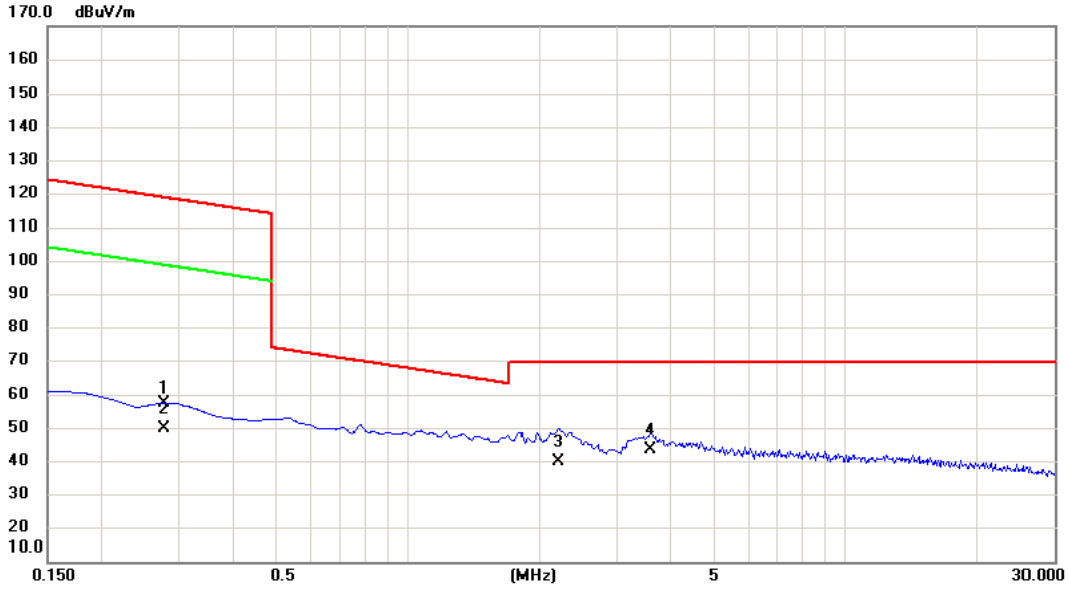
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.033	43.51	21.94	65.45	137.29	-71.84	peak	
2		0.033	38.78	21.94	60.72	117.29	-56.57	AVG	
3		0.064	42.13	19.66	61.79	131.47	-69.68	peak	
4		0.064	37.11	19.66	56.77	111.47	-54.70	AVG	
5	*	0.097	38.56	18.58	57.14	107.90	-50.76	peak	
6		0.097	30.58	18.58	49.16	107.90	-58.74	AVG	

Test Mode:	TX Mode

Ant 90°

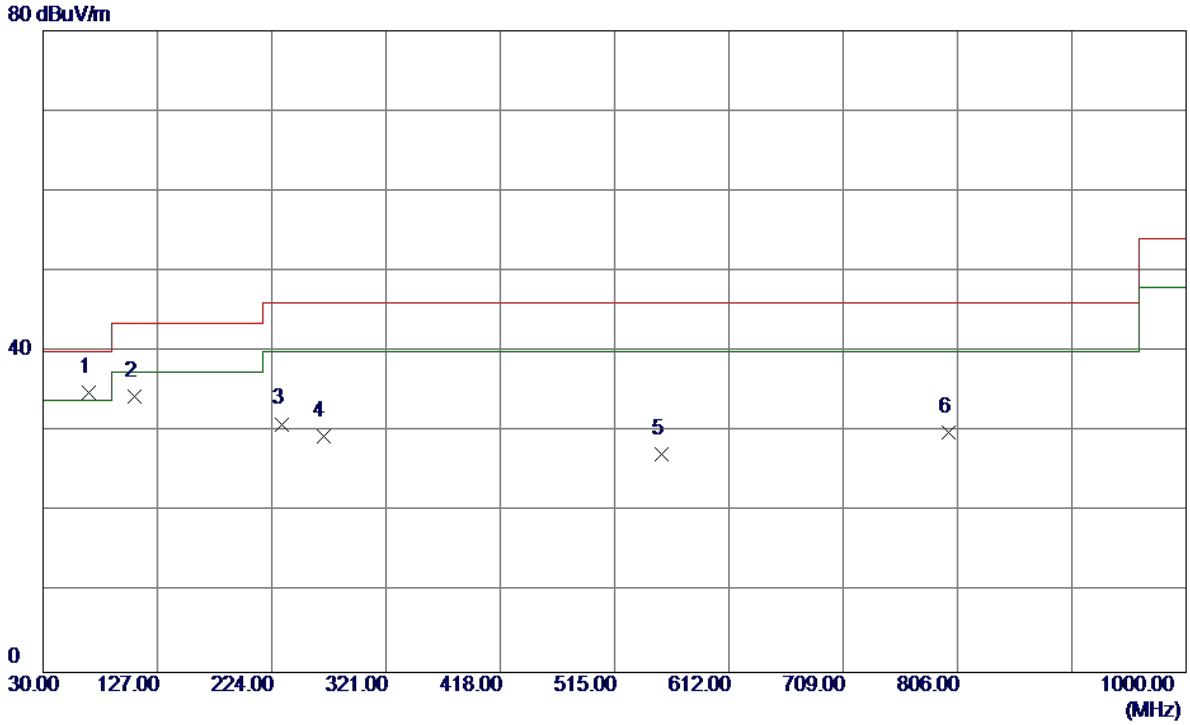


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.279	38.68	18.62	57.30	118.70	-61.40	peak	
2		0.279	31.24	18.62	49.86	98.70	-48.84	AVG	
3		2.210	22.34	17.64	39.98	69.54	-29.56	QP	
4	*	3.583	25.49	17.86	43.35	69.54	-26.19	QP	

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

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

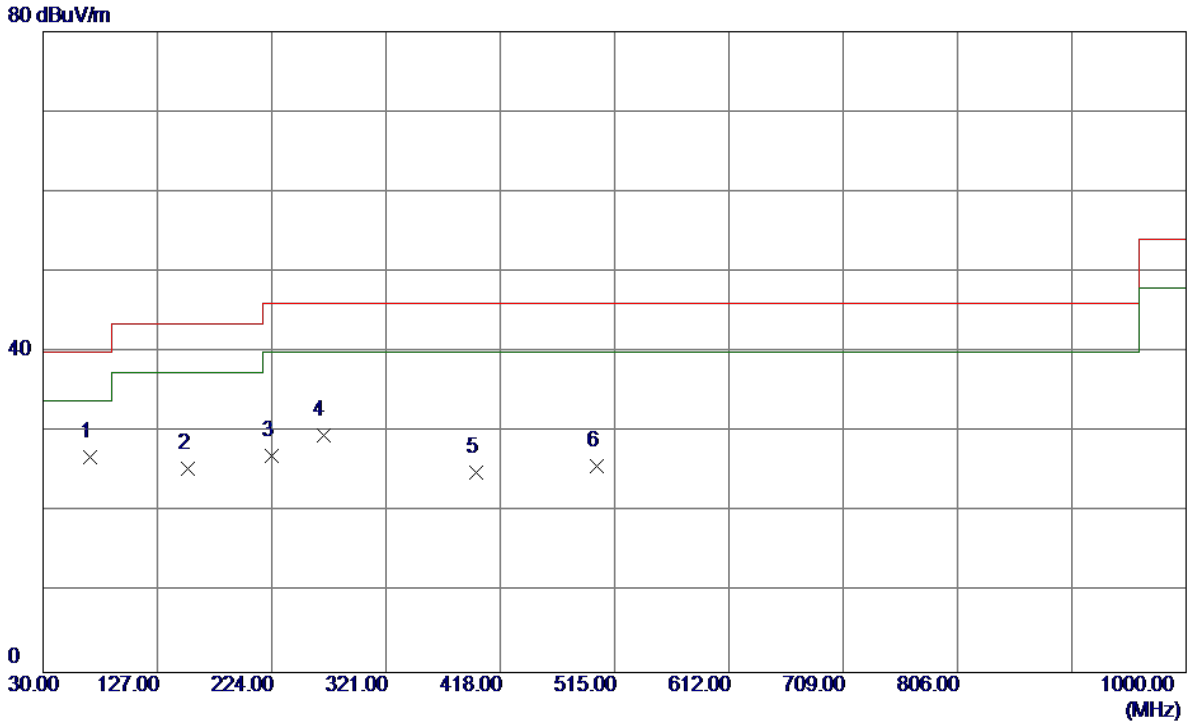
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	68.8000	51.07	-16.20	34.87	40.00	-5.13	Peak	
2	107.6000	49.18	-14.85	34.33	43.50	-9.17	Peak	
3	232.2450	44.42	-13.46	30.96	46.00	-15.04	Peak	
4	267.6500	43.01	-13.61	29.40	46.00	-16.60	Peak	
5	555.2550	32.03	-4.80	27.23	46.00	-18.77	Peak	
6	798.2400	29.73	0.18	29.91	46.00	-16.09	Peak	

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

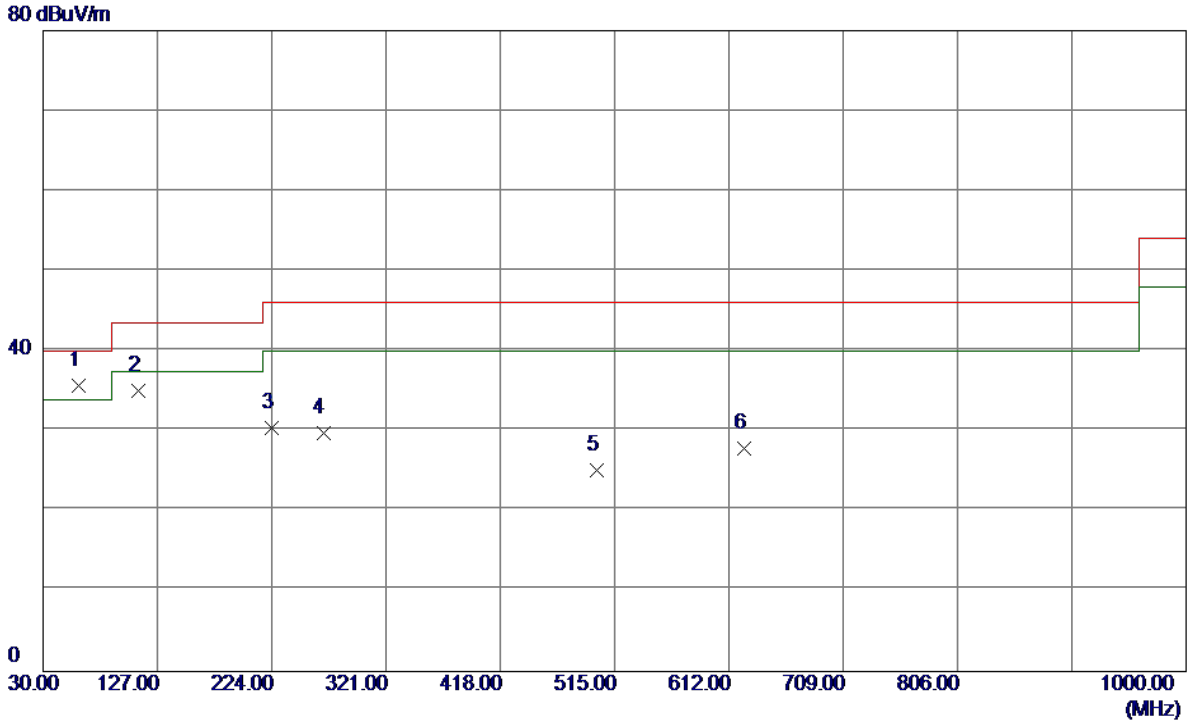
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	69.7699	43.30	-16.46	26.84	40.00	-13.16	Peak	
2	153.1900	38.06	-12.69	25.37	43.50	-18.13	Peak	
3	223.5150	40.98	-13.94	27.04	46.00	-18.96	Peak	
4	267.6500	43.21	-13.61	29.60	46.00	-16.40	Peak	
5	397.1450	32.97	-7.98	24.99	46.00	-21.01	Peak	
6	499.9650	35.43	-9.72	25.71	46.00	-20.29	Peak	

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

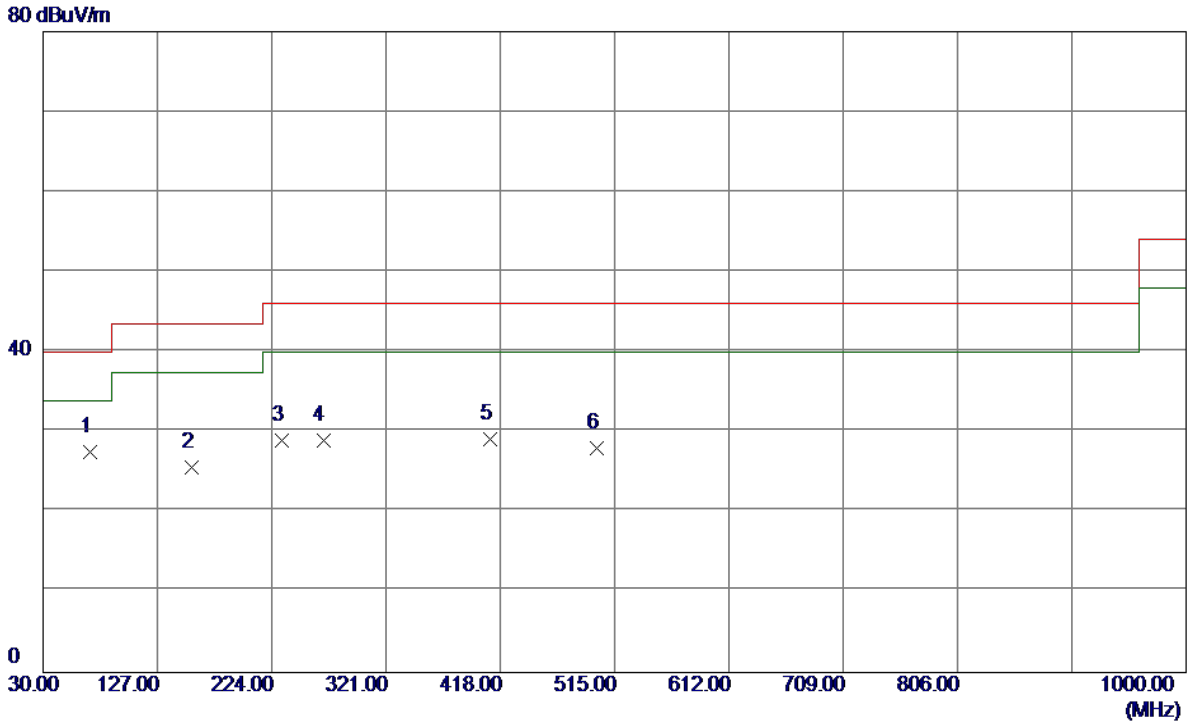
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	60.0700	49.49	-13.74	35.75	40.00	-4.25	Peak	
2	110.9950	49.57	-14.54	35.03	43.50	-8.47	Peak	
3	223.5150	44.41	-13.94	30.47	46.00	-15.53	Peak	
4	267.6500	43.36	-13.61	29.75	46.00	-16.25	Peak	
5	499.9650	34.89	-9.72	25.17	46.00	-20.83	Peak	
6	625.0949	33.50	-5.61	27.89	46.00	-18.11	Peak	

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

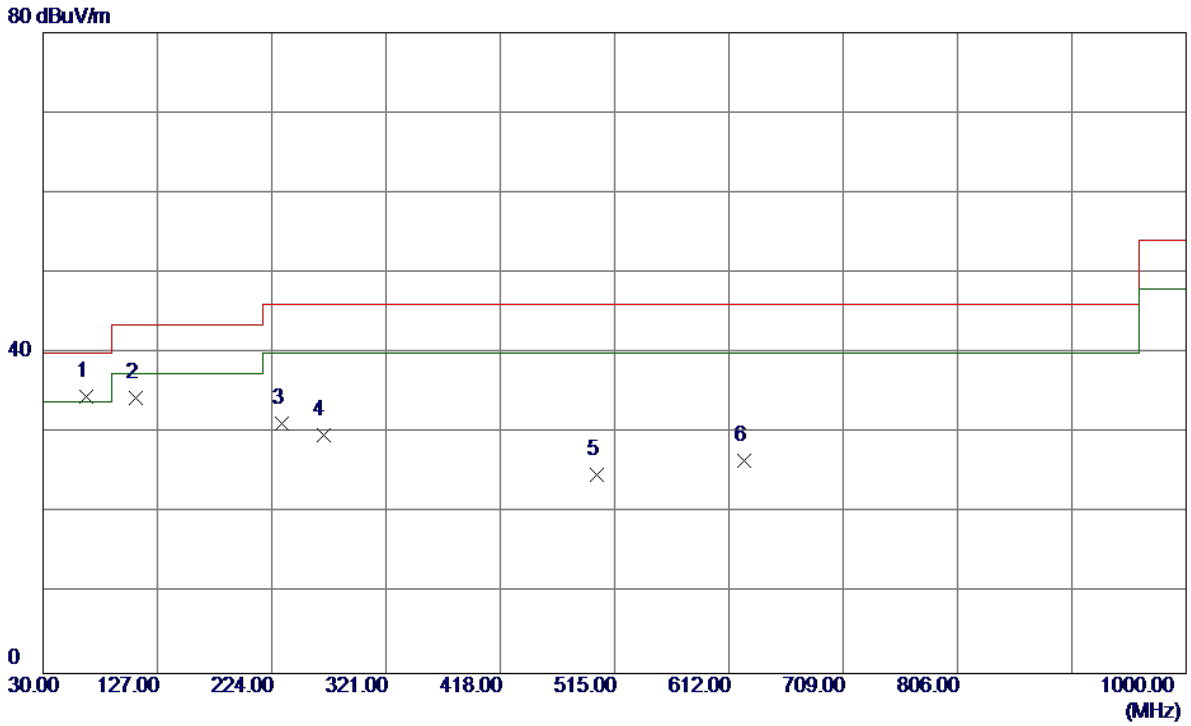
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	69.7699	44.03	-16.46	27.57	40.00	-12.43	Peak	
2	156.5850	38.05	-12.42	25.63	43.50	-17.87	Peak	
3	232.2450	42.47	-13.46	29.01	46.00	-16.99	Peak	
4	267.6500	42.50	-13.61	28.89	46.00	-17.11	Peak	
5	409.7550	36.91	-7.82	29.09	46.00	-16.91	Peak	
6	499.9650	37.78	-9.72	28.06	46.00	-17.94	Peak	

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

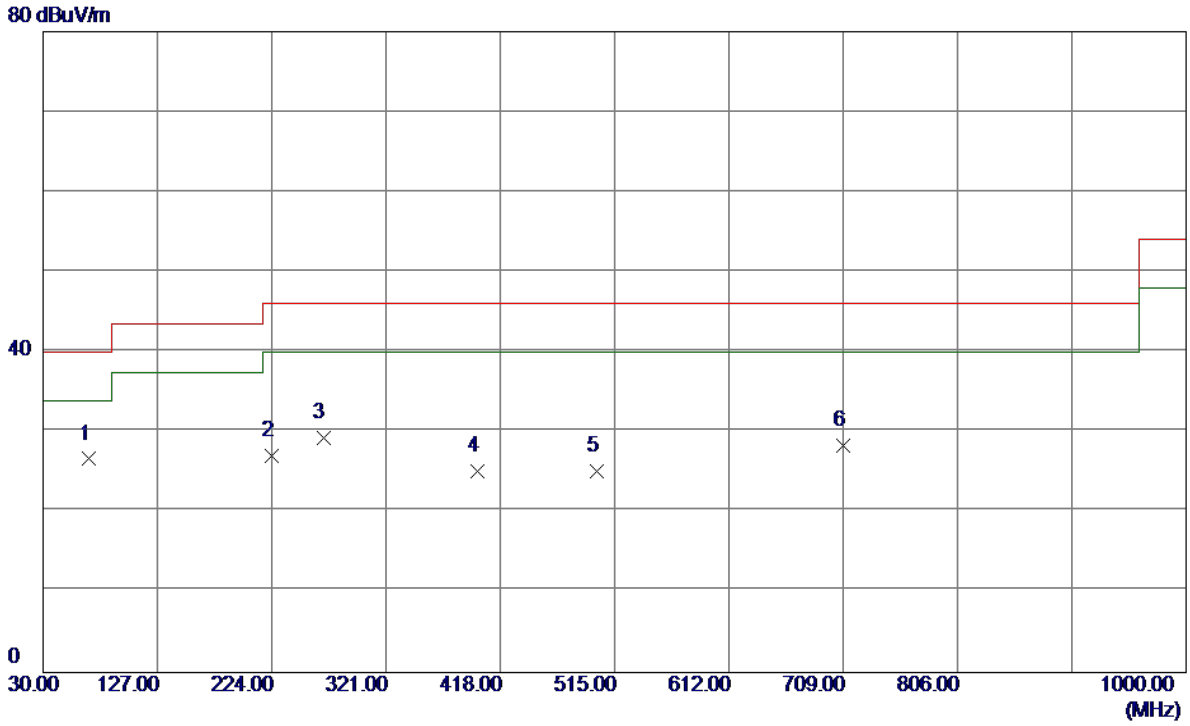
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	66.8600	50.23	-15.68	34.55	40.00	-5.45	Peak	
2	109.0550	49.08	-14.73	34.35	43.50	-9.15	Peak	
3	232.2450	44.60	-13.46	31.14	46.00	-14.86	Peak	
4	267.6500	43.41	-13.61	29.80	46.00	-16.20	Peak	
5	499.9650	34.56	-9.72	24.84	46.00	-21.16	Peak	
6	625.0949	32.14	-5.61	26.53	46.00	-19.47	Peak	

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

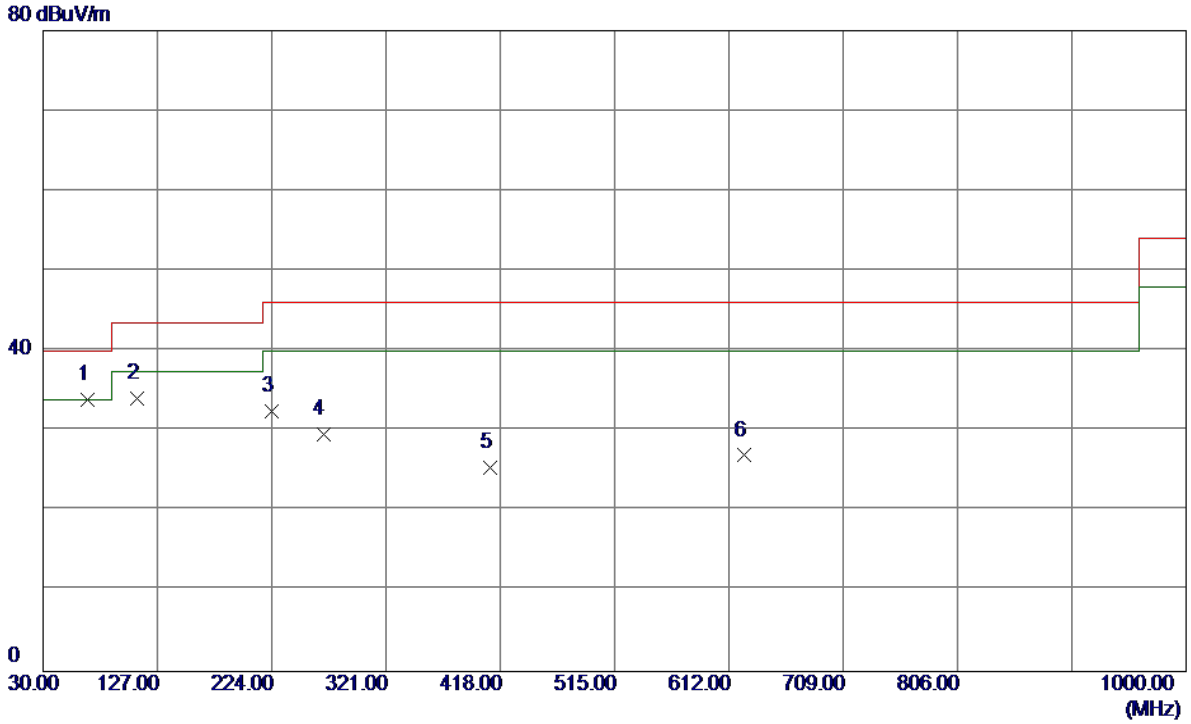
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	68.8000	42.84	-16.20	26.64	40.00	-13.36	Peak	
2	223.5150	40.99	-13.94	27.05	46.00	-18.95	Peak	
3	267.6500	42.82	-13.61	29.21	46.00	-16.79	Peak	
4	398.1150	33.07	-7.91	25.16	46.00	-20.84	Peak	
5	499.9650	34.90	-9.72	25.18	46.00	-20.82	Peak	
6	709.4850	30.34	-2.08	28.26	46.00	-17.74	Peak	

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

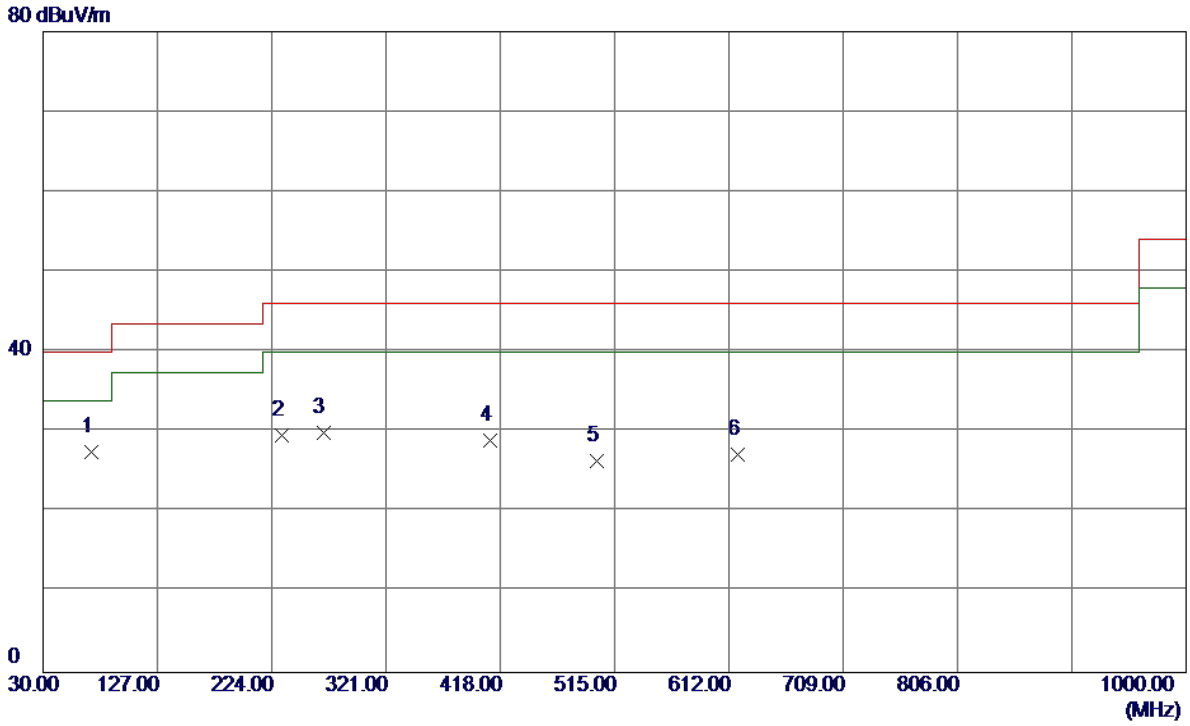
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	67.8300	49.92	-15.94	33.98	40.00	-6.02	Peak	
2	110.0250	48.68	-14.66	34.02	43.50	-9.48	Peak	
3	223.5150	46.43	-13.94	32.49	46.00	-13.51	Peak	
4	267.6500	43.28	-13.61	29.67	46.00	-16.33	Peak	
5	409.7550	33.32	-7.82	25.50	46.00	-20.50	Peak	
6	625.0949	32.57	-5.61	26.96	46.00	-19.04	Peak	

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

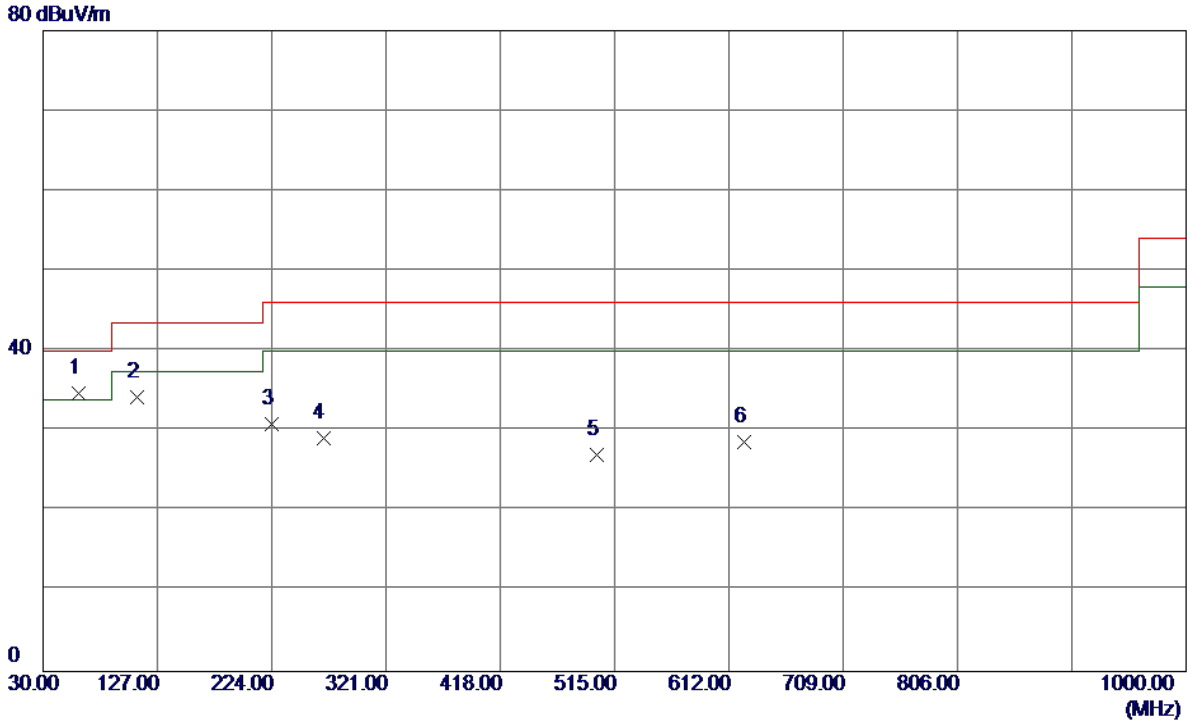
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	70.7400	44.00	-16.53	27.47	40.00	-12.53	Peak	
2	232.2450	43.02	-13.46	29.56	46.00	-16.44	Peak	
3	267.6500	43.50	-13.61	29.89	46.00	-16.11	Peak	
4	409.7550	36.78	-7.82	28.96	46.00	-17.04	Peak	
5	499.9650	36.15	-9.72	26.43	46.00	-19.57	Peak	
6	619.7600	33.18	-5.92	27.26	46.00	-18.74	Peak	

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

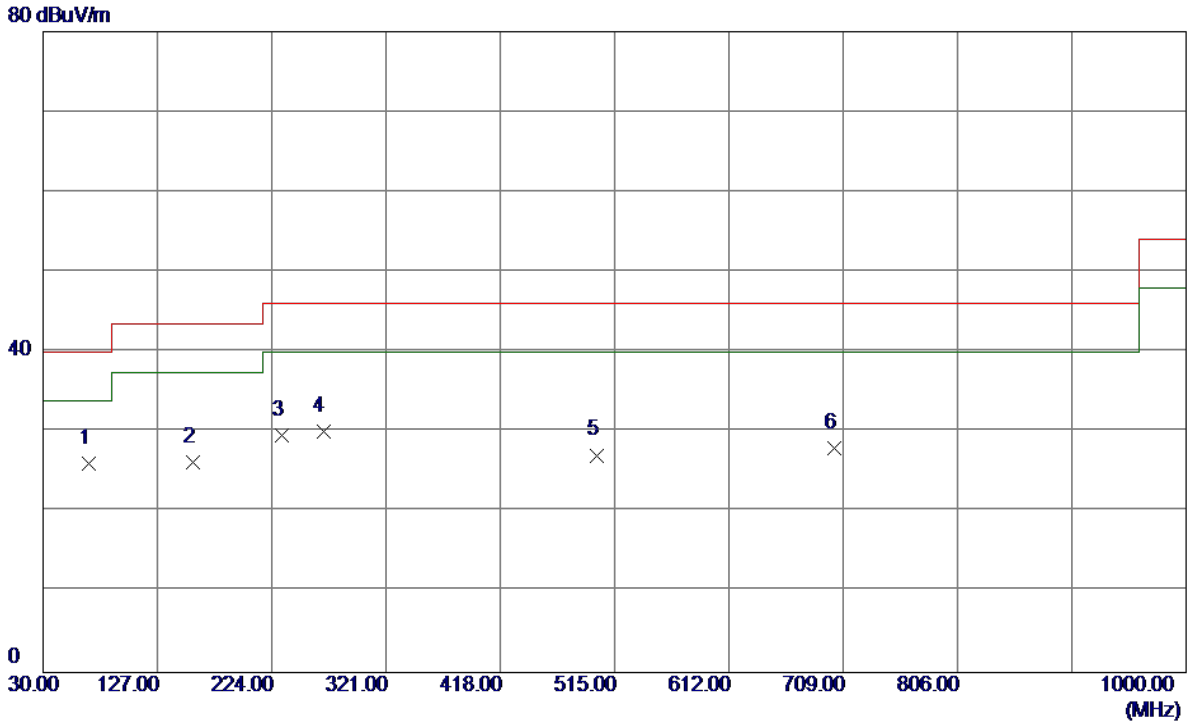
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	60.0700	48.47	-13.74	34.73	40.00	-5.27	Peak	
2	110.0250	48.93	-14.66	34.27	43.50	-9.23	Peak	
3	223.5150	44.82	-13.94	30.88	46.00	-15.12	Peak	
4	267.6500	42.70	-13.61	29.09	46.00	-16.91	Peak	
5	499.9650	36.69	-9.72	26.97	46.00	-19.03	Peak	
6	625.0949	34.31	-5.61	28.70	46.00	-17.30	Peak	

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

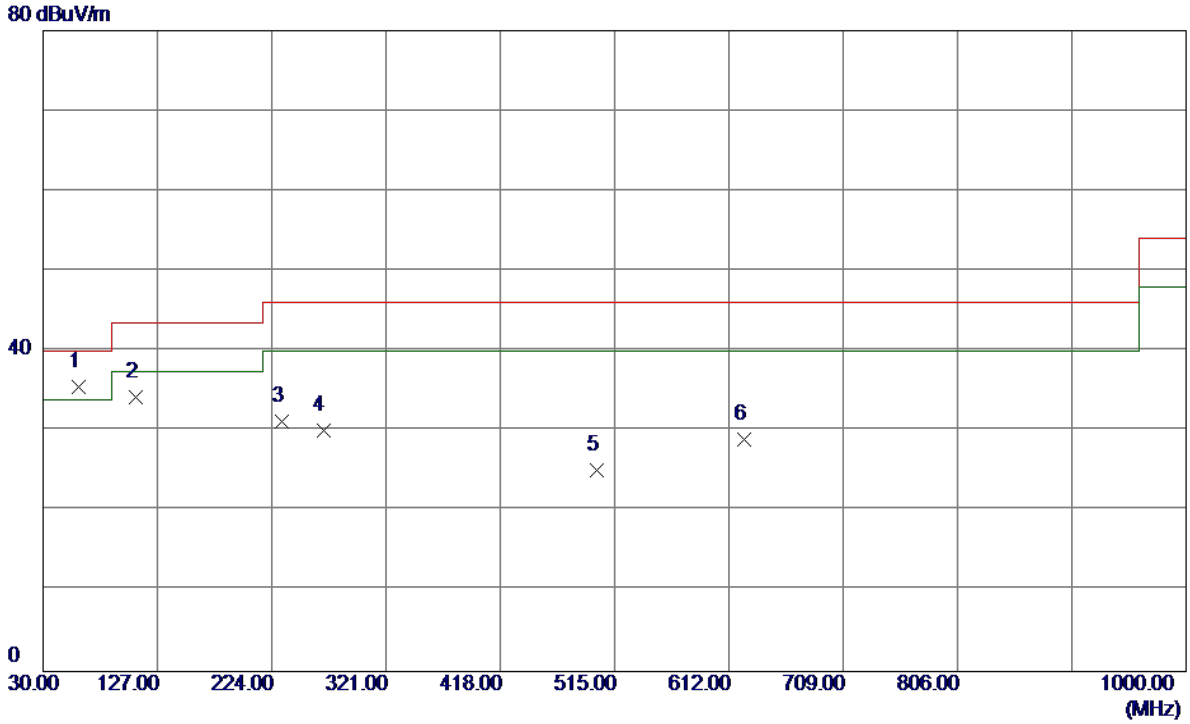
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	68.8000	42.21	-16.20	26.01	40.00	-13.99	Peak	
2	157.0700	38.62	-12.38	26.24	43.50	-17.26	Peak	
3	232.2450	43.04	-13.46	29.58	46.00	-16.42	Peak	
4	267.6500	43.66	-13.61	30.05	46.00	-15.95	Peak	
5	499.9650	36.84	-9.72	27.12	46.00	-18.88	Peak	
6	701.2400	30.12	-2.10	28.02	46.00	-17.98	Peak	

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

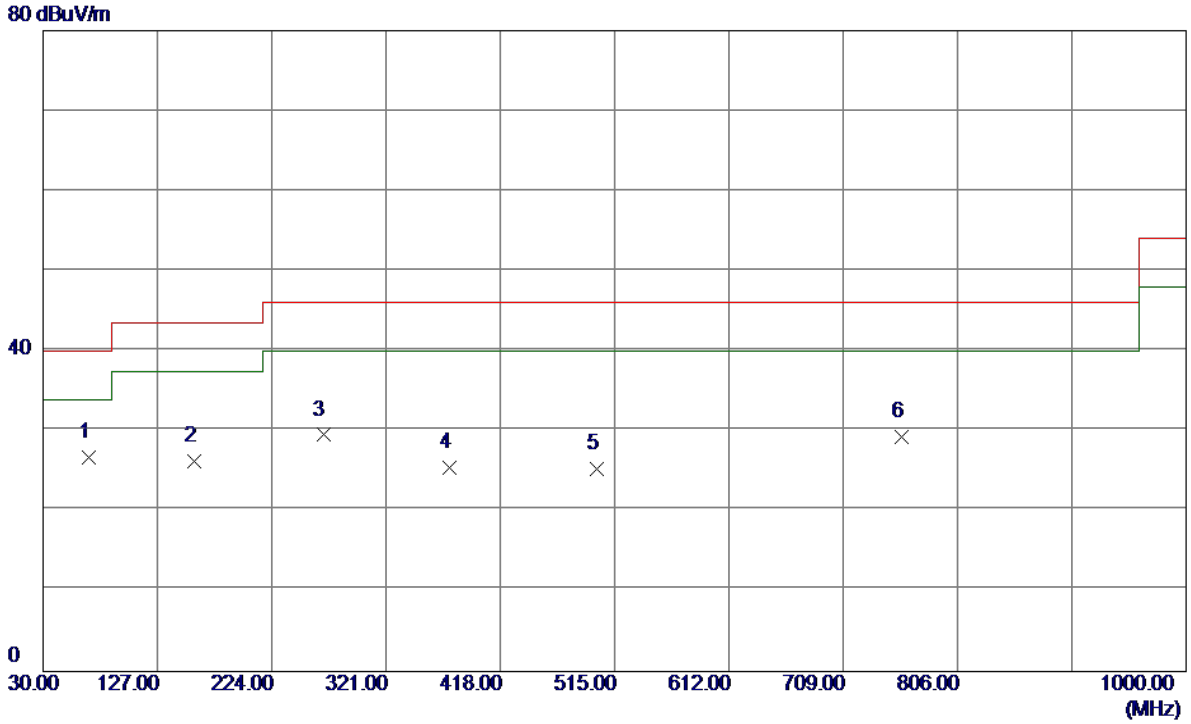
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	60.0700	49.28	-13.74	35.54	40.00	-4.46	Peak	
2	108.5700	48.95	-14.77	34.18	43.50	-9.32	Peak	
3	232.2450	44.65	-13.46	31.19	46.00	-14.81	Peak	
4	267.6500	43.68	-13.61	30.07	46.00	-15.93	Peak	
5	499.9650	34.84	-9.72	25.12	46.00	-20.88	Peak	
6	625.0949	34.51	-5.61	28.90	46.00	-17.10	Peak	

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

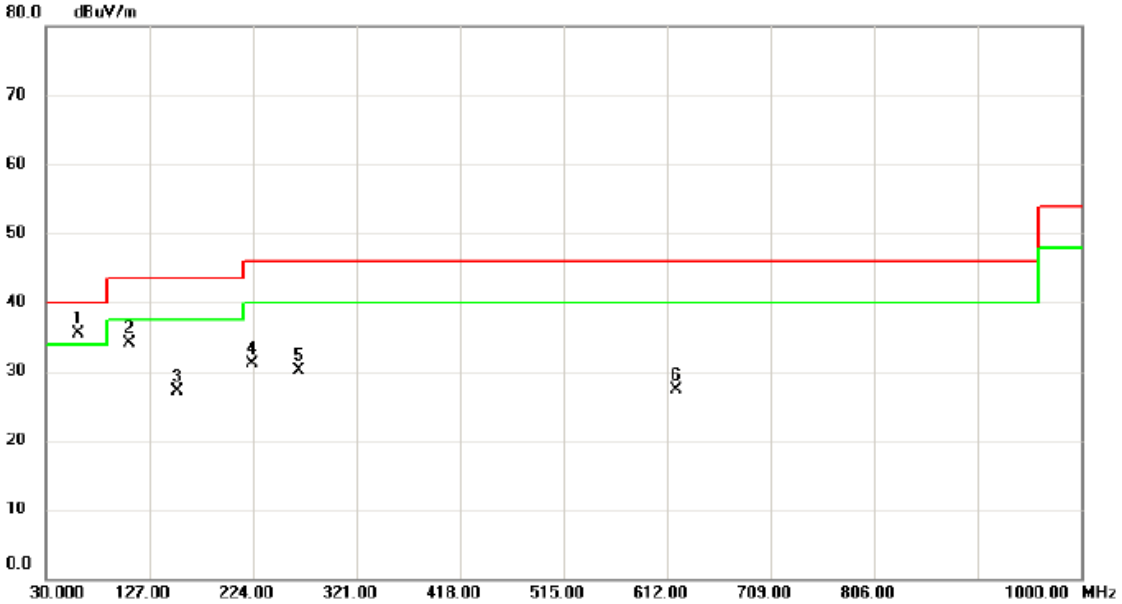
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	68.8000	42.85	-16.20	26.65	40.00	-13.35	Peak	
2	158.0399	38.53	-12.30	26.23	43.50	-17.27	Peak	
3	267.6500	43.13	-13.61	29.52	46.00	-16.48	Peak	
4	374.8350	34.95	-9.51	25.44	46.00	-20.56	Peak	
5	499.9650	35.02	-9.72	25.30	46.00	-20.70	Peak	
6	758.9550	30.89	-1.57	29.32	46.00	-16.68	Peak	

Test Mode:	TX AC Wave2(160 MHz) Mode 5210MHz

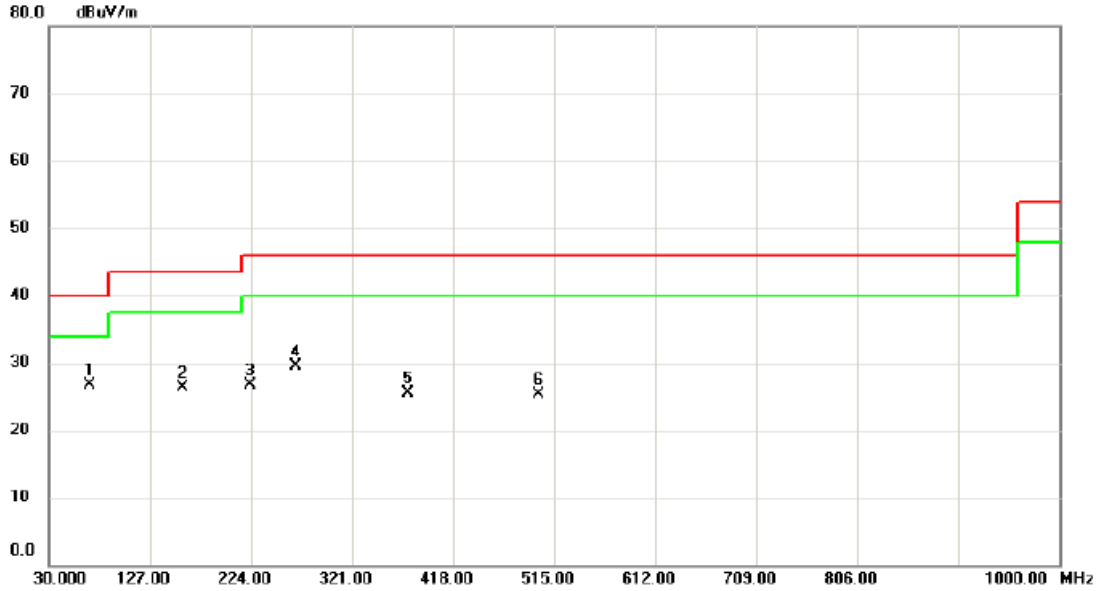
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	60.070	49.28	-13.74	35.54	40.00	-4.46	peak	
2		108.570	48.96	-14.78	34.18	43.50	-9.32	peak	
3		153.190	39.77	-12.70	27.07	43.50	-16.43	peak	
4		223.515	45.13	-13.94	31.19	46.00	-14.81	peak	
5		267.650	43.67	-13.60	30.07	46.00	-15.93	peak	
6		620.730	33.12	-5.87	27.25	46.00	-18.75	peak	

Test Mode:	TX AC Wave2(160 MHz) Mode 5210MHz

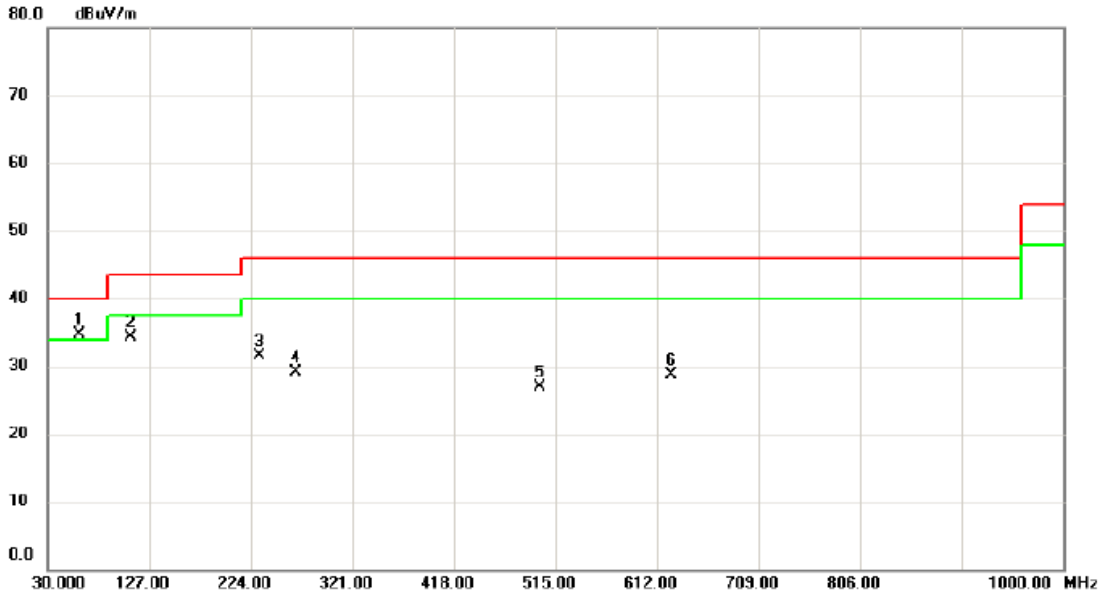
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	68.800	42.85	-16.20	26.65	40.00	-13.35	peak	
2		158.040	38.54	-12.31	26.23	43.50	-17.27	peak	
3		223.515	40.58	-13.94	26.64	46.00	-19.36	peak	
4		267.650	43.12	-13.60	29.52	46.00	-16.48	peak	
5		374.835	34.95	-9.51	25.44	46.00	-20.56	peak	
6		499.965	35.02	-9.72	25.30	46.00	-20.70	peak	

Test Mode:	TX AC Wave2(160 MHz) Mode 5775MHz

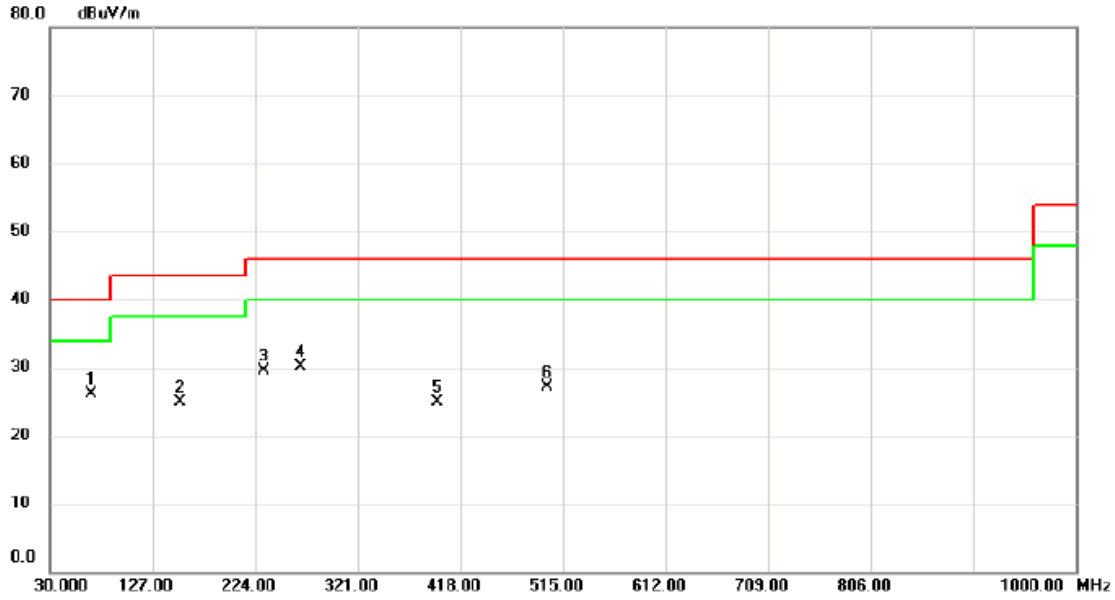
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	60.070	48.47	-13.74	34.73	40.00	-5.27	peak	
2		110.025	48.93	-14.66	34.27	43.50	-9.23	peak	
3		232.245	45.03	-13.46	31.57	46.00	-14.43	peak	
4		267.650	42.69	-13.60	29.09	46.00	-16.91	peak	
5		499.965	36.69	-9.72	26.97	46.00	-19.03	peak	
6		625.095	34.31	-5.61	28.70	46.00	-17.30	peak	

Test Mode:	TX AC Wave2(160 MHz) Mode 5775MHz

Horizontal

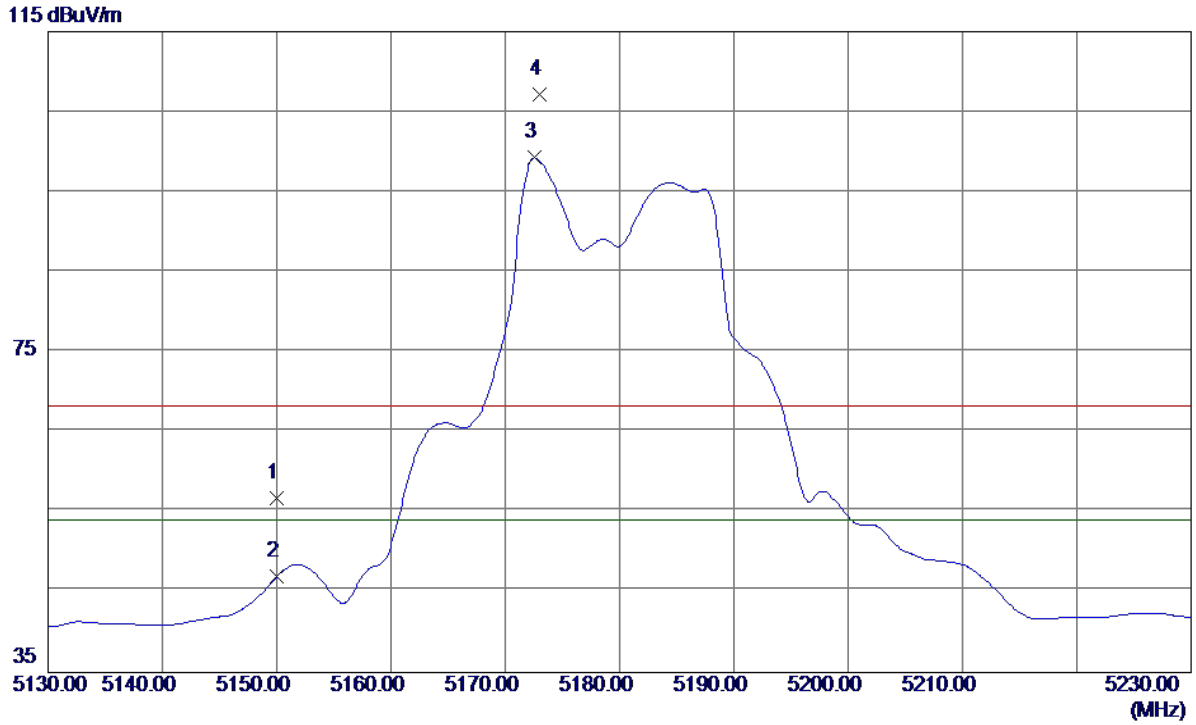


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	68.800	42.21	-16.20	26.01	40.00	-13.99	peak	
2		153.190	37.60	-12.70	24.90	43.50	-18.60	peak	
3		232.245	43.04	-13.46	29.58	46.00	-16.42	peak	
4		267.650	43.65	-13.60	30.05	46.00	-15.95	peak	
5		396.660	32.99	-8.00	24.99	46.00	-21.01	peak	
6		499.965	36.84	-9.72	27.12	46.00	-18.88	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

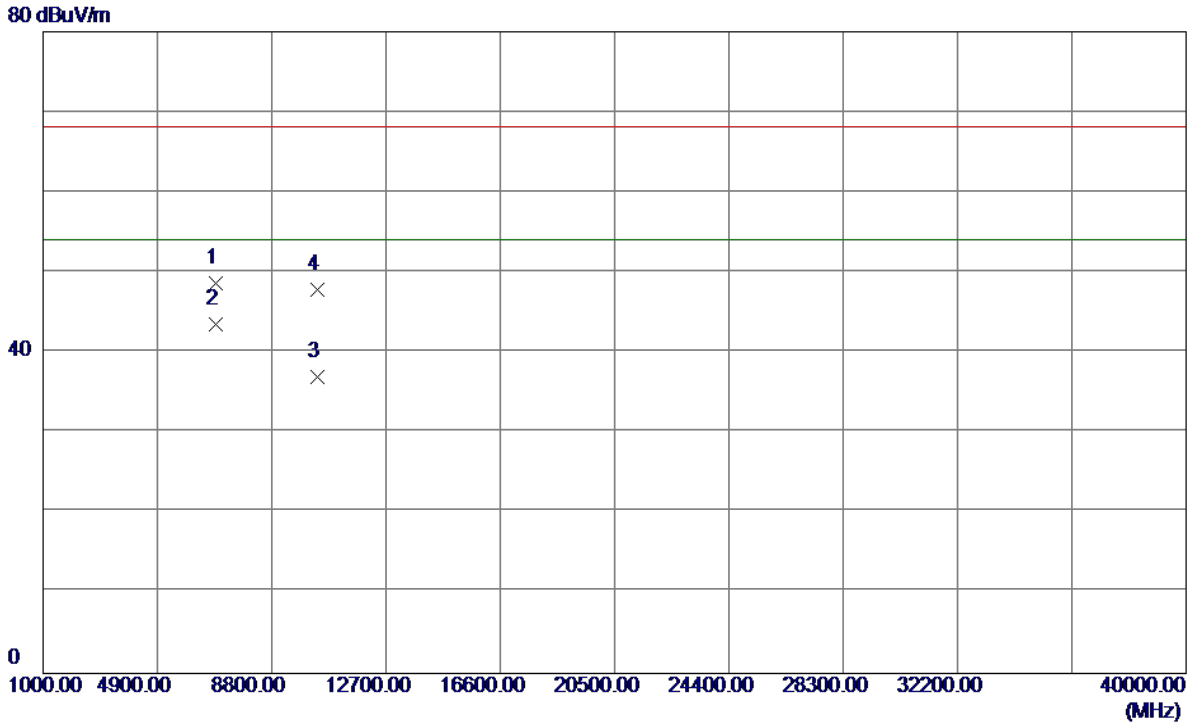
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.13	40.62	56.75	68.20	-11.45	Peak	
2	5150.0000	6.38	40.62	47.00	54.00	-7.00	AVG	
3 *	5172.5500	58.57	40.70	99.27	54.00	45.27	AVG	No Limit
4	5173.0500	66.48	40.70	107.18	68.20	38.98	Peak	No Limit

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

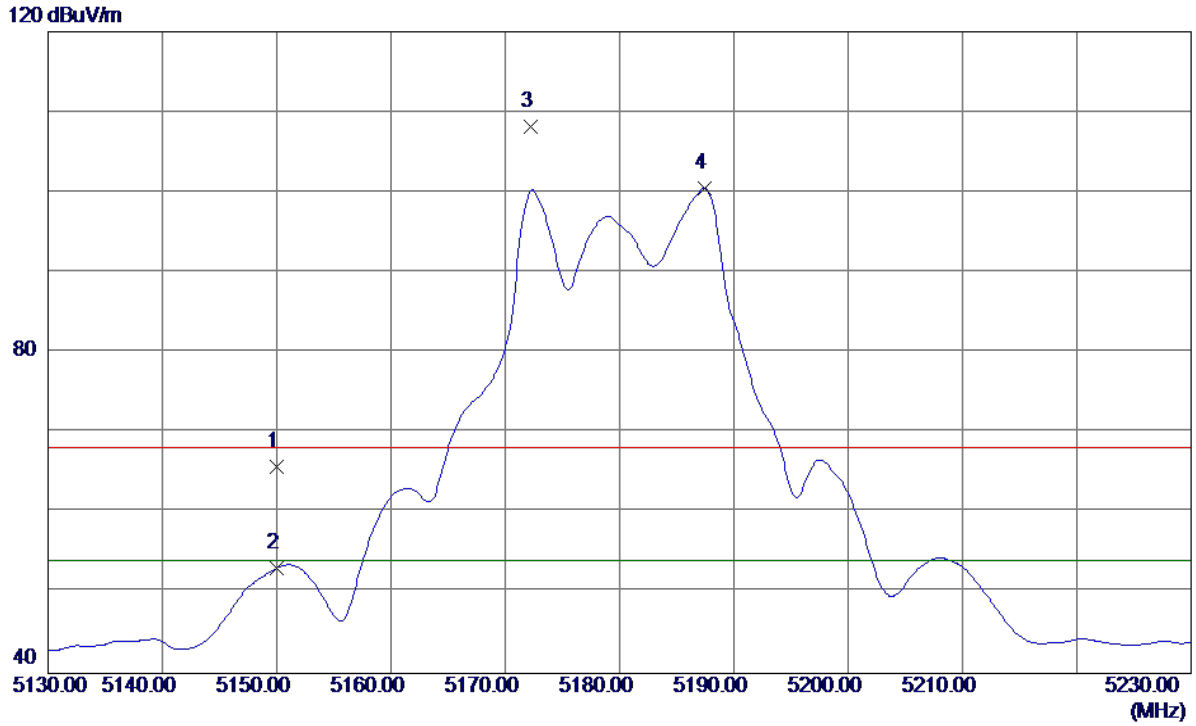
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6906.7300	37.91	10.78	48.69	68.20	-19.51	Peak	
2 *	6906.6250	32.74	10.78	43.52	54.00	-10.48	AVG	
3	10359.7000	22.02	14.96	36.98	54.00	-17.02	AVG	
4	10359.9100	32.94	14.96	47.90	68.20	-20.30	Peak	

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

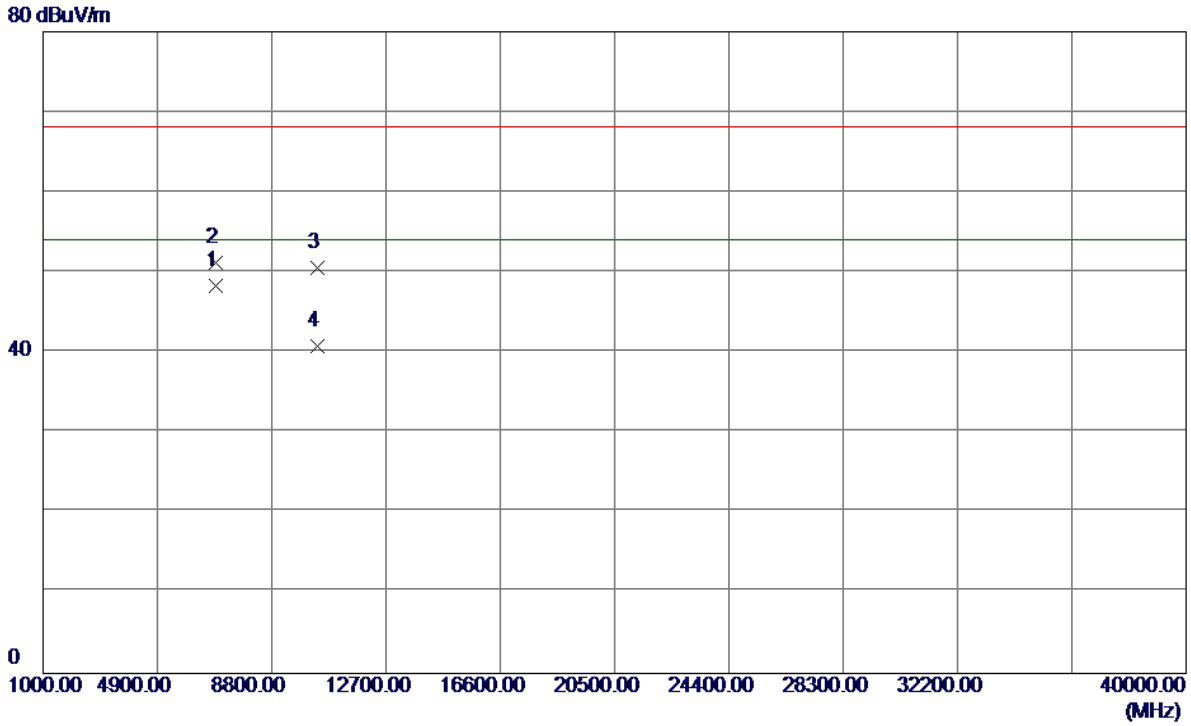
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	25.13	40.62	65.75	68.20	-2.45	Peak	
2	5150.0000	12.53	40.62	53.15	54.00	-0.85	AVG	
3	5172.2000	67.42	40.70	108.12	68.20	39.92	Peak	No Limit
4 *	5187.4500	59.74	40.75	100.49	54.00	46.49	AVG	No Limit

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

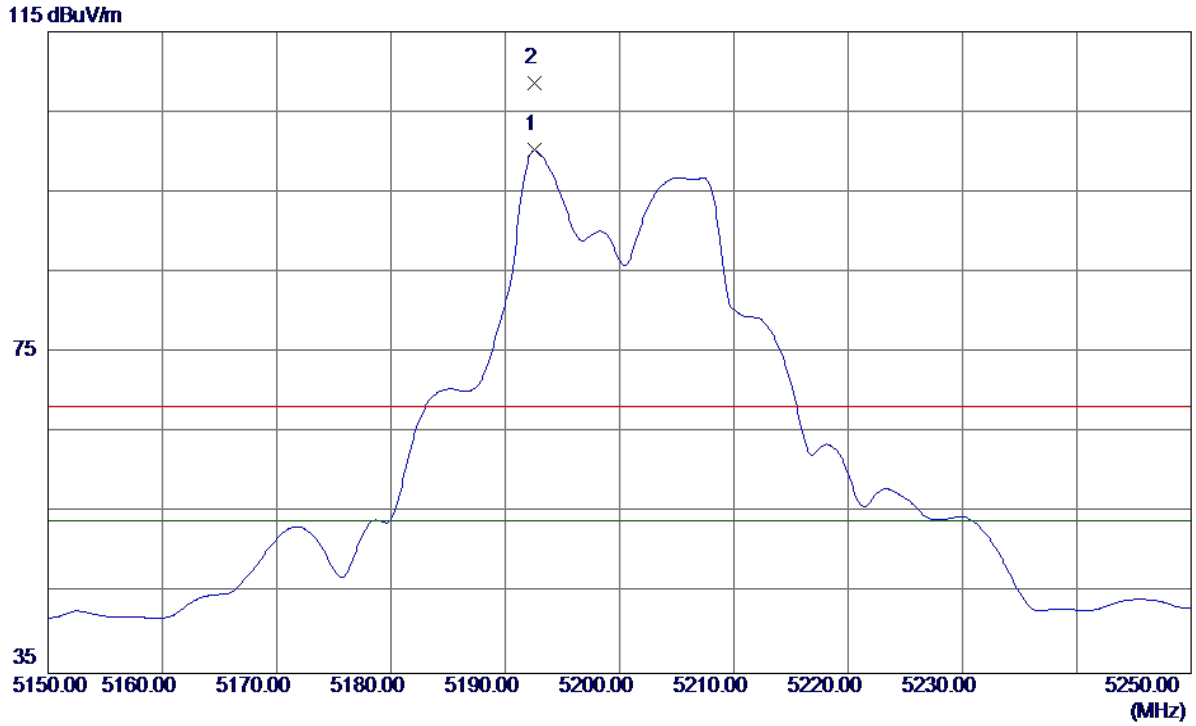
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6906.6900	37.50	10.78	48.28	54.00	-5.72	AVG	
2	6906.7100	40.41	10.78	51.19	68.20	-17.01	Peak	
3	10359.1050	35.57	14.96	50.53	68.20	-17.67	Peak	
4	10359.9200	25.80	14.96	40.76	54.00	-13.24	AVG	

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

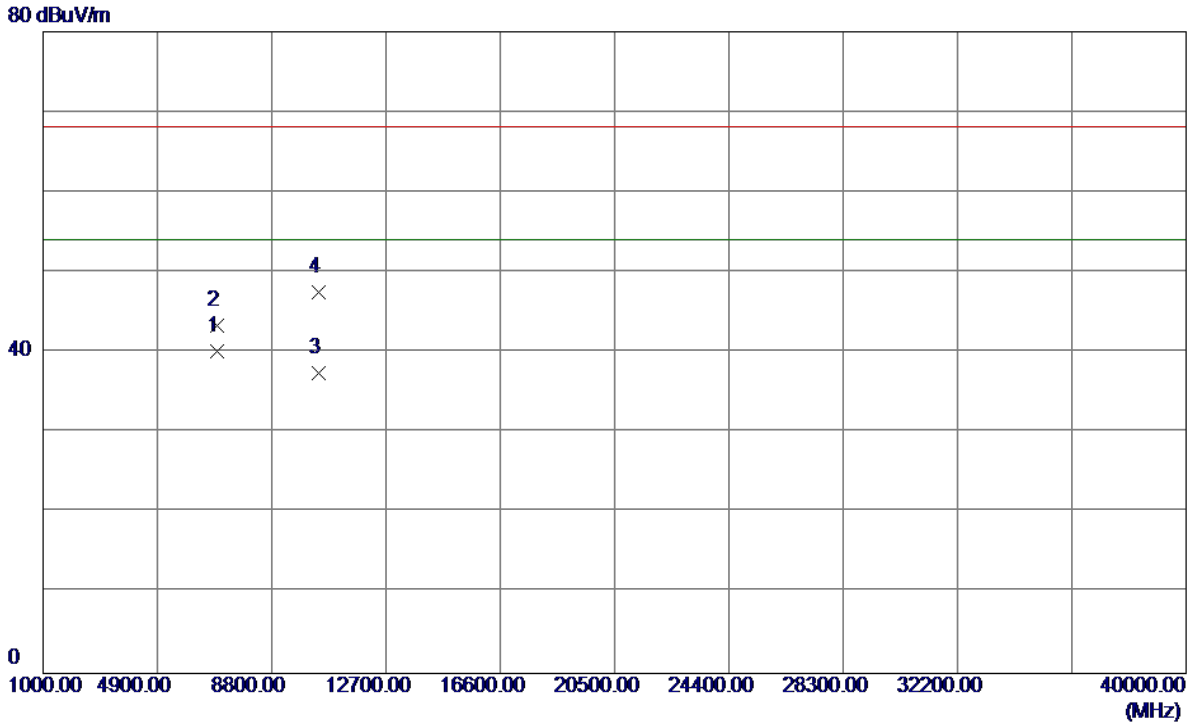
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.5500	59.44	40.77	100.21	54.00	46.21	AVG	No Limit
2	5192.6000	67.79	40.77	108.56	68.20	40.36	Peak	No Limit

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

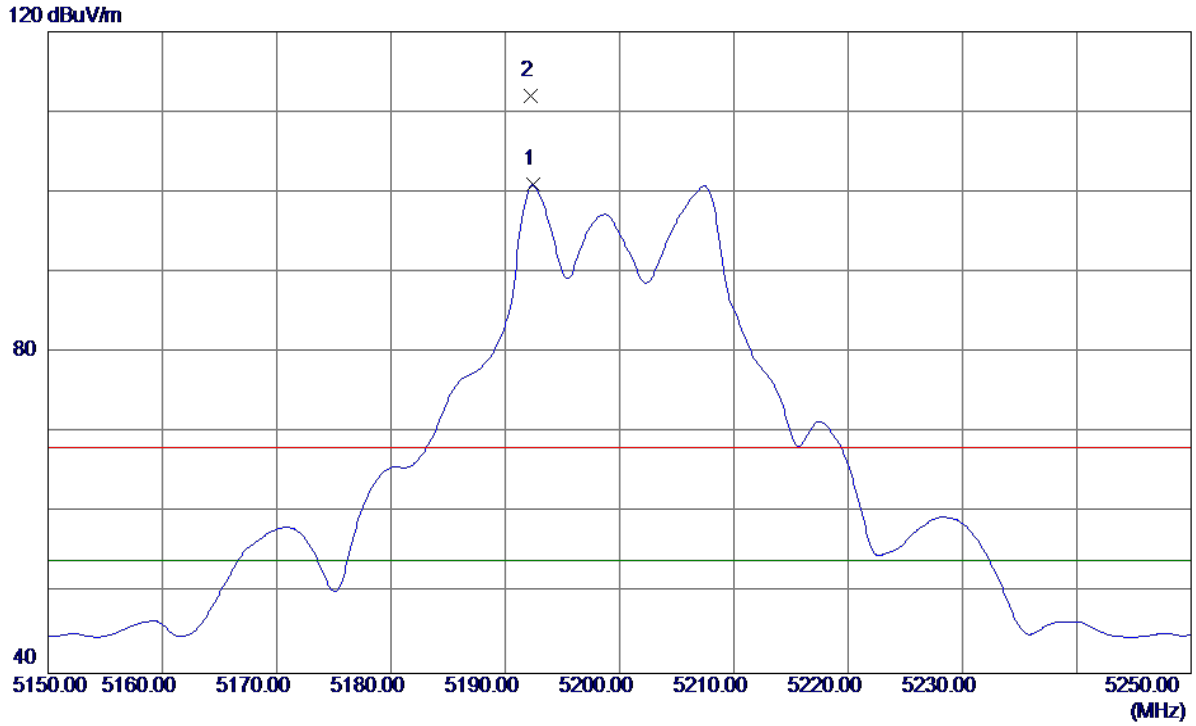
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6933.3280	29.35	10.77	40.12	54.00	-13.88	AVG	
2	6933.4100	32.57	10.77	43.34	68.20	-24.86	Peak	
3	10399.8160	22.41	15.06	37.47	54.00	-16.53	AVG	
4	10400.2100	32.50	15.06	47.56	68.20	-20.64	Peak	

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

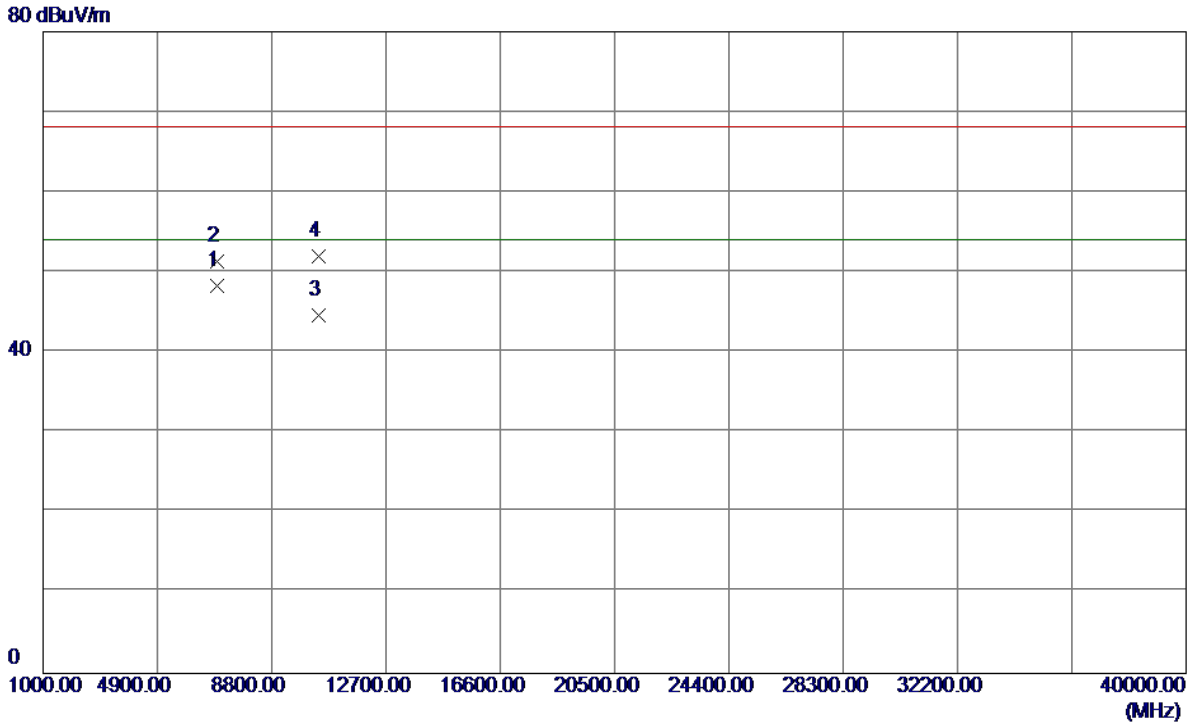
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5192.4000	60.13	40.76	100.89	54.00	46.89	AVG	No Limit
2	5192.2500	71.24	40.76	112.00	68.20	43.80	Peak	No Limit

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

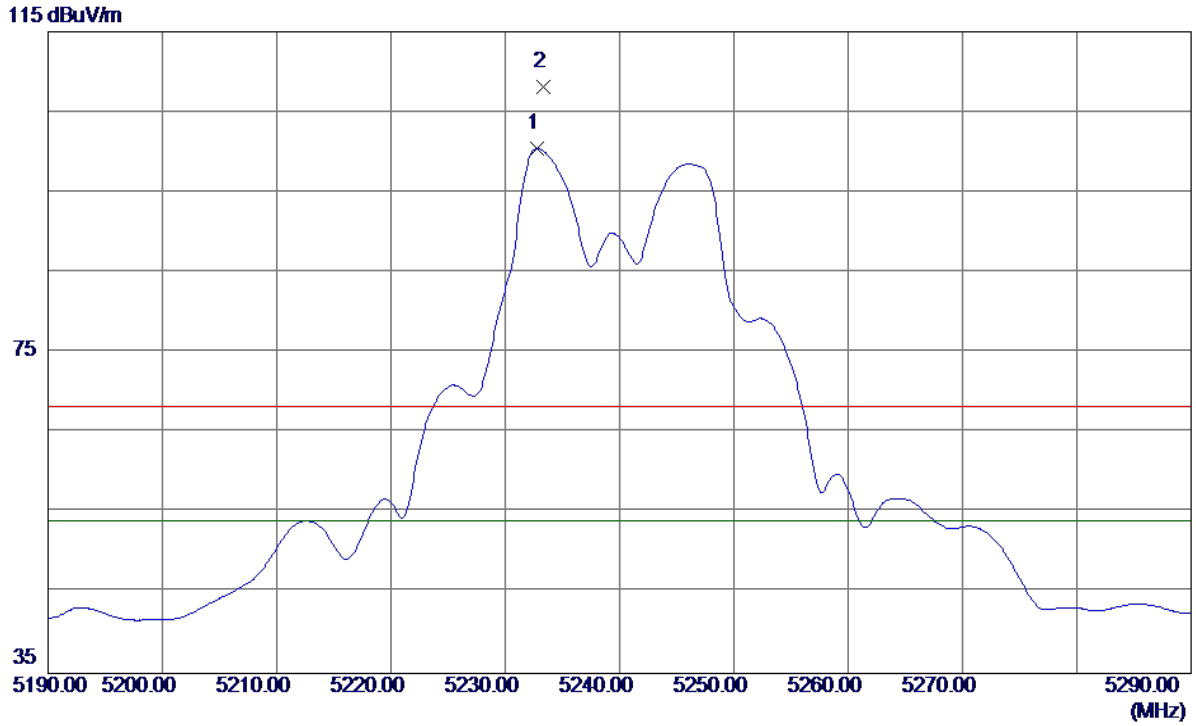
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6933.3210	37.56	10.77	48.33	54.00	-5.67	AVG	
2	6933.3160	40.60	10.77	51.37	68.20	-16.83	Peak	
3	10400.5750	29.65	15.06	44.71	54.00	-9.29	AVG	
4	10401.2710	36.91	15.06	51.97	68.20	-16.23	Peak	

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

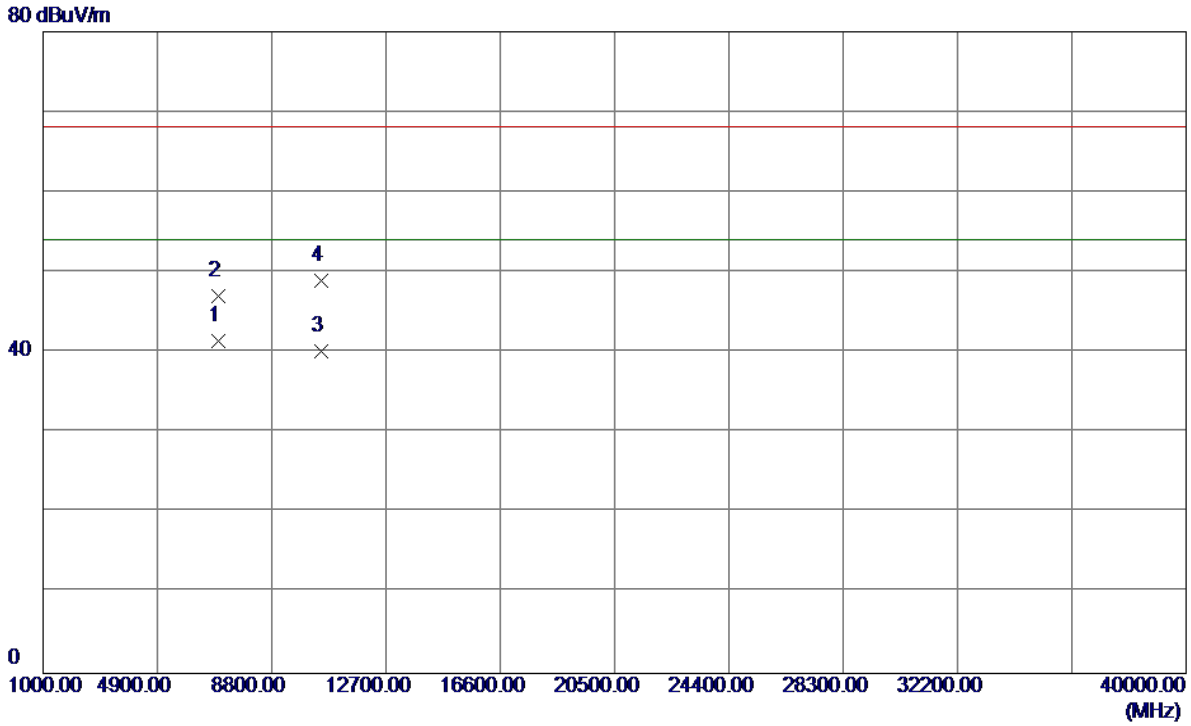
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.7500	59.55	40.90	100.45	54.00	46.45	AVG	No Limit
2	5233.3000	67.29	40.90	108.19	68.20	39.99	Peak	No Limit

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

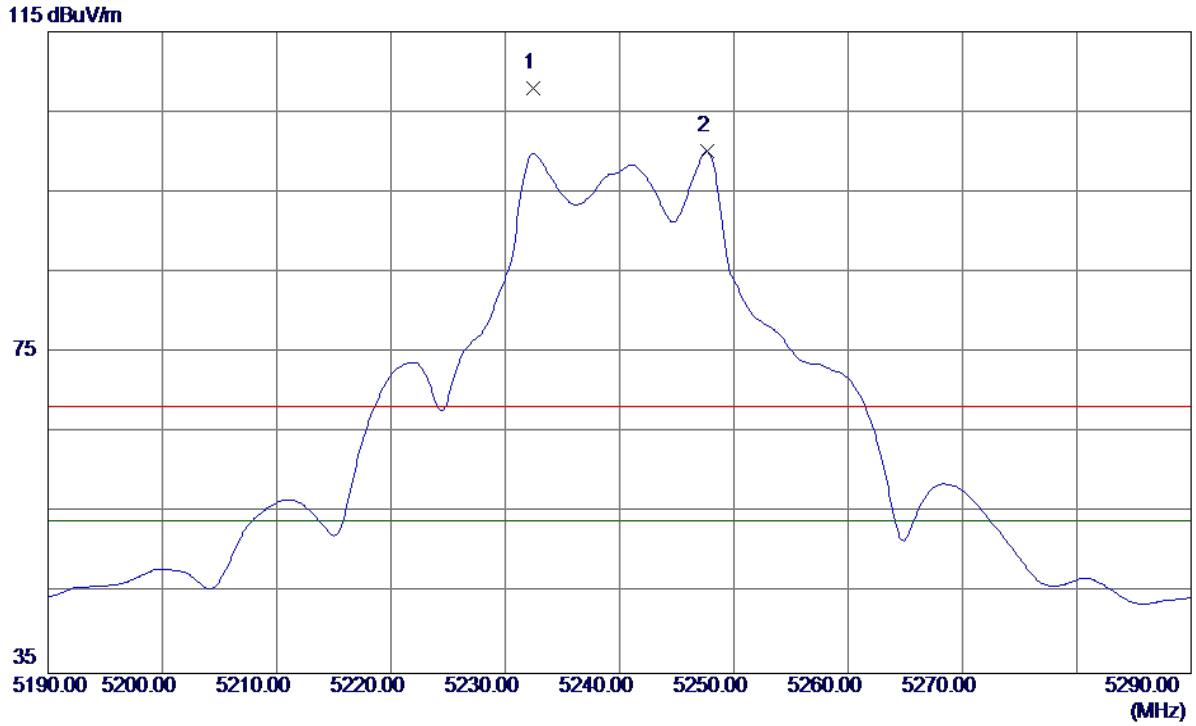
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6986.5300	30.66	10.75	41.41	54.00	-12.59	AVG	
2	6986.6470	36.30	10.75	47.05	68.20	-21.15	Peak	
3	10480.6200	24.88	15.24	40.12	54.00	-13.88	AVG	
4	10480.7600	33.77	15.24	49.01	68.20	-19.19	Peak	

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

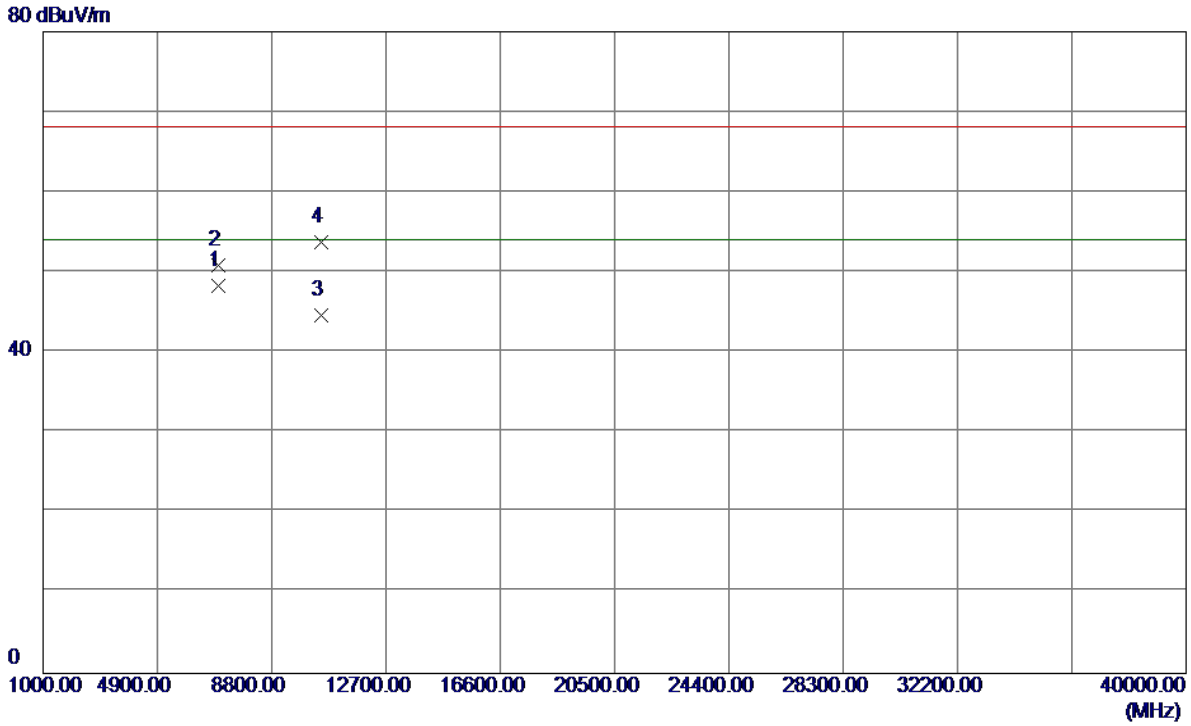
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5232.4000	67.07	40.90	107.97	68.20	39.77	Peak	No Limit
2 *	5247.6500	59.13	40.95	100.08	54.00	46.08	AVG	No Limit

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

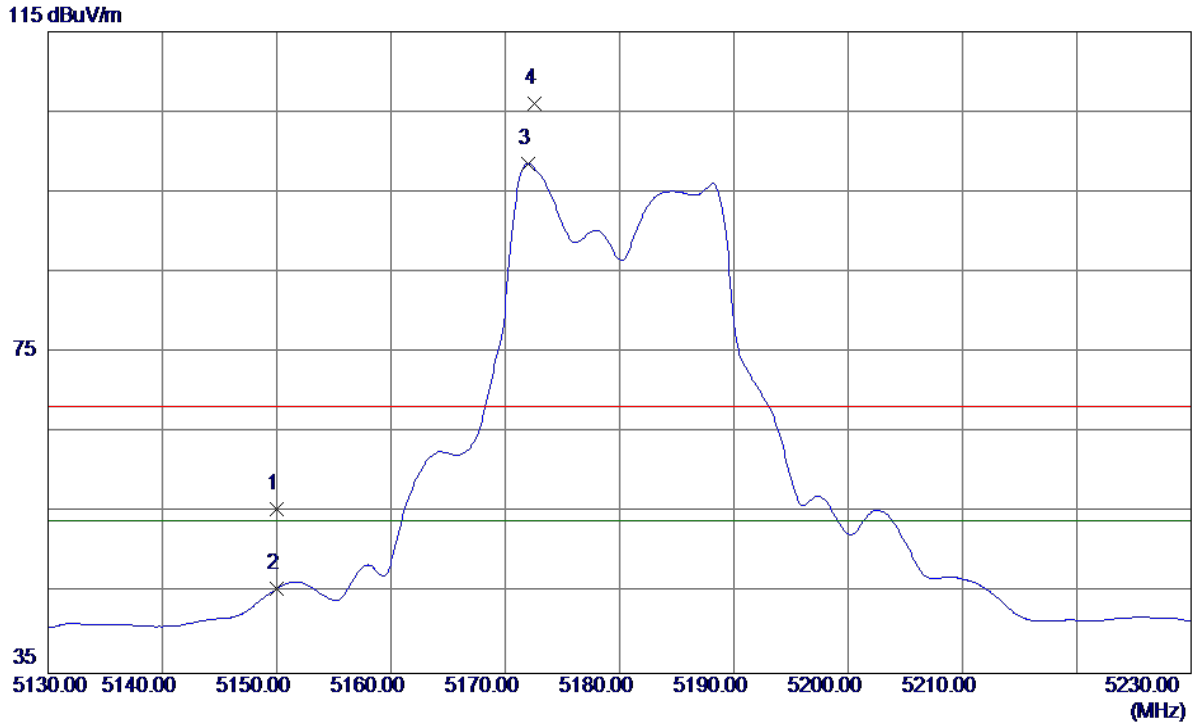
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6986.6540	37.53	10.75	48.28	54.00	-5.72	AVG	
2	6986.7000	40.16	10.75	50.91	68.20	-17.29	Peak	
3	10480.3000	29.47	15.24	44.71	54.00	-9.29	AVG	
4	10481.5700	38.57	15.25	53.82	68.20	-14.38	Peak	

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

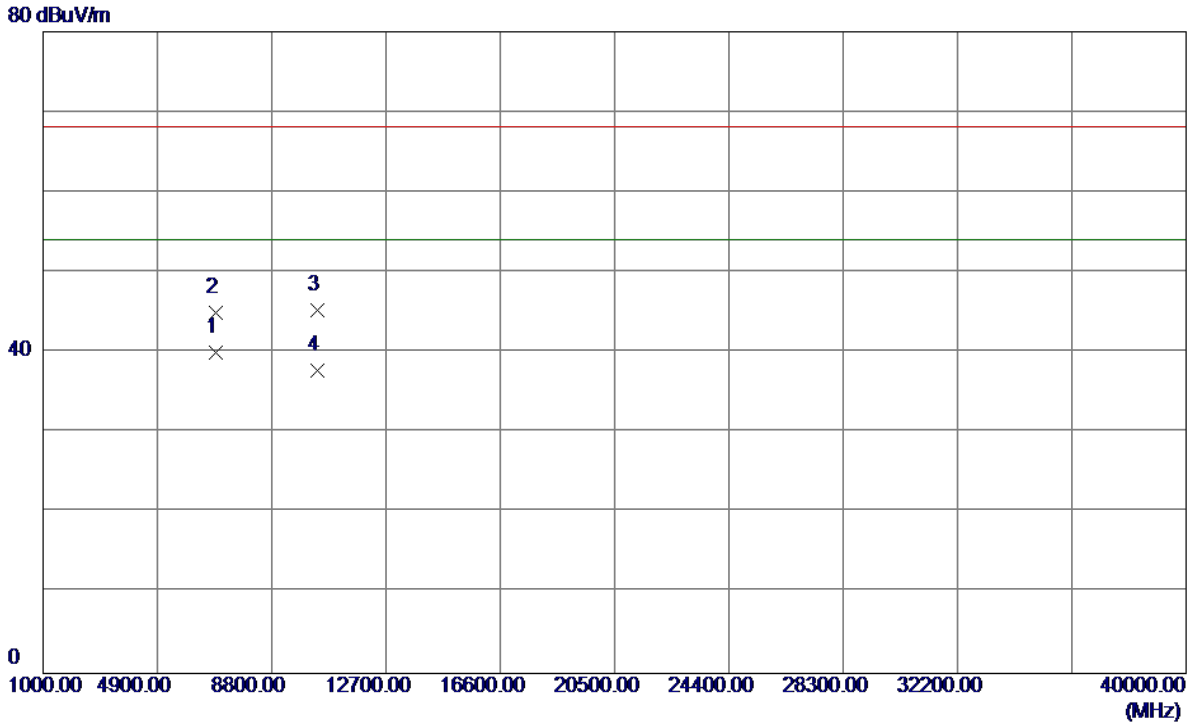
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	14.86	40.62	55.48	68.20	-12.72	Peak	
2	5150.0000	4.98	40.62	45.60	54.00	-8.40	AVG	
3 *	5171.9500	57.89	40.70	98.59	54.00	44.59	AVG	No Limit
4	5172.5500	65.32	40.70	106.02	68.20	37.82	Peak	No Limit

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

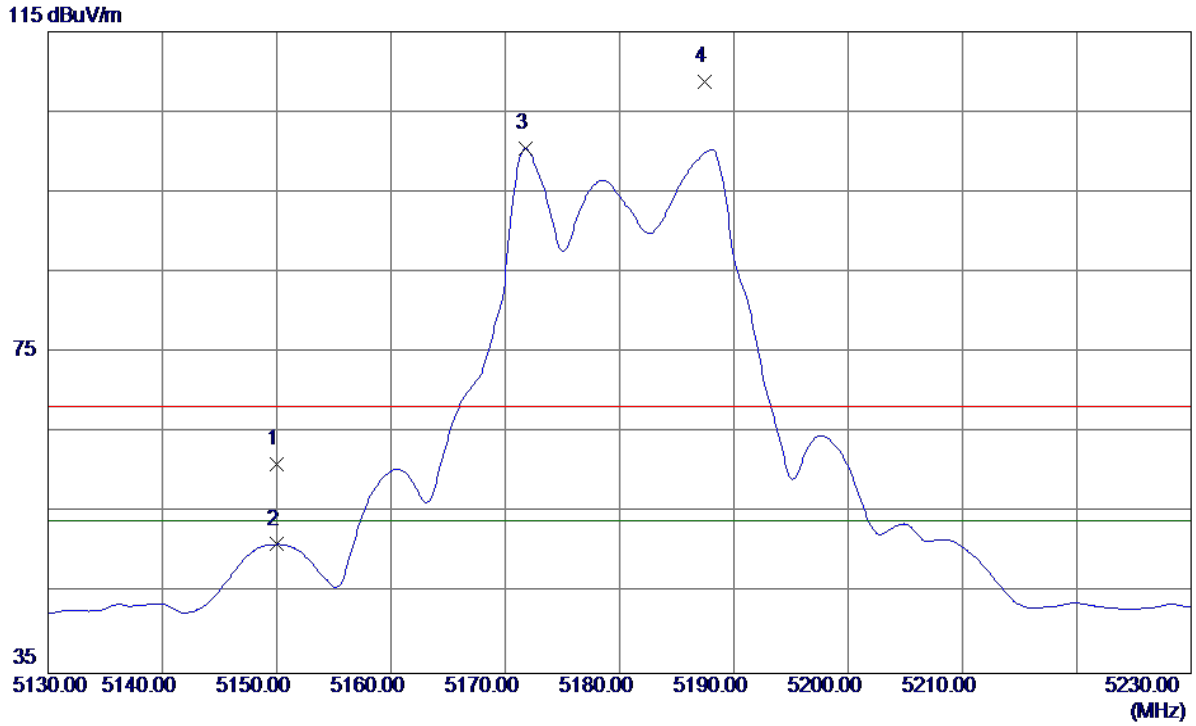
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6906.8170	29.15	10.78	39.93	54.00	-14.07	AVG	
2	6906.6430	34.24	10.78	45.02	68.20	-23.18	Peak	
3	10357.6500	30.26	14.96	45.22	68.20	-22.98	Peak	
4	10358.4200	22.75	14.96	37.71	54.00	-16.29	AVG	

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

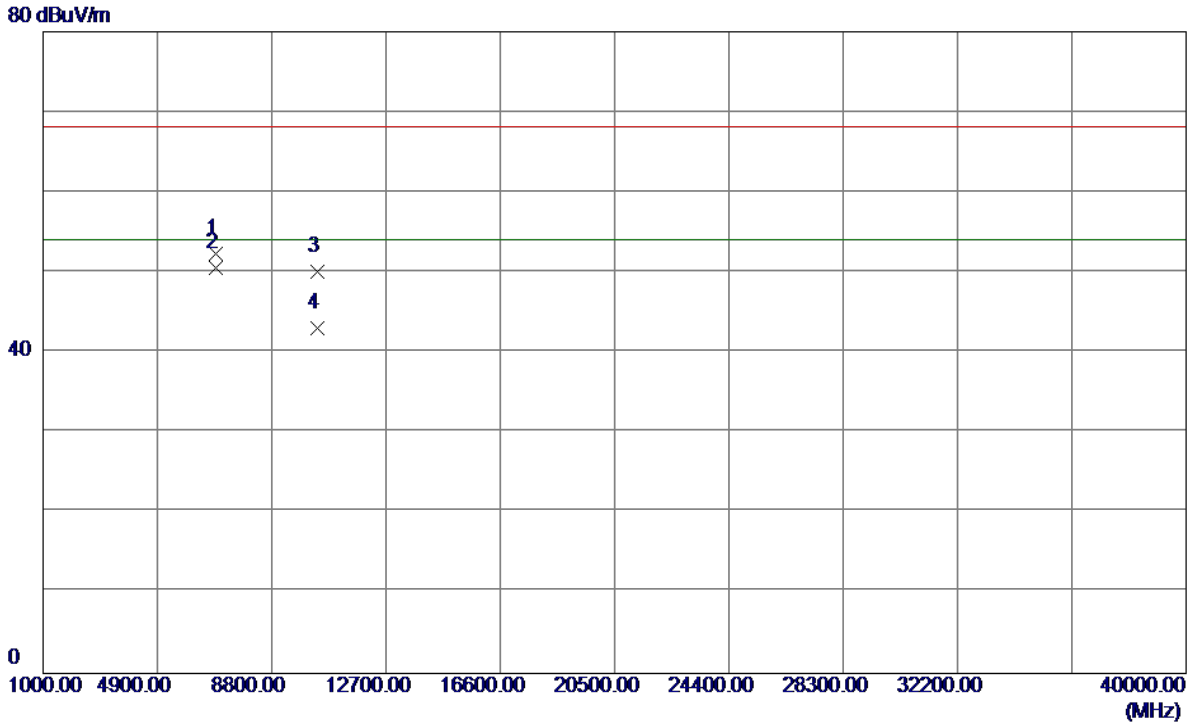
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	20.49	40.62	61.11	68.20	-7.09	Peak	
2	5150.0000	10.46	40.62	51.08	54.00	-2.92	AVG	
3 *	5171.7500	59.78	40.70	100.48	54.00	46.48	AVG	No Limit
4	5187.4500	68.07	40.75	108.82	68.20	40.62	Peak	No Limit

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

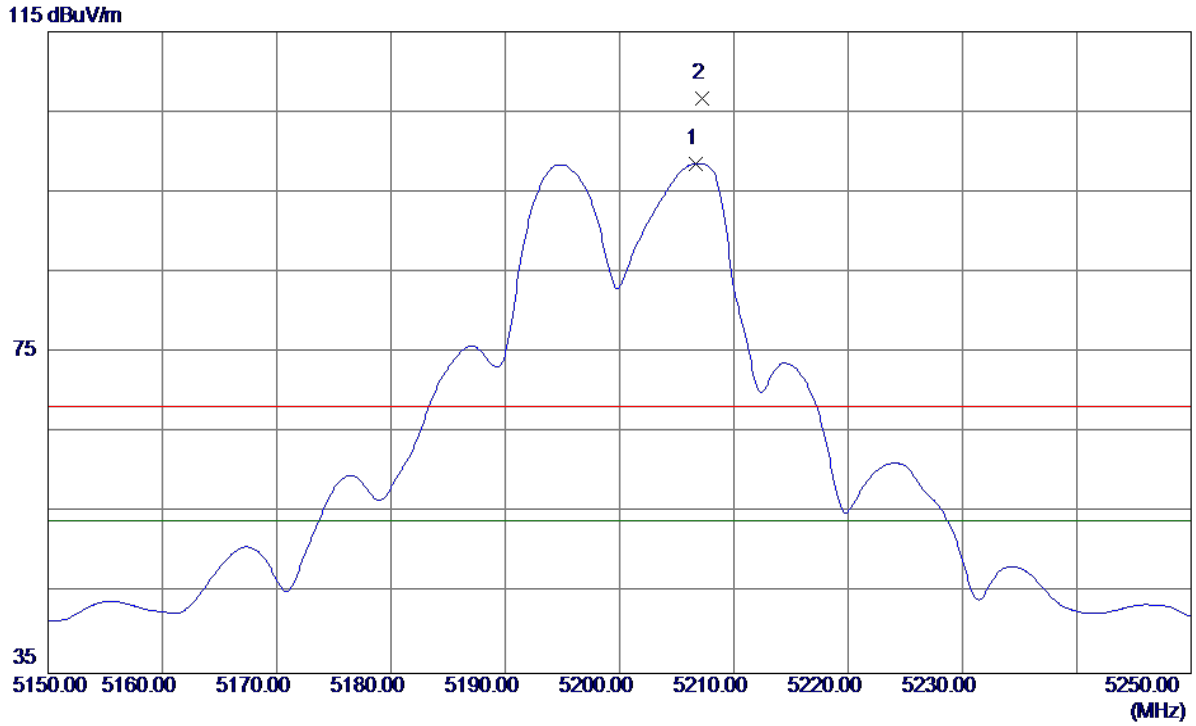
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6906.5090	41.56	10.78	52.34	68.20	-15.86	Peak	
2 *	6906.6210	39.73	10.78	50.51	54.00	-3.49	AVG	
3	10360.6000	35.12	14.96	50.08	68.20	-18.12	Peak	
4	10361.5000	28.04	14.97	43.01	54.00	-10.99	AVG	

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

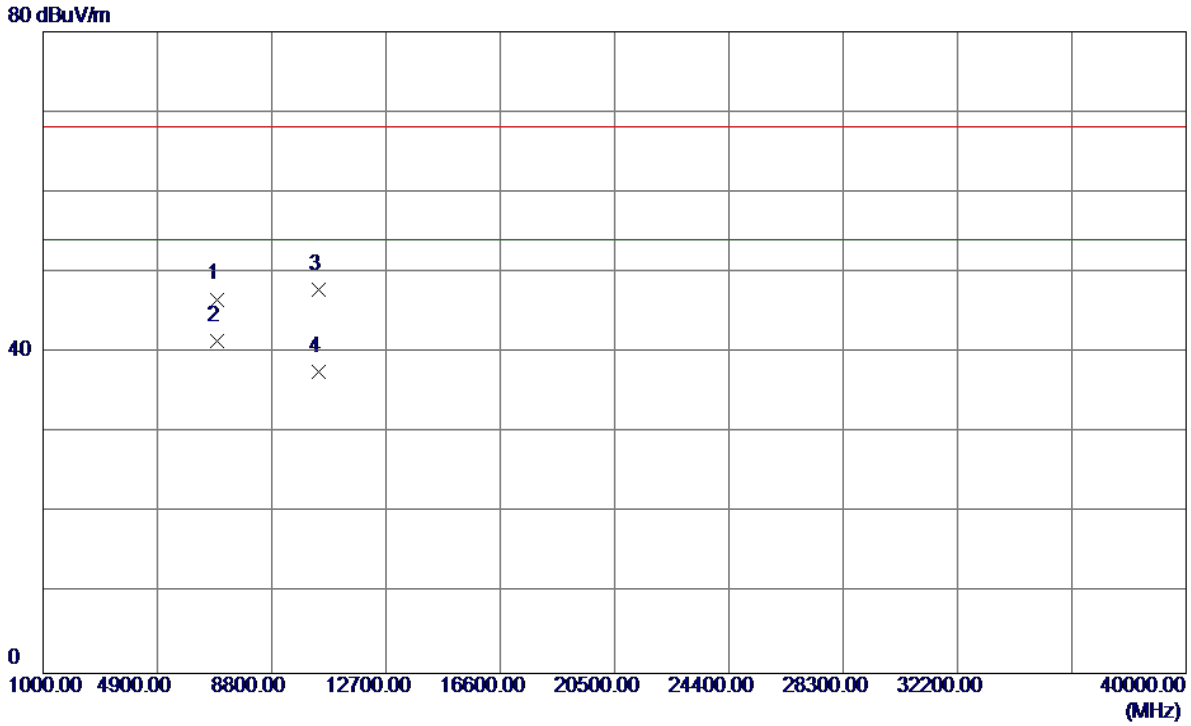
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5206.6500	57.78	40.81	98.59	54.00	44.59	AVG	No Limit
2	5207.2000	65.80	40.81	106.61	68.20	38.41	Peak	No Limit

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

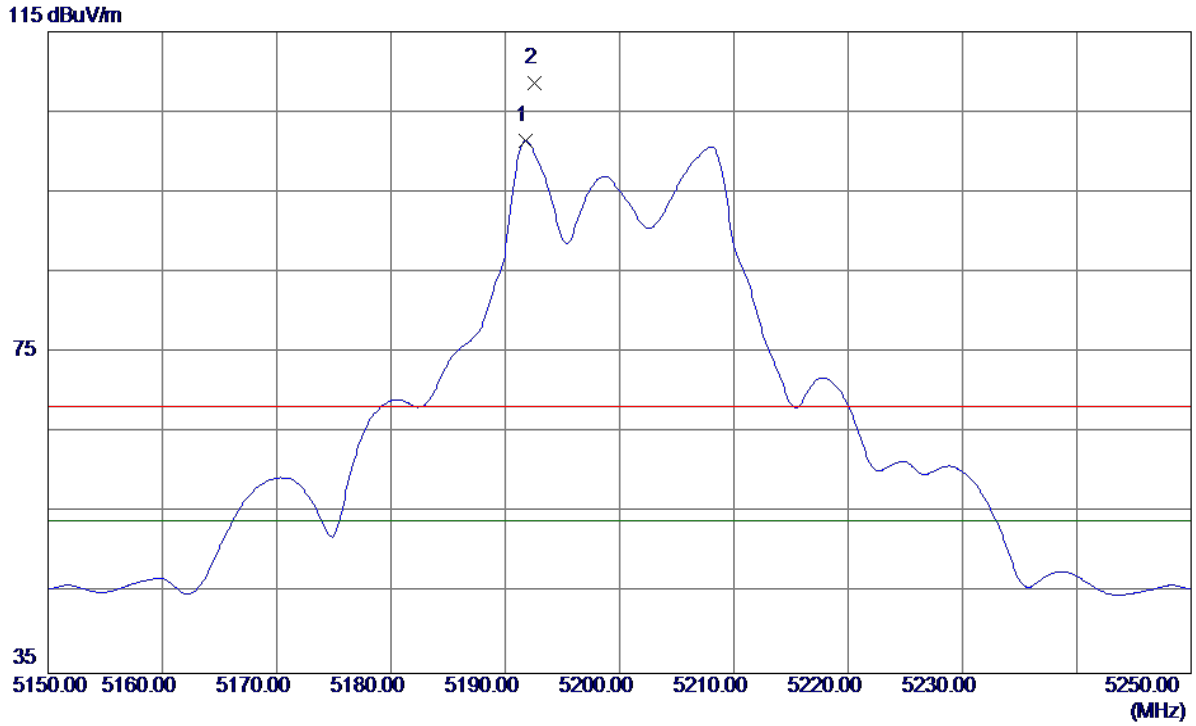
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6933.4630	35.87	10.77	46.64	68.20	-21.56	Peak	
2 *	6933.3720	30.63	10.77	41.40	54.00	-12.60	AVG	
3	10398.7300	32.76	15.05	47.81	68.20	-20.39	Peak	
4	10399.4600	22.49	15.05	37.54	54.00	-16.46	AVG	

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

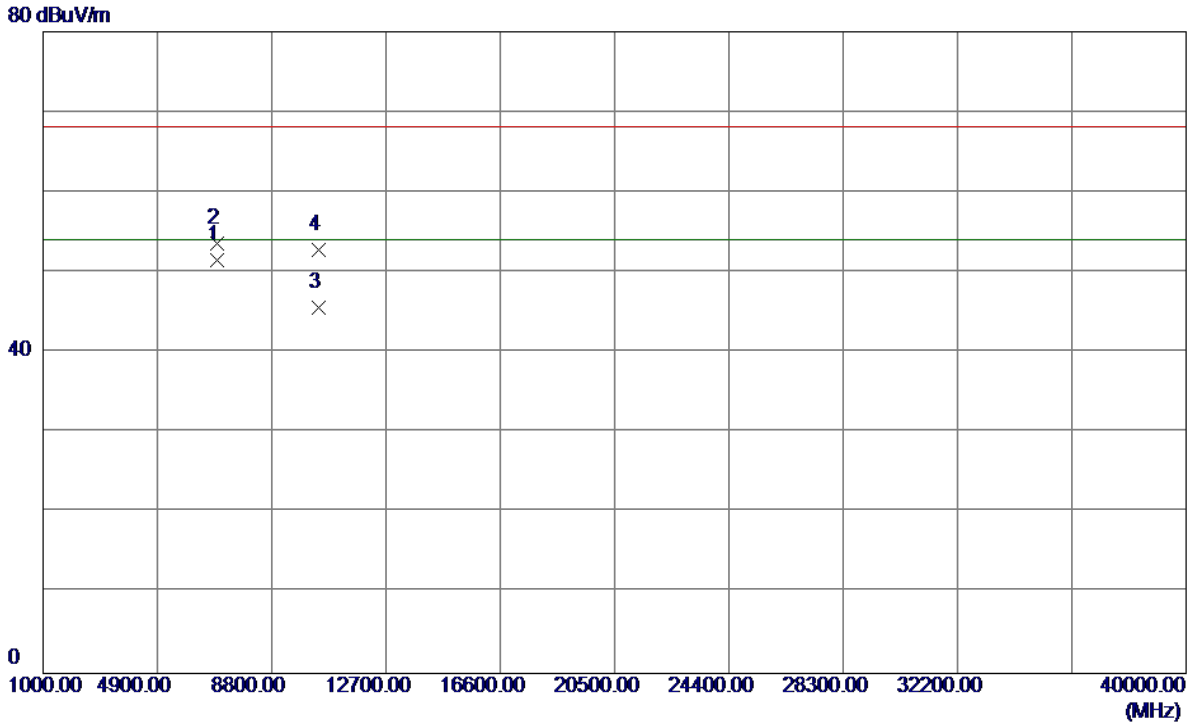
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5191.7500	60.66	40.76	101.42	54.00	47.42	AVG	No Limit
2	5192.6000	67.77	40.77	108.54	68.20	40.34	Peak	No Limit

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

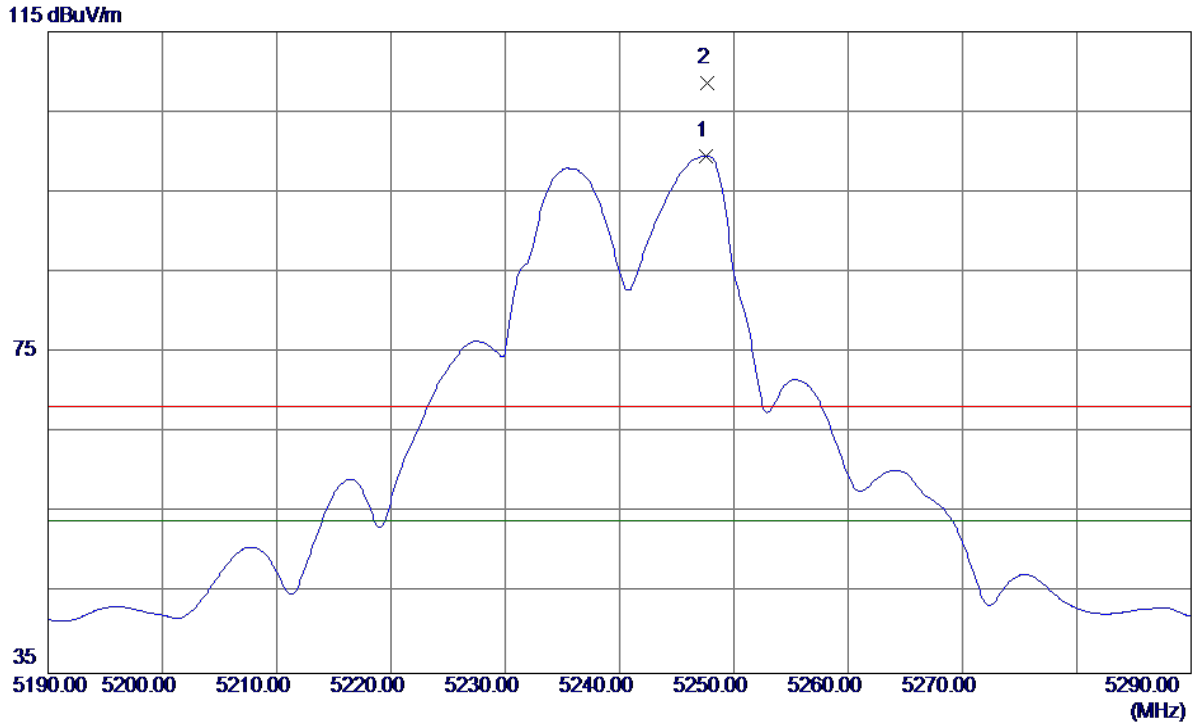
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6933.4210	40.71	10.77	51.48	54.00	-2.52	AVG	
2	6933.3500	42.89	10.77	53.66	68.20	-14.54	Peak	
3	10399.4000	30.58	15.05	45.63	54.00	-8.37	AVG	
4	10400.1000	37.72	15.06	52.78	68.20	-15.42	Peak	

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

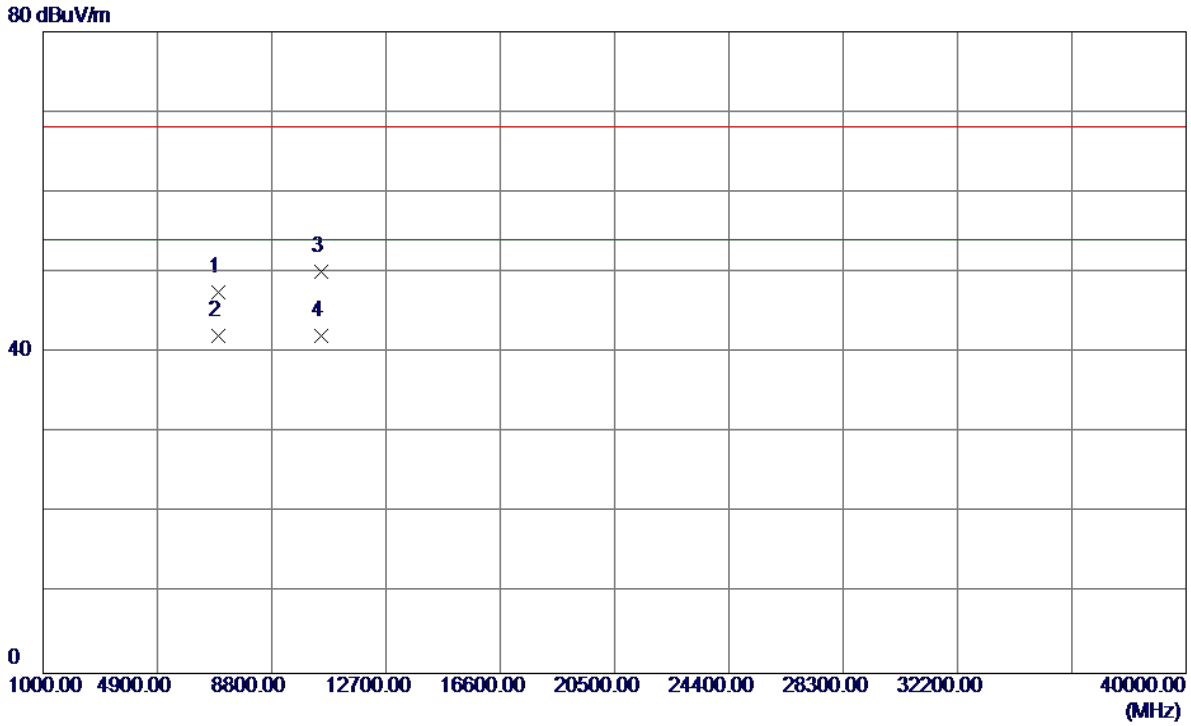
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5247.5500	58.57	40.95	99.52	54.00	45.52	AVG	No Limit
2	5247.6500	67.65	40.95	108.60	68.20	40.40	Peak	No Limit

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

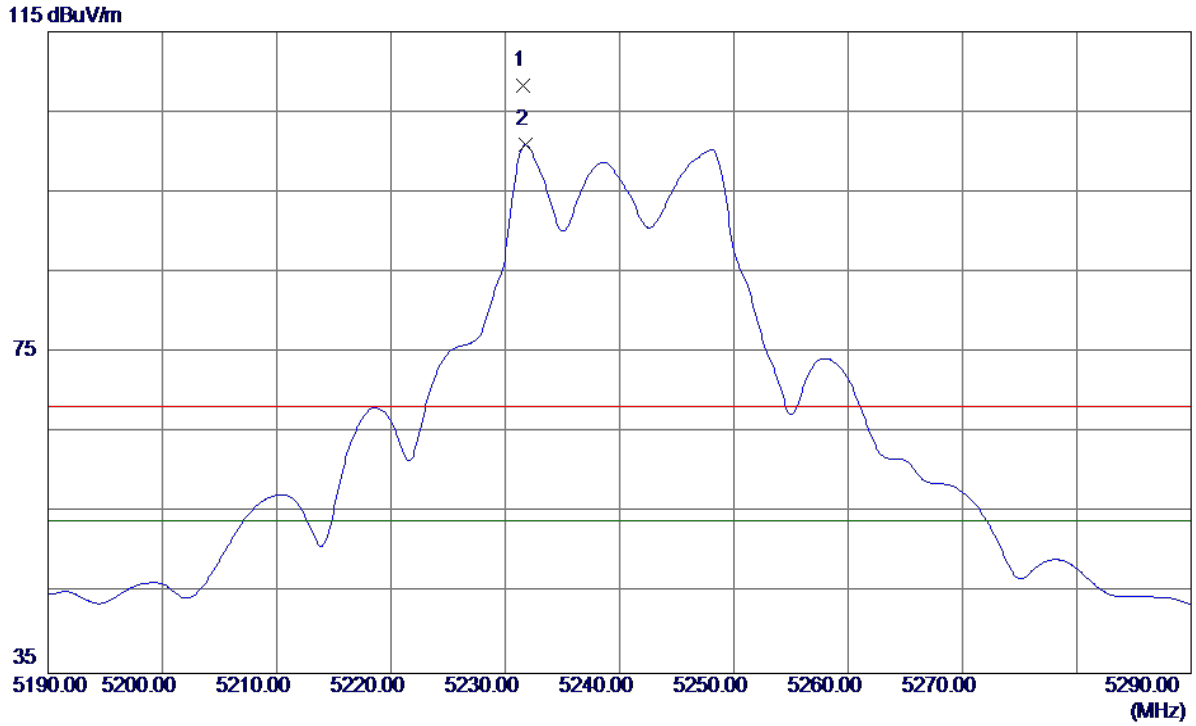
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6986.5100	36.84	10.75	47.59	68.20	-20.61	Peak	
2	6986.6230	31.36	10.75	42.11	54.00	-11.89	AVG	
3	10471.5400	34.92	15.22	50.14	68.20	-18.06	Peak	
4 *	10472.6100	26.89	15.23	42.12	54.00	-11.88	AVG	

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

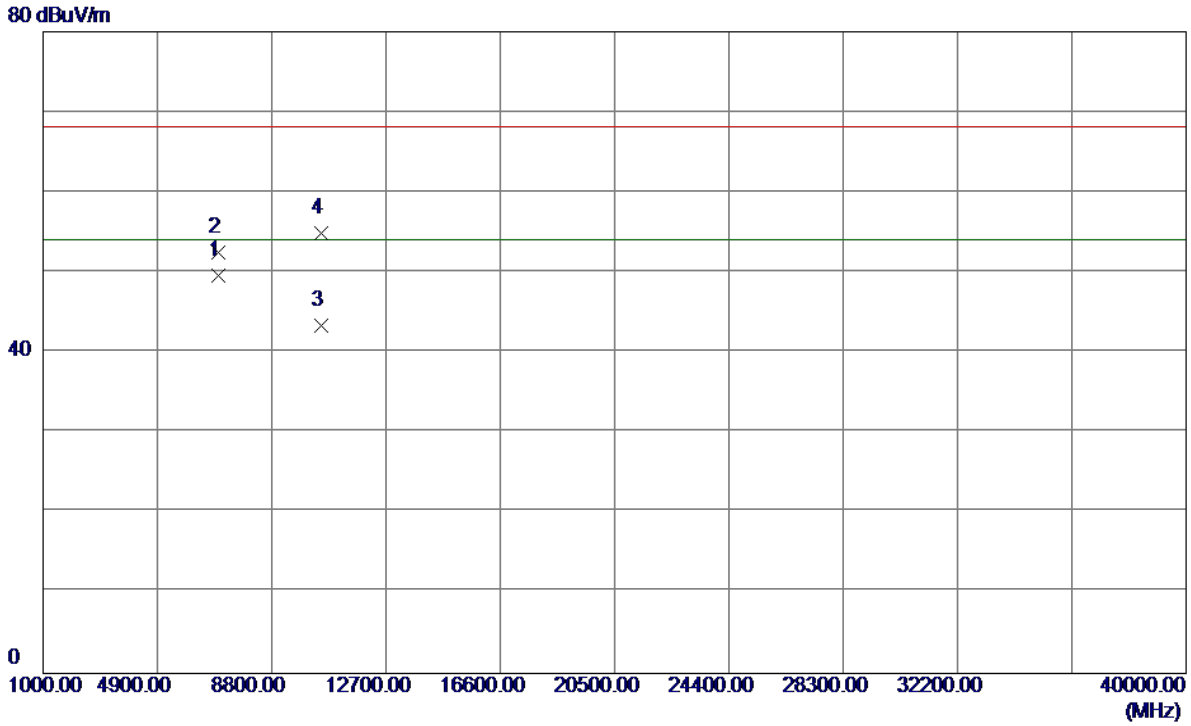
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5231.5500	67.32	40.89	108.21	68.20	40.01	Peak	No Limit
2 *	5231.7500	60.01	40.89	100.90	54.00	46.90	AVG	No Limit

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

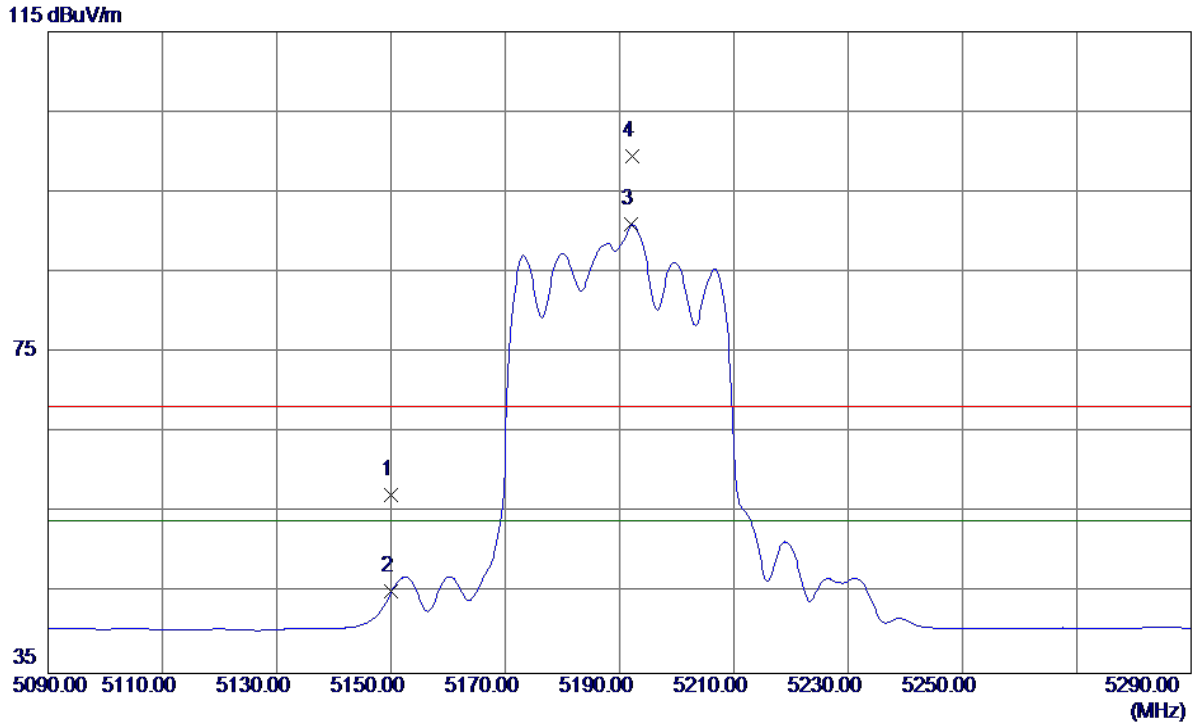
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6986.6510	38.86	10.75	49.61	54.00	-4.39	AVG	
2	6986.6900	41.73	10.75	52.48	68.20	-15.72	Peak	
3	10473.0000	28.11	15.23	43.34	54.00	-10.66	AVG	
4	10474.3099	39.66	15.23	54.89	68.20	-13.31	Peak	

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

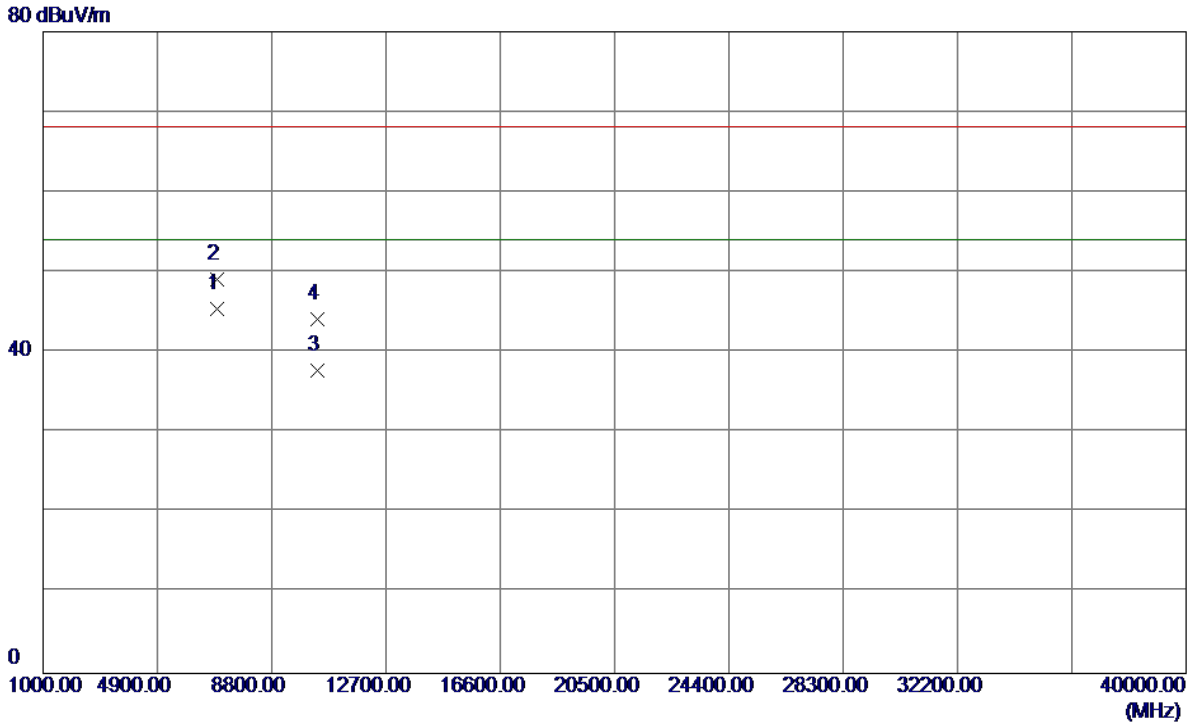
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	16.66	40.62	57.28	68.20	-10.92	Peak	
2	5150.0000	4.62	40.62	45.24	54.00	-8.76	AVG	
3 *	5192.1000	50.17	40.76	90.93	54.00	36.93	AVG	No Limit
4	5192.3000	58.73	40.76	99.49	68.20	31.29	Peak	No Limit

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

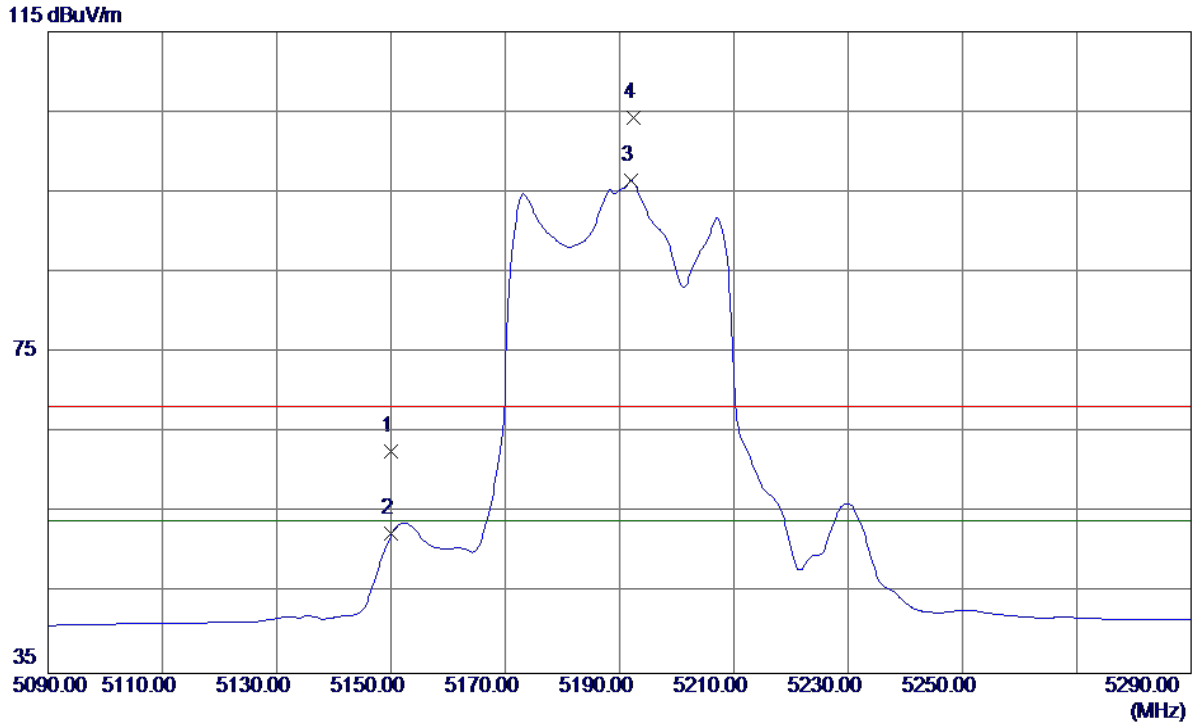
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6919.9160	34.62	10.77	45.39	54.00	-8.61	AVG	
2	6920.2400	38.41	10.77	49.18	68.20	-19.02	Peak	
3	10380.1860	22.81	15.01	37.82	54.00	-16.18	AVG	
4	10381.2699	29.16	15.01	44.17	68.20	-24.03	Peak	

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

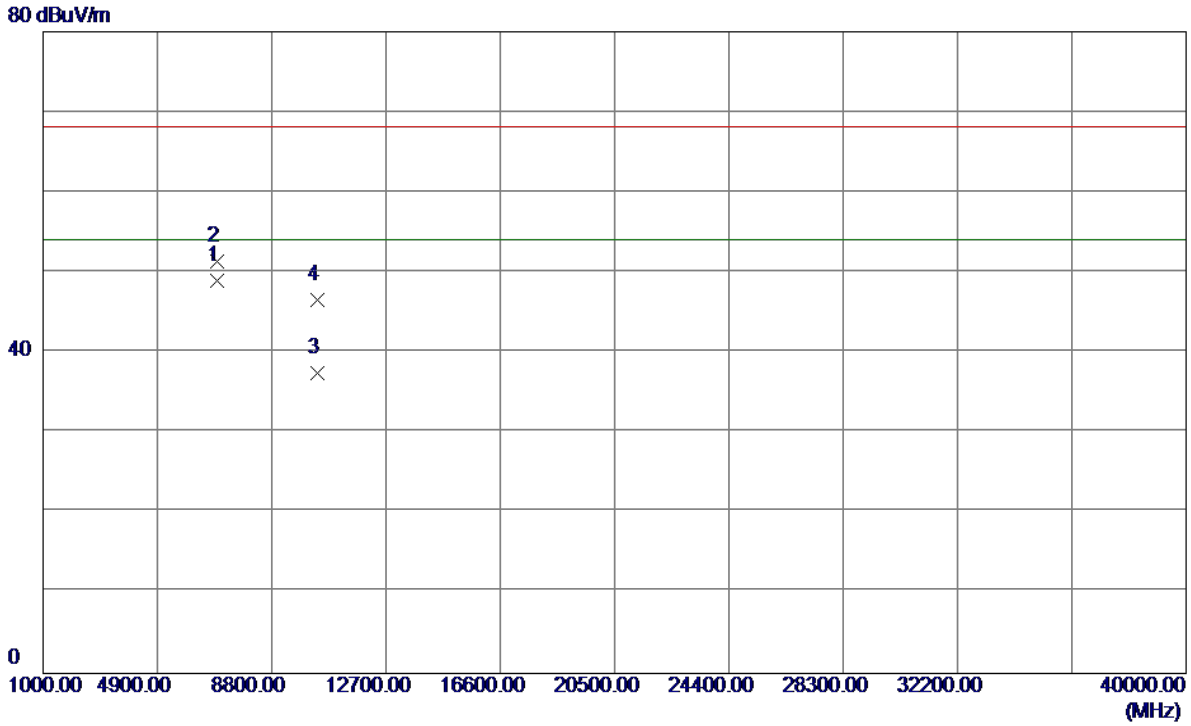
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.10	40.62	62.72	68.20	-5.48	Peak	
2	5150.0000	11.81	40.62	52.43	54.00	-1.57	AVG	
3 *	5191.9000	55.74	40.76	96.50	54.00	42.50	AVG	No Limit
4	5192.4000	63.47	40.76	104.23	68.20	36.03	Peak	No Limit

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

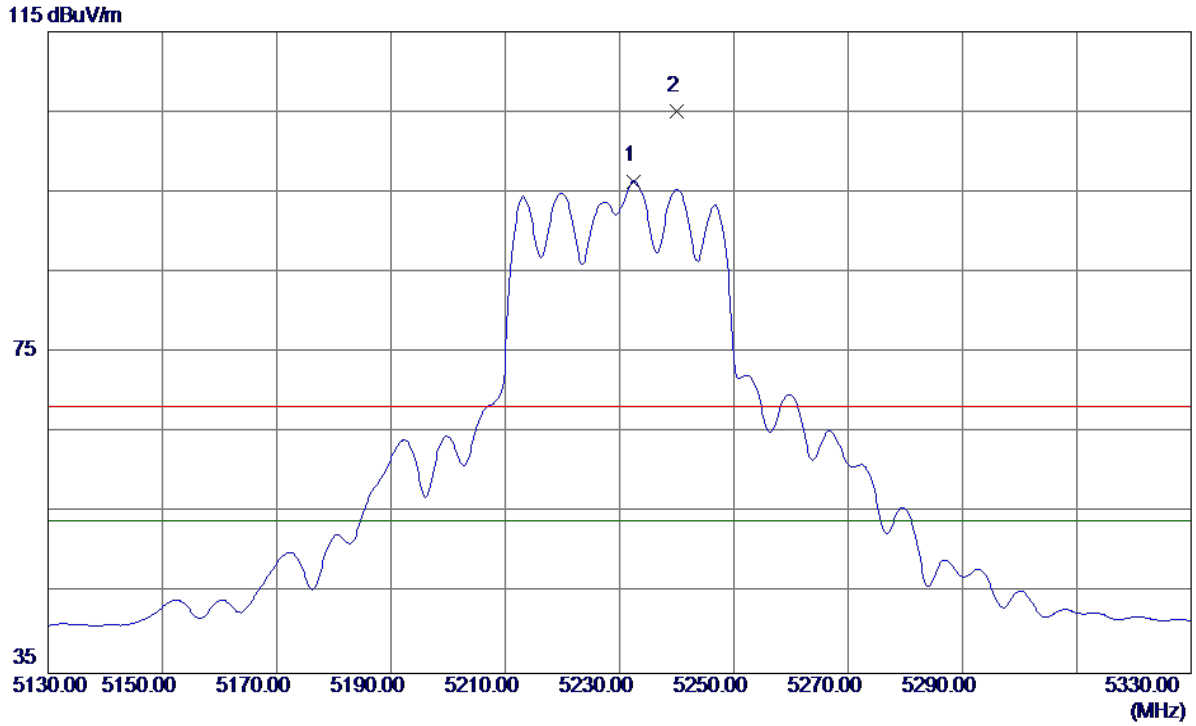
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6920.9150	38.25	10.77	49.02	54.00	-4.98	AVG	
2	6920.1750	40.53	10.77	51.30	68.20	-16.90	Peak	
3	10380.3000	22.46	15.01	37.47	54.00	-16.53	AVG	
4	10380.2400	31.55	15.01	46.56	68.20	-21.64	Peak	

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

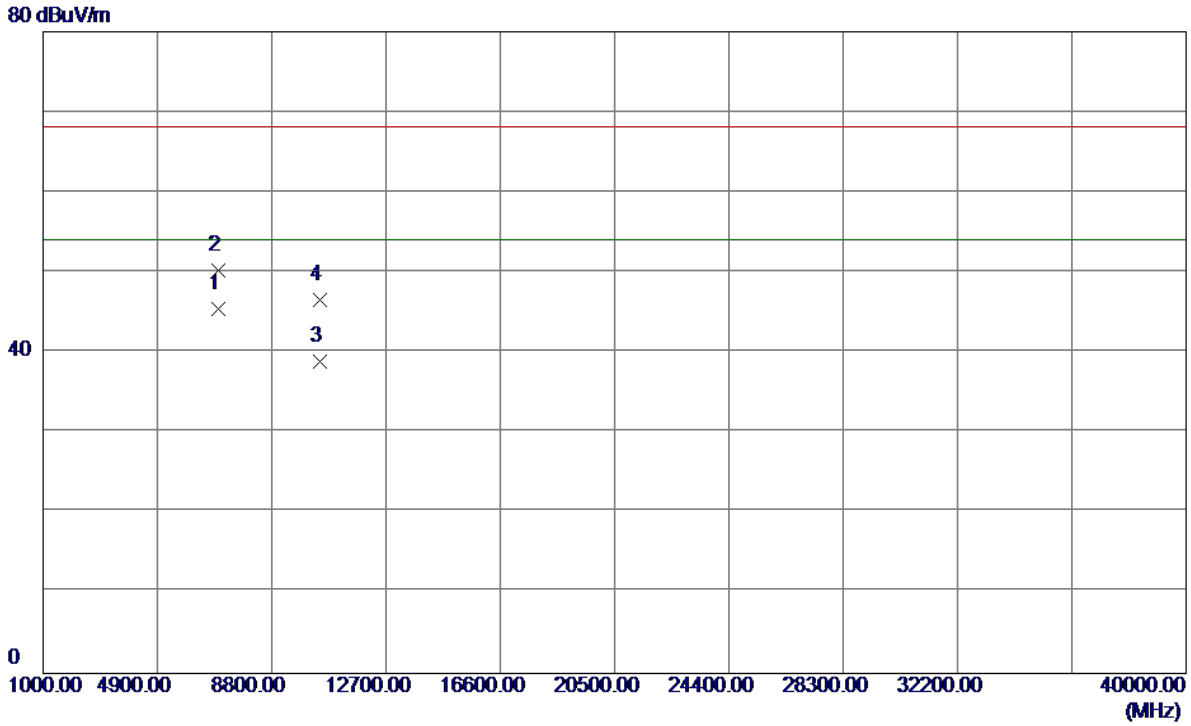
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5232.5000	55.46	40.90	96.36	54.00	42.36	AVG	No Limit
2	5240.0000	64.17	40.92	105.09	68.20	36.89	Peak	No Limit

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

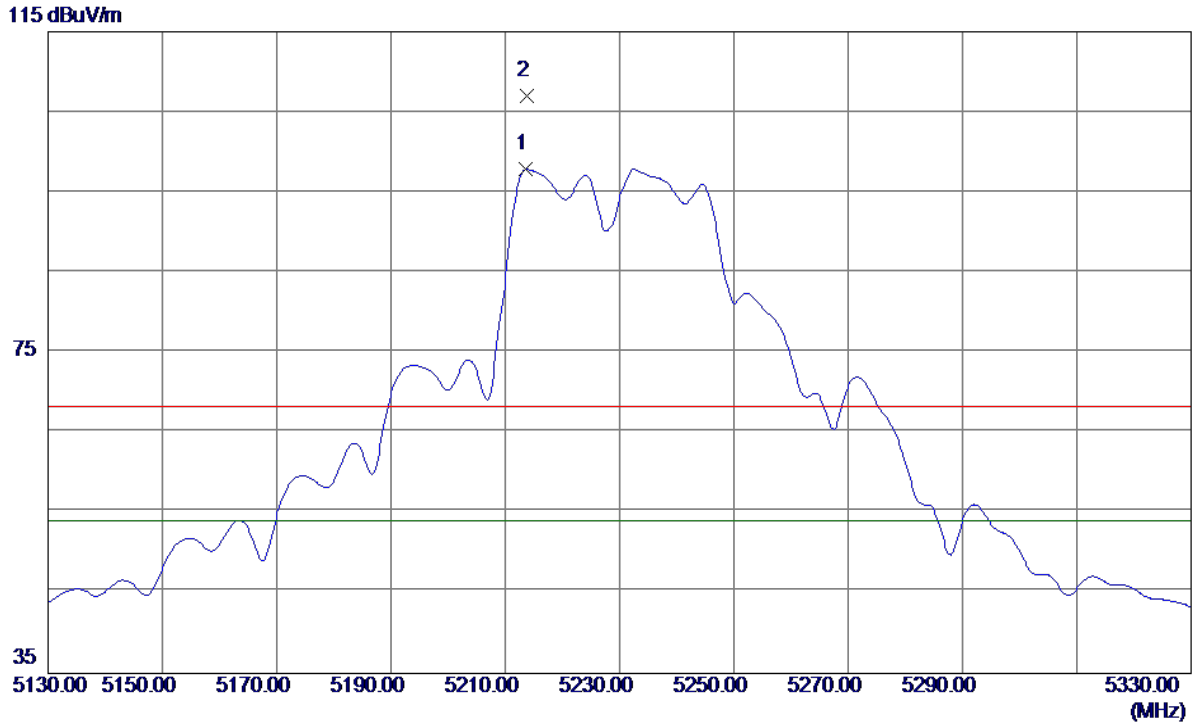
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6973.3100	34.67	10.76	45.43	54.00	-8.57	AVG	
2	6973.3000	39.54	10.76	50.30	68.20	-17.90	Peak	
3	10459.1900	23.69	15.19	38.88	54.00	-15.12	AVG	
4	10459.3200	31.40	15.19	46.59	68.20	-21.61	Peak	

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

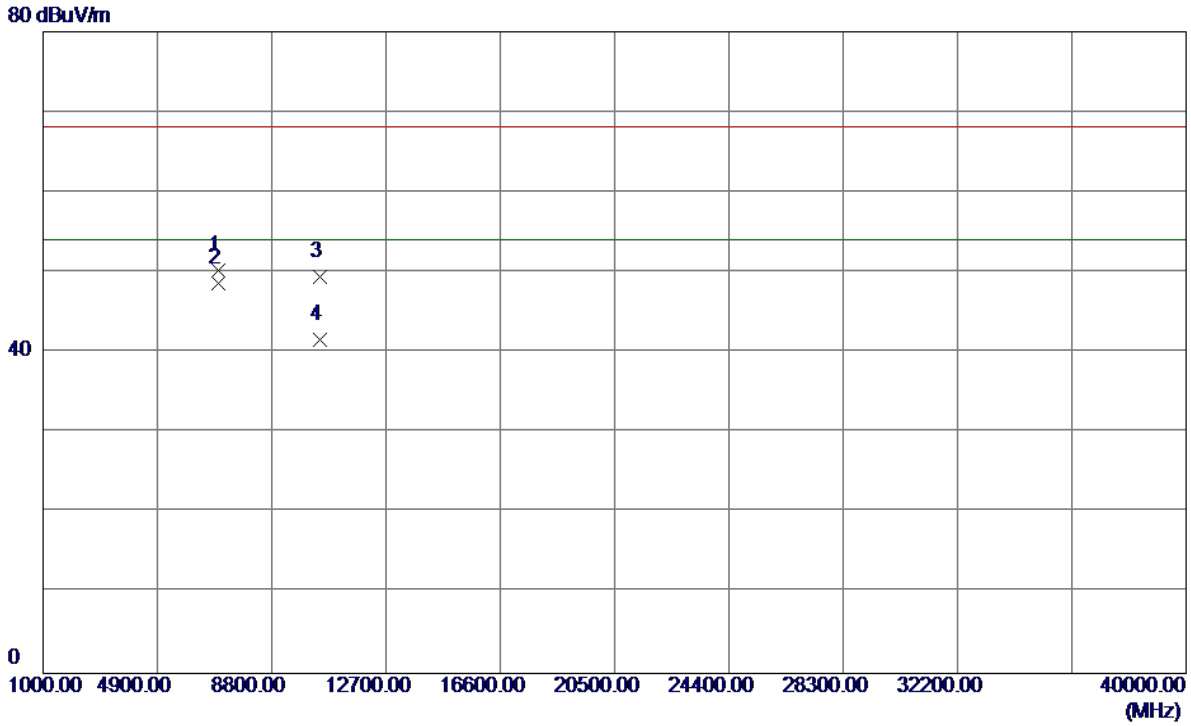
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5213.6000	57.00	40.83	97.83	54.00	43.83	AVG	No Limit
2	5213.8000	66.09	40.84	106.93	68.20	38.73	Peak	No Limit

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

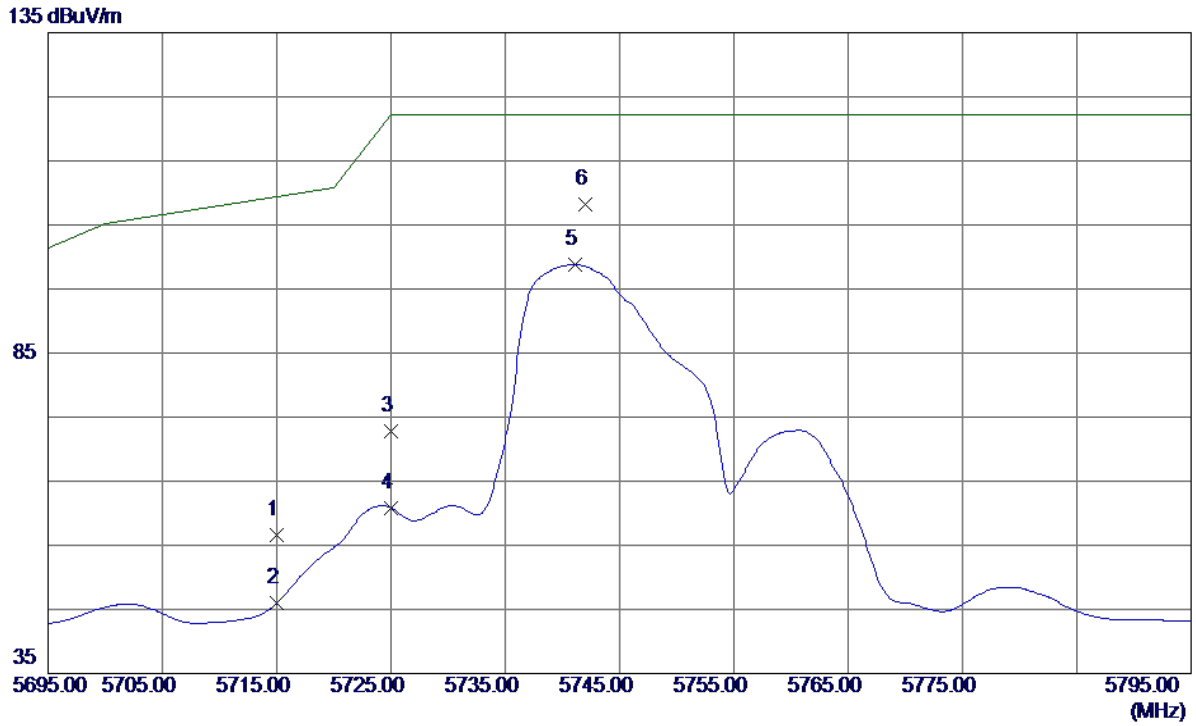
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6973.3710	39.41	10.76	50.17	68.20	-18.03	Peak	
2 *	6973.3810	37.86	10.76	48.62	54.00	-5.38	AVG	
3	10459.5599	34.28	15.20	49.48	68.20	-18.72	Peak	
4	10460.2400	26.41	15.20	41.61	54.00	-12.39	AVG	

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

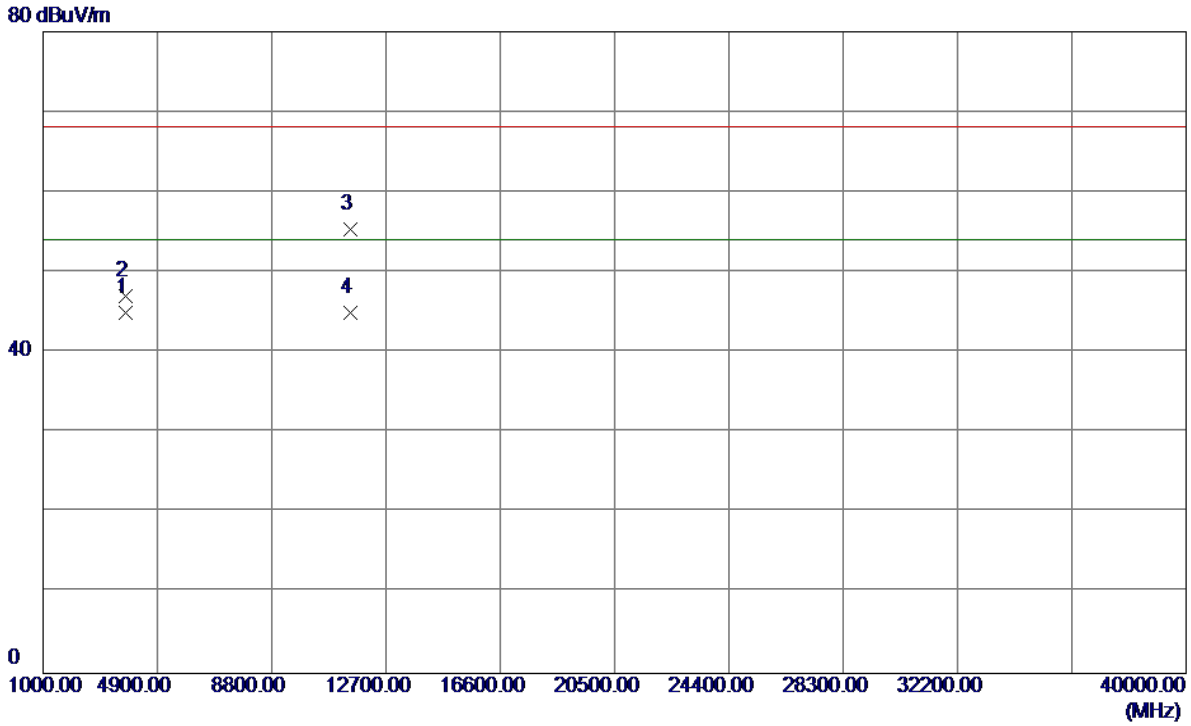
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	13.99	42.55	56.54	109.40	-52.86	Peak	
2	5715.0000	3.51	42.55	46.06	109.40	-63.34	AVG	
3	5725.0000	30.21	42.58	72.79	122.20	-49.41	Peak	
4	5725.0000	18.28	42.58	60.86	122.20	-61.34	AVG	
5	5741.1000	56.14	42.64	98.78	122.20	-23.42	AVG	
6 *	5741.9500	65.51	42.64	108.15	122.20	-14.05	Peak	

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

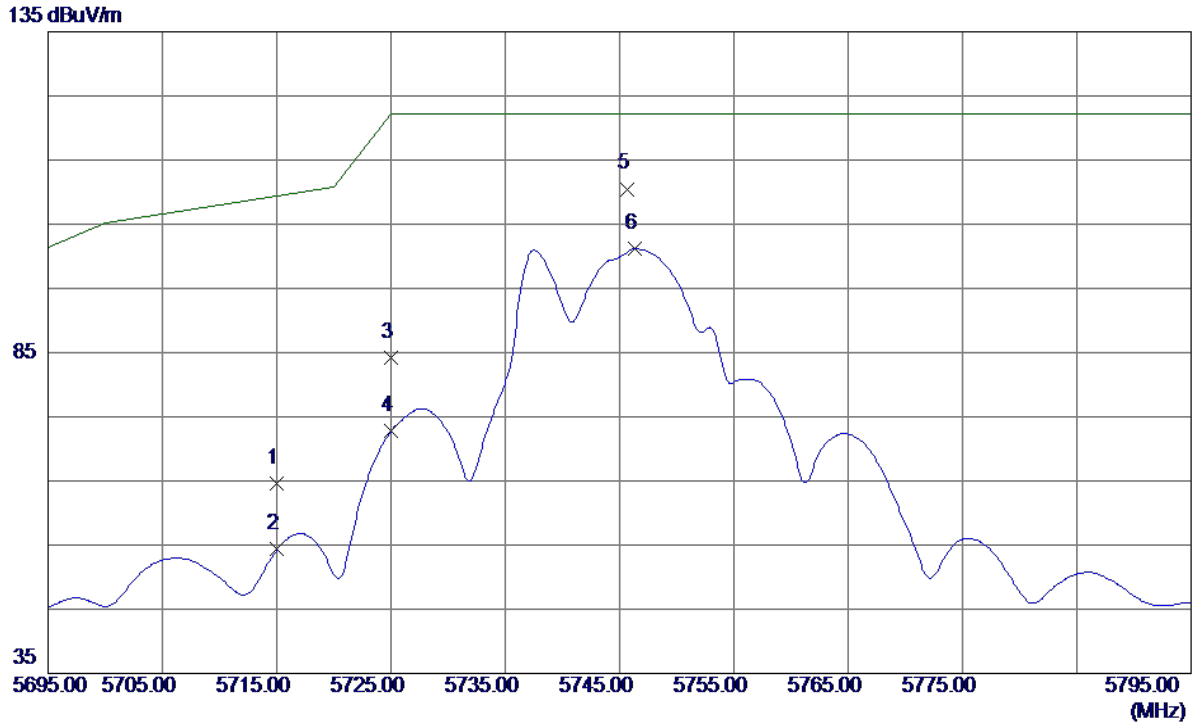
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3829.9700	42.60	2.39	44.99	54.00	-9.01	AVG	
2	3829.9850	44.70	2.39	47.09	68.20	-21.11	Peak	
3	11485.7000	39.84	15.49	55.33	68.20	-12.87	Peak	
4	11486.6000	29.46	15.49	44.95	54.00	-9.05	AVG	

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

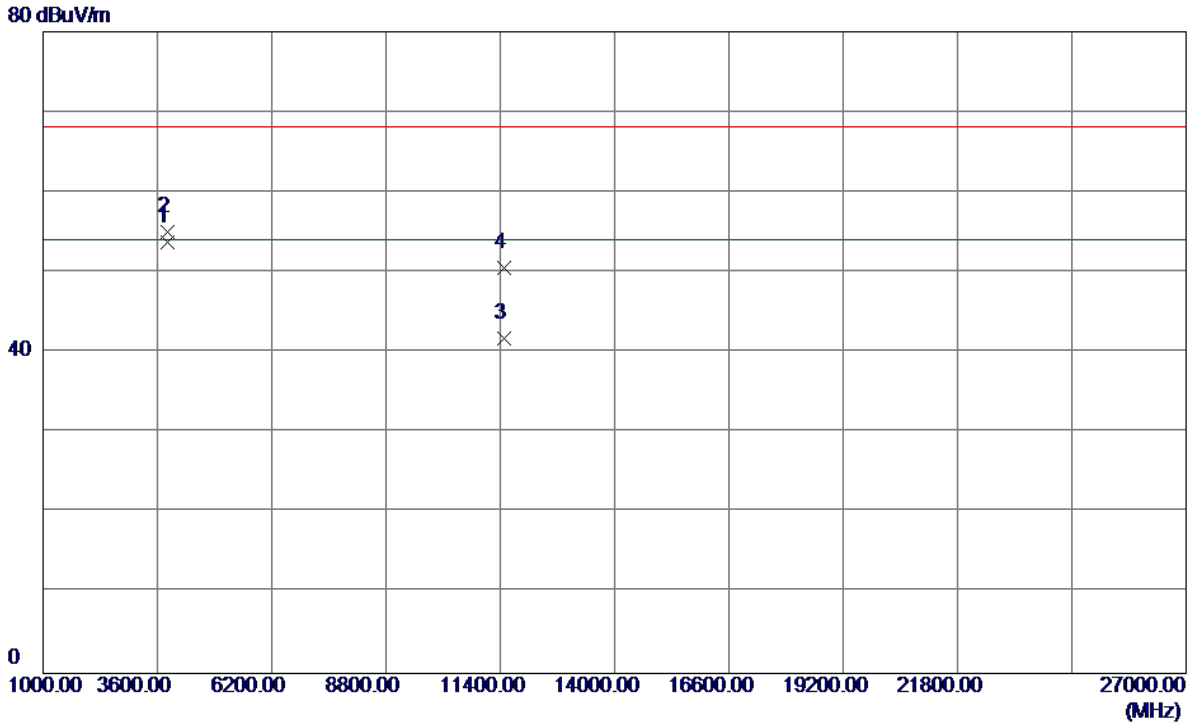
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	21.98	42.55	64.53	109.40	-44.87	Peak	
2	5715.0000	11.80	42.55	54.35	109.40	-55.05	AVG	
3	5725.0000	41.57	42.58	84.15	122.20	-38.05	Peak	
4	5725.0000	30.29	42.58	72.87	122.20	-49.33	AVG	
5 *	5745.7000	67.85	42.65	110.50	122.20	-11.70	Peak	
6	5746.3500	58.49	42.66	101.15	122.20	-21.05	AVG	

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

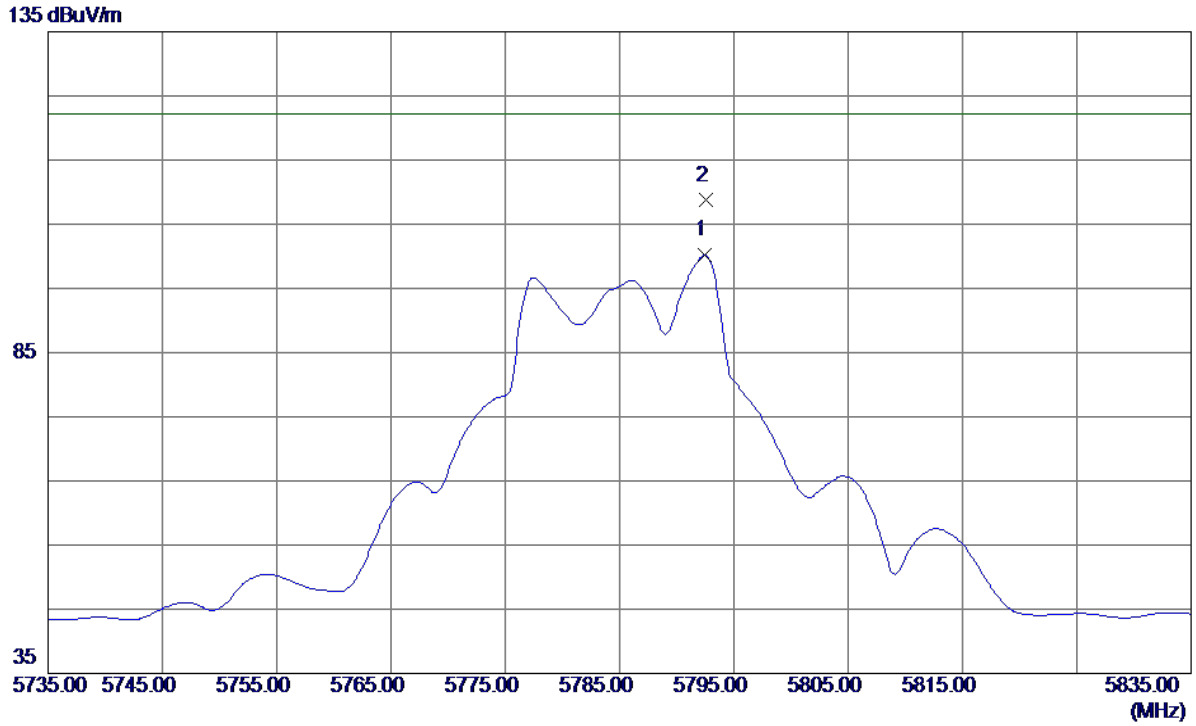
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3829.9100	51.44	2.39	53.83	54.00	-0.17	AVG	
2	3829.9750	52.67	2.39	55.06	68.20	-13.14	Peak	
3	11487.5500	26.34	15.49	41.83	54.00	-12.17	AVG	
4	11488.3500	35.01	15.49	50.50	68.20	-17.70	Peak	

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

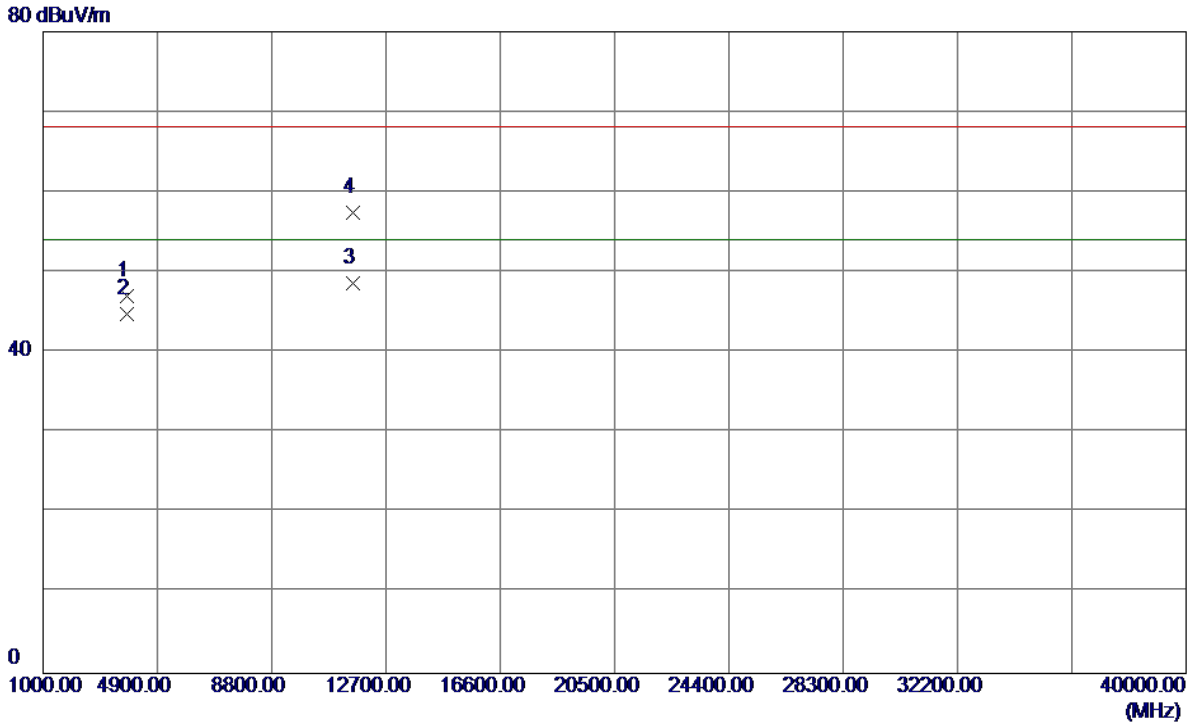
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5792.4500	57.34	42.82	100.16	122.20	-22.04	AVG	
2 *	5792.5500	65.88	42.82	108.70	122.20	-13.50	Peak	

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

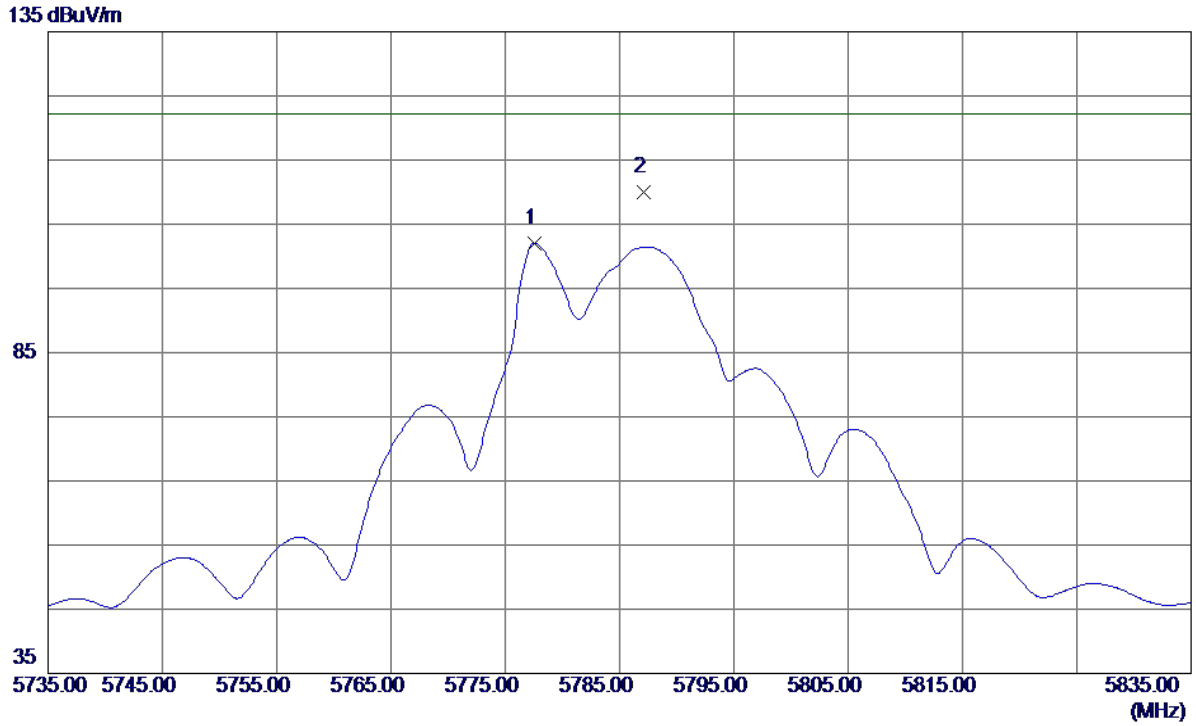
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.6130	44.61	2.48	47.09	68.20	-21.11	Peak	
2	3856.6350	42.37	2.48	44.85	54.00	-9.15	AVG	
3 *	11560.5000	33.16	15.48	48.64	54.00	-5.36	AVG	
4	11561.1000	41.91	15.48	57.39	68.20	-10.81	Peak	

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

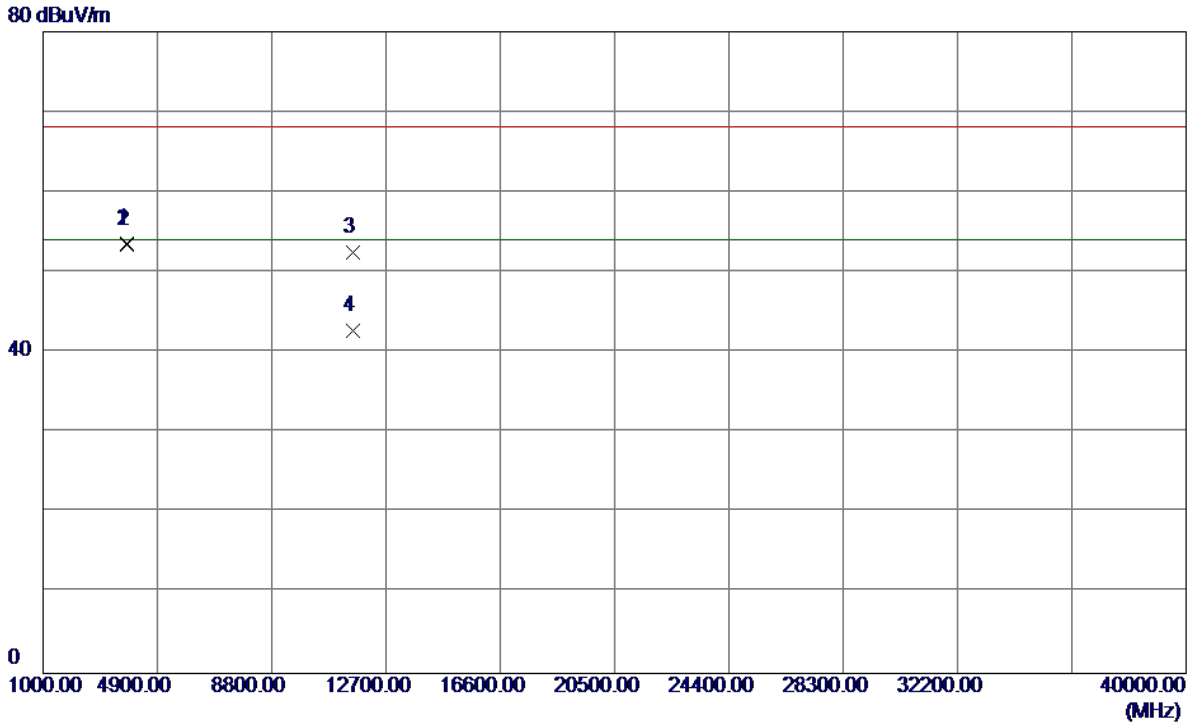
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5777.5500	59.29	42.77	102.06	122.20	-20.14	AVG	
2 *	5787.1500	67.17	42.80	109.97	122.20	-12.23	Peak	

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

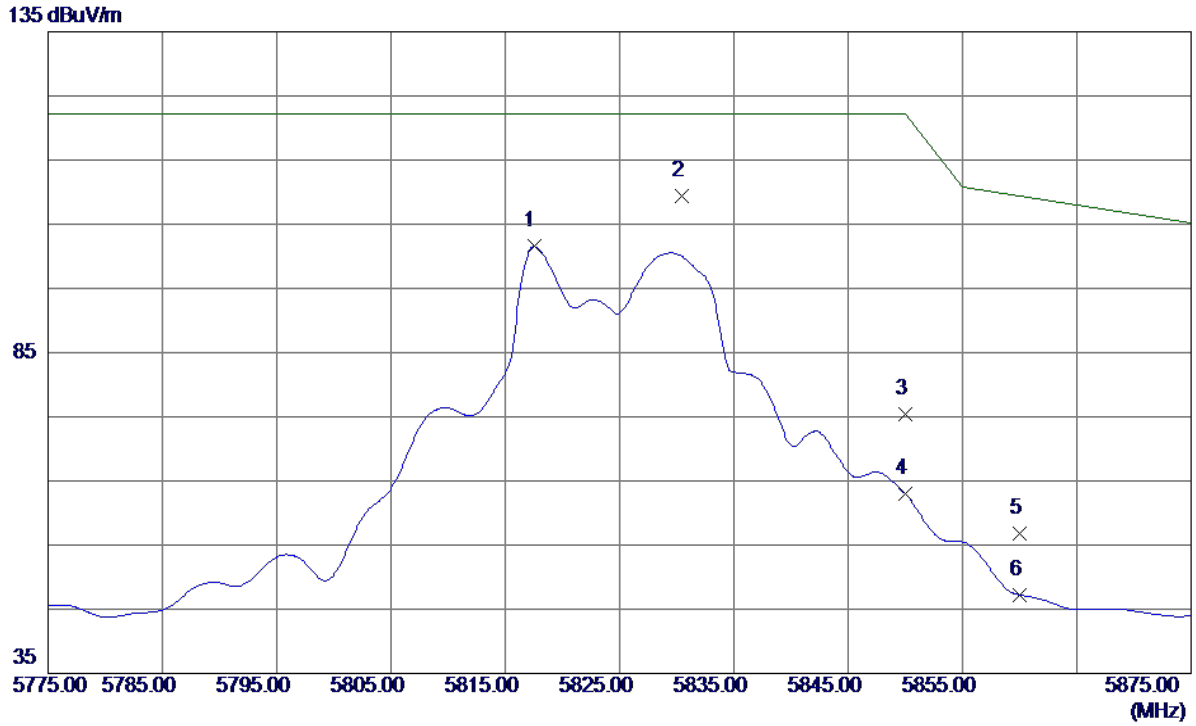
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.2600	51.13	2.48	53.61	68.20	-14.59	Peak	
2 *	3856.3020	50.93	2.48	53.41	54.00	-0.59	AVG	
3	11567.8500	36.93	15.48	52.41	68.20	-15.79	Peak	
4	11568.4500	27.24	15.48	42.72	54.00	-11.28	AVG	

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

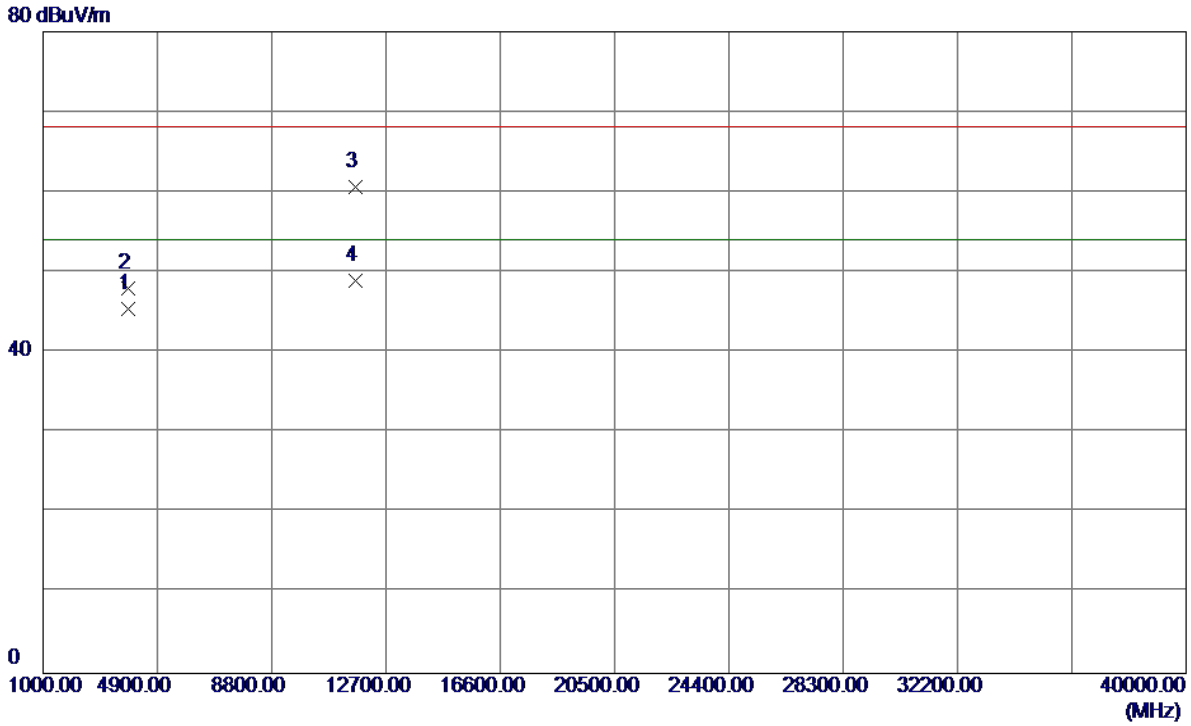
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.5000	58.64	42.91	101.55	122.20	-20.65	AVG	
2 *	5830.4500	66.47	42.96	109.43	122.20	-12.77	Peak	
3	5850.0000	32.30	43.03	75.33	122.20	-46.87	Peak	
4	5850.0000	19.88	43.03	62.91	122.20	-59.29	AVG	
5	5860.0000	13.81	43.06	56.87	109.40	-52.53	Peak	
6	5860.0000	4.17	43.06	47.23	109.40	-62.17	AVG	

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

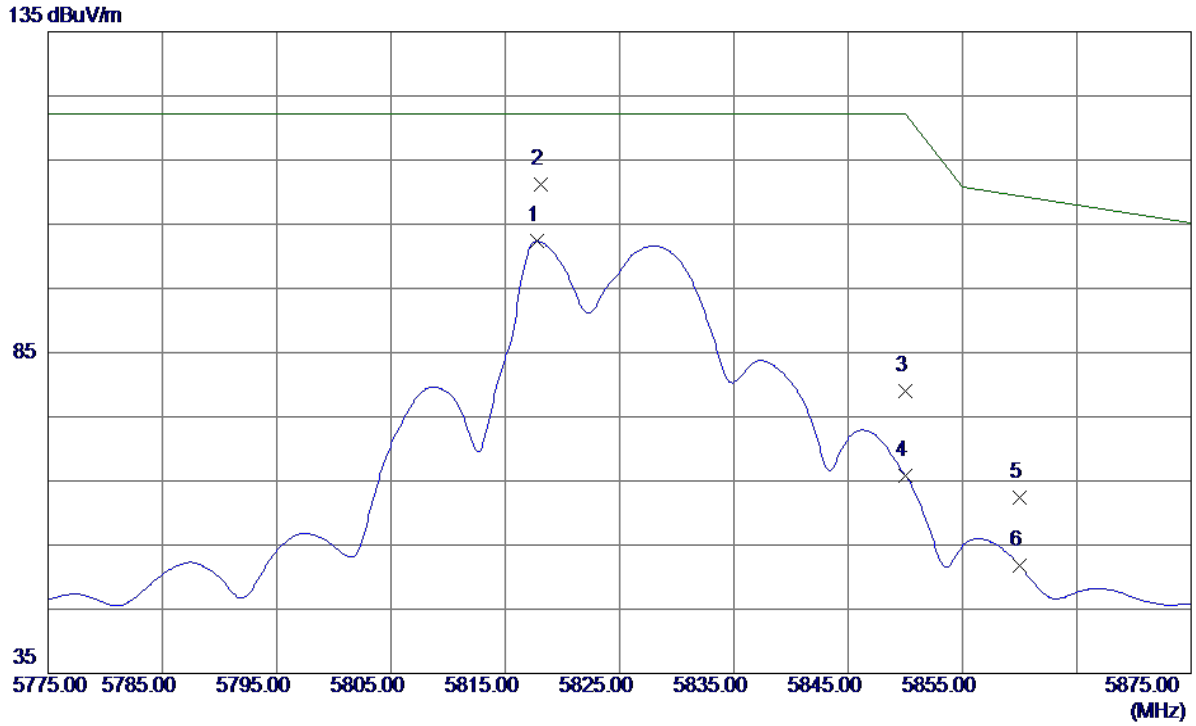
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.3000	42.92	2.57	45.49	54.00	-8.51	AVG	
2	3883.3320	45.41	2.57	47.98	68.20	-20.22	Peak	
3	11641.6000	45.12	15.48	60.60	68.20	-7.60	Peak	
4 *	11642.3000	33.50	15.48	48.98	54.00	-5.02	AVG	

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

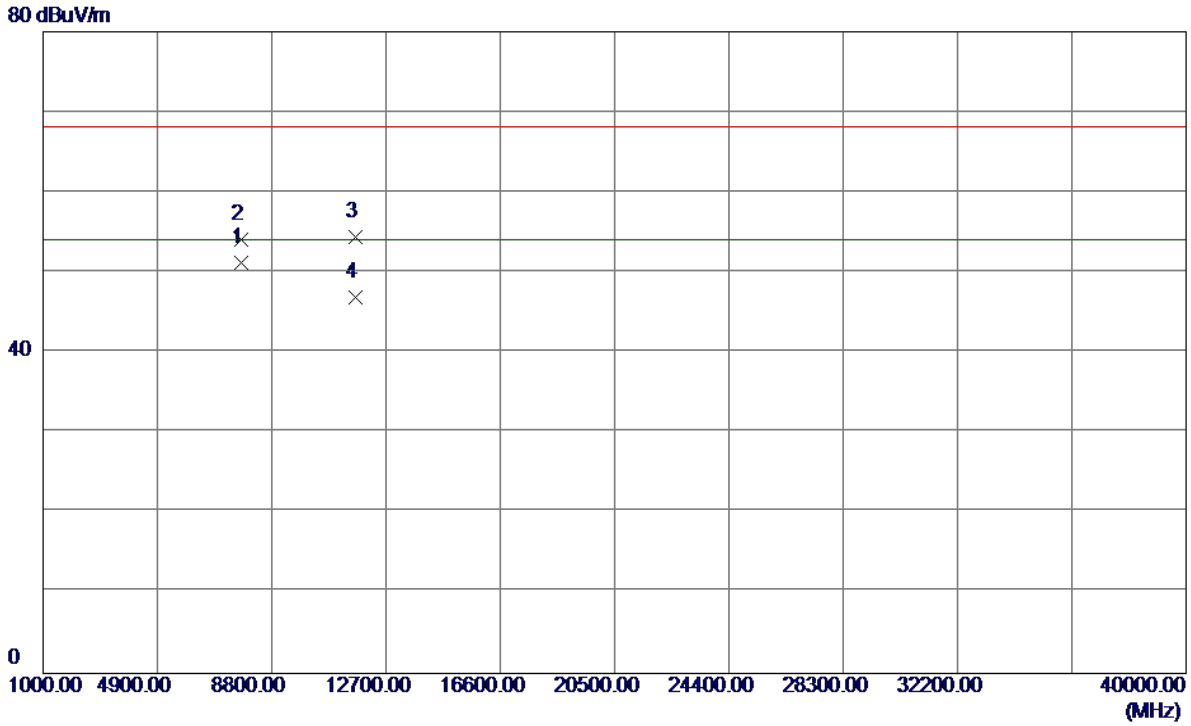
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.7500	59.45	42.91	102.36	122.20	-19.84	AVG	
2 *	5818.1500	68.35	42.91	111.26	122.20	-10.94	Peak	
3	5850.0000	35.89	43.03	78.92	122.20	-43.28	Peak	
4	5850.0000	22.82	43.03	65.85	122.20	-56.35	AVG	
5	5860.0000	19.34	43.06	62.40	109.40	-47.00	Peak	
6	5860.0000	8.77	43.06	51.83	109.40	-57.57	AVG	

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

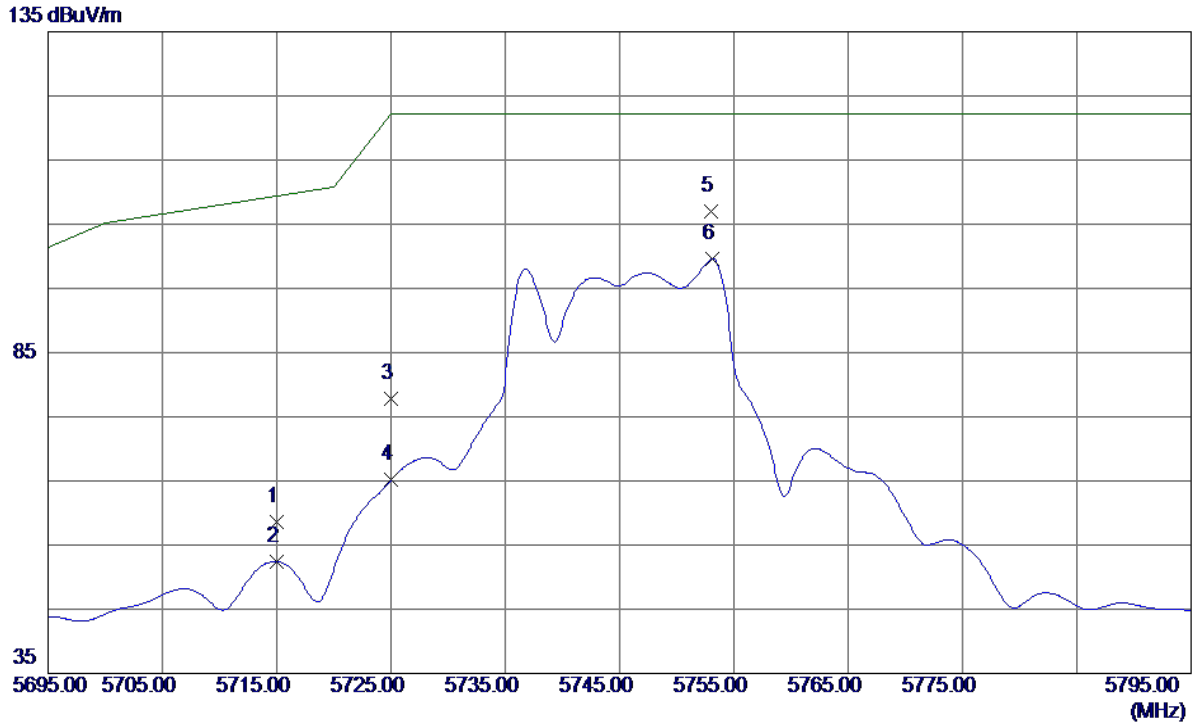
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7766.6130	39.54	11.73	51.27	54.00	-2.73	AVG	
2	7766.7550	42.32	11.73	54.05	68.20	-14.15	Peak	
3	11646.0500	38.90	15.48	54.38	68.20	-13.82	Peak	
4	11646.0500	31.34	15.48	46.82	54.00	-7.18	AVG	

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

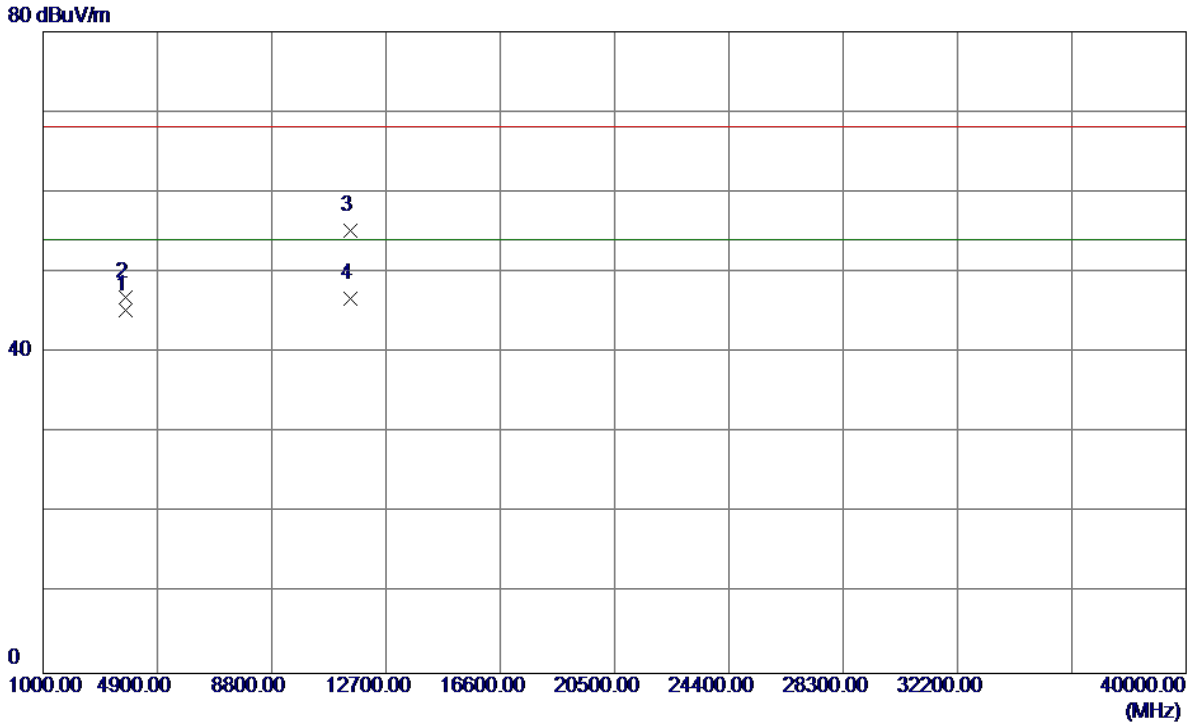
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	16.05	42.55	58.60	109.40	-50.80	Peak	
2	5715.0000	9.85	42.55	52.40	109.40	-57.00	AVG	
3	5725.0000	35.15	42.58	77.73	122.20	-44.47	Peak	
4	5725.0000	22.64	42.58	65.22	122.20	-56.98	AVG	
5 *	5753.0000	64.28	42.68	106.96	122.20	-15.24	Peak	
6	5753.1500	56.98	42.68	99.66	122.20	-22.54	AVG	

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

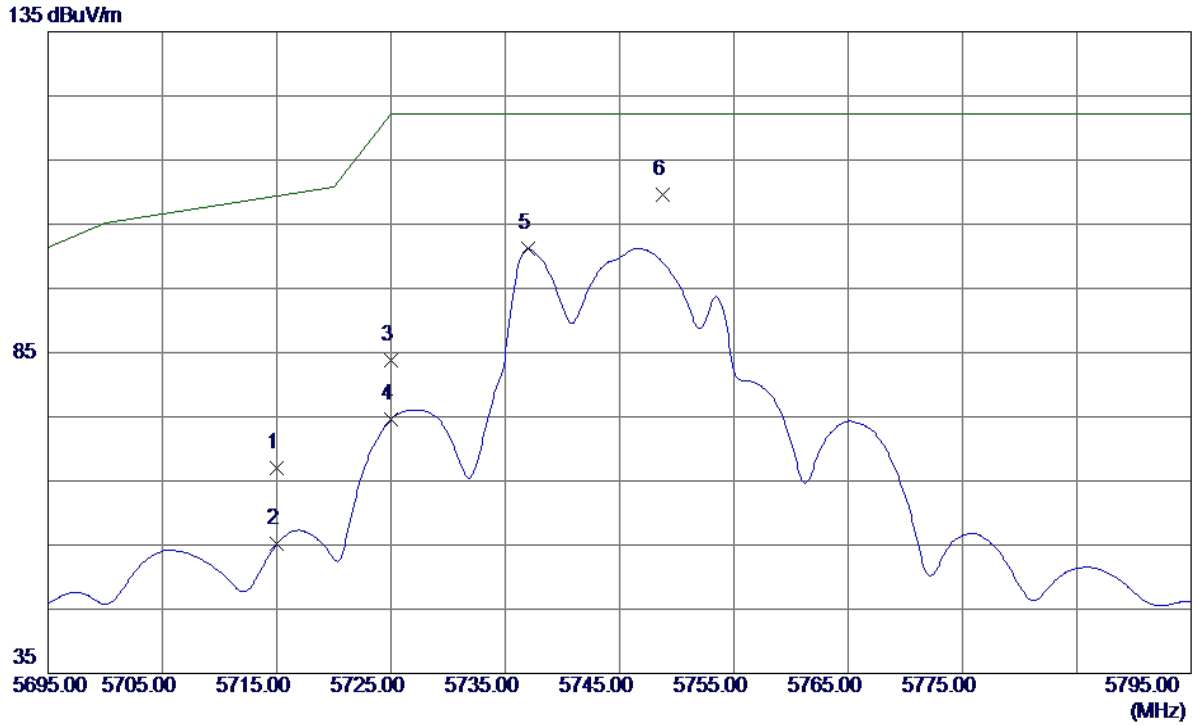
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3829.9550	42.83	2.39	45.22	54.00	-8.78	AVG	
2	3829.9850	44.43	2.39	46.82	68.20	-21.38	Peak	
3	11486.4000	39.74	15.49	55.23	68.20	-12.97	Peak	
4 *	11486.4000	31.19	15.49	46.68	54.00	-7.32	AVG	

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

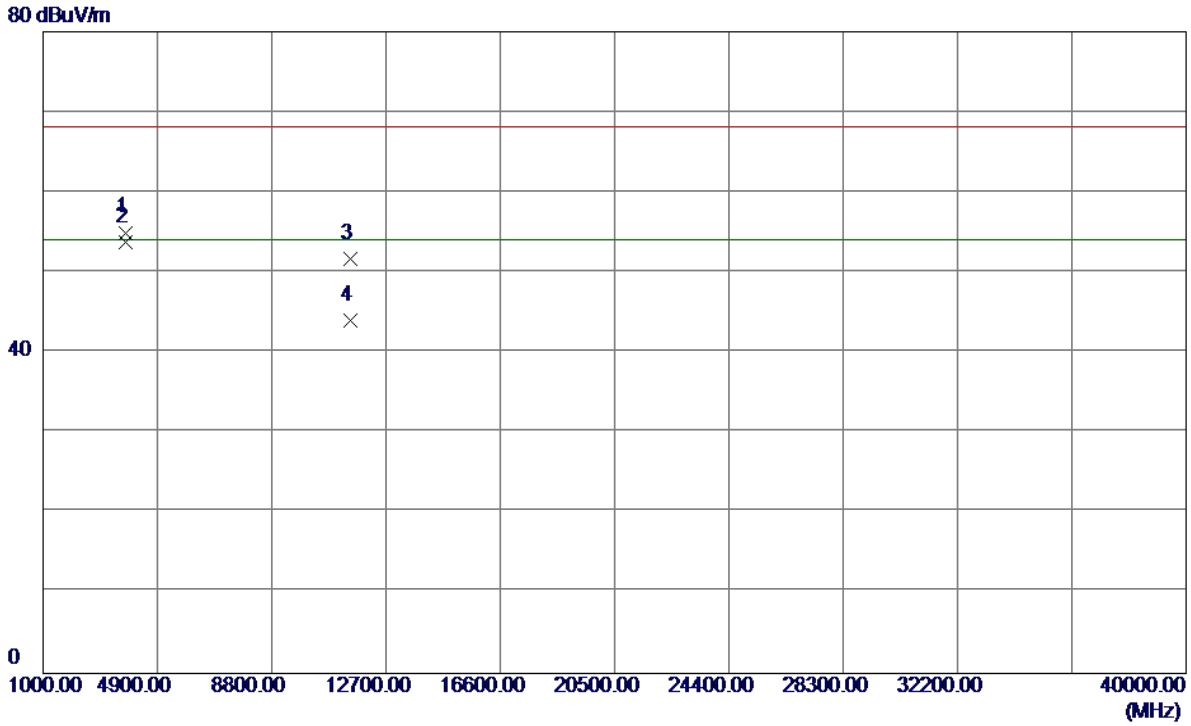
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.41	42.55	66.96	109.40	-42.44	Peak	
2	5715.0000	12.68	42.55	55.23	109.40	-54.17	AVG	
3	5725.0000	41.22	42.58	83.80	122.20	-38.40	Peak	
4	5725.0000	32.06	42.58	74.64	122.20	-47.56	AVG	
5	5736.9500	58.55	42.62	101.17	122.20	-21.03	AVG	
6 *	5748.8000	66.93	42.67	109.60	122.20	-12.60	Peak	

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

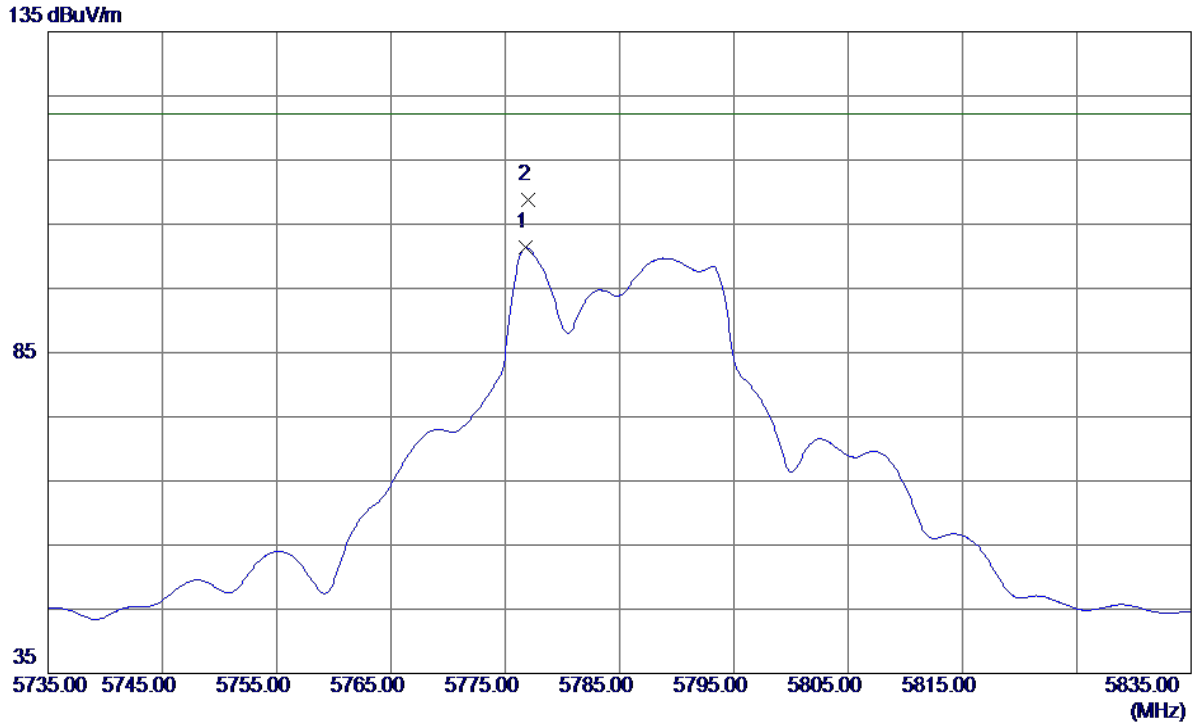
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3829.6900	52.57	2.39	54.96	68.20	-13.24	Peak	
2 *	3829.9750	51.37	2.39	53.76	54.00	-0.24	AVG	
3	11487.5500	36.20	15.49	51.69	68.20	-16.51	Peak	
4	11487.5500	28.45	15.49	43.94	54.00	-10.06	AVG	

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

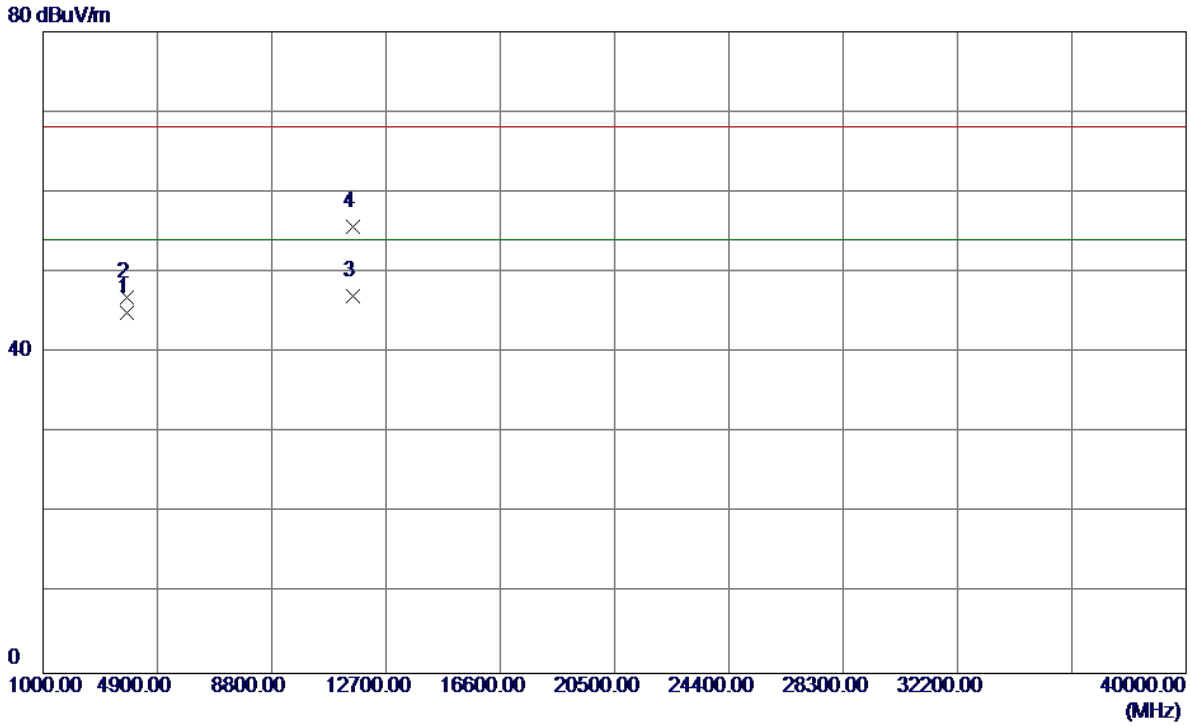
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5776.8000	58.61	42.77	101.38	122.20	-20.82	AVG	
2 *	5776.9500	66.07	42.77	108.84	122.20	-13.36	Peak	

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

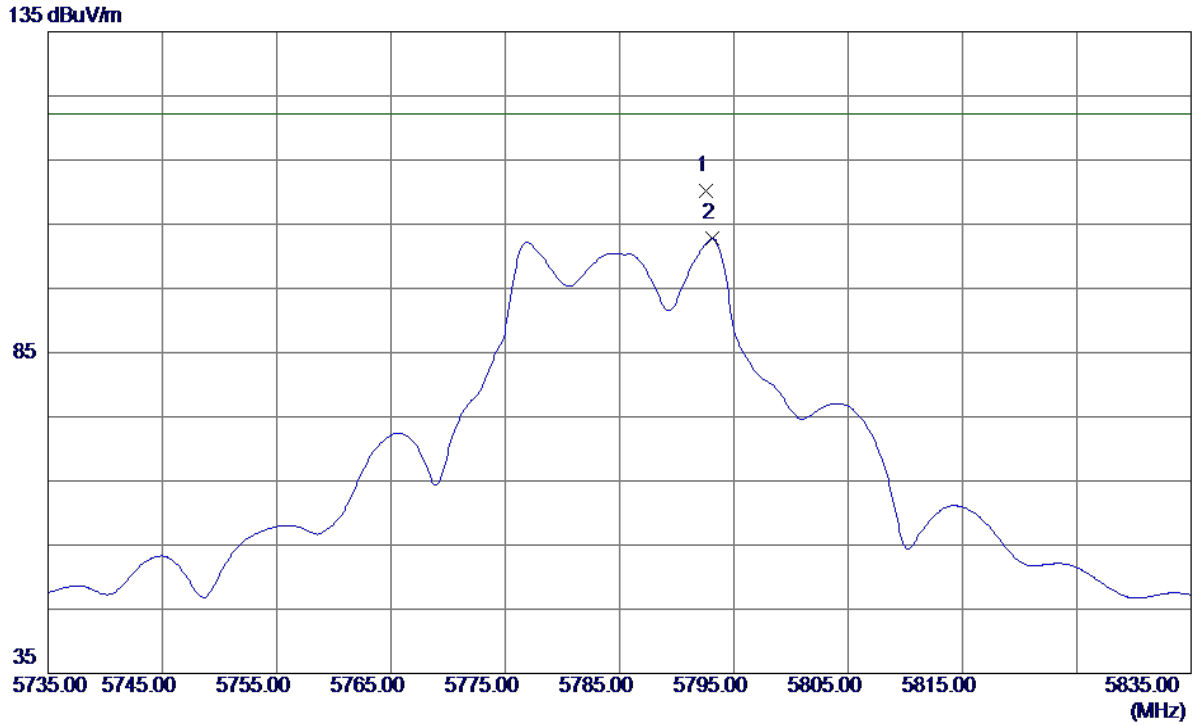
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.6600	42.49	2.48	44.97	54.00	-9.03	AVG	
2	3856.8000	44.41	2.48	46.89	68.20	-21.31	Peak	
3 *	11561.3000	31.60	15.48	47.08	54.00	-6.92	AVG	
4	11566.6000	40.27	15.48	55.75	68.20	-12.45	Peak	

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

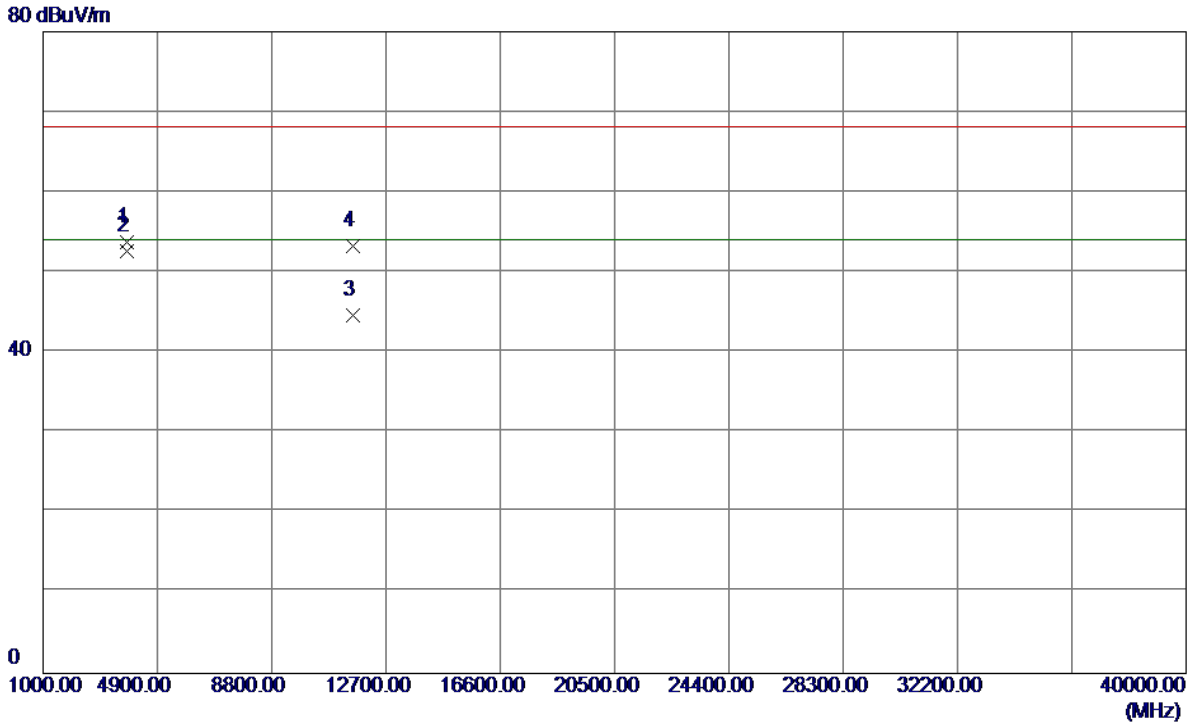
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5792.6000	67.36	42.82	110.18	122.20	-12.02	Peak	
2	5793.1500	59.93	42.82	102.75	122.20	-19.45	AVG	

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

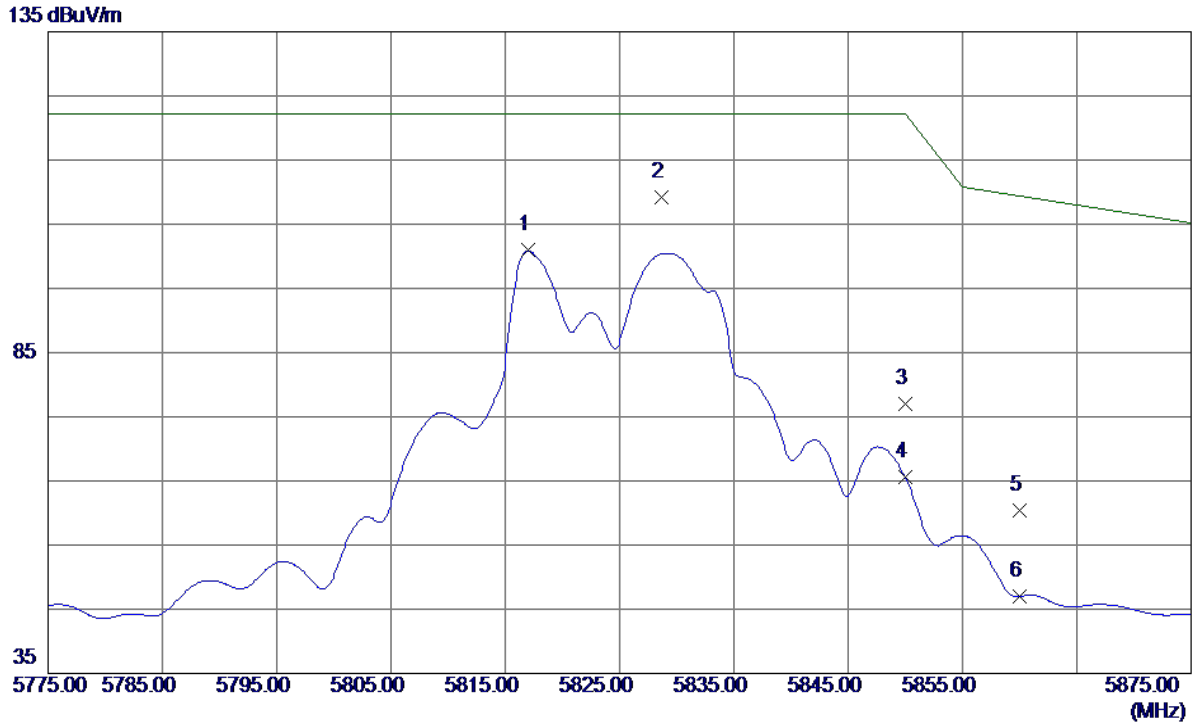
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.2430	51.35	2.48	53.83	68.20	-14.37	Peak	
2 *	3856.2700	50.15	2.48	52.63	54.00	-1.37	AVG	
3	11568.3500	29.12	15.48	44.60	54.00	-9.40	AVG	
4	11569.2500	37.84	15.48	53.32	68.20	-14.88	Peak	

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

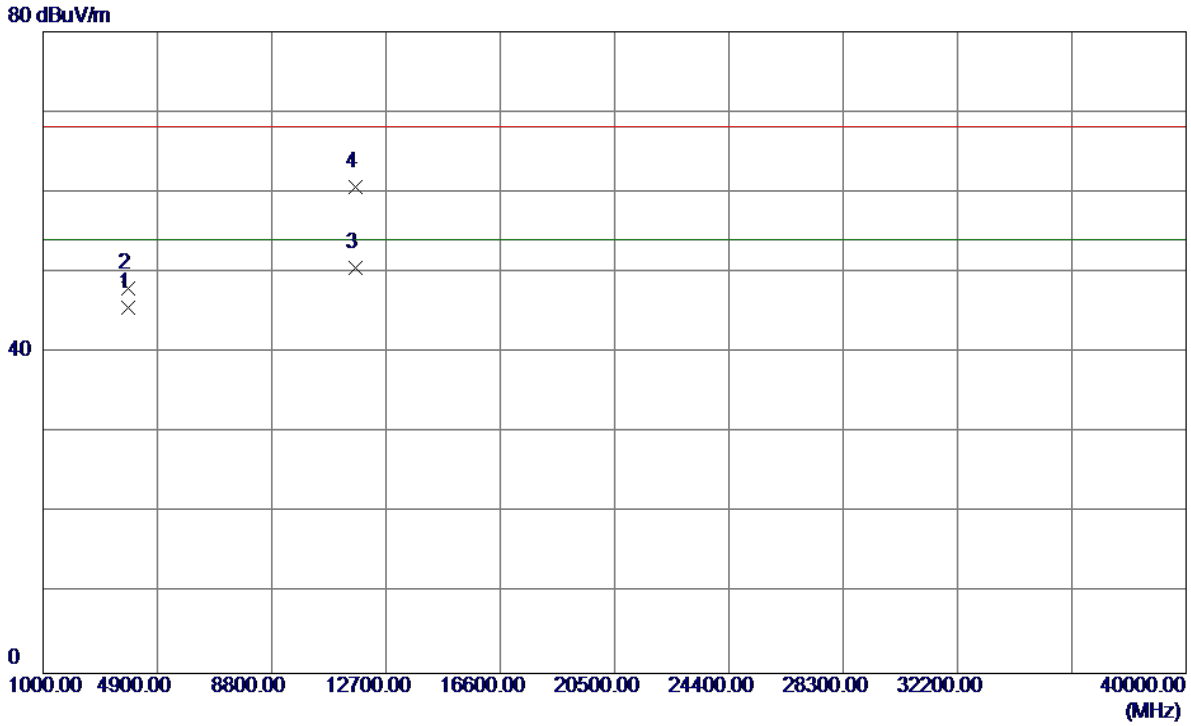
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5816.9500	57.99	42.91	100.90	122.20	-21.30	AVG	
2 *	5828.6500	66.27	42.95	109.22	122.20	-12.98	Peak	
3	5850.0000	33.94	43.03	76.97	122.20	-45.23	Peak	
4	5850.0000	22.52	43.03	65.55	122.20	-56.65	AVG	
5	5860.0000	17.29	43.06	60.35	109.40	-49.05	Peak	
6	5860.0000	3.91	43.06	46.97	109.40	-62.43	AVG	

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

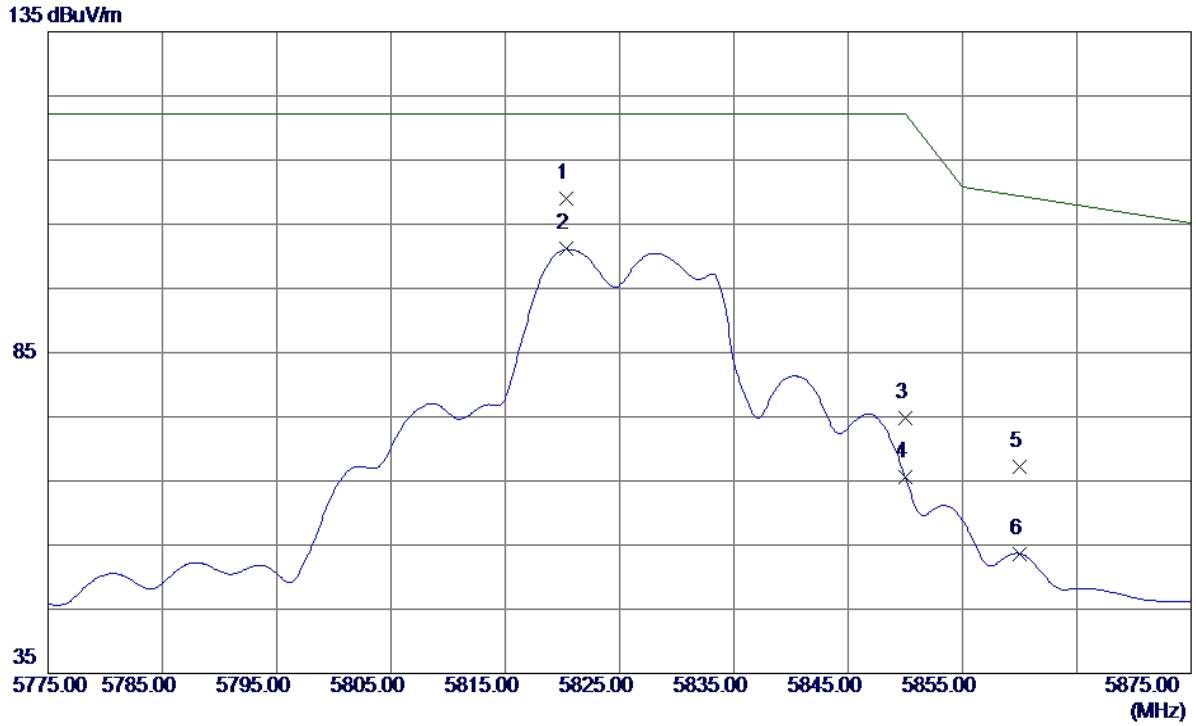
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.2750	43.09	2.57	45.66	54.00	-8.34	AVG	
2	3883.3500	45.45	2.57	48.02	68.20	-20.18	Peak	
3 *	11641.5000	35.04	15.48	50.52	54.00	-3.48	AVG	
4	11644.1000	45.16	15.48	60.64	68.20	-7.56	Peak	

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

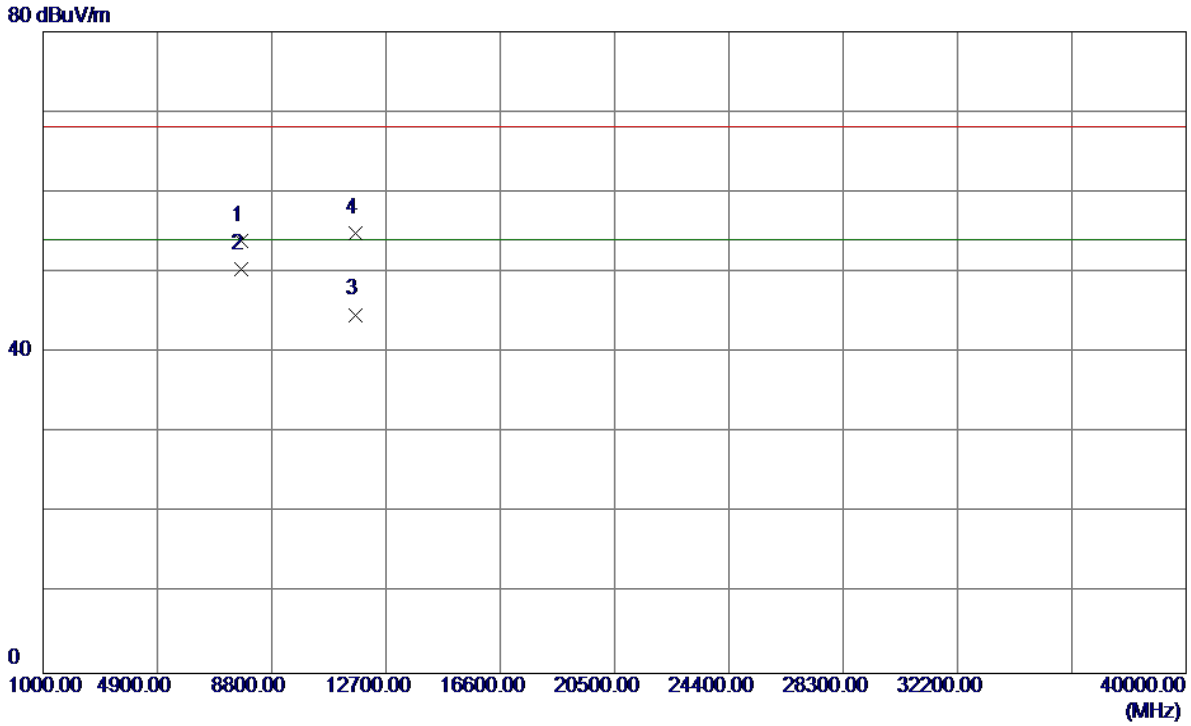
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5820.3500	66.18	42.92	109.10	122.20	-13.10	Peak	
2	5820.3500	58.19	42.92	101.11	122.20	-21.09	AVG	
3	5850.0000	31.75	43.03	74.78	122.20	-47.42	Peak	
4	5850.0000	22.51	43.03	65.54	122.20	-56.66	AVG	
5	5860.0000	24.10	43.06	67.16	109.40	-42.24	Peak	
6	5860.0000	10.61	43.06	53.67	109.40	-55.73	AVG	

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

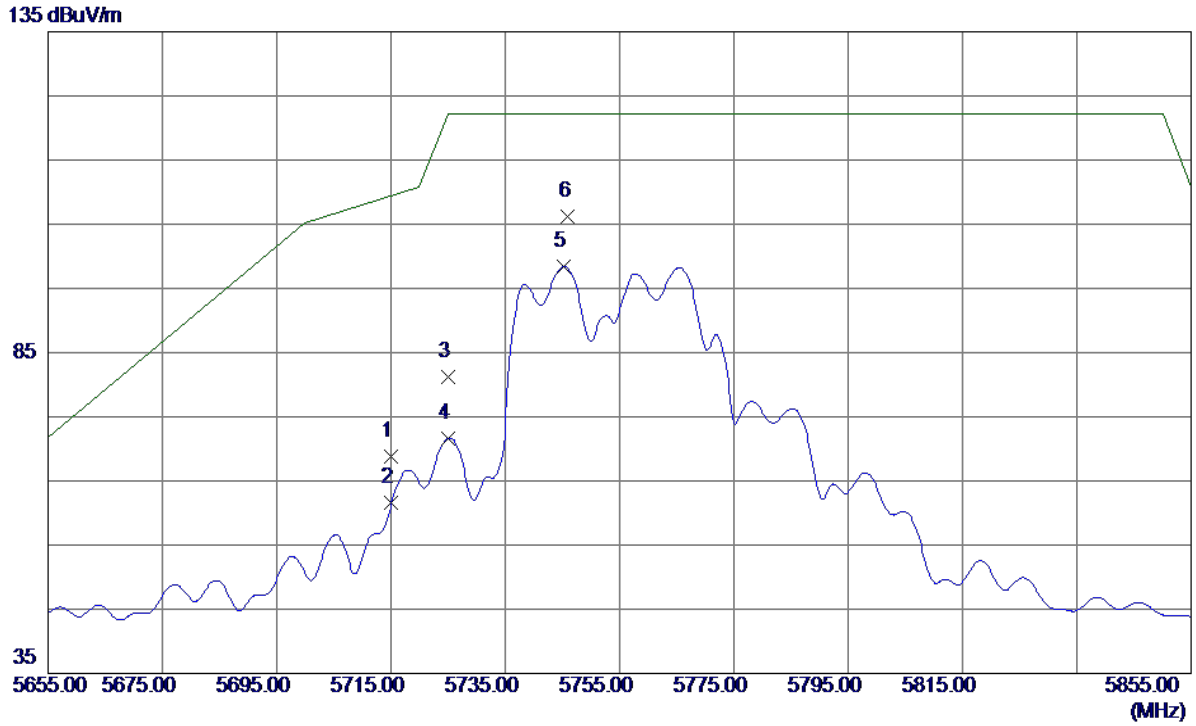
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7766.5600	42.14	11.73	53.87	68.20	-14.33	Peak	
2 *	7766.6230	38.73	11.73	50.46	54.00	-3.54	AVG	
3	11646.4500	29.24	15.48	44.72	54.00	-9.28	AVG	
4	11647.3500	39.45	15.48	54.93	68.20	-13.27	Peak	

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

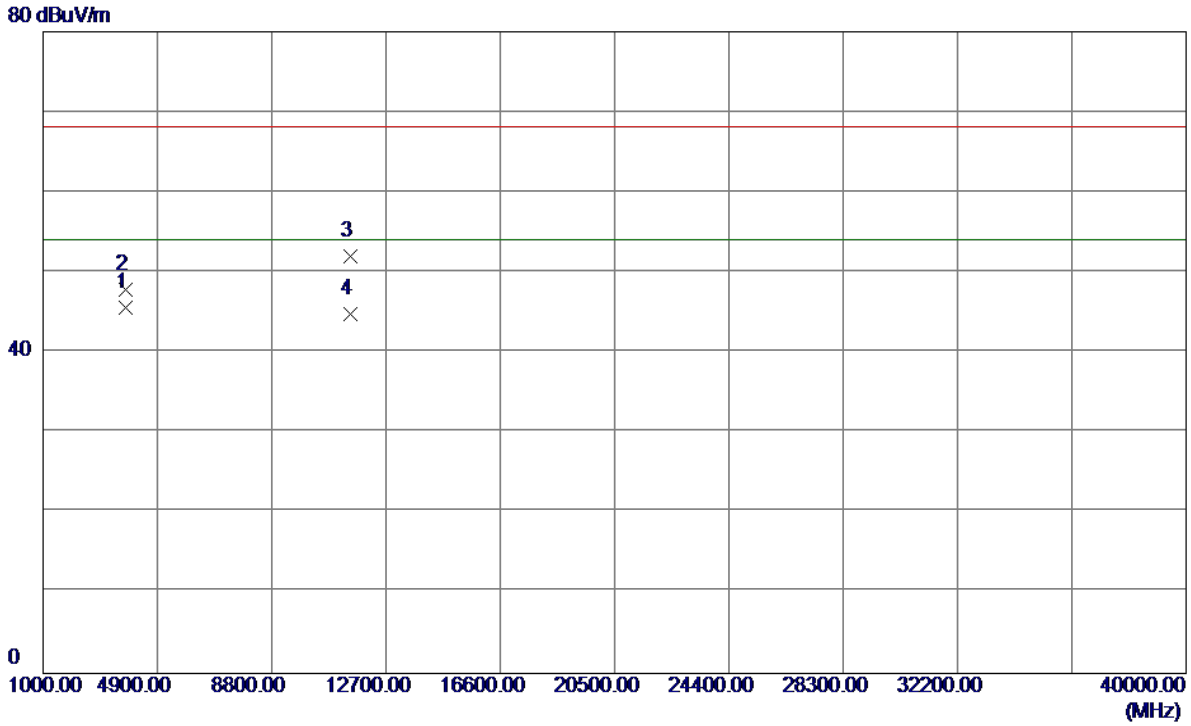
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.34	42.55	68.89	109.40	-40.51	Peak	
2	5715.0000	19.03	42.55	61.58	109.40	-47.82	AVG	
3	5725.0000	38.53	42.58	81.11	122.20	-41.09	Peak	
4	5725.0000	29.08	42.58	71.66	122.20	-50.54	AVG	
5	5745.3000	55.76	42.65	98.41	122.20	-23.79	AVG	
6 *	5746.0000	63.62	42.66	106.28	122.20	-15.92	Peak	

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

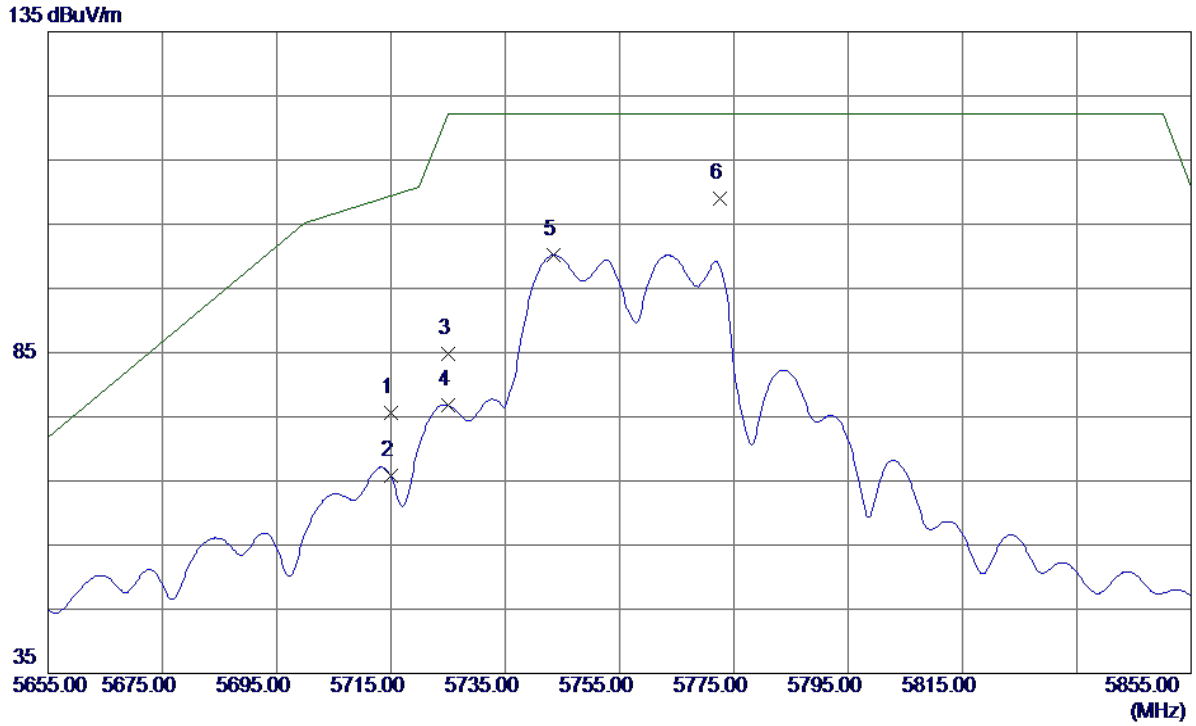
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3836.6350	43.12	2.42	45.54	54.00	-8.46	AVG	
2	3836.6400	45.47	2.42	47.89	68.20	-20.31	Peak	
3	11506.3000	36.54	15.48	52.02	68.20	-16.18	Peak	
4	11507.9000	29.26	15.48	44.74	54.00	-9.26	AVG	

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

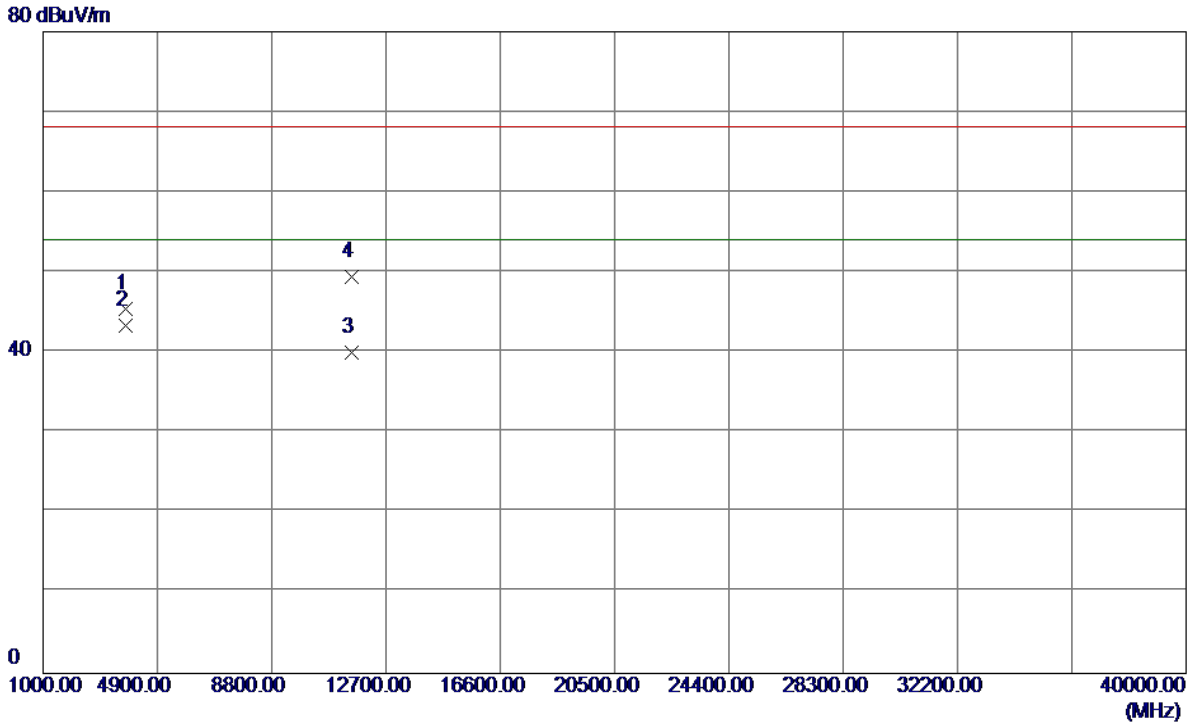
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	33.04	42.55	75.59	109.40	-33.81	Peak	
2	5715.0000	23.16	42.55	65.71	109.40	-43.69	AVG	
3	5725.0000	42.29	42.58	84.87	122.20	-37.33	Peak	
4	5725.0000	34.20	42.58	76.78	122.20	-45.42	AVG	
5	5743.5000	57.58	42.65	100.23	122.20	-21.97	AVG	
6 *	5772.5000	66.16	42.75	108.91	122.20	-13.29	Peak	

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

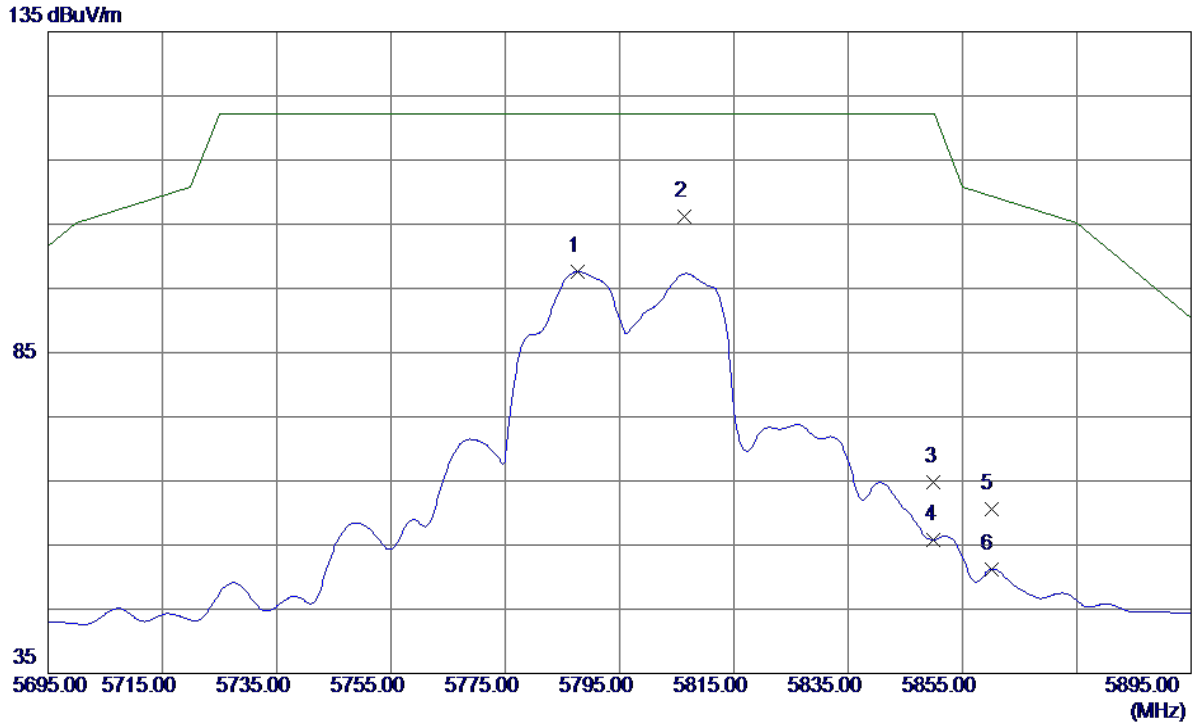
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3836.6100	43.08	2.42	45.50	68.20	-22.70	Peak	
2 *	3836.6400	40.95	2.42	43.37	54.00	-10.63	AVG	
3	11509.5000	24.56	15.48	40.04	54.00	-13.96	AVG	
4	11509.6500	33.94	15.48	49.42	68.20	-18.78	Peak	

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

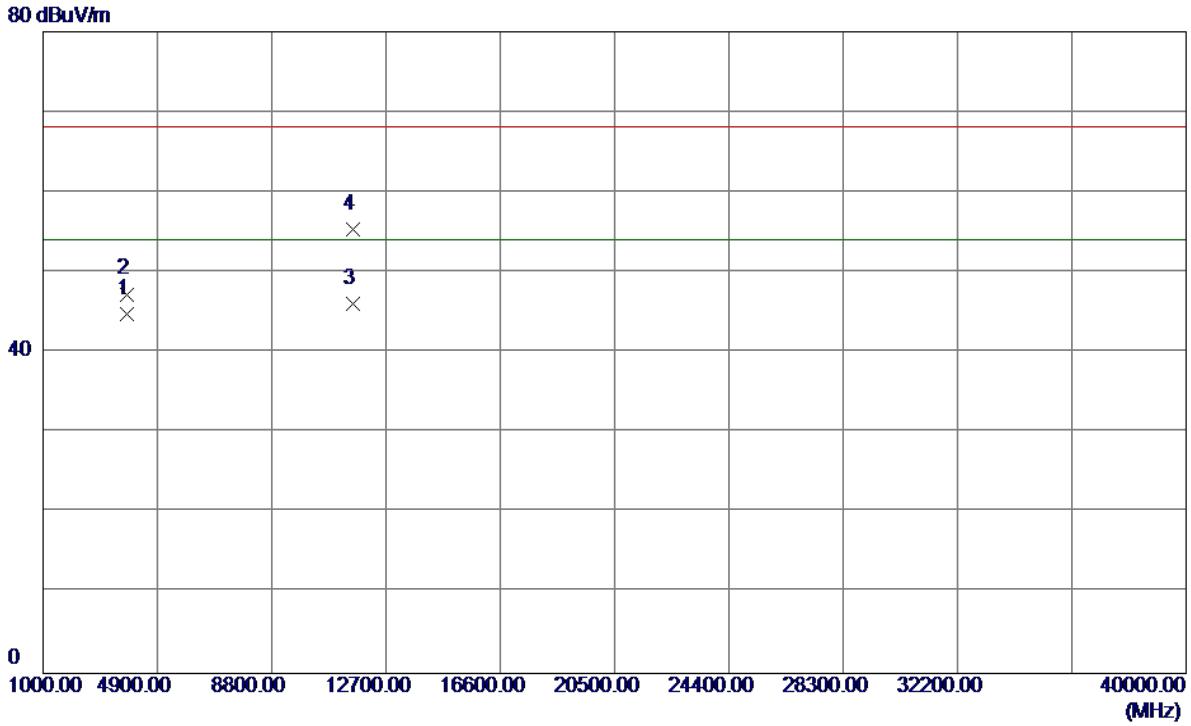
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5787.7000	54.82	42.80	97.62	122.20	-24.58	AVG	
2 *	5806.4000	63.31	42.87	106.18	122.20	-16.02	Peak	
3	5850.0000	21.82	43.03	64.85	122.20	-57.35	Peak	
4	5850.0000	12.82	43.03	55.85	122.20	-66.35	AVG	
5	5860.0000	17.52	43.06	60.58	109.40	-48.82	Peak	
6	5860.0000	8.20	43.06	51.26	109.40	-58.14	AVG	

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

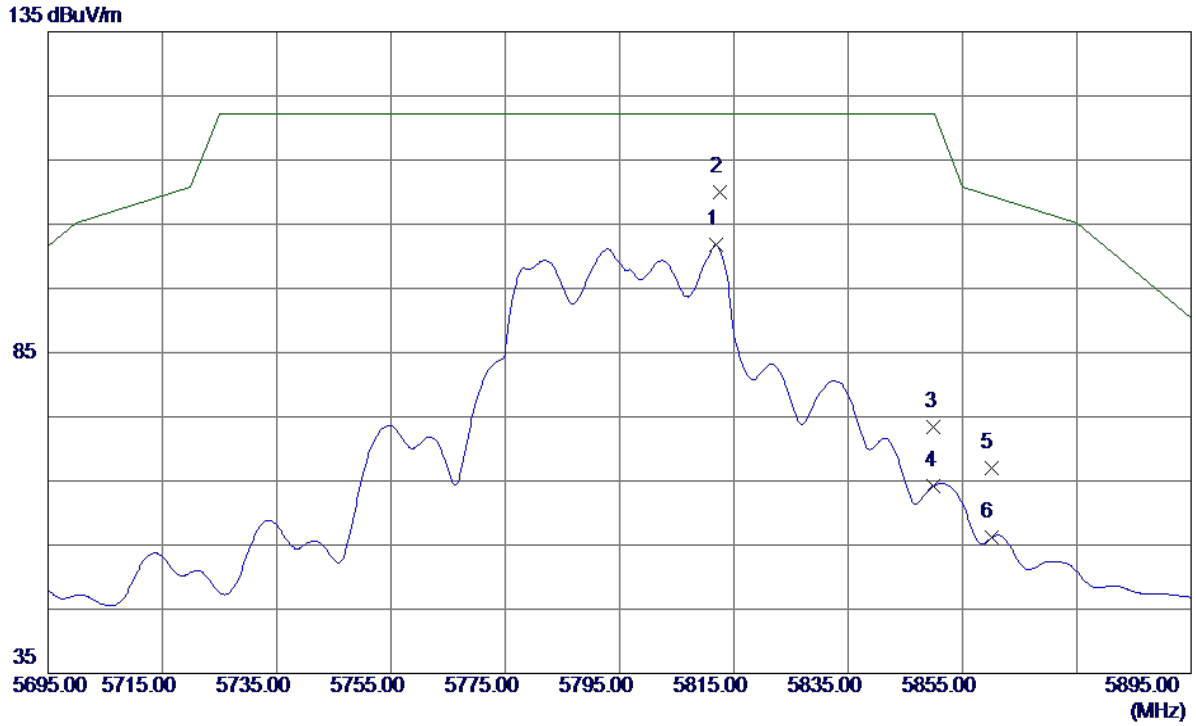
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3863.2550	42.33	2.50	44.83	54.00	-9.17	AVG	
2	3863.3580	44.78	2.50	47.28	68.20	-20.92	Peak	
3 *	11581.3500	30.57	15.48	46.05	54.00	-7.95	AVG	
4	11581.5500	39.87	15.48	55.35	68.20	-12.85	Peak	

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

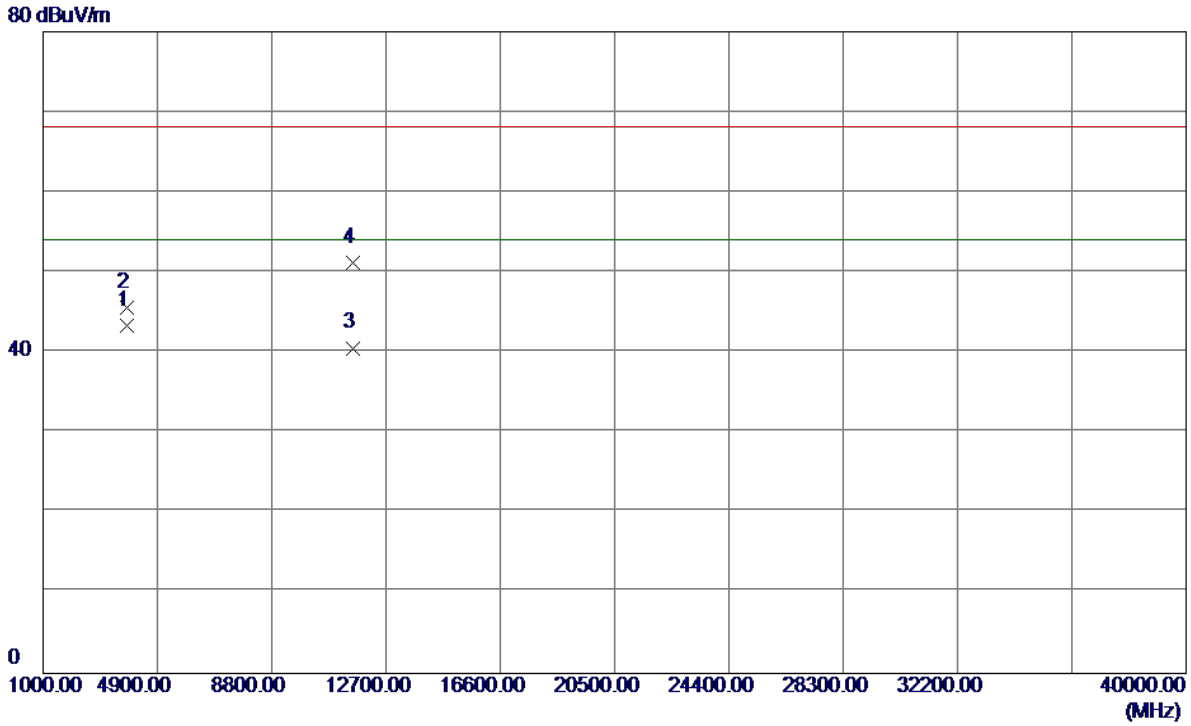
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5811.9000	58.90	42.89	101.79	122.20	-20.41	AVG	
2 *	5812.6000	67.06	42.89	109.95	122.20	-12.25	Peak	
3	5850.0000	30.45	43.03	73.48	122.20	-48.72	Peak	
4	5850.0000	21.26	43.03	64.29	122.20	-57.91	AVG	
5	5860.0000	24.01	43.06	67.07	109.40	-42.33	Peak	
6	5860.0000	13.12	43.06	56.18	109.40	-53.22	AVG	

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

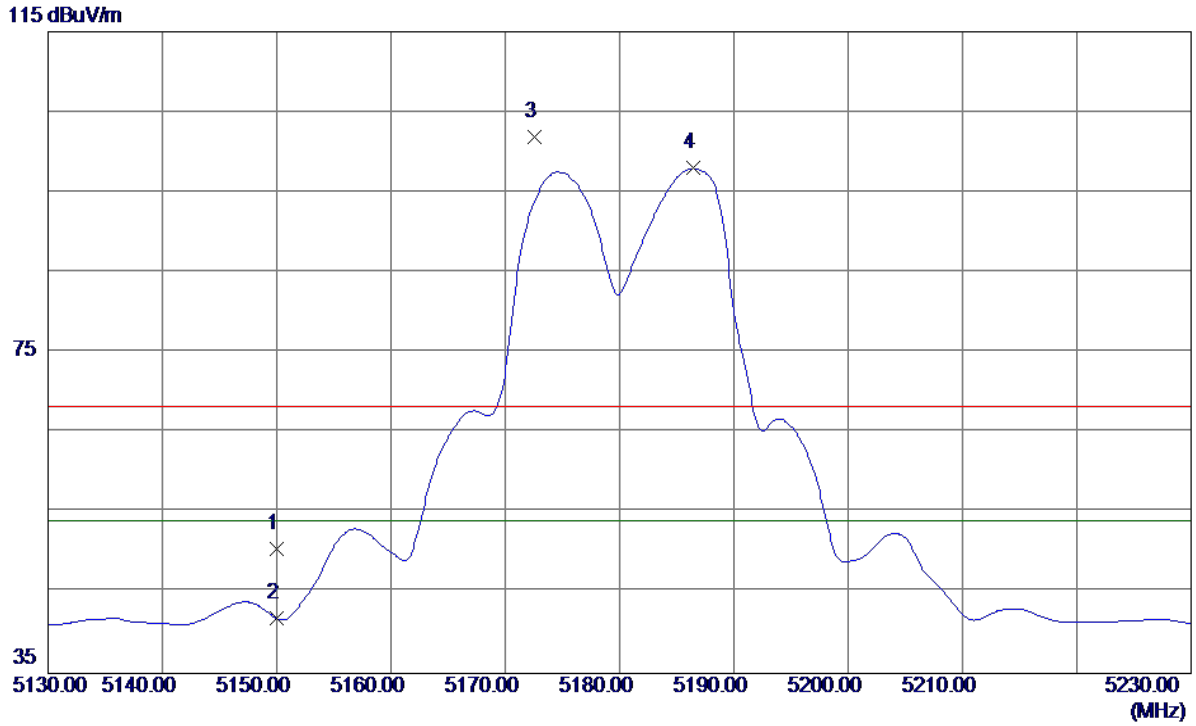
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3863.2980	40.86	2.50	43.36	54.00	-10.64	AVG	
2	3863.4230	43.11	2.50	45.61	68.20	-22.59	Peak	
3	11587.7500	25.08	15.48	40.56	54.00	-13.44	AVG	
4	11588.0000	35.75	15.48	51.23	68.20	-16.97	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5180MHz

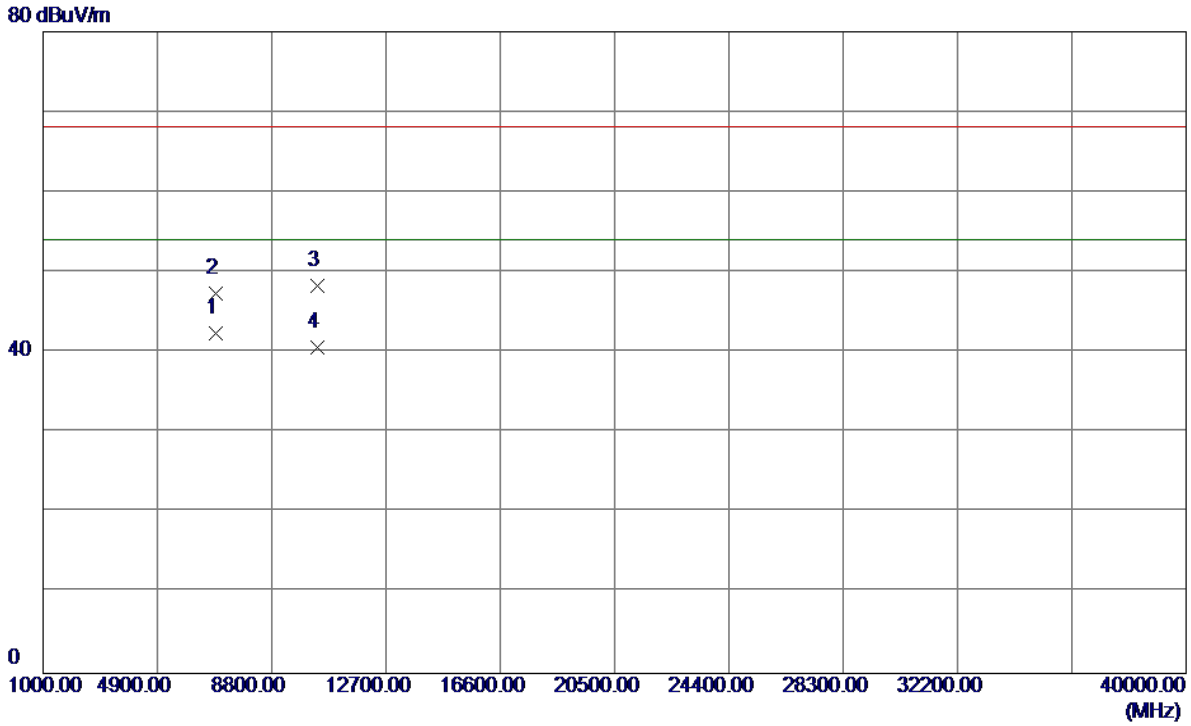
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.85	40.62	50.47	68.20	-17.73	Peak	
2	5150.0000	1.23	40.62	41.85	54.00	-12.15	AVG	
3	5172.5500	61.17	40.70	101.87	68.20	33.67	Peak	No Limit
4 *	5186.4500	57.22	40.75	97.97	54.00	43.97	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5180MHz

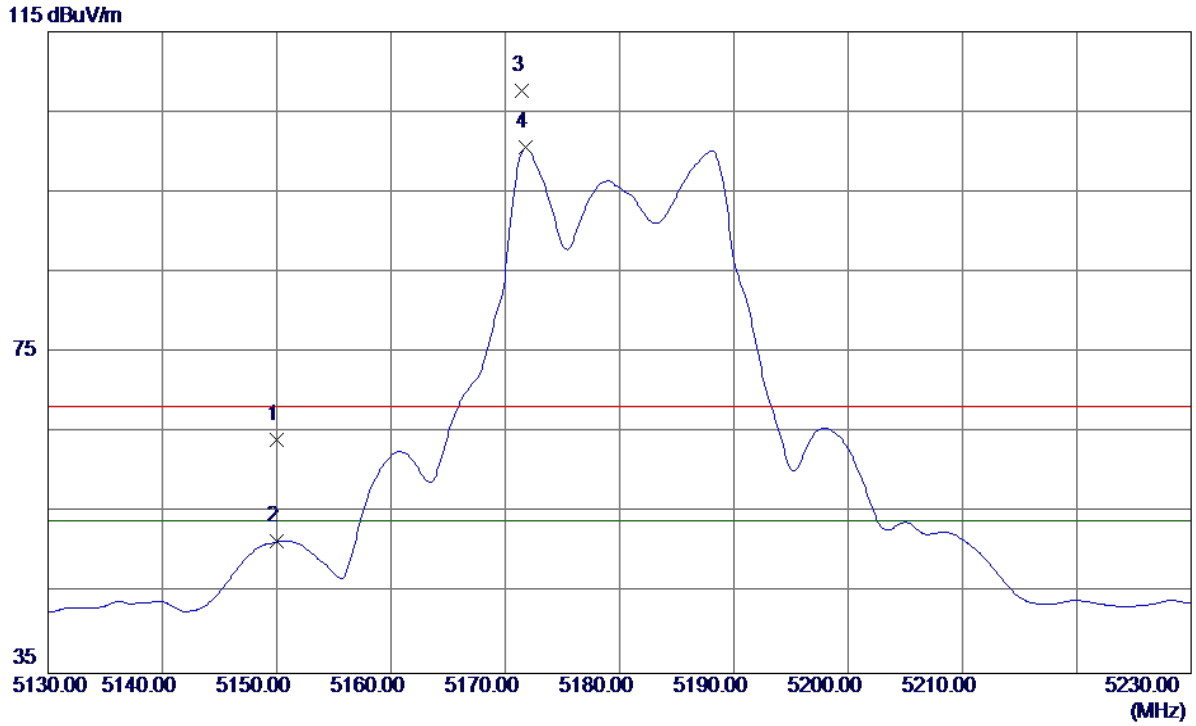
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6906.6850	31.64	10.78	42.42	54.00	-11.58	AVG	
2	6906.7550	36.55	10.78	47.33	68.20	-20.87	Peak	
3	10359.6000	33.41	14.96	48.37	68.20	-19.83	Peak	
4	10359.8000	25.70	14.96	40.66	54.00	-13.34	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5180MHz

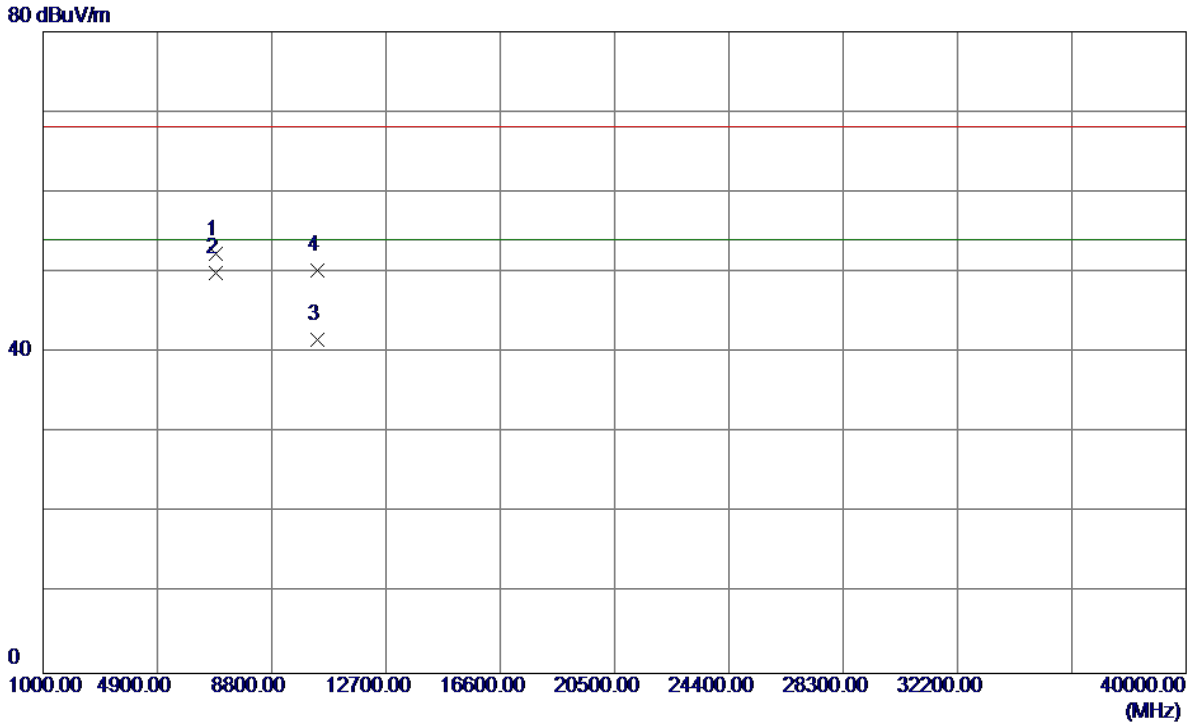
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.57	40.62	64.19	68.20	-4.01	Peak	
2	5150.0000	10.79	40.62	51.41	54.00	-2.59	AVG	
3	5171.4000	67.01	40.70	107.71	68.20	39.51	Peak	No Limit
4 *	5171.7500	59.84	40.70	100.54	54.00	46.54	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5180MHz

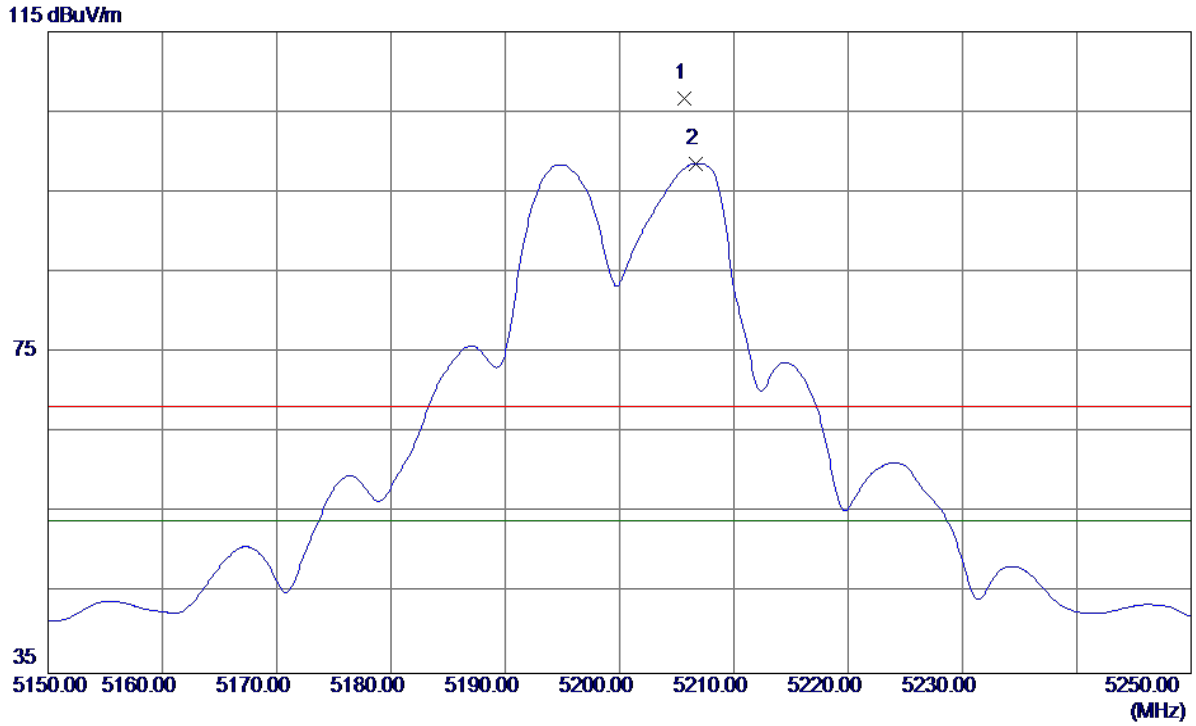
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6906.5190	41.46	10.78	52.24	68.20	-15.96	Peak	
2 *	6906.6320	39.19	10.78	49.97	54.00	-4.03	AVG	
3	10361.7000	26.64	14.97	41.61	54.00	-12.39	AVG	
4	10359.6000	35.25	14.96	50.21	68.20	-17.99	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5200MHz

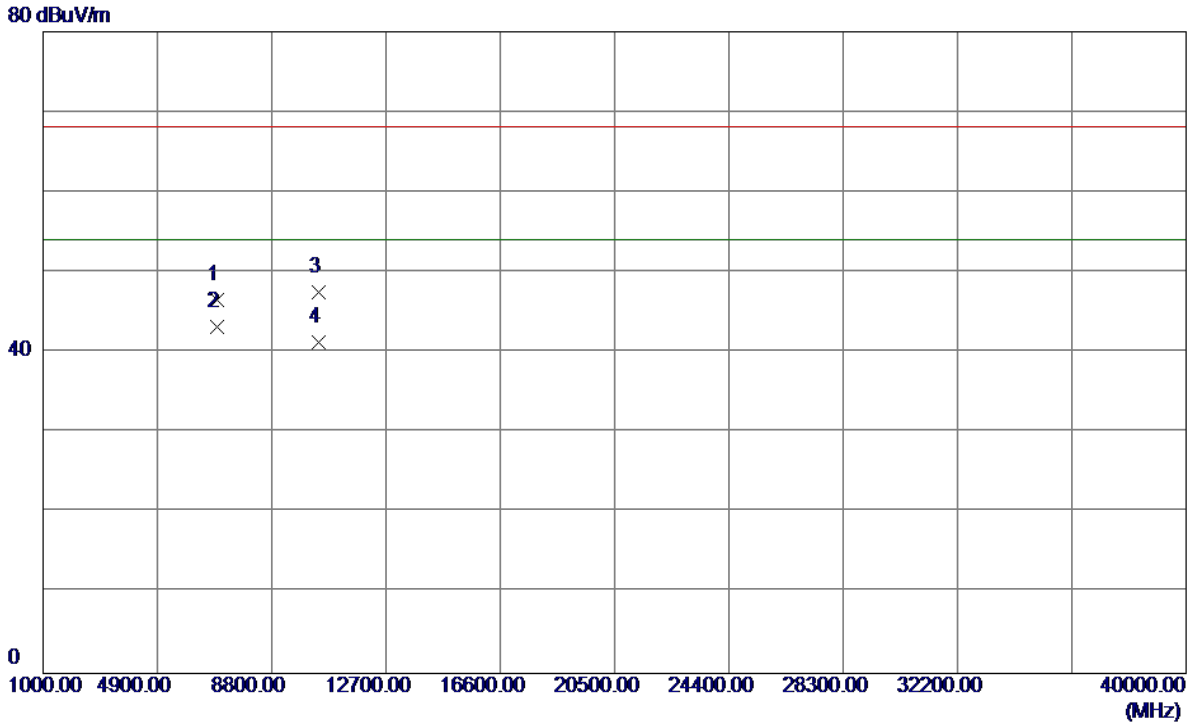
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5205.7000	65.86	40.81	106.67	68.20	38.47	Peak	No Limit
2 *	5206.6500	57.78	40.81	98.59	54.00	44.59	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5200MHz

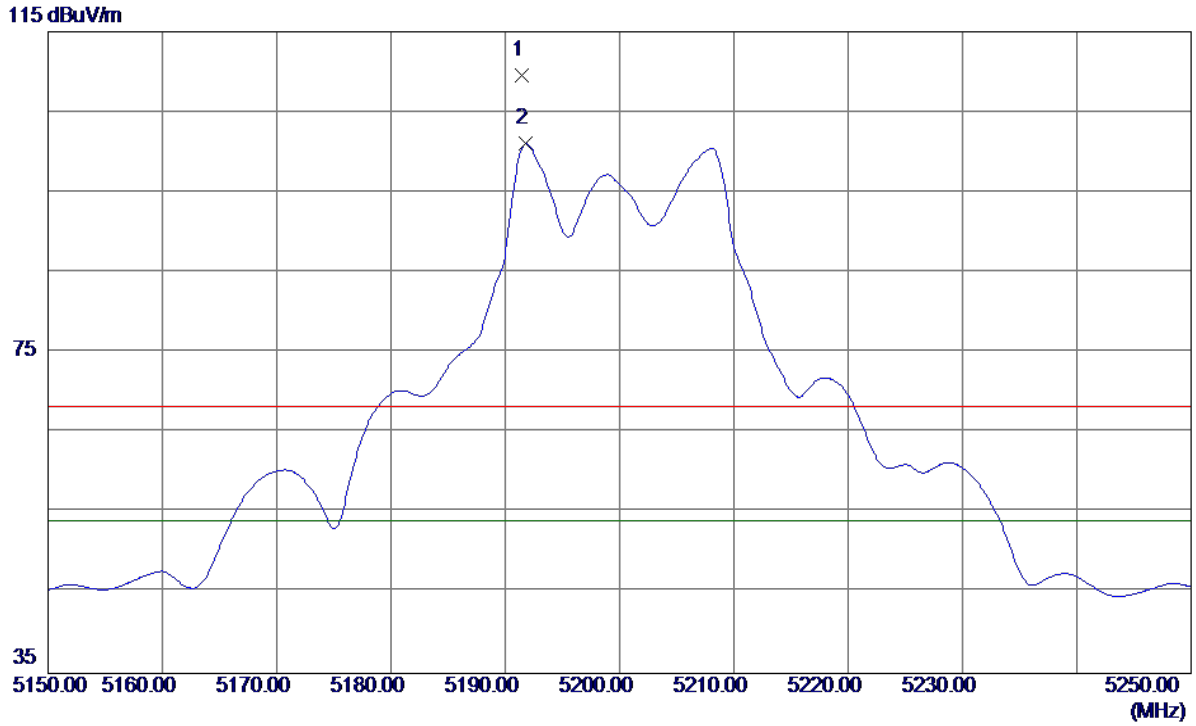
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6933.3100	35.76	10.77	46.53	68.20	-21.67	Peak	
2 *	6933.3210	32.50	10.77	43.27	54.00	-10.73	AVG	
3	10400.0000	32.42	15.06	47.48	68.20	-20.72	Peak	
4	10400.1000	26.25	15.06	41.31	54.00	-12.69	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5200MHz

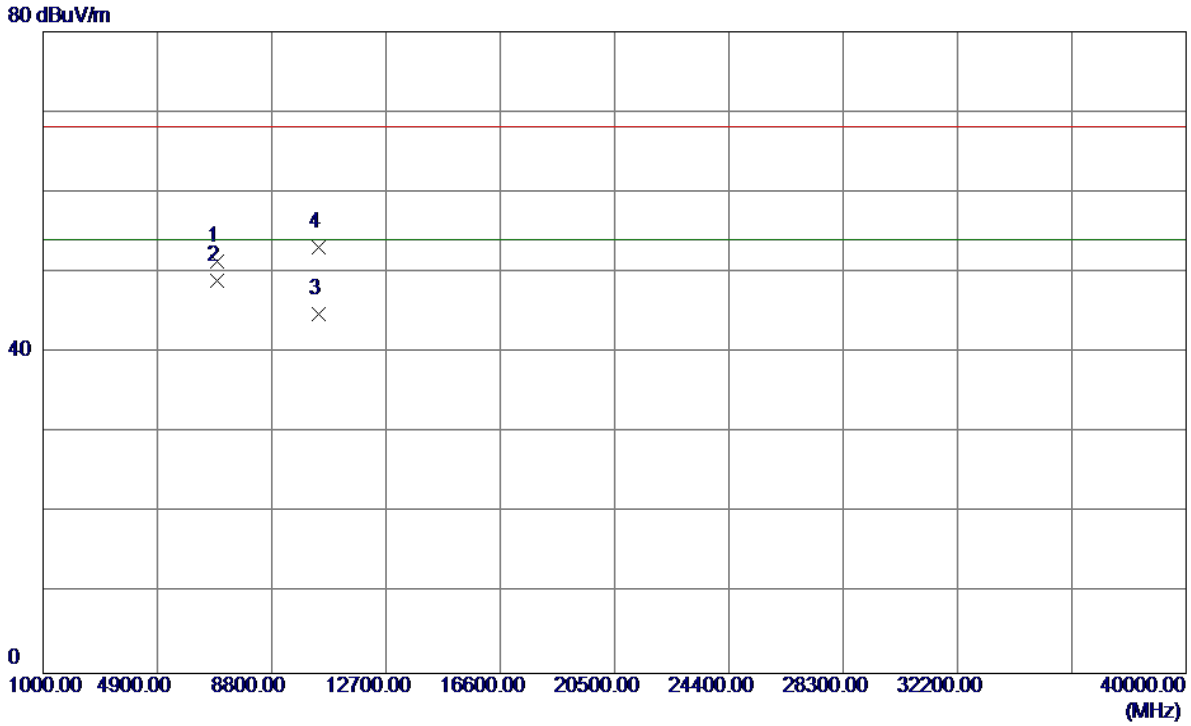
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5191.4500	68.81	40.76	109.57	68.20	41.37	Peak	No Limit
2 *	5191.8000	60.31	40.76	101.07	54.00	47.07	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5200MHz

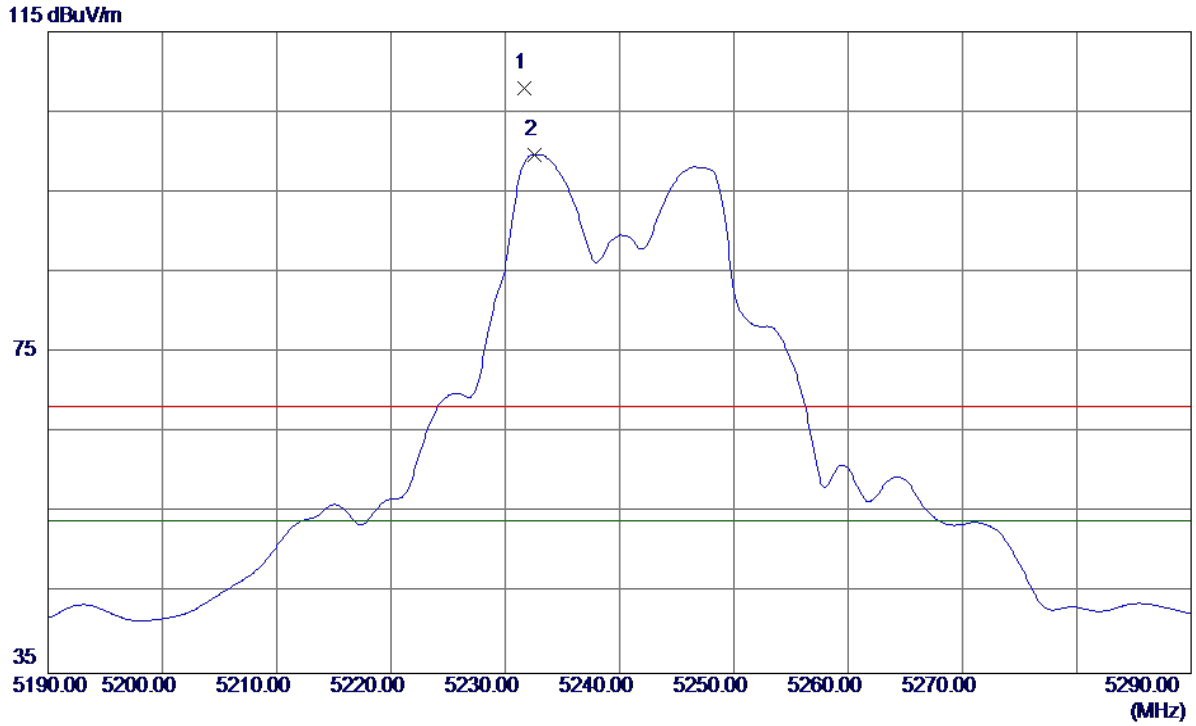
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6933.1140	40.54	10.77	51.31	68.20	-16.89	Peak	
2 *	6933.2160	38.17	10.77	48.94	54.00	-5.06	AVG	
3	10394.1000	29.76	15.04	44.80	54.00	-9.20	AVG	
4	10395.7160	38.13	15.05	53.18	68.20	-15.02	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5240MHz

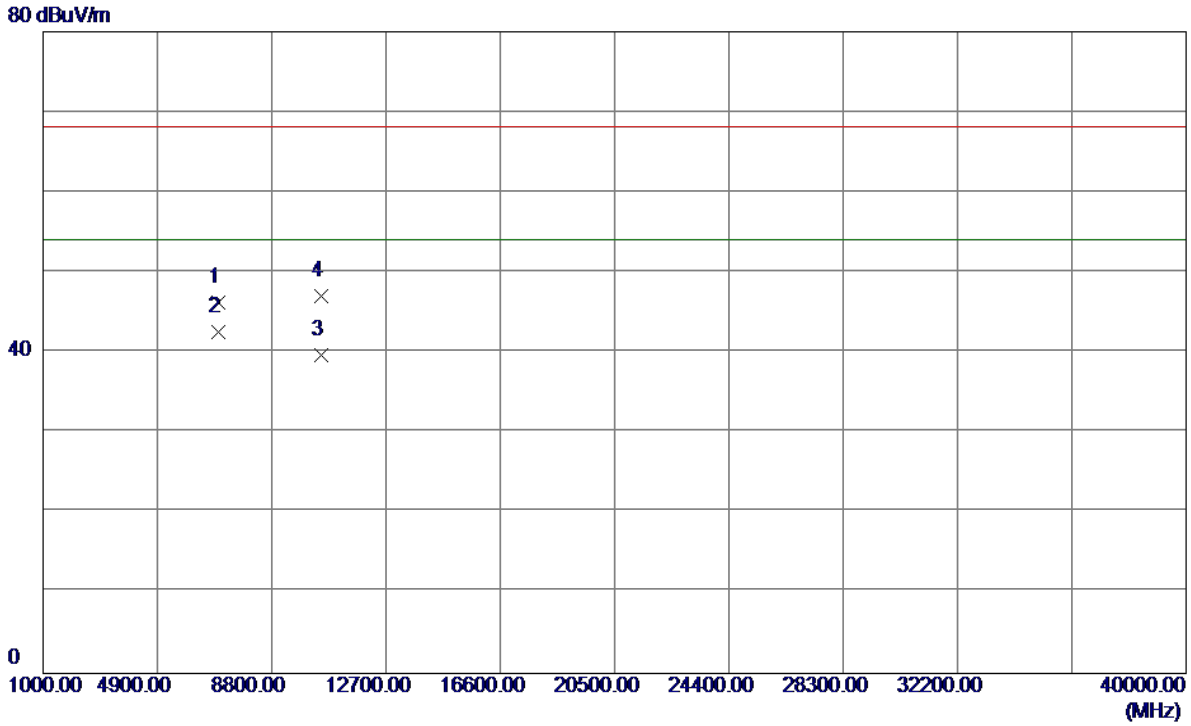
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5231.6500	67.00	40.89	107.89	68.20	39.69	Peak	No Limit
2 *	5232.6000	58.78	40.90	99.68	54.00	45.68	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5240MHz

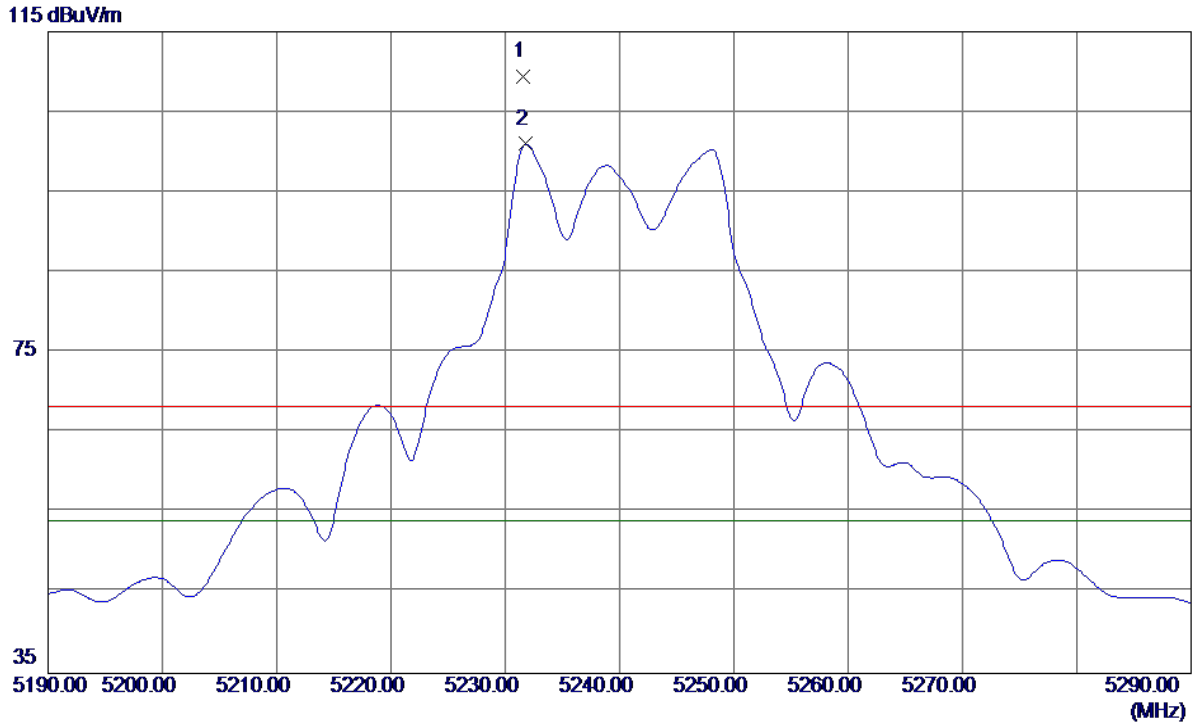
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6986.6400	35.52	10.75	46.27	68.20	-21.93	Peak	
2 *	6986.6480	31.83	10.75	42.58	54.00	-11.42	AVG	
3	10479.8700	24.46	15.24	39.70	54.00	-14.30	AVG	
4	10480.2400	31.78	15.24	47.02	68.20	-21.18	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5240MHz

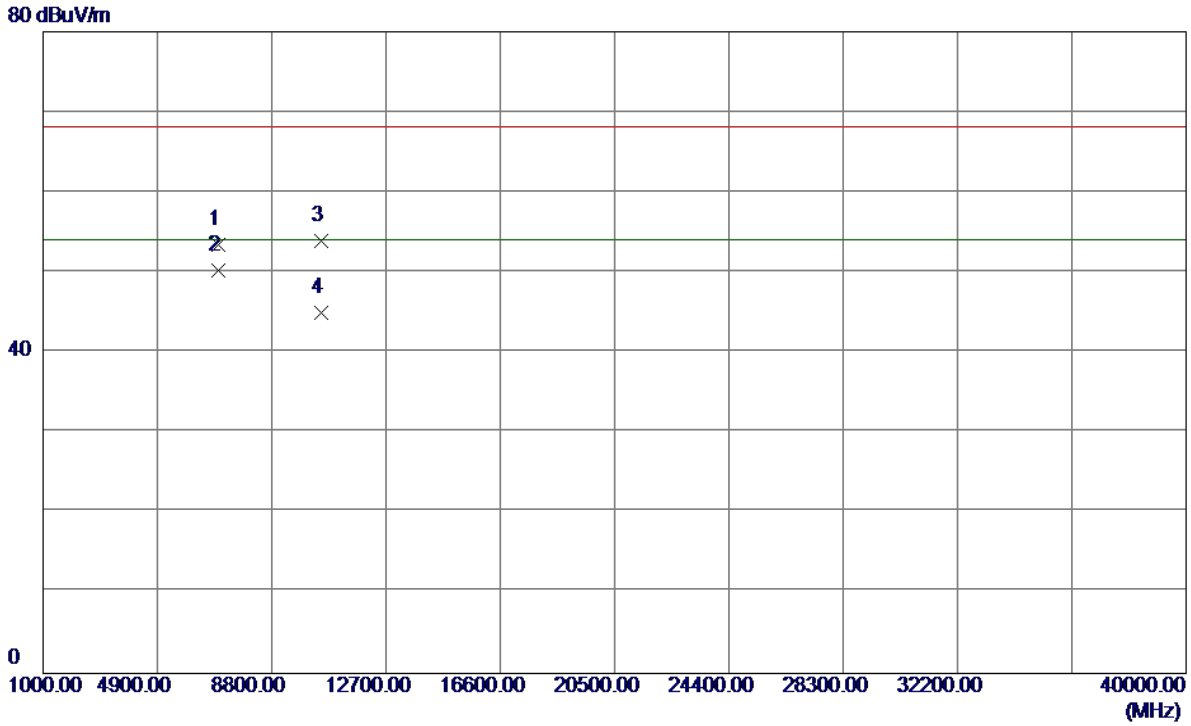
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5231.6000	68.52	40.89	109.41	68.20	41.21	Peak	No Limit
2 *	5231.8000	60.11	40.89	101.00	54.00	47.00	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(20 MHz) Mode 5240MHz

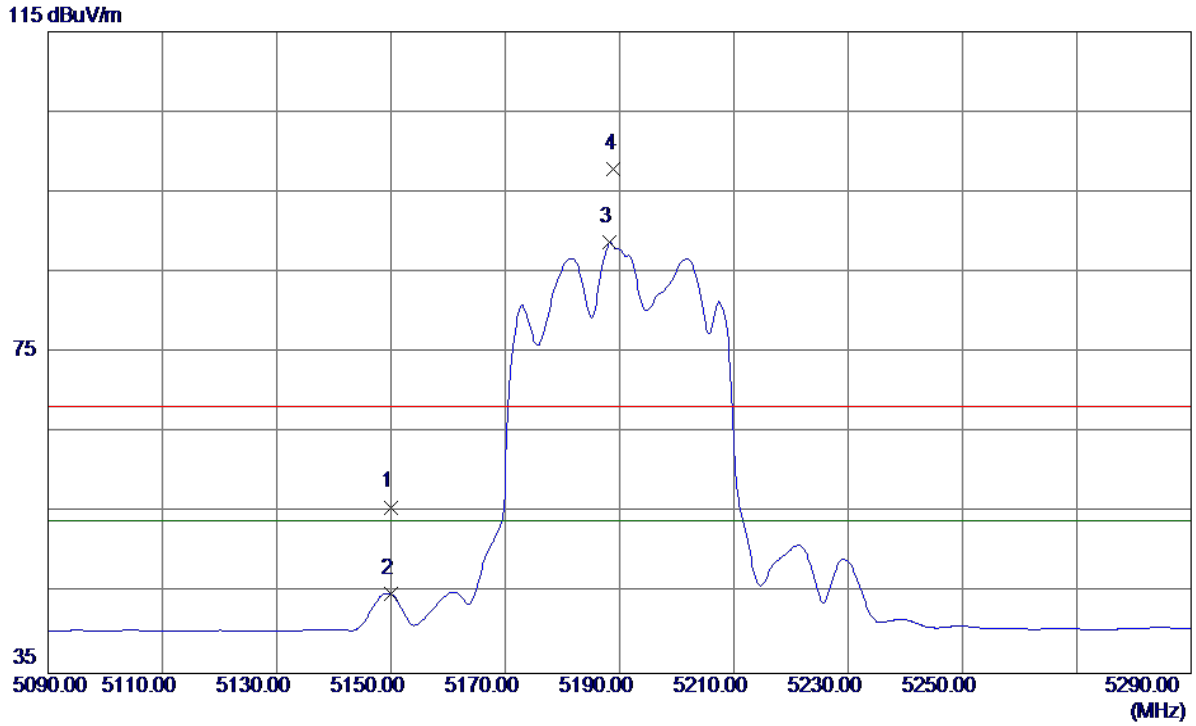
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6986.6160	42.74	10.75	53.49	68.20	-14.71	Peak	
2 *	6986.7260	39.42	10.75	50.17	54.00	-3.83	AVG	
3	10473.4000	38.72	15.23	53.95	68.20	-14.25	Peak	
4	10474.7000	29.66	15.23	44.89	54.00	-9.11	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5190MHz

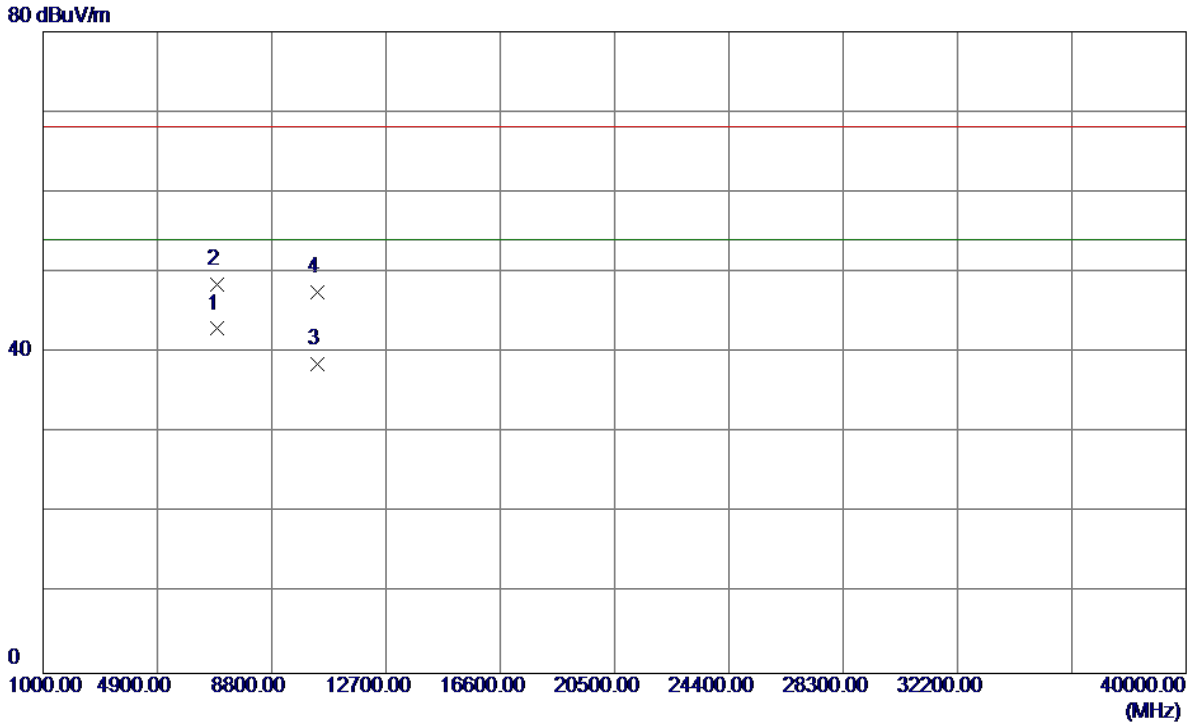
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	15.10	40.62	55.72	68.20	-12.48	Peak	
2	5150.0000	4.29	40.62	44.91	54.00	-9.09	AVG	
3 *	5188.3000	47.96	40.75	88.71	54.00	34.71	AVG	No Limit
4	5189.0000	57.21	40.75	97.96	68.20	29.76	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5190MHz

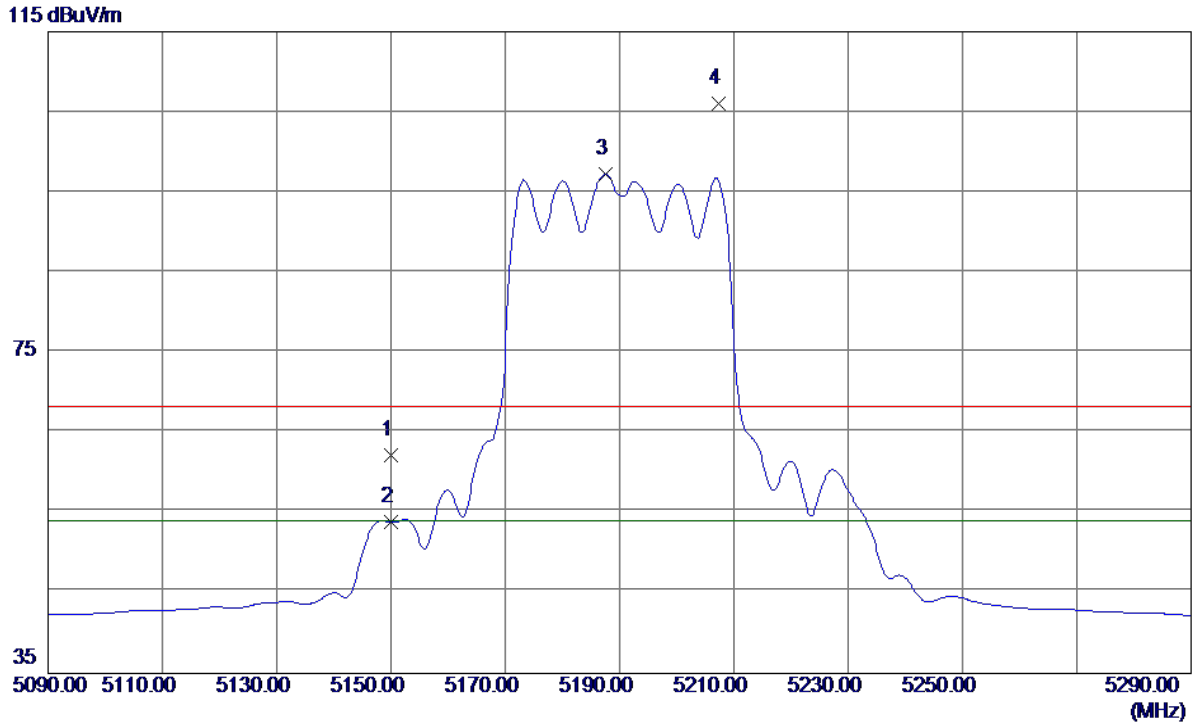
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6919.8400	32.19	10.77	42.96	54.00	-11.04	AVG	
2	6920.2300	37.69	10.77	48.46	68.20	-19.74	Peak	
3	10379.1900	23.60	15.01	38.61	54.00	-15.39	AVG	
4	10380.4900	32.56	15.01	47.57	68.20	-20.63	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5190MHz

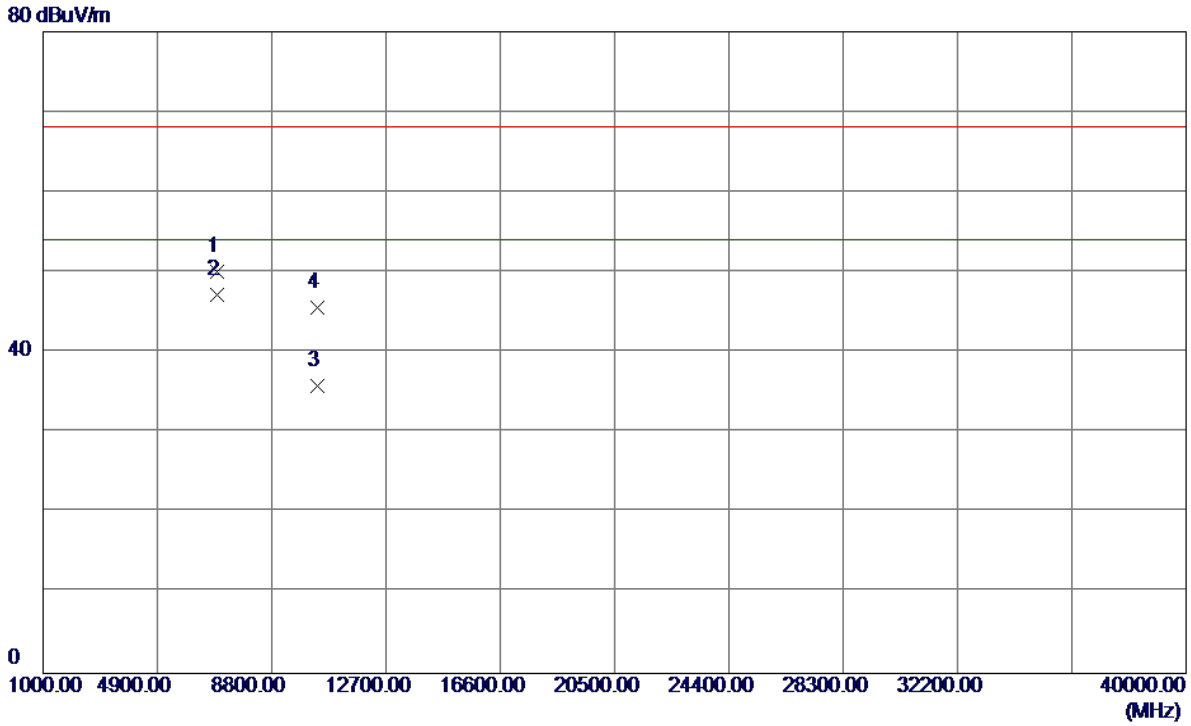
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.60	40.62	62.22	68.20	-5.98	Peak	
2	5150.0000	13.23	40.62	53.85	54.00	-0.15	AVG	
3 *	5187.6000	56.49	40.75	97.24	54.00	43.24	AVG	No Limit
4	5207.4000	65.28	40.81	106.09	68.20	37.89	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5190MHz

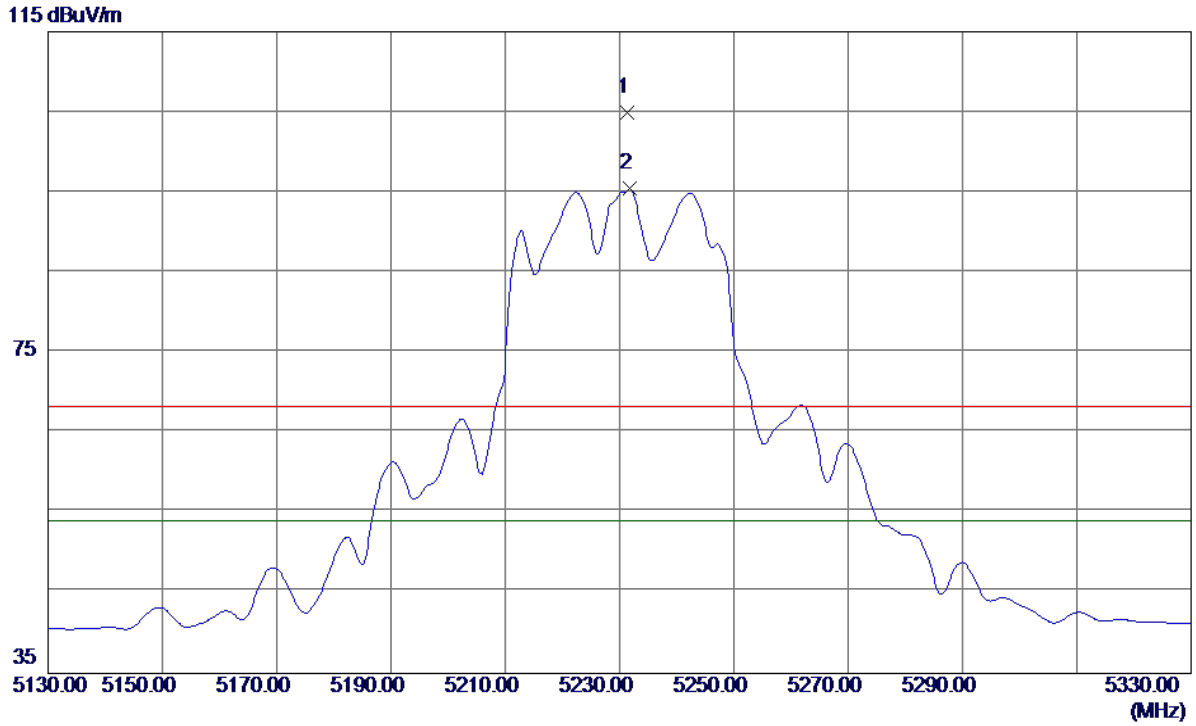
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6920.9020	39.39	10.77	50.16	68.20	-18.04	Peak	
2 *	6920.9140	36.41	10.77	47.18	54.00	-6.82	AVG	
3	10380.9100	20.85	15.01	35.86	54.00	-18.14	AVG	
4	10380.3200	30.54	15.01	45.55	68.20	-22.65	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5230MHz

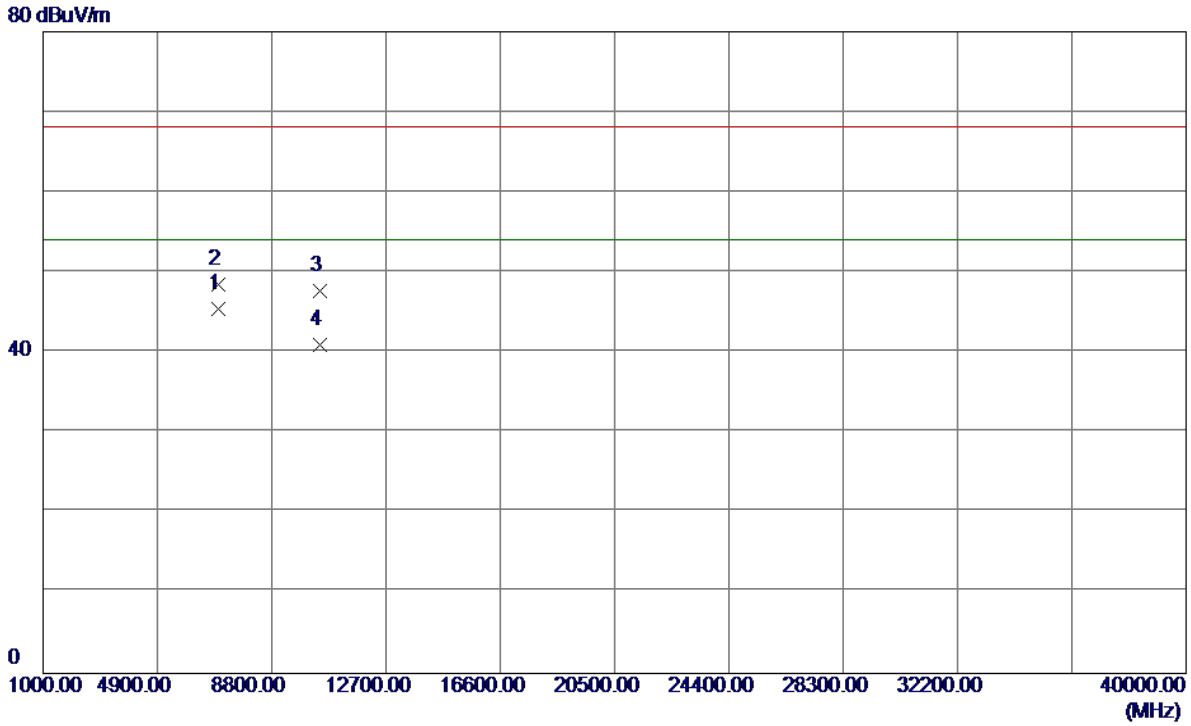
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5231.4000	63.98	40.89	104.87	68.20	36.67	Peak	No Limit
2 *	5231.7000	54.63	40.89	95.52	54.00	41.52	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5230MHz

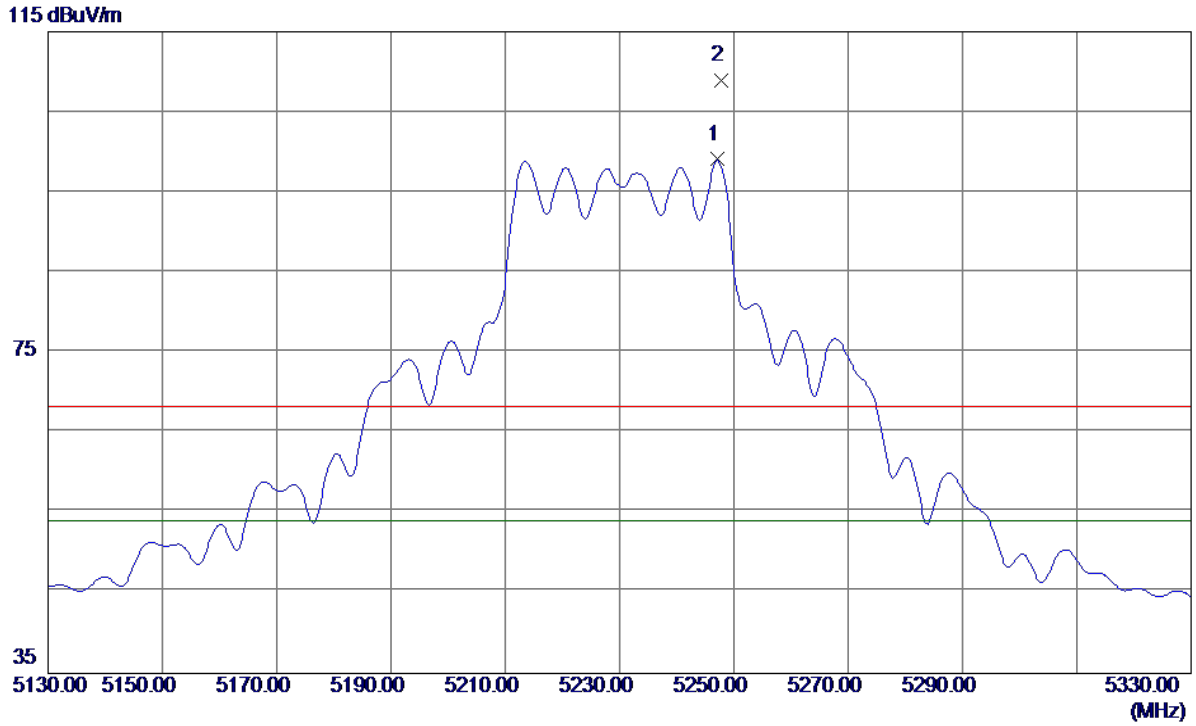
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6973.2750	34.69	10.76	45.45	54.00	-8.55	AVG	
2	6973.3100	37.73	10.76	48.49	68.20	-19.71	Peak	
3	10459.7900	32.46	15.20	47.66	68.20	-20.54	Peak	
4	10460.4000	25.83	15.20	41.03	54.00	-12.97	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5230MHz

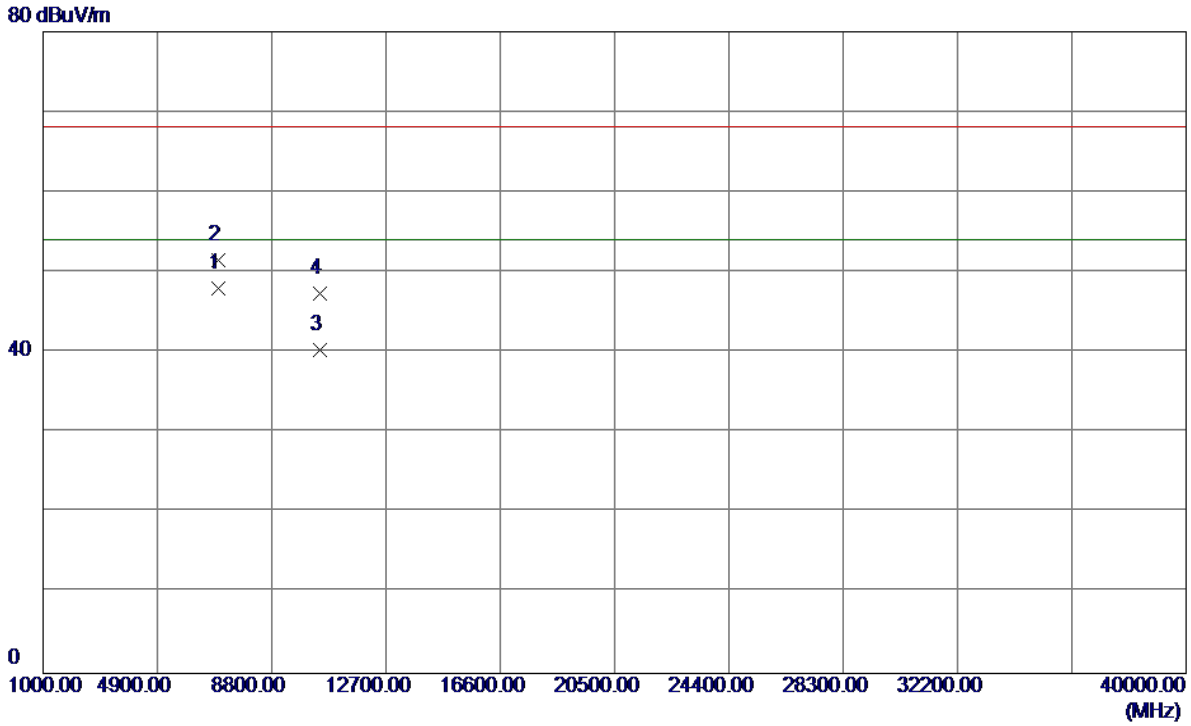
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5247.1000	58.13	40.95	99.08	54.00	45.08	AVG	No Limit
2	5247.7000	68.01	40.95	108.96	68.20	40.76	Peak	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(40 MHz) Mode 5230MHz

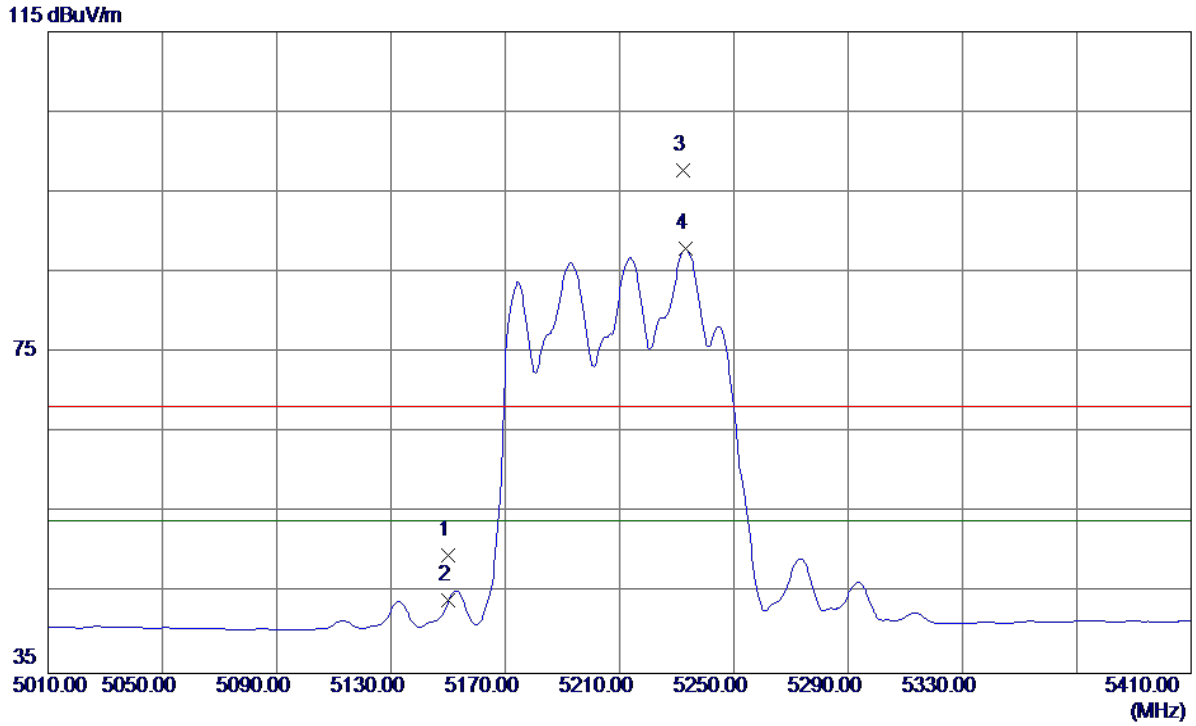
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6973.5300	37.17	10.76	47.93	54.00	-6.07	AVG	
2	6973.4210	40.78	10.76	51.54	68.20	-16.66	Peak	
3	10460.8200	25.05	15.20	40.25	54.00	-13.75	AVG	
4	10460.3600	32.16	15.20	47.36	68.20	-20.84	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(80 MHz) Mode 5210MHz

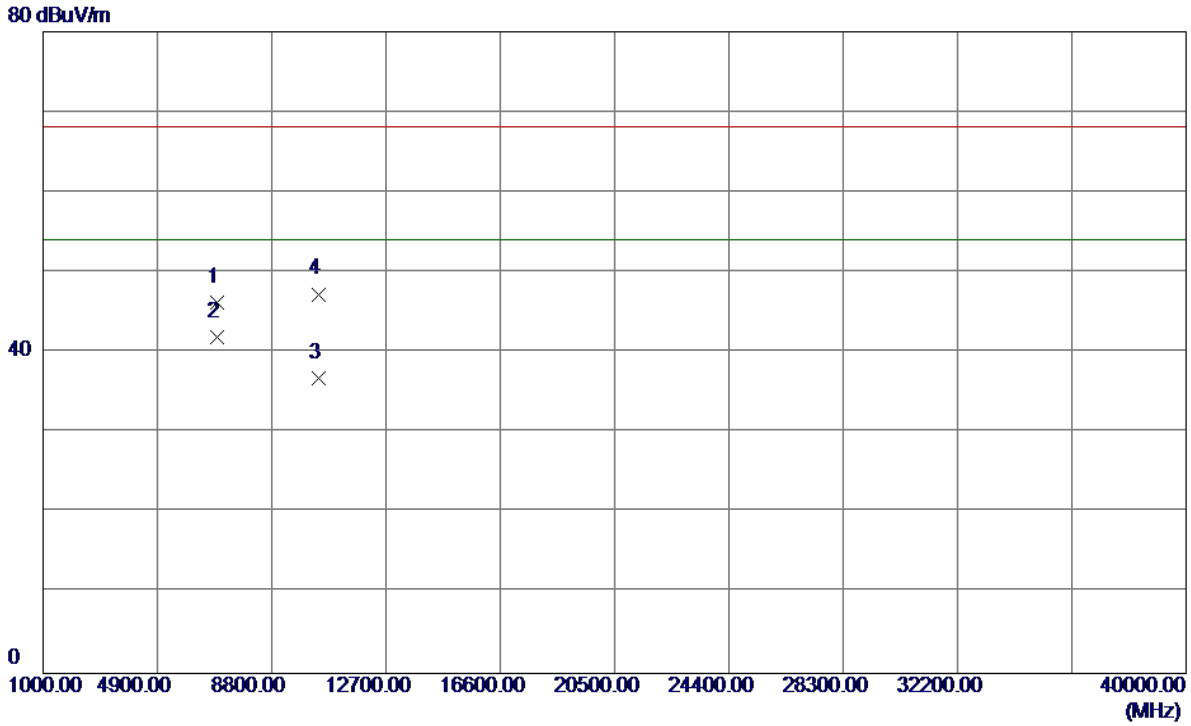
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	9.04	40.62	49.66	68.20	-18.54	Peak	
2	5150.0000	3.53	40.62	44.15	54.00	-9.85	AVG	
3	5232.4000	56.79	40.90	97.69	68.20	29.49	Peak	No Limit
4 *	5233.0000	47.00	40.90	87.90	54.00	33.90	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(80 MHz) Mode 5210MHz

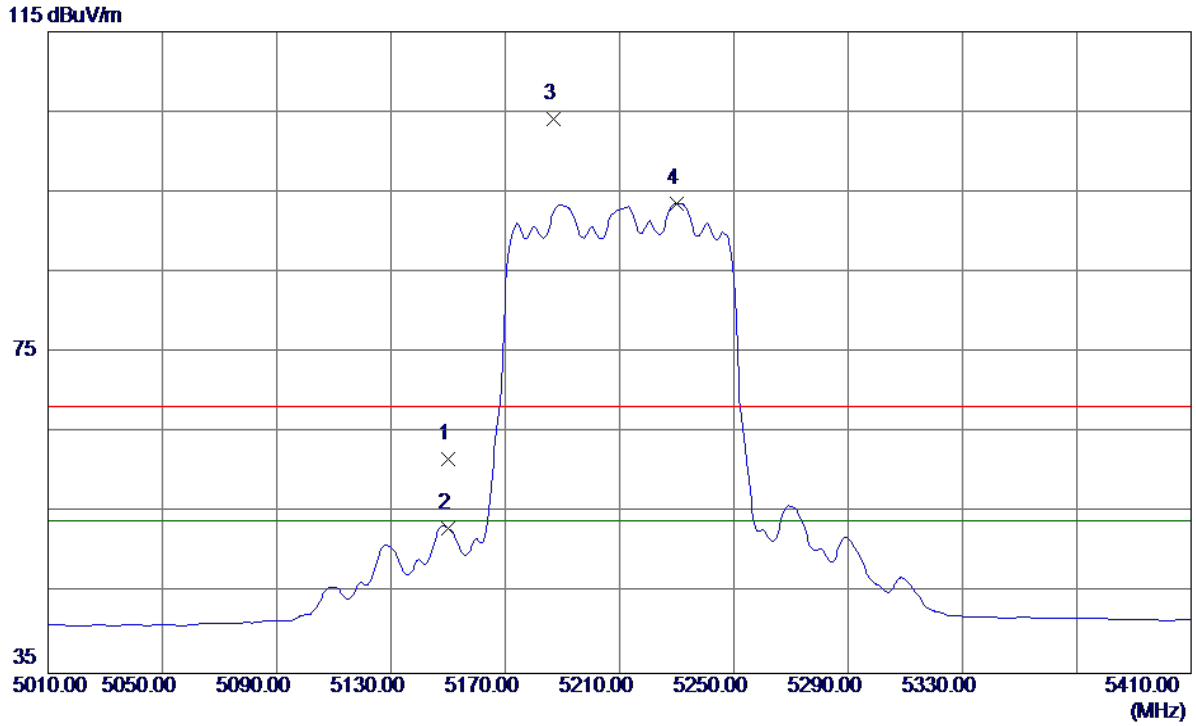
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	6946.5800	35.49	10.77	46.26	68.20	-21.94	Peak	
2 *	6946.6100	31.16	10.77	41.93	54.00	-12.07	AVG	
3	10420.7900	21.72	15.10	36.82	54.00	-17.18	AVG	
4	10420.2100	32.18	15.10	47.28	68.20	-20.92	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(80 MHz) Mode 5210MHz

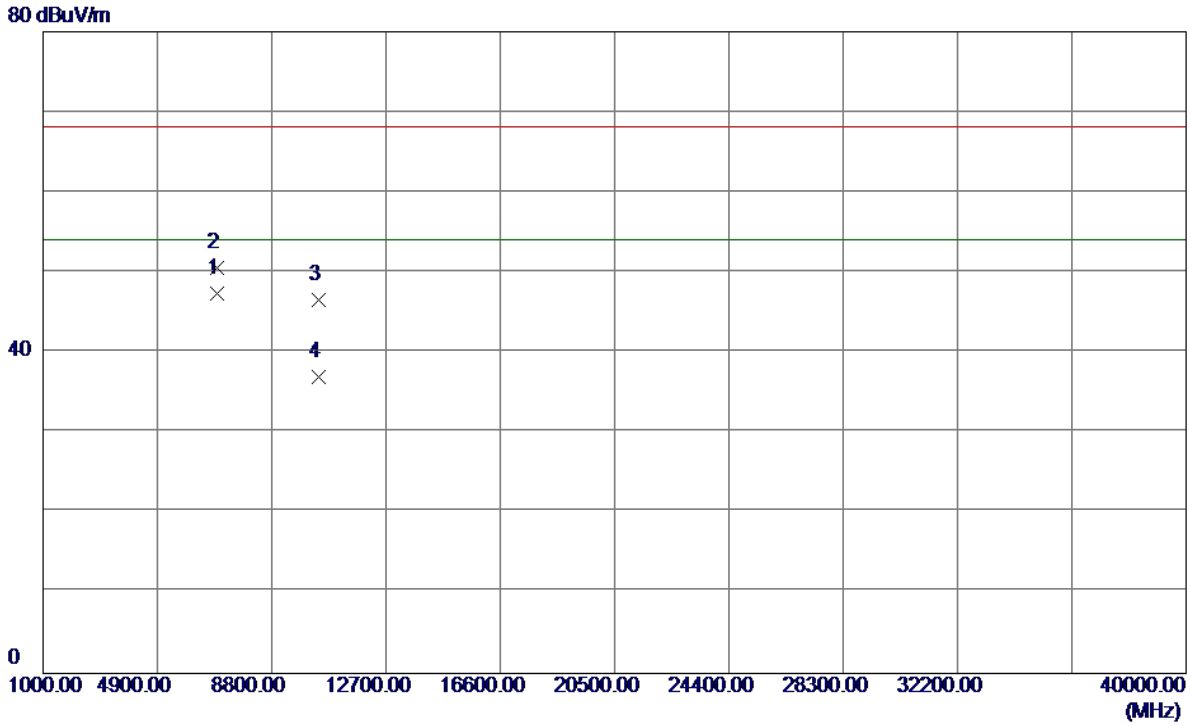
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	21.06	40.62	61.68	68.20	-6.52	Peak	
2	5150.0000	12.49	40.62	53.11	54.00	-0.89	AVG	
3	5186.8000	63.38	40.75	104.13	68.20	35.93	Peak	No Limit
4 *	5230.2000	52.68	40.89	93.57	54.00	39.57	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC Wave2(80 MHz) Mode 5210MHz

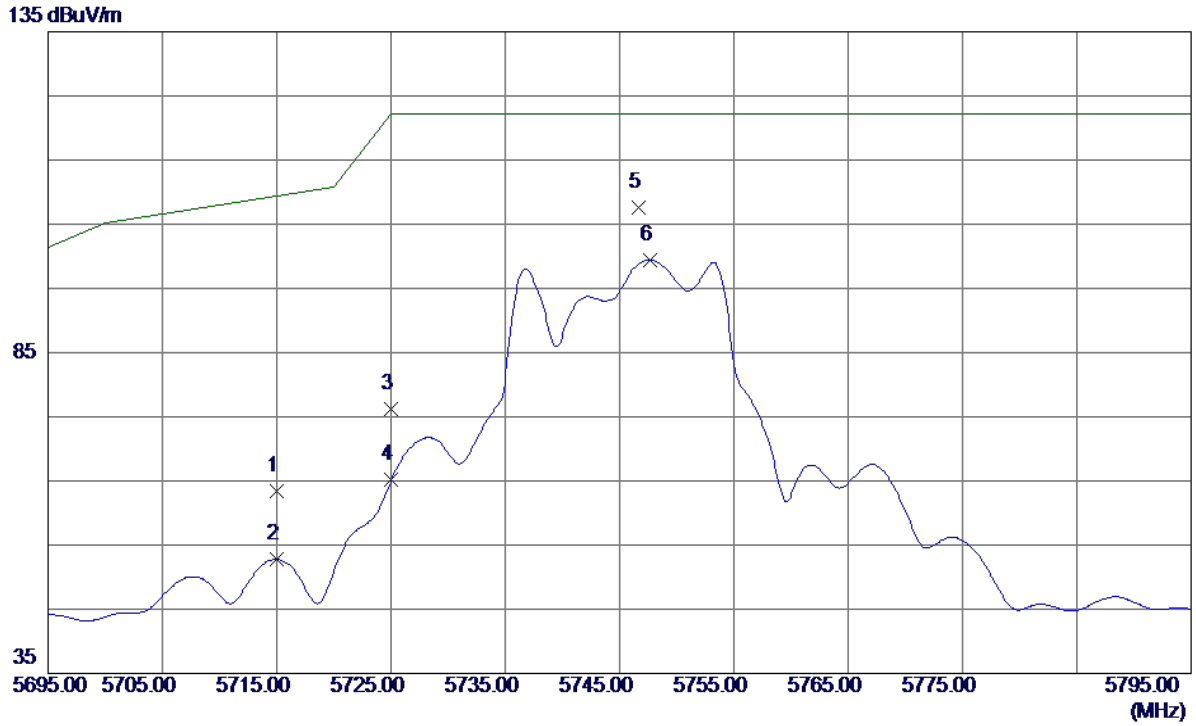
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	6946.5440	36.55	10.77	47.32	54.00	-6.68	AVG	
2	6946.7430	39.76	10.77	50.53	68.20	-17.67	Peak	
3	10419.8200	31.49	15.10	46.59	68.20	-21.61	Peak	
4	10420.1800	21.90	15.10	37.00	54.00	-17.00	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5745MHz

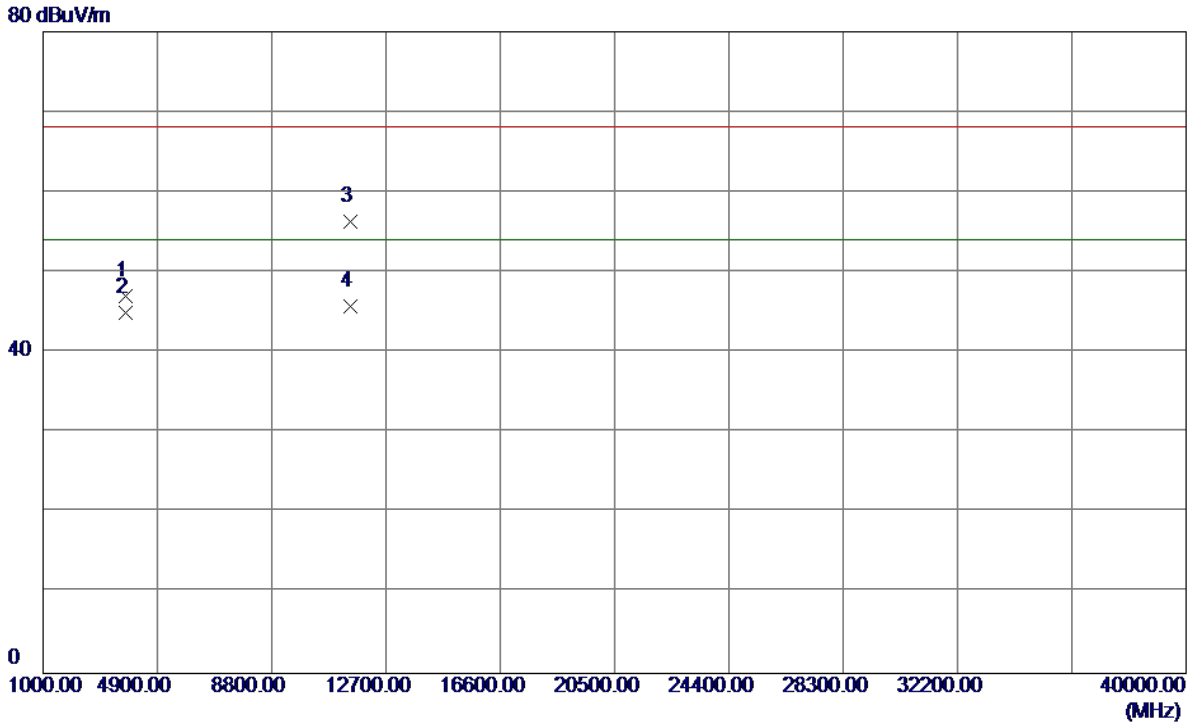
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	20.86	42.55	63.41	109.40	-45.99	Peak	
2	5715.0000	10.20	42.55	52.75	109.40	-56.65	AVG	
3	5725.0000	33.65	42.58	76.23	122.20	-45.97	Peak	
4	5725.0000	22.69	42.58	65.27	122.20	-56.93	AVG	
5 *	5746.7000	64.90	42.66	107.56	122.20	-14.64	Peak	
6	5747.6500	56.79	42.66	99.45	122.20	-22.75	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5745MHz

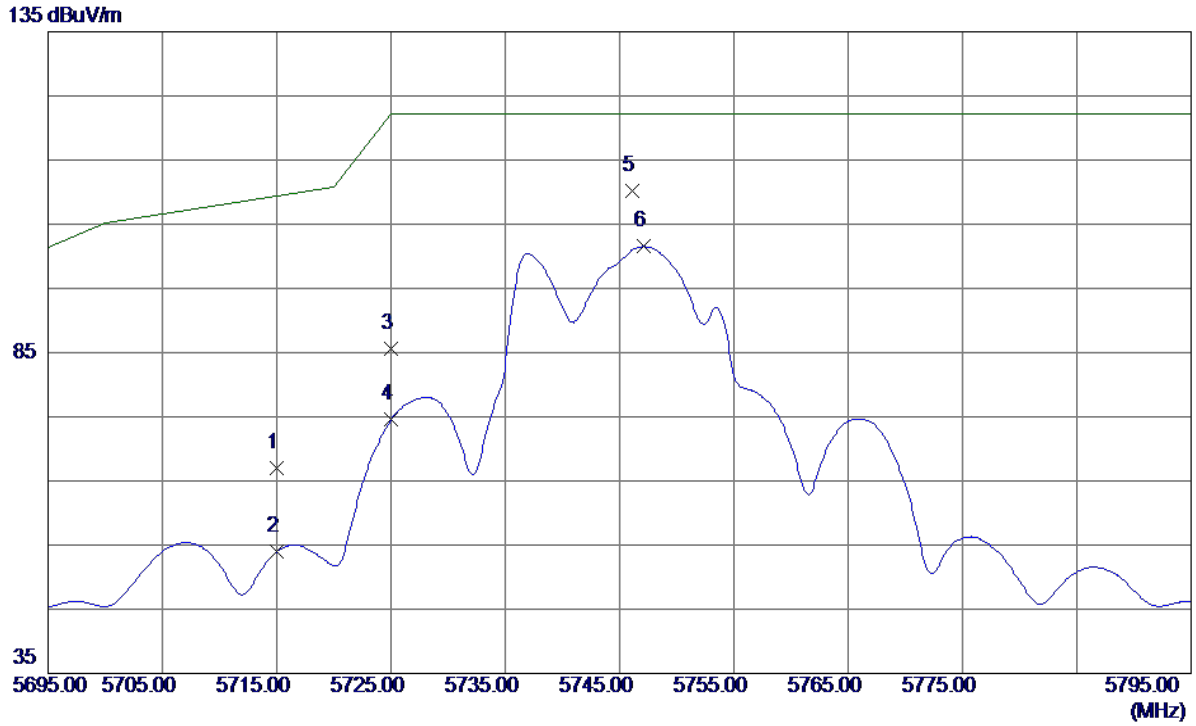
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3829.9100	44.70	2.39	47.09	68.20	-21.11	Peak	
2	3829.9700	42.60	2.39	44.99	54.00	-9.01	AVG	
3	11480.8000	40.79	15.50	56.29	68.20	-11.91	Peak	
4 *	11488.5000	30.26	15.49	45.75	54.00	-8.25	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5745MHz

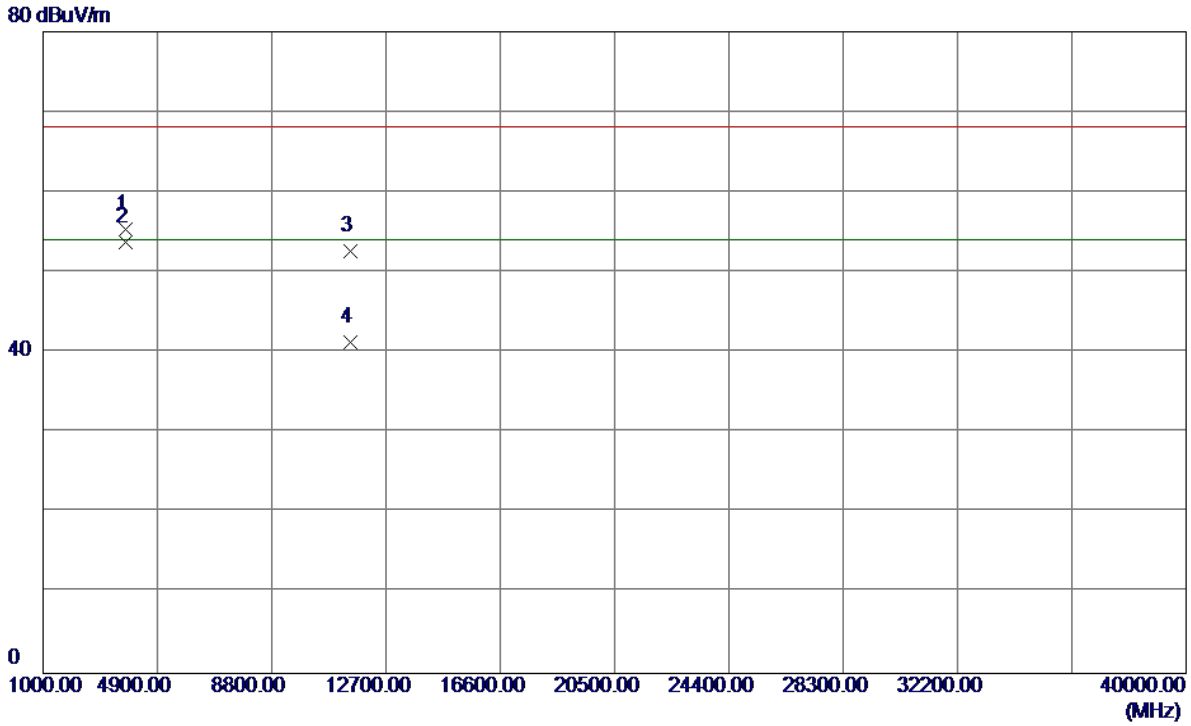
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	24.41	42.55	66.96	109.40	-42.44	Peak	
2	5715.0000	11.47	42.55	54.02	109.40	-55.38	AVG	
3	5725.0000	43.10	42.58	85.68	122.20	-36.52	Peak	
4	5725.0000	32.08	42.58	74.66	122.20	-47.54	AVG	
5 *	5746.1500	67.51	42.66	110.17	122.20	-12.03	Peak	
6	5747.1000	58.86	42.66	101.52	122.20	-20.68	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5745MHz

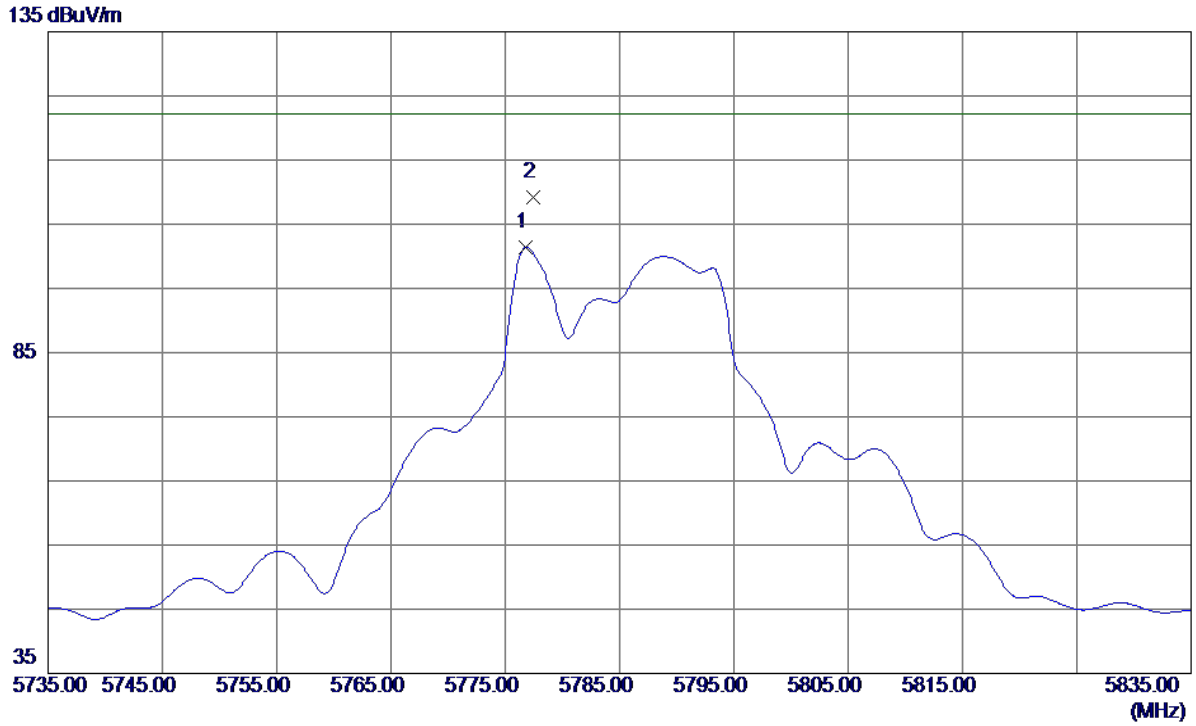
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3829.9250	52.97	2.39	55.36	68.20	-12.84	Peak	
2 *	3829.9750	51.43	2.39	53.82	54.00	-0.18	AVG	
3	11487.6500	37.09	15.49	52.58	68.20	-15.62	Peak	
4	11489.2500	25.79	15.49	41.28	54.00	-12.72	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5785MHz

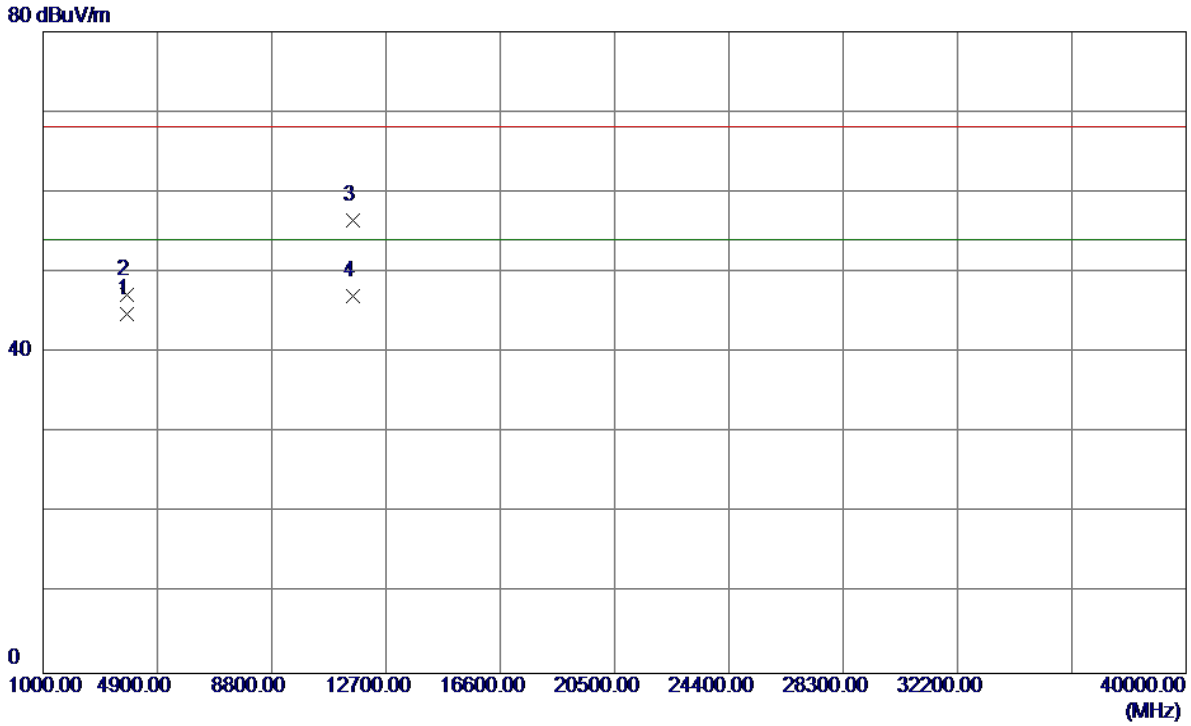
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5776.8000	58.67	42.77	101.44	122.20	-20.76	AVG	
2 *	5777.4000	66.47	42.77	109.24	122.20	-12.96	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5785MHz

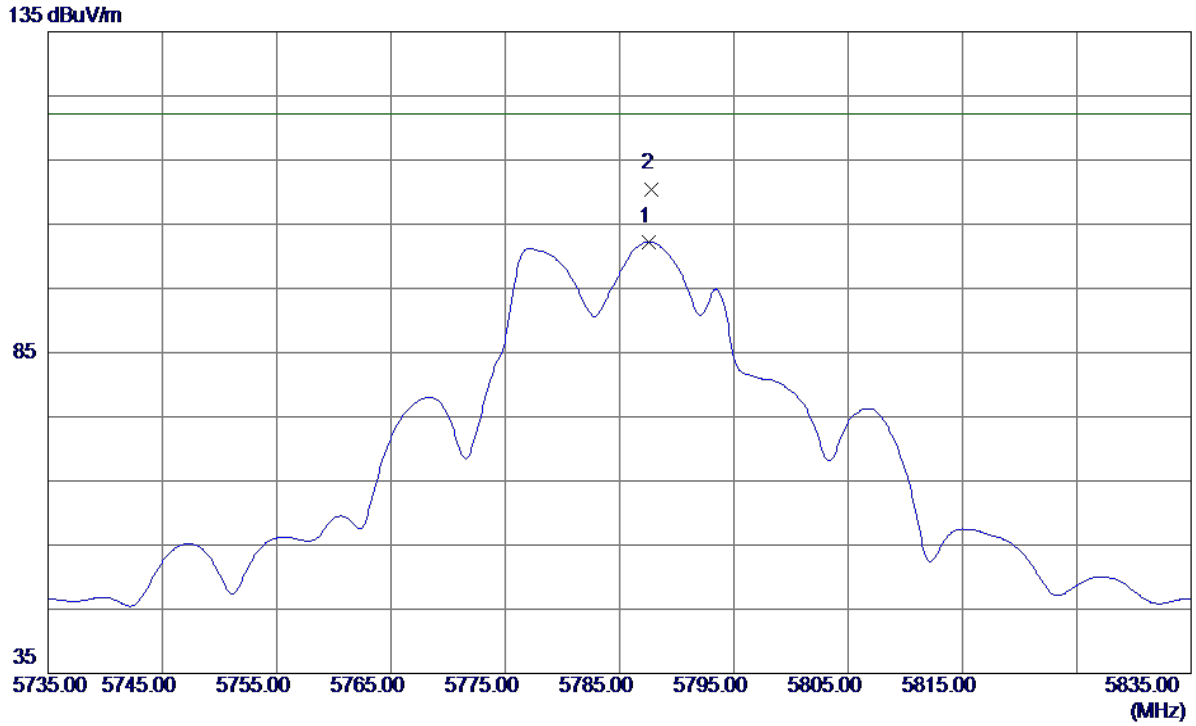
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3856.6330	42.37	2.48	44.85	54.00	-9.15	AVG	
2	3856.6400	44.68	2.48	47.16	68.20	-21.04	Peak	
3	11560.4000	40.94	15.48	56.42	68.20	-11.78	Peak	
4 *	11561.3000	31.59	15.48	47.07	54.00	-6.93	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5785MHz

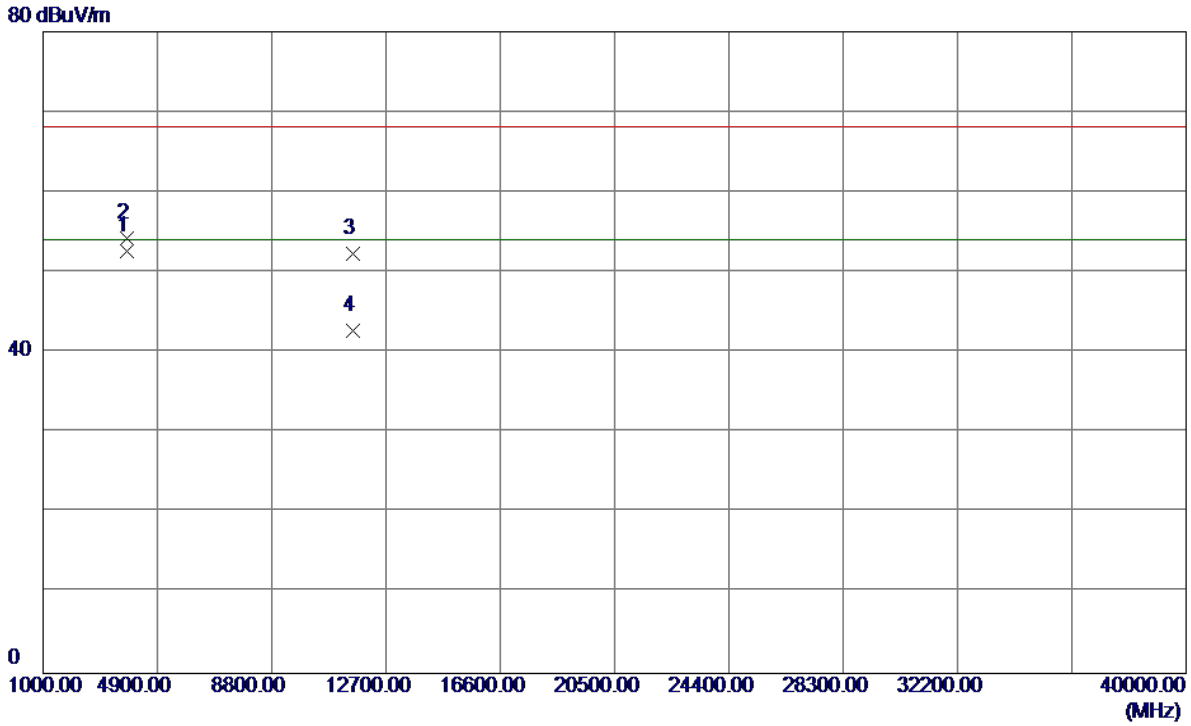
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5787.6000	59.44	42.80	102.24	122.20	-19.96	AVG	
2 *	5787.8000	67.70	42.80	110.50	122.20	-11.70	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5785MHz

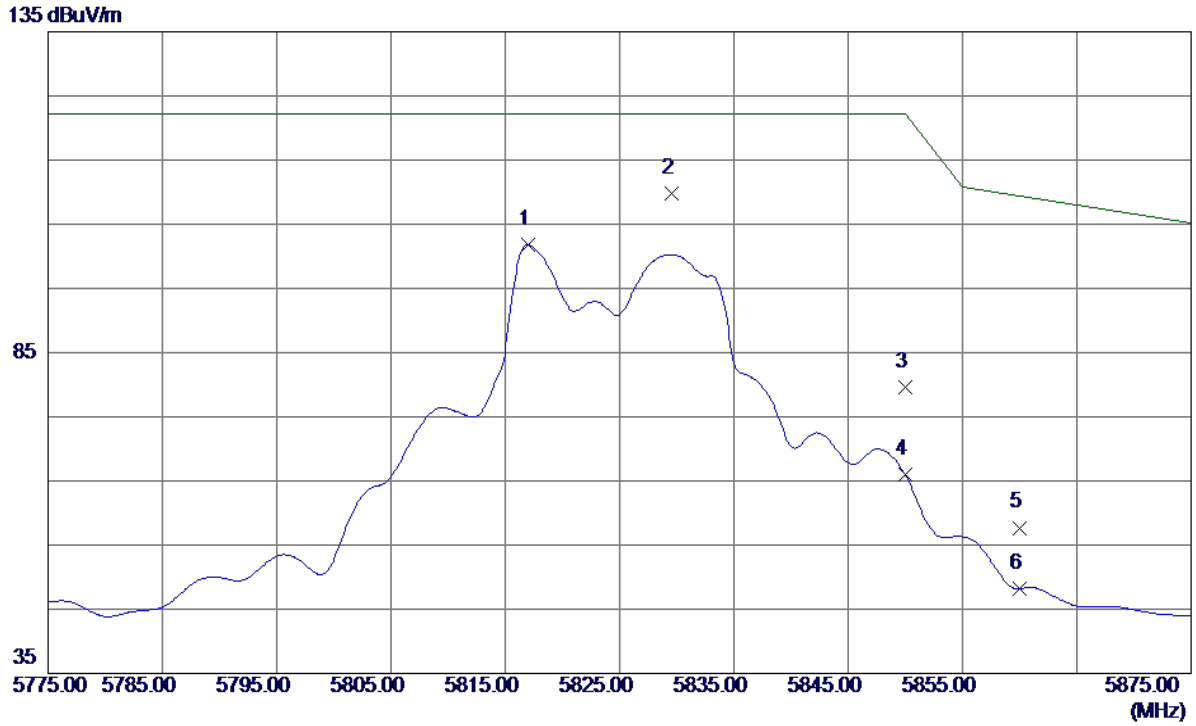
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3856.3020	50.14	2.48	52.62	54.00	-1.38	AVG	
2	3856.3600	51.83	2.48	54.31	68.20	-13.89	Peak	
3	11567.4500	36.77	15.48	52.25	68.20	-15.95	Peak	
4	11568.2500	27.25	15.48	42.73	54.00	-11.27	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5825MHz

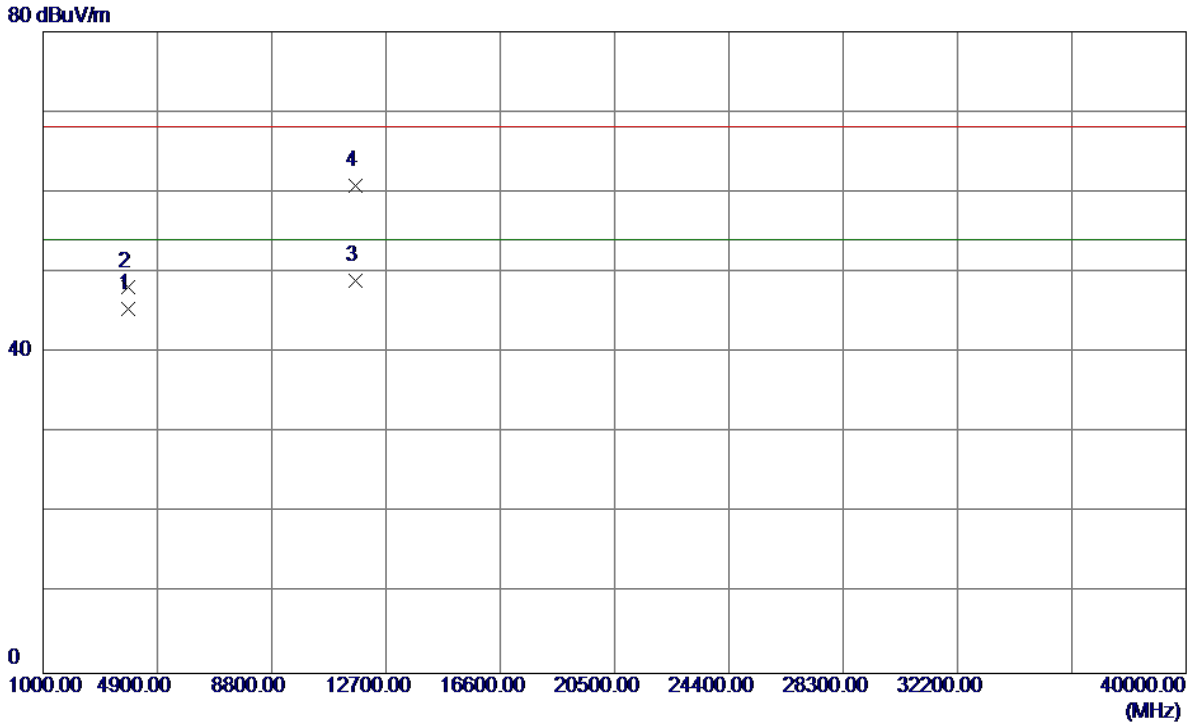
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5816.9500	58.88	42.91	101.79	122.20	-20.41	AVG	
2 *	5829.6000	66.88	42.95	109.83	122.20	-12.37	Peak	
3	5850.0000	36.52	43.03	79.55	122.20	-42.65	Peak	
4	5850.0000	22.95	43.03	65.98	122.20	-56.22	AVG	
5	5860.0000	14.64	43.06	57.70	109.40	-51.70	Peak	
6	5860.0000	5.15	43.06	48.21	109.40	-61.19	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5825MHz

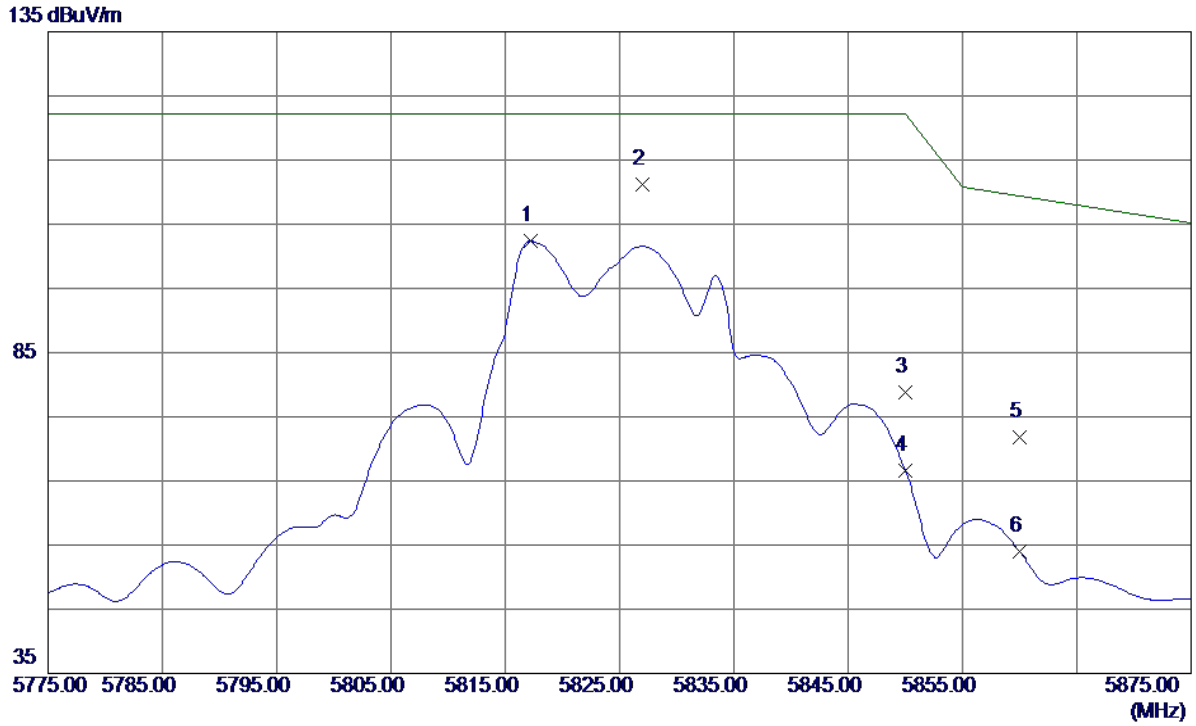
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3883.3020	42.92	2.57	45.49	54.00	-8.51	AVG	
2	3883.3270	45.52	2.57	48.09	68.20	-20.11	Peak	
3 *	11642.2000	33.41	15.48	48.89	54.00	-5.11	AVG	
4	11642.4000	45.34	15.48	60.82	68.20	-7.38	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5825MHz

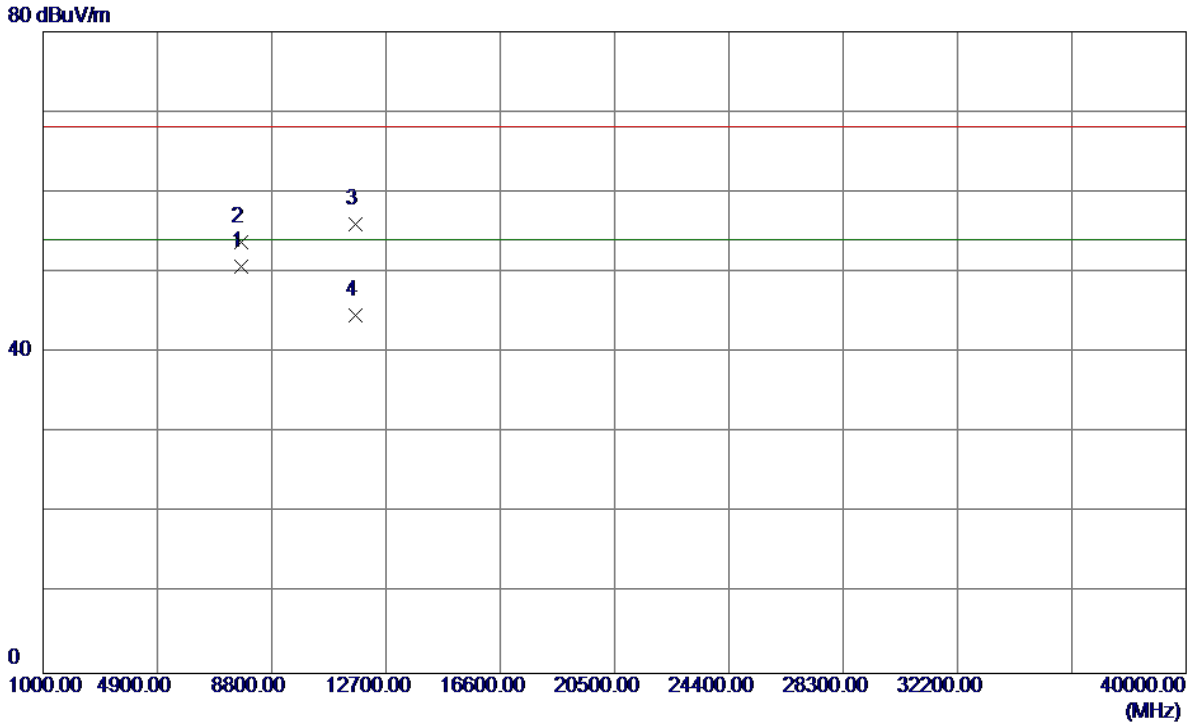
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5817.2500	59.44	42.91	102.35	122.20	-19.85	AVG	
2 *	5827.0000	68.21	42.94	111.15	122.20	-11.05	Peak	
3	5850.0000	35.79	43.03	78.82	122.20	-43.38	Peak	
4	5850.0000	23.65	43.03	66.68	122.20	-55.52	AVG	
5	5860.0000	28.65	43.06	71.71	109.40	-37.69	Peak	
6	5860.0000	10.98	43.06	54.04	109.40	-55.36	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(20 MHz) Mode 5825MHz

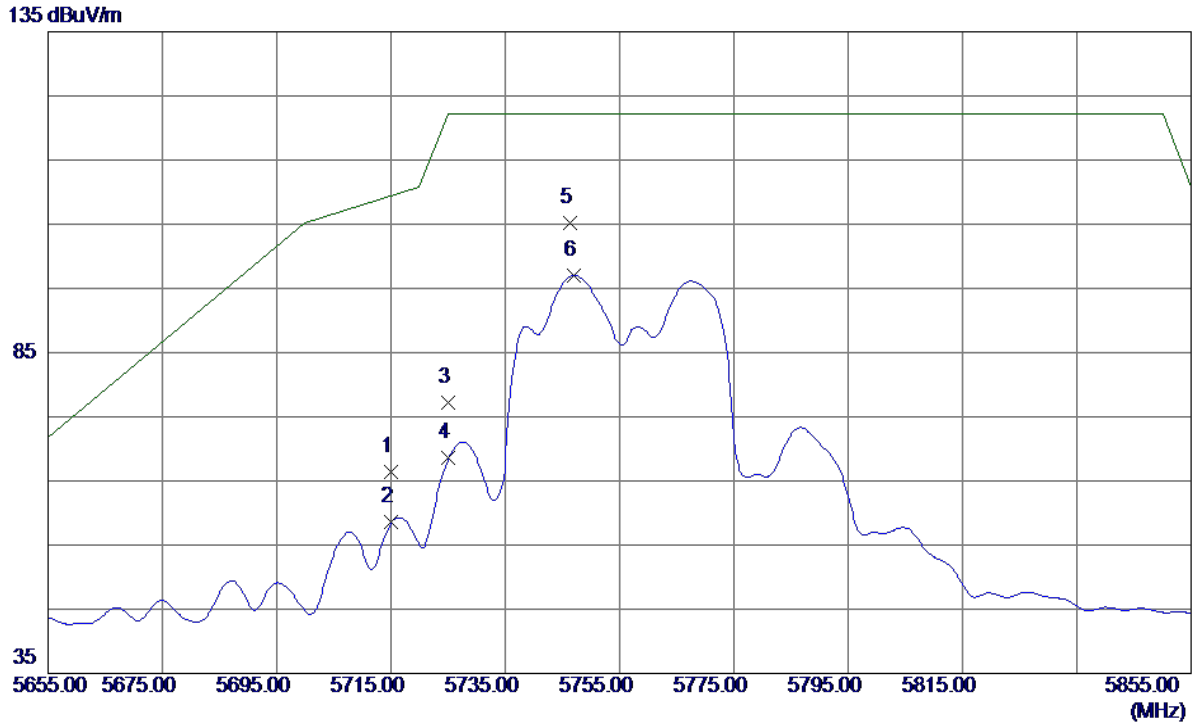
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	7766.6480	38.92	11.73	50.65	54.00	-3.35	AVG	
2	7766.6950	42.10	11.73	53.83	68.20	-14.37	Peak	
3	11645.4500	40.49	15.48	55.97	68.20	-12.23	Peak	
4	11646.5500	29.20	15.48	44.68	54.00	-9.32	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5755MHz

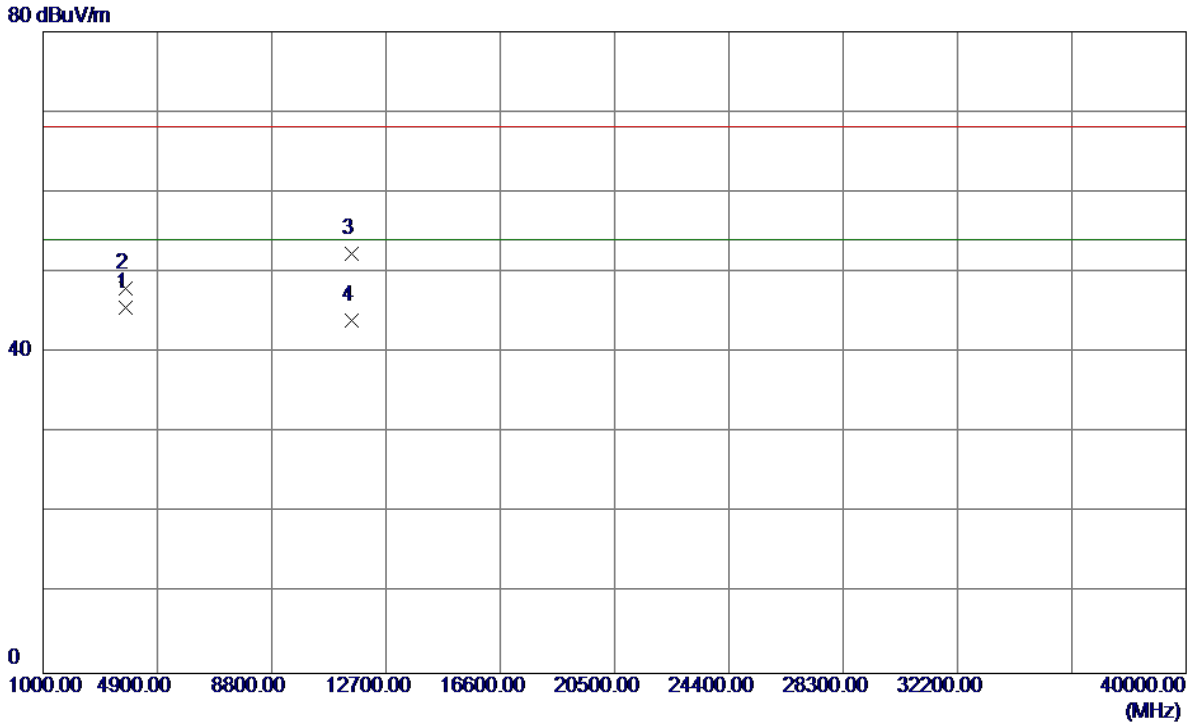
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	23.76	42.55	66.31	109.40	-43.09	Peak	
2	5715.0000	16.04	42.55	58.59	109.40	-50.81	AVG	
3	5725.0000	34.63	42.58	77.21	122.20	-44.99	Peak	
4	5725.0000	25.98	42.58	68.56	122.20	-53.64	AVG	
5 *	5746.4000	62.60	42.66	105.26	122.20	-16.94	Peak	
6	5747.1000	54.36	42.66	97.02	122.20	-25.18	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5755MHz

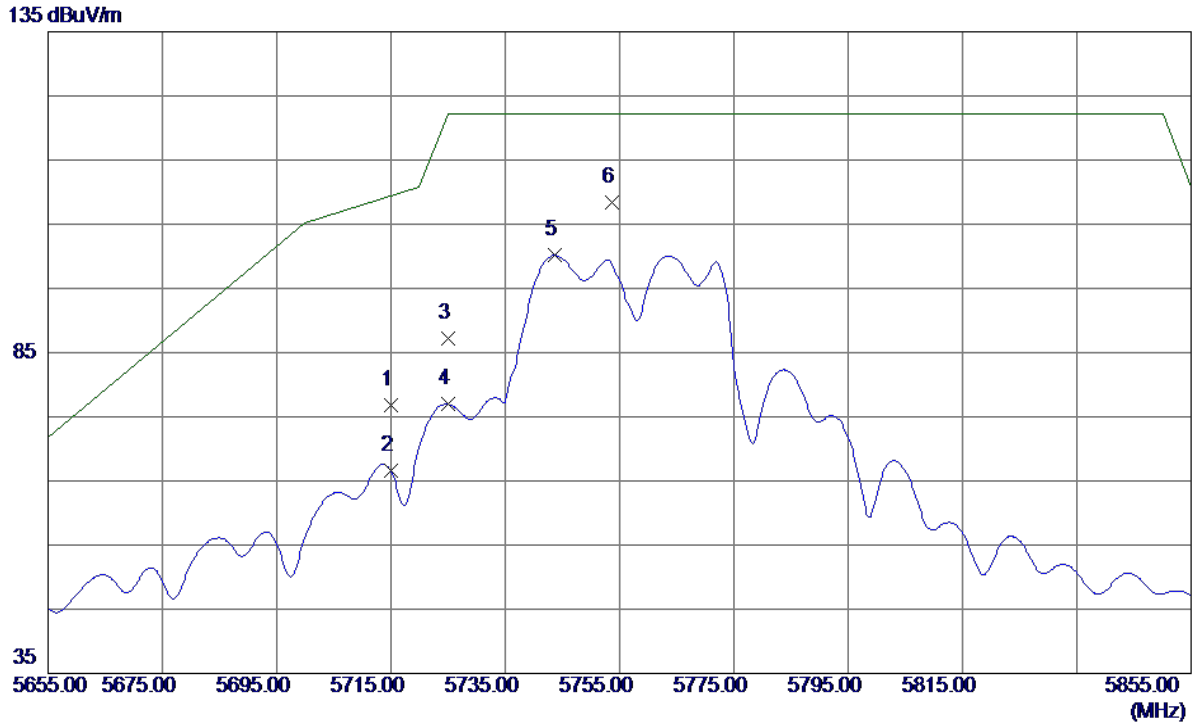
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3836.6700	43.18	2.42	45.60	54.00	-8.40	AVG	
2	3836.6930	45.59	2.42	48.01	68.20	-20.19	Peak	
3	11508.8000	36.77	15.48	52.25	68.20	-15.95	Peak	
4	11509.2000	28.58	15.48	44.06	54.00	-9.94	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5755MHz

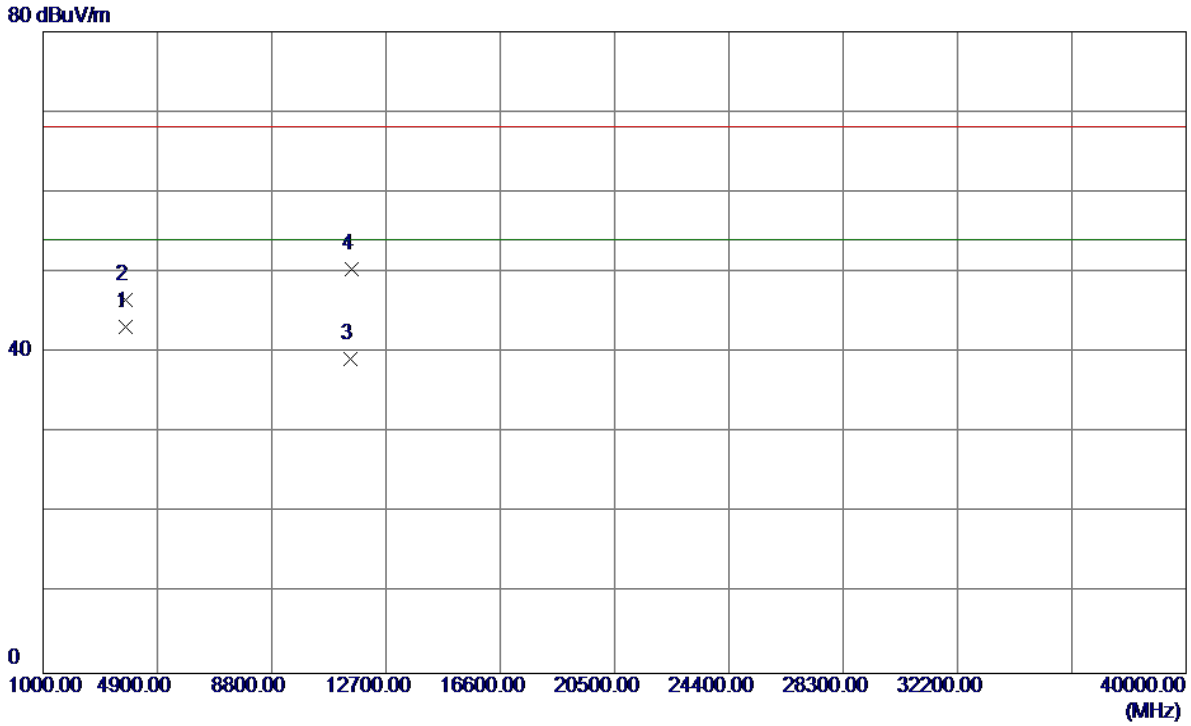
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	34.18	42.55	76.73	109.40	-32.67	Peak	
2	5715.0000	24.05	42.55	66.60	109.40	-42.80	AVG	
3	5725.0000	44.66	42.58	87.24	122.20	-34.96	Peak	
4	5725.0000	34.37	42.58	76.95	122.20	-45.25	AVG	
5	5743.6000	57.50	42.65	100.15	122.20	-22.05	AVG	
6 *	5753.7000	65.77	42.68	108.45	122.20	-13.75	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5755MHz

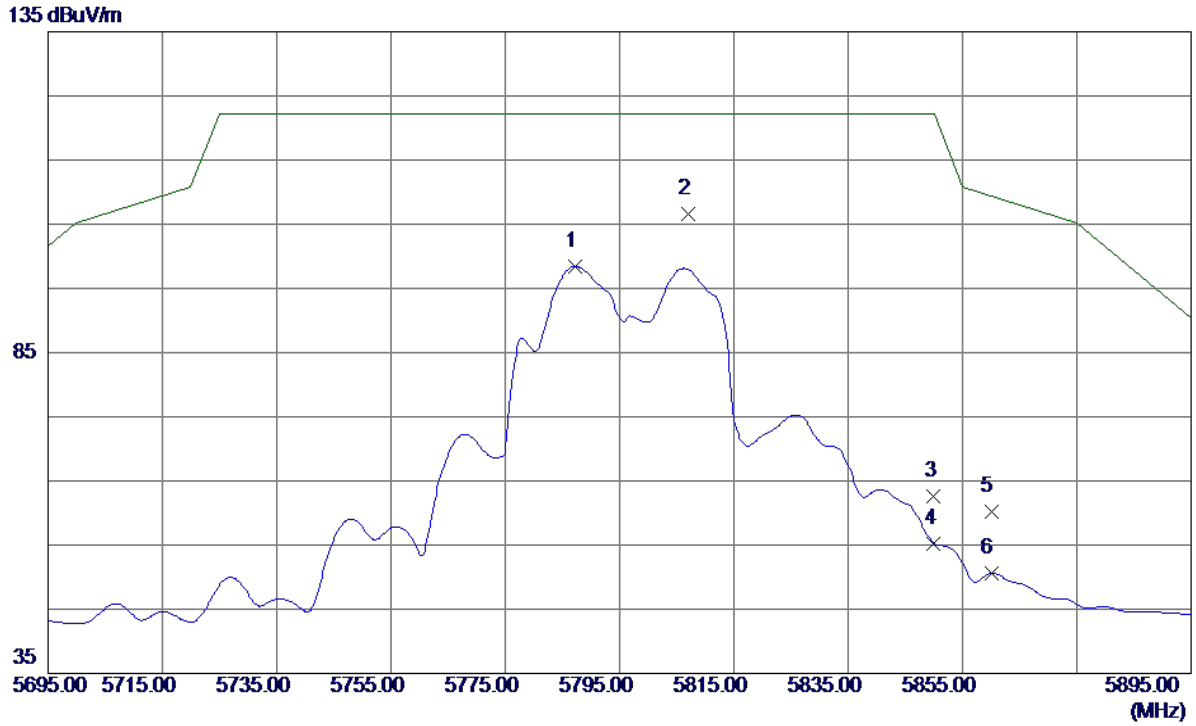
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3836.6370	40.76	2.42	43.18	54.00	-10.82	AVG	
2	3836.7050	44.15	2.42	46.57	68.20	-21.63	Peak	
3	11506.2500	23.73	15.48	39.21	54.00	-14.79	AVG	
4	11518.0000	34.95	15.48	50.43	68.20	-17.77	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5795MHz

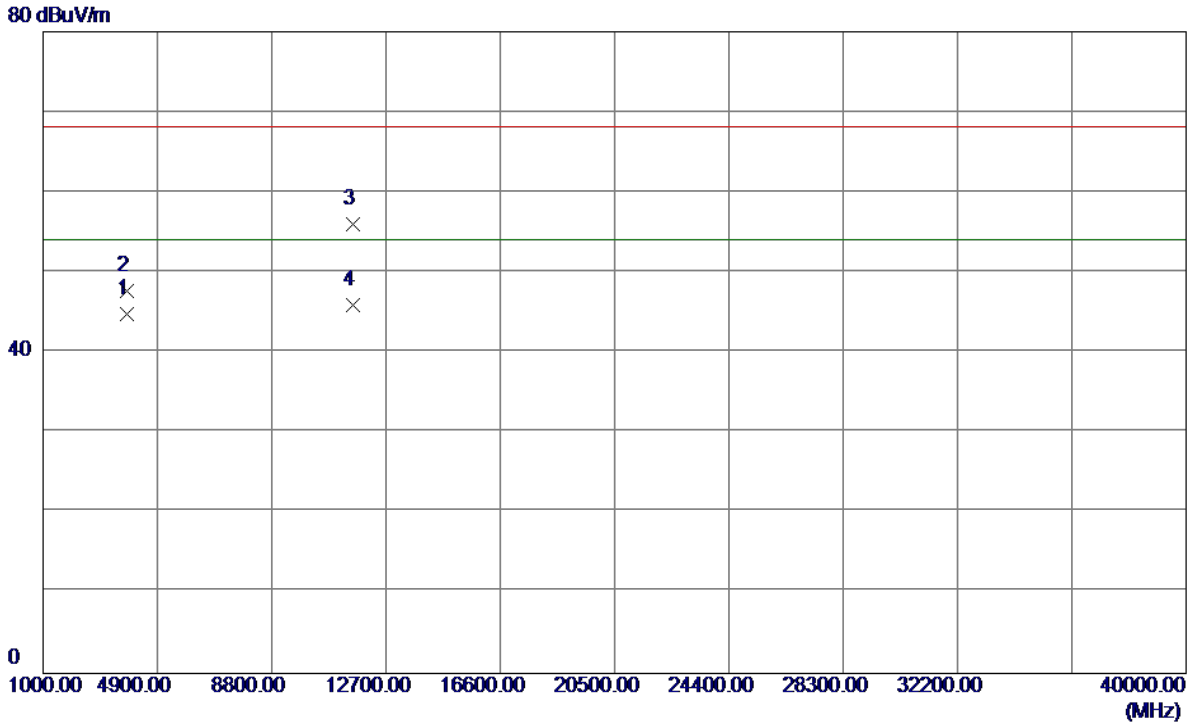
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5787.3000	55.64	42.80	98.44	122.20	-23.76	AVG	
2 *	5807.1000	63.64	42.87	106.51	122.20	-15.69	Peak	
3	5850.0000	19.49	43.03	62.52	122.20	-59.68	Peak	
4	5850.0000	12.17	43.03	55.20	122.20	-67.00	AVG	
5	5860.0000	17.08	43.06	60.14	109.40	-49.26	Peak	
6	5860.0000	7.52	43.06	50.58	109.40	-58.82	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5795MHz

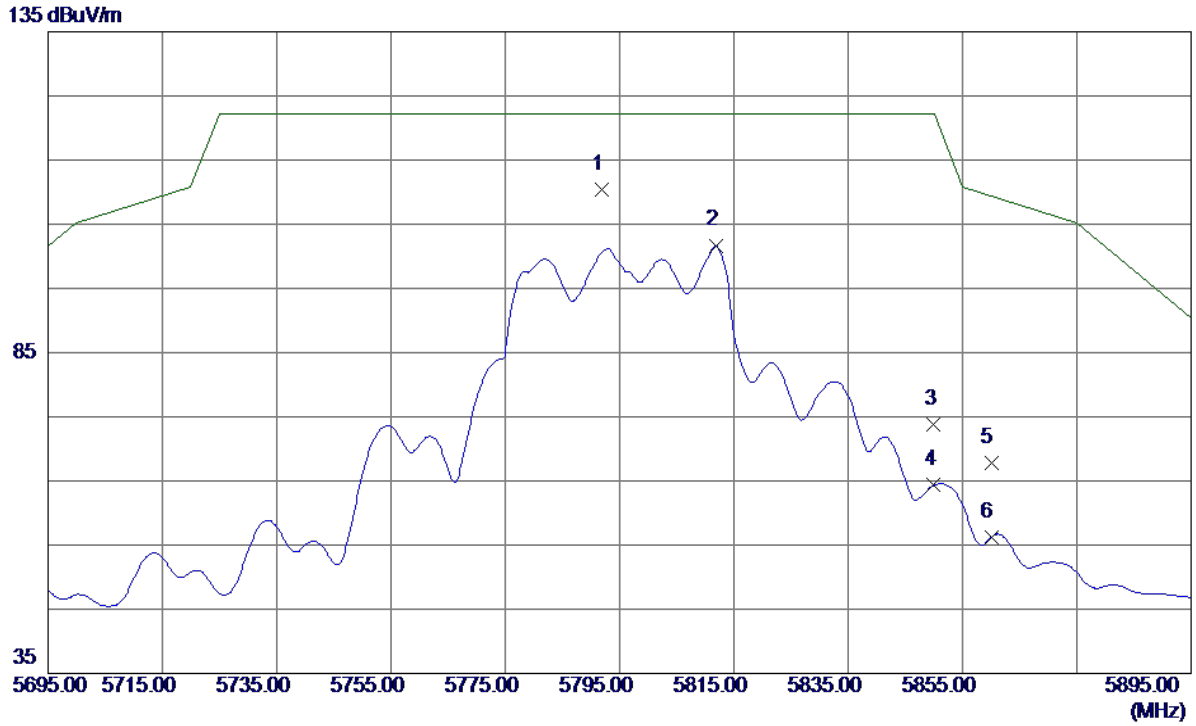
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3863.2980	42.24	2.50	44.74	54.00	-9.26	AVG	
2	3863.3750	45.16	2.50	47.66	68.20	-20.54	Peak	
3	11581.8500	40.53	15.48	56.01	68.20	-12.19	Peak	
4 *	11581.9500	30.42	15.48	45.90	54.00	-8.10	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5795MHz

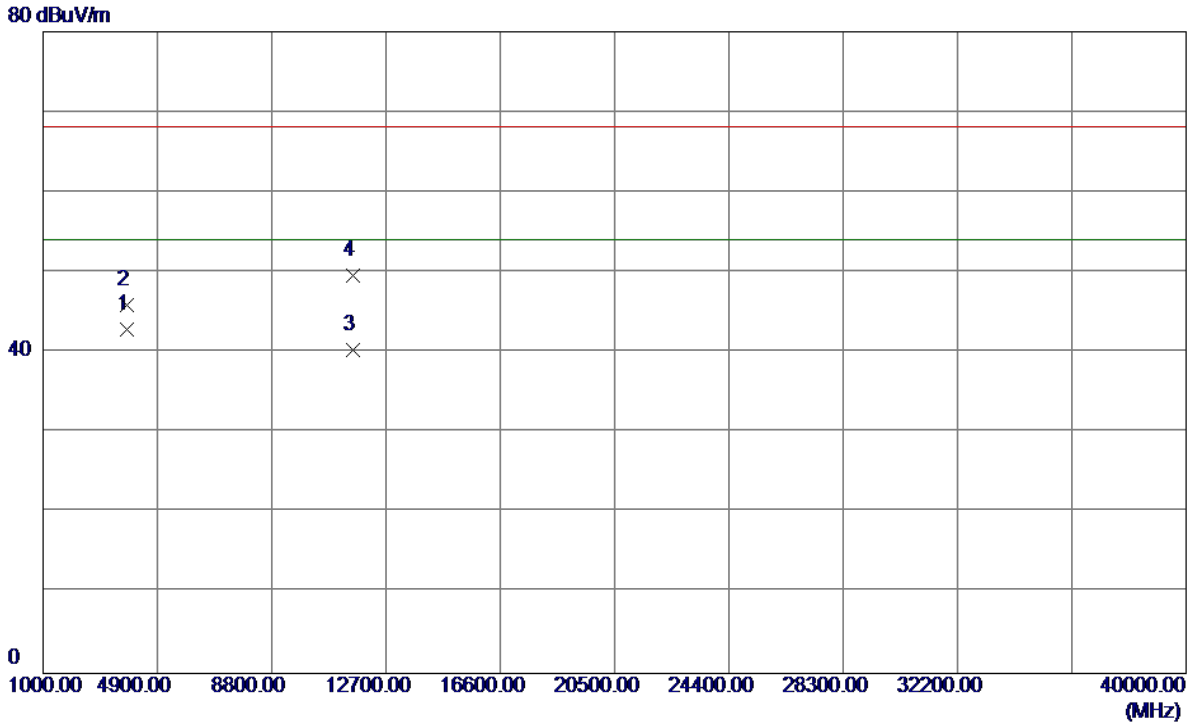
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5791.9000	67.53	42.82	110.35	122.20	-11.85	Peak	
2	5811.9000	58.81	42.89	101.70	122.20	-20.50	AVG	
3	5850.0000	30.85	43.03	73.88	122.20	-48.32	Peak	
4	5850.0000	21.31	43.03	64.34	122.20	-57.86	AVG	
5	5860.0000	24.66	43.06	67.72	109.40	-41.68	Peak	
6	5860.0000	13.22	43.06	56.28	109.40	-53.12	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(40 MHz) Mode 5795MHz

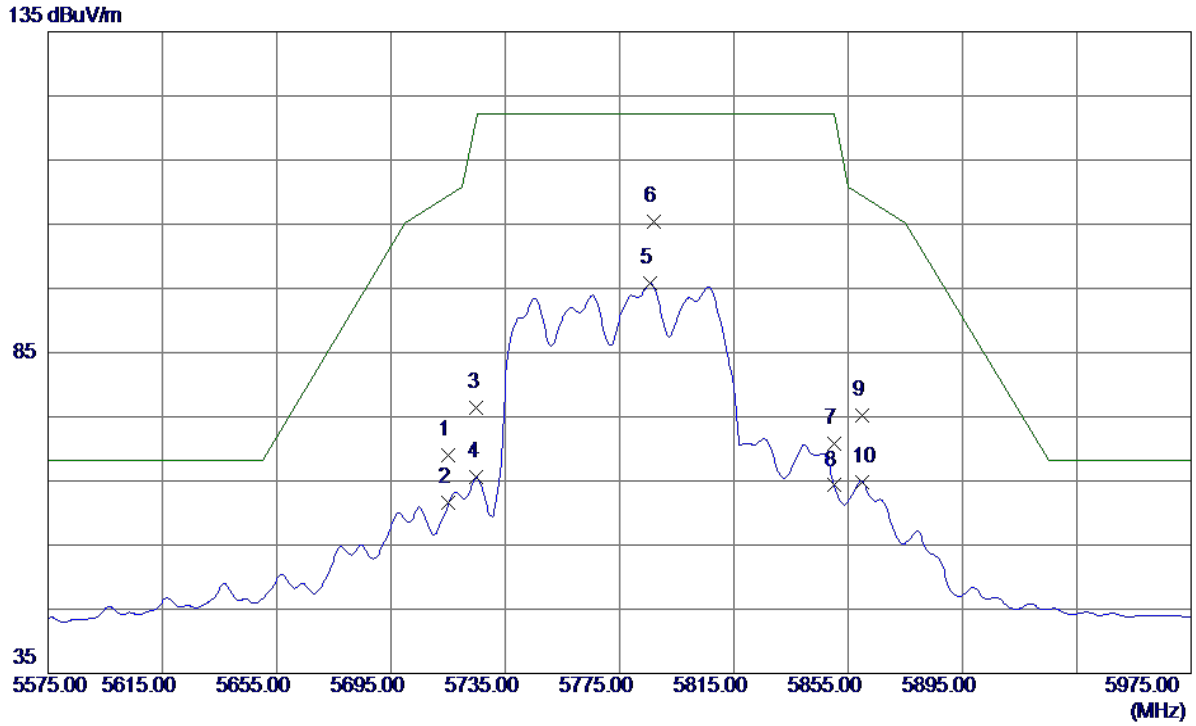
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3863.3070	40.40	2.50	42.90	54.00	-11.10	AVG	
2	3863.3350	43.36	2.50	45.86	68.20	-22.34	Peak	
3	11581.0000	24.89	15.48	40.37	54.00	-13.63	AVG	
4	11593.0000	34.13	15.48	49.61	68.20	-18.59	Peak	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(80 MHz) Mode 5775MHz

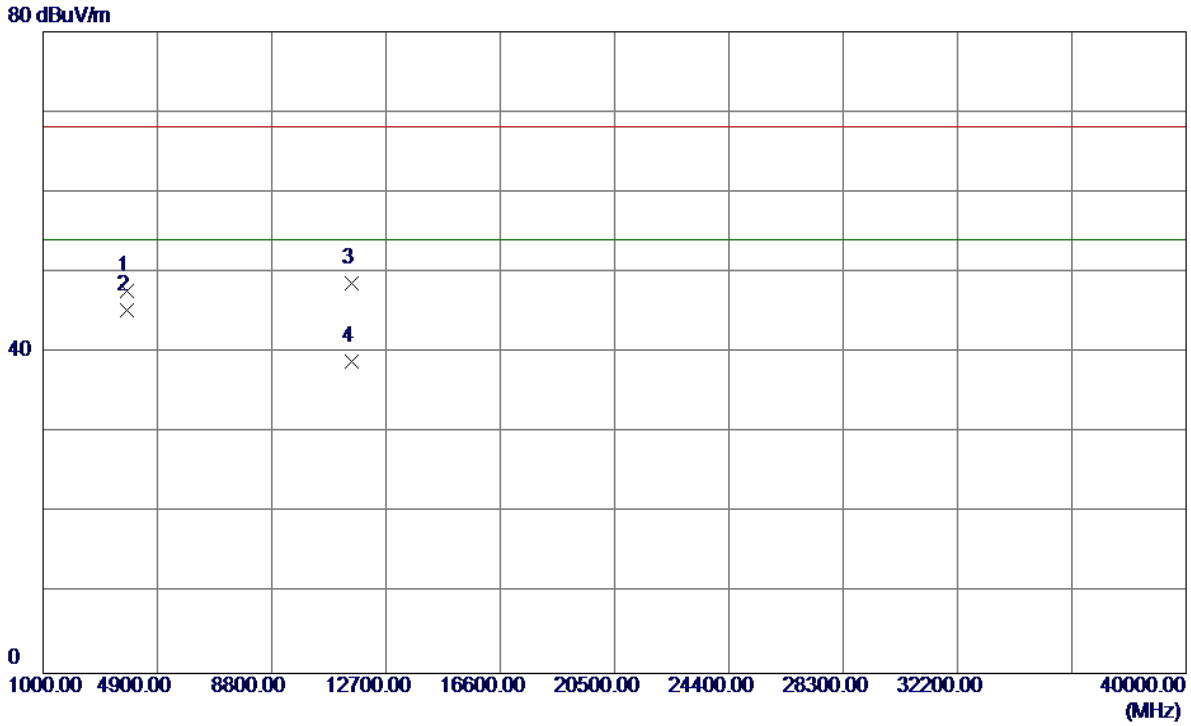
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	26.47	42.55	69.02	109.40	-40.38	Peak	
2	5715.0000	19.07	42.55	61.62	109.40	-47.78	AVG	
3	5725.0000	33.84	42.58	76.42	122.20	-45.78	Peak	
4	5725.0000	22.93	42.58	65.51	122.20	-56.69	AVG	
5	5785.8000	53.00	42.80	95.80	122.20	-26.40	AVG	
6 *	5786.8000	62.62	42.80	105.42	122.20	-16.78	Peak	
7	5850.0000	27.83	43.03	70.86	122.20	-51.34	Peak	
8	5850.0000	21.27	43.03	64.30	122.20	-57.90	AVG	
9	5860.0000	32.09	43.06	75.15	109.40	-34.25	Peak	
10	5860.0000	21.70	43.06	64.76	109.40	-44.64	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(80 MHz) Mode 5775MHz

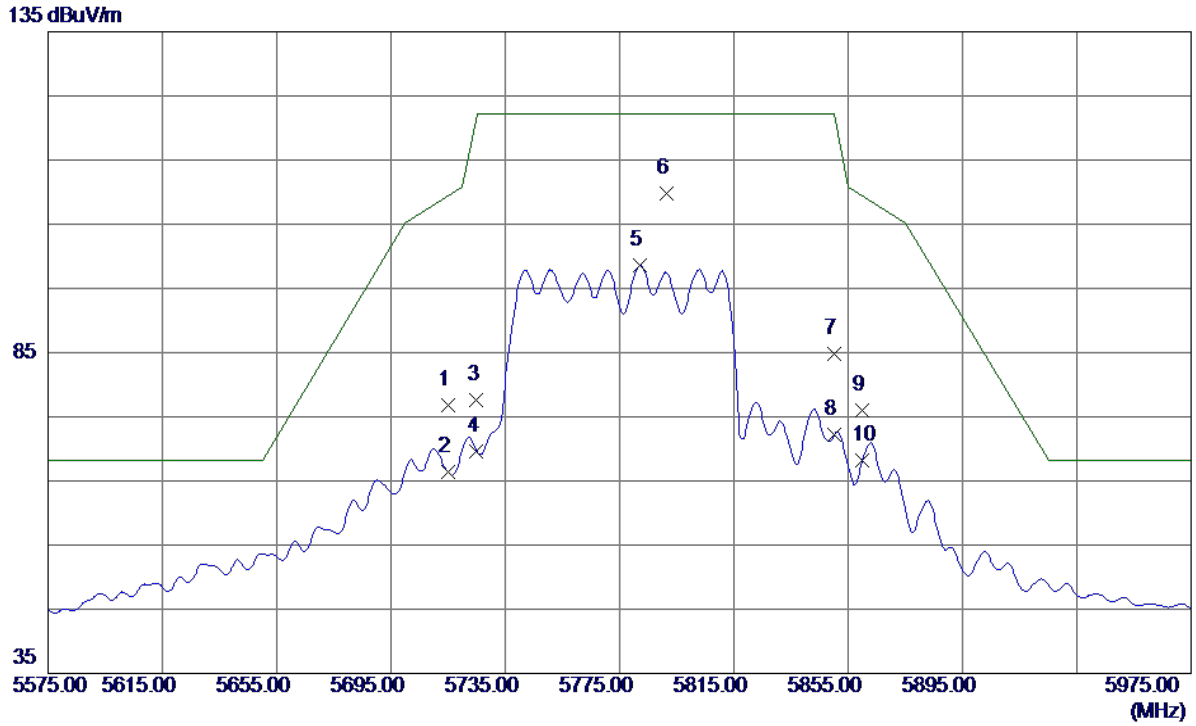
Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	3849.9200	45.21	2.46	47.67	68.20	-20.53	Peak	
2 *	3849.9700	42.78	2.46	45.24	54.00	-8.76	AVG	
3	11548.4500	33.22	15.48	48.70	68.20	-19.50	Peak	
4	11549.0500	23.35	15.48	38.83	54.00	-15.17	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(80 MHz) Mode 5775MHz

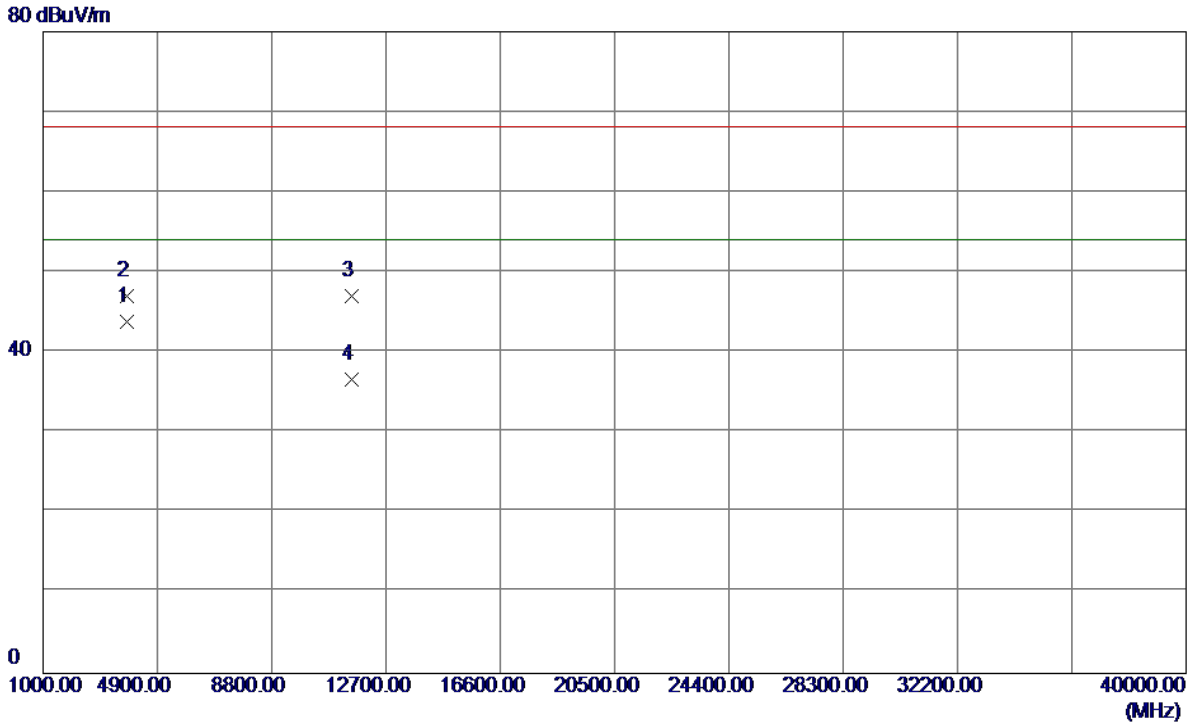
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715.0000	34.29	42.55	76.84	109.40	-32.56	Peak	
2	5715.0000	23.85	42.55	66.40	109.40	-43.00	AVG	
3	5725.0000	34.98	42.58	77.56	122.20	-44.64	Peak	
4	5725.0000	27.02	42.58	69.60	122.20	-52.60	AVG	
5	5782.2000	55.84	42.78	98.62	122.20	-23.58	AVG	
6 *	5791.4000	66.90	42.82	109.72	122.20	-12.48	AVG	
7	5850.0000	41.81	43.03	84.84	122.20	-37.36	Peak	
8	5850.0000	29.14	43.03	72.17	122.20	-50.03	AVG	
9	5860.0000	33.01	43.06	76.07	109.40	-33.33	Peak	
10	5860.0000	25.05	43.06	68.11	109.40	-41.29	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC Wave2(80 MHz) Mode 5775MHz

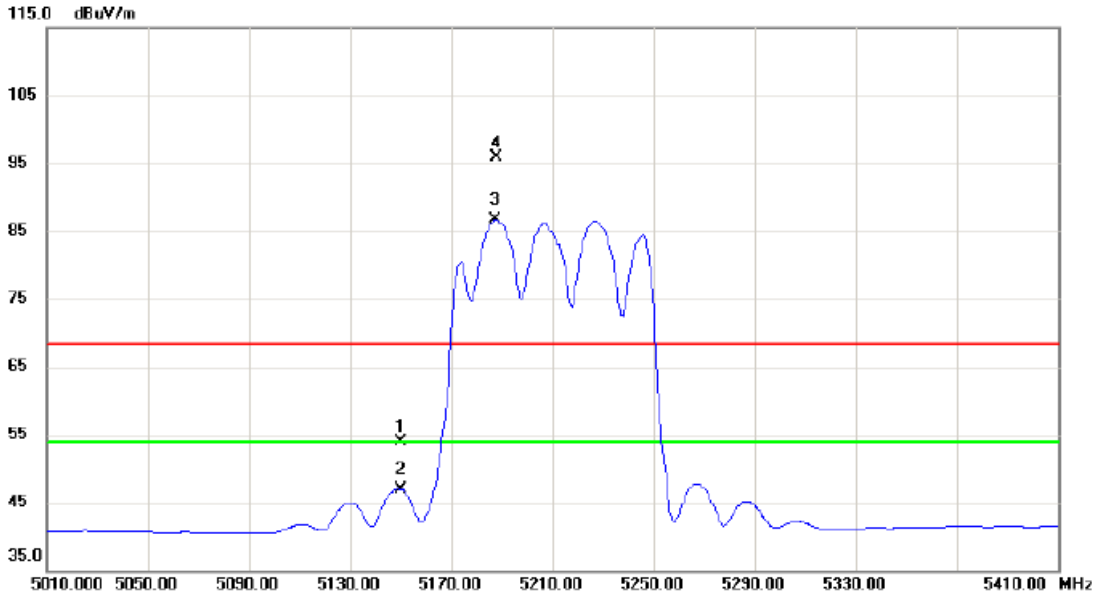
Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	3849.9450	41.32	2.46	43.78	54.00	-10.22	AVG	
2	3850.0600	44.59	2.46	47.05	68.20	-21.15	Peak	
3	11548.7500	31.54	15.48	47.02	68.20	-21.18	Peak	
4	11548.7500	21.17	15.48	36.65	54.00	-17.35	AVG	

Test Mode:	TX AC Wave2(160 MHz) Mode 5210MHz

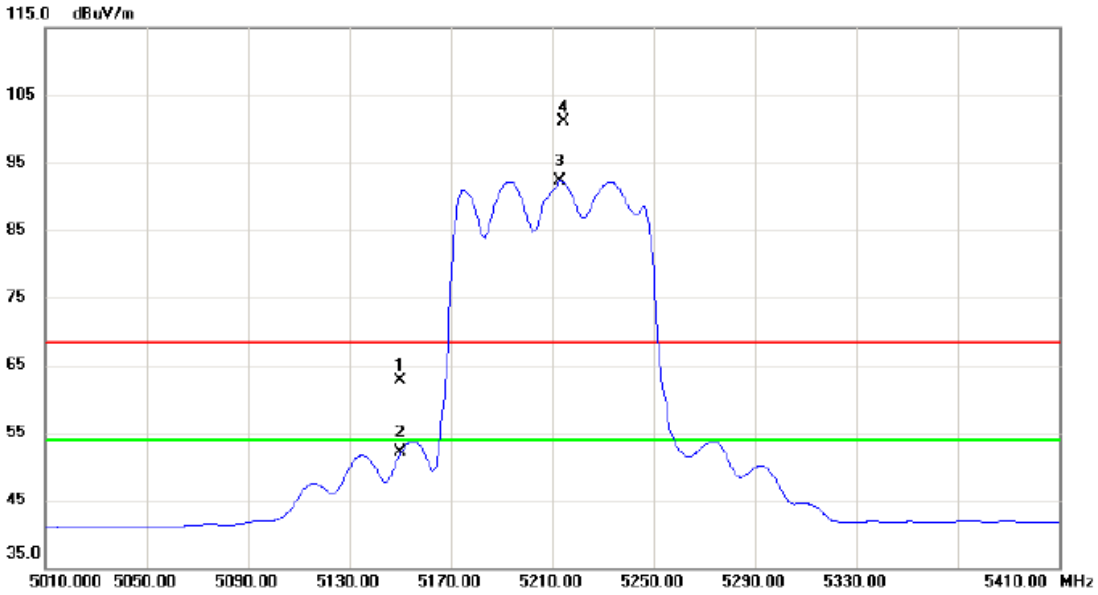
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	13.26	40.63	53.89	68.30	-14.41	peak	
2		5150.000	6.35	40.63	46.98	54.00	-7.02	AVG	
3	*	5187.200	45.89	40.75	86.64	54.00	32.64	AVG	NO LIMIT
4	X	5188.000	55.23	40.75	95.98	68.30	27.68	peak	NO LIMIT

Test Mode:	TX AC Wave2(160 MHz) Mode 5210MHz

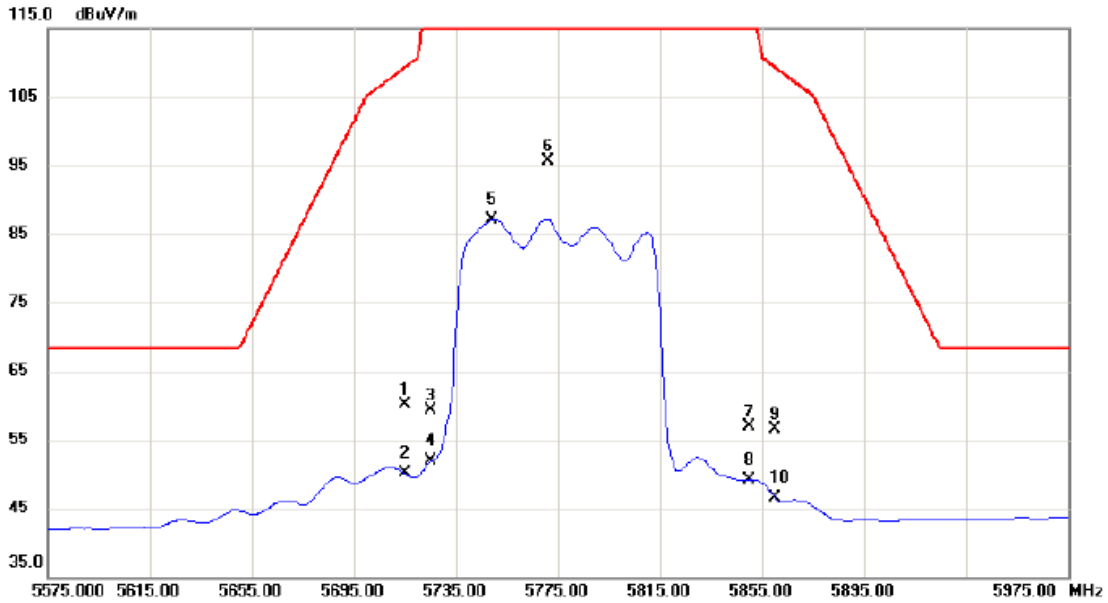
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5150.000	22.15	40.63	62.78	68.30	-5.52	peak	
2		5150.000	11.41	40.63	52.04	54.00	-1.96	AVG	
3	*	5213.000	51.51	40.83	92.34	54.00	38.34	AVG	NO LIMIT
4	X	5214.400	60.19	40.83	101.02	68.30	32.72	peak	NO LIMIT

Test Mode:	TX AC Wave2(160 MHz) Mode 5775MHz

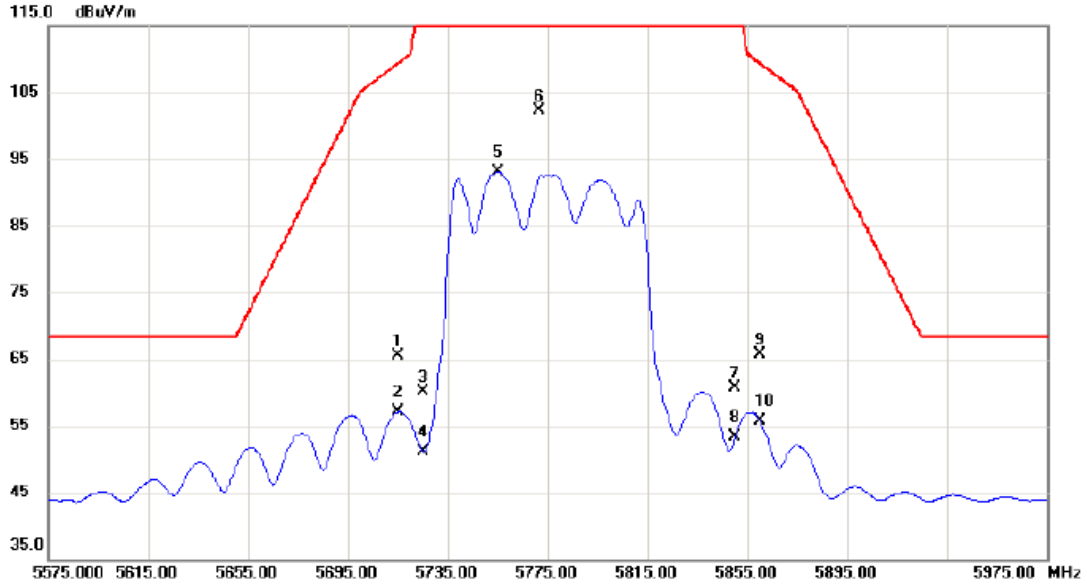
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	17.48	42.55	60.03	109.40	-49.37	peak	
2		5715.000	7.49	42.55	50.04	109.40	-59.36	AVG	
3		5725.000	16.71	42.58	59.29	122.20	-62.91	peak	
4		5725.000	9.33	42.58	51.91	122.20	-70.29	AVG	
5		5749.400	44.48	42.67	87.15	122.20	-35.05	AVG	
6	*	5771.000	52.94	42.74	95.68	122.20	-26.52	peak	
7		5850.000	13.80	43.03	56.83	122.20	-65.37	peak	
8		5850.000	6.16	43.03	49.19	122.20	-73.01	AVG	
9		5860.000	13.40	43.06	56.46	109.40	-52.94	peak	
10		5860.000	3.39	43.06	46.45	109.40	-62.95	AVG	

Test Mode:	TX AC Wave2(160 MHz) Mode 5775MHz

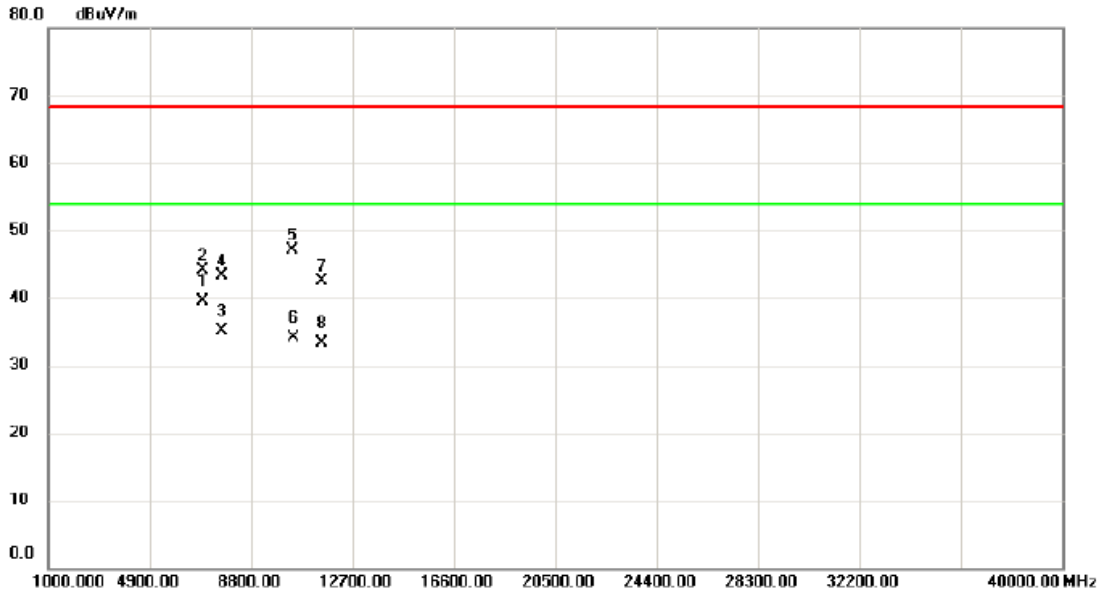
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	22.88	42.55	65.43	109.40	-43.97	peak	
2		5715.000	14.49	42.55	57.04	109.40	-52.36	AVG	
3		5725.000	17.43	42.58	60.01	122.20	-62.19	peak	
4		5725.000	8.59	42.58	51.17	122.20	-71.03	AVG	
5		5755.200	50.39	42.69	93.08	122.20	-29.12	AVG	
6	*	5771.400	59.59	42.74	102.33	122.20	-19.87	peak	
7		5850.000	17.75	43.03	60.78	122.20	-61.42	peak	
8		5850.000	10.27	43.03	53.30	122.20	-68.90	AVG	
9		5860.000	22.59	43.06	65.65	109.40	-43.75	peak	
10		5860.000	12.58	43.06	55.64	109.40	-53.76	AVG	

Test Mode:	TX AC Wave2(160 MHz) Mode 5210MHz+5775MHz

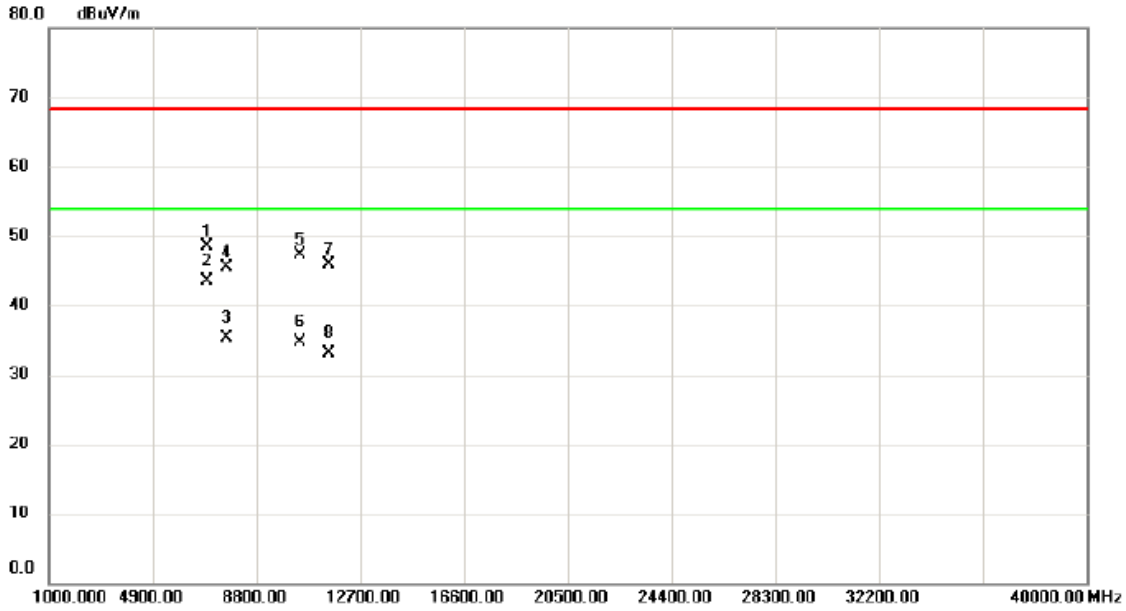
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	6946.660	28.74	10.77	39.51	54.00	-14.49	AVG	
2		6946.905	33.43	10.77	44.20	68.30	-24.10	peak	
3		7699.000	23.39	11.73	35.12	54.00	-18.88	AVG	
4		7702.000	31.62	11.74	43.36	68.30	-24.94	peak	
5		10398.500	32.15	15.05	47.20	68.30	-21.10	peak	
6		10420.000	18.91	15.10	34.01	54.00	-19.99	AVG	
7		11544.750	27.00	15.47	42.47	68.30	-25.83	peak	
8		11551.500	17.85	15.48	33.33	54.00	-20.67	AVG	

Test Mode:	TX AC Wave2(160 MHz) Mode 5210MHz+5775MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		6946.512	37.72	10.77	48.49	68.30	-19.81	peak	
2	*	6946.655	32.66	10.77	43.43	54.00	-10.57	AVG	
3		7699.970	23.51	11.73	35.24	54.00	-18.76	AVG	
4		7700.057	33.76	11.73	45.49	68.30	-22.81	peak	
5		10419.540	32.15	15.10	47.25	68.30	-21.05	peak	
6		10419.983	19.65	15.10	34.75	54.00	-19.25	AVG	
7		11517.750	30.38	15.48	45.86	68.30	-22.44	peak	
8		11551.250	17.63	15.48	33.11	54.00	-20.89	AVG	

TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

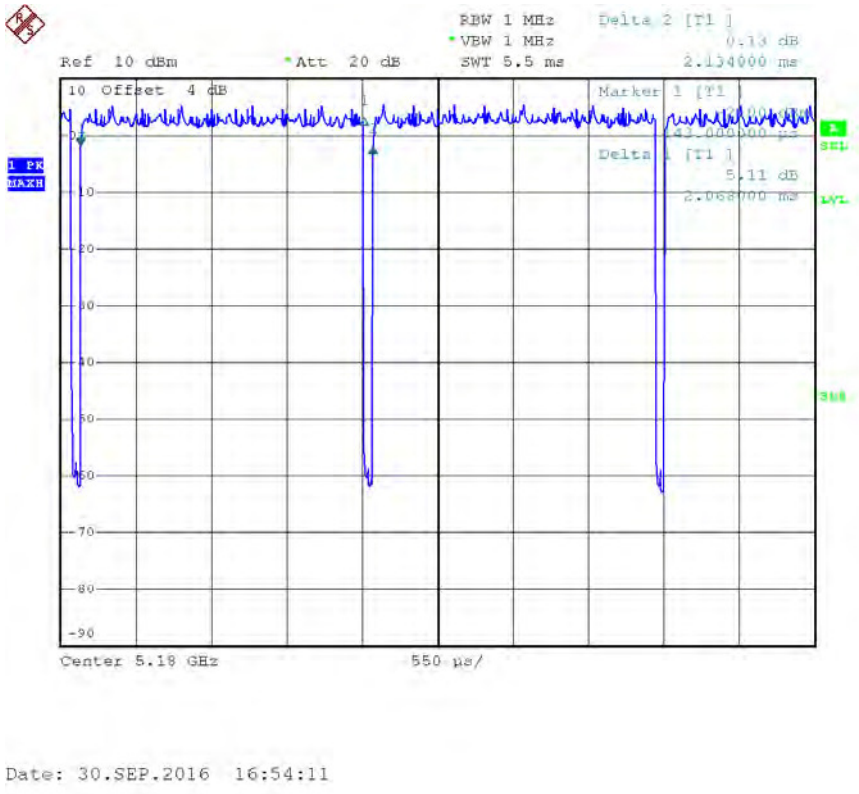
T_{ON}: 2.07 msec

T_{Total}: 2.13 msec

Duty cycle: 97.18%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.12



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

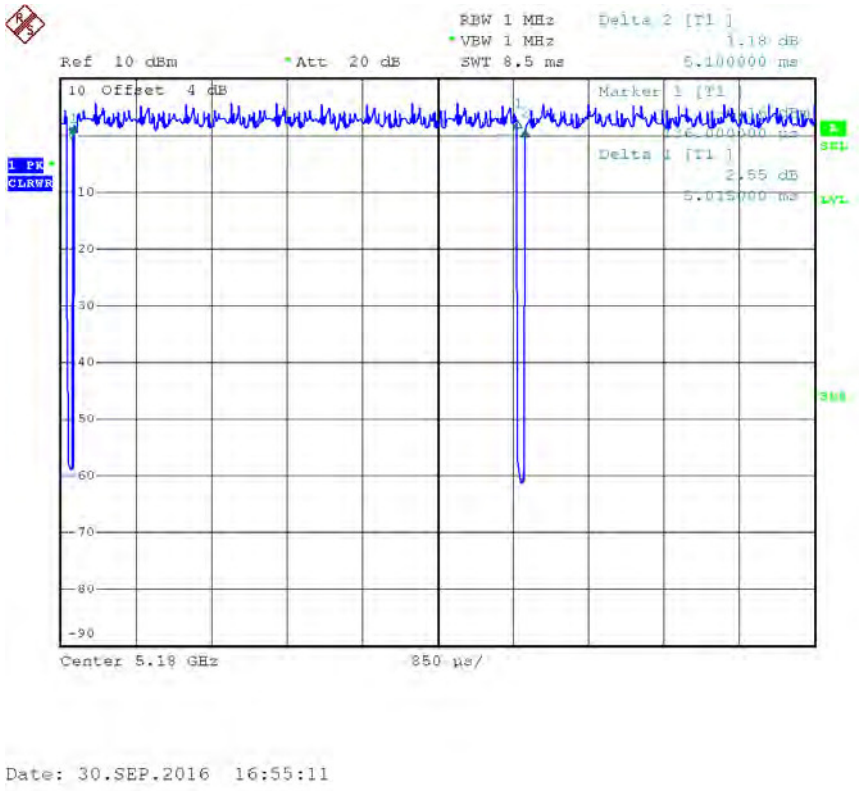
T_{ON}: 5.02 msec

T_{Total}: 5.10 msec

Duty cycle: 98.43%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.07



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

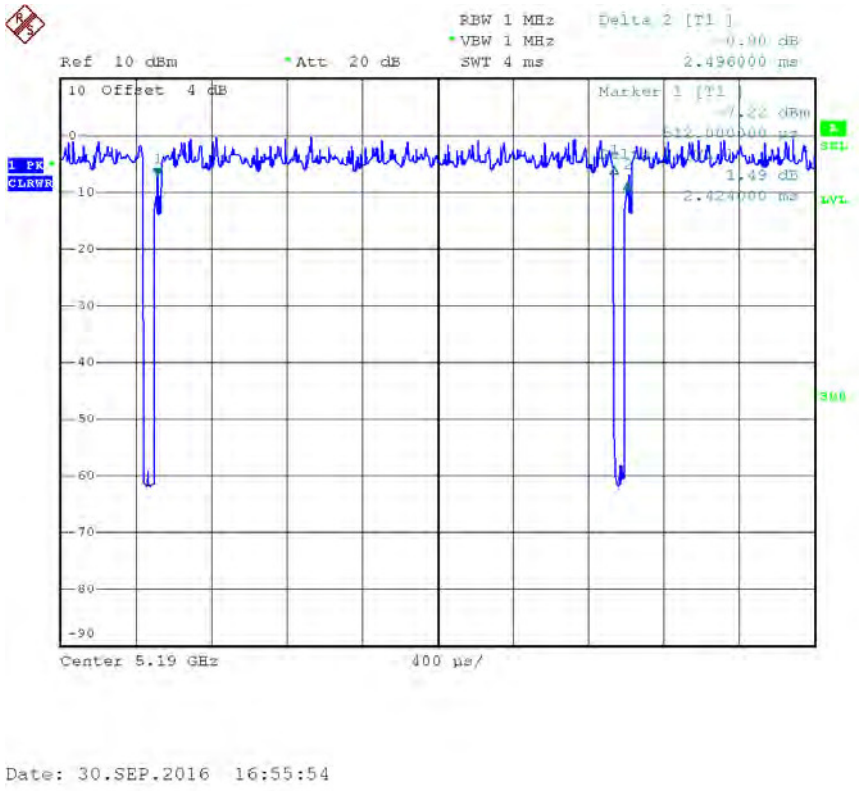
T_{ON}: 2.42 msec

T_{Total}: 2.50 msec

Duty cycle: 96.80%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.14



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC Wave2(20 MHz) Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

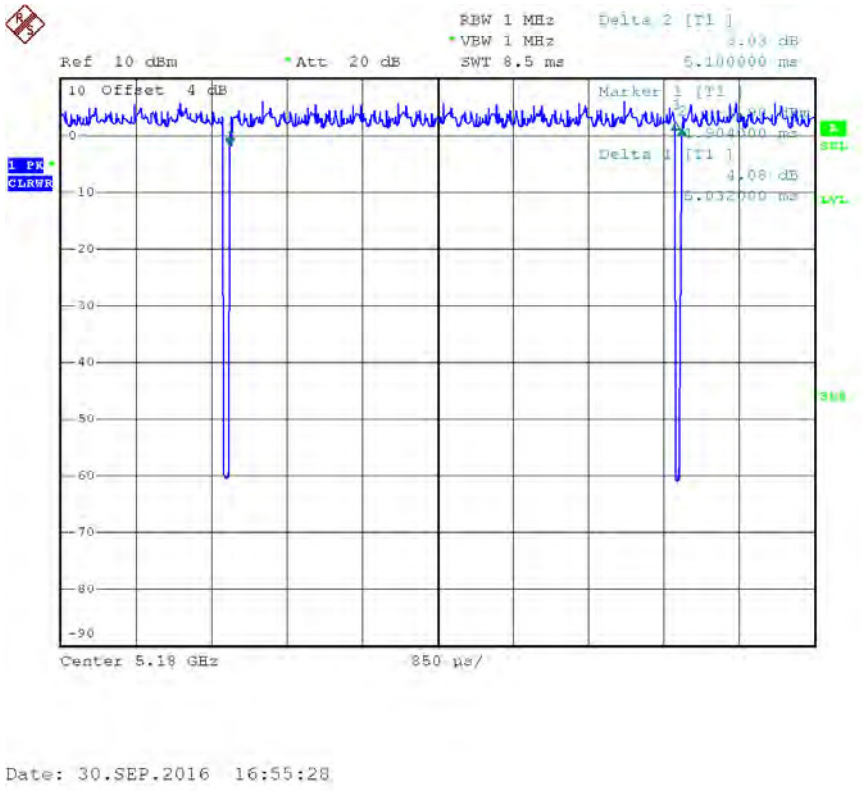
T_{ON}: 5.03 msec

T_{Total}: 5.10 msec

Duty cycle: 98.63%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.06



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC Wave2(40 MHz) Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

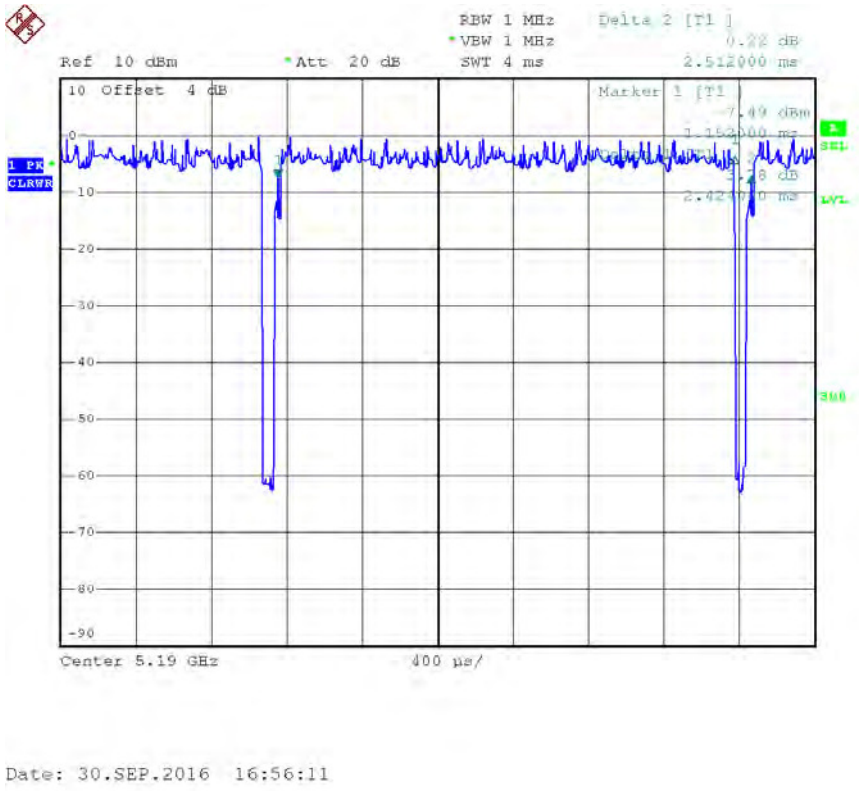
T_{ON}: 2.42 msec

T_{Total}: 2.51 msec

Duty cycle: 96.41%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.16



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC Wave2(80 MHz) Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

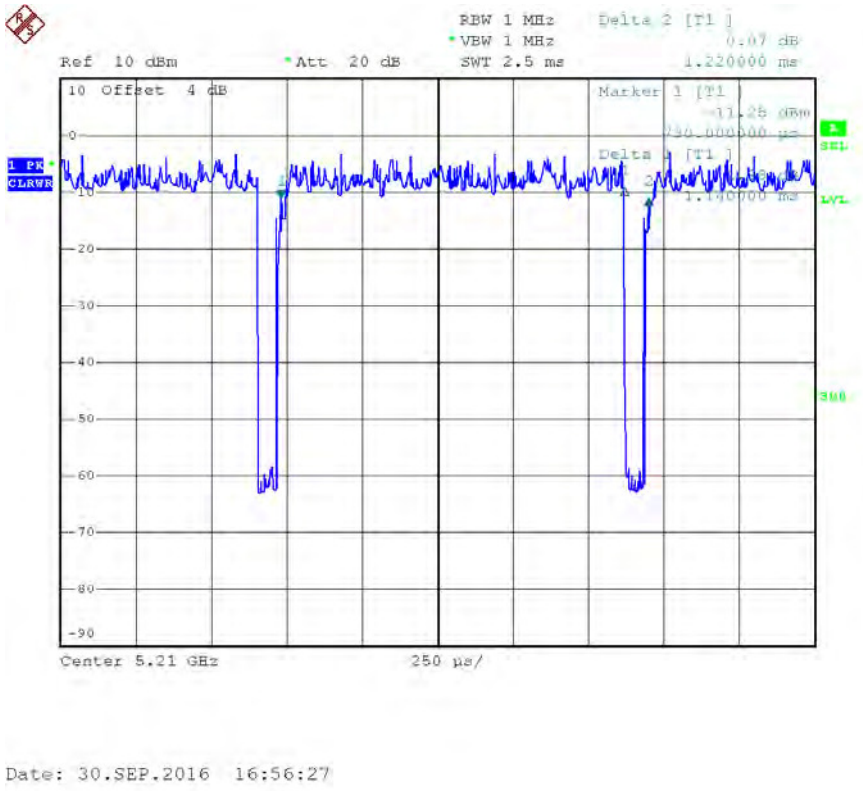
T_{ON}: 1.14 msec

T_{Total}: 1.22 msec

Duty cycle: 93.44%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.29



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

TX AC Wave2(160 MHz) Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

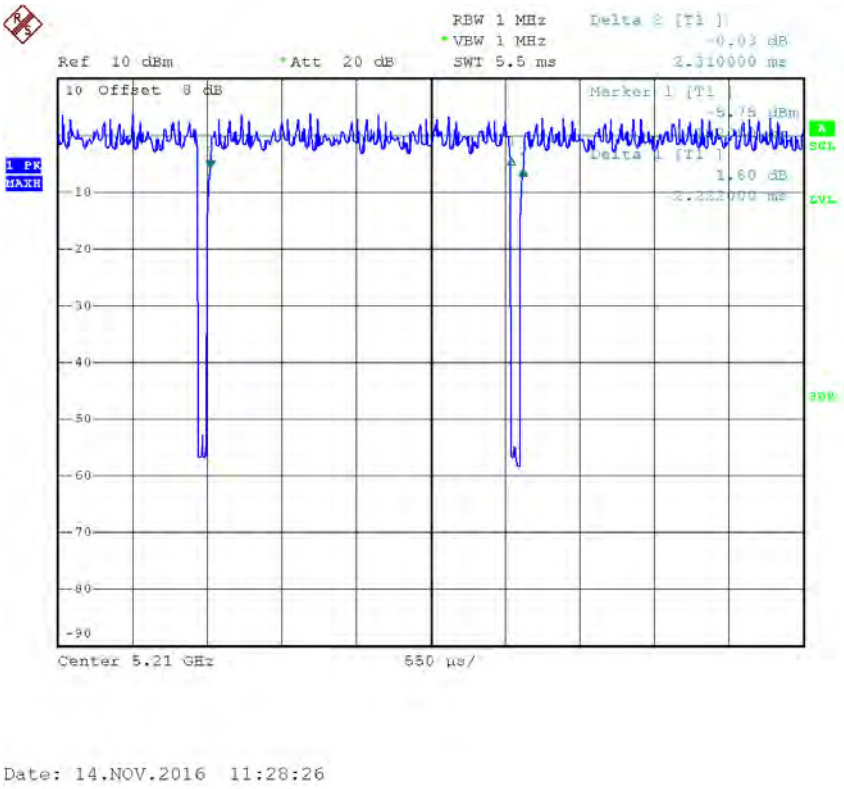
T_{ON}: 2.22msec

T_{Total}: 2.31 msec

Duty cycle: 96.10%

Duty Factor = 10 log(1/Duty cycle)

Duty Factor = 0.17



Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor
Power Spectral Density = Measured density + Duty factor

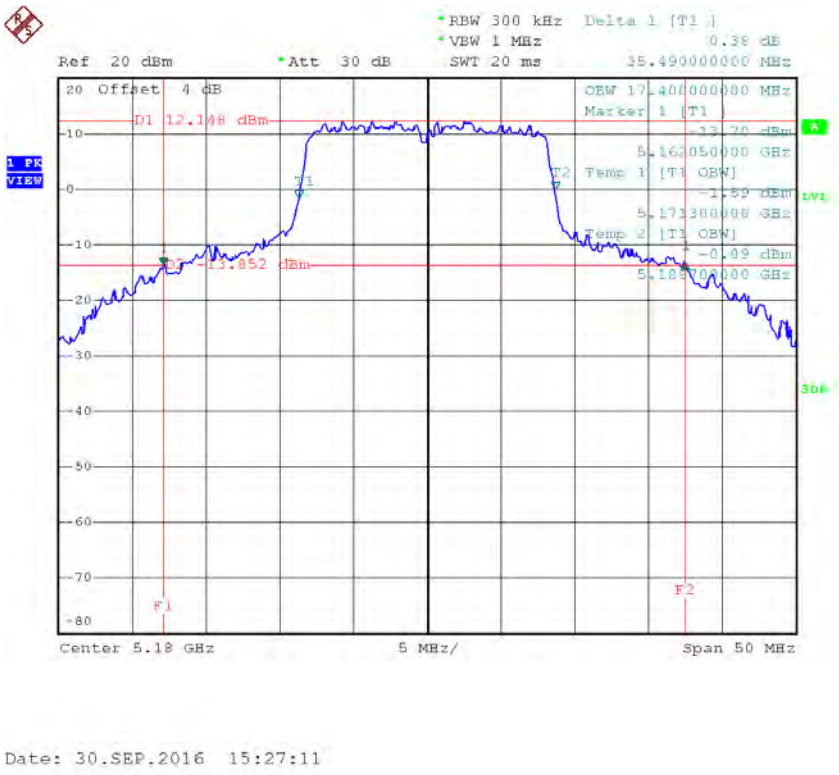
ATTACHMENT E - BANDWIDTH

Non-Beamforming

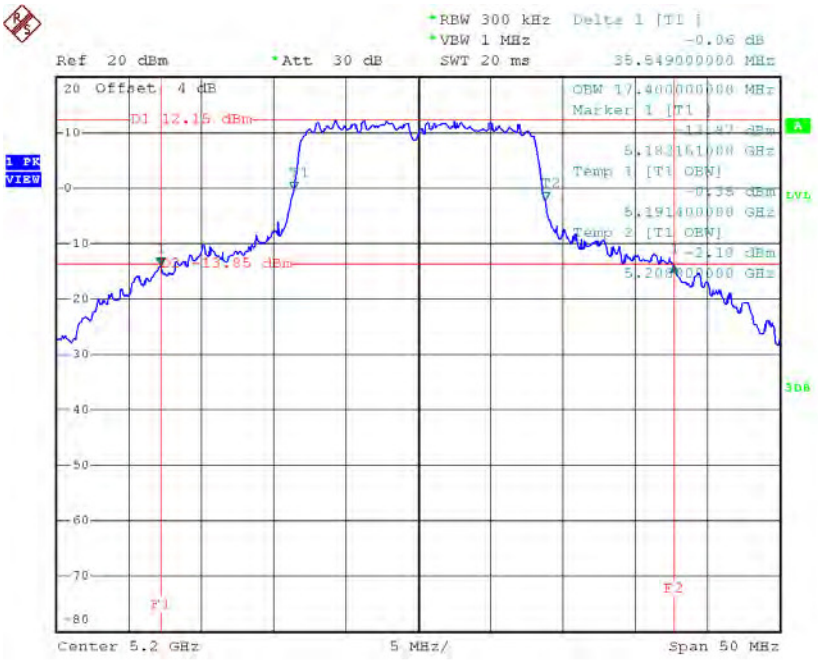
Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	35.49	17.40
CH40	5200	35.55	17.40
CH48	5240	34.39	17.40

TX CH36

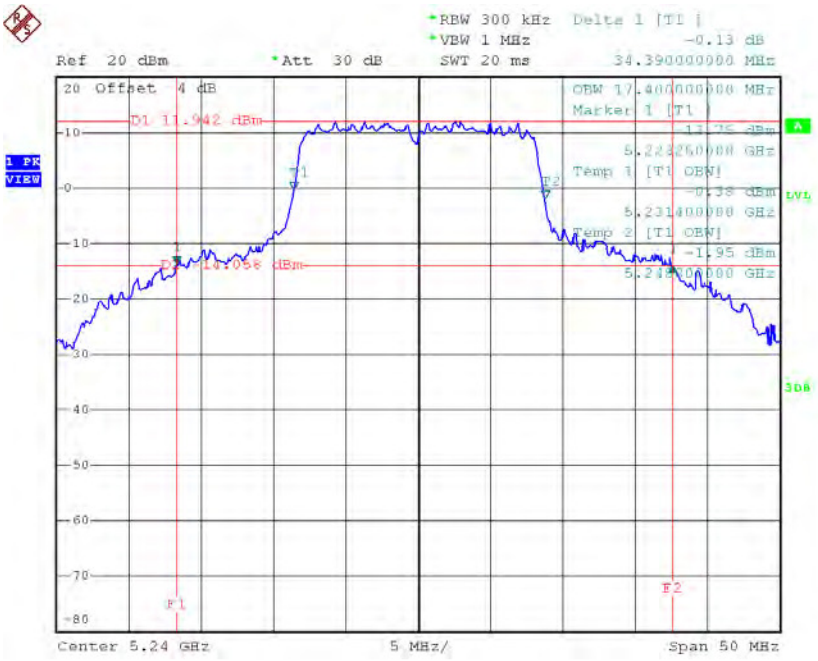


TX CH40



Date: 30.SEP.2016 15:27:55

TX CH48

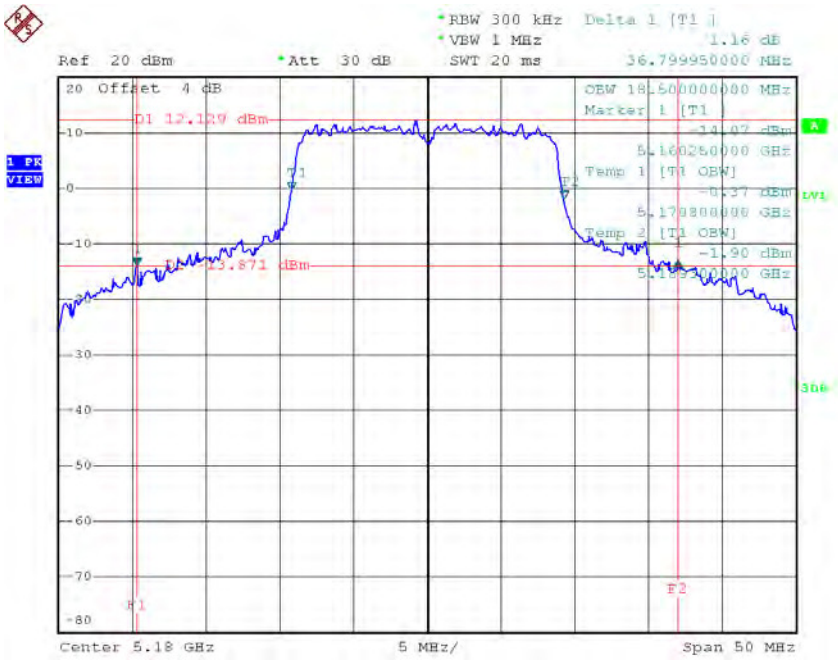


Date: 30.SEP.2016 15:34:56

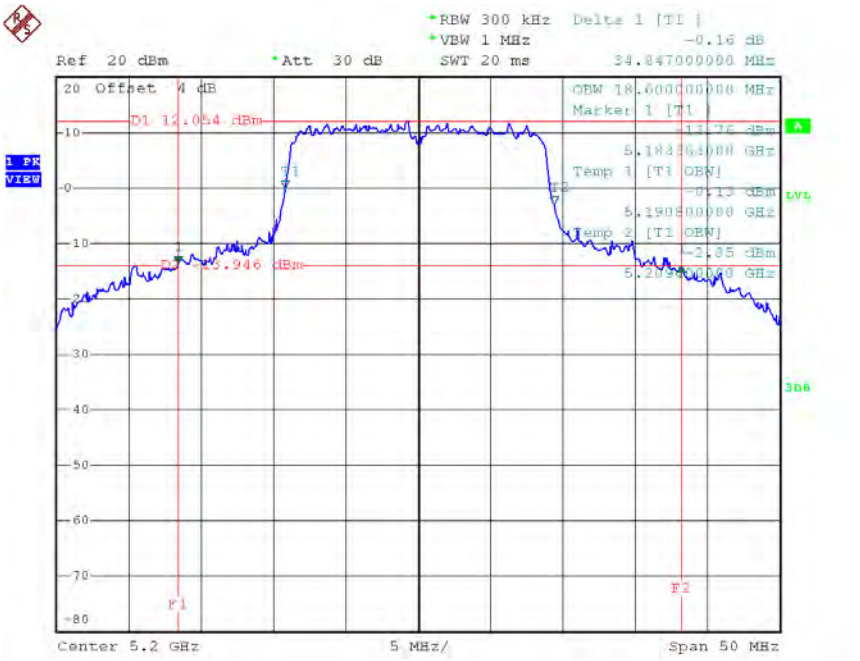
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	36.80	18.50
CH40	5200	34.85	18.60
CH48	5240	37.80	18.50

TX CH36

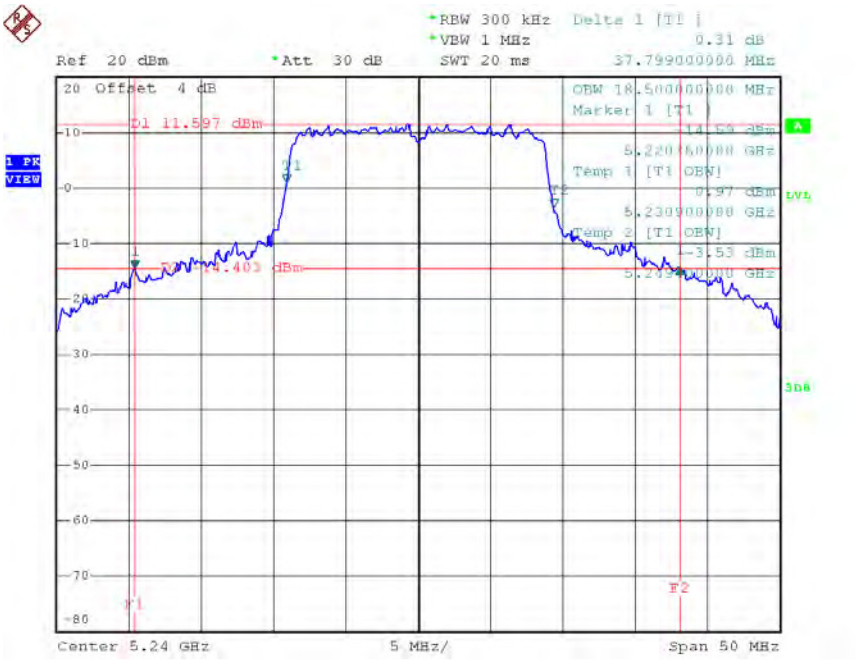


TX CH40



Date: 30.SEP.2016 15:57:32

TX CH48

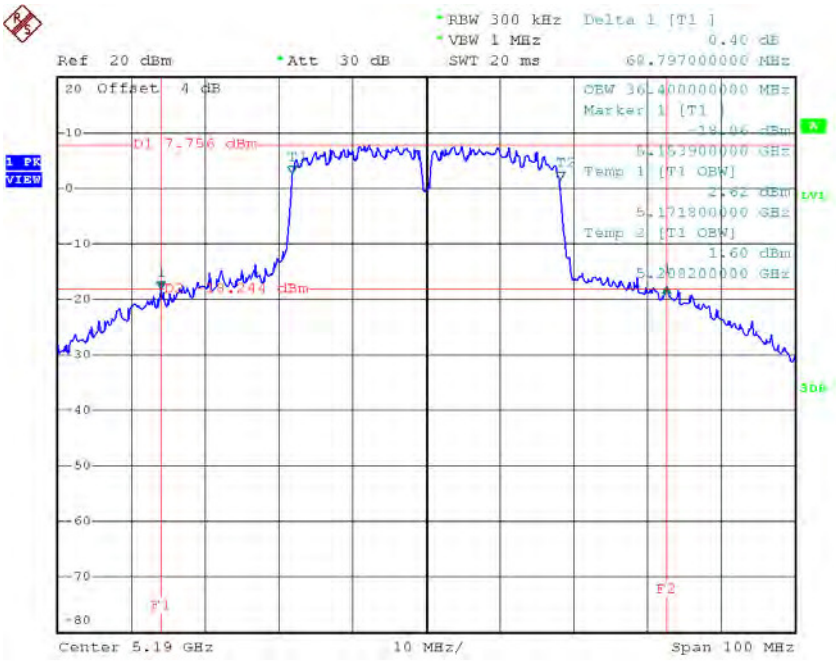


Date: 30.SEP.2016 15:58:09

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

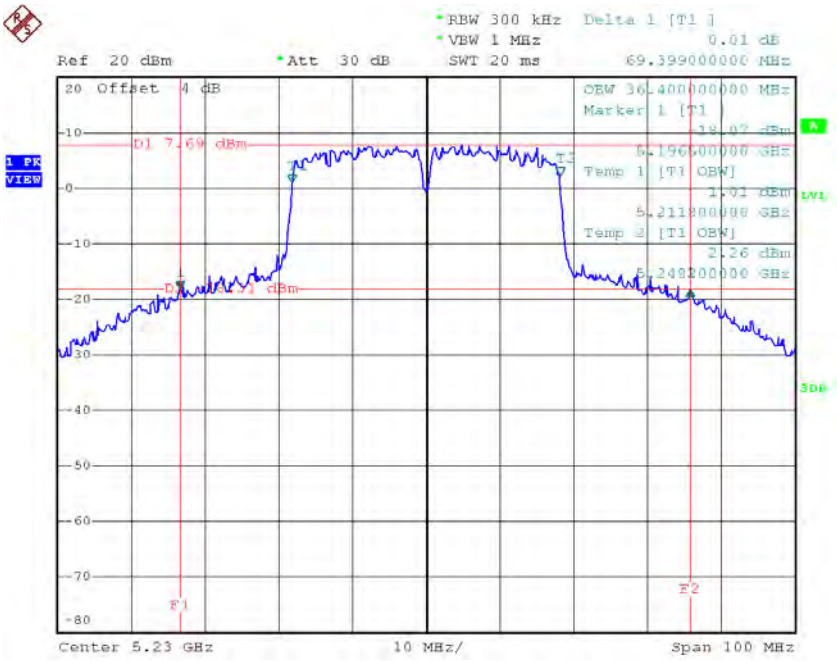
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	68.80	36.40
CH46	5230	69.40	36.40

TX CH38



Date: 30.SEP.2016 16:19:03

TX CH46

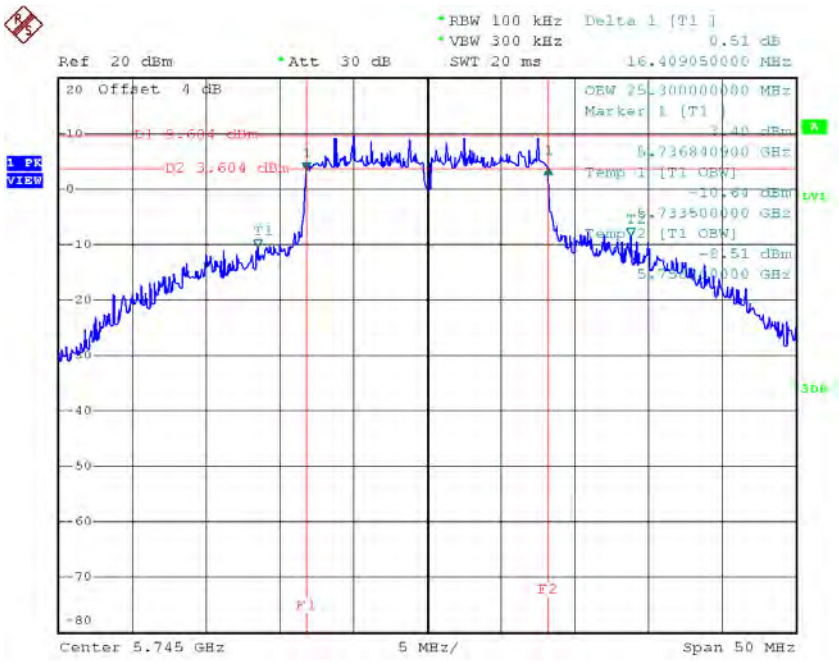


Date: 30.SEP.2016 16:19:42

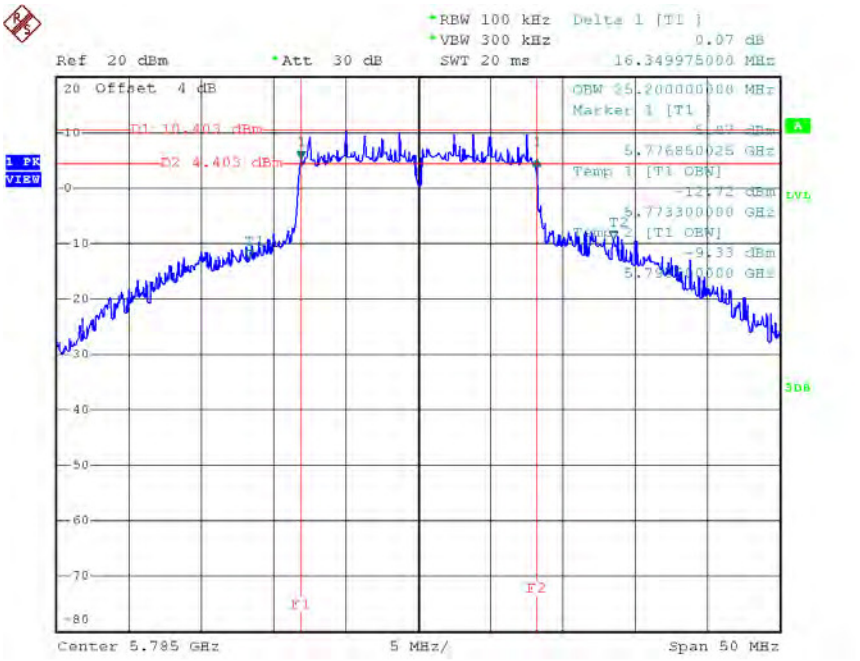
Test Mode: UNII-3/ TX A Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	16.41	25.30	>=500
CH157	5785	16.35	25.20	>=500
CH165	5825	16.39	22.40	>=500

TX CH 149

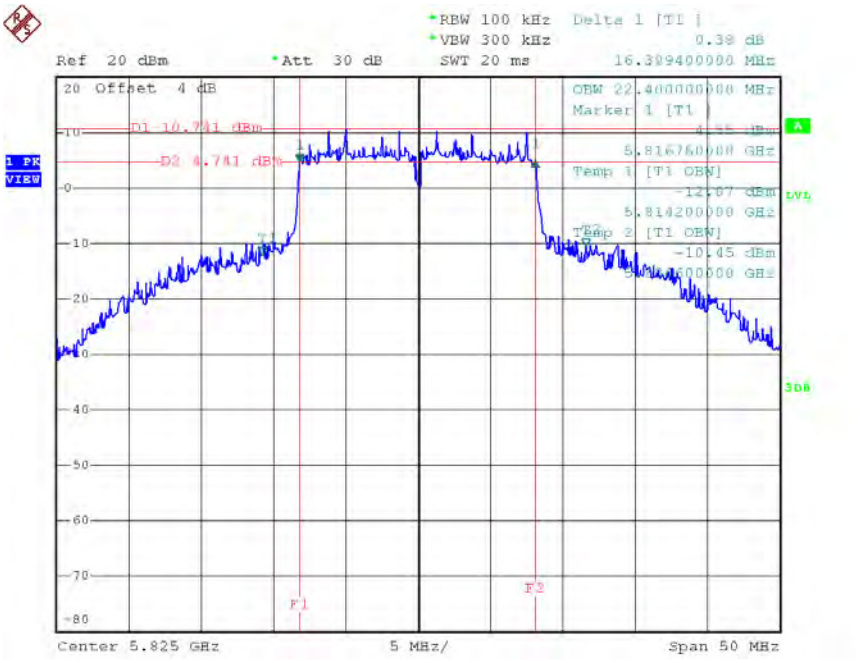


TX CH 157



Date: 30.SEP.2016 15:55:16

TX CH 165

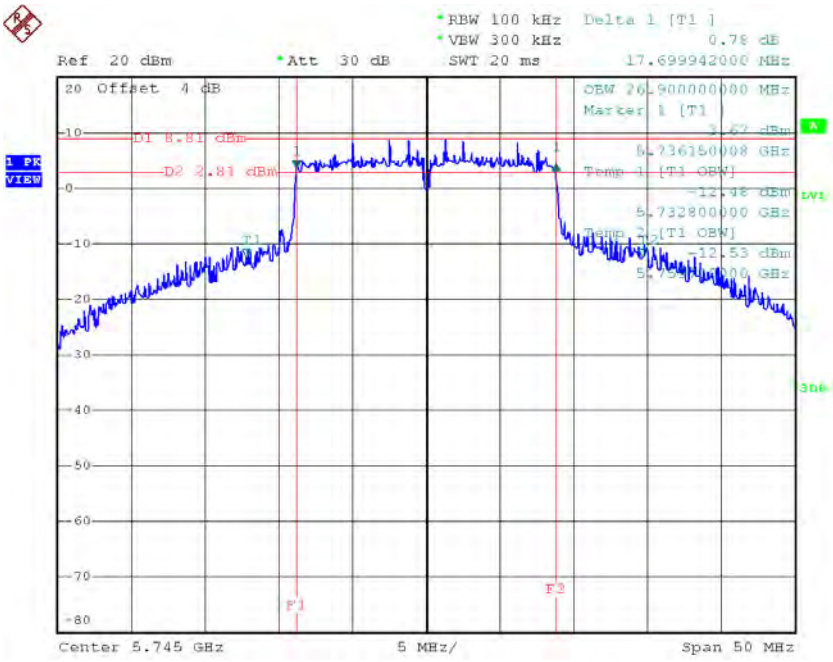


Date: 30.SEP.2016 15:56:05

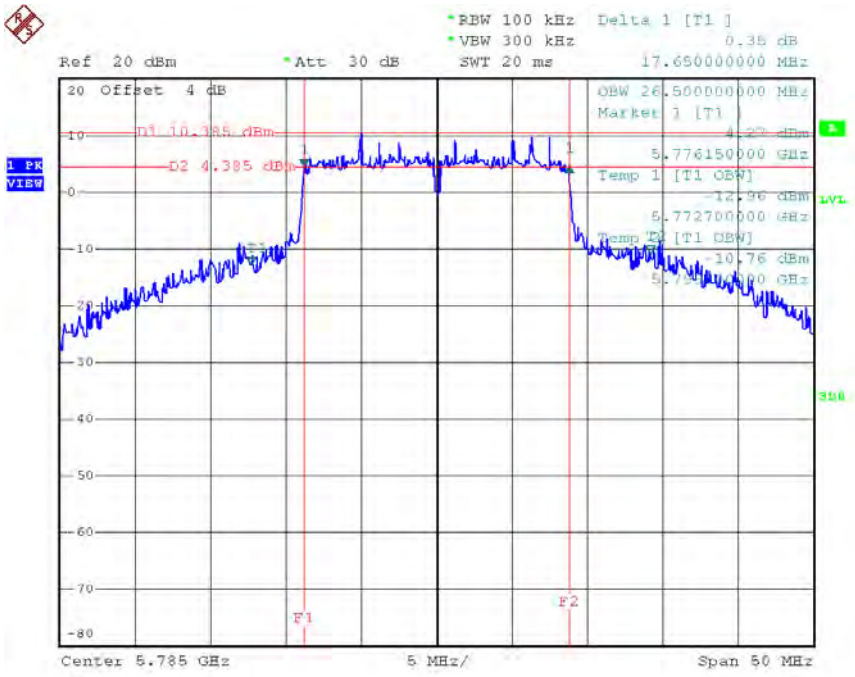
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	26.90	>=500
CH157	5785	17.65	26.50	>=500
CH165	5825	17.65	23.80	>=500

TX CH 149

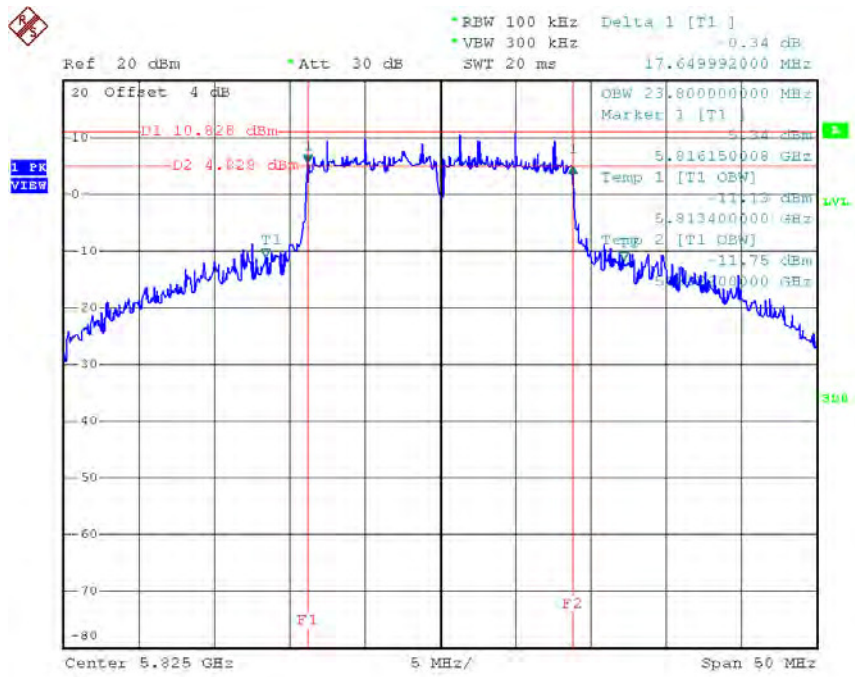


TX CH 157



Date: 30.SEP.2016 16:04:53

TX CH 165

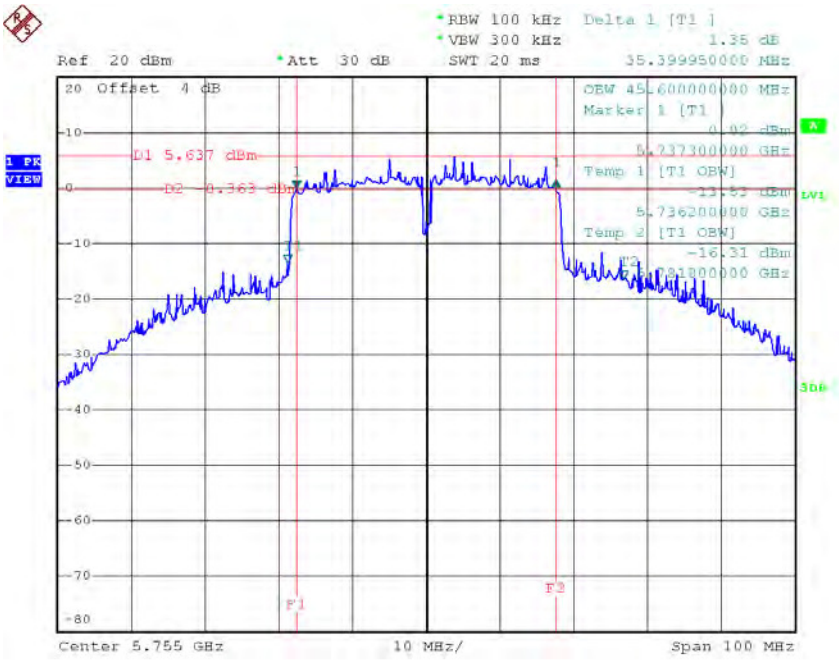


Date: 30.SEP.2016 16:05:39

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

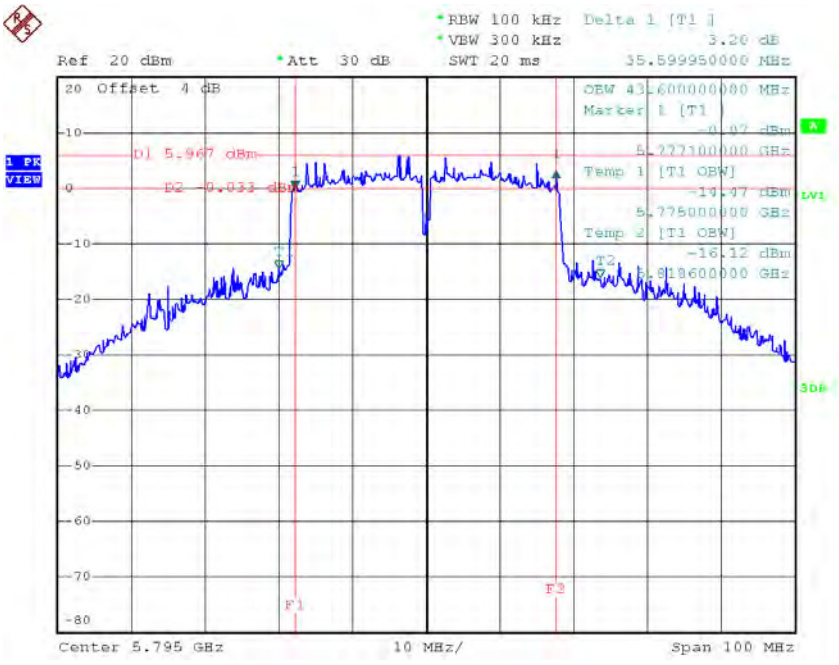
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH151	5755	35.40	45.60	>=500
CH159	5795	35.60	43.60	>=500

TX CH 151



Date: 30.SEP.2016 16:25:10

TX CH 159

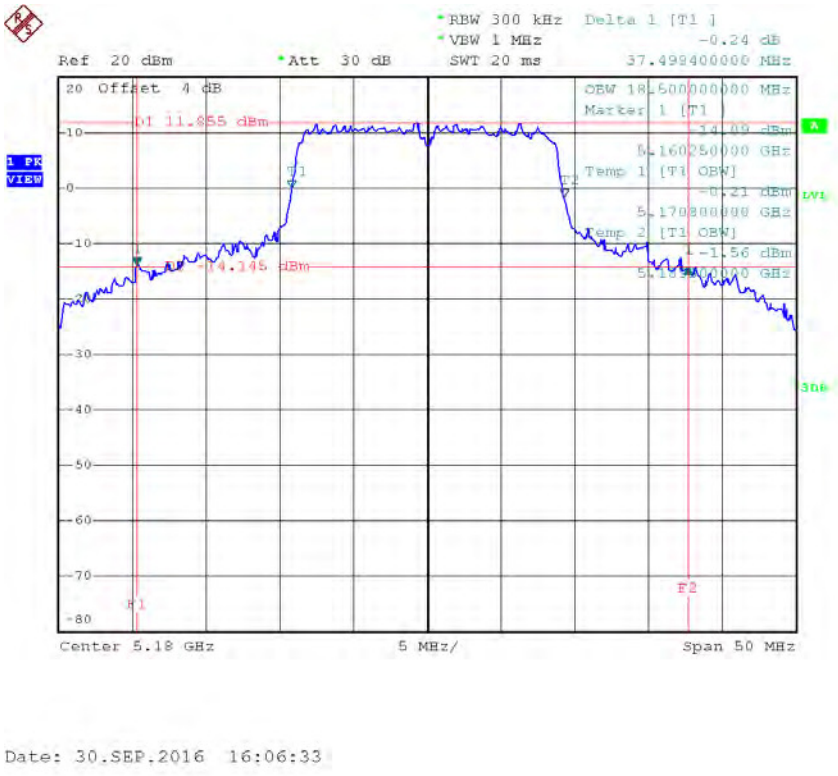


Date: 30.SEP.2016 16:26:02

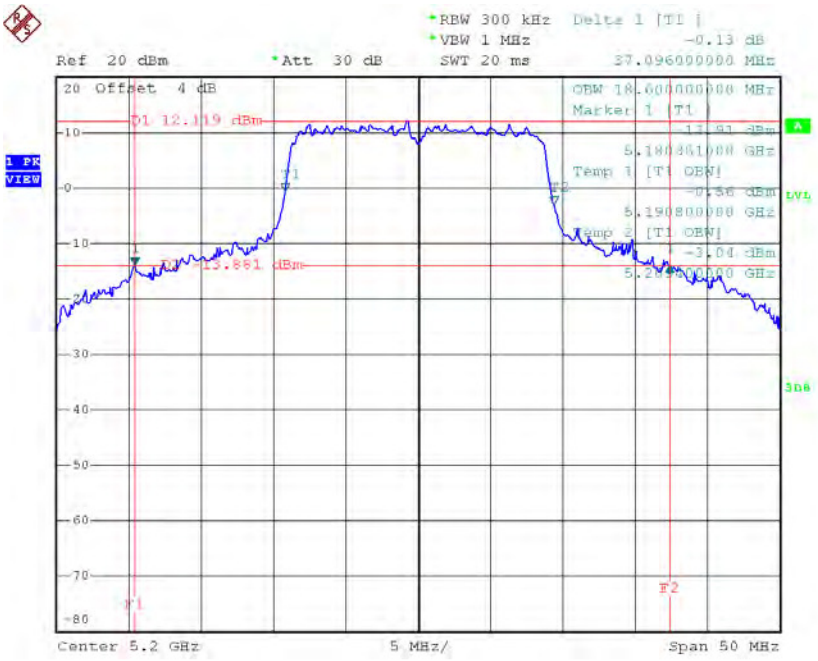
Test Mode: UNII-1/TX AC Wave2(20 MHz) Mode_CH36/CH40/CH48

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	37.50	18.50
CH40	5200	37.10	18.60
CH48	5240	35.95	18.50

TX CH36

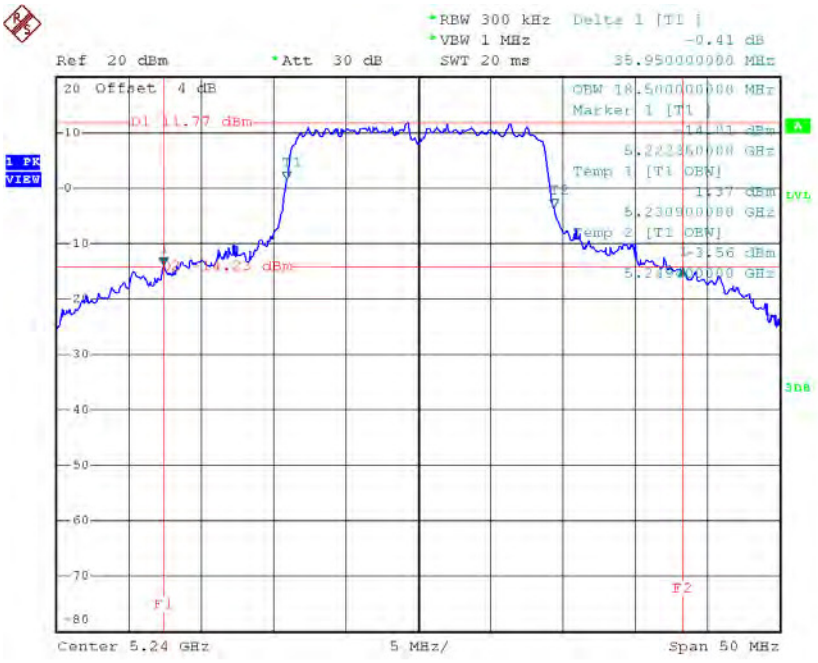


TX CH40



Date: 30.SEP.2016 16:07:11

TX CH48

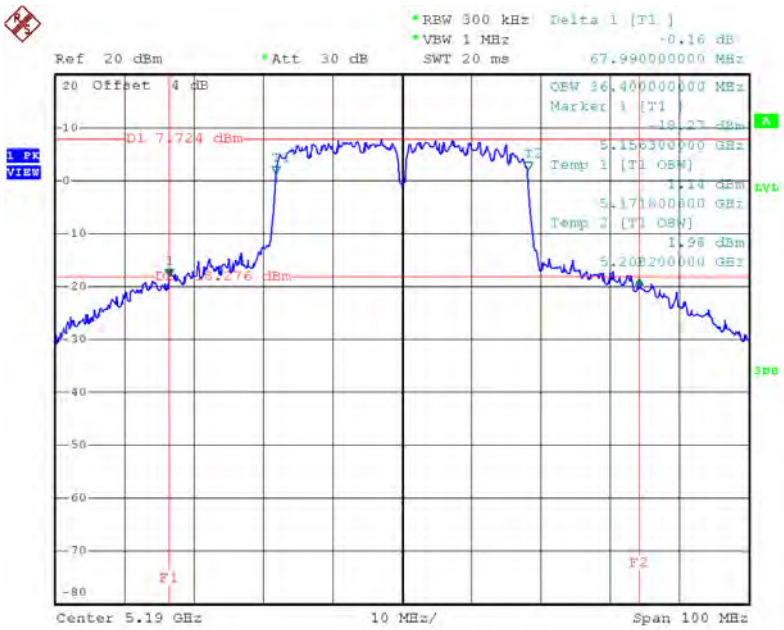


Date: 30.SEP.2016 16:07:49

Test Mode: UNII-1/TX AC Wave2(40 MHz) Mode_CH38/CH46

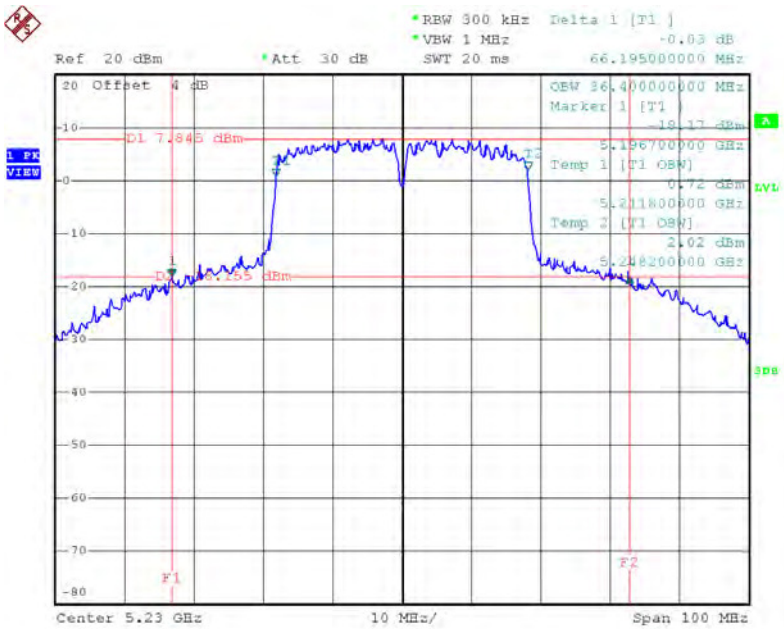
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	67.99	36.40
CH46	5230	66.19	36.40

TX CH38



Date: 30.SEP.2016 16:26:51

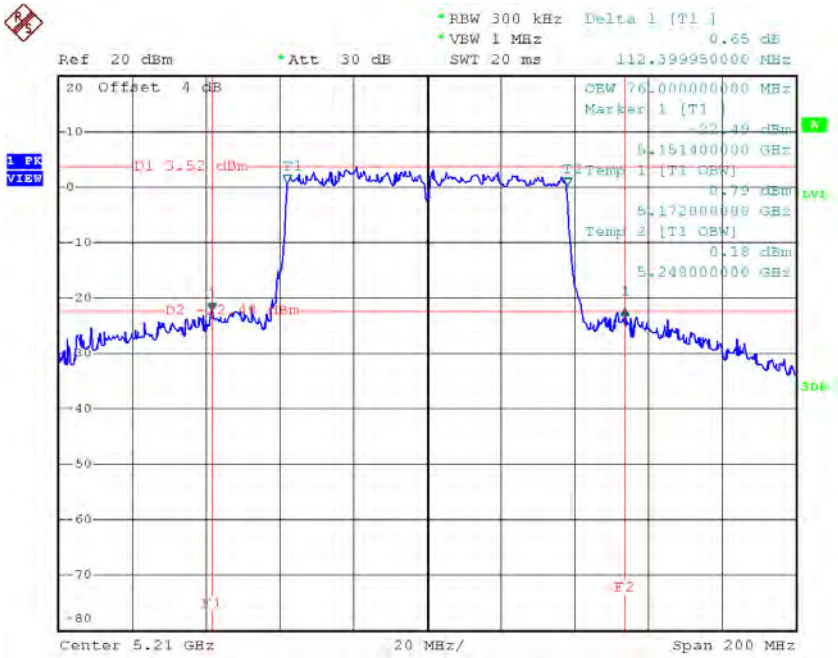
TX CH46



Date: 30.SEP.2016 16:27:33

Test Mode: UNII-1/TX AC Wave2(80 MHz) Mode_CH42			
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	112.40	76.00

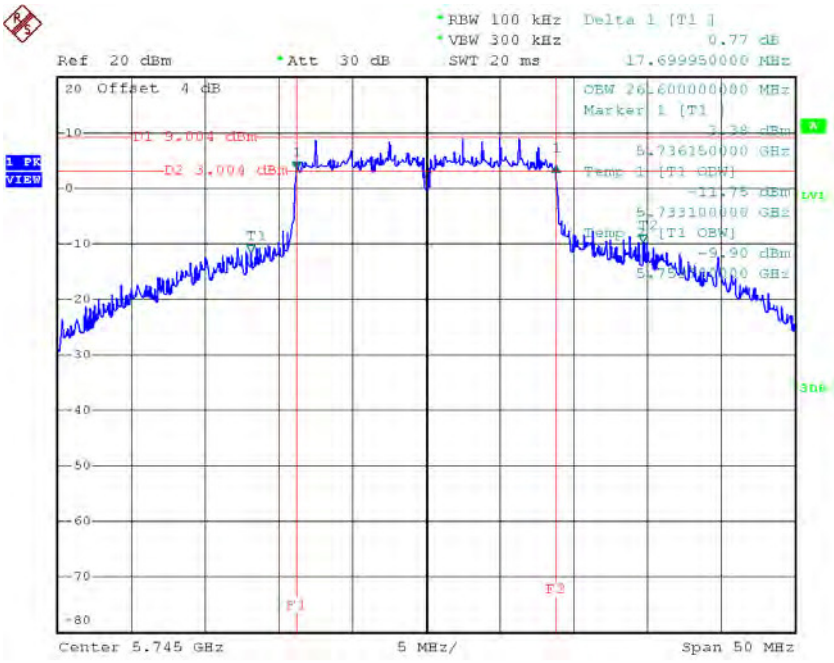
TX CH42



Test Mode: UNII-3/ TX AC Wave2(20 MHz) Mode_CH149/CH157/CH165

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (kHz)
CH149	5745	17.70	26.60	>=500
CH157	5785	17.70	26.20	>=500
CH165	5825	17.65	23.70	>=500

TX CH 149



Date: 30.SEP.2016 16:14:11