

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 : AP6150DN
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. 03, 2016
Issued Date : Nov. 07, 2016
Tested by : BTL Inc.

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-4-1604C201B	Original Issue.	Nov. 07, 2016

1. CERTIFICATION

Equipment : Wireless LAN Access Point
Brand Name : HUAWEI
Model Name : AP6150DN
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. 03, 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-4-1604C201B) 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 $y \pm U$, 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	3.78
		200MHz ~ 1,000MHz	V	4.10
		200MHz ~ 1,000MHz	H	4.06
		1GHz~18GHz	V	3.12
		1GHz~18GHz	H	3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	H	4.14

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point	
Brand Name	HUAWEI	
Model Name	AP6150DN	
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: 19.09dBm 802.11n (20M): 18.80dBm 802.11n (40M): 18.05dBm 802.11ac Wave2(20 MHz): 18.92dBm 802.11ac Wave2(40 MHz): 17.64dBm 802.11ac Wave2(80 MHz): 11.95dBm 802.11ac Wave2(160 MHz): 11.86 dBm
	Output Power (Max.)for UNII-3 (1TX) Non-Beamforming	802.11a: 19.07dBm 802.11n (20M): 19.01dBm 802.11n (40M): 17.79dBm 802.11ac Wave2(20 MHz): 17.85dBm 802.11ac Wave2(40 MHz): 17.70dBm 802.11ac Wave2(80 MHz): 16.67dBm 802.11ac Wave2(160 MHz): 17.01 dBm
	Output Power (Max.)for UNII-1 (2TX) Non-Beamforming	802.11a: 22.10dBm 802.11n (20M): 21.88dBm 802.11n (40M): 21.11dBm 802.11ac Wave2(20 MHz): 20.99dBm 802.11ac Wave2(40 MHz): 20.78dBm 802.11ac Wave2(80 MHz): 14.16dBm 802.11ac Wave2(160 MHz): 14.41 dBm
	Output Power (Max.)for UNII-3 (2TX) Non-Beamforming	802.11a: 21.88dBm 802.11n (20M): 21.95dBm 802.11n (40M): 20.91dBm 802.11ac Wave2(20 MHz): 21.00dBm 802.11ac Wave2(40 MHz): 20.72dBm 802.11ac Wave2(80 MHz): 21.80dBm 802.11ac Wave2(160 MHz): 19.84 dBm

Output Power	Output Power (Max.)for UNII-1 (3TX) Non-Beamforming	802.11a: 23.60dBm 802.11n (20M): 23.69dBm 802.11n (40M): 22.56dBm 802.11ac Wave2(20 MHz): 22.51dBm 802.11ac Wave2(40 MHz): 22.75dBm 802.11ac Wave2(80 MHz): 14.94dBm
	Output Power (Max.)for UNII-3 (3TX) Non-Beamforming	802.11a: 23.72dBm 802.11n (20M): 23.63dBm 802.11n (40M): 22.72dBm 802.11ac Wave2(20 MHz): 22.85dBm 802.11ac Wave2(40 MHz): 22.61dBm 802.11ac Wave2(80 MHz): 21.67dBm
	Output Power (Max.)for UNII-1 (4TX) Non-Beamforming	802.11a: 25.07dBm 802.11n (20M): 24.92dBm 802.11n (40M): 23.98dBm 802.11ac Wave2(20 MHz): 24.97dBm 802.11ac Wave2(40 MHz): 22.76dBm 802.11ac Wave2(80 MHz): 16.05dBm
	Output Power (Max.)for UNII-3 (4TX) Non-Beamforming	802.11a: 24.93dBm 802.11n (20M): 24.93dBm 802.11n (40M): 24.19dBm 802.11ac Wave2(20 MHz): 24.91dBm 802.11ac Wave2(40 MHz): 24.00dBm 802.11ac Wave2(80 MHz): 23.11dB
	Output Power (Max.)for UNII-1 (2TX) Beamforming	802.11n (20M): 21.80dBm 802.11n (40M): 21.07dBm 802.11ac (20M): 21.90dBm 802.11ac (40M): 20.81dBm 802.11ac (80M): 12.91dBm 802.11ac Wave2(160MHz): 16.98dBm
	Output Power (Max.)for UNII-3 (2TX) Beamforming	802.11n (20M): 21.89dBm 802.11n (40M): 20.91dBm 802.11ac (20M): 21.83dBm 802.11ac (40M): 20.79dBm 802.11ac (80M): 19.71dBm 802.11ac Wave2(160MHz): 16.96dBm
	Output Power (Max.)for UNII-1 (3TX) Beamforming	802.11n (20M): 19.65dBm 802.11n (40M): 19.49dBm 802.11ac (20M): 19.64dBm 802.11ac (40M): 19.57dBm 802.11ac (80M): 14.67dBm
	Output Power (Max.)for UNII-3 (3TX) Beamforming	802.11n (20M): 19.50dBm 802.11n (40M): 19.73dBm 802.11ac (20M): 19.68dBm 802.11ac (40M): 19.62dBm 802.11ac (80M): 19.88dBm

Output Power	Output Power (Max.)for UNII-1 (4TX) Beamforming	802.11n (20M): 19.98dBm 802.11n (40M): 20.00dBm 802.11ac (20M): 19.97dBm 802.11ac (40M): 18.78dBm 802.11ac (80M): 16.08dBm
	Output Power (Max.)for UNII-3 (4TX) Beamforming	802.11n (20M): 19.79dBm 802.11n (40M): 19.94dBm 802.11ac (20M): 19.99dBm 802.11ac (40M): 19.89dBm 802.11ac (80M): 20.09dBm

Note:

- For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 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.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	中山通宇	TT-245804-6W1	External	SMA	4.82
2	中山通宇	TT-245804-6W1	External	SMA	4.82
3	中山通宇	TT-245804-6W1	External	SMA	4.82
4	中山通宇	TT-245804-6W1	External	SMA	4.82

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides four completed transmitters and receivers (4T4R).

(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 = $4.82 + 10\log(2/2) = 4.82 + 0 = 4.82$ dBi.

(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 = $4.82 + 10\log(3/3) = 4.82 + 0 = 4.82$ dBi.

(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 = $4.82 + 10\log(4/4) = 4.82 + 0 = 4.82$ dBi.

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)	V (ANT 1+ANT 2)
802.11ac Wave2(160MHz)	-	V (Ant 1+Ant 2)

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)
802.11ac Wave2(160MHz)	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	19	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	19	19	19
Frequency (MHz)	5190	5230	
N40 Mode	14	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	19	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	13	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	12		

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	12	17	

UNII-1 - 2TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	18	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	18	19	19
Frequency (MHz)	5190	5230	
N40 Mode	13	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	18	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	12	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	11		

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	11	17	

UNII-1 - 3TX Non-Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
A Mode	18	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	17	19	19
Frequency (MHz)	5190	5230	
N40 Mode	12	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	17	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	11	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	10		

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	18	19	19
Frequency (MHz)	5180	5200	5240
N20 Mode	17	19	19
Frequency (MHz)	5190	5230	
N40 Mode	12	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	17	19	19
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	11	18	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	10		

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	16	16	16
Frequency (MHz)	5190	5230	
N40 Mode	13	16	

UNII-3 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
N20 Mode	16	16	16
Frequency (MHz)	5755	5795	
N40 Mode	16	16	

UNII-1 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
AC Wave2(20 MHz) Mode	16	16	16
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	12	16	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	11		

UNII-3 - 2TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5745	5785	5825
AC Wave2(20 MHz) Mode	16	16	16
Frequency (MHz)	5755	5795	
AC Wave2(40 MHz) Mode	16	16	
Frequency (MHz)	5775		
AC Wave2(80 MHz) Mode	16		

UNII-1 - 3TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
N20 Mode	15	15	15
Frequency (MHz)	5190	5230	
N40 Mode	12	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	15	15	15
Frequency (MHz)	5190	5230	
AC Wave2(40 MHz) Mode	11	15	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	10		

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		

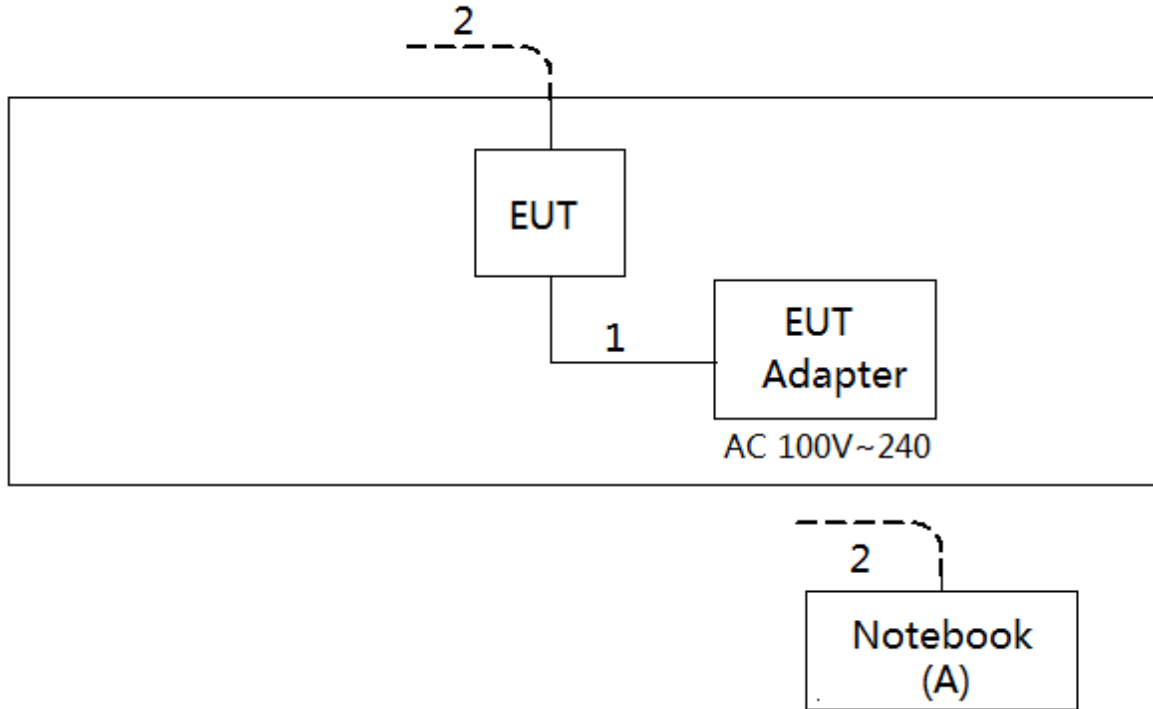
UNII-1 - 4TX Beamforming			
Test Software Version	QRCT		
Frequency (MHz)	5180	5200	5240
N20 Mode	14	14	14
Frequency (MHz)	5190	5230	
N40 Mode	12	14	

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	11	14	
Frequency (MHz)	5210		
AC Wave2(80 MHz) Mode	10		

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	JX193A01SDC2

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.

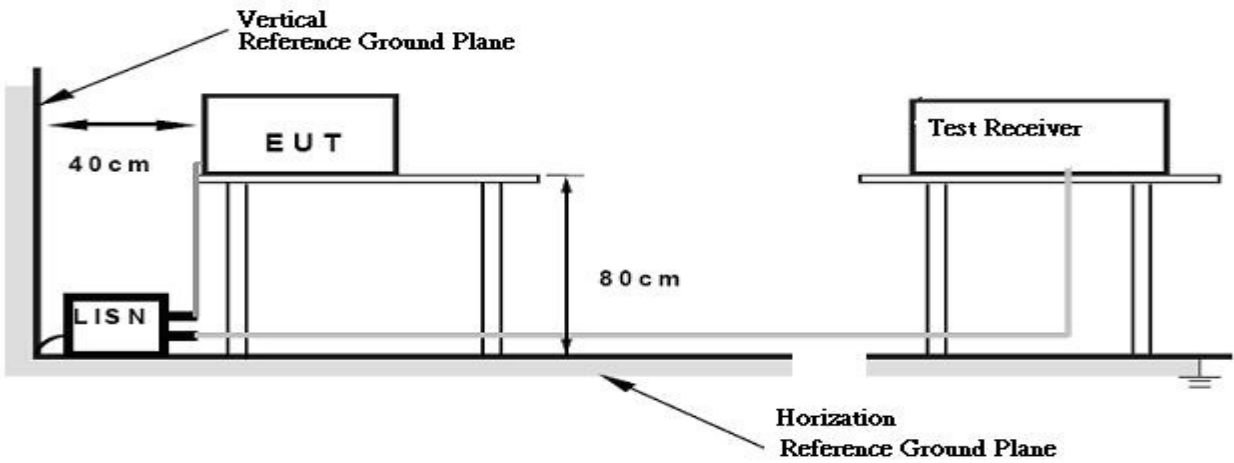
4.1.2 TEST PROCEDURE

- 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: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of「Note」. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “*” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150kHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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 (microrvolts/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: $E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m}$, 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 the band 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 or below 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

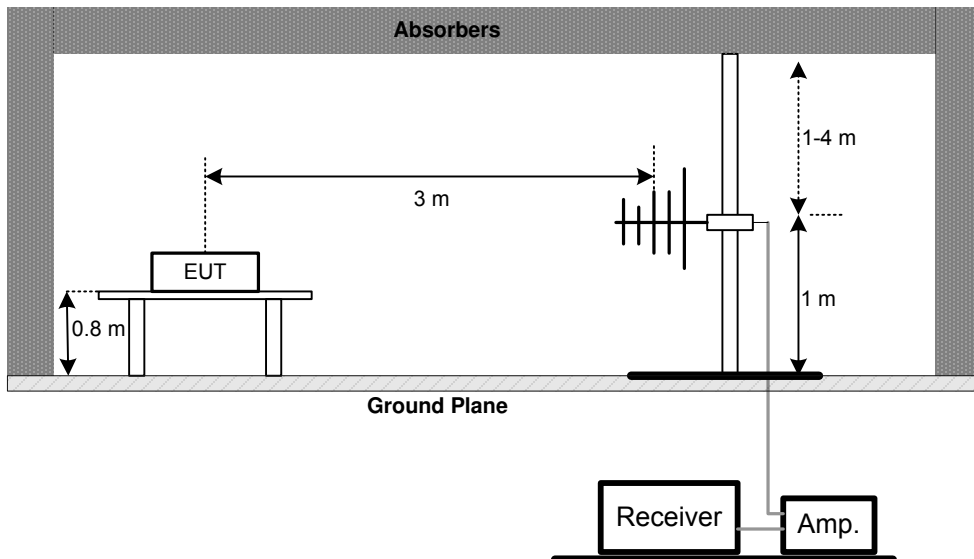
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance 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

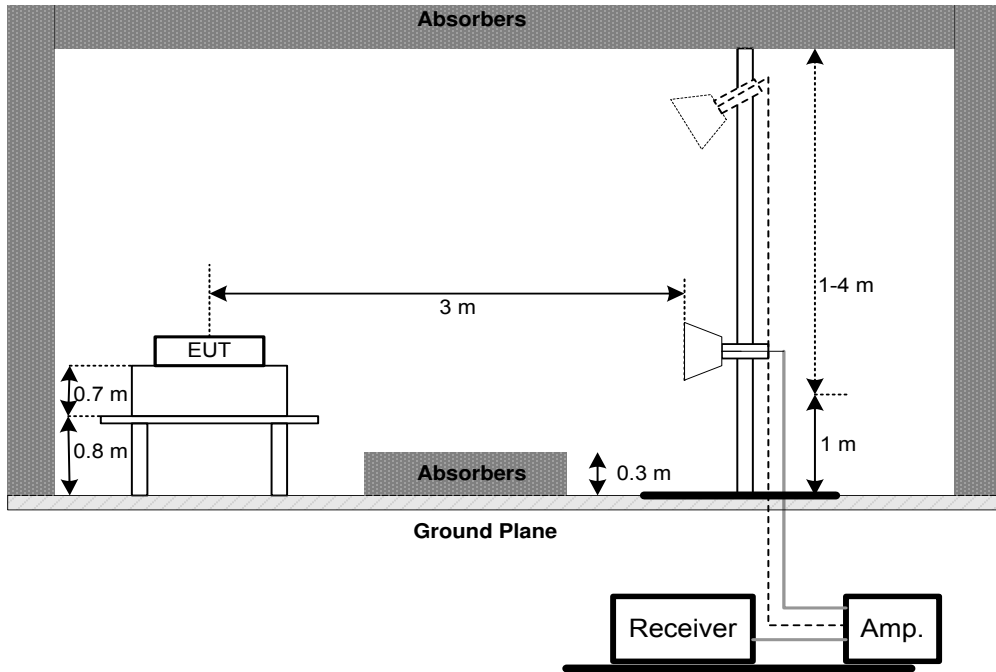
No deviation

4.2.4 TEST SETUP

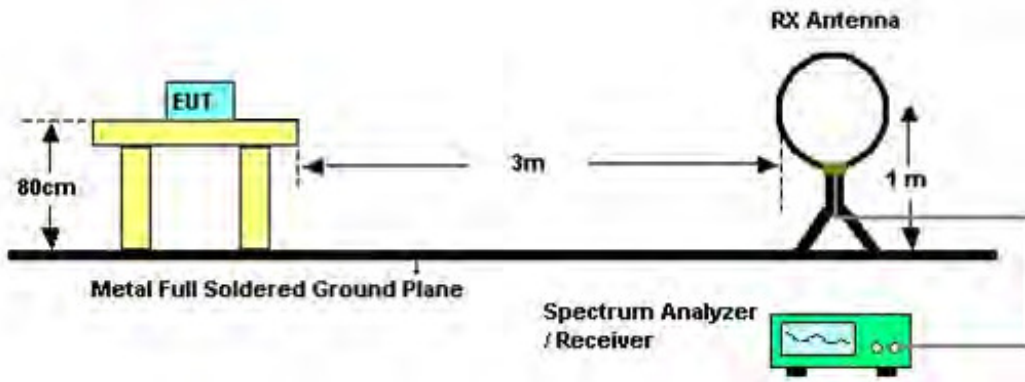
(A)Radiated Emission Test Set-Up Frequency Below 1GHz



(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.

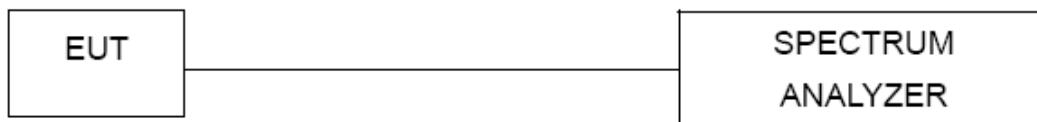
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

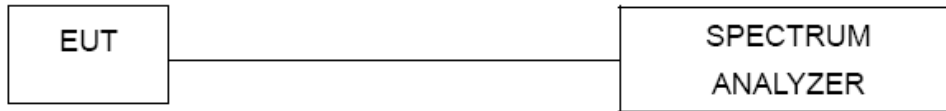
Note:

- 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.
- The value measured with RBW=1MHz is to be added with $10\log(500\text{kHz}/1\text{MHz})$ which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

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

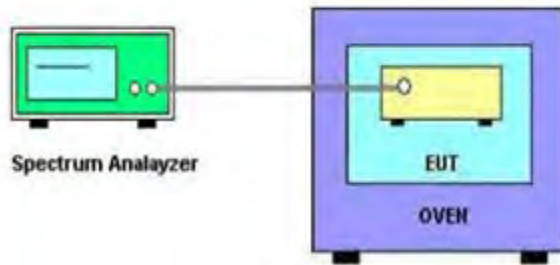
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°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	Schwarzbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 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	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-S M-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 Pre-amplifier 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	Oct. 11, 2016

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	P-series Power meter	Agilent	N1911A	MY45100473	Oct. 26, 2016
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Oct. 26, 2016

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

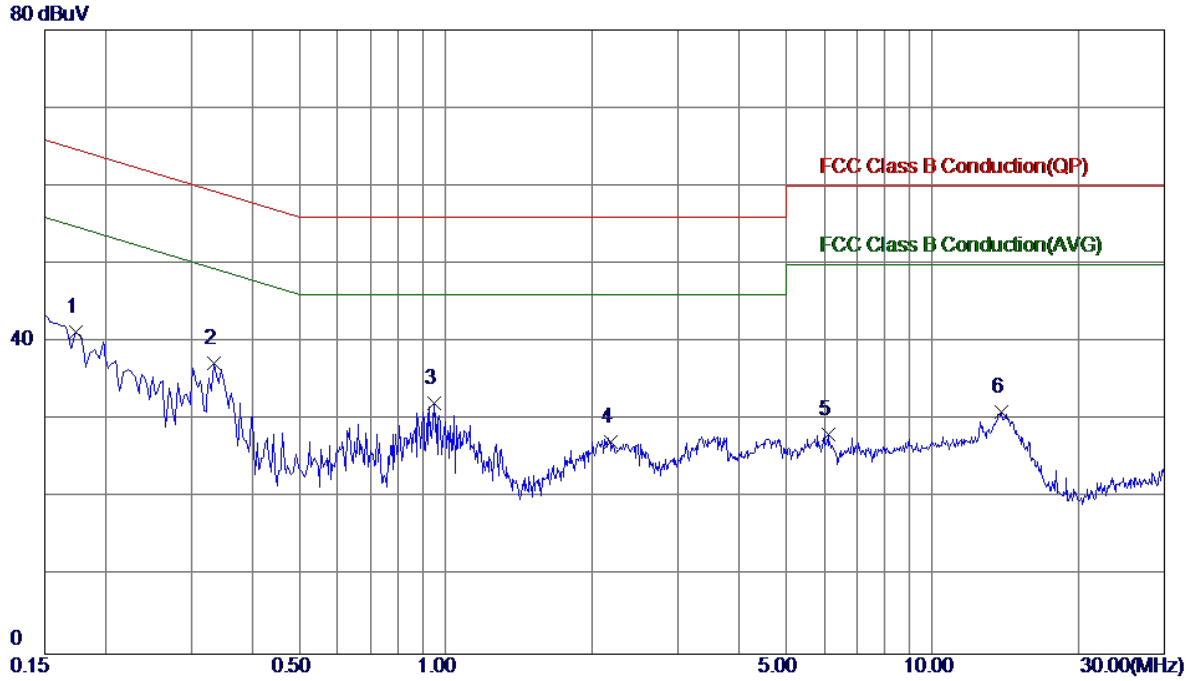
Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Oct. 11, 2016
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May 22, 2017

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. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1740	31.70	9.52	41.22	64.77	-23.55	Peak	
2 *	0.3339	27.70	9.53	37.23	59.35	-22.12	Peak	
3	0.9460	22.45	9.76	32.21	56.00	-23.79	Peak	
4	2.1860	17.19	9.96	27.15	56.00	-28.85	Peak	
5	6.1180	18.09	10.08	28.17	60.00	-31.83	Peak	
6	13.8820	20.64	10.33	30.97	60.00	-29.03	Peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1650	32.55	9.45	42.00	65.21	-23.21	Peak	
2 *	0.3339	29.92	9.53	39.45	59.35	-19.90	Peak	
3	0.6620	22.91	9.45	32.36	56.00	-23.64	Peak	
4	1.3020	22.57	9.67	32.24	56.00	-23.76	Peak	
5	2.8100	17.92	9.79	27.71	56.00	-28.29	Peak	
6	13.8060	19.65	10.35	30.00	60.00	-30.00	Peak	

Note : The test result has included the cable loss.

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

Test Mode: TX MODE

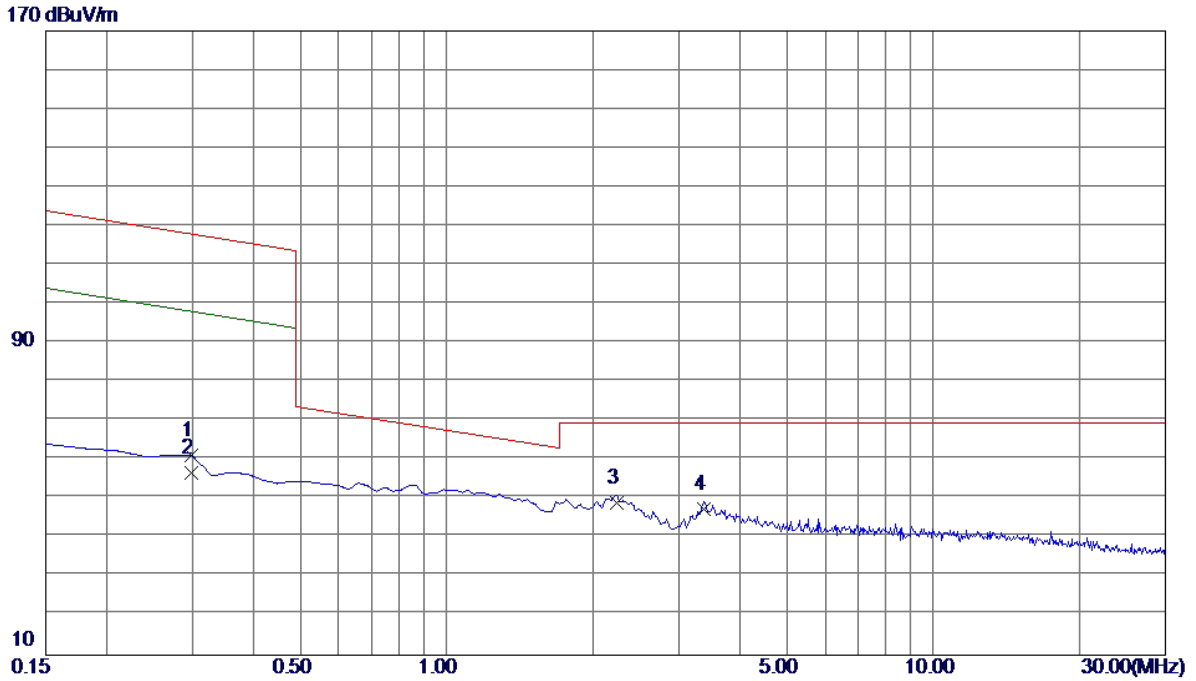
Ant 0°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0326	47.78	21.97	69.75	142.67	-72.92	Peak	
2	0.0326	41.24	21.97	63.21	122.67	-59.46	AVG	
3	0.0640	46.92	19.66	66.58	134.92	-68.34	Peak	
4	0.0640	40.11	19.66	59.77	114.91	-55.14	AVG	
5 *	0.0952	45.75	18.64	64.39	108.06	-43.67	Peak	
6	0.0952	39.34	18.64	57.98	999.00	-941.02	AVG	

Test Mode: TX MODE

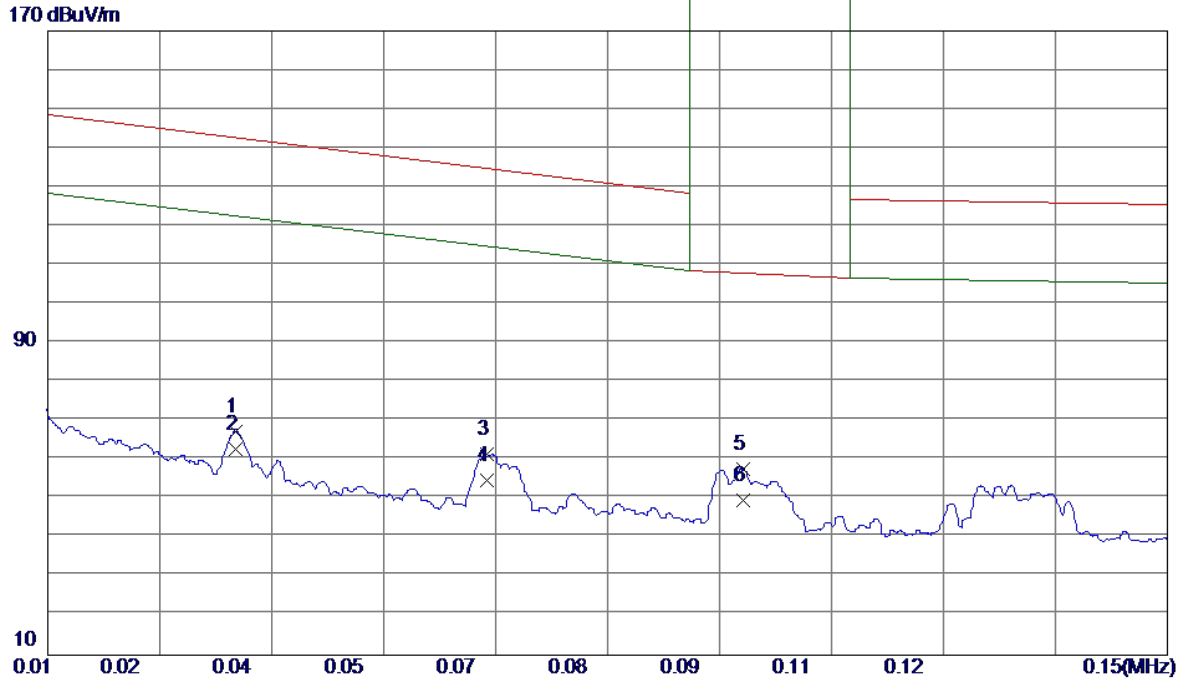
Ant 0°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.2993	42.70	18.59	61.29	120.31	-59.02	Peak	
2	0.2993	38.28	18.59	56.87	100.31	-43.44	AVG	
3 *	2.2395	31.37	17.60	48.97	69.54	-20.57	QP	
4	3.3738	30.05	17.42	47.47	69.54	-22.07	QP	

Test Mode: TX MODE

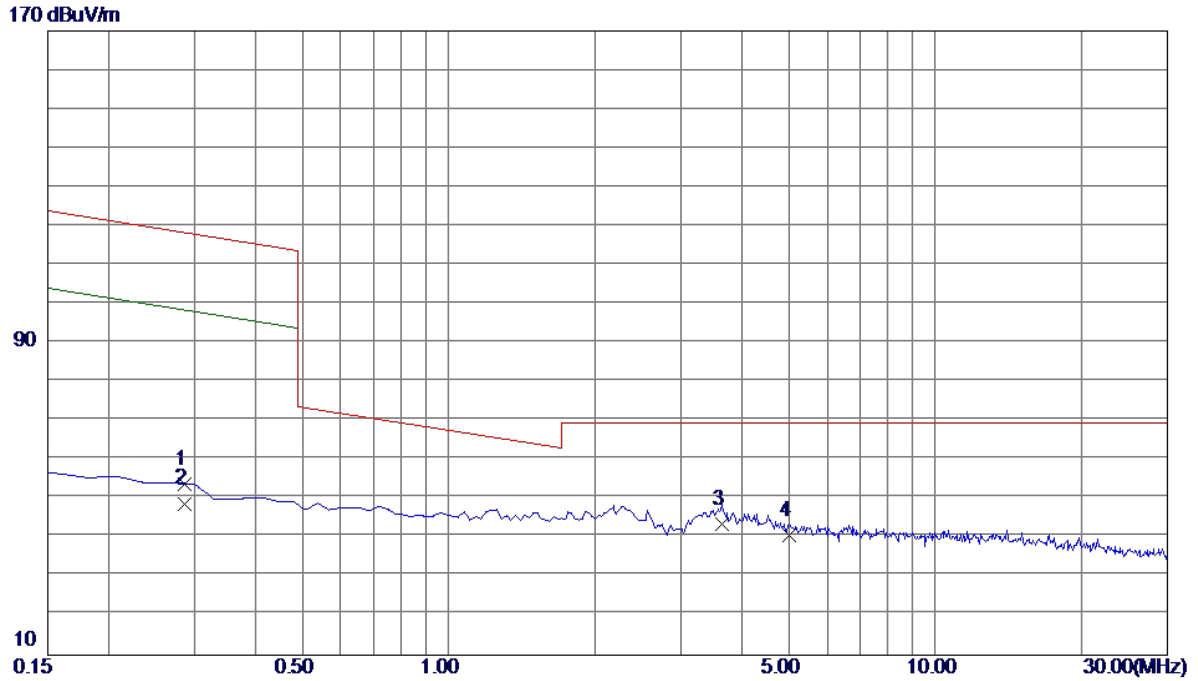
Ant 90°



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0326	45.42	21.97	67.39	142.67	-75.28	Peak	
2	0.0326	40.75	21.97	62.72	122.67	-59.95	AVG	
3	0.0643	41.88	19.65	61.53	134.84	-73.31	Peak	
4	0.0643	35.15	19.65	54.80	114.84	-60.04	AVG	
5 *	0.0966	39.12	18.58	57.70	107.94	-50.24	Peak	
6	0.0966	31.24	18.58	49.82	999.00	-949.18	AVG	

Test Mode: TX MODE

Ant 90°

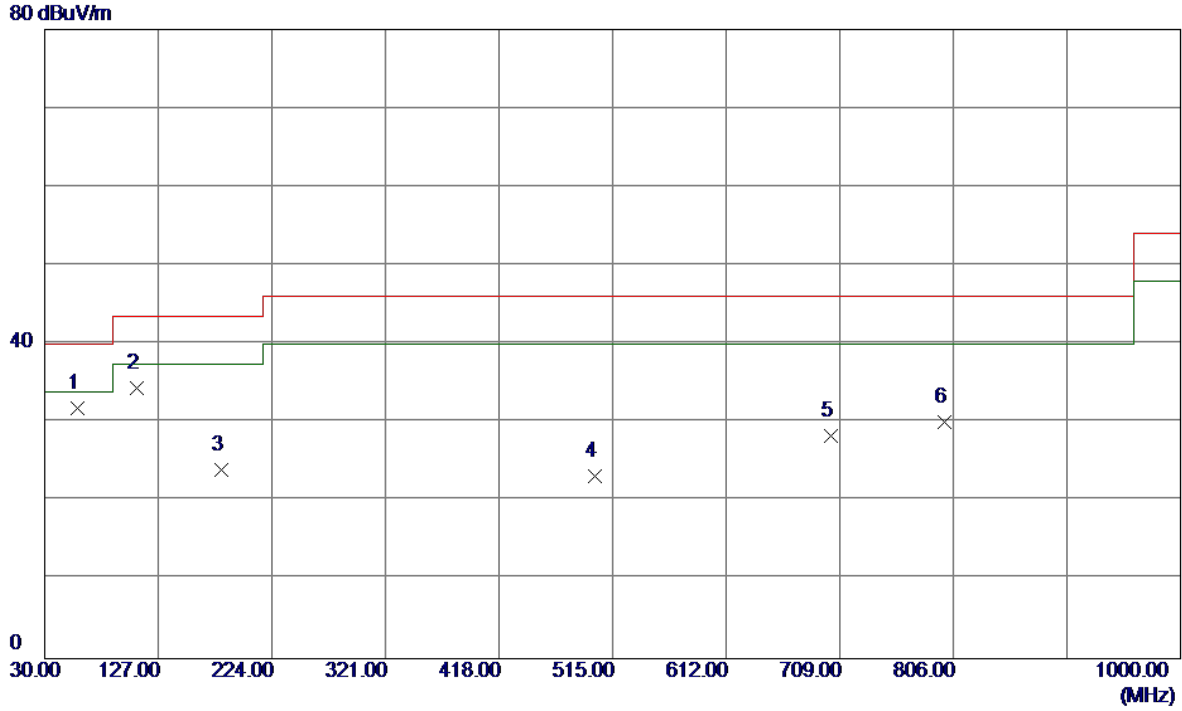


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.2863	35.37	18.61	53.98	120.76	-66.78	Peak	
2	0.2863	30.27	18.61	48.88	100.76	-51.88	AVG	
3 *	3.6425	25.72	18.00	43.72	69.54	-25.82	QP	
4	5.0156	24.01	16.68	40.69	69.54	-28.85	QP	

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

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

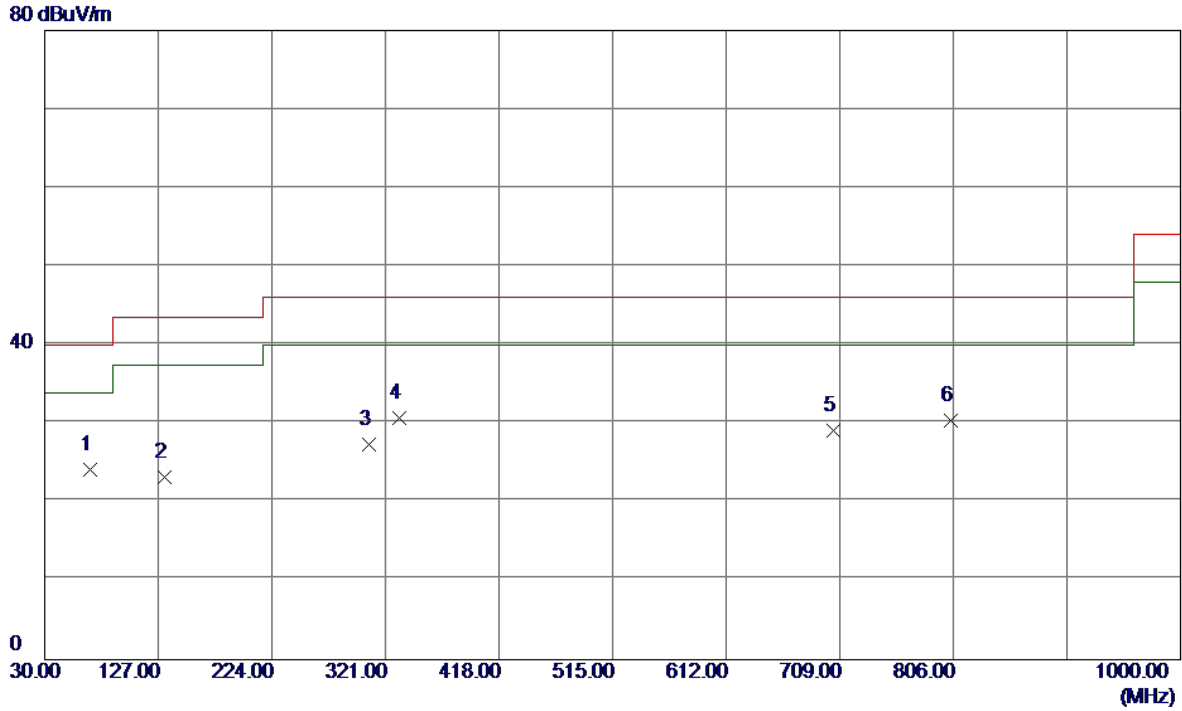
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	57.6450	45.57	-13.73	31.84	40.00	-8.16	Peak	
2	109.0550	49.20	-14.73	34.47	43.50	-9.03	Peak	
3	180.8350	36.86	-12.93	23.93	43.50	-19.57	Peak	
4	499.9650	32.97	-9.72	23.25	46.00	-22.75	Peak	
5	701.2400	30.47	-2.10	28.37	46.00	-17.63	Peak	
6	798.2400	29.83	0.18	30.01	46.00	-15.99	Peak	

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

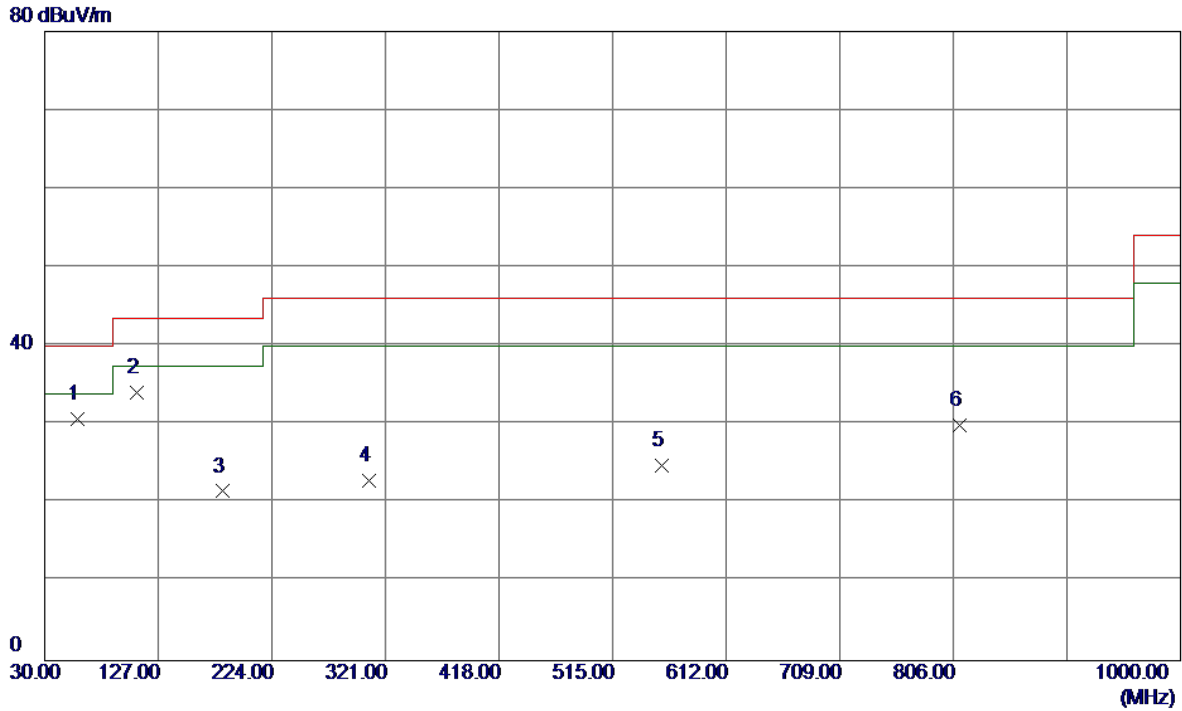
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	69.2850	40.45	-16.33	24.12	40.00	-15.88	Peak	
2	132.3350	35.93	-12.68	23.25	43.50	-20.25	Peak	
3	307.4200	37.73	-10.32	27.41	46.00	-18.59	Peak	
4 *	332.6400	41.51	-10.85	30.66	46.00	-15.34	Peak	
5	703.1800	31.22	-2.09	29.13	46.00	-16.87	Peak	
6	803.5750	30.20	0.15	30.35	46.00	-15.65	Peak	

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

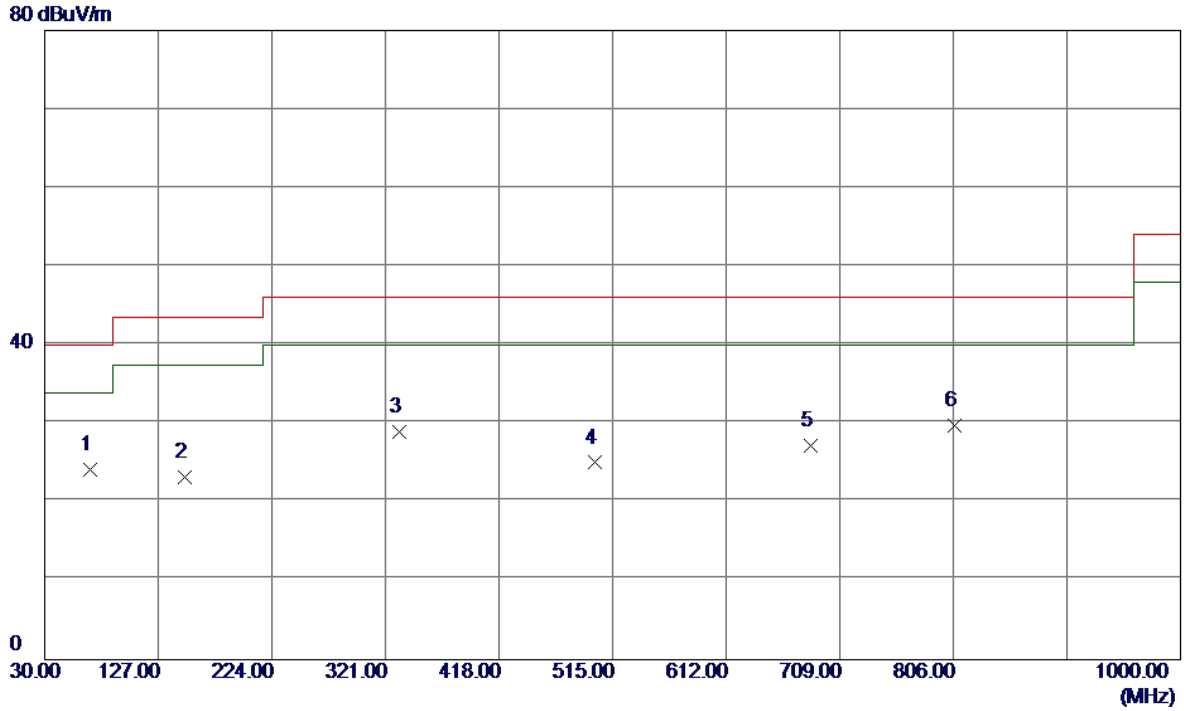
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	58.1300	44.58	-13.83	30.75	40.00	-9.25	Peak	
2	109.0550	48.74	-14.73	34.01	43.50	-9.49	Peak	
3	181.8049	34.56	-13.04	21.52	43.50	-21.98	Peak	
4	306.9350	33.24	-10.31	22.93	46.00	-23.07	Peak	
5	556.7100	29.68	-4.88	24.80	46.00	-21.20	Peak	
6	811.3350	29.97	-0.08	29.89	46.00	-16.11	Peak	

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

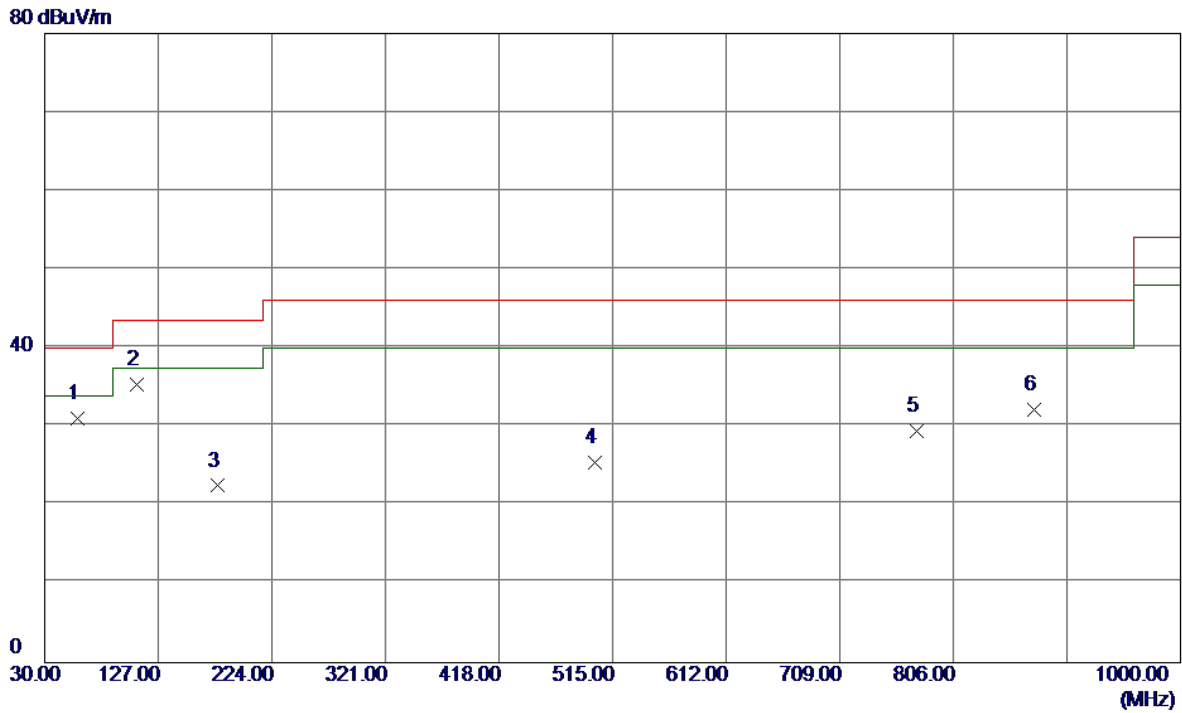
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	69.2850	40.48	-16.33	24.15	40.00	-15.85	Peak	
2	149.7950	36.22	-12.97	23.25	43.50	-20.25	Peak	
3	332.6400	39.85	-10.85	29.00	46.00	-17.00	Peak	
4	499.9650	34.76	-9.72	25.04	46.00	-20.96	Peak	
5	684.2650	29.95	-2.75	27.20	46.00	-18.80	Peak	
6	806.9699	29.76	0.05	29.81	46.00	-16.19	Peak	

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

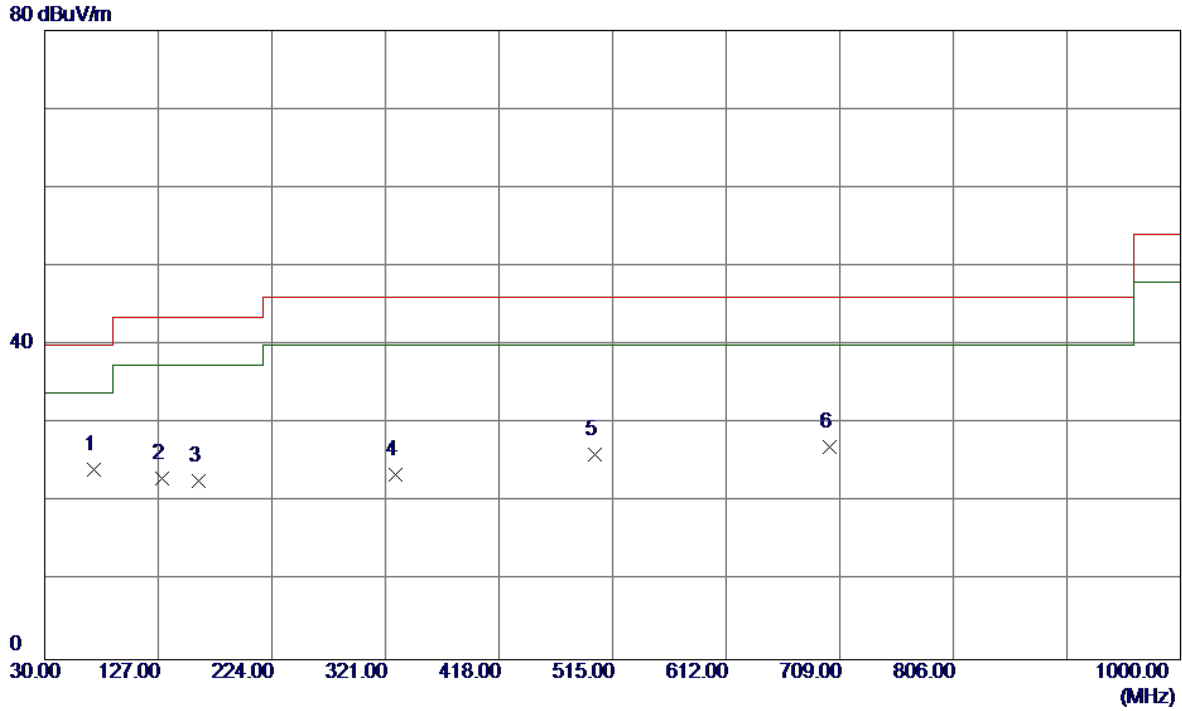
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	58.1300	44.84	-13.83	31.01	40.00	-8.99	Peak	
2 *	108.5700	50.19	-14.77	35.42	43.50	-8.08	Peak	
3	177.9250	35.19	-12.71	22.48	43.50	-21.02	Peak	
4	499.9650	35.12	-9.72	25.40	46.00	-20.60	Peak	
5	774.9600	30.35	-0.86	29.49	46.00	-16.51	Peak	
6	874.8700	31.55	0.68	32.23	46.00	-13.77	Peak	

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

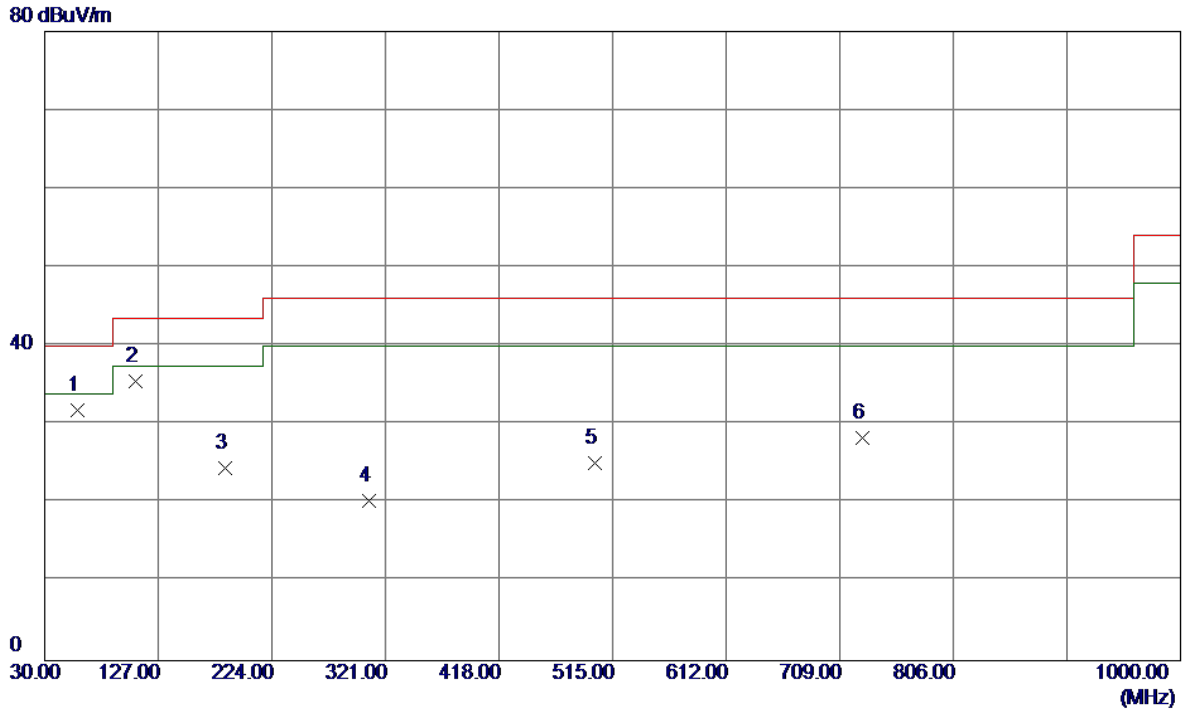
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	72.1950	40.75	-16.55	24.20	40.00	-15.80	Peak	
2	130.3950	35.45	-12.41	23.04	43.50	-20.46	Peak	
3	161.9200	34.84	-12.16	22.68	43.50	-20.82	Peak	
4	329.7300	34.38	-10.79	23.59	46.00	-22.41	Peak	
5	499.9650	35.80	-9.72	26.08	46.00	-19.92	Peak	
6	700.2700	29.07	-2.10	26.97	46.00	-19.03	Peak	

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

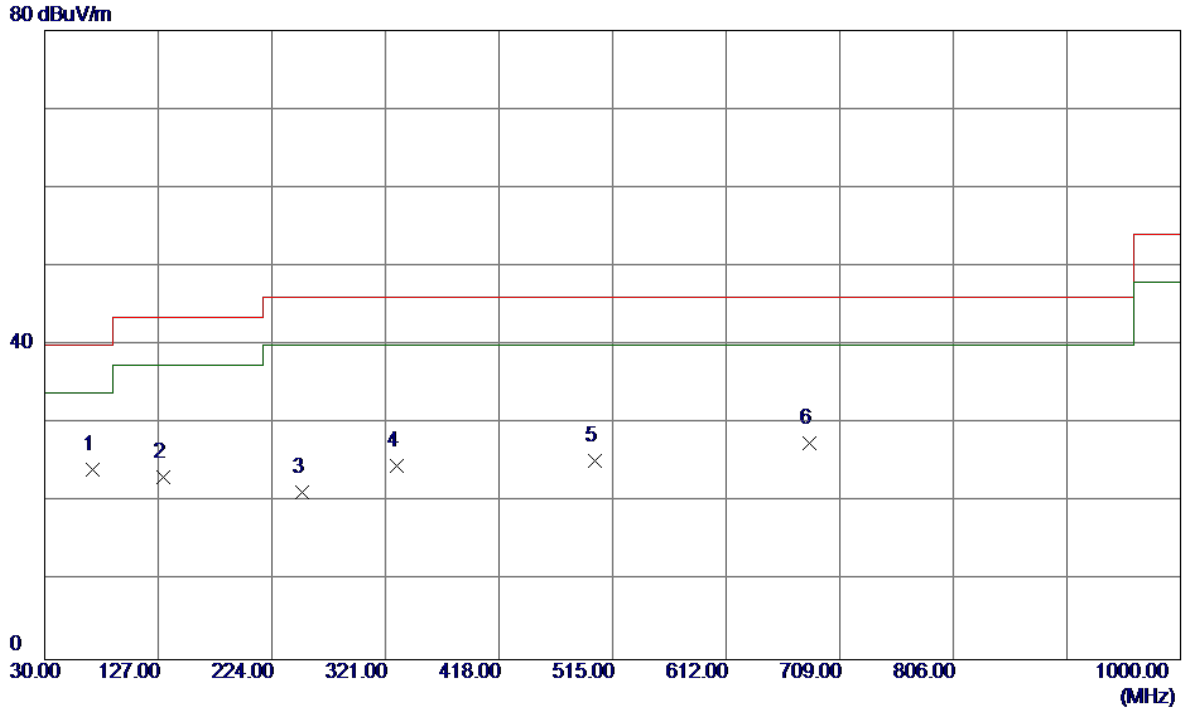
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	57.6450	45.52	-13.73	31.79	40.00	-8.21	Peak	
2 *	108.0850	50.39	-14.81	35.58	43.50	-7.92	Peak	
3	184.2300	37.73	-13.30	24.43	43.50	-19.07	Peak	
4	307.4200	30.69	-10.32	20.37	46.00	-25.63	Peak	
5	499.9650	34.81	-9.72	25.09	46.00	-20.91	Peak	
6	728.4000	30.30	-2.03	28.27	46.00	-17.73	Peak	

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

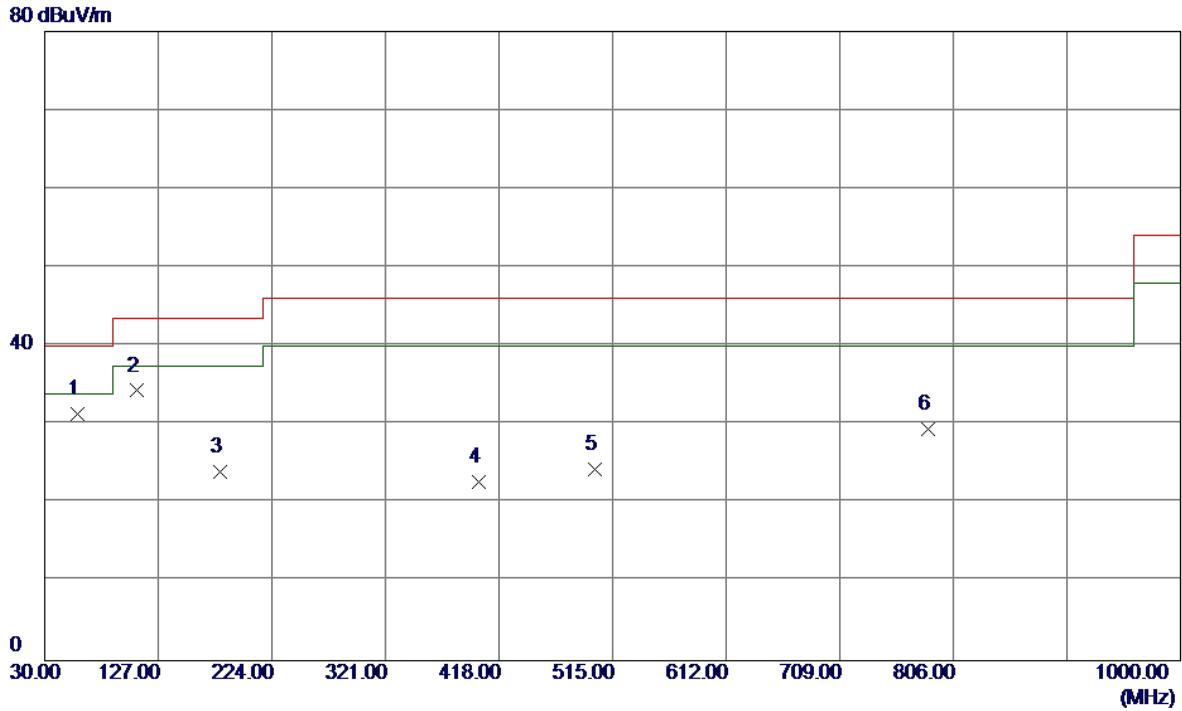
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	71.2250	40.72	-16.54	24.18	40.00	-15.82	Peak	
2	131.3650	35.69	-12.54	23.15	43.50	-20.35	Peak	
3	250.1900	35.45	-14.20	21.25	46.00	-24.75	Peak	
4	331.1850	35.53	-10.82	24.71	46.00	-21.29	Peak	
5	499.9650	34.98	-9.72	25.26	46.00	-20.74	Peak	
6	683.2950	30.28	-2.80	27.48	46.00	-18.52	Peak	

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

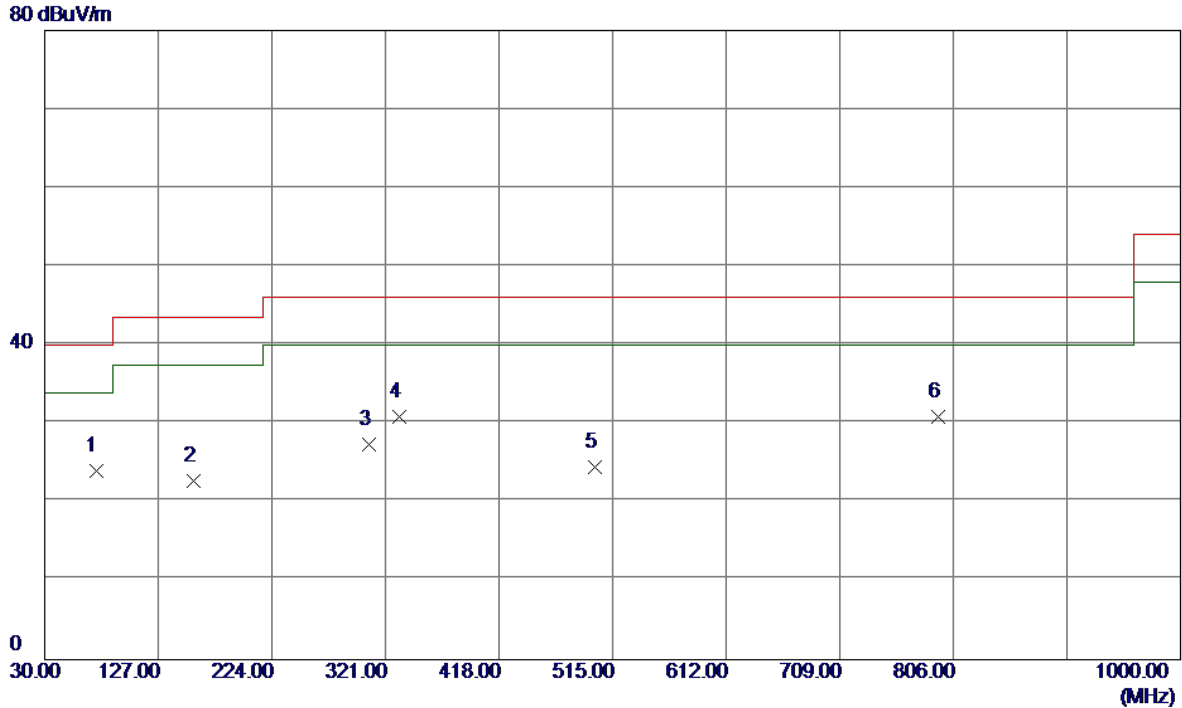
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	58.1300	45.21	-13.83	31.38	40.00	-8.62	Peak	
2	109.0550	49.05	-14.73	34.32	43.50	-9.18	Peak	
3	179.8650	36.87	-12.83	24.04	43.50	-19.46	Peak	
4	401.0250	30.54	-7.78	22.76	46.00	-23.24	Peak	
5	499.9650	34.04	-9.72	24.32	46.00	-21.68	Peak	
6	784.6599	29.92	-0.42	29.50	46.00	-16.50	Peak	

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

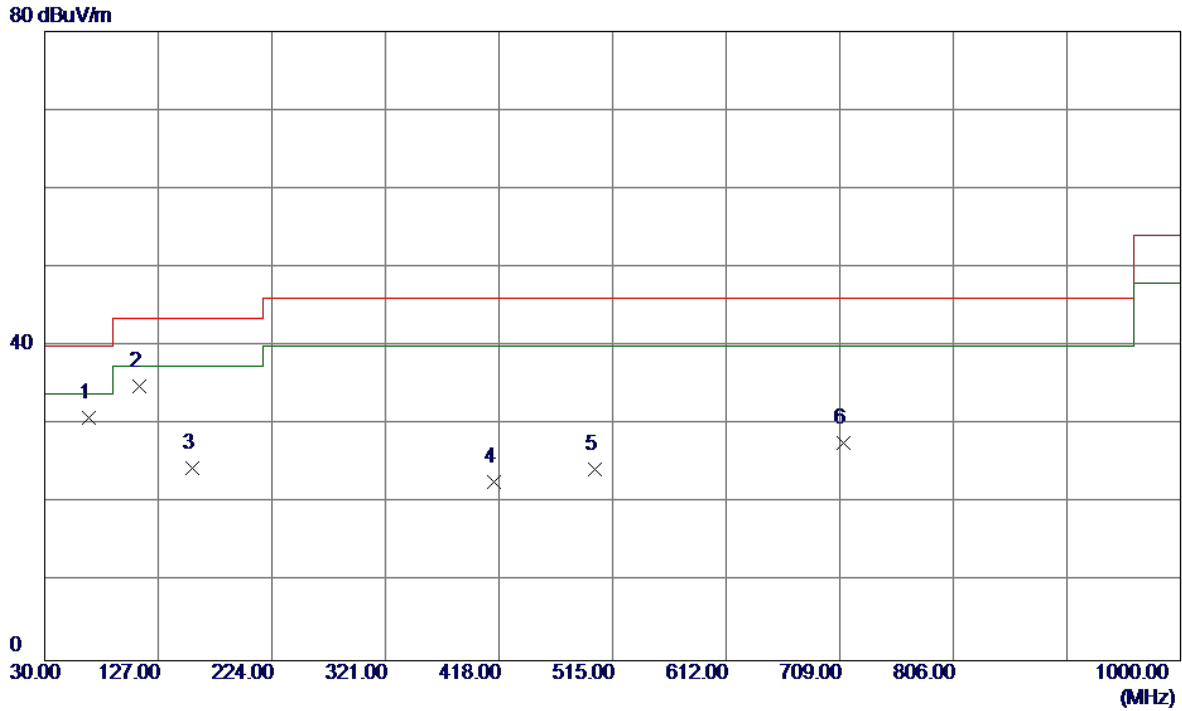
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	73.6500	40.64	-16.57	24.07	40.00	-15.93	Peak	
2	157.0700	35.06	-12.38	22.68	43.50	-20.82	Peak	
3	307.4200	37.70	-10.32	27.38	46.00	-18.62	Peak	
4 *	332.6400	41.75	-10.85	30.90	46.00	-15.10	Peak	
5	499.9650	34.20	-9.72	24.48	46.00	-21.52	Peak	
6	792.9050	30.87	-0.06	30.81	46.00	-15.19	Peak	

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

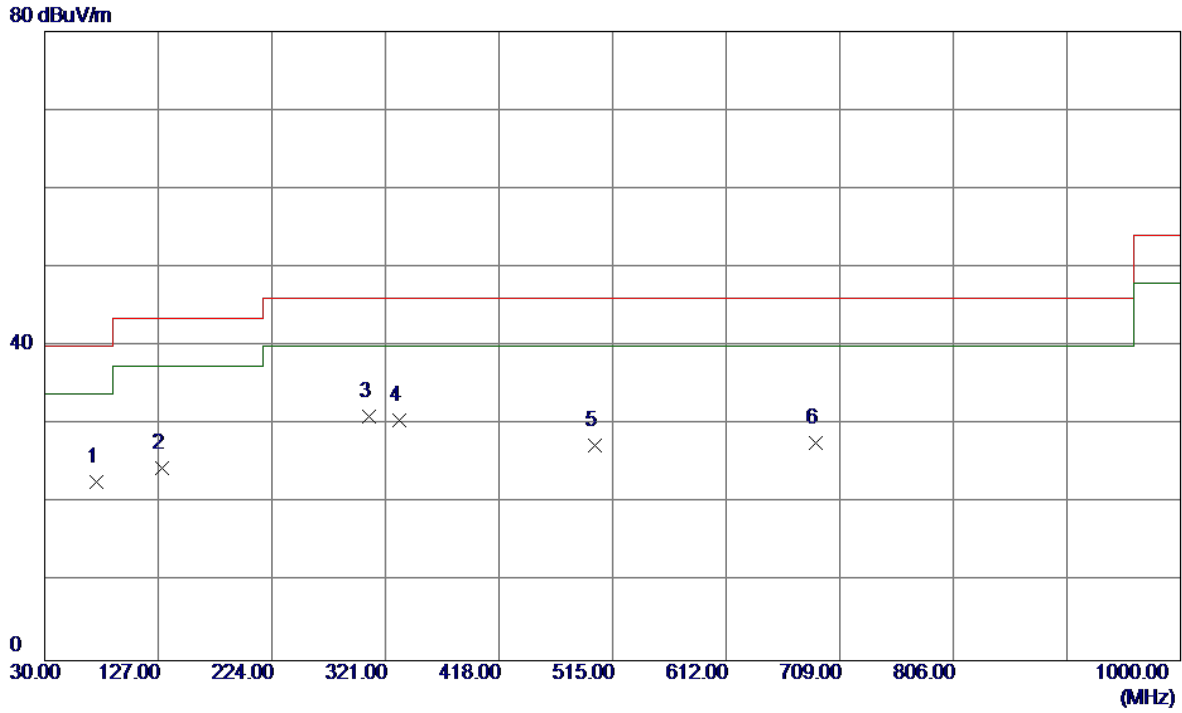
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	67.8300	46.89	-15.94	30.95	40.00	-9.05	Peak	
2 *	110.5100	49.42	-14.60	34.82	43.50	-8.68	Peak	
3	156.1000	36.89	-12.46	24.43	43.50	-19.07	Peak	
4	413.6350	30.50	-7.84	22.66	46.00	-23.34	Peak	
5	499.9650	34.01	-9.72	24.29	46.00	-21.71	Peak	
6	711.9099	29.68	-2.07	27.61	46.00	-18.39	Peak	

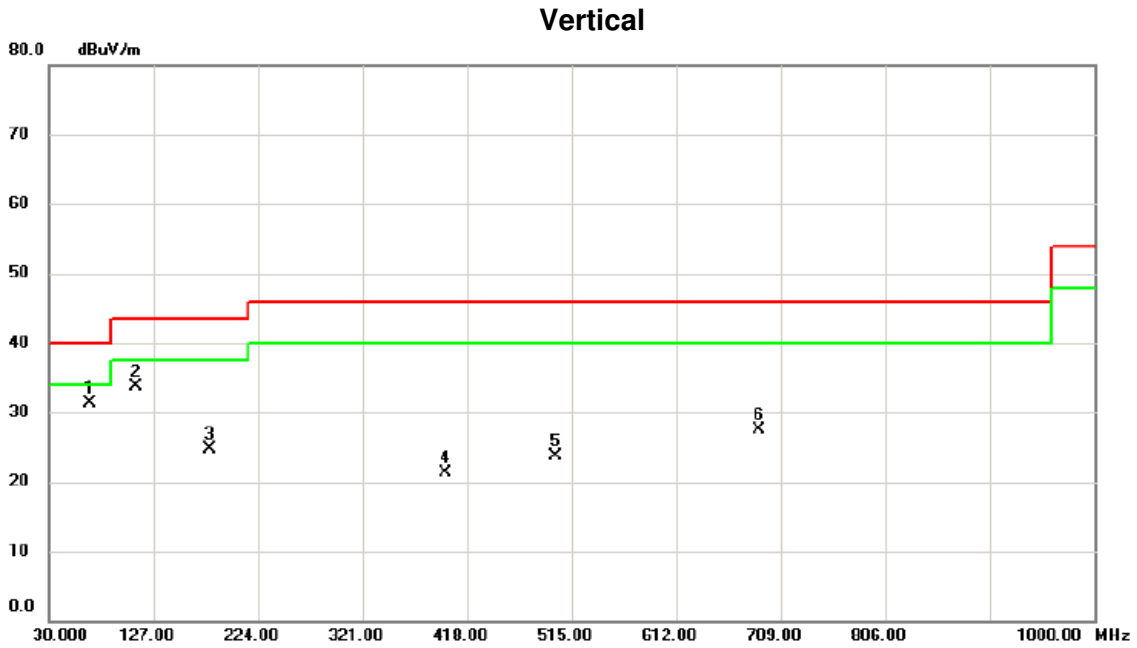
Test Mode: UNII-3/TX A Mode 5825MHz

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	74.1350	39.29	-16.57	22.72	40.00	-17.28	Peak	
2	129.9100	36.87	-12.36	24.51	43.50	-18.99	Peak	
3 *	307.4200	41.36	-10.32	31.04	46.00	-14.96	Peak	
4	332.6400	41.46	-10.85	30.61	46.00	-15.39	Peak	
5	499.9650	37.13	-9.72	27.41	46.00	-18.59	Peak	
6	688.6300	30.23	-2.57	27.66	46.00	-18.34	Peak	

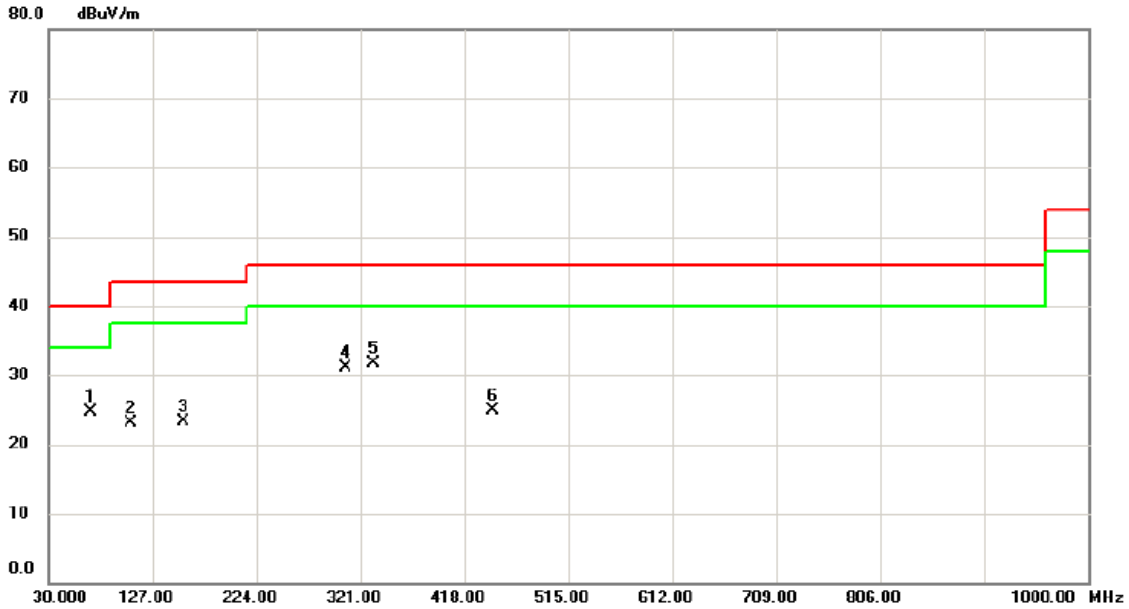
Test Mode: TX AC Wave2(160 MHz) Mode 5210MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	67.830	47.29	-15.94	31.35	40.00	-8.65	peak	
2		110.510	48.39	-14.59	33.80	43.50	-9.70	peak	
3		178.895	37.52	-12.77	24.75	43.50	-18.75	peak	
4		397.630	29.34	-7.94	21.40	46.00	-24.60	peak	
5		499.965	33.46	-9.72	23.74	46.00	-22.26	peak	
6		688.630	30.17	-2.57	27.60	46.00	-18.40	peak	

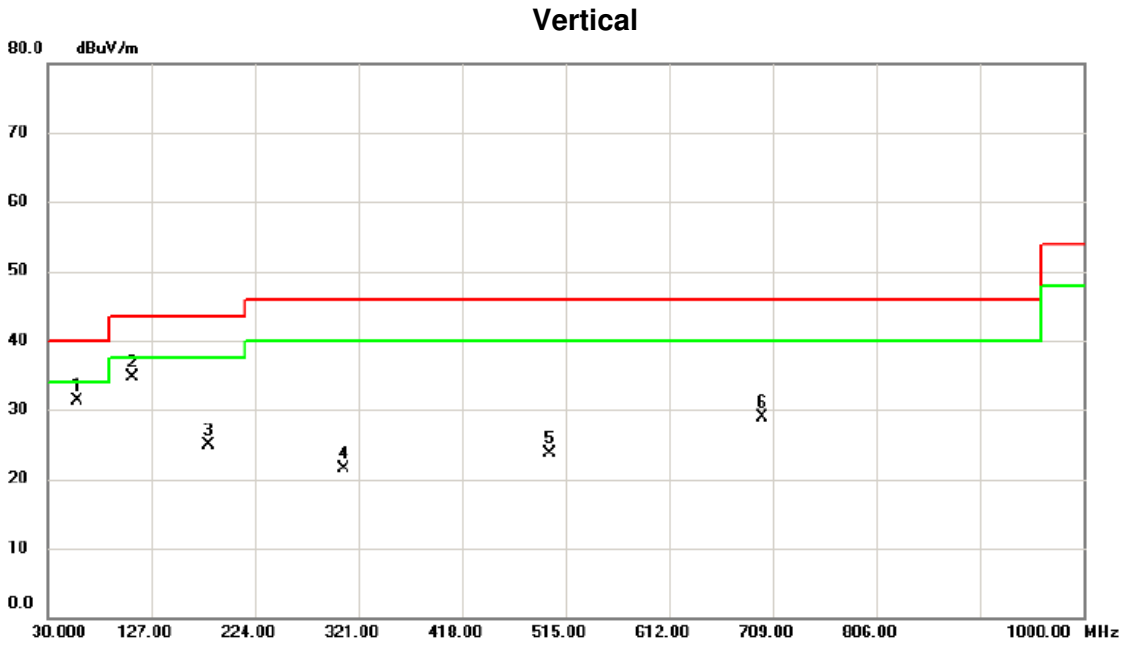
Test Mode: TX AC Wave2(160 MHz) Mode 5210MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		69.285	41.00	-16.34	24.66	40.00	-15.34	peak	
2		107.115	38.08	-14.89	23.19	43.50	-20.31	peak	
3		156.100	35.84	-12.46	23.38	43.50	-20.12	peak	
4		307.420	41.44	-10.32	31.12	46.00	-14.88	peak	
5	*	332.640	42.47	-10.84	31.63	46.00	-14.37	peak	
6		444.190	32.80	-7.98	24.82	46.00	-21.18	peak	

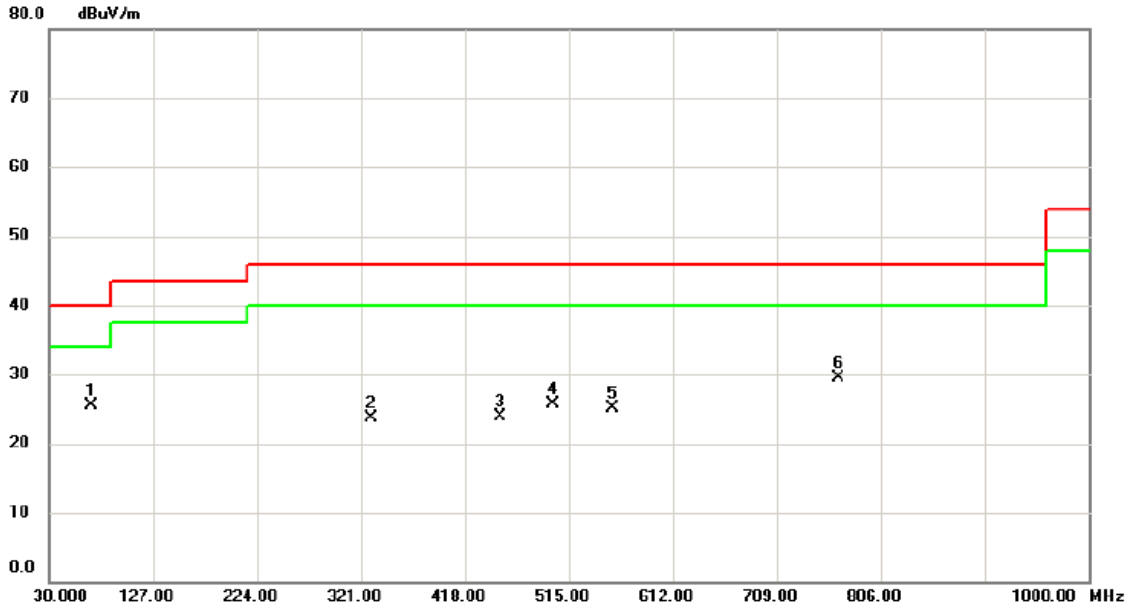
Test Mode: TX AC Wave2(160 MHz) Mode 5775MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		58.130	45.03	-13.82	31.21	40.00	-8.79	peak	
2	*	109.055	49.47	-14.73	34.74	43.50	-8.76	peak	
3		180.350	37.70	-12.88	24.82	43.50	-18.68	peak	
4		306.935	31.80	-10.31	21.49	46.00	-24.51	peak	
5		499.965	33.37	-9.72	23.65	46.00	-22.35	peak	
6		699.300	31.07	-2.13	28.94	46.00	-17.06	peak	

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

Horizontal



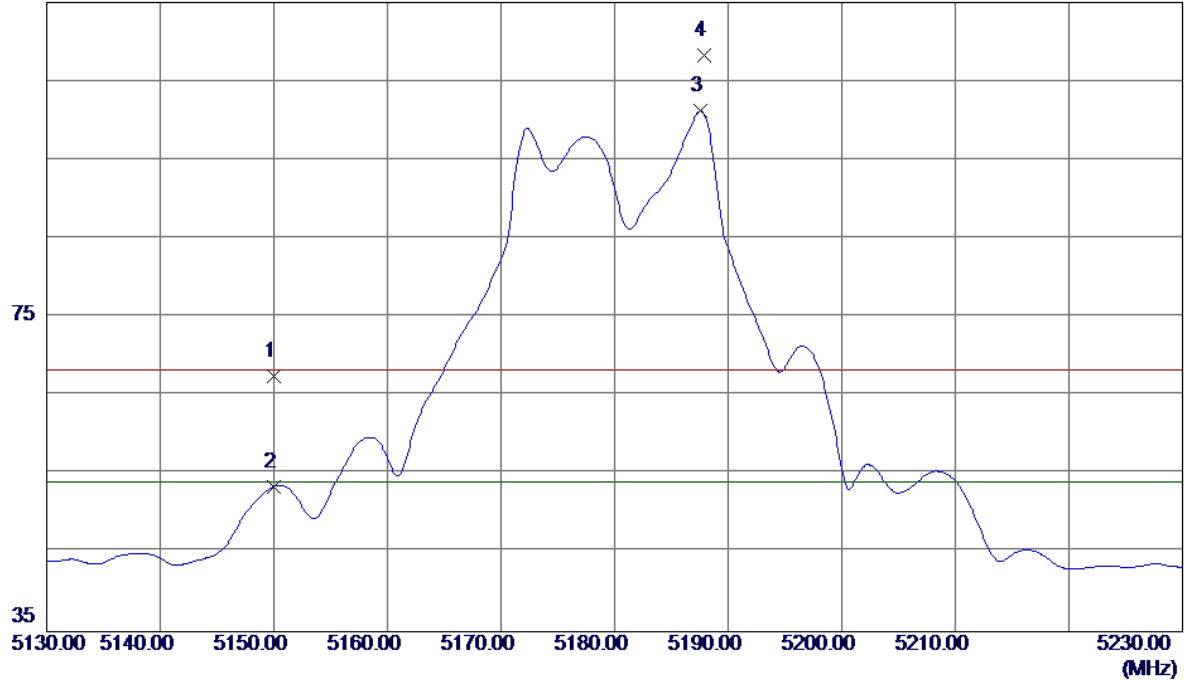
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	69.770	42.02	-16.47	25.55	40.00	-14.45	peak	
2		331.185	34.51	-10.81	23.70	46.00	-22.30	peak	
3		450.495	31.86	-8.02	23.84	46.00	-22.16	peak	
4		499.965	35.48	-9.72	25.76	46.00	-20.24	peak	
5		556.225	30.01	-4.86	25.15	46.00	-20.85	peak	
6		766.230	30.78	-1.25	29.53	46.00	-16.47	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical

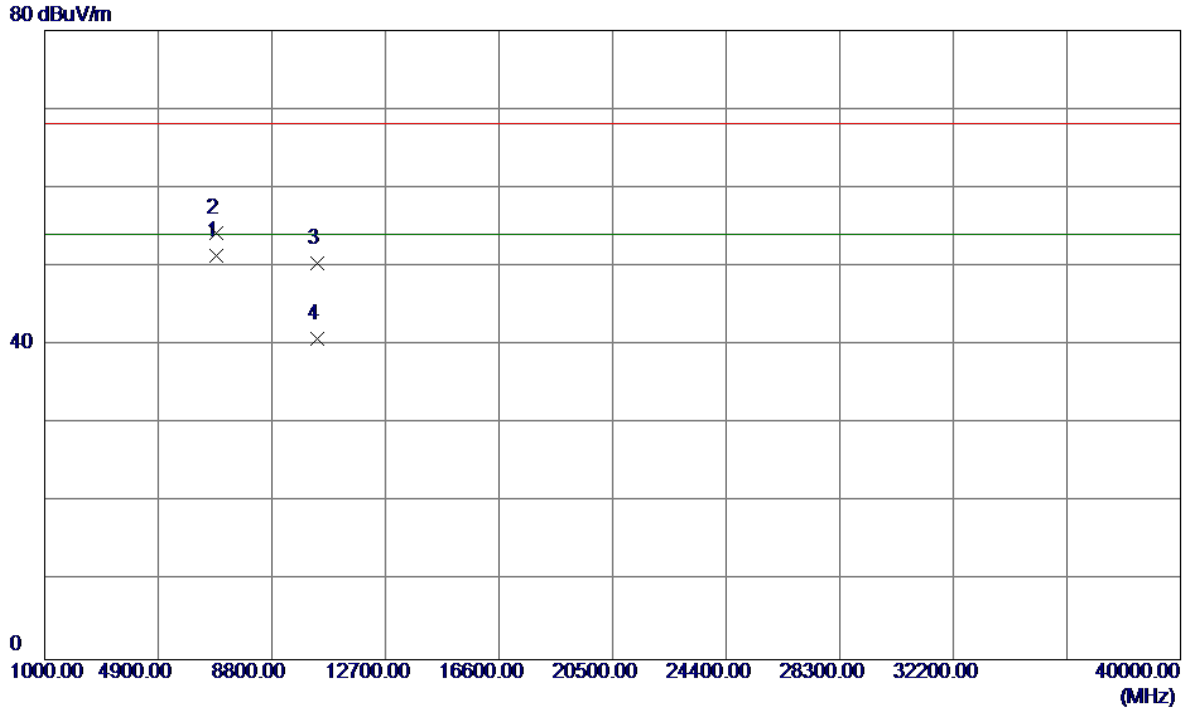
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	26.78	40.62	67.40	68.20	-0.80	Peak	
2	5150.0000	12.84	40.62	53.46	54.00	-0.54	AVG	
3 *	5187.6000	60.46	40.75	101.21	54.00	47.21	AVG	No Limit
4	5187.8500	67.57	40.75	108.32	68.20	40.12	Peak	No Limit

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

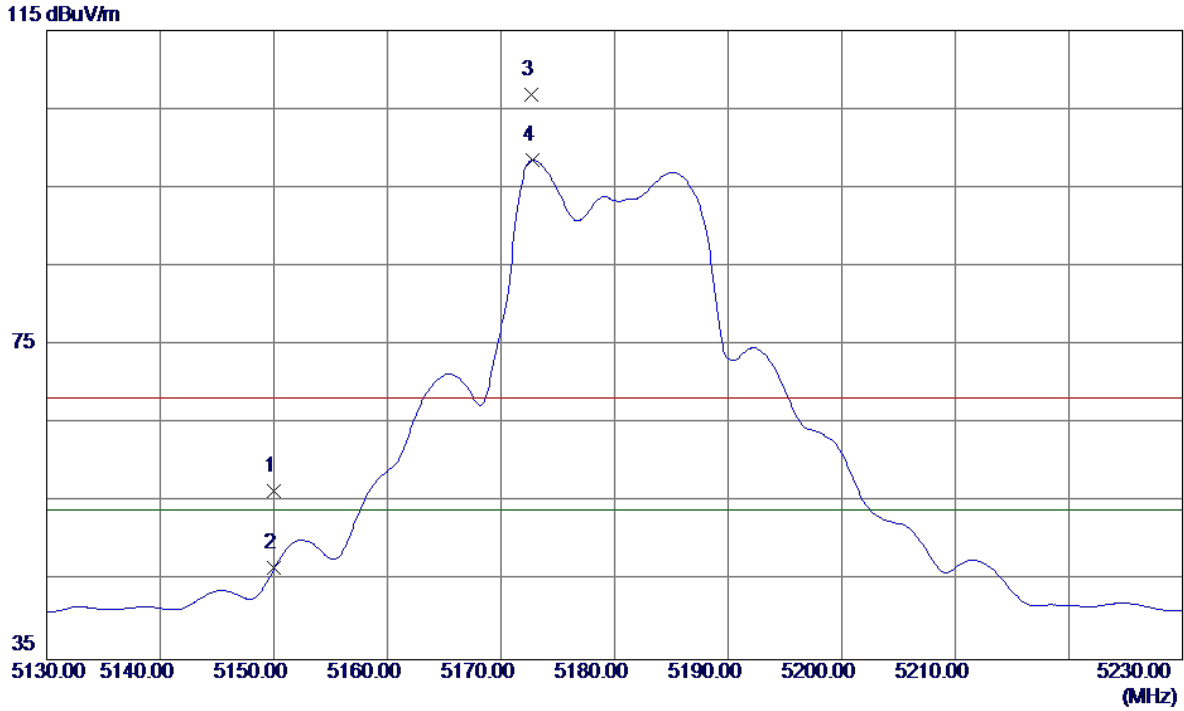
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.6400	40.51	10.78	51.29	54.00	-2.71	AVG	
2	6906.7250	43.49	10.78	54.27	68.20	-13.93	Peak	
3	10358.0250	35.37	14.96	50.33	68.20	-17.87	Peak	
4	10359.9500	25.77	14.96	40.73	54.00	-13.27	AVG	

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

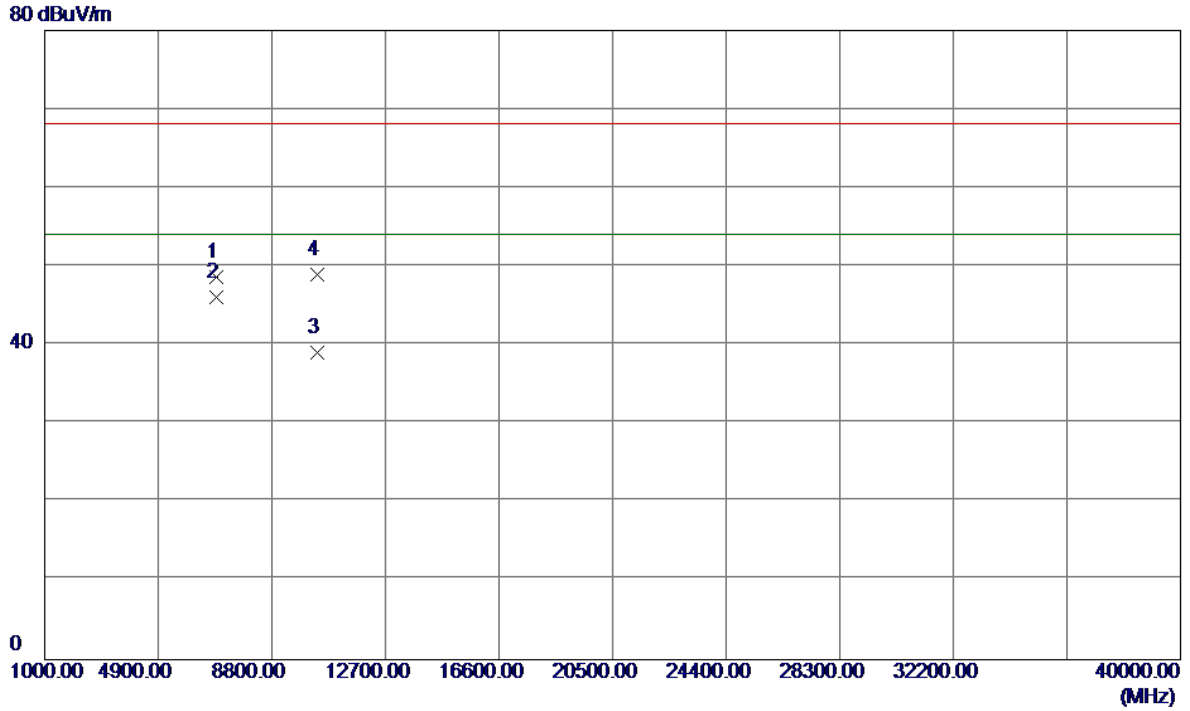
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	15.87	40.62	56.49	68.20	-11.71	Peak	
2	5150.0000	6.07	40.62	46.69	54.00	-7.31	AVG	
3	5172.6500	66.06	40.70	106.76	68.20	38.56	Peak	No Limit
4 *	5172.8000	57.83	40.70	98.53	54.00	44.53	AVG	No Limit

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

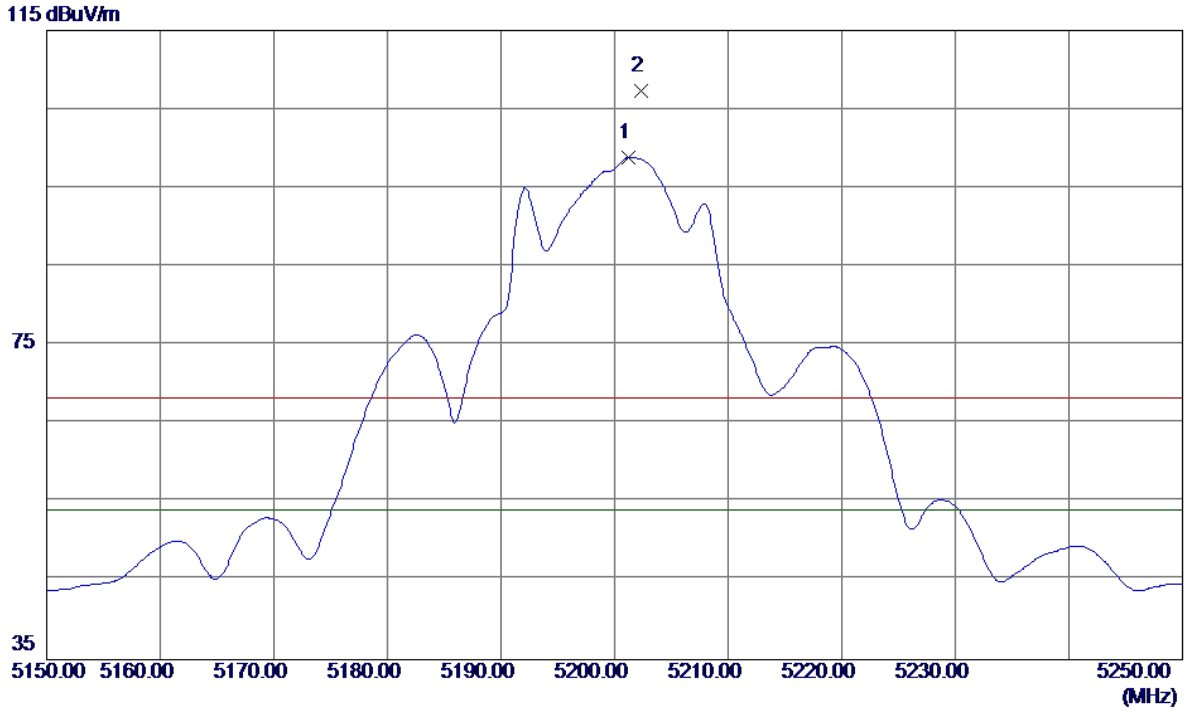
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6906.6200	37.91	10.78	48.69	68.20	-19.51	Peak	
2 *	6906.6250	35.35	10.78	46.13	54.00	-7.87	AVG	
3	10359.8000	24.02	14.96	38.98	54.00	-15.02	AVG	
4	10359.9500	33.94	14.96	48.90	68.20	-19.30	Peak	

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

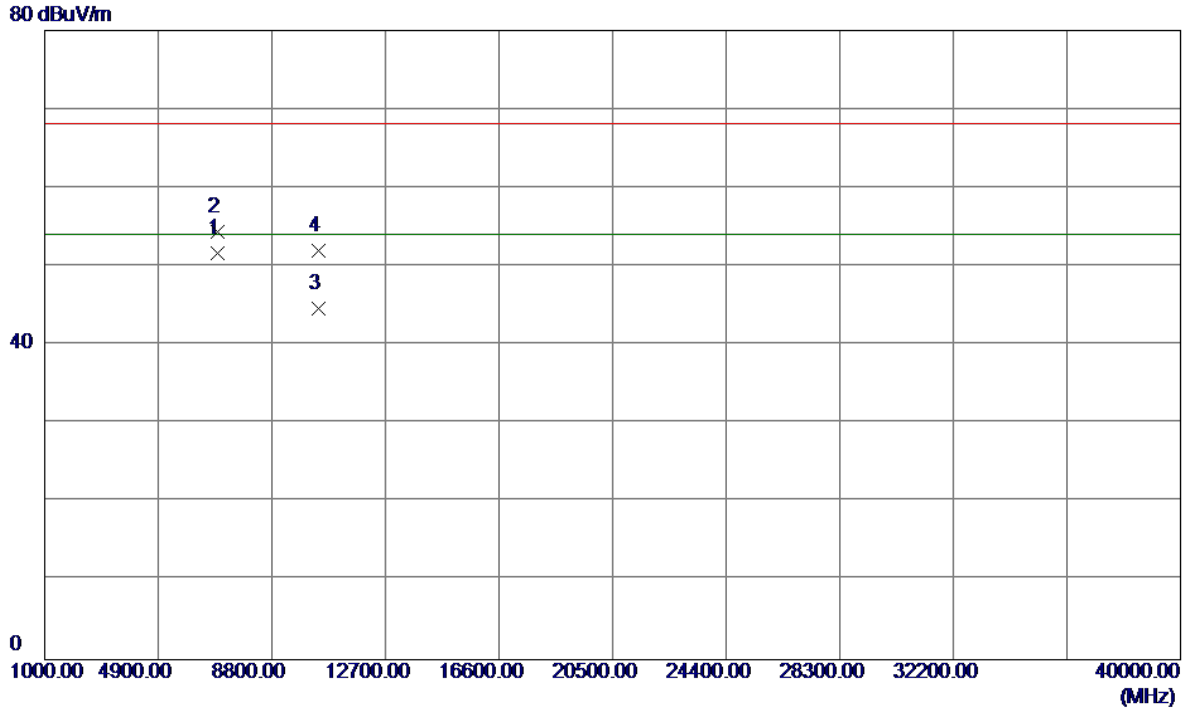
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5201.2500	58.07	40.79	98.86	54.00	44.86	AVG	No Limit
2	5202.3000	66.51	40.80	107.31	68.20	39.11	Peak	No Limit

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

Vertical

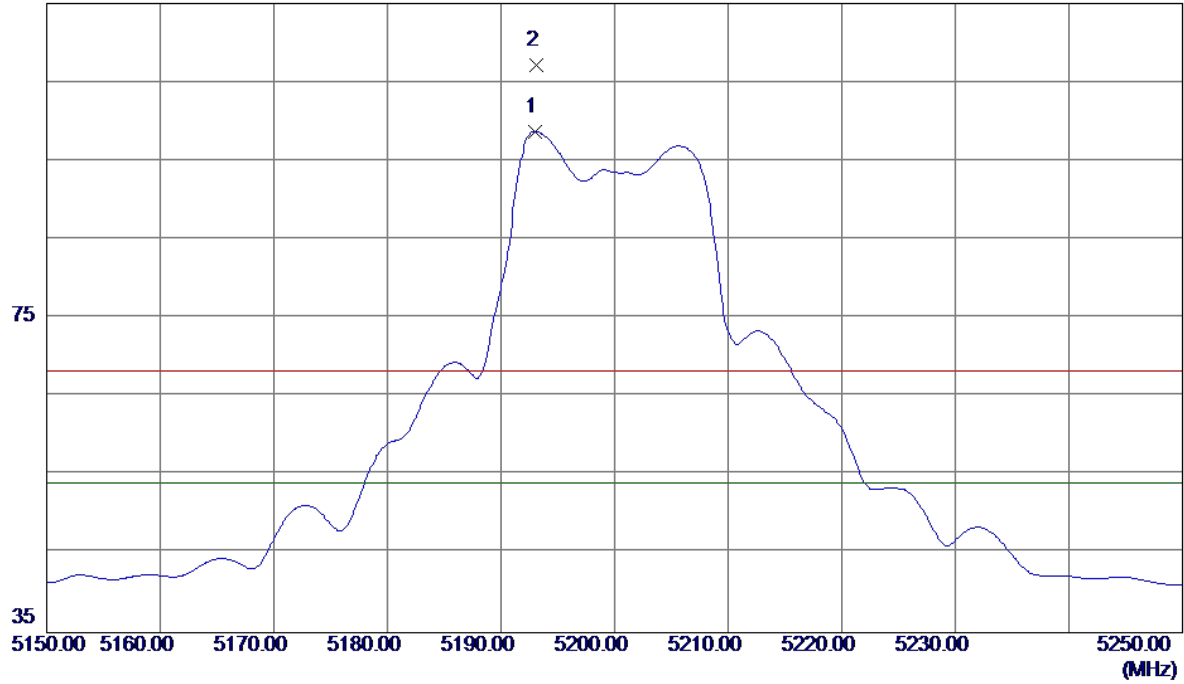


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.3070	40.86	10.77	51.63	54.00	-2.37	AVG	
2	6933.3400	43.60	10.77	54.37	68.20	-13.83	Peak	
3	10393.5750	29.67	15.04	44.71	54.00	-9.29	AVG	
4	10401.2000	36.99	15.06	52.05	68.20	-16.15	Peak	

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

Horizontal

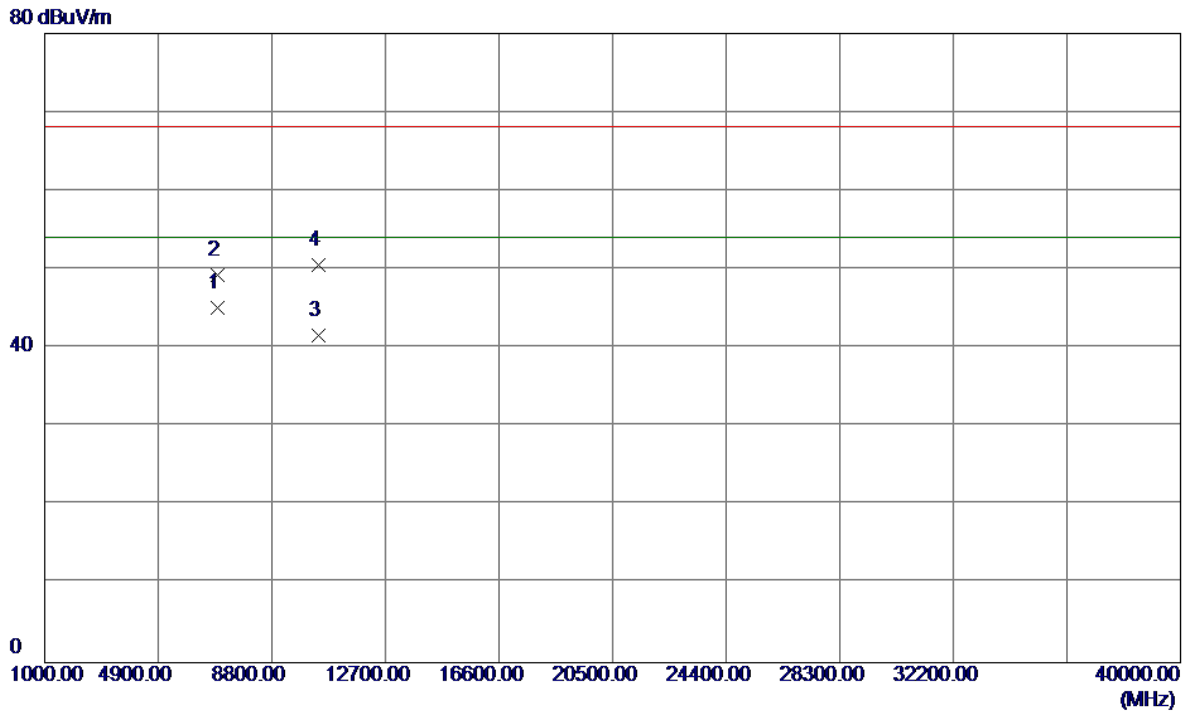
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5192.9500	57.95	40.77	98.72	54.00	44.72	AVG	No Limit
2	5193.1000	66.39	40.77	107.16	68.20	38.96	Peak	No Limit

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

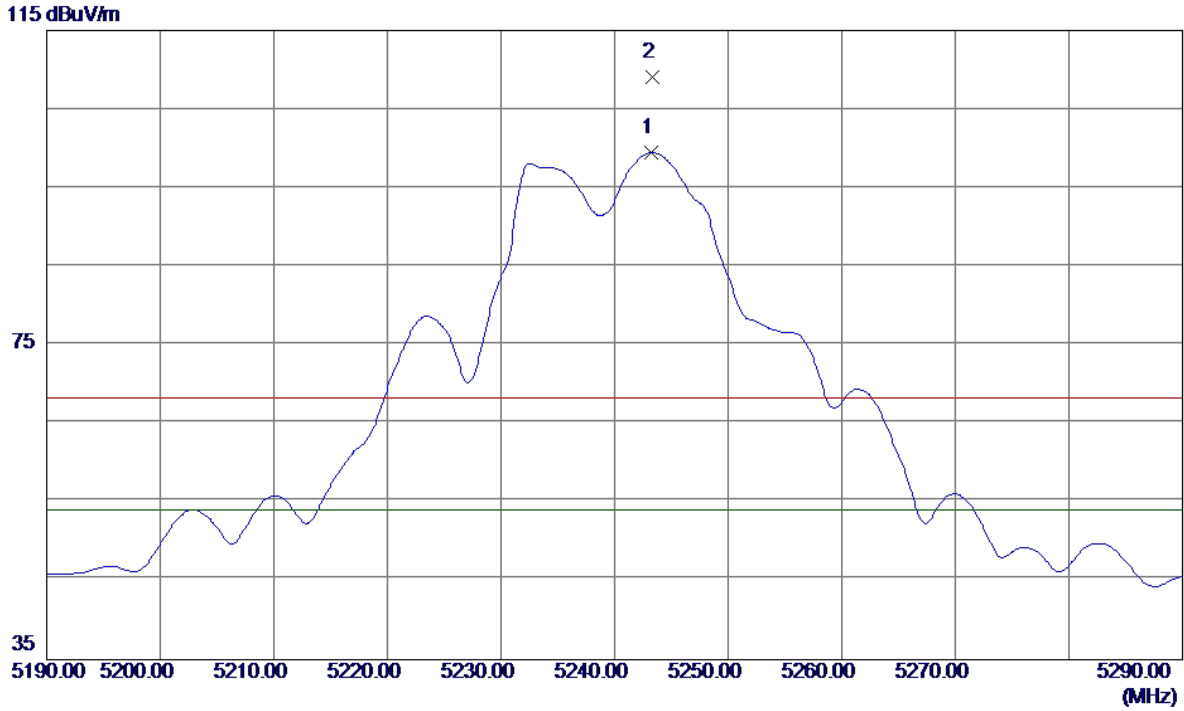
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.2880	34.35	10.77	45.12	54.00	-8.88	AVG	
2	6933.3100	38.57	10.77	49.34	68.20	-18.86	Peak	
3	10399.9250	26.50	15.06	41.56	54.00	-12.44	AVG	
4	10400.2000	35.50	15.06	50.56	68.20	-17.64	Peak	

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

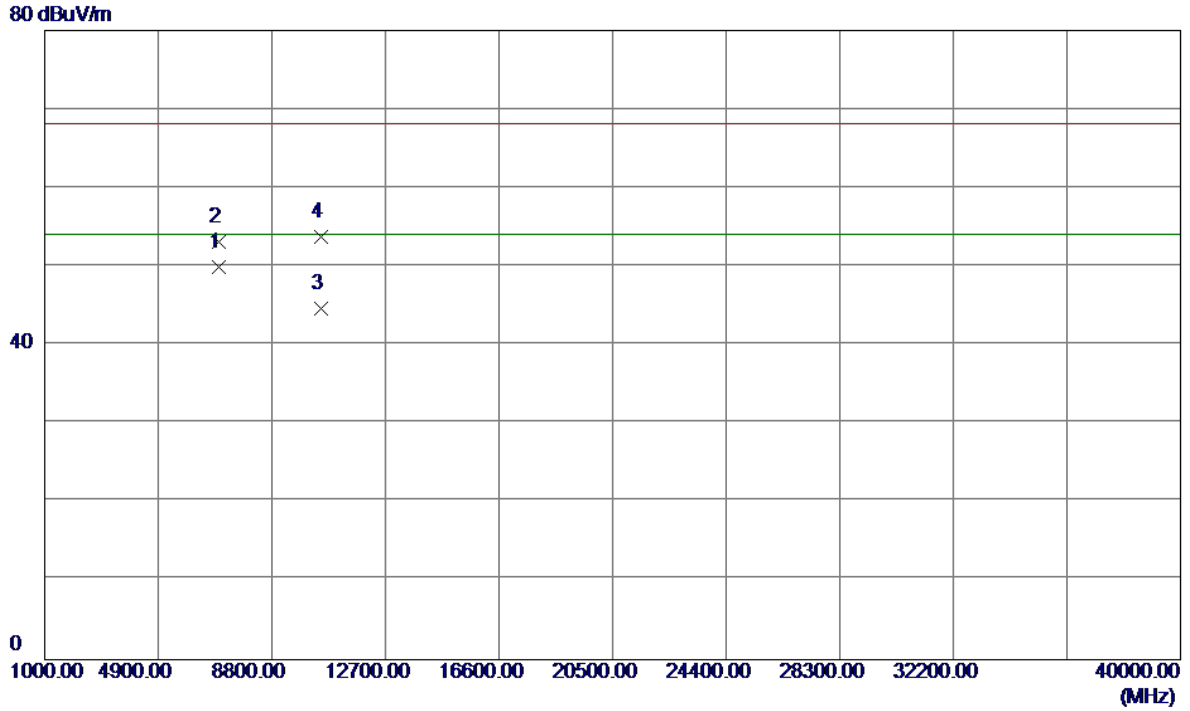
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5243.2000	58.53	40.93	99.46	54.00	45.46	AVG	No Limit
2	5243.3500	68.19	40.93	109.12	68.20	40.92	Peak	No Limit

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

Vertical

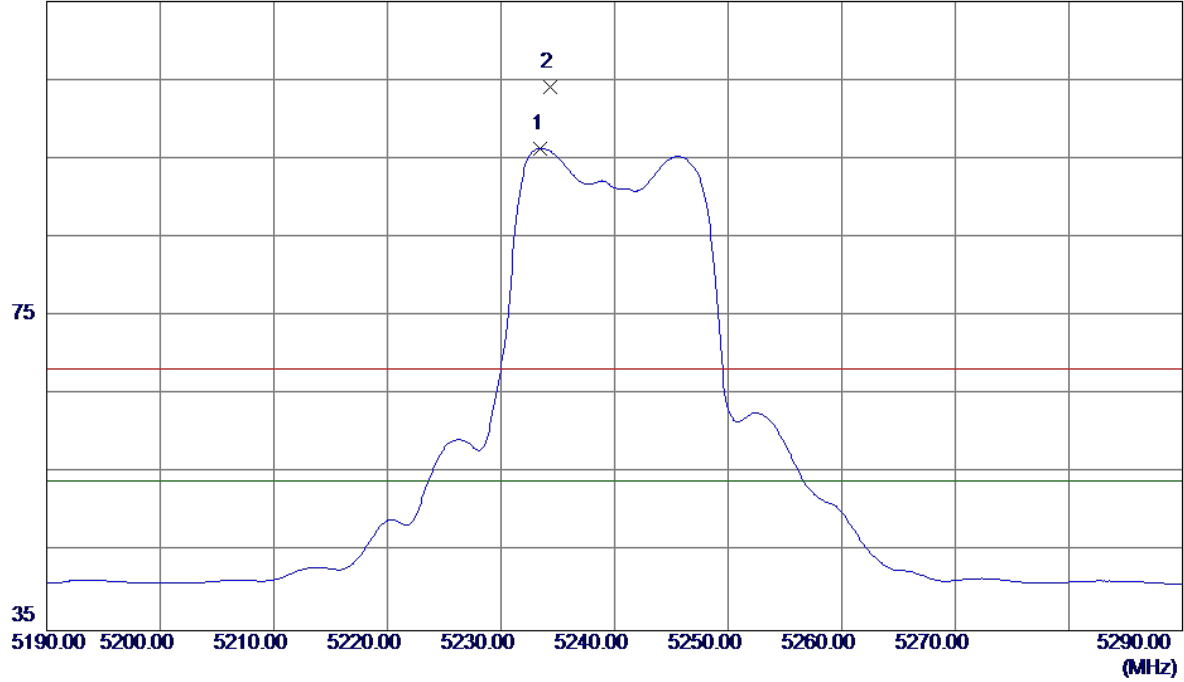


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6986.6130	39.13	10.75	49.88	54.00	-4.12	AVG	
2	6986.7390	42.32	10.75	53.07	68.20	-15.13	Peak	
3	10473.3000	29.48	15.23	44.71	54.00	-9.29	AVG	
4	10482.8500	38.57	15.25	53.82	68.20	-14.38	Peak	

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

Horizontal

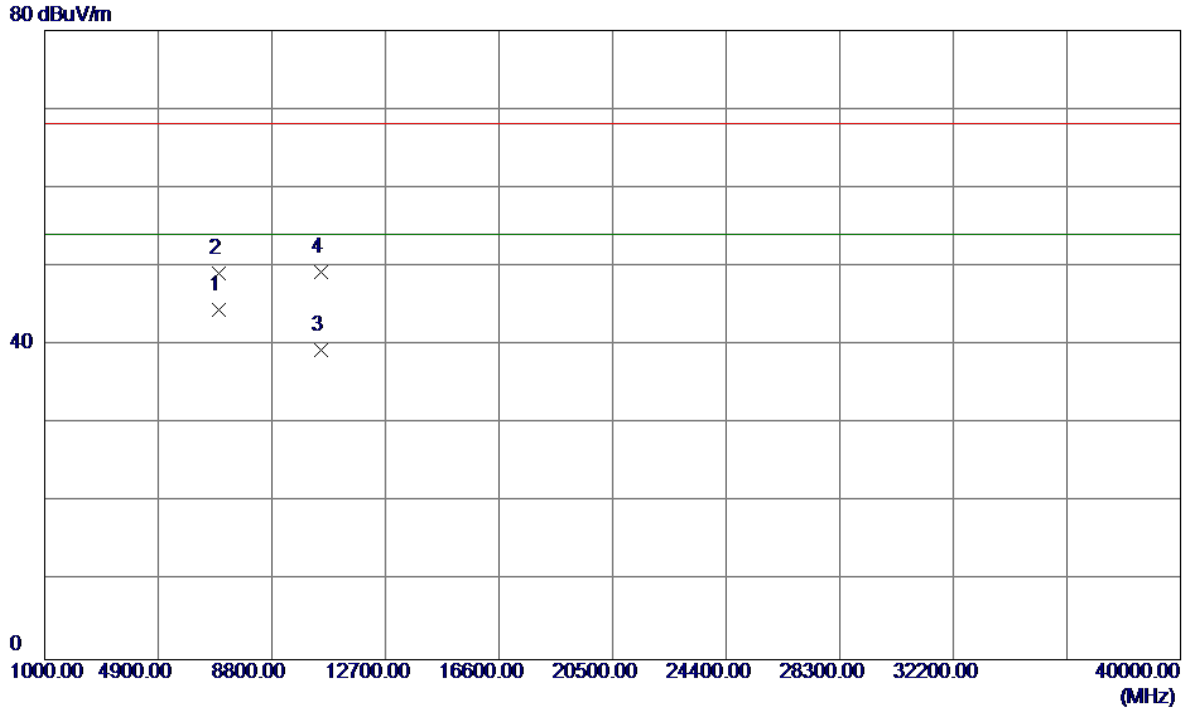
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5233.5000	55.39	40.90	96.29	54.00	42.29	AVG	No Limit
2	5234.3500	63.18	40.90	104.08	68.20	35.88	Peak	No Limit

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

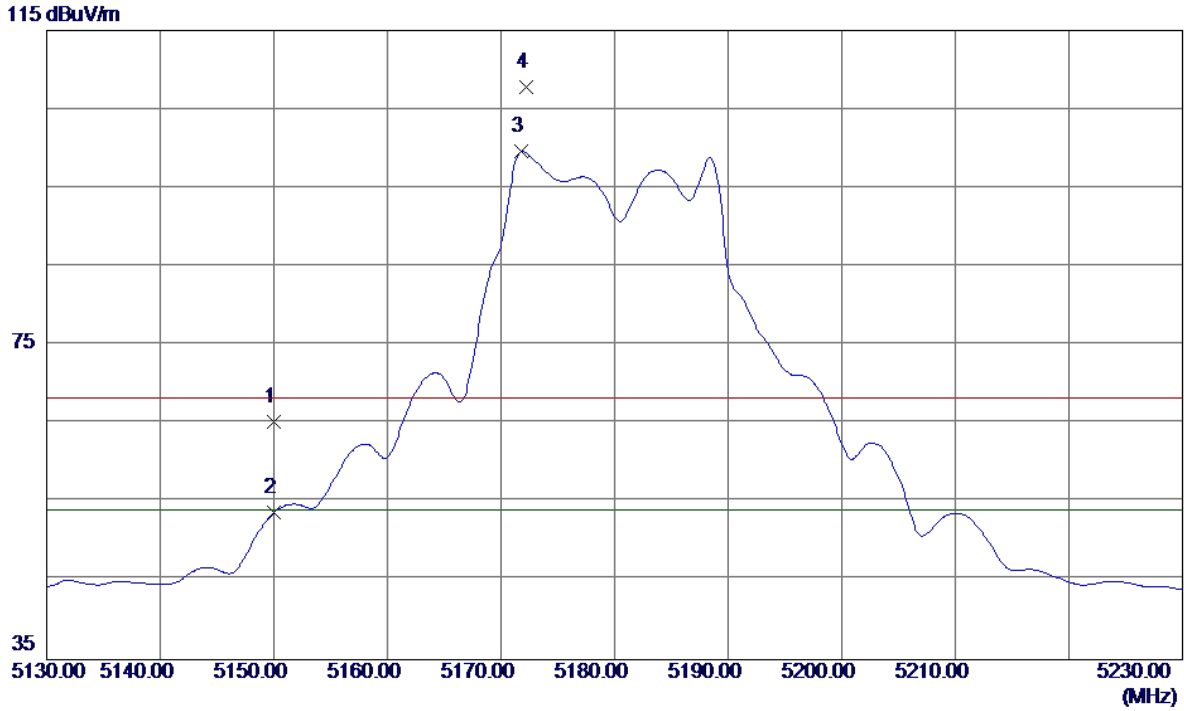
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6986.6630	33.66	10.75	44.41	54.00	-9.59	AVG	
2	6986.7570	38.30	10.75	49.05	68.20	-19.15	Peak	
3	10480.0250	24.15	15.24	39.39	54.00	-14.61	AVG	
4	10481.3500	33.96	15.25	49.21	68.20	-18.99	Peak	

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

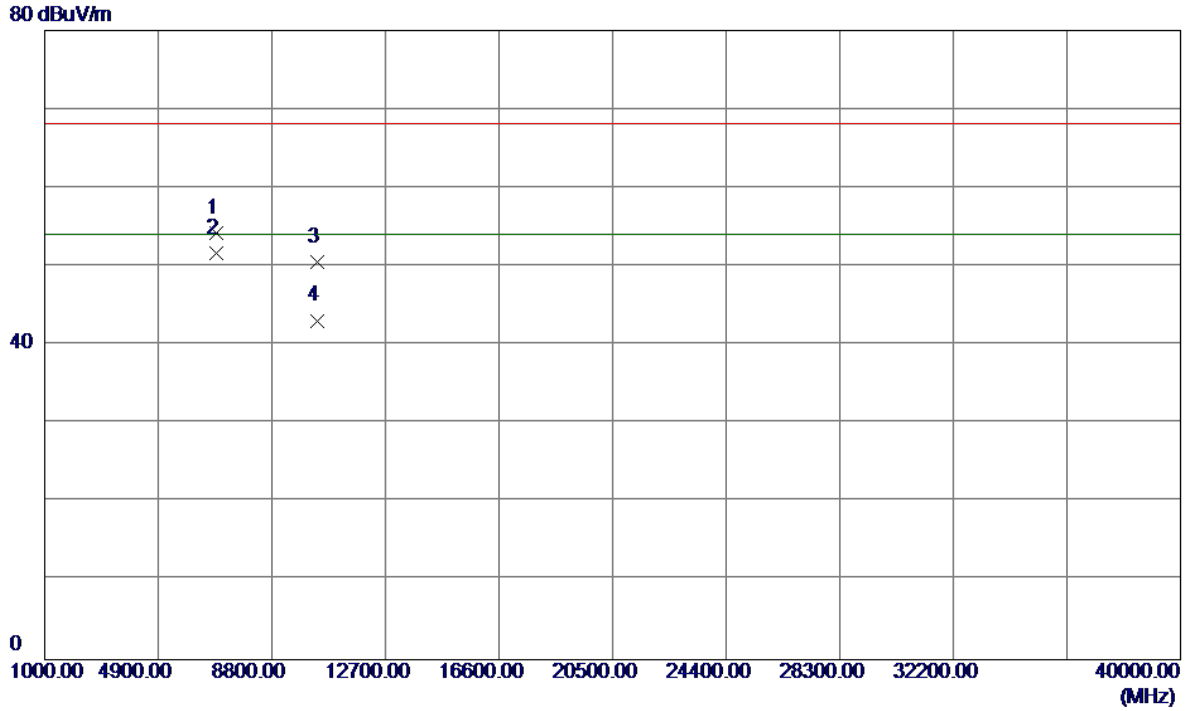
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	24.64	40.62	65.26	68.20	-2.94	Peak	
2	5150.0000	13.15	40.62	53.77	54.00	-0.23	AVG	
3 *	5171.8000	58.95	40.70	99.65	54.00	45.65	AVG	No Limit
4	5172.2500	67.10	40.70	107.80	68.20	39.60	Peak	No Limit

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

Vertical

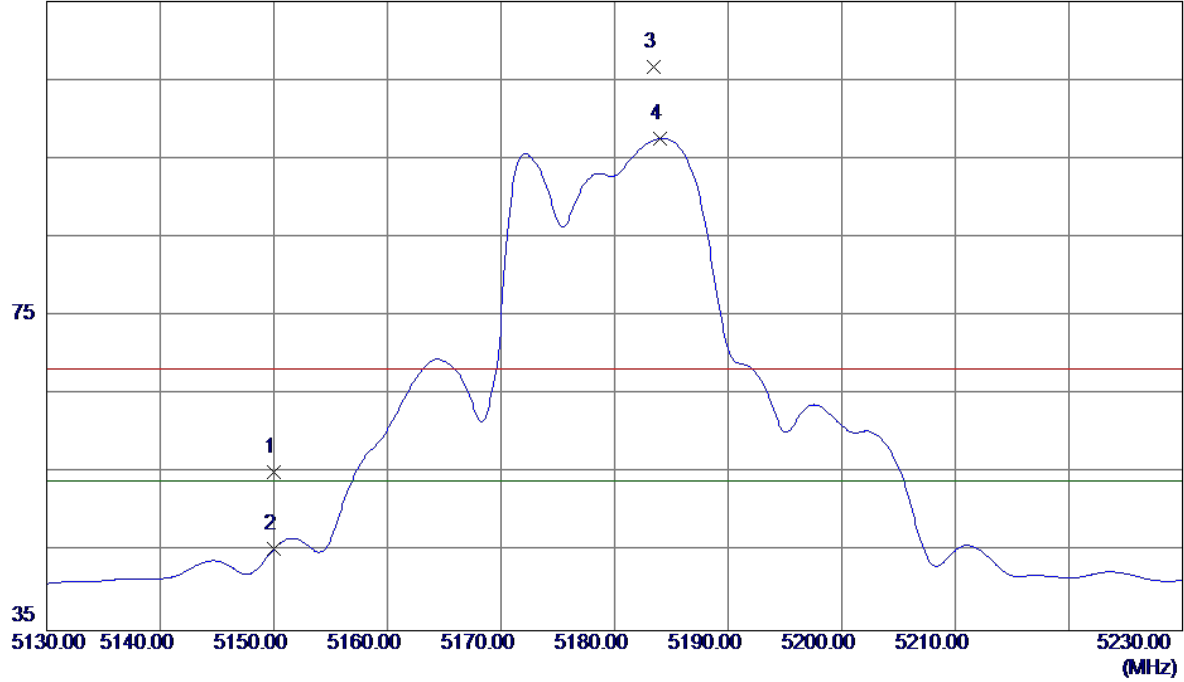


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6906.5160	43.40	10.78	54.18	68.20	-14.02	Peak	
2 *	6906.6450	40.83	10.78	51.61	54.00	-2.39	AVG	
3	10358.6000	35.56	14.96	50.52	68.20	-17.68	Peak	
4	10359.5000	28.16	14.96	43.12	54.00	-10.88	AVG	

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

Horizontal

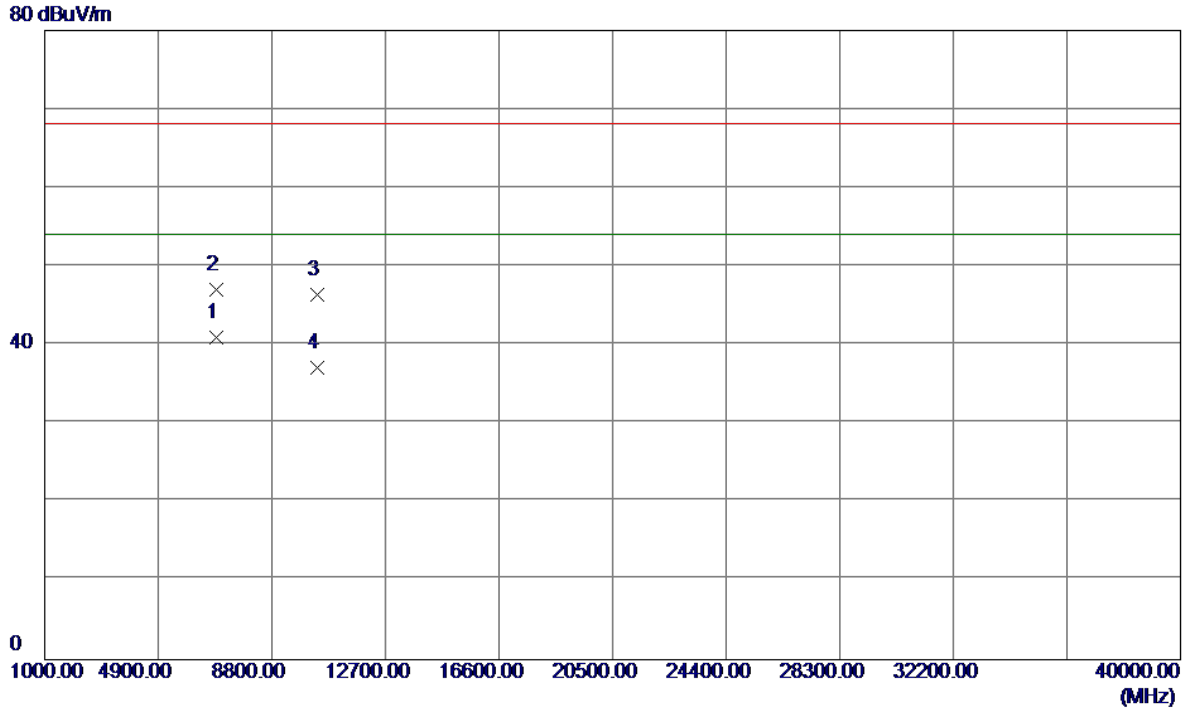
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	14.55	40.62	55.17	68.20	-13.03	Peak	
2	5150.0000	4.84	40.62	45.46	54.00	-8.54	AVG	
3	5183.4000	65.87	40.74	106.61	68.20	38.41	Peak	No Limit
4 *	5183.9500	56.78	40.74	97.52	54.00	43.52	AVG	No Limit

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

Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6906.5970	30.15	10.78	40.93	54.00	-13.07	AVG	
2	6906.6850	36.24	10.78	47.02	68.20	-21.18	Peak	
3	10357.7500	31.46	14.96	46.42	68.20	-21.78	Peak	
4	10358.1500	22.16	14.96	37.12	54.00	-16.88	AVG	

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

Vertical

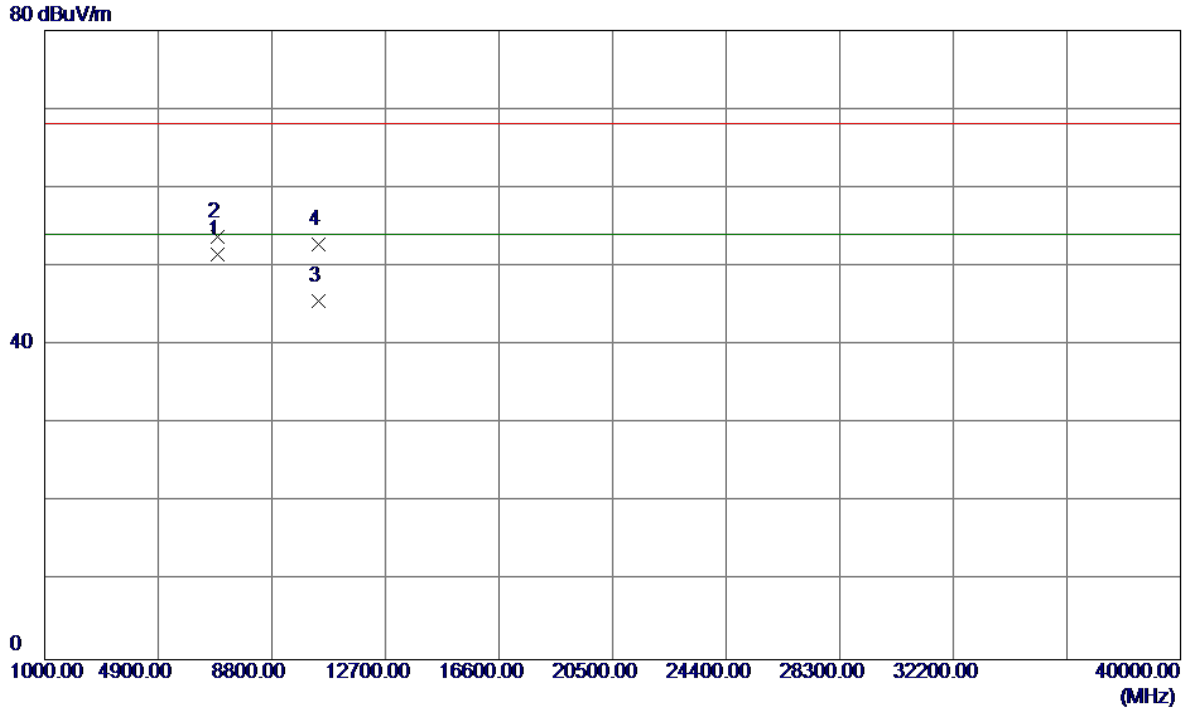
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5191.8500	59.29	40.76	100.05	54.00	46.05	AVG	No Limit
2	5191.9000	67.80	40.76	108.56	68.20	40.36	Peak	No Limit

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

Vertical

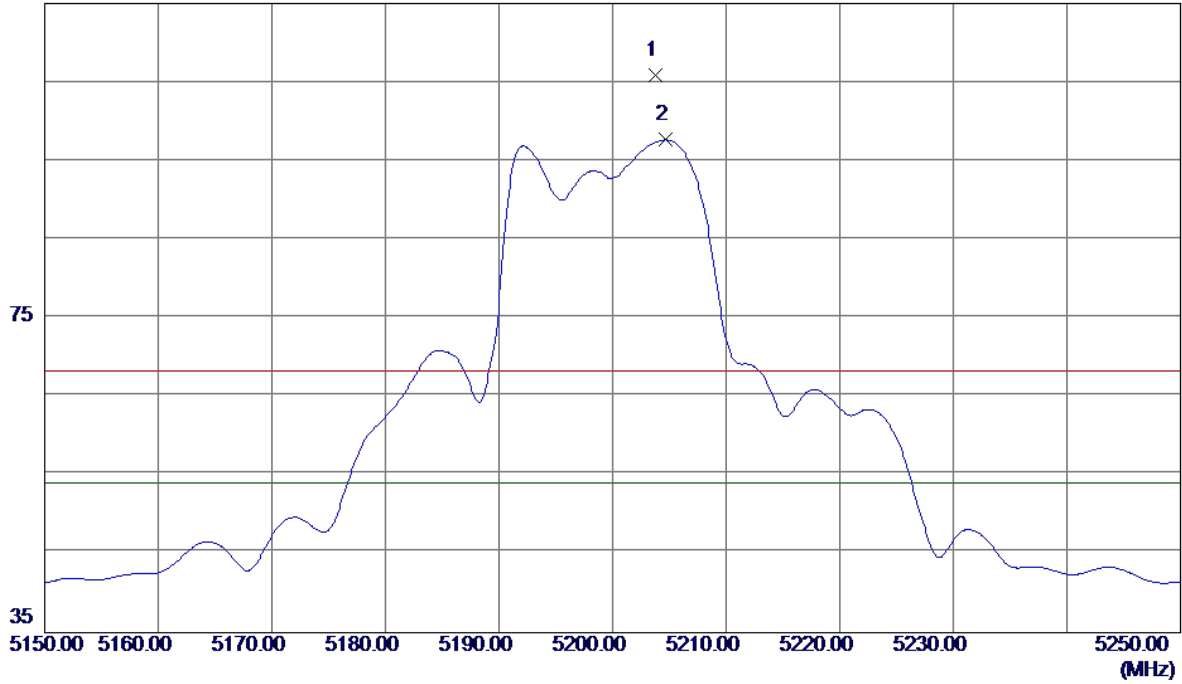


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6933.3110	40.76	10.77	51.53	54.00	-2.47	AVG	
2	6933.3360	42.94	10.77	53.71	68.20	-14.49	Peak	
3	10399.4000	30.58	15.05	45.63	54.00	-8.37	AVG	
4	10400.1000	37.72	15.06	52.78	68.20	-15.42	Peak	

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

Horizontal

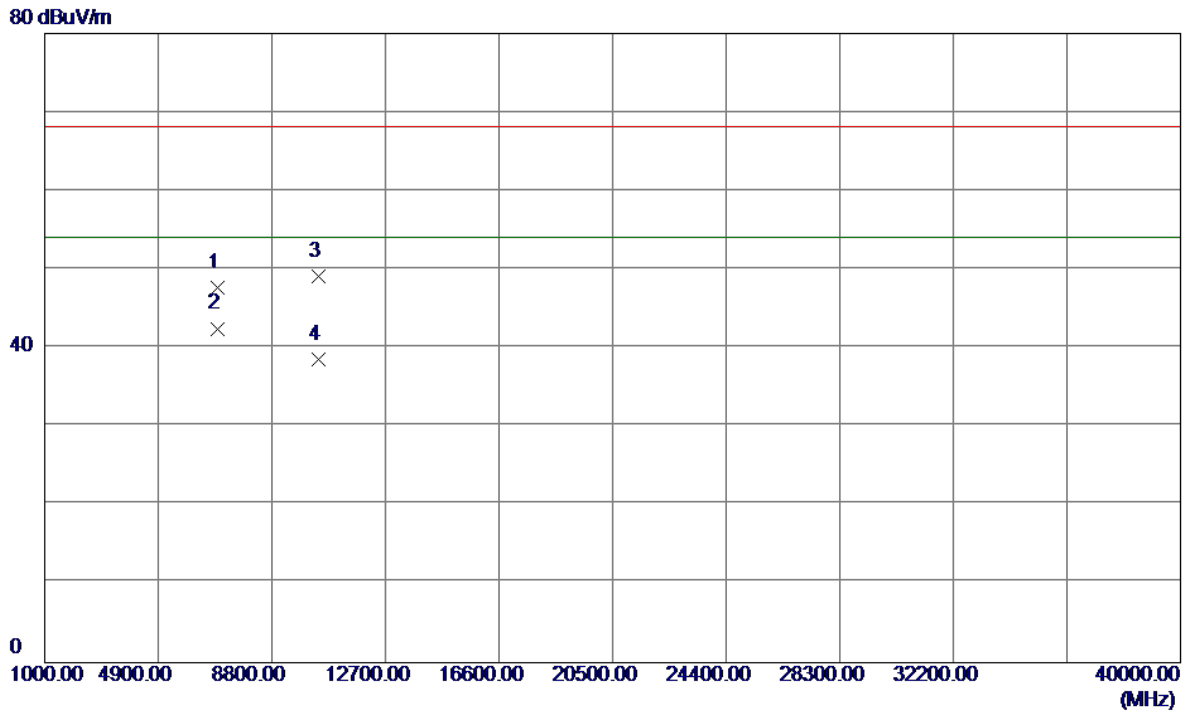
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5203.7500	65.09	40.80	105.89	68.20	37.69	Peak	No Limit
2 *	5204.7000	56.86	40.81	97.67	54.00	43.67	AVG	No Limit

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

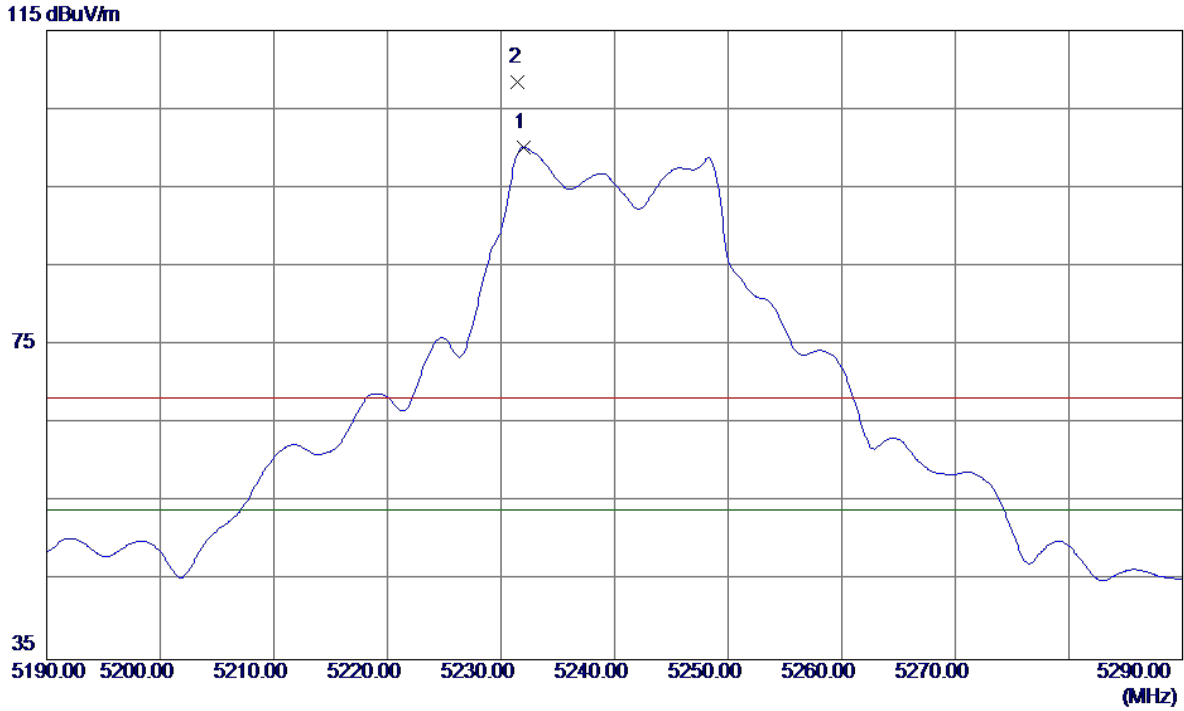
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6933.1530	36.91	10.77	47.68	68.20	-20.52	Peak	
2 *	6933.3400	31.71	10.77	42.48	54.00	-11.52	AVG	
3	10398.8500	34.14	15.05	49.19	68.20	-19.01	Peak	
4	10399.6500	23.44	15.06	38.50	54.00	-15.50	AVG	

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

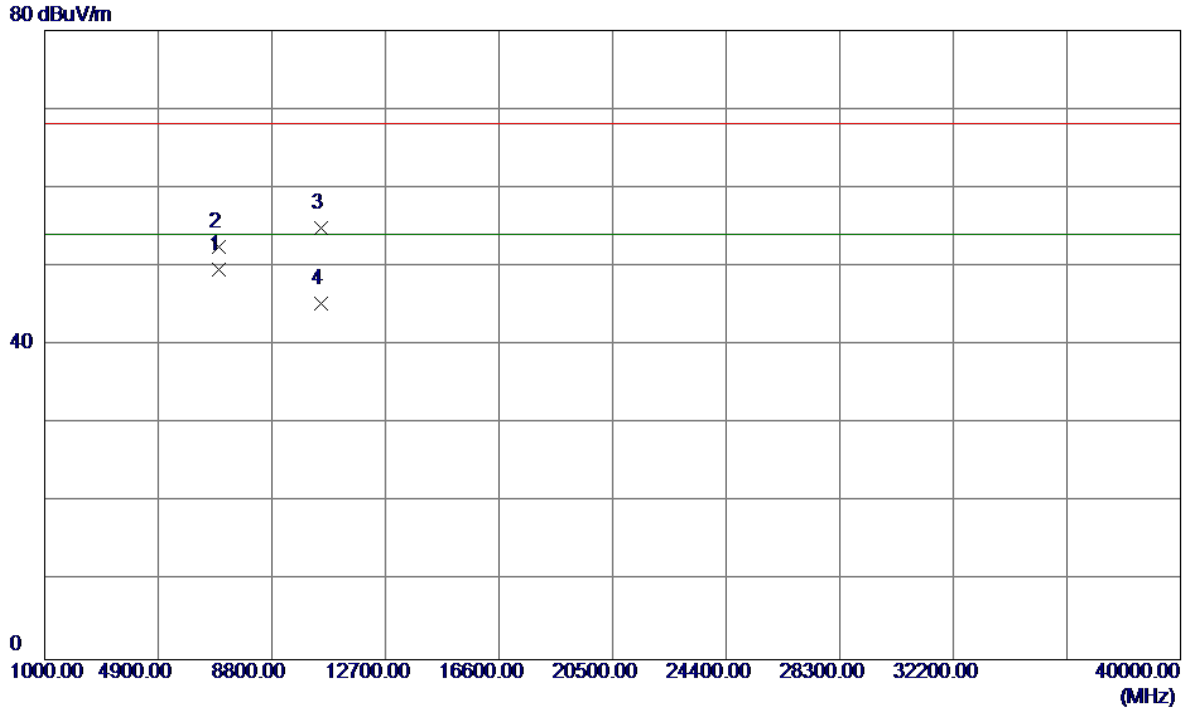
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5231.9500	59.24	40.90	100.14	54.00	46.14	AVG	No Limit
2	5231.5000	67.63	40.89	108.52	68.20	40.32	Peak	No Limit

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

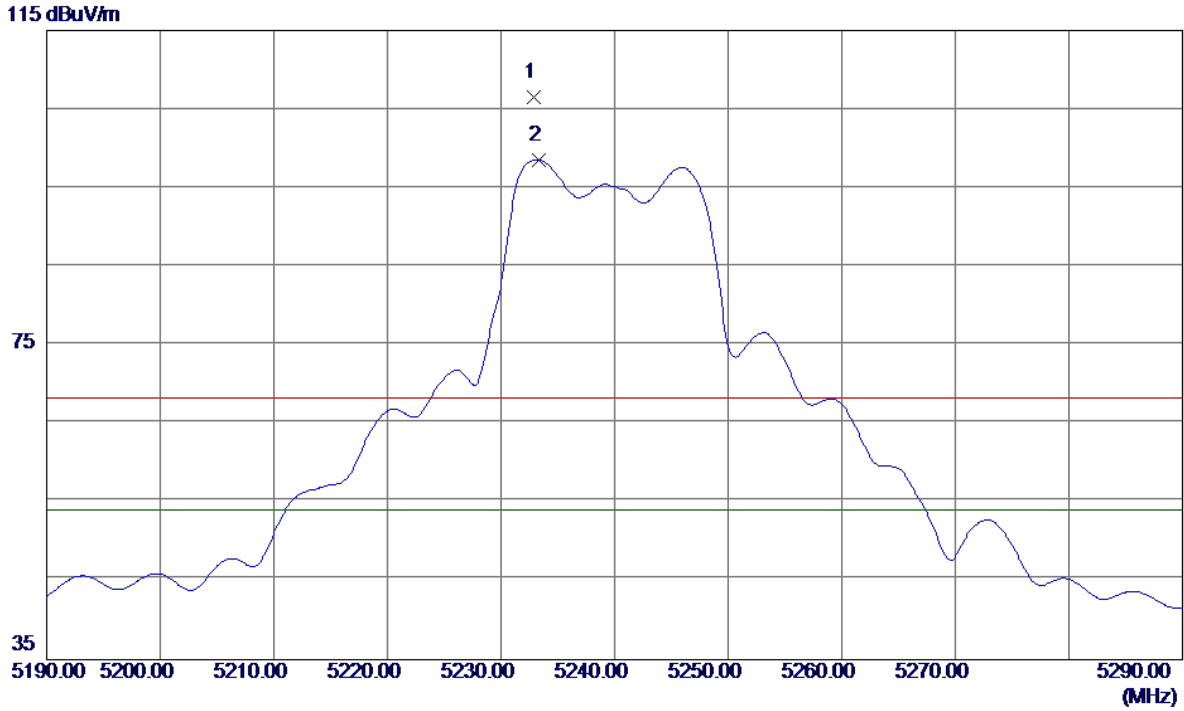
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6986.6390	38.86	10.75	49.61	54.00	-4.39	AVG	
2	6986.6990	41.73	10.75	52.48	68.20	-15.72	Peak	
3	10474.3000	39.66	15.23	54.89	68.20	-13.31	Peak	
4	10474.6000	30.11	15.23	45.34	54.00	-8.66	AVG	

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

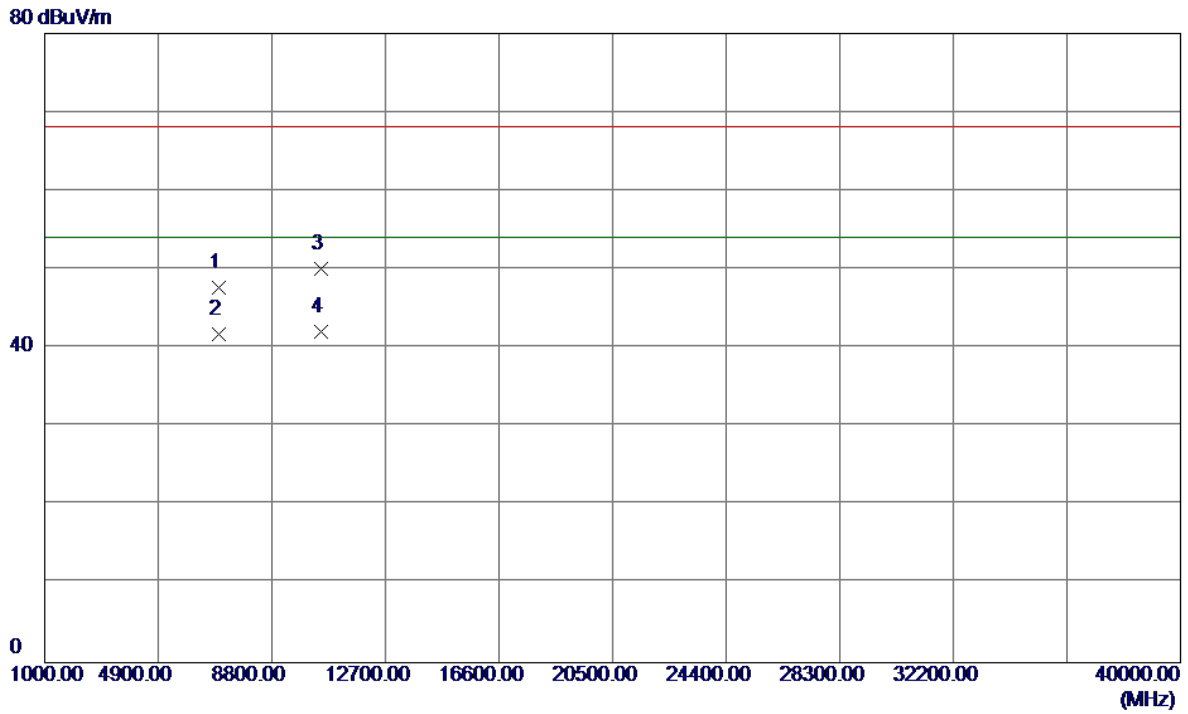
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5232.8500	65.63	40.90	106.53	68.20	38.33	Peak	No Limit
2 *	5233.3000	57.67	40.90	98.57	54.00	44.57	AVG	No Limit

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

Horizontal

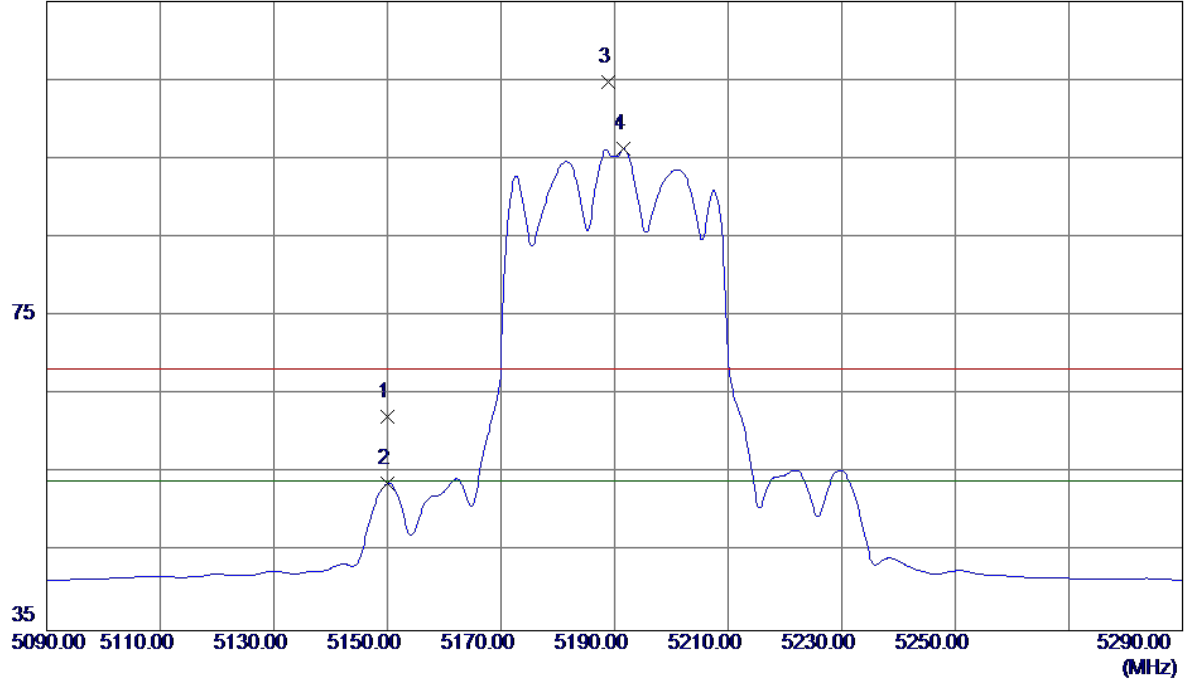


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6986.5470	36.97	10.75	47.72	68.20	-20.48	Peak	
2	6986.6530	31.04	10.75	41.79	54.00	-12.21	AVG	
3	10471.2000	34.92	15.22	50.14	68.20	-18.06	Peak	
4 *	10472.7000	26.89	15.23	42.12	54.00	-11.88	AVG	

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

Vertical

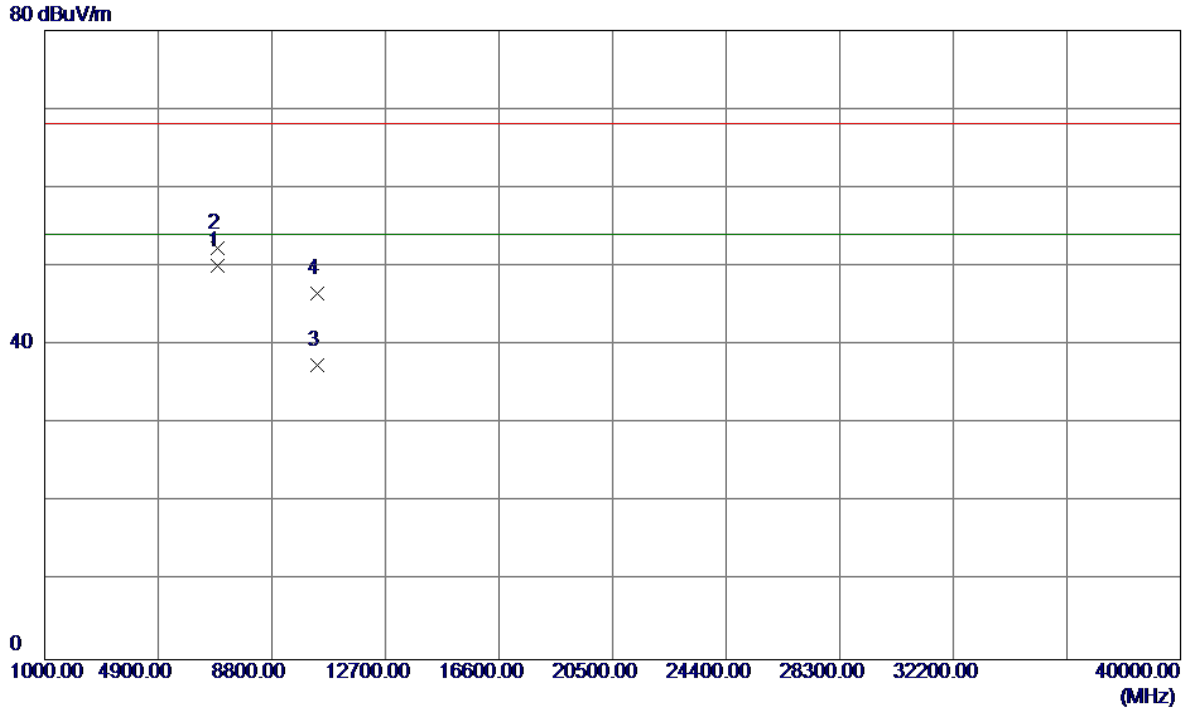
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	21.62	40.62	62.24	68.20	-5.96	Peak	
2	5150.0000	13.12	40.62	53.74	54.00	-0.26	AVG	
3	5188.8000	63.95	40.75	104.70	68.20	36.50	Peak	No Limit
4 *	5191.5000	55.59	40.76	96.35	54.00	42.35	AVG	No Limit

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

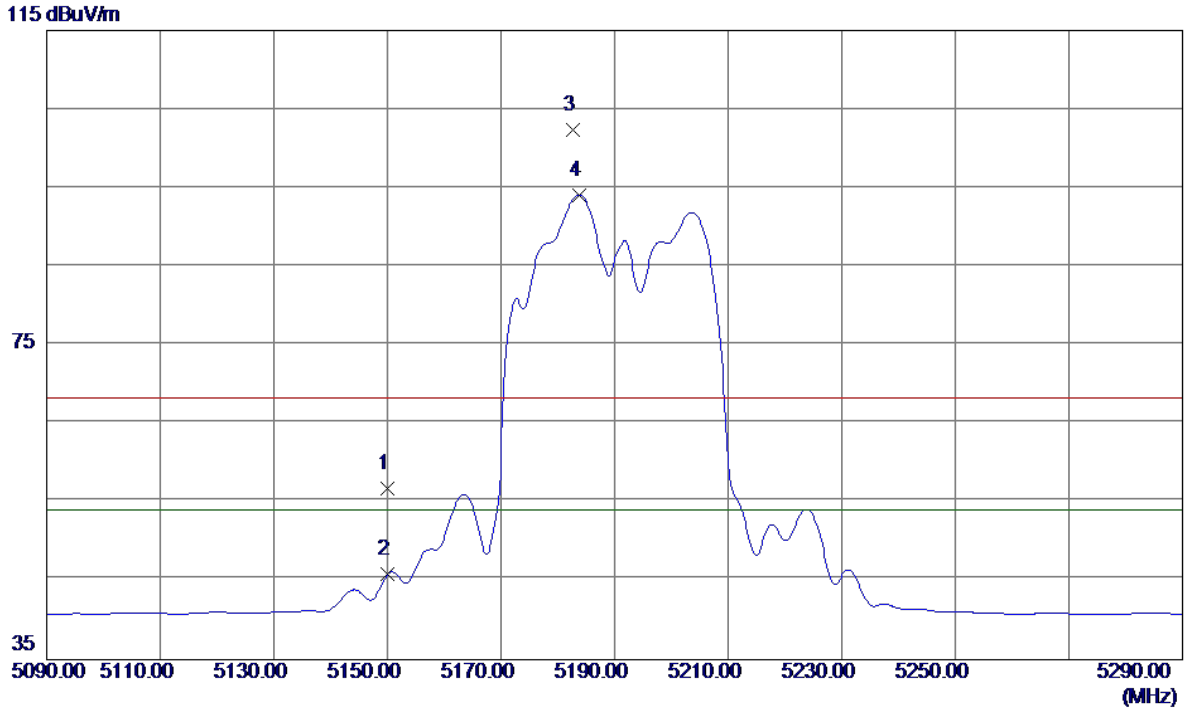
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6919.9670	39.35	10.77	50.12	54.00	-3.88	AVG	
2	6920.0250	41.62	10.77	52.39	68.20	-15.81	Peak	
3	10380.0000	22.46	15.01	37.47	54.00	-16.53	AVG	
4	10380.0199	31.55	15.01	46.56	68.20	-21.64	Peak	

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

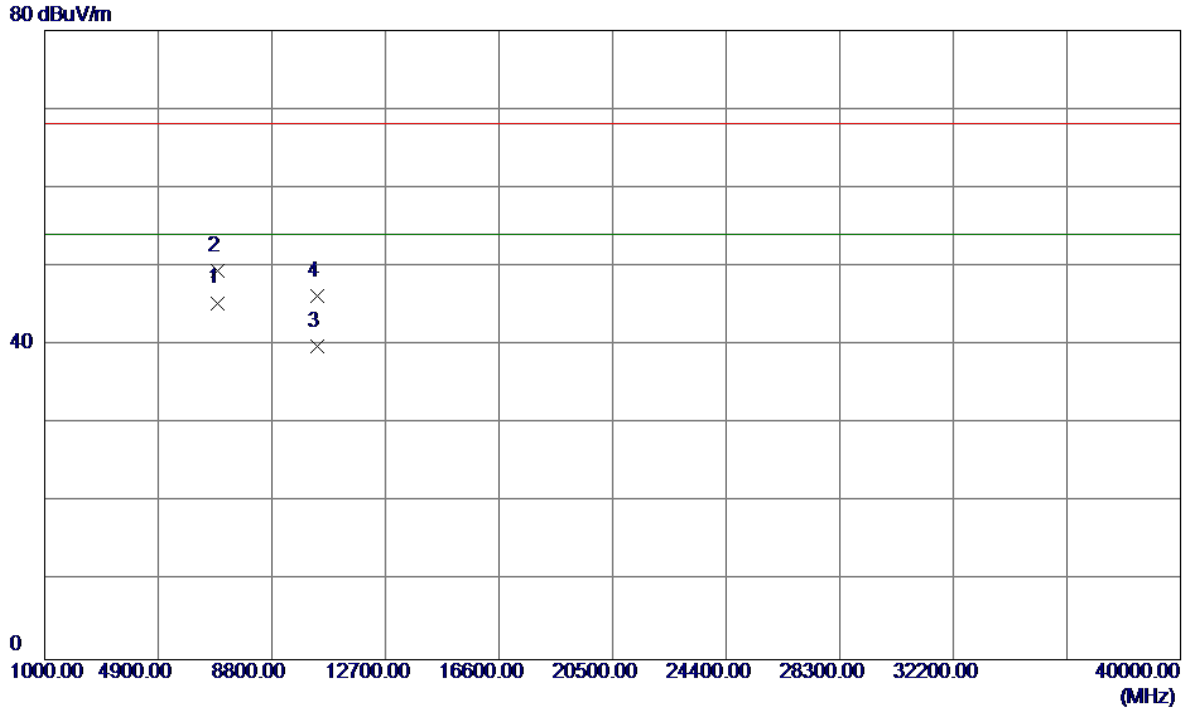
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	16.17	40.62	56.79	68.20	-11.41	Peak	
2	5150.0000	5.29	40.62	45.91	54.00	-8.09	AVG	
3	5182.7000	61.61	40.73	102.34	68.20	34.14	Peak	No Limit
4 *	5183.7000	53.37	40.74	94.11	54.00	40.11	AVG	No Limit

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

Horizontal

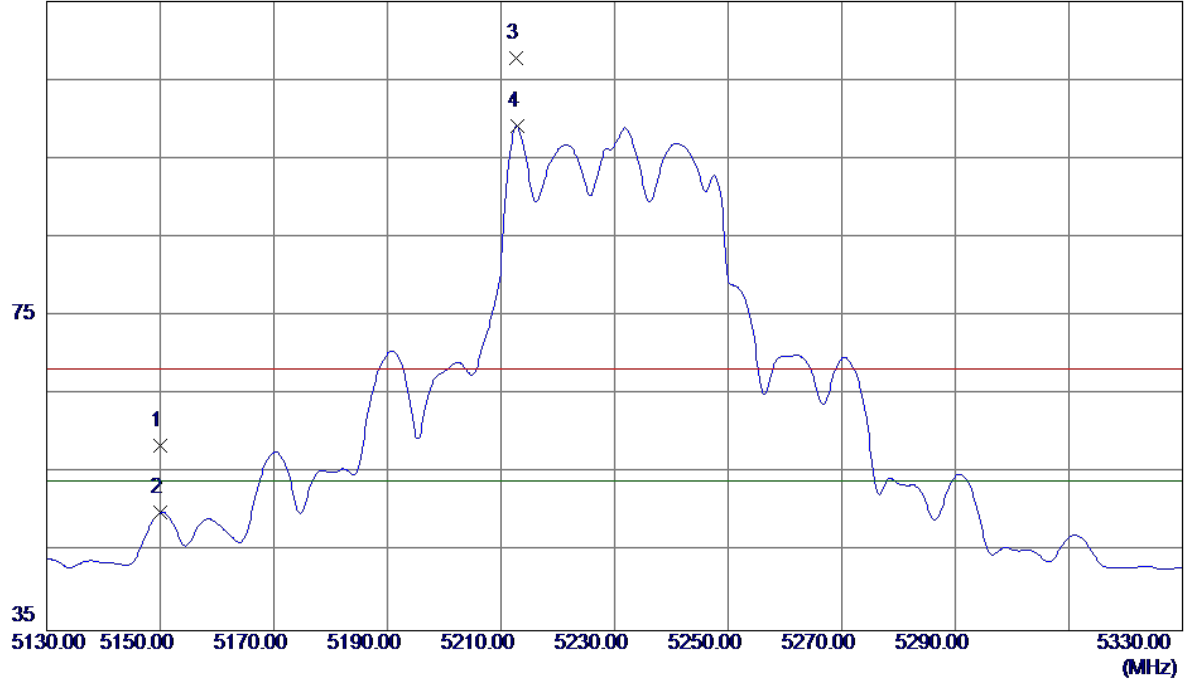


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6919.9880	34.59	10.77	45.36	54.00	-8.64	AVG	
2	6920.1300	38.67	10.77	49.44	68.20	-18.76	Peak	
3	10380.0000	24.86	15.01	39.87	54.00	-14.13	AVG	
4	10381.2000	31.16	15.01	46.17	68.20	-22.03	Peak	

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

Vertical

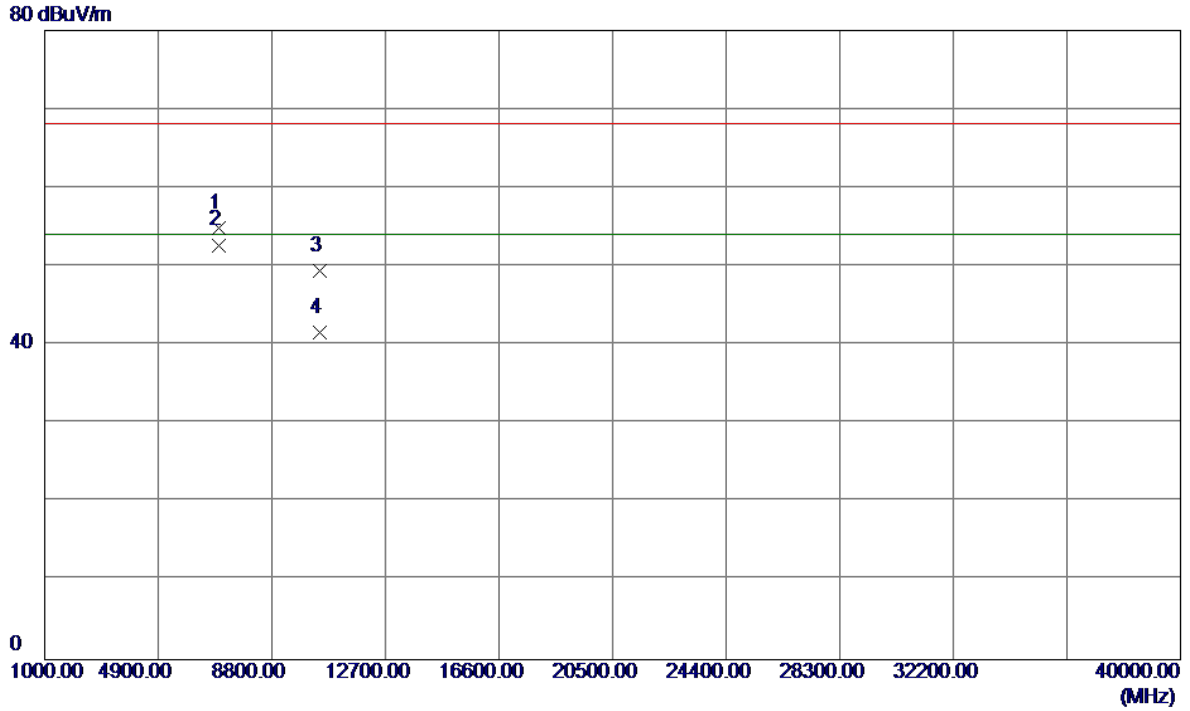
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	17.95	40.62	58.57	68.20	-9.63	Peak	
2	5150.0000	9.38	40.62	50.00	54.00	-4.00	AVG	
3	5212.6000	66.96	40.83	107.79	68.20	39.59	Peak	No Limit
4 *	5212.8000	58.30	40.83	99.13	54.00	45.13	AVG	No Limit

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

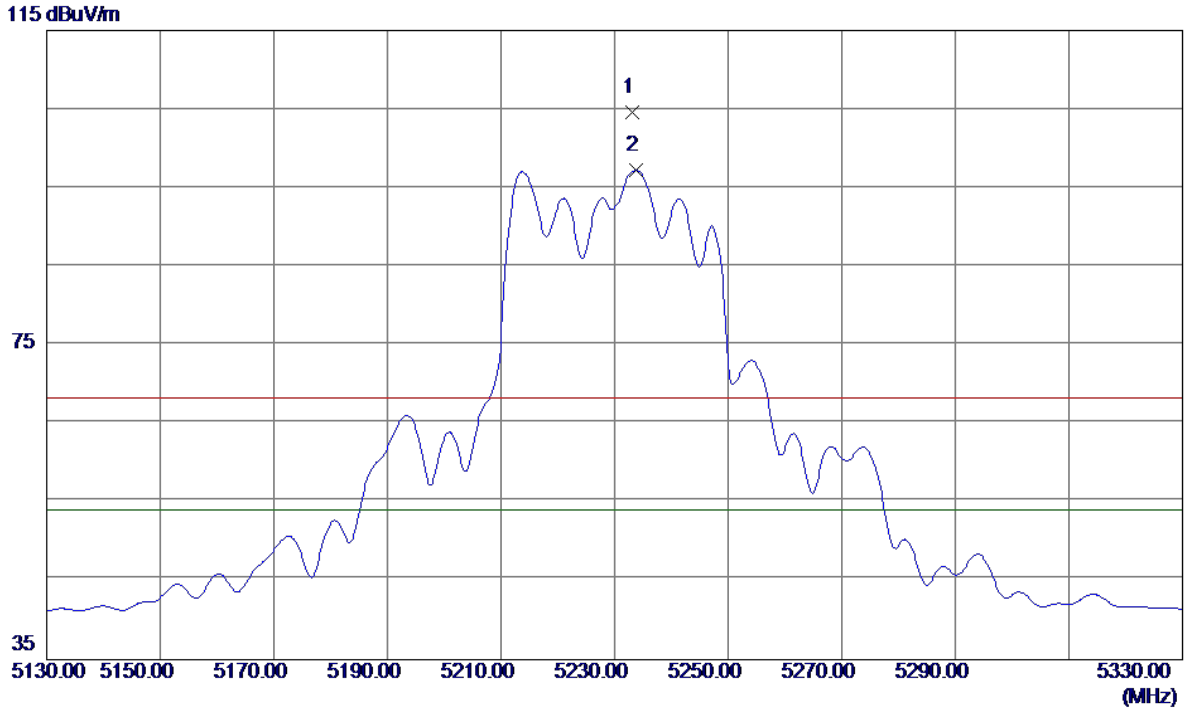
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6973.2430	44.19	10.76	54.95	68.20	-13.25	Peak	
2 *	6973.3110	41.96	10.76	52.72	54.00	-1.28	AVG	
3	10459.7200	34.28	15.20	49.48	68.20	-18.72	Peak	
4	10460.0199	26.41	15.20	41.61	54.00	-12.39	AVG	

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

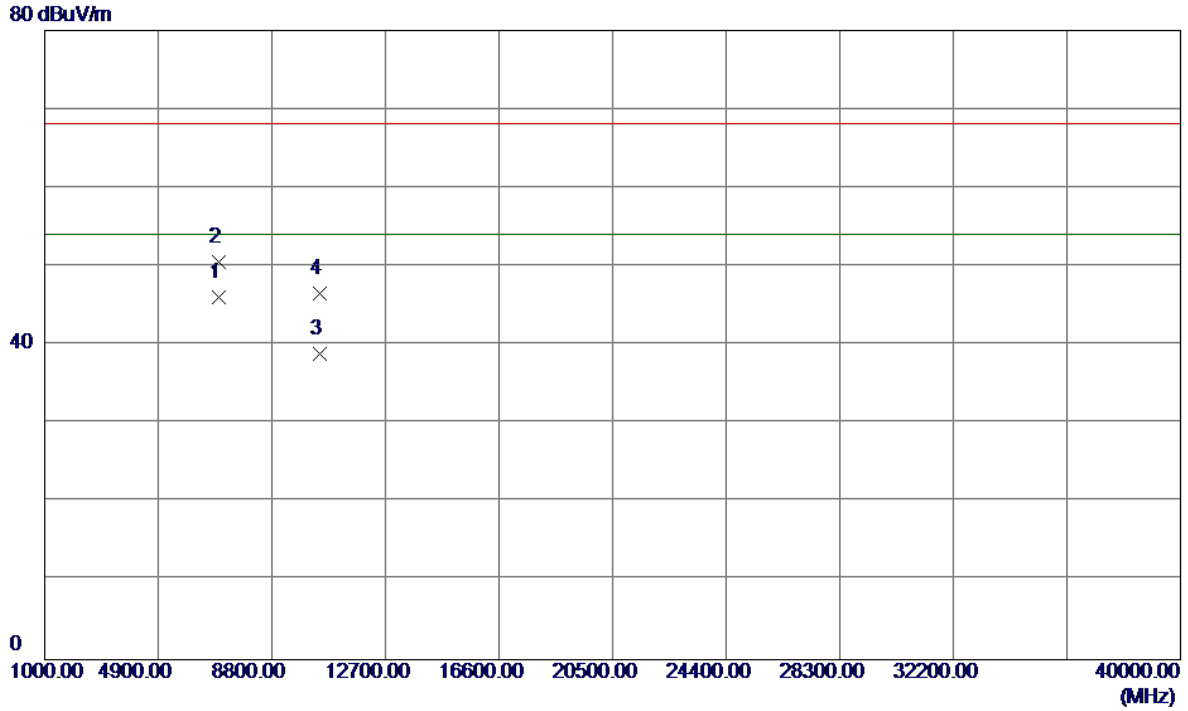
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5233.1000	63.75	40.90	104.65	68.20	36.45	Peak	No Limit
2 *	5233.8000	56.30	40.90	97.20	54.00	43.20	AVG	No Limit

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

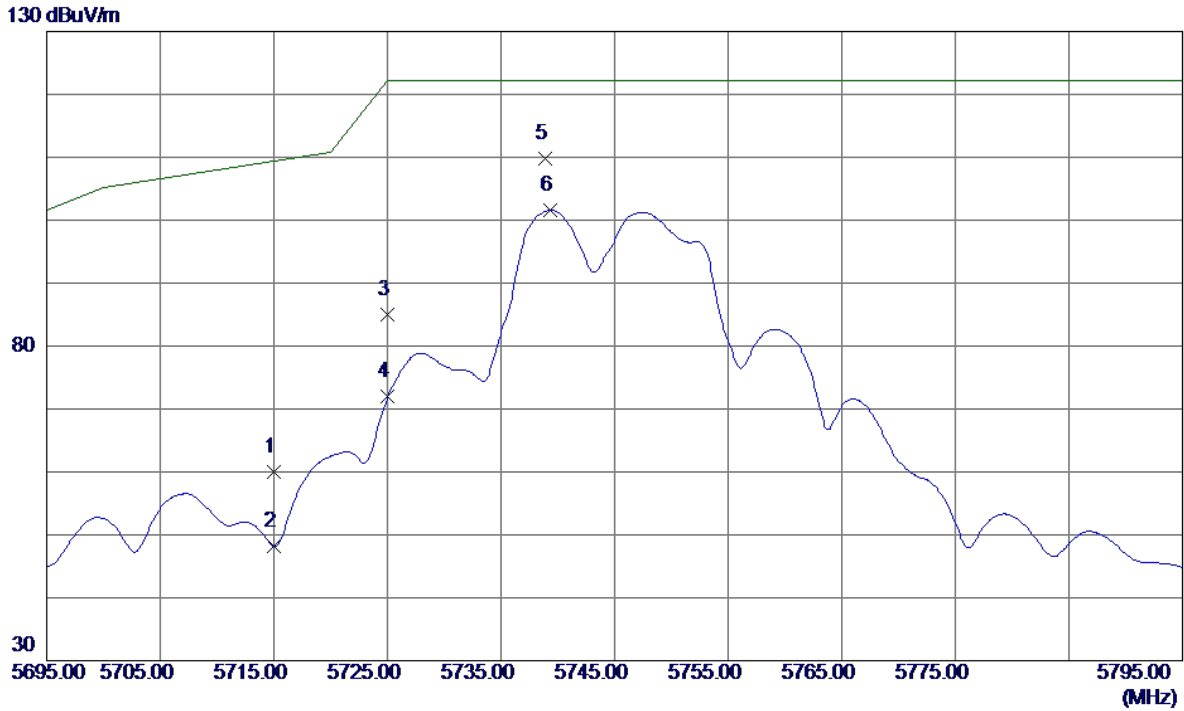
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6973.3200	35.32	10.76	46.08	54.00	-7.92	AVG	
2	6973.3750	39.76	10.76	50.52	68.20	-17.68	Peak	
3	10460.0000	23.68	15.20	38.88	54.00	-15.12	AVG	
4	10463.2000	31.39	15.20	46.59	68.20	-21.61	Peak	

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

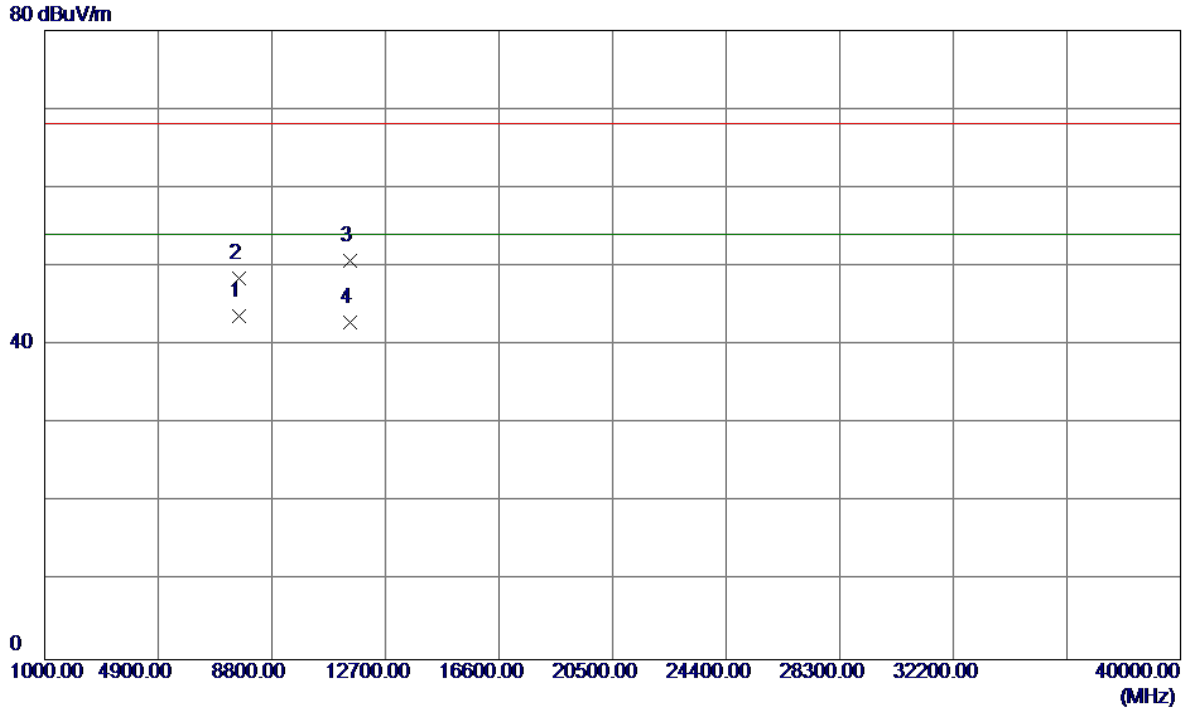
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	17.51	42.55	60.06	109.40	-49.34	Peak	
2	5715.0000	5.59	42.55	48.14	109.40	-61.26	AVG	
3	5725.0000	42.33	42.58	84.91	122.20	-37.29	Peak	
4	5725.0000	29.49	42.58	72.07	122.20	-50.13	AVG	
5 *	5738.9000	67.12	42.63	109.75	122.20	-12.45	Peak	
6	5739.3500	58.95	42.63	101.58	122.20	-20.62	AVG	

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

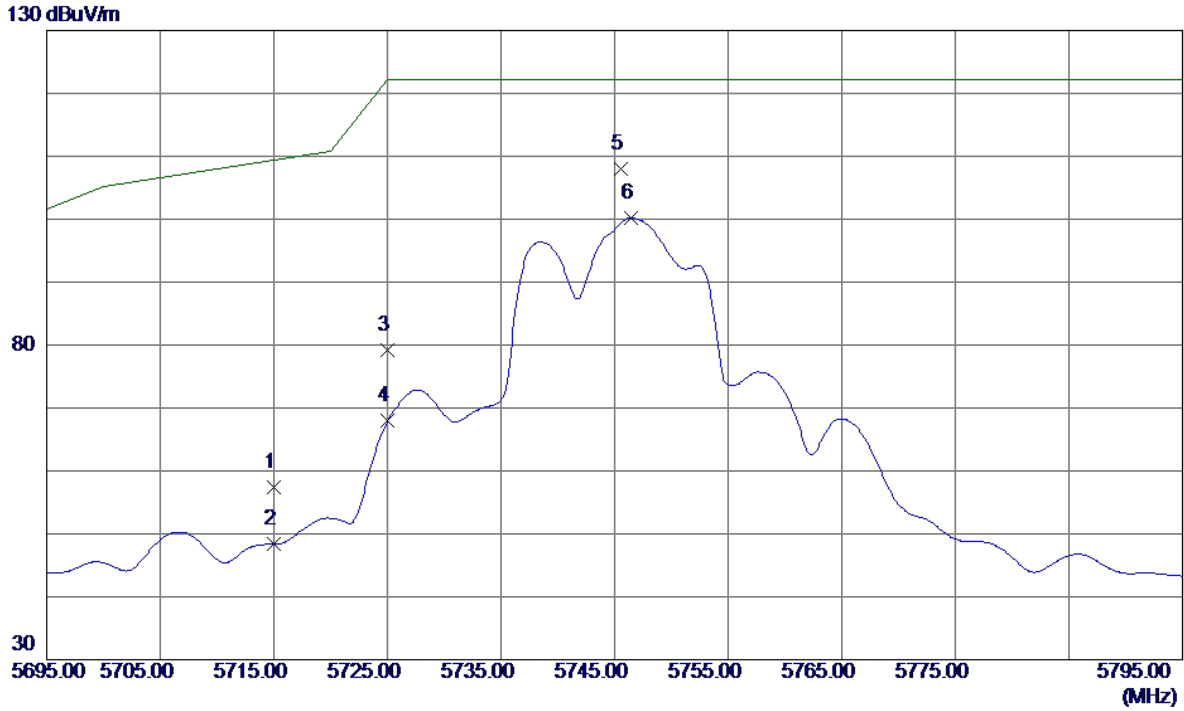
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7659.9850	31.99	11.74	43.73	54.00	-10.27	AVG	
2	7660.1550	36.81	11.74	48.55	68.20	-19.65	Peak	
3	11494.9500	35.32	15.48	50.80	68.20	-17.40	Peak	
4	11497.1500	27.44	15.48	42.92	54.00	-11.08	AVG	

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

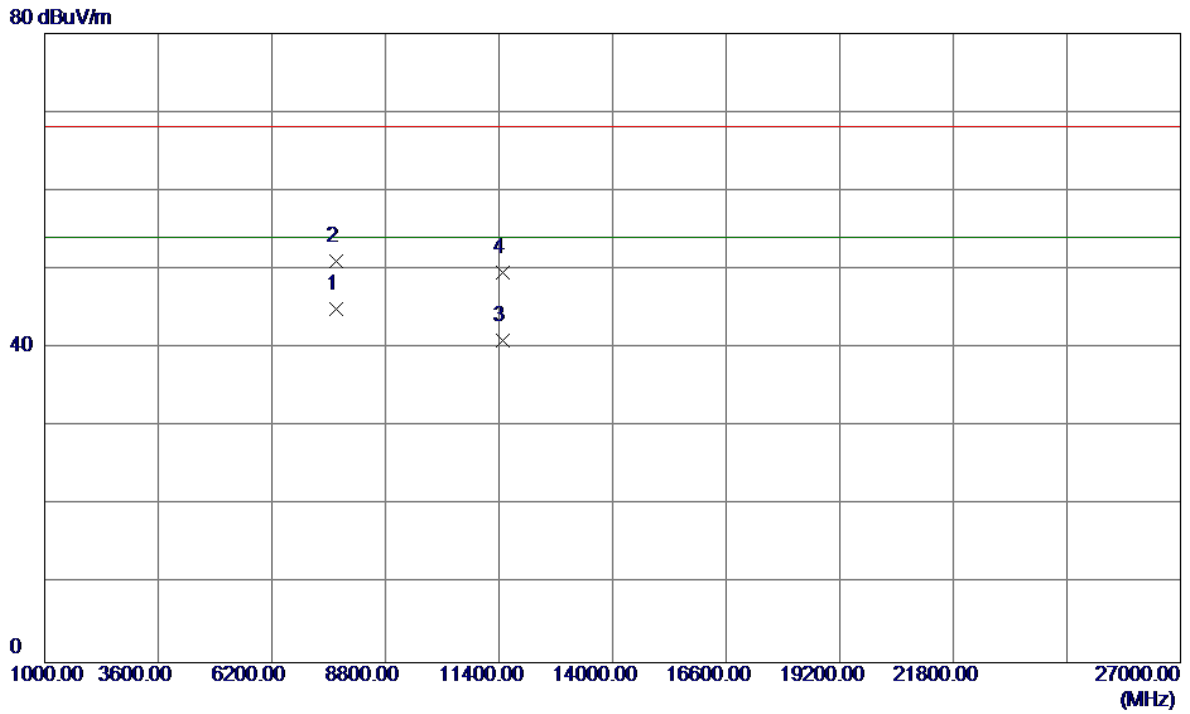
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	14.76	42.55	57.31	109.40	-52.09	Peak	
2	5715.0000	5.82	42.55	48.37	109.40	-61.03	AVG	
3	5725.0000	36.56	42.58	79.14	122.20	-43.06	Peak	
4	5725.0000	25.51	42.58	68.09	122.20	-54.11	AVG	
5 *	5745.6000	65.44	42.65	108.09	122.20	-14.11	Peak	
6	5746.4000	57.55	42.66	100.21	122.20	-21.99	AVG	

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

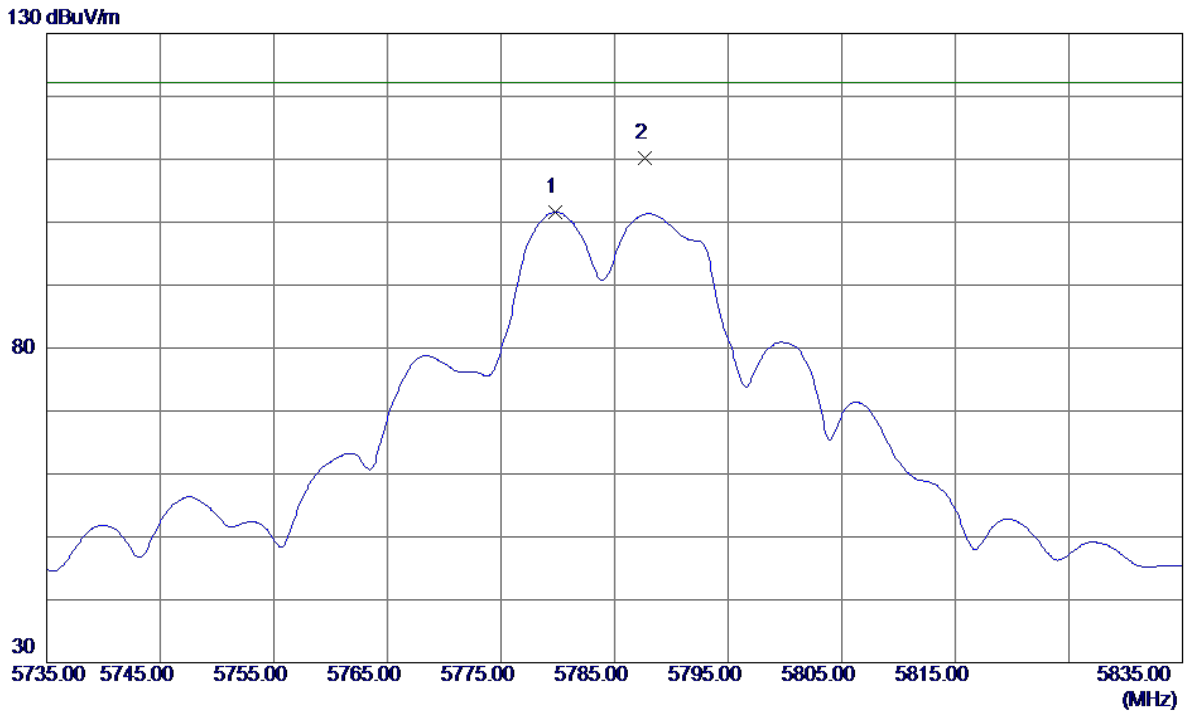
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7660.2400	33.29	11.74	45.03	54.00	-8.97	AVG	
2	7660.3150	39.32	11.74	51.06	68.20	-17.14	Peak	
3	11487.5500	25.44	15.49	40.93	54.00	-13.07	AVG	
4	11488.3500	34.17	15.49	49.66	68.20	-18.54	Peak	

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

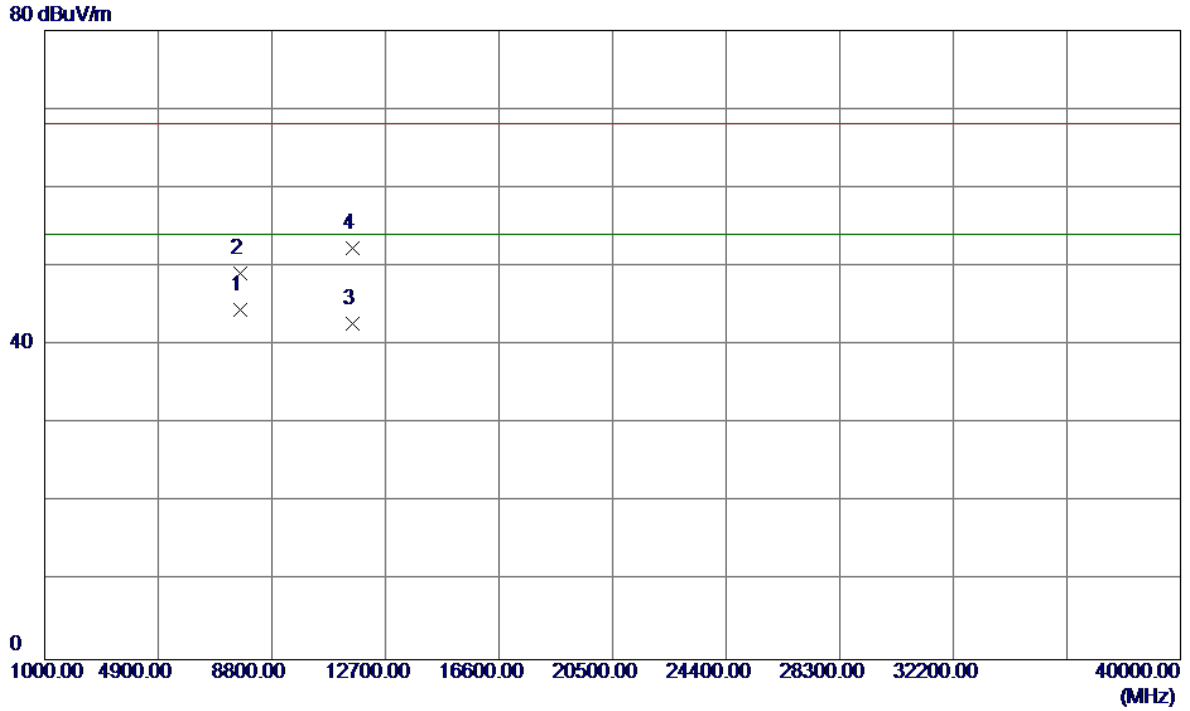
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5779.7500	58.83	42.78	101.61	122.20	-20.59	AVG	
2 *	5787.6500	67.41	42.80	110.21	122.20	-11.99	Peak	

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

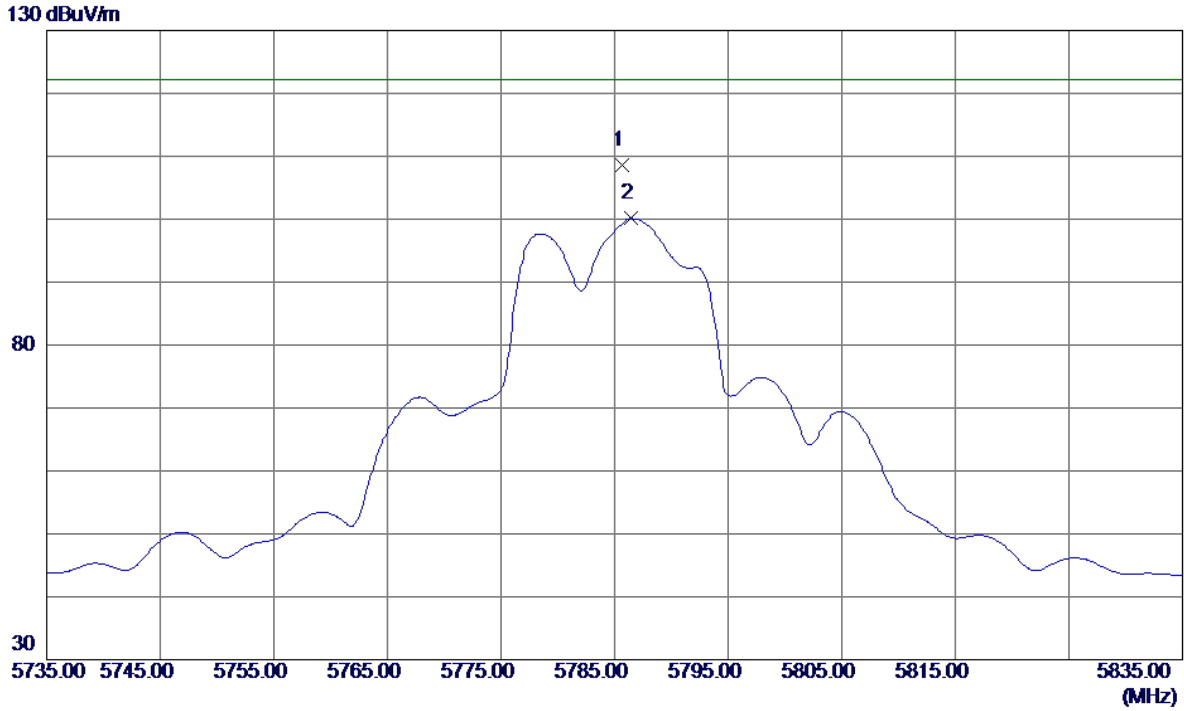
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2700	32.70	11.74	44.44	54.00	-9.56	AVG	
2	7713.3150	37.40	11.74	49.14	68.20	-19.06	Peak	
3	11576.0500	27.29	15.48	42.77	54.00	-11.23	AVG	
4	11577.0500	36.80	15.48	52.28	68.20	-15.92	Peak	

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

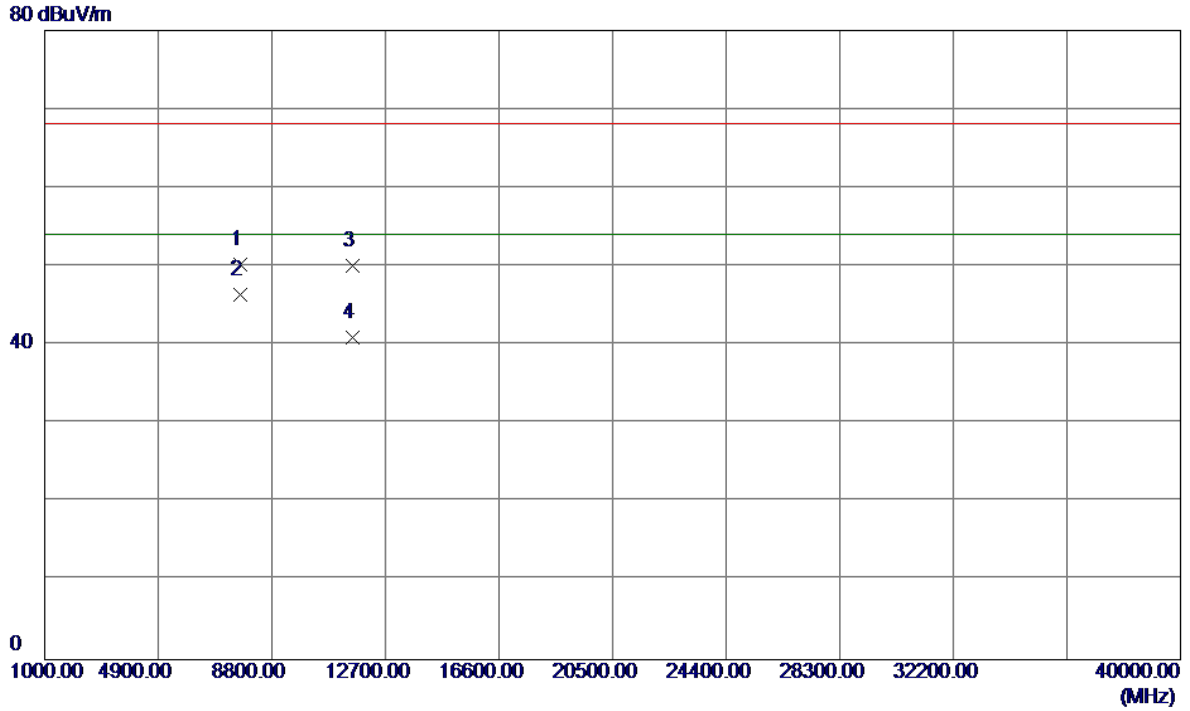
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5785.7000	65.78	42.80	108.58	122.20	-13.62	Peak	
2	5786.4500	57.31	42.80	100.11	122.20	-22.09	AVG	

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

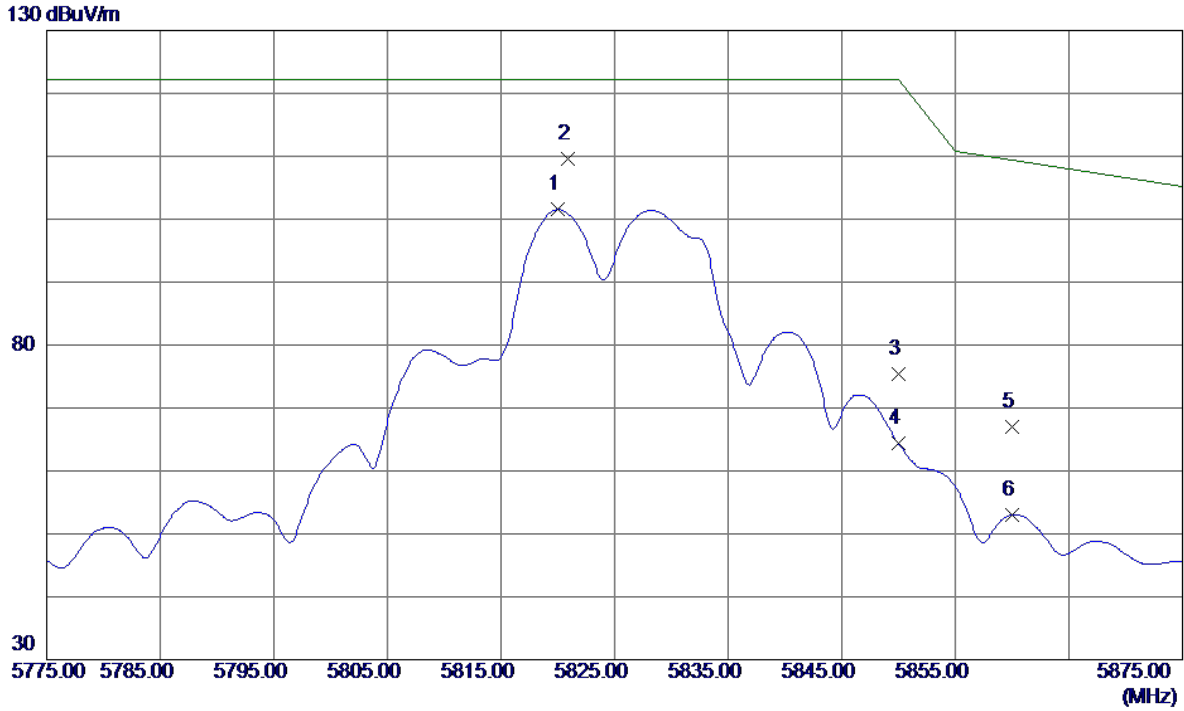
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7713.3600	38.57	11.74	50.31	68.20	-17.89	Peak	
2 *	7713.4720	34.60	11.74	46.34	54.00	-7.66	AVG	
3	11567.8500	34.65	15.48	50.13	68.20	-18.07	Peak	
4	11568.4500	25.50	15.48	40.98	54.00	-13.02	AVG	

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

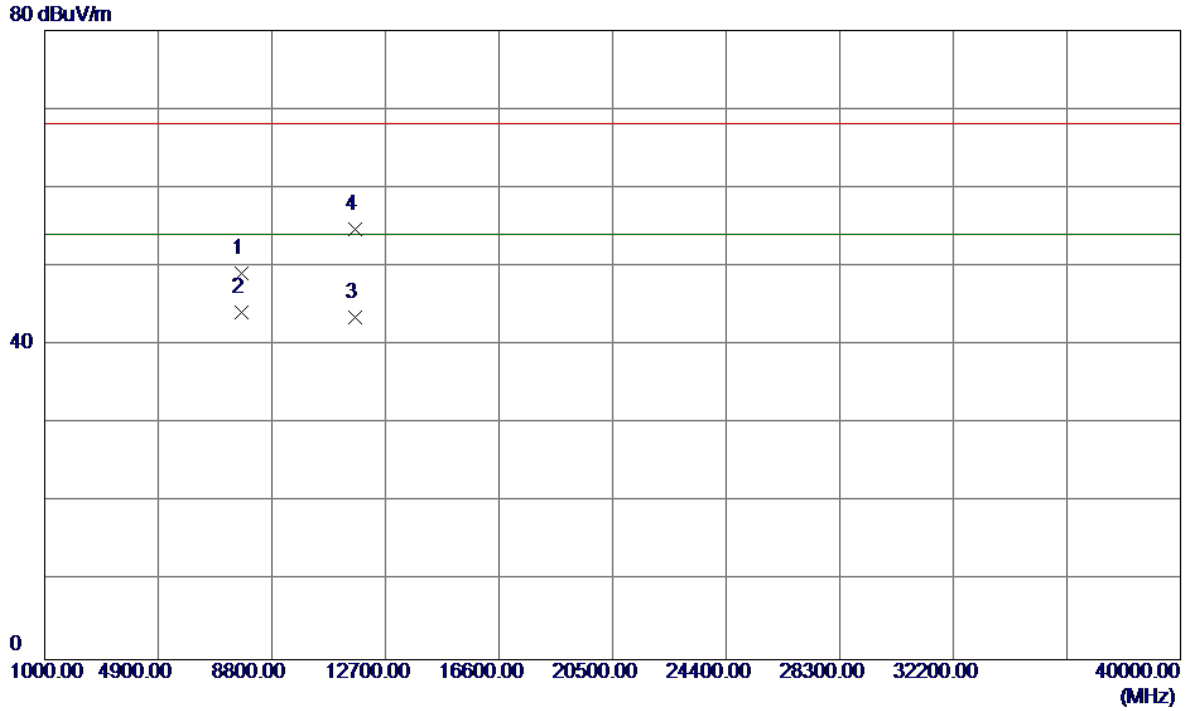
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5820.0000	58.61	42.92	101.53	122.20	-20.67	AVG	
2 *	5820.8500	66.59	42.92	109.51	122.20	-12.69	Peak	
3	5850.0000	32.33	43.03	75.36	122.20	-46.84	Peak	
4	5850.0000	21.28	43.03	64.31	122.20	-57.89	AVG	
5	5860.0000	24.02	43.06	67.08	109.40	-42.32	Peak	
6	5860.0000	9.99	43.06	53.05	109.40	-56.35	AVG	

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

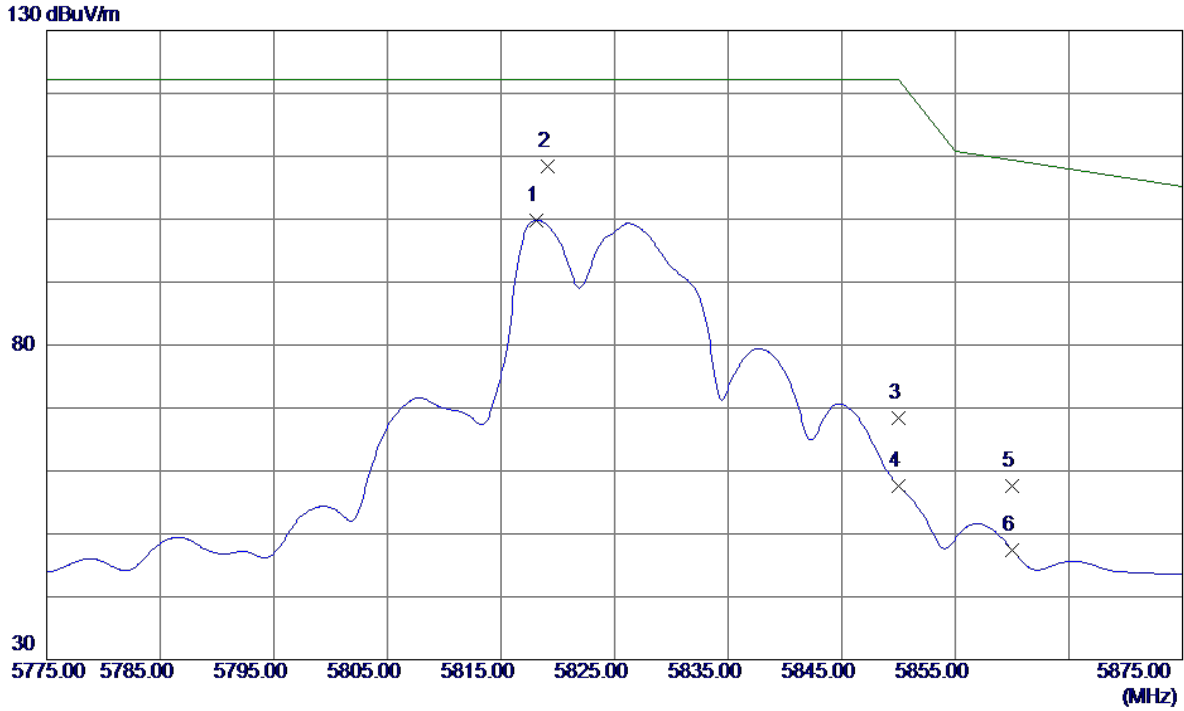
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7766.4830	37.38	11.73	49.11	68.20	-19.09	Peak	
2 *	7766.6230	32.42	11.73	44.15	54.00	-9.85	AVG	
3	11649.2500	28.11	15.48	43.59	54.00	-10.41	AVG	
4	11650.5500	39.30	15.48	54.78	68.20	-13.42	Peak	

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

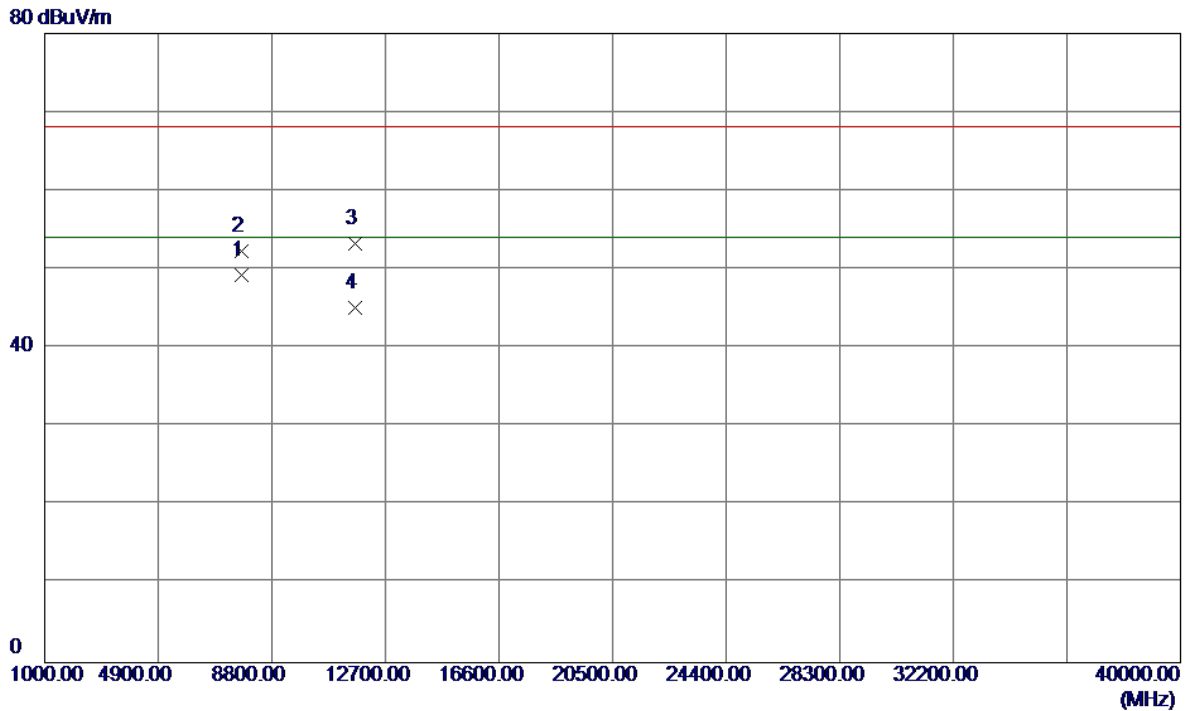
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5818.1500	56.94	42.91	99.85	122.20	-22.35	AVG	
2 *	5819.1500	65.57	42.92	108.49	122.20	-13.71	Peak	
3	5850.0000	25.44	43.03	68.47	122.20	-53.73	Peak	
4	5850.0000	14.54	43.03	57.57	122.20	-64.63	AVG	
5	5860.0000	14.52	43.06	57.58	109.40	-51.82	Peak	
6	5860.0000	4.40	43.06	47.46	109.40	-61.94	AVG	

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

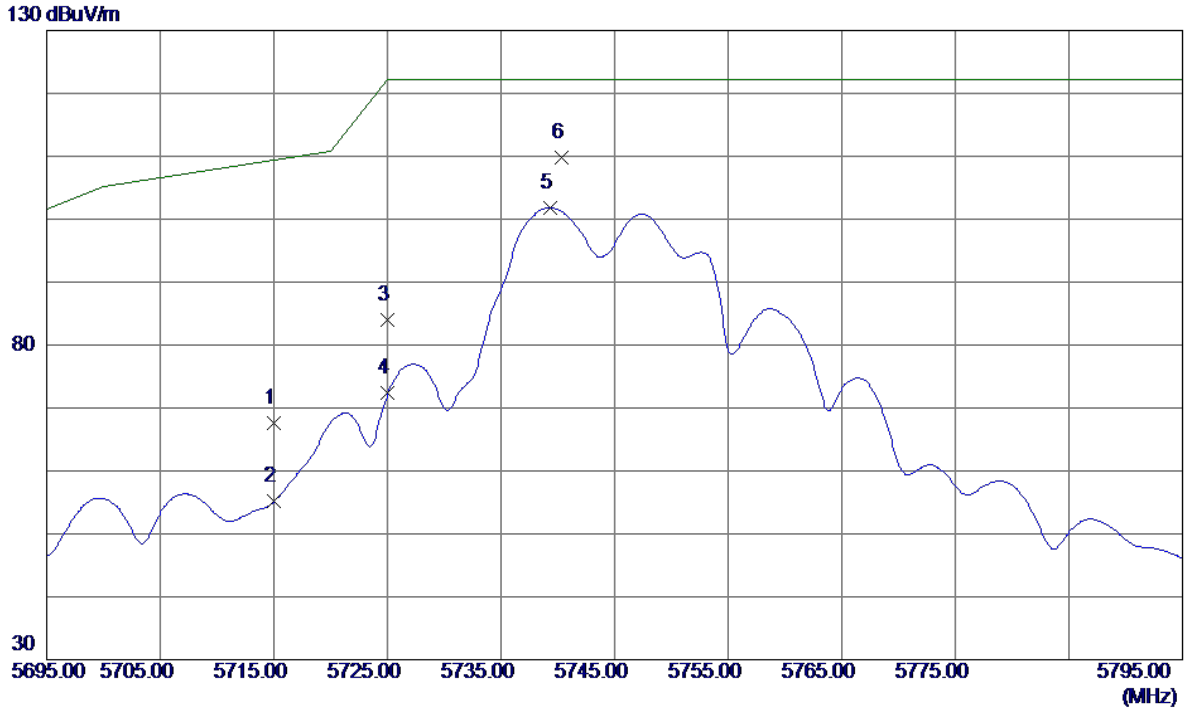
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7766.6130	37.54	11.73	49.27	54.00	-4.73	AVG	
2	7766.7550	40.57	11.73	52.30	68.20	-15.90	Peak	
3	11646.0500	37.84	15.48	53.32	68.20	-14.88	Peak	
4	11646.0500	29.59	15.48	45.07	54.00	-8.93	AVG	

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

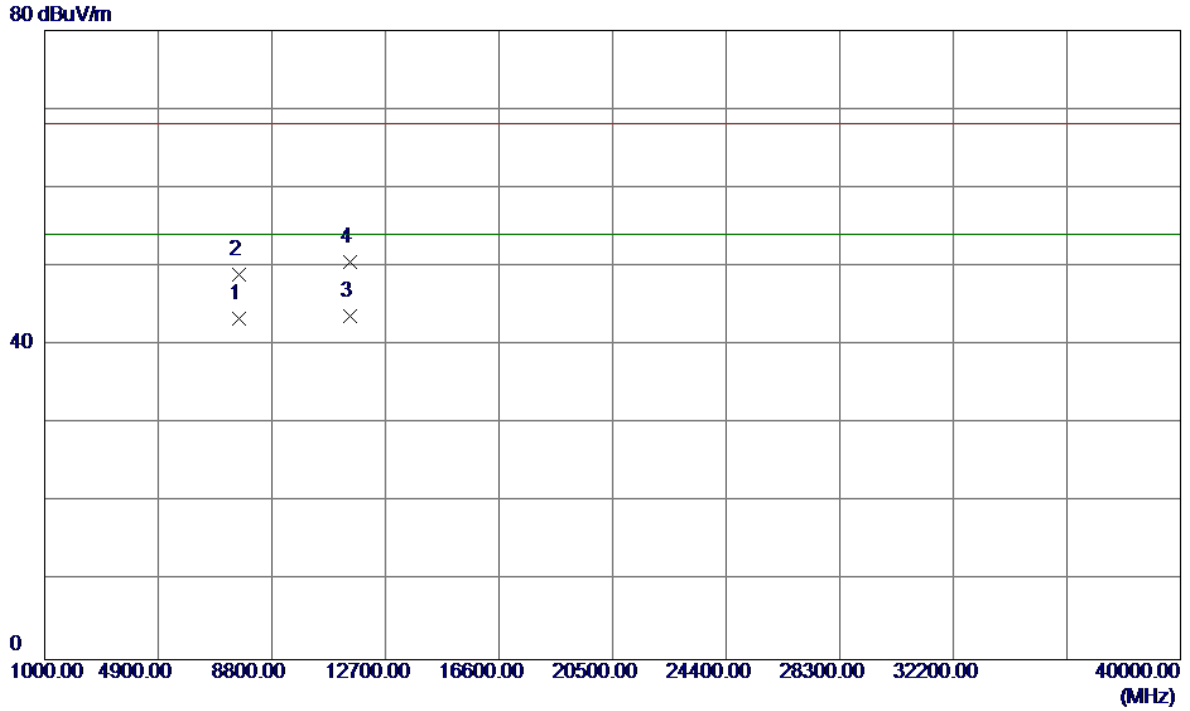
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	25.07	42.55	67.62	109.40	-41.78	Peak	
2	5715.0000	12.65	42.55	55.20	109.40	-54.20	AVG	
3	5725.0000	41.35	42.58	83.93	122.20	-38.27	Peak	
4	5725.0000	29.87	42.58	72.45	122.20	-49.75	AVG	
5	5739.3000	59.23	42.63	101.86	122.20	-20.34	AVG	
6 *	5740.3000	67.24	42.64	109.88	122.20	-12.32	Peak	

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

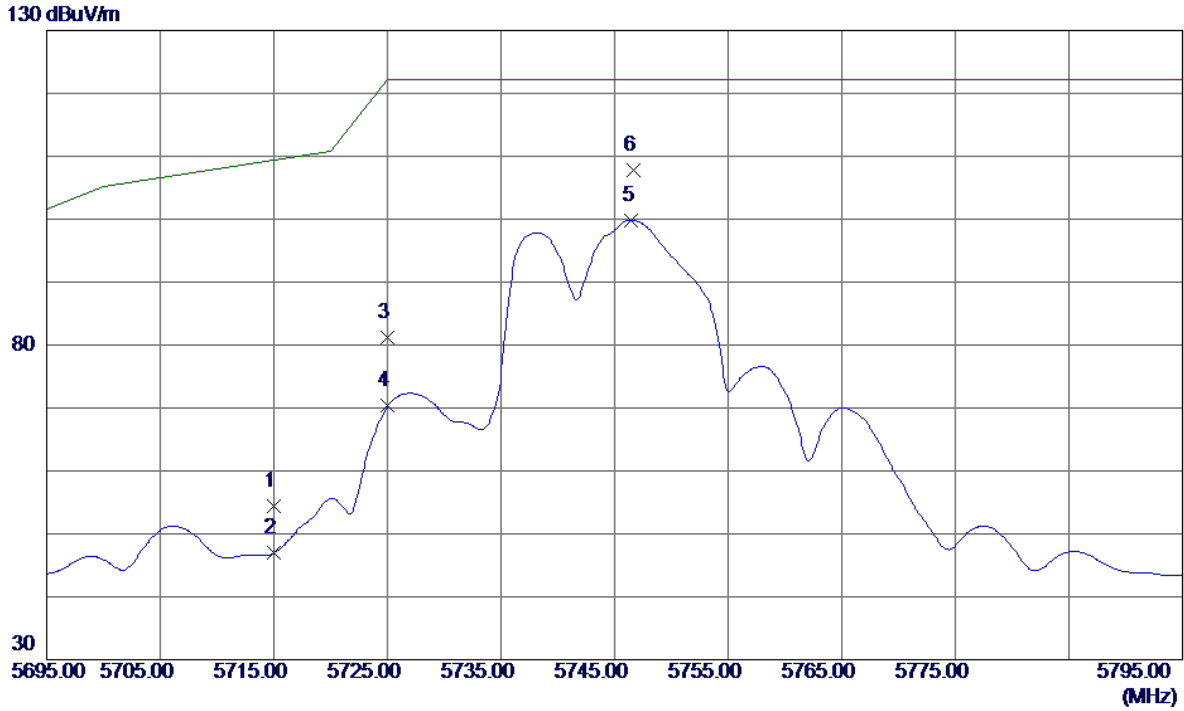
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7659.9400	31.65	11.74	43.39	54.00	-10.61	AVG	
2	7660.1300	37.28	11.74	49.02	68.20	-19.18	Peak	
3 *	11495.9500	28.17	15.48	43.65	54.00	-10.35	AVG	
4	11497.6500	35.11	15.48	50.59	68.20	-17.61	Peak	

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

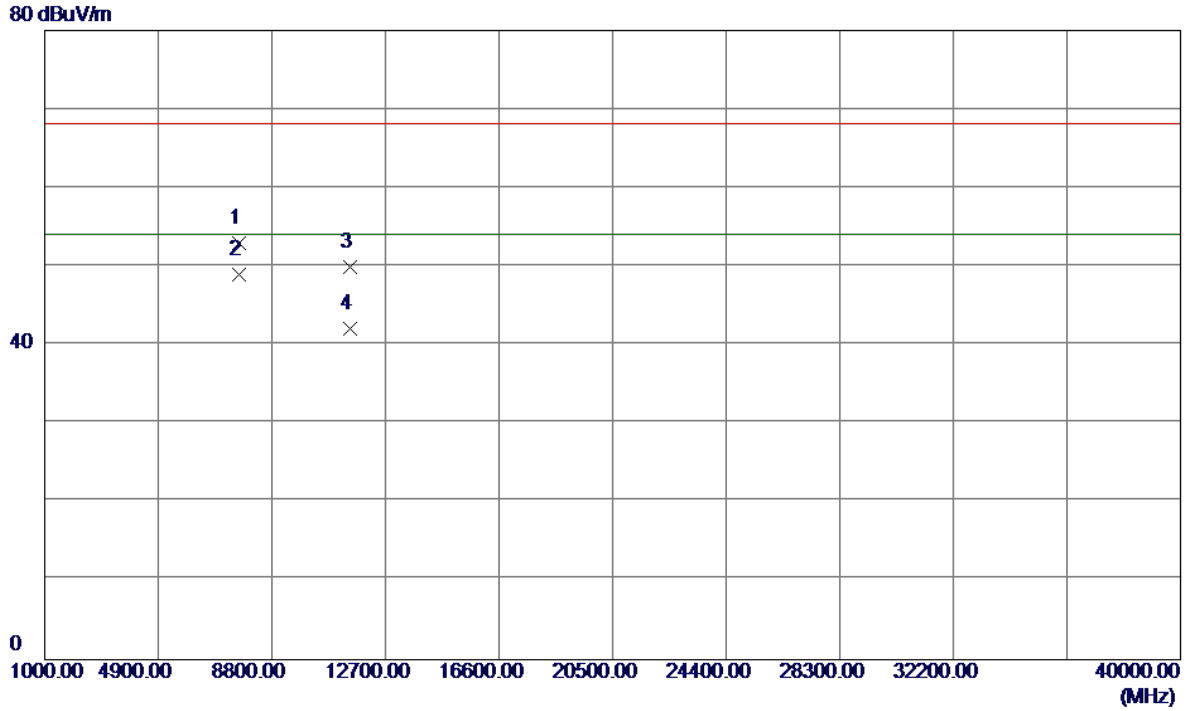
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	11.82	42.55	54.37	109.40	-55.03	Peak	
2	5715.0000	4.46	42.55	47.01	109.40	-62.39	AVG	
3	5725.0000	38.66	42.58	81.24	122.20	-40.96	Peak	
4	5725.0000	27.77	42.58	70.35	122.20	-51.85	AVG	
5	5746.5000	57.17	42.66	99.83	122.20	-22.37	AVG	
6 *	5746.7000	65.11	42.66	107.77	122.20	-14.43	Peak	

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

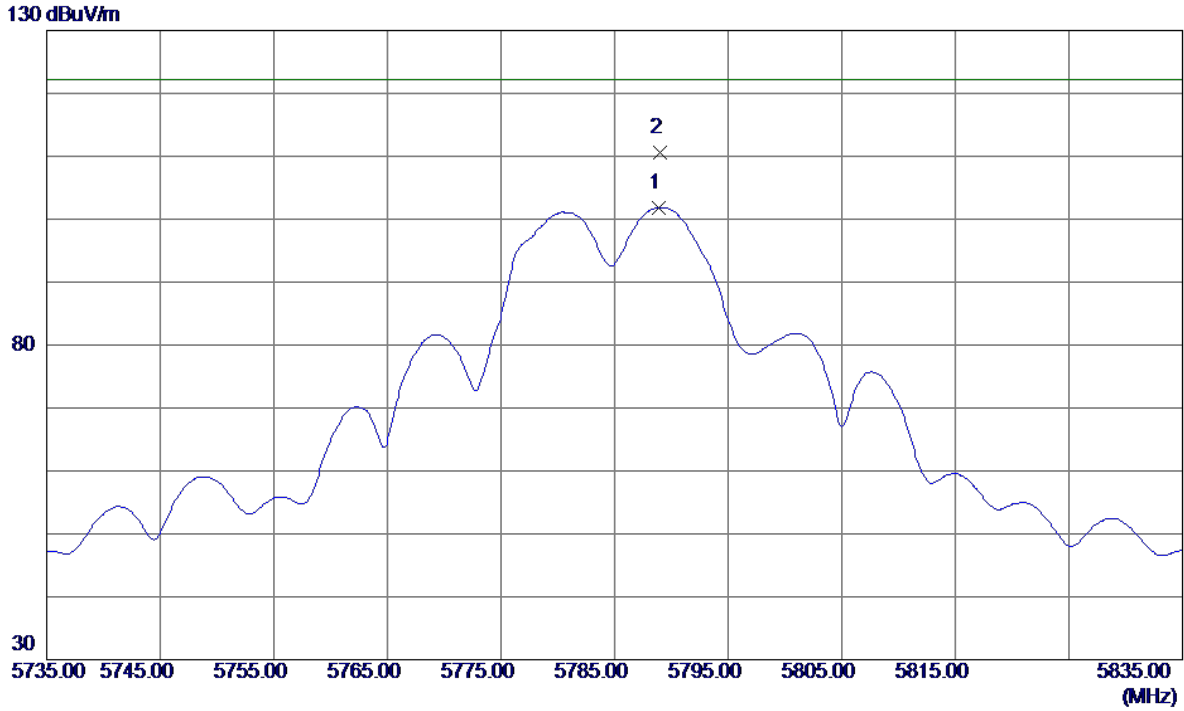
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7660.6800	41.19	11.74	52.93	68.20	-15.27	Peak	
2 *	7660.8750	37.22	11.74	48.96	54.00	-5.04	AVG	
3	11487.5100	34.42	15.49	49.91	68.20	-18.29	Peak	
4	11487.4900	26.56	15.49	42.05	54.00	-11.95	AVG	

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

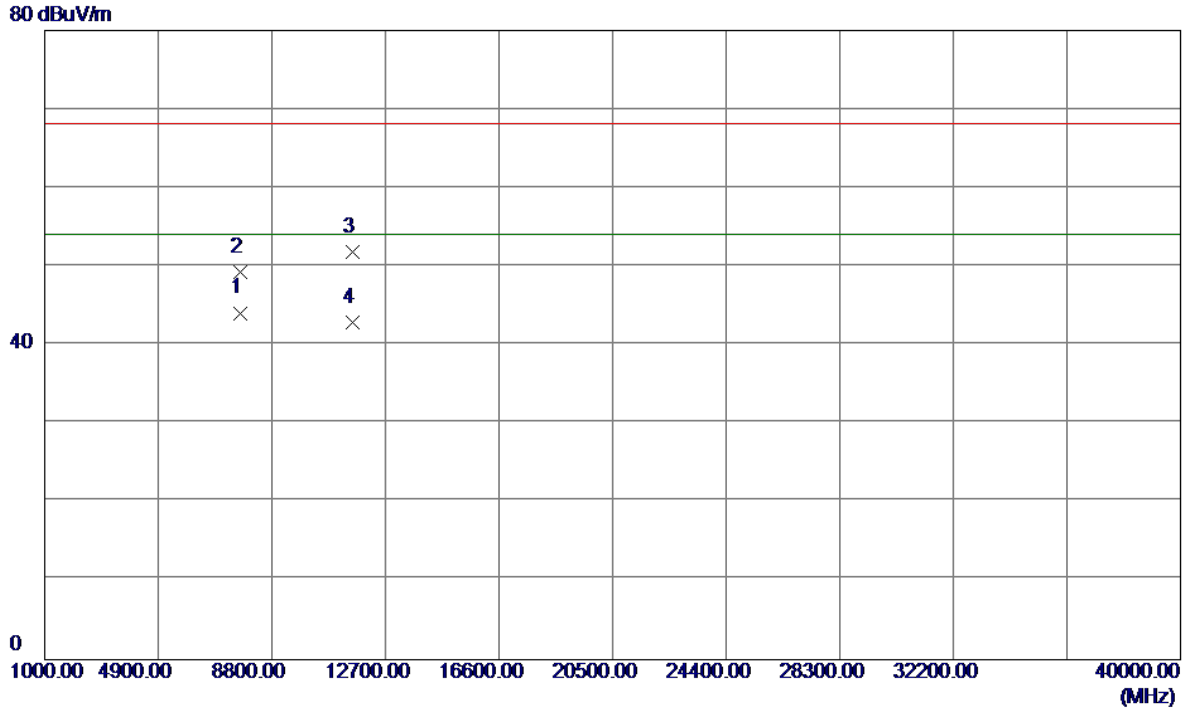
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5788.9000	59.06	42.81	101.87	122.20	-20.33	AVG	
2 *	5788.9500	67.77	42.81	110.58	122.20	-11.62	Peak	

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

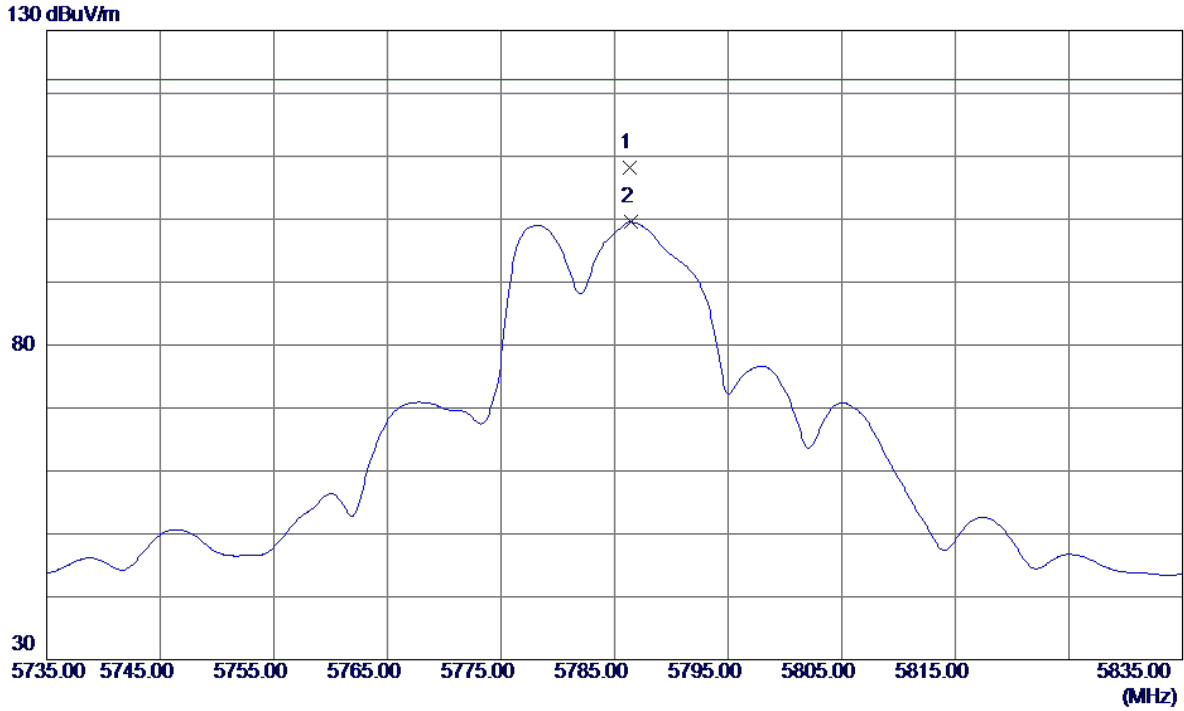
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2750	32.34	11.74	44.08	54.00	-9.92	AVG	
2	7713.2920	37.56	11.74	49.30	68.20	-18.90	Peak	
3	11574.7500	36.37	15.48	51.85	68.20	-16.35	Peak	
4	11575.8500	27.39	15.48	42.87	54.00	-11.13	AVG	

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

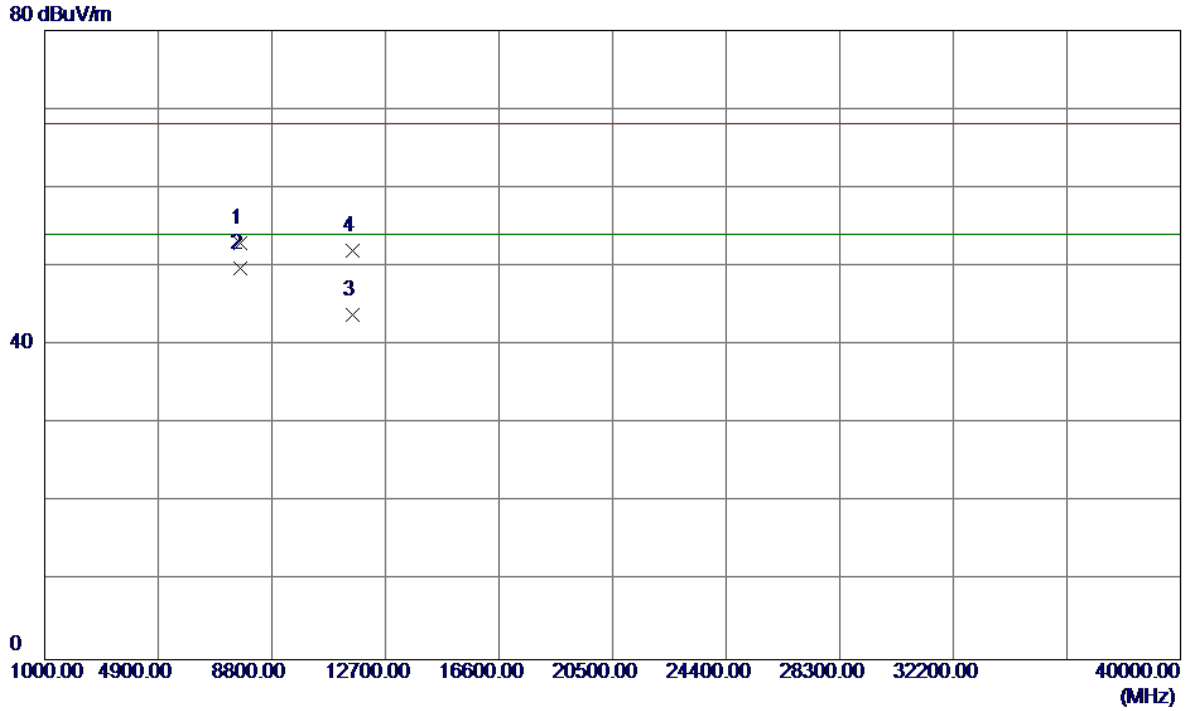
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5786.3000	65.45	42.80	108.25	122.20	-13.95	Peak	
2	5786.4000	56.71	42.80	99.51	122.20	-22.69	AVG	

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

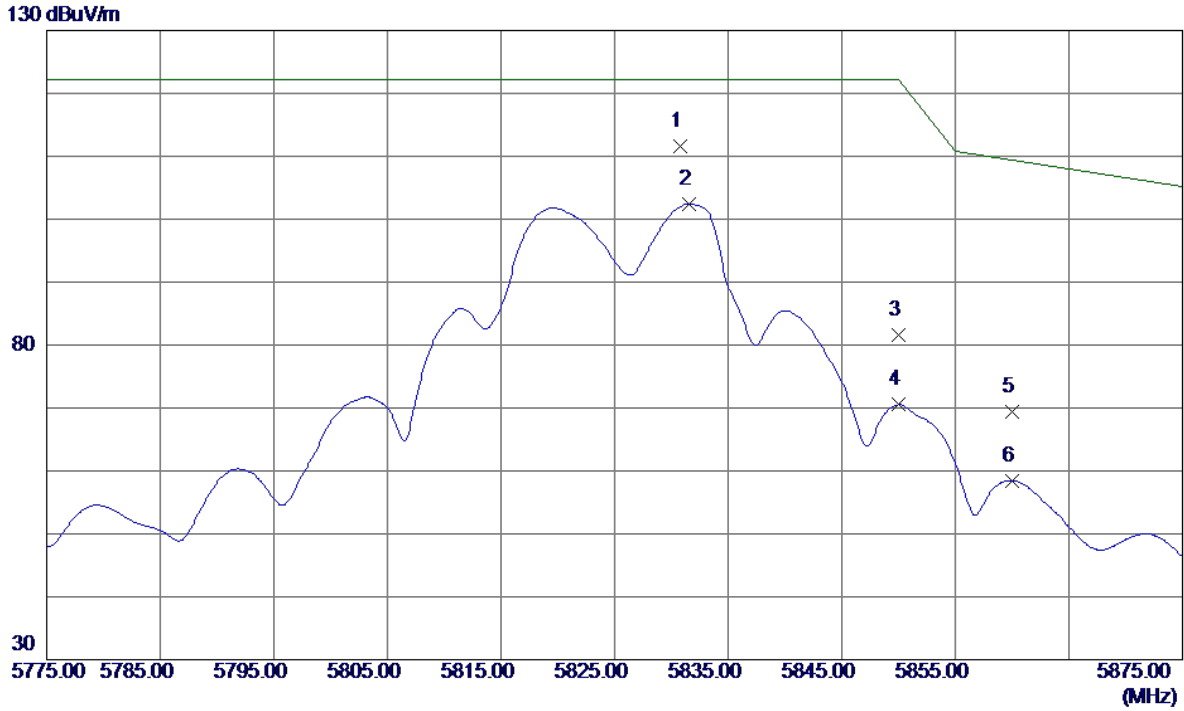
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7713.2500	41.22	11.74	52.96	68.20	-15.24	Peak	
2 *	7713.2700	37.96	11.74	49.70	54.00	-4.30	AVG	
3	11568.4500	28.32	15.48	43.80	54.00	-10.20	AVG	
4	11569.2500	36.55	15.48	52.03	68.20	-16.17	Peak	

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

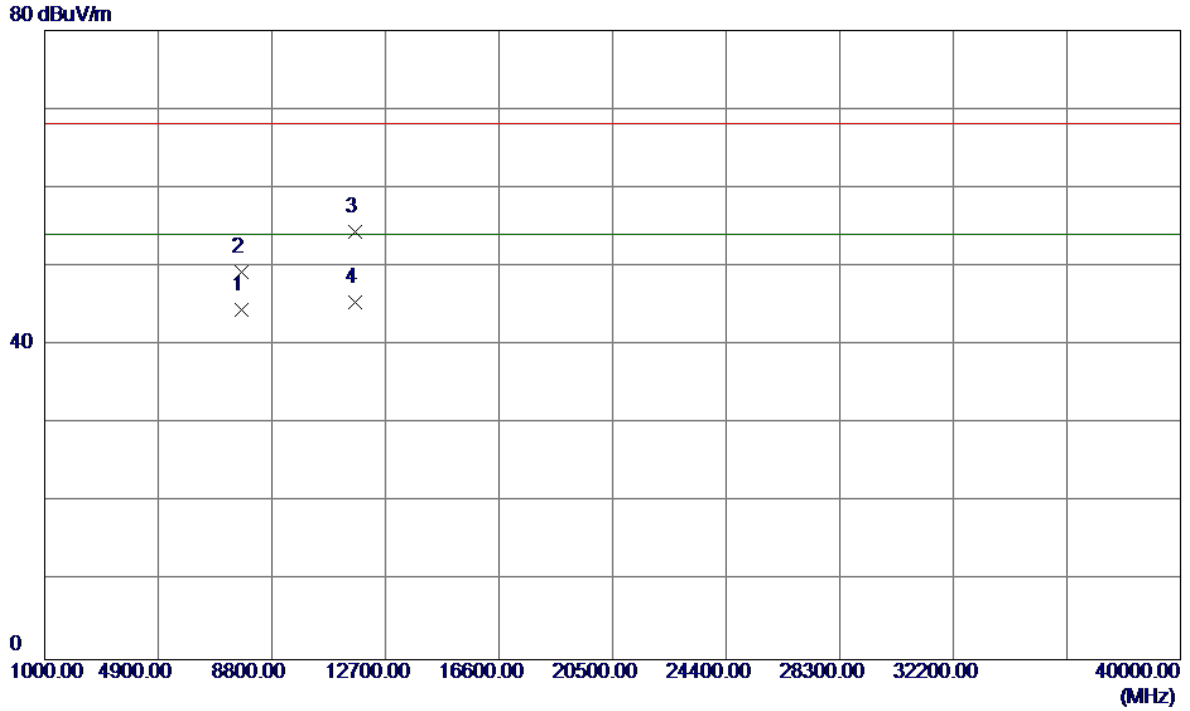
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5830.7500	68.71	42.96	111.67	122.20	-10.53	Peak	
2	5831.6000	59.50	42.96	102.46	122.20	-19.74	AVG	
3	5850.0000	38.56	43.03	81.59	122.20	-40.61	Peak	
4	5850.0000	27.50	43.03	70.53	122.20	-51.67	AVG	
5	5860.0000	26.25	43.06	69.31	109.40	-40.09	Peak	
6	5860.0000	15.41	43.06	58.47	109.40	-50.93	AVG	

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

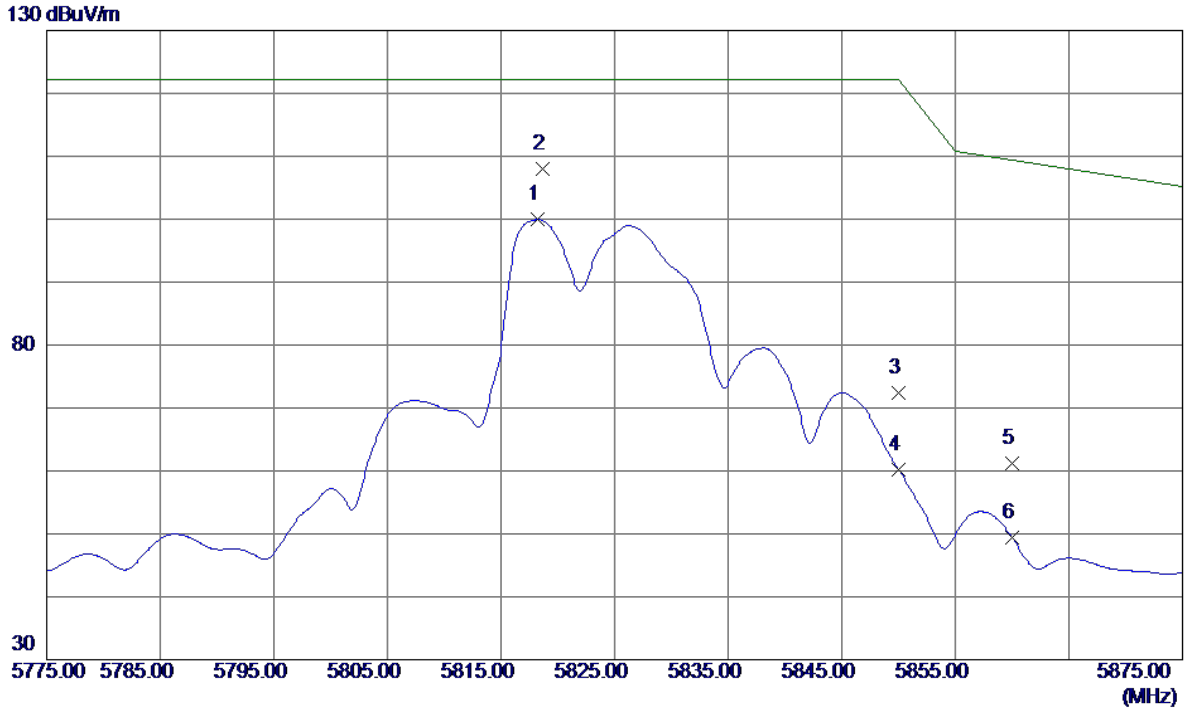
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7766.6370	32.75	11.73	44.48	54.00	-9.52	AVG	
2	7766.6800	37.62	11.73	49.35	68.20	-18.85	Peak	
3	11649.2500	38.88	15.48	54.36	68.20	-13.84	Peak	
4 *	11649.3500	29.93	15.48	45.41	54.00	-8.59	AVG	

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

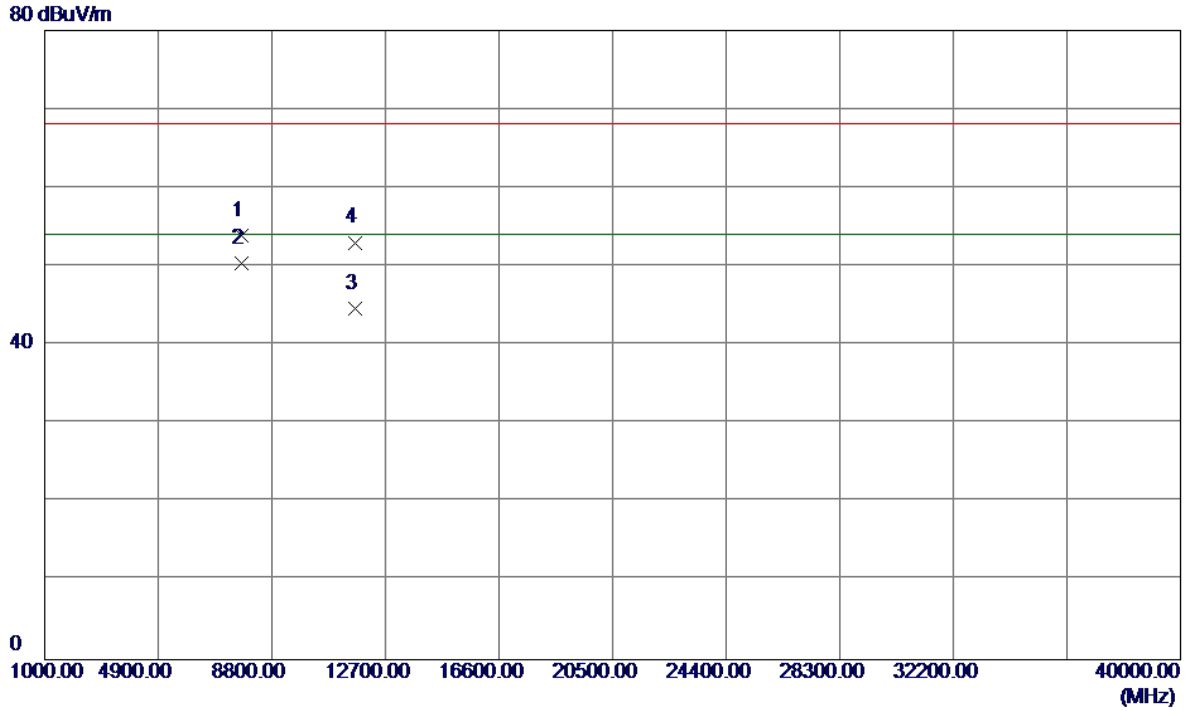
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5818.2500	57.05	42.91	99.96	122.20	-22.24	AVG	
2 *	5818.7000	65.14	42.91	108.05	122.20	-14.15	Peak	
3	5850.0000	29.41	43.03	72.44	122.20	-49.76	Peak	
4	5850.0000	17.19	43.03	60.22	122.20	-61.98	AVG	
5	5860.0000	18.12	43.06	61.18	109.40	-48.22	Peak	
6	5860.0000	6.31	43.06	49.37	109.40	-60.03	AVG	

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

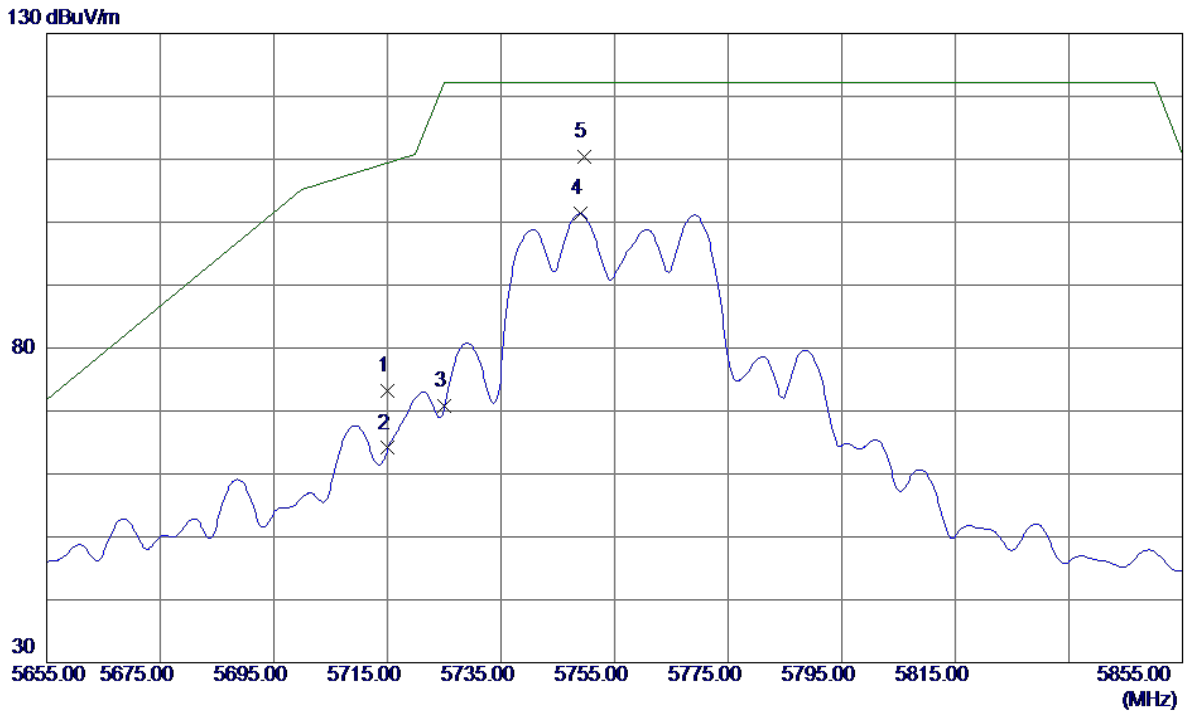
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7766.7100	42.14	11.73	53.87	68.20	-14.33	Peak	
2 *	7766.6760	38.73	11.73	50.46	54.00	-3.54	AVG	
3	11648.5900	29.16	15.48	44.64	54.00	-9.36	AVG	
4	11647.1700	37.56	15.48	53.04	68.20	-15.16	Peak	

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

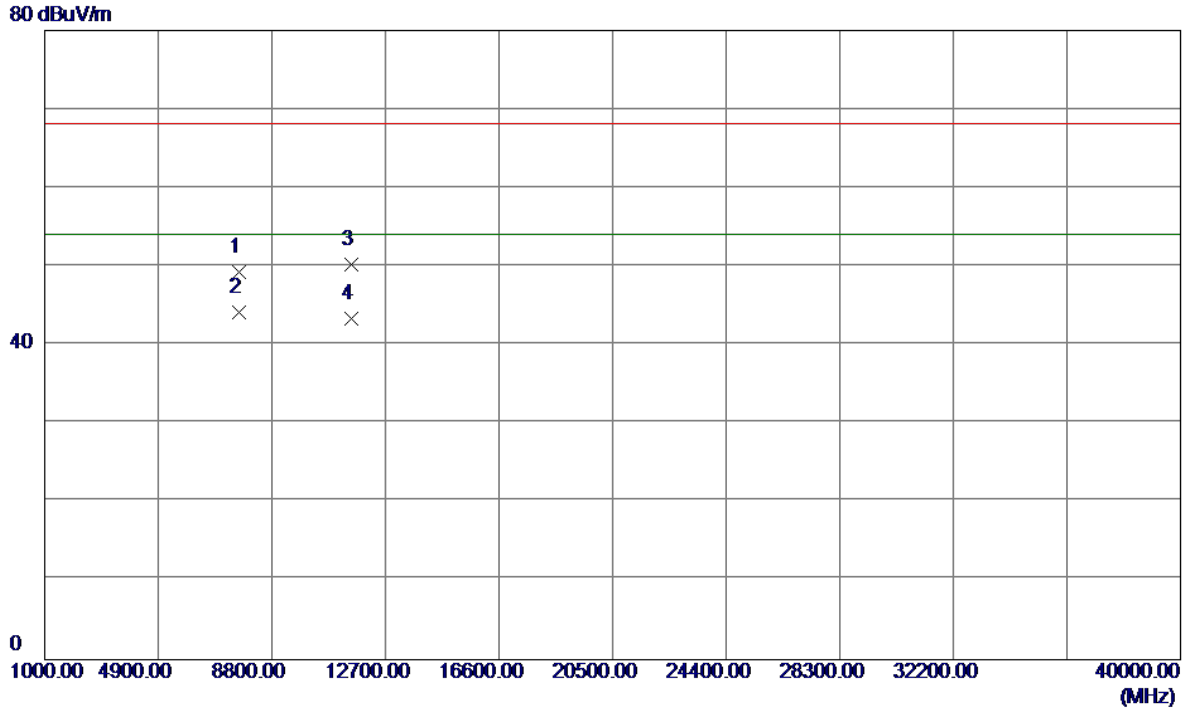
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	30.66	42.55	73.21	109.40	-36.19	Peak	
2	5715.0000	21.55	42.55	64.10	109.40	-45.30	AVG	
3	5725.0000	28.24	42.58	70.82	122.20	-51.38	AVG	
4	5748.9000	58.70	42.67	101.37	122.20	-20.83	AVG	
5 *	5749.7000	67.69	42.67	110.36	122.20	-11.84	Peak	

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

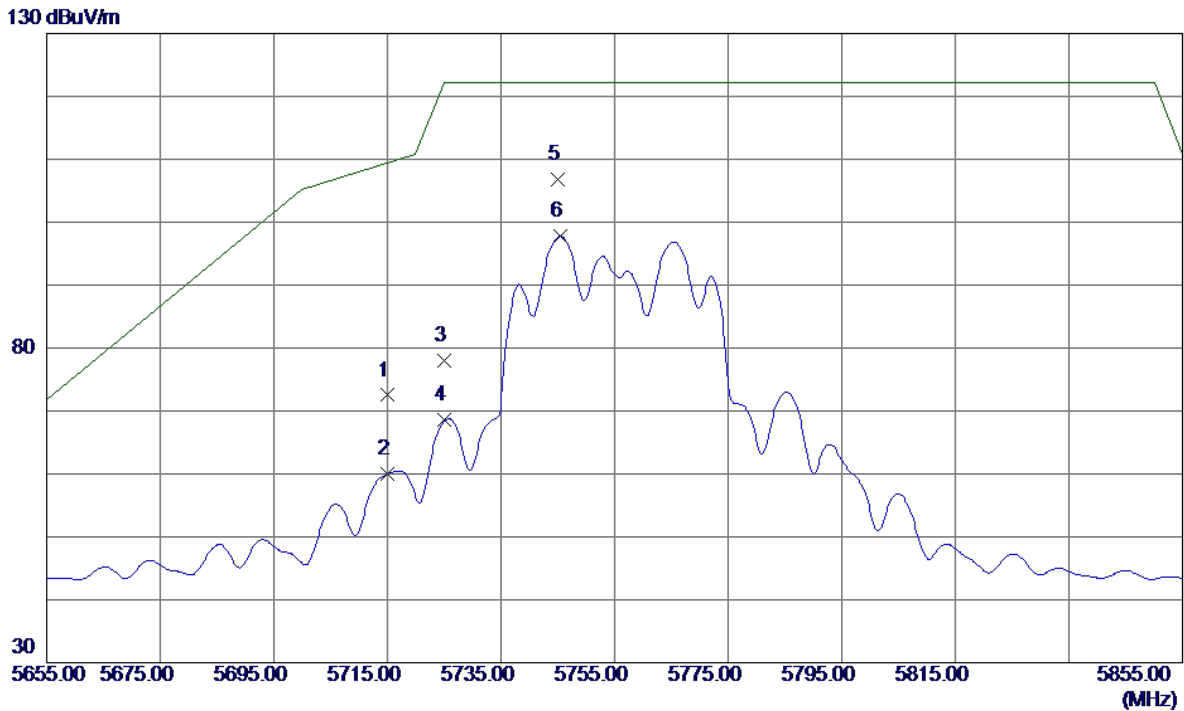
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7673.2100	37.52	11.74	49.26	68.20	-18.94	Peak	
2 *	7673.3000	32.37	11.74	44.11	54.00	-9.89	AVG	
3	11515.0000	34.71	15.48	50.19	68.20	-18.01	Peak	
4	11515.7500	27.89	15.48	43.37	54.00	-10.63	AVG	

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

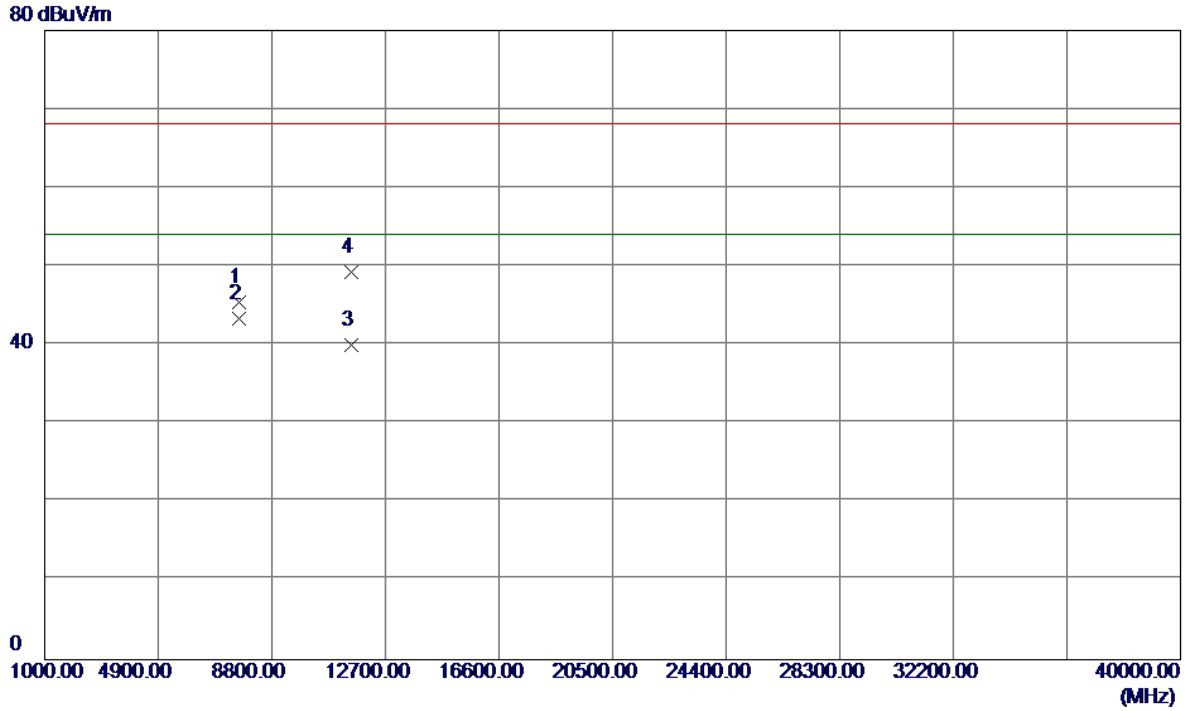
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	29.95	42.55	72.50	109.40	-36.90	Peak	
2	5715.0000	17.50	42.55	60.05	109.40	-49.35	AVG	
3	5725.0000	35.45	42.58	78.03	122.20	-44.17	Peak	
4	5725.0000	25.94	42.58	68.52	122.20	-53.68	AVG	
5 *	5745.1000	64.17	42.65	106.82	122.20	-15.38	Peak	
6	5745.4000	55.10	42.65	97.75	122.20	-24.45	AVG	

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

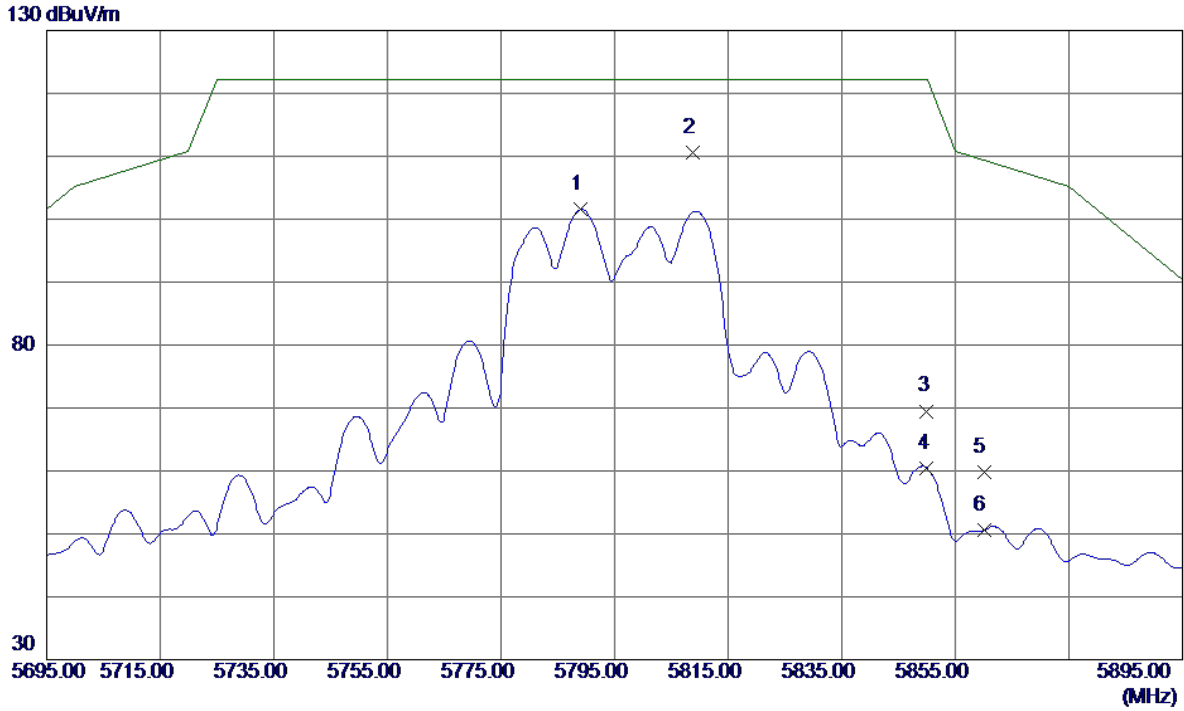
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7673.6240	33.76	11.74	45.50	68.20	-22.70	Peak	
2 *	7673.6100	31.63	11.74	43.37	54.00	-10.63	AVG	
3	11509.4700	24.51	15.48	39.99	54.00	-14.01	AVG	
4	11509.6200	33.77	15.48	49.25	68.20	-18.95	Peak	

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

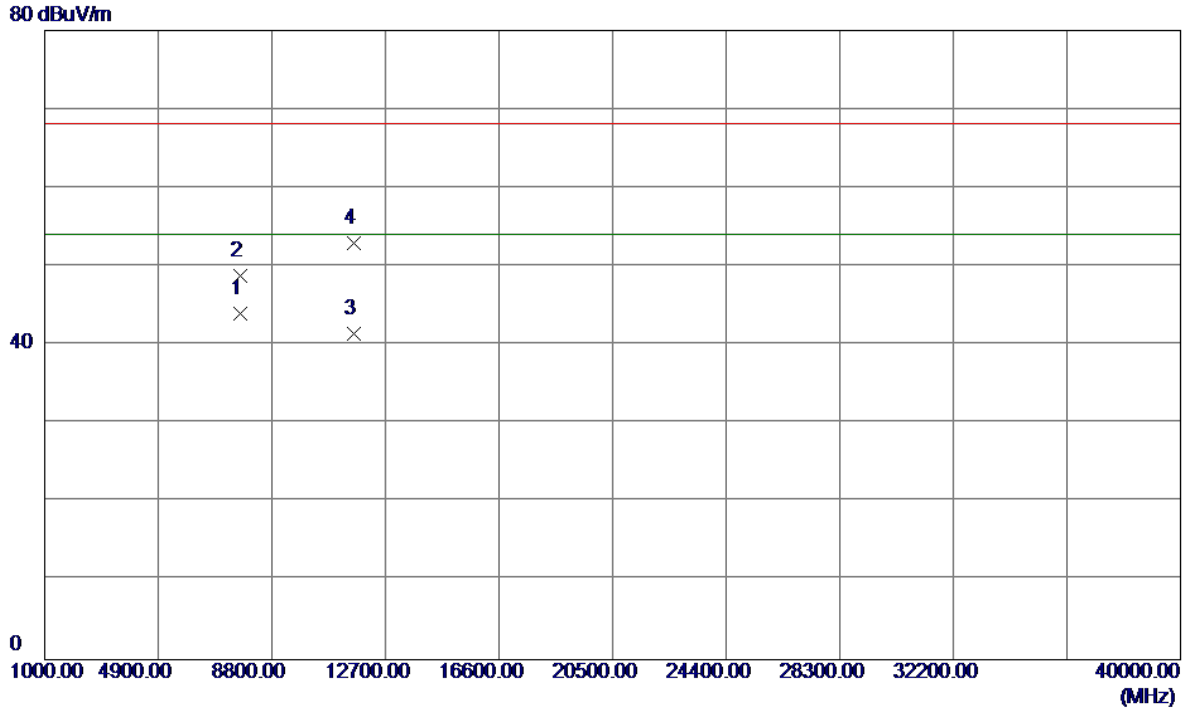
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5789.1000	58.73	42.81	101.54	122.20	-20.66	AVG	
2 *	5808.7000	67.68	42.88	110.56	122.20	-11.64	Peak	
3	5850.0000	26.47	43.03	69.50	122.20	-52.70	Peak	
4	5850.0000	17.29	43.03	60.32	122.20	-61.88	AVG	
5	5860.0000	16.77	43.06	59.83	109.40	-49.57	Peak	
6	5860.0000	7.57	43.06	50.63	109.40	-58.77	AVG	

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

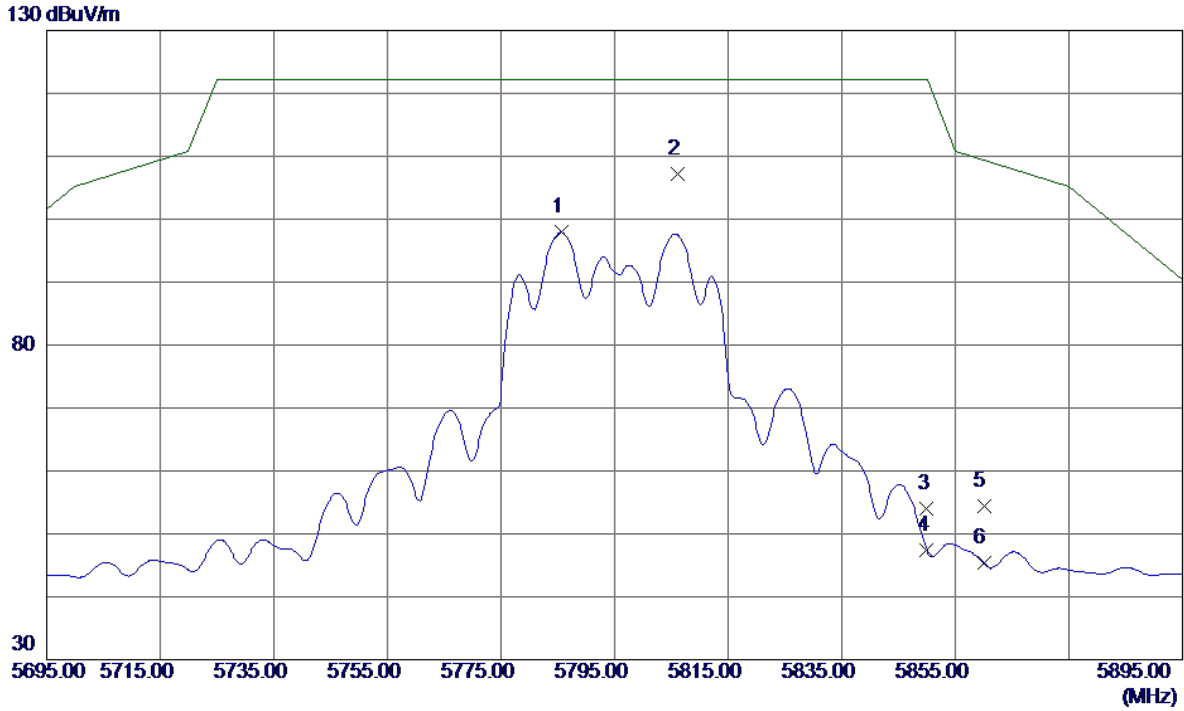
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7726.6480	32.30	11.74	44.04	54.00	-9.96	AVG	
2	7726.6600	36.99	11.74	48.73	68.20	-19.47	Peak	
3	11597.5000	25.96	15.48	41.44	54.00	-12.56	AVG	
4	11597.7500	37.50	15.48	52.98	68.20	-15.22	Peak	

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

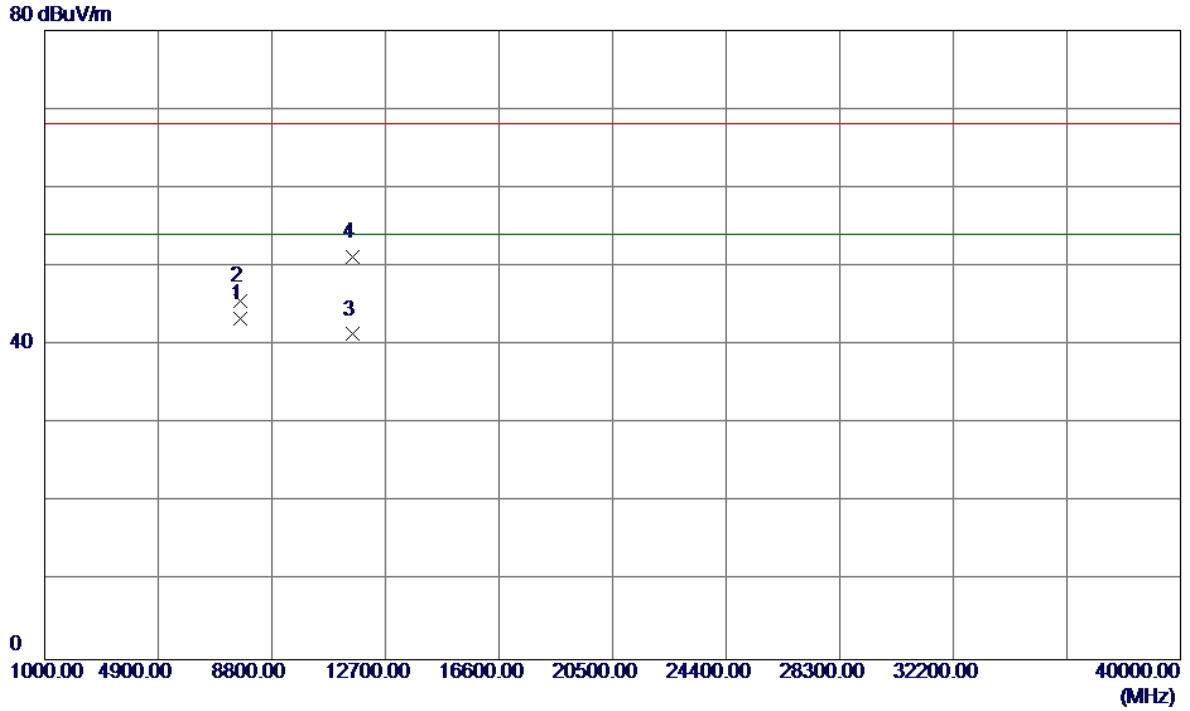
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5785.6000	55.13	42.80	97.93	122.20	-24.27	AVG	
2 *	5806.2000	64.32	42.87	107.19	122.20	-15.01	Peak	
3	5850.0000	10.93	43.03	53.96	122.20	-68.24	Peak	
4	5850.0000	4.37	43.03	47.40	122.20	-74.80	AVG	
5	5860.0000	11.39	43.06	54.45	109.40	-54.95	Peak	
6	5860.0000	2.26	43.06	45.32	109.40	-64.08	AVG	

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

Horizontal

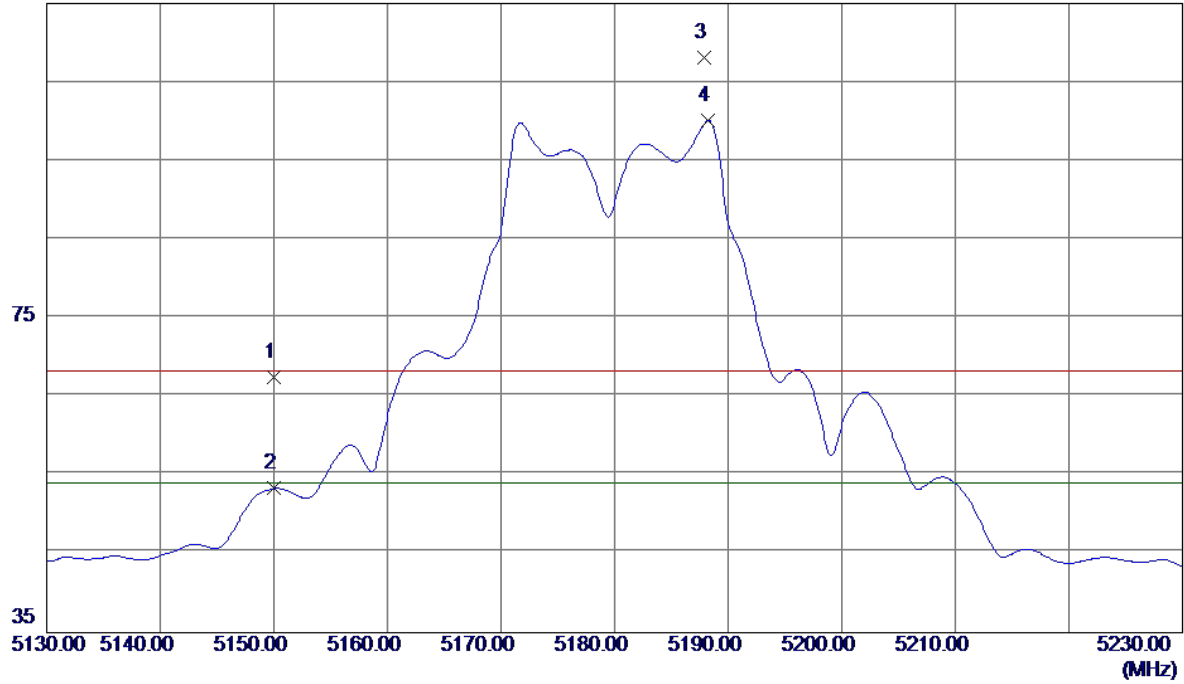


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7726.2980	31.62	11.74	43.36	54.00	-10.64	AVG	
2	7726.4230	33.87	11.74	45.61	68.20	-22.59	Peak	
3	11590.7500	25.88	15.48	41.36	54.00	-12.64	AVG	
4	11590.0000	35.70	15.48	51.18	68.20	-17.02	Peak	

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

Vertical

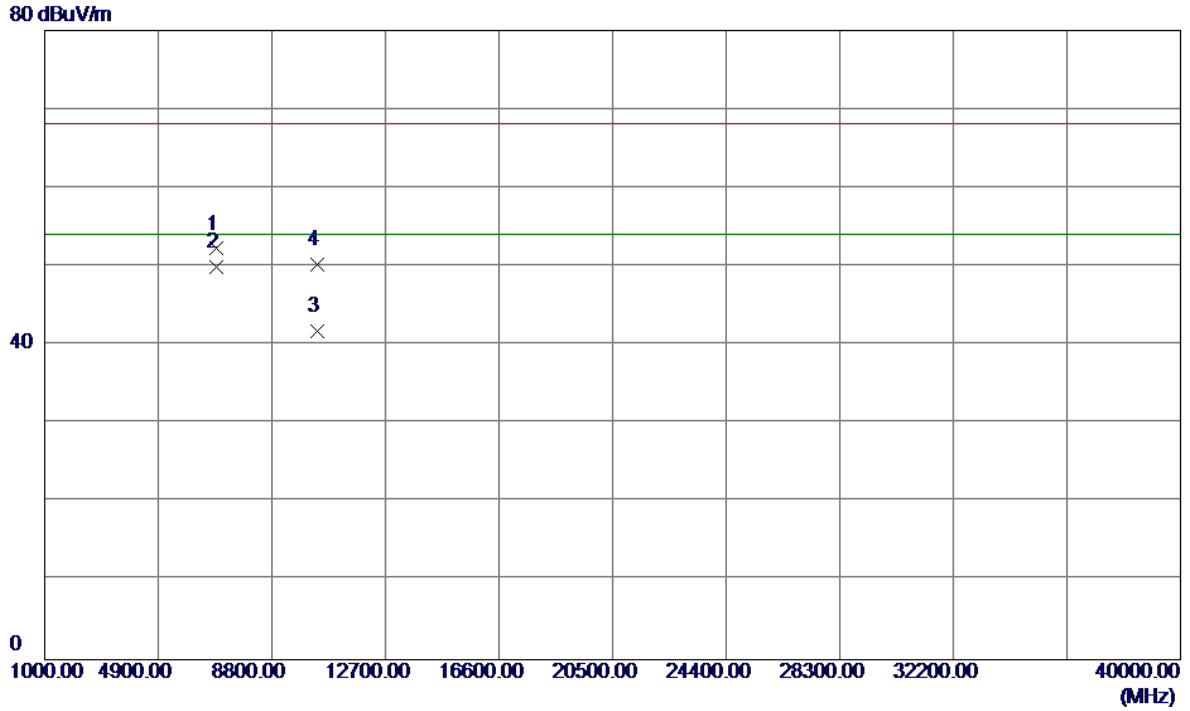
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	26.79	40.62	67.41	68.20	-0.79	Peak	
2	5150.0000	12.72	40.62	53.34	54.00	-0.66	AVG	
3	5187.9000	67.31	40.75	108.06	68.20	39.86	Peak	No Limit
4 *	5188.2500	59.42	40.75	100.17	54.00	46.17	AVG	No Limit

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

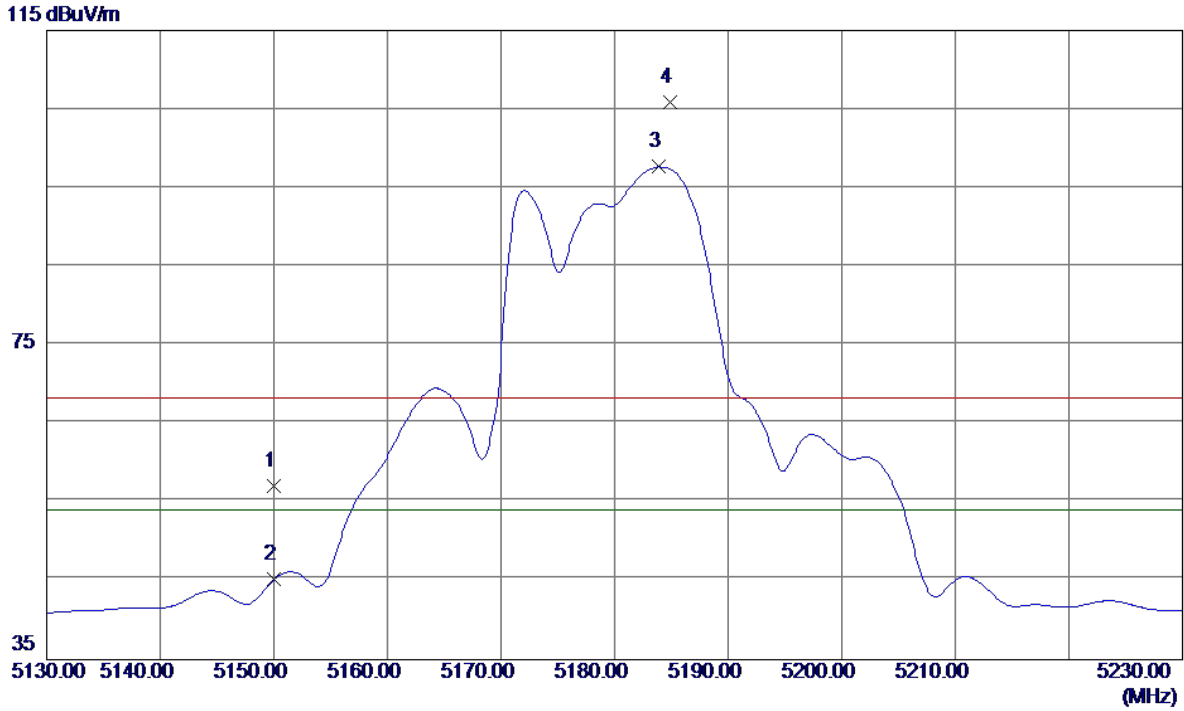
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6906.5460	41.46	10.78	52.24	68.20	-15.96	Peak	
2 *	6906.6440	39.19	10.78	49.97	54.00	-4.03	AVG	
3	10352.7000	26.83	14.95	41.78	54.00	-12.22	AVG	
4	10353.6000	35.26	14.95	50.21	68.20	-17.99	Peak	

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

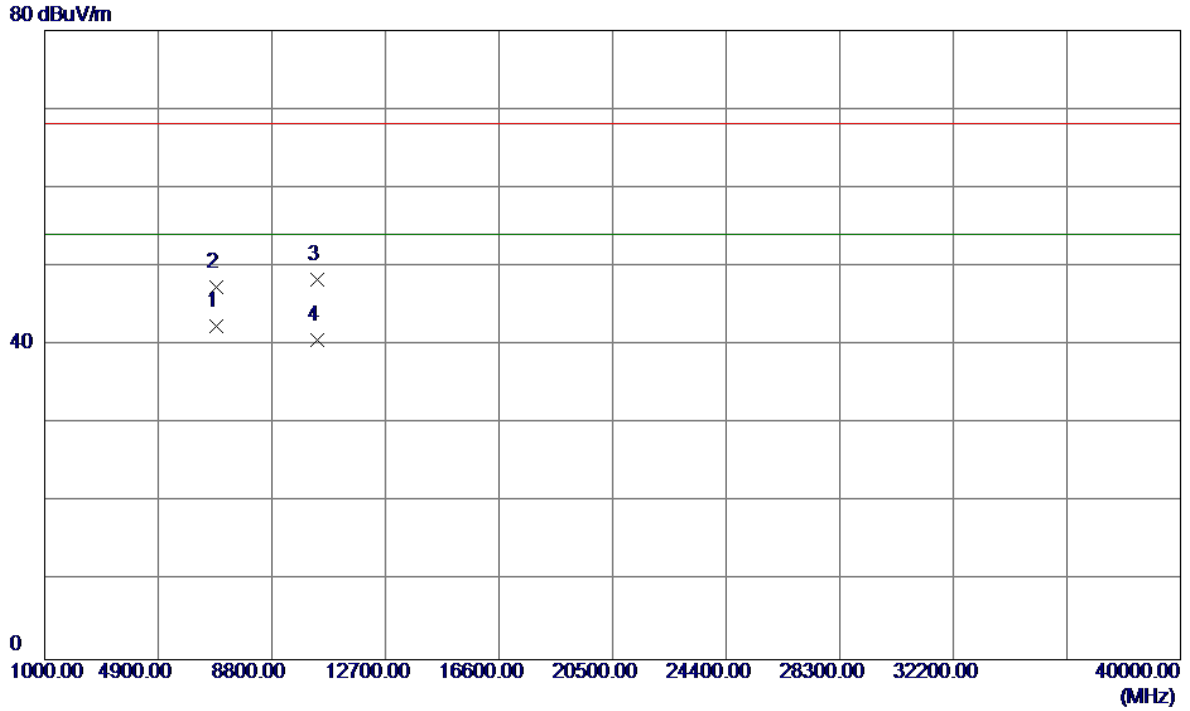
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	16.46	40.62	57.08	68.20	-11.12	Peak	
2	5150.0000	4.58	40.62	45.20	54.00	-8.80	AVG	
3 *	5183.8500	56.92	40.74	97.66	54.00	43.66	AVG	No Limit
4	5184.8500	65.07	40.74	105.81	68.20	37.61	Peak	No Limit

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

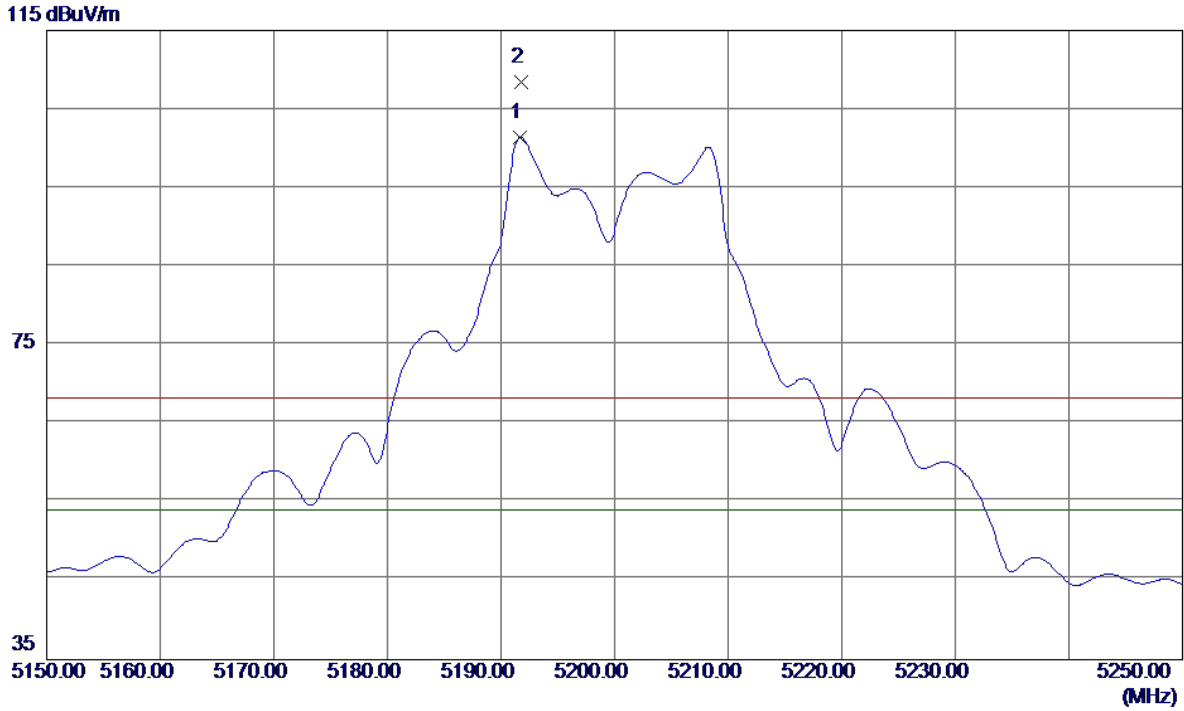
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin 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 5200MHz

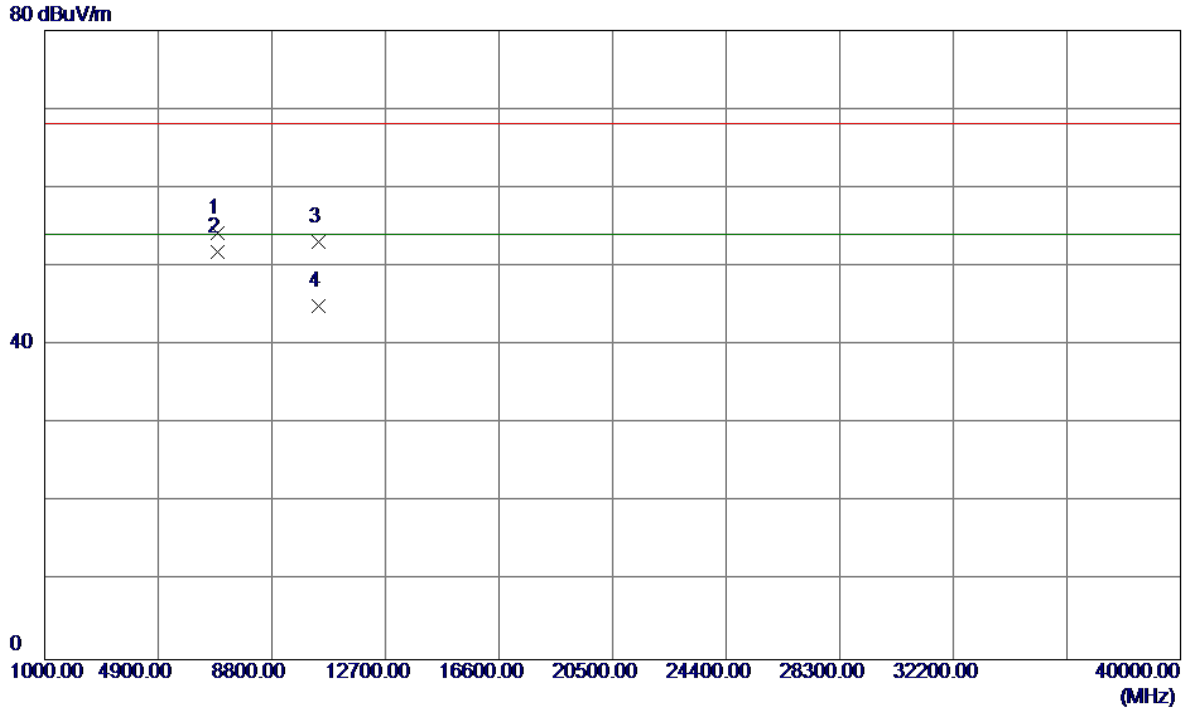
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5191.7000	60.69	40.76	101.45	54.00	47.45	AVG	No Limit
2	5191.8000	67.72	40.76	108.48	68.20	40.28	Peak	No Limit

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

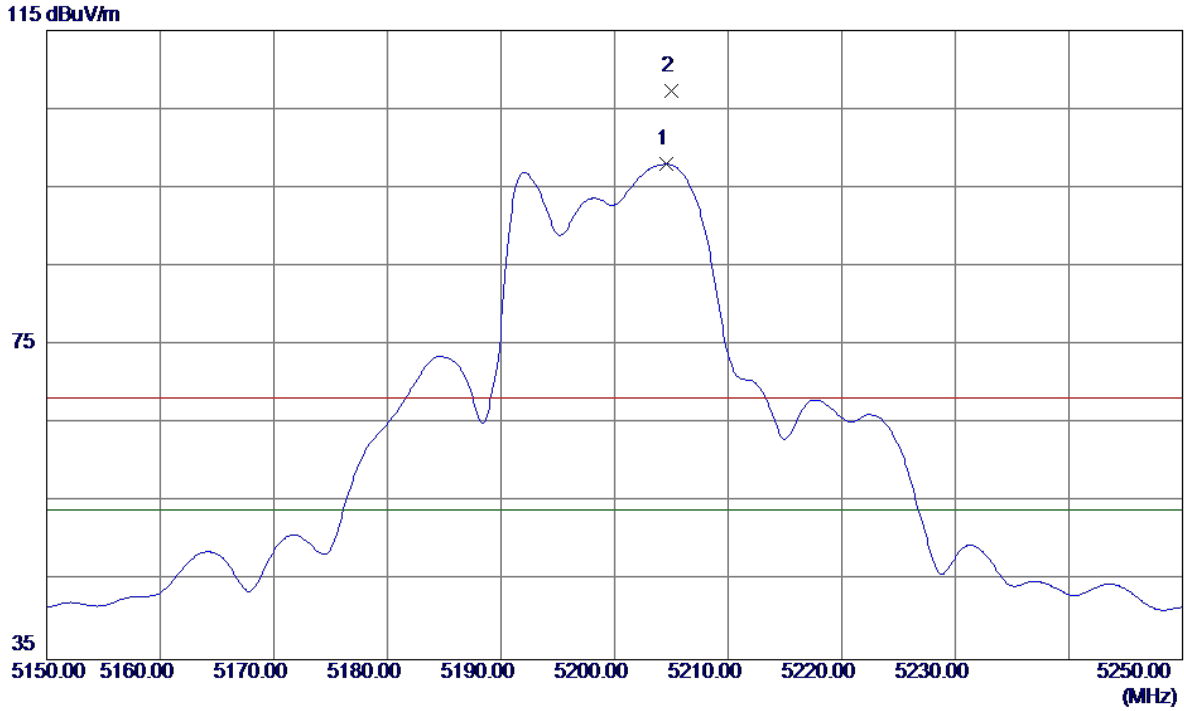
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6933.2010	43.48	10.77	54.25	68.20	-13.95	Peak	
2 *	6933.2690	41.10	10.77	51.87	54.00	-2.13	AVG	
3	10392.7000	38.14	15.04	53.18	68.20	-15.02	Peak	
4	10394.1000	29.89	15.04	44.93	54.00	-9.07	AVG	

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

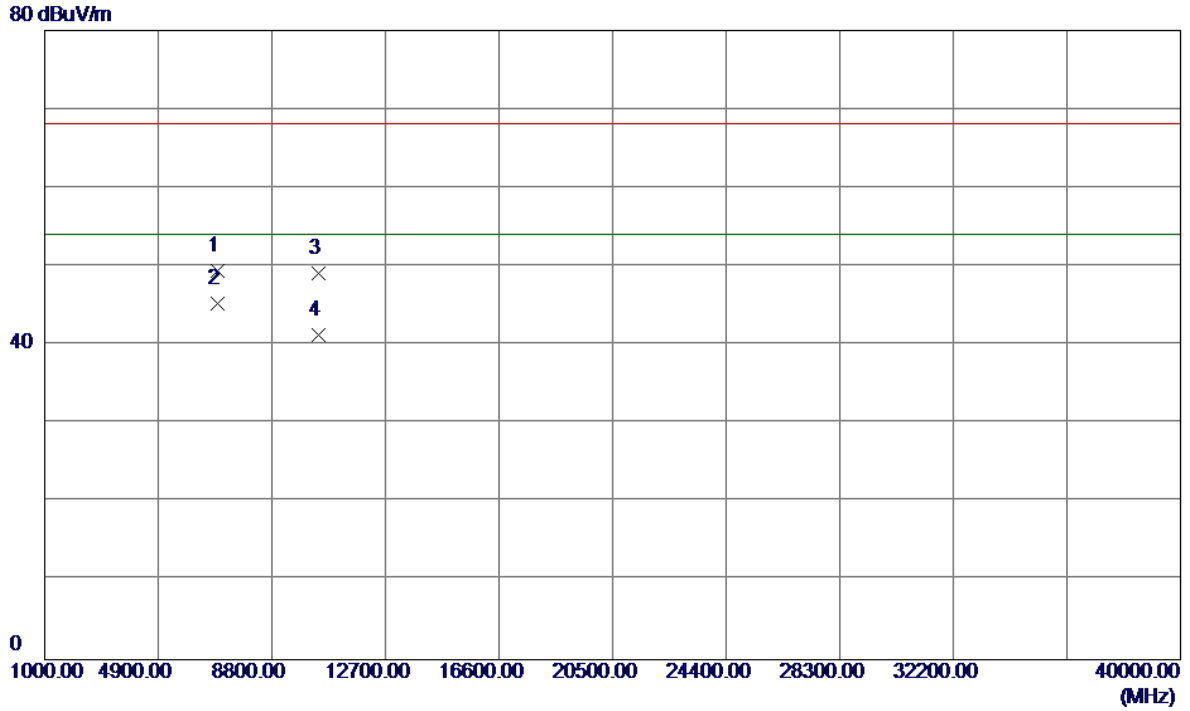
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5204.6000	57.21	40.81	98.02	54.00	44.02	AVG	No Limit
2	5205.0500	66.51	40.81	107.32	68.20	39.12	Peak	No Limit

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

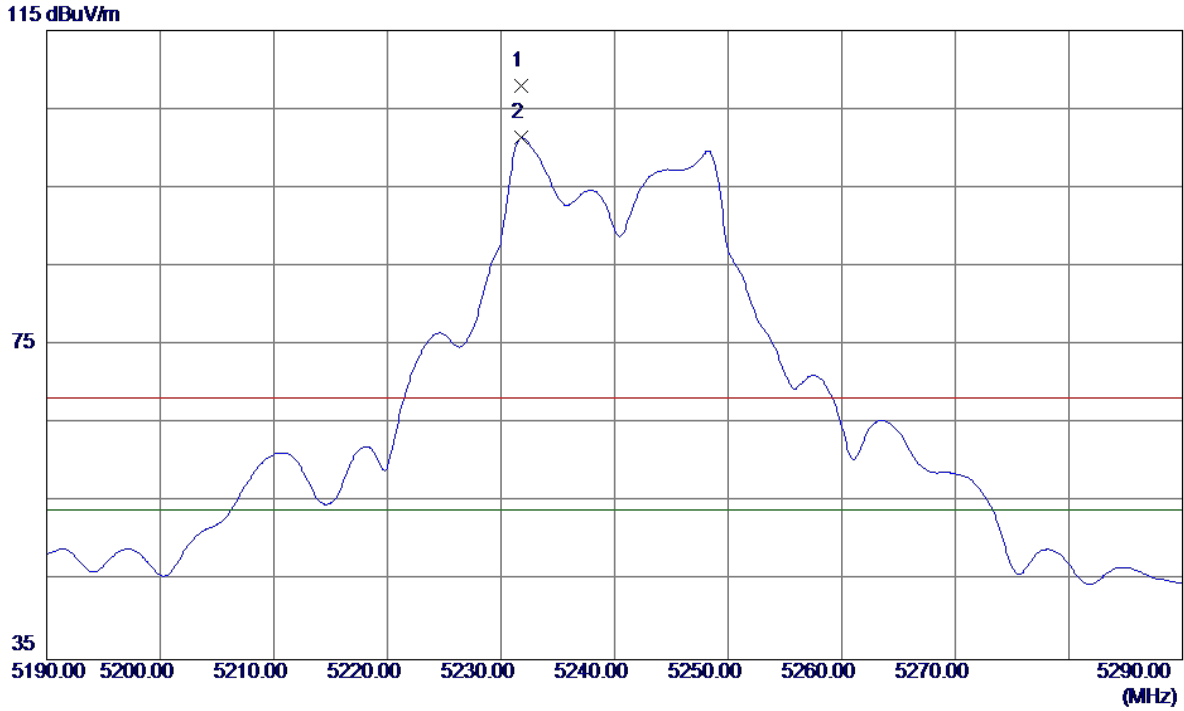
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6933.2500	38.68	10.77	49.45	68.20	-18.75	Peak	
2 *	6933.3070	34.56	10.77	45.33	54.00	-8.67	AVG	
3	10400.0000	34.01	15.06	49.07	68.20	-19.13	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 5240MHz

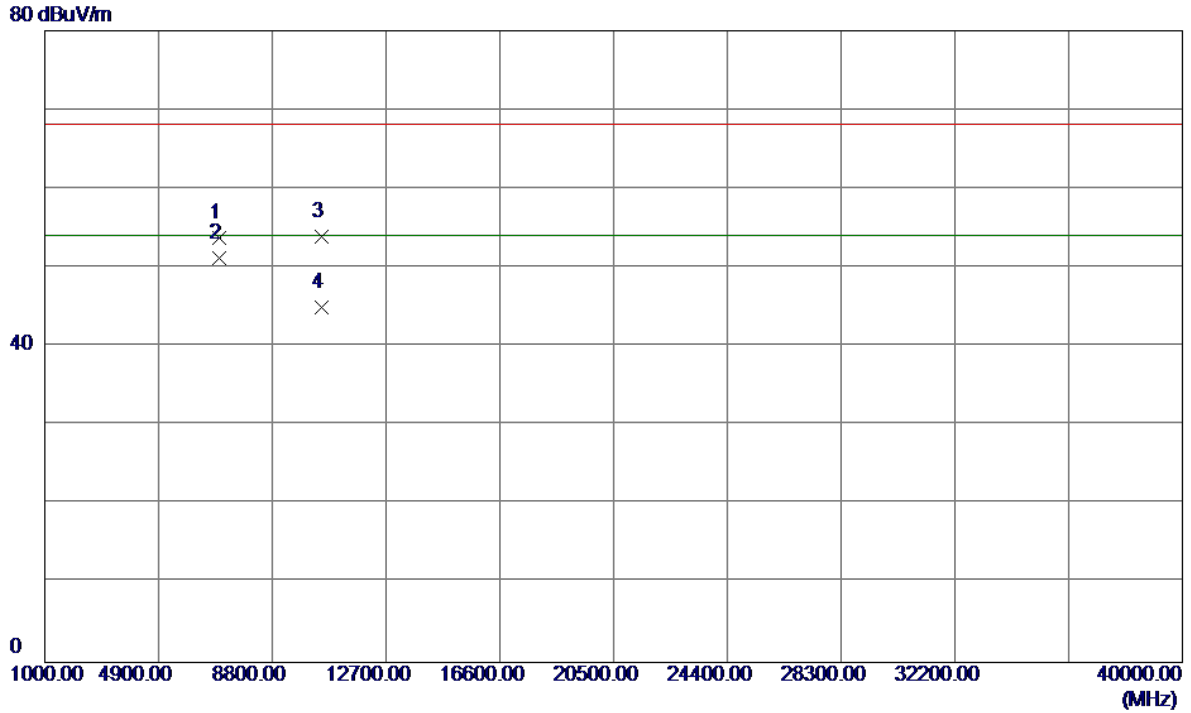
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5231.7500	67.00	40.89	107.89	68.20	39.69	Peak	No Limit
2 *	5231.8000	60.45	40.89	101.34	54.00	47.34	AVG	No Limit

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

Vertical

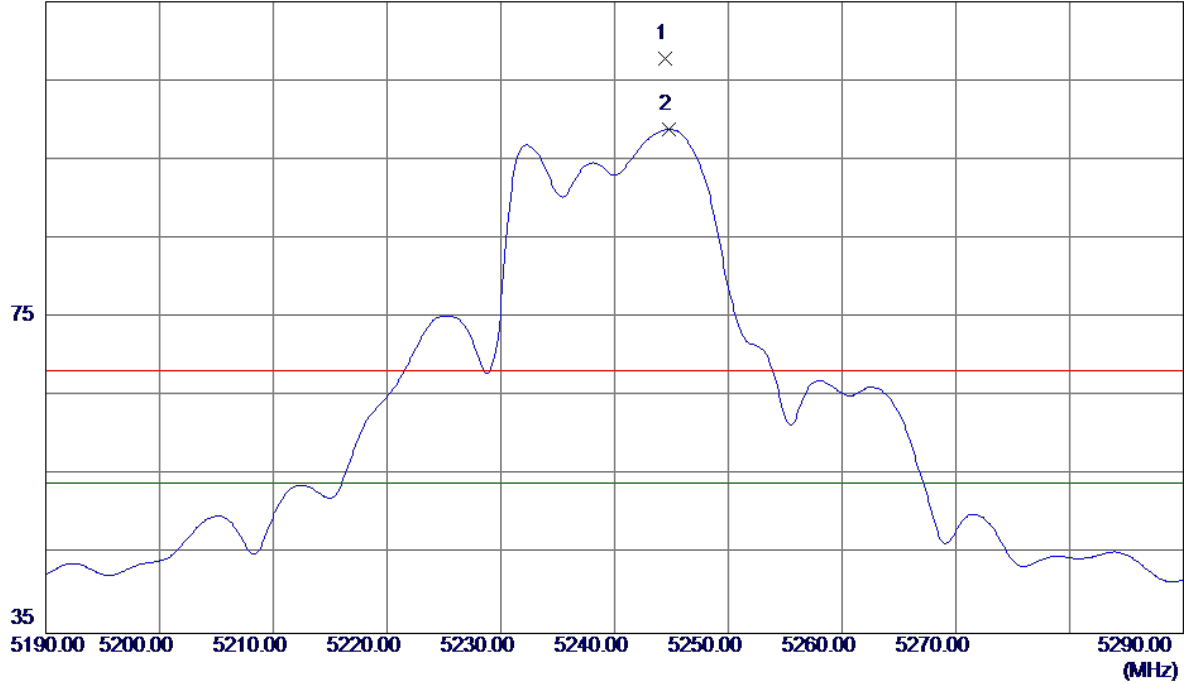


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6986.6160	43.05	10.75	53.80	68.20	-14.40	Peak	
2 *	6986.6710	40.44	10.75	51.19	54.00	-2.81	AVG	
3	10473.4000	38.72	15.23	53.95	68.20	-14.25	Peak	
4	10474.7000	29.66	15.23	44.89	54.00	-9.11	AVG	

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

Horizontal

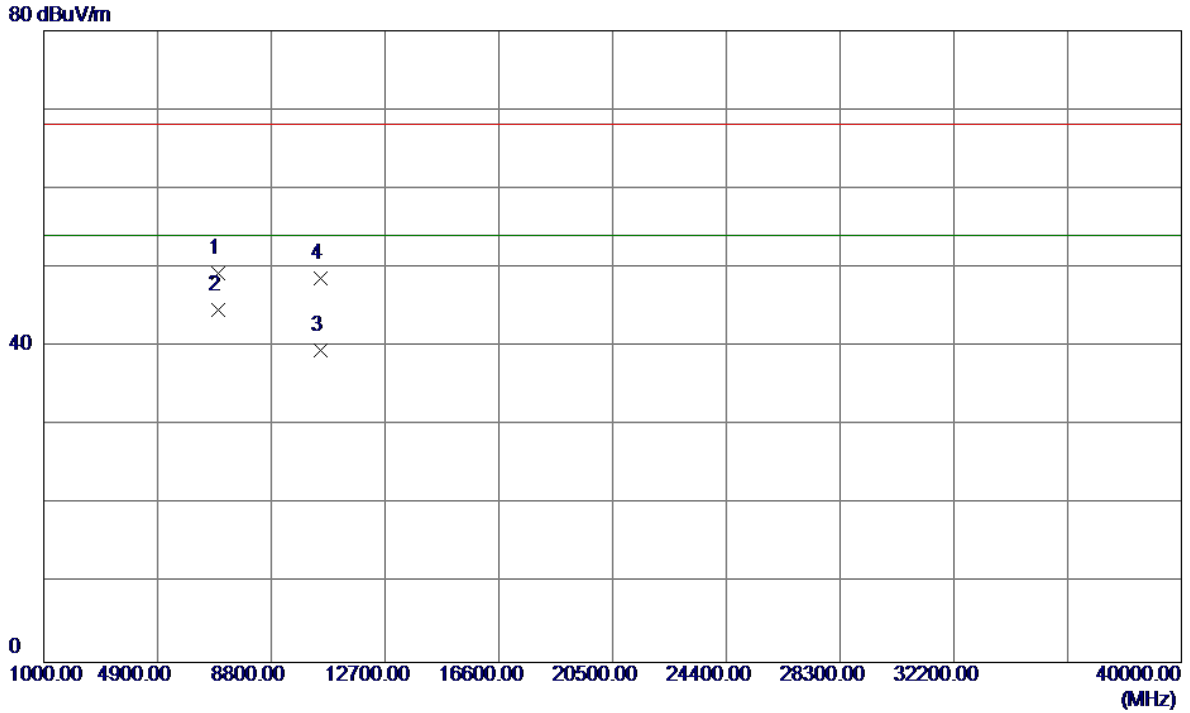
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5244.4000	66.79	40.94	107.73	68.20	39.53	Peak	No Limit
2 *	5244.7500	57.92	40.94	98.86	54.00	44.86	AVG	No Limit

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

Horizontal

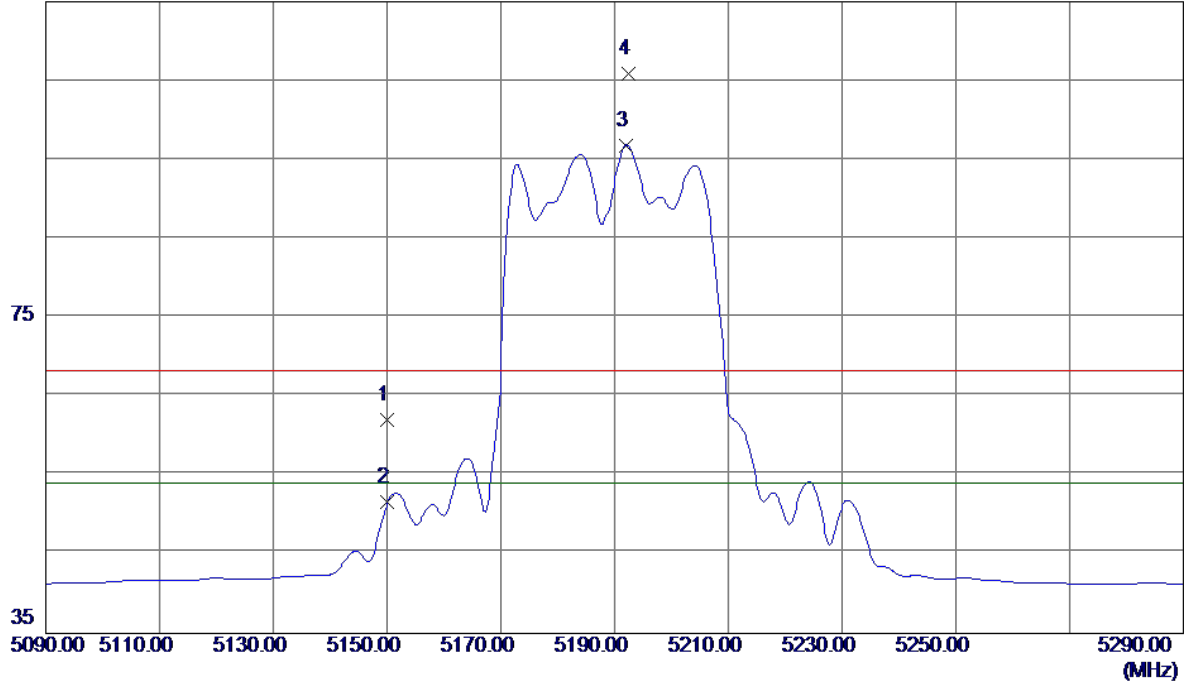


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6986.6400	38.52	10.75	49.27	68.20	-18.93	Peak	
2 *	6986.6480	33.83	10.75	44.58	54.00	-9.42	AVG	
3	10479.9000	24.22	15.24	39.46	54.00	-14.54	AVG	
4	10480.1000	33.35	15.24	48.59	68.20	-19.61	Peak	

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

Vertical

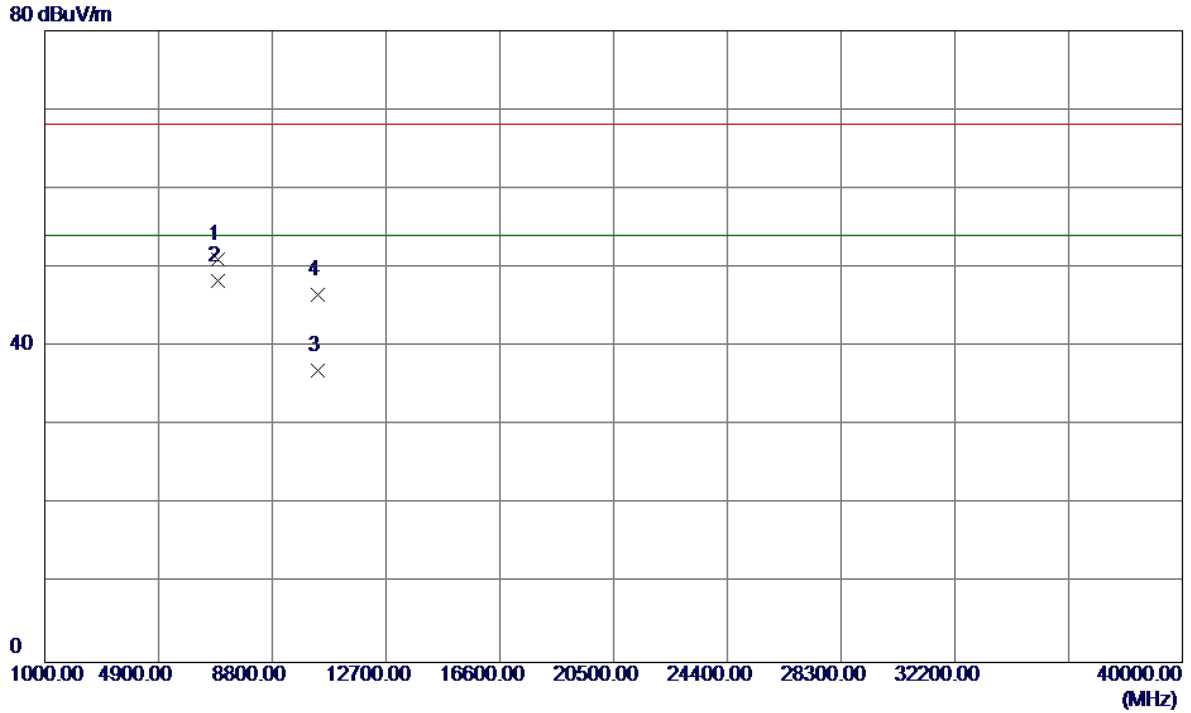
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	21.47	40.62	62.09	68.20	-6.11	Peak	
2	5150.0000	11.01	40.62	51.63	54.00	-2.37	AVG	
3 *	5192.0000	56.08	40.76	96.84	54.00	42.84	AVG	No Limit
4	5192.5000	65.16	40.77	105.93	68.20	37.73	Peak	No Limit

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

Vertical

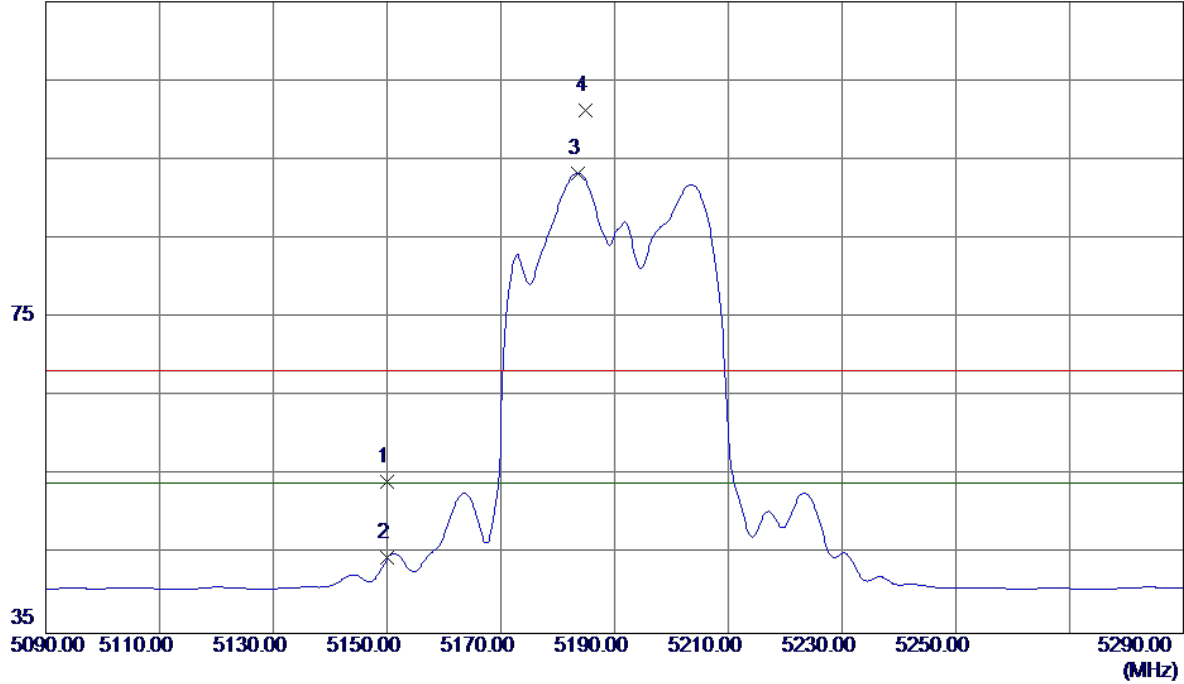


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6919.9340	40.33	10.77	51.10	68.20	-17.10	Peak	
2 *	6919.9820	37.48	10.77	48.25	54.00	-5.75	AVG	
3	10379.9600	21.95	15.01	36.96	54.00	-17.04	AVG	
4	10380.1800	31.54	15.01	46.55	68.20	-21.65	Peak	

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

Horizontal

115 dBuV/m

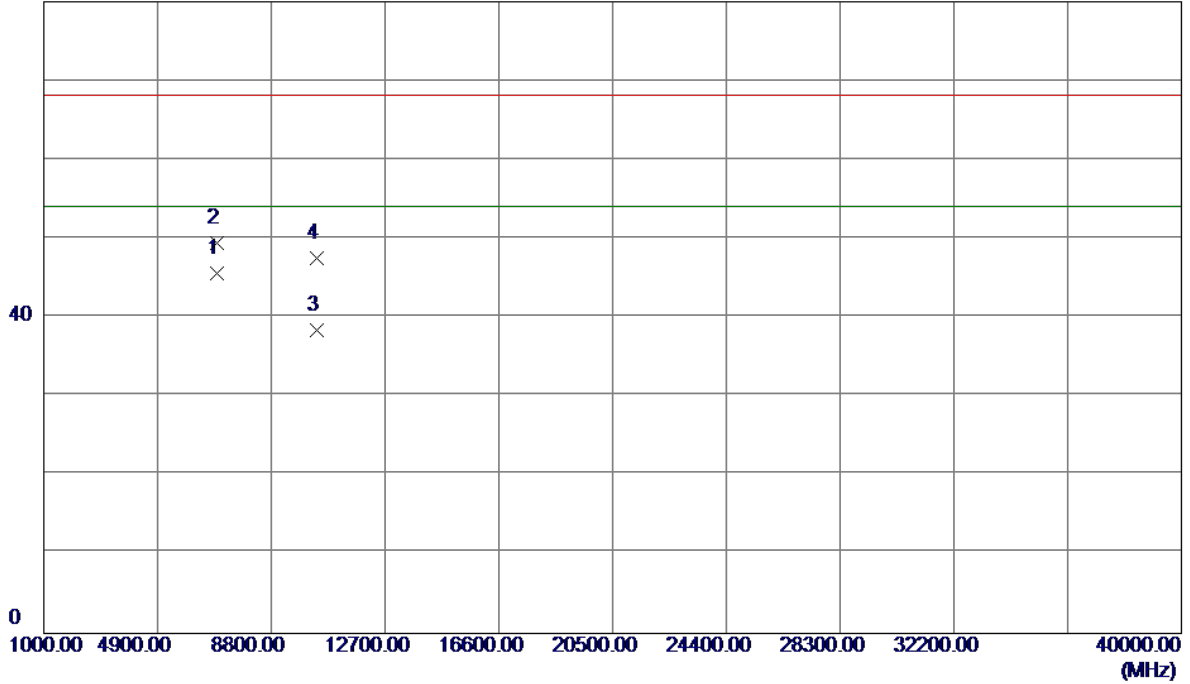


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	13.54	40.62	54.16	68.20	-14.04	Peak	
2	5150.0000	3.93	40.62	44.55	54.00	-9.45	AVG	
3 *	5183.5000	52.57	40.74	93.31	54.00	39.31	AVG	No Limit
4	5184.9000	60.53	40.74	101.27	68.20	33.07	Peak	No Limit

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

Horizontal

80 dBuV/m

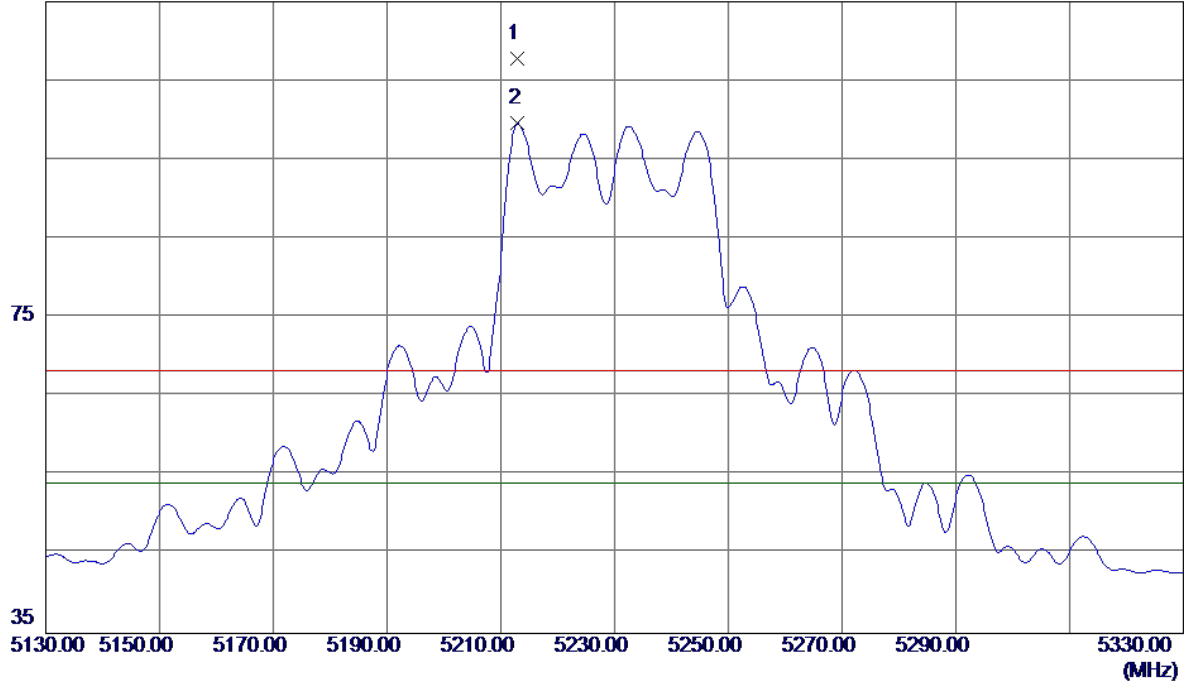


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6919.9400	34.82	10.77	45.59	54.00	-8.41	AVG	
2	6920.0950	38.74	10.77	49.51	68.20	-18.69	Peak	
3	10379.0000	23.44	15.01	38.45	54.00	-15.55	AVG	
4	10379.2000	32.56	15.01	47.57	68.20	-20.63	Peak	

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

Vertical

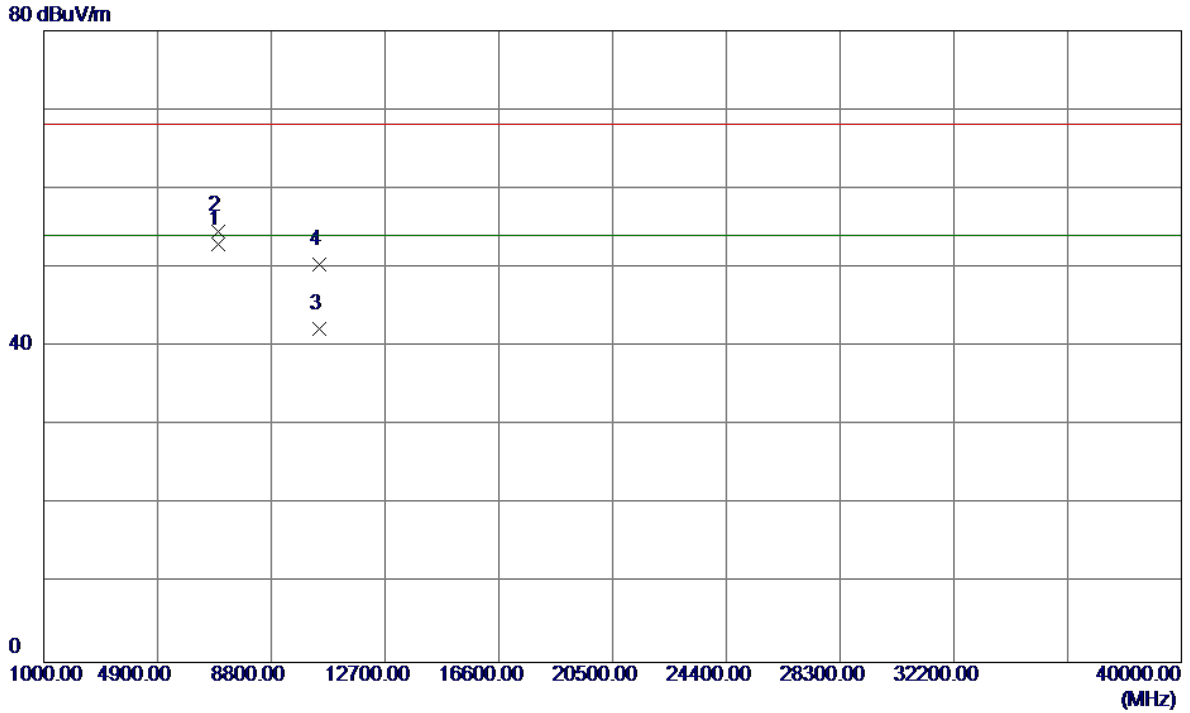
115 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5212.9000	66.98	40.83	107.81	68.20	39.61	Peak	No Limit
2 *	5213.0000	58.74	40.83	99.57	54.00	45.57	AVG	No Limit

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

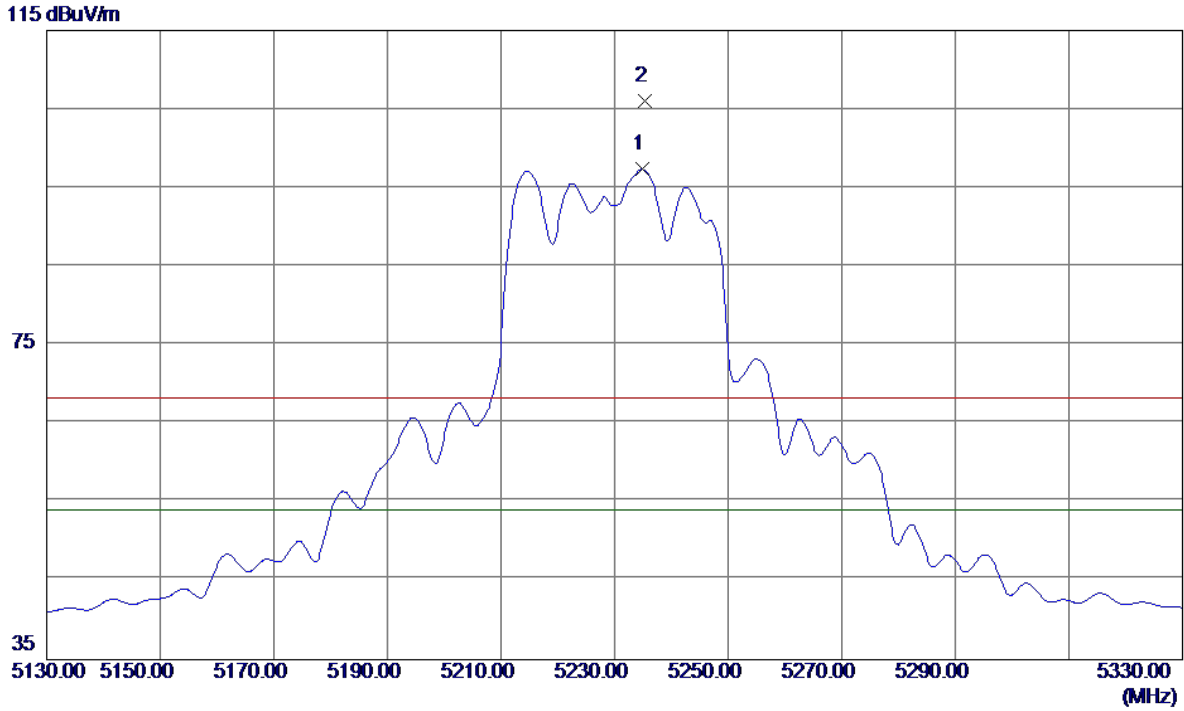
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6973.2970	42.17	10.76	52.93	54.00	-1.07	AVG	
2	6973.3500	43.88	10.76	54.64	68.20	-13.56	Peak	
3	10459.8600	27.05	15.20	42.25	54.00	-11.75	AVG	
4	10460.3600	35.16	15.20	50.36	68.20	-17.84	Peak	

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

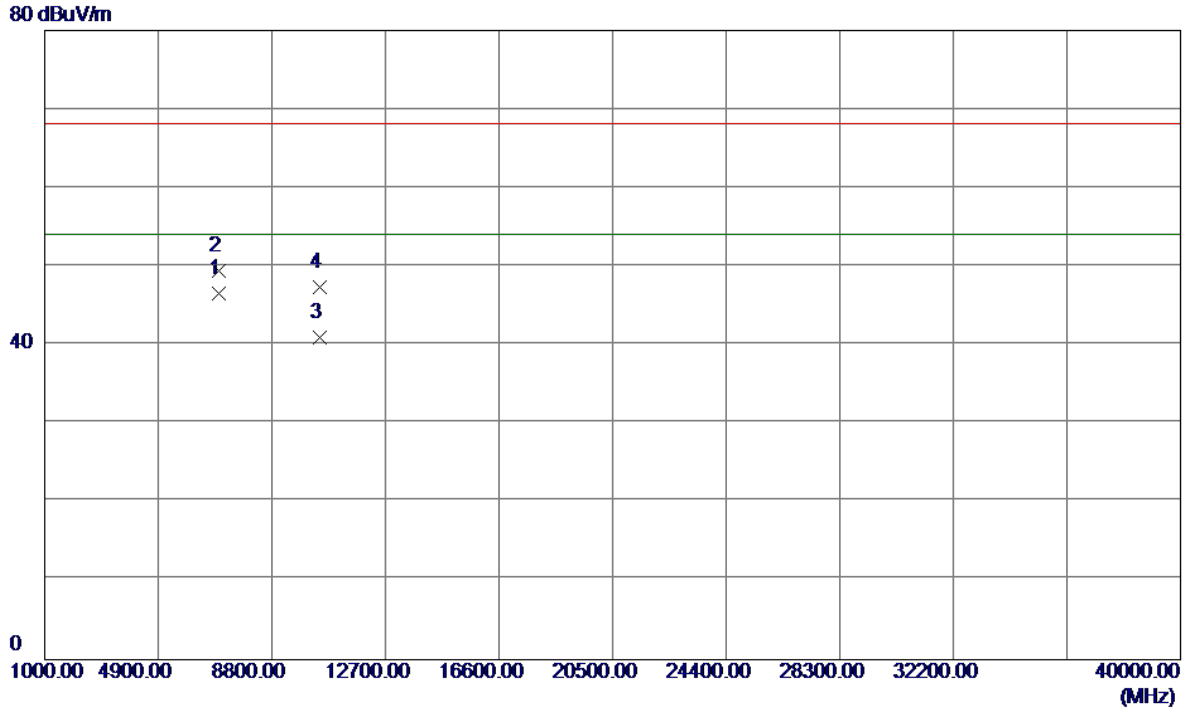
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5234.9000	56.43	40.91	97.34	54.00	43.34	AVG	No Limit
2	5235.3000	65.15	40.91	106.06	68.20	37.86	Peak	No Limit

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

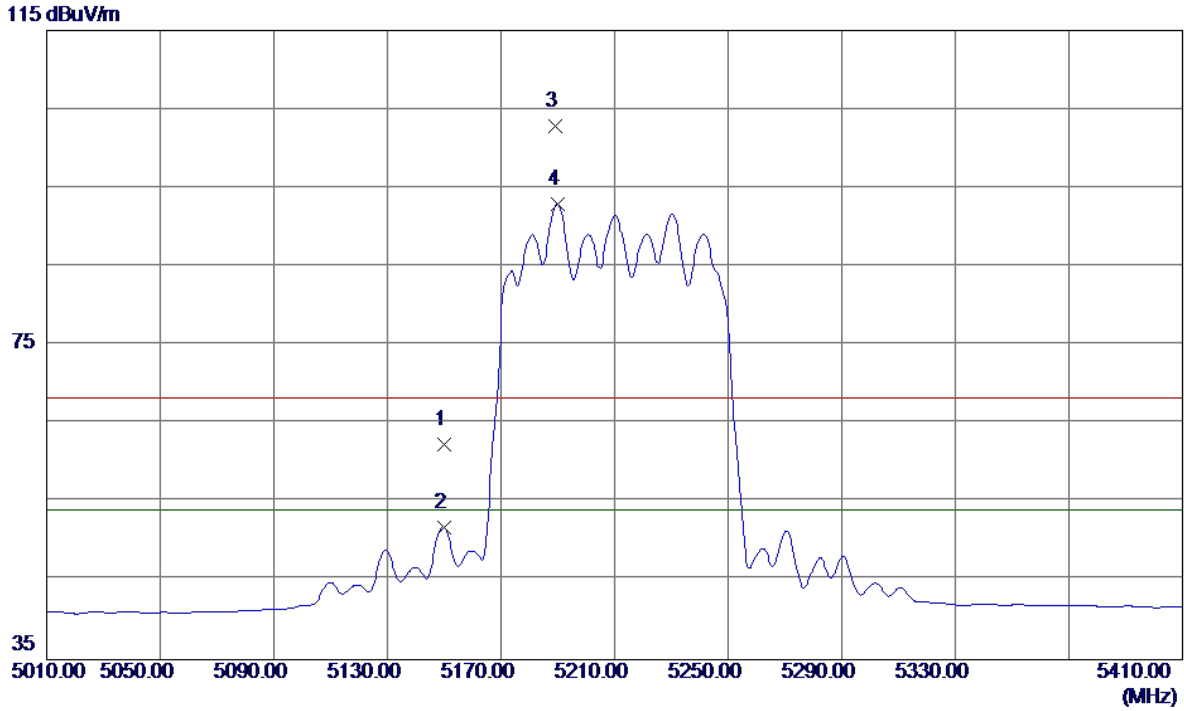
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6973.2750	35.80	10.76	46.56	54.00	-7.44	AVG	
2	6973.3100	38.68	10.76	49.44	68.20	-18.76	Peak	
3	10452.4000	25.81	15.18	40.99	54.00	-13.01	AVG	
4	10458.1000	32.12	15.19	47.31	68.20	-20.89	Peak	

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

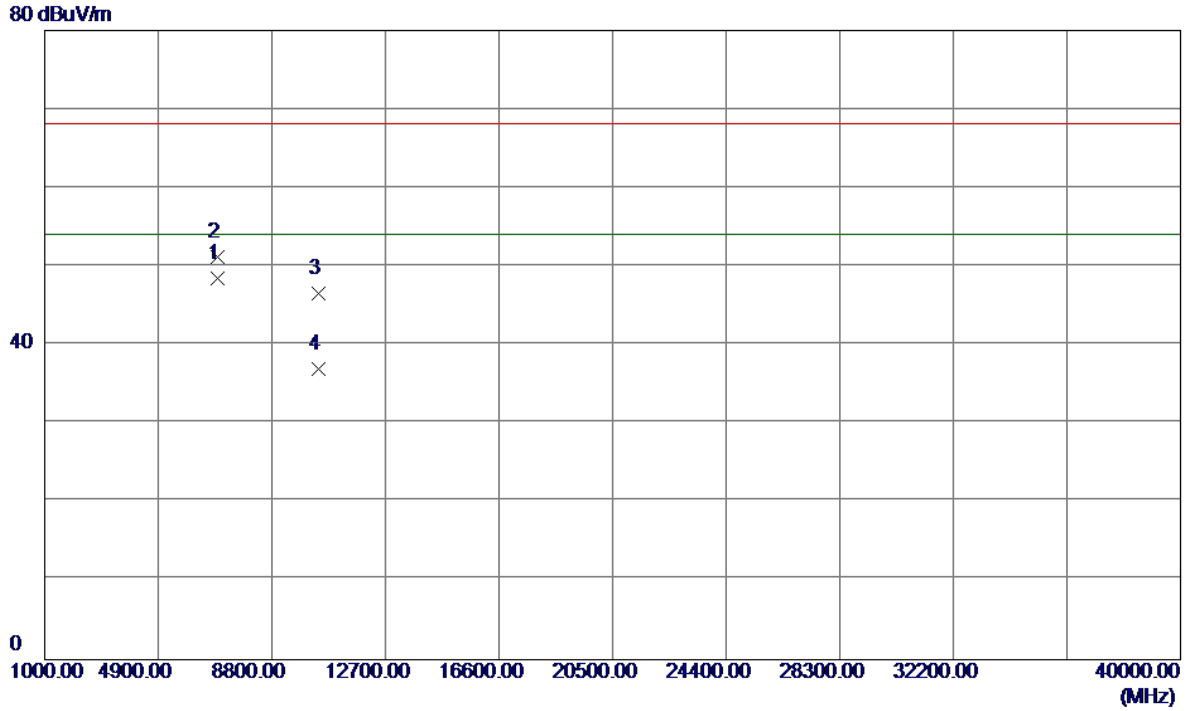
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	21.78	40.62	62.40	68.20	-5.80	Peak	
2	5150.0000	11.23	40.62	51.85	54.00	-2.15	AVG	
3	5189.2000	62.10	40.75	102.85	68.20	34.65	Peak	No Limit
4 *	5189.8000	52.15	40.76	92.91	54.00	38.91	AVG	No Limit

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

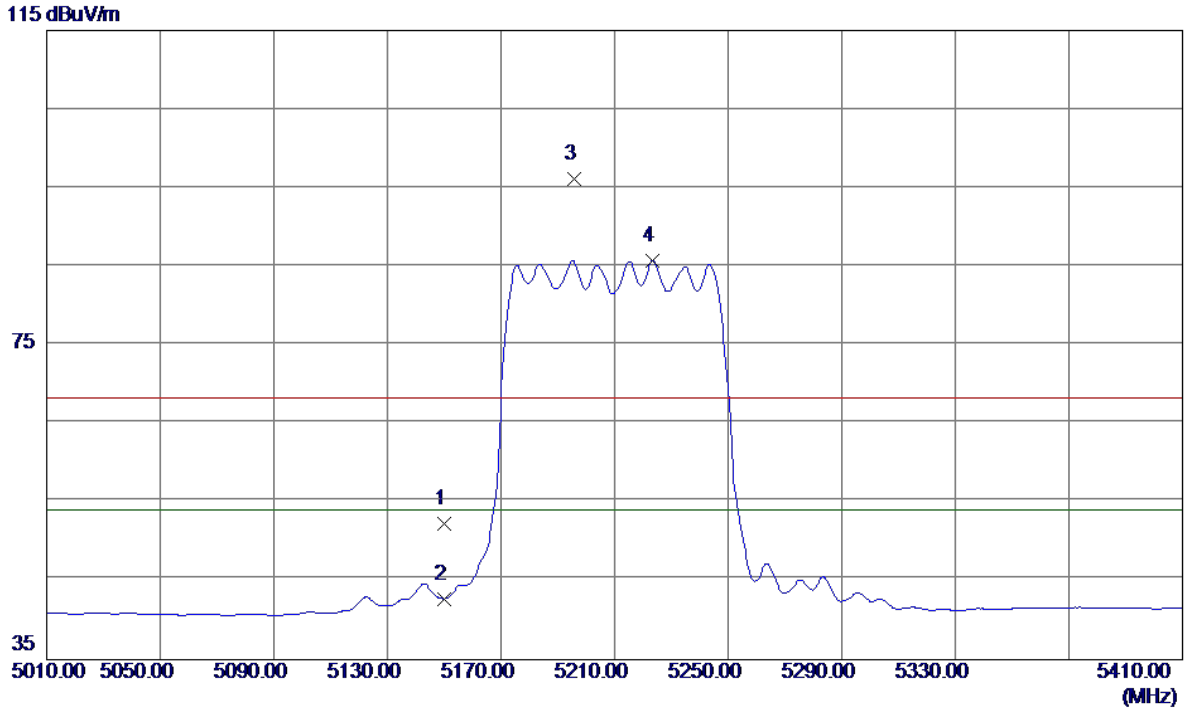
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	6946.6240	37.65	10.77	48.42	54.00	-5.58	AVG	
2	6946.7220	40.50	10.77	51.27	68.20	-16.93	Peak	
3	10419.7300	31.50	15.10	46.60	68.20	-21.60	Peak	
4	10420.1400	21.93	15.10	37.03	54.00	-16.97	AVG	

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

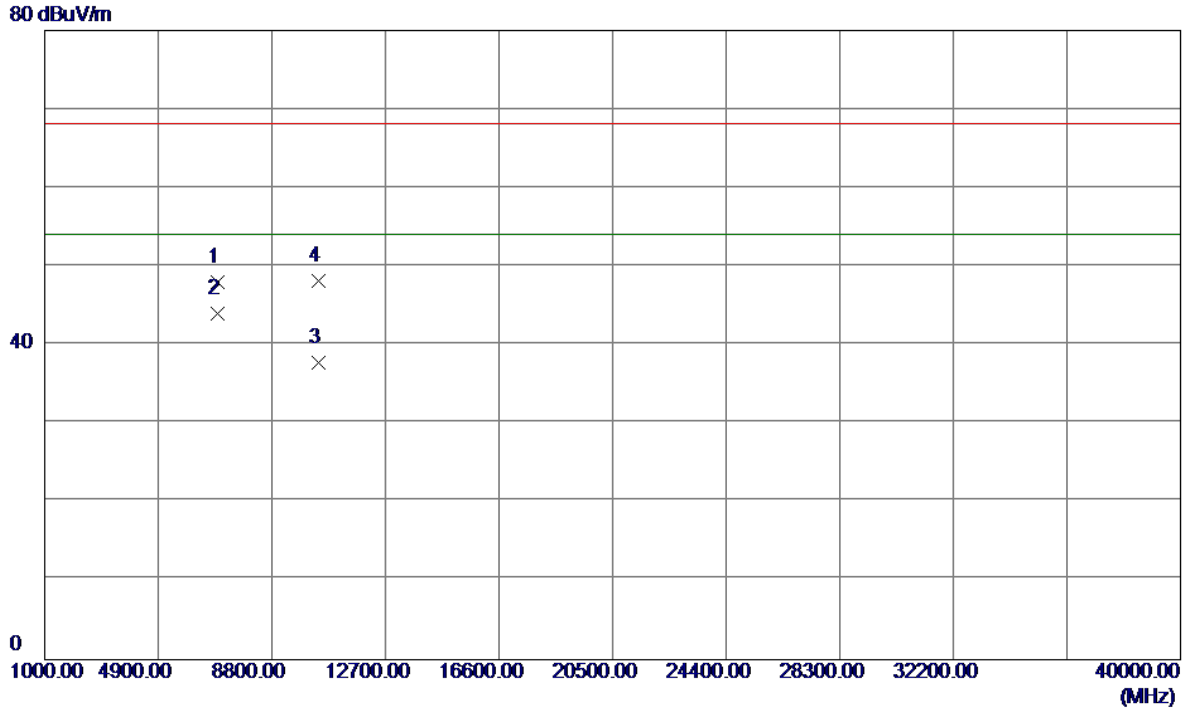
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	11.69	40.62	52.31	68.20	-15.89	Peak	
2	5150.0000	2.14	40.62	42.76	54.00	-11.24	AVG	
3	5195.8000	55.30	40.78	96.08	68.20	27.88	Peak	No Limit
4 *	5223.4000	44.90	40.87	85.77	54.00	31.77	AVG	No Limit

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

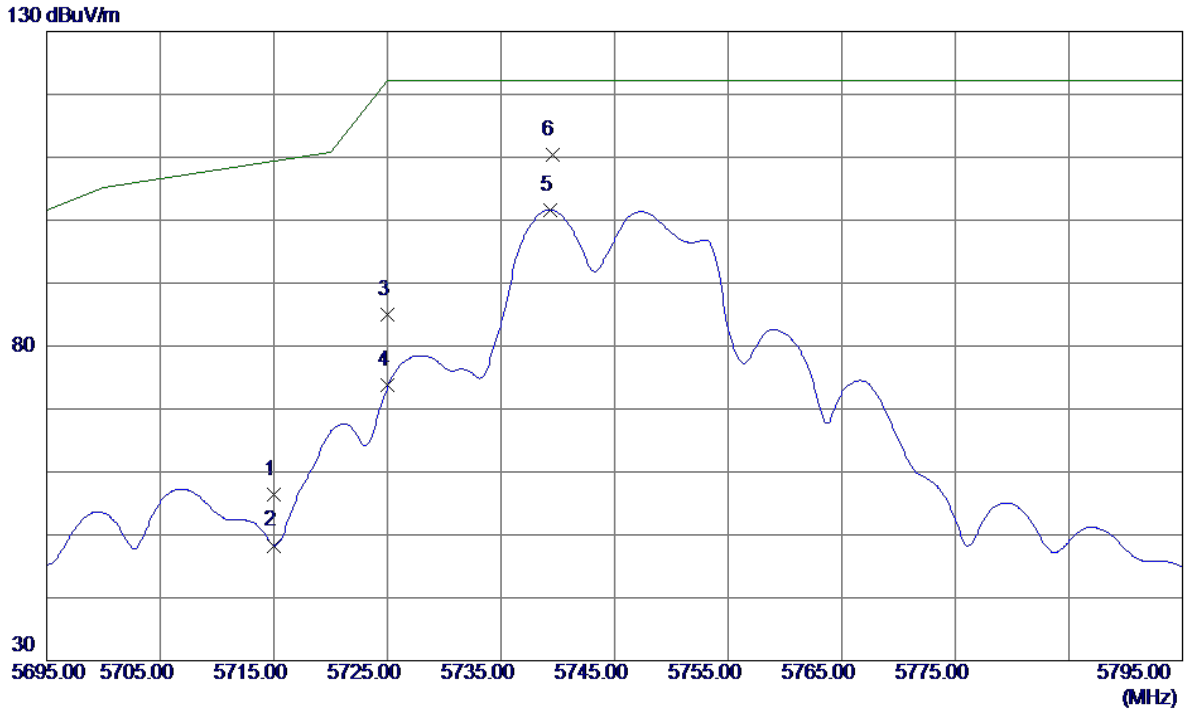
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6946.5800	37.26	10.77	48.03	68.20	-20.17	Peak	
2 *	6946.6100	33.16	10.77	43.93	54.00	-10.07	AVG	
3	10419.8000	22.72	15.10	37.82	54.00	-16.18	AVG	
4	10420.2500	33.09	15.10	48.19	68.20	-20.01	Peak	

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

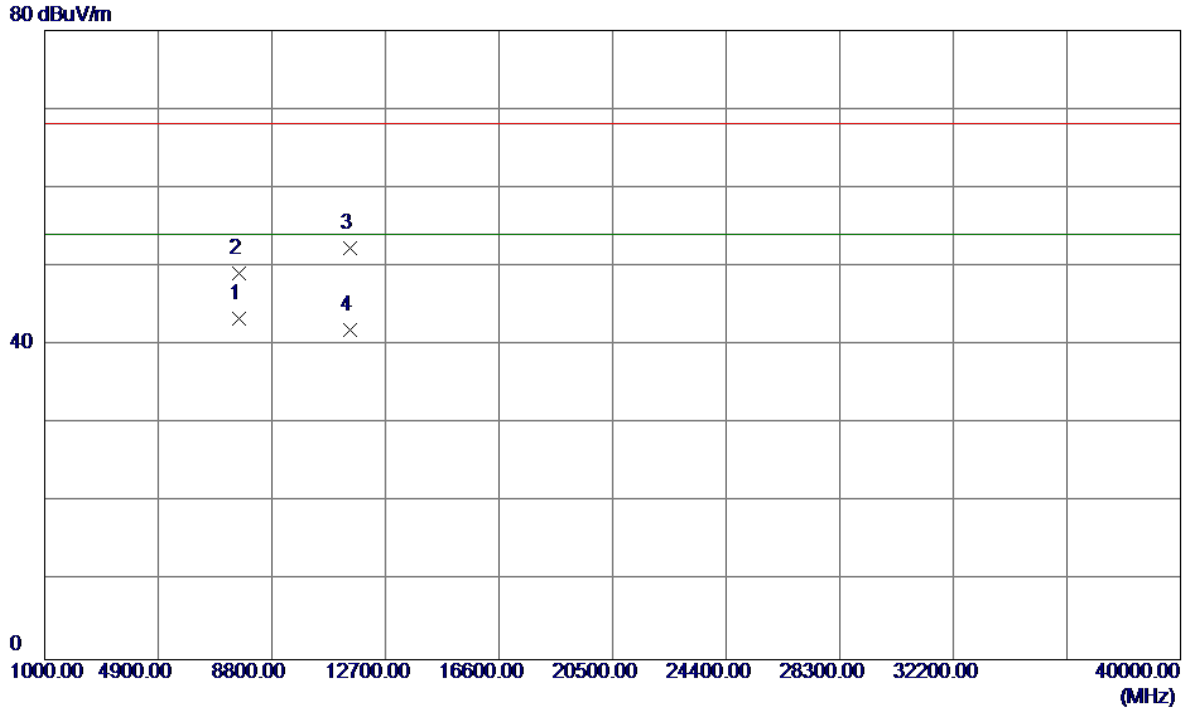
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	13.89	42.55	56.44	109.40	-52.96	Peak	
2	5715.0000	5.75	42.55	48.30	109.40	-61.10	AVG	
3	5725.0000	42.51	42.58	85.09	122.20	-37.11	Peak	
4	5725.0000	31.22	42.58	73.80	122.20	-48.40	AVG	
5	5739.3000	59.05	42.63	101.68	122.20	-20.52	AVG	
6 *	5739.5000	67.84	42.63	110.47	122.20	-11.73	Peak	

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

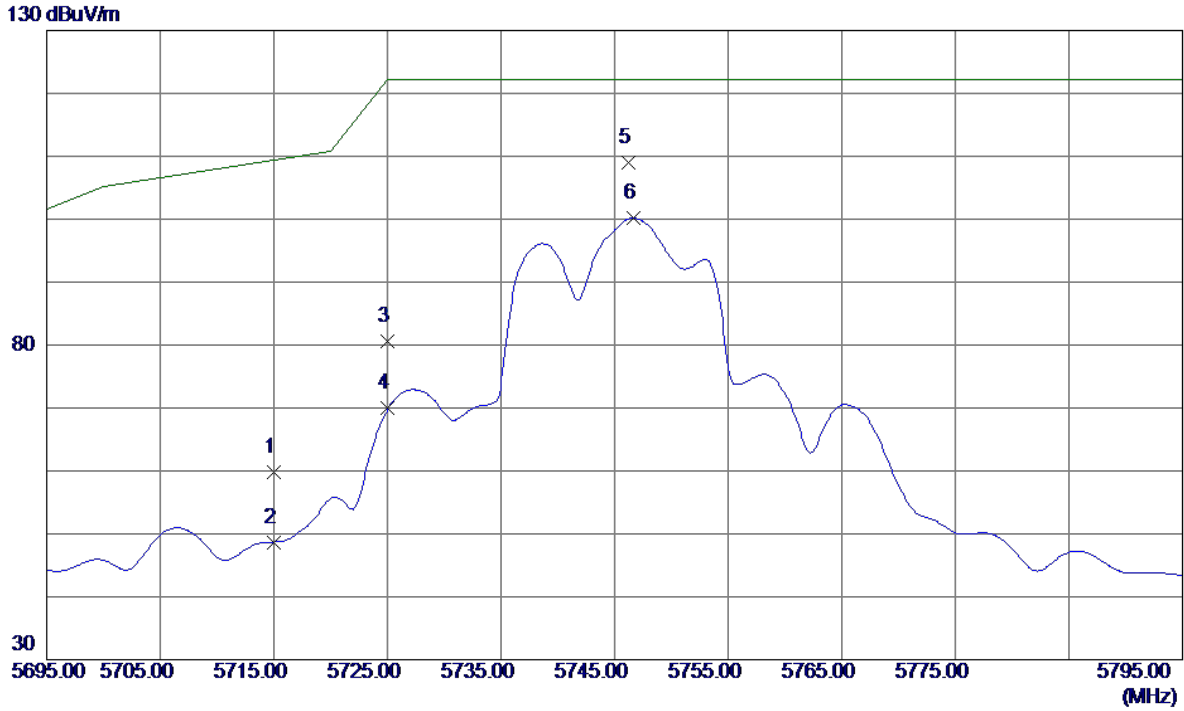
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7659.9500	31.56	11.74	43.30	54.00	-10.70	AVG	
2	7660.0650	37.40	11.74	49.14	68.20	-19.06	Peak	
3	11494.8500	36.77	15.48	52.25	68.20	-15.95	Peak	
4	11495.9500	26.49	15.48	41.97	54.00	-12.03	AVG	

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

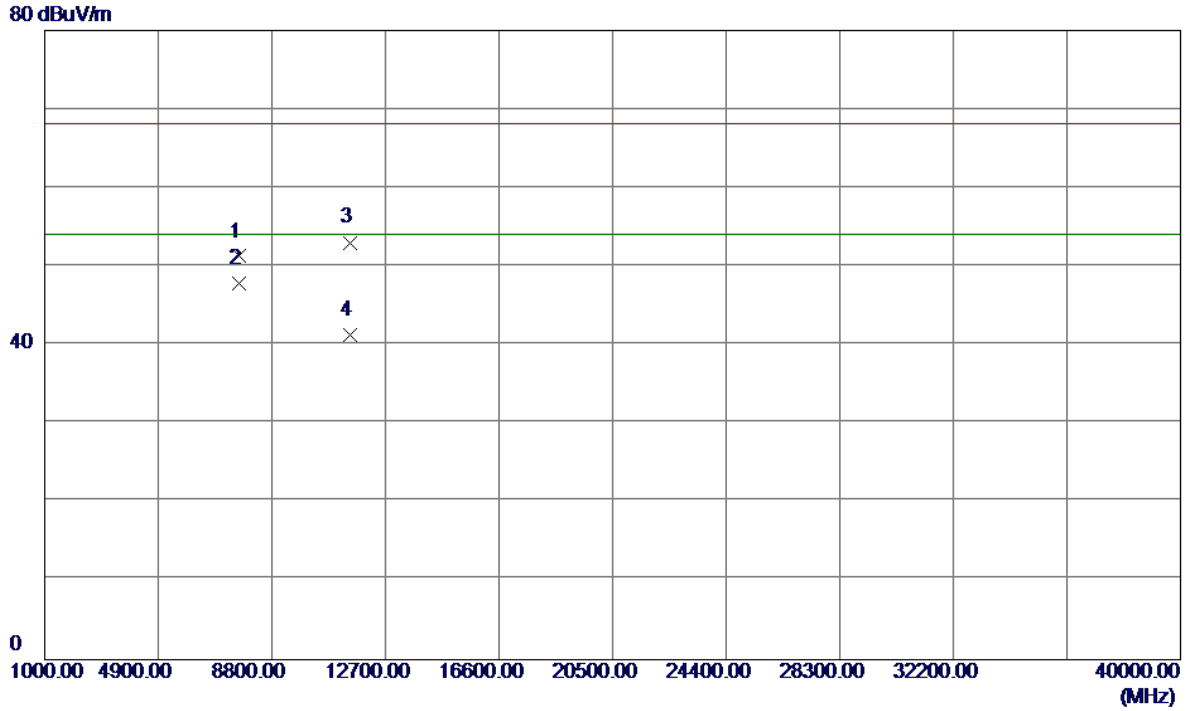
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	17.31	42.55	59.86	109.40	-49.54	Peak	
2	5715.0000	6.14	42.55	48.69	109.40	-60.71	AVG	
3	5725.0000	37.98	42.58	80.56	122.20	-41.64	Peak	
4	5725.0000	27.34	42.58	69.92	122.20	-52.28	AVG	
5 *	5746.2000	66.30	42.66	108.96	122.20	-13.24	Peak	
6	5746.7000	57.50	42.66	100.16	122.20	-22.04	AVG	

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

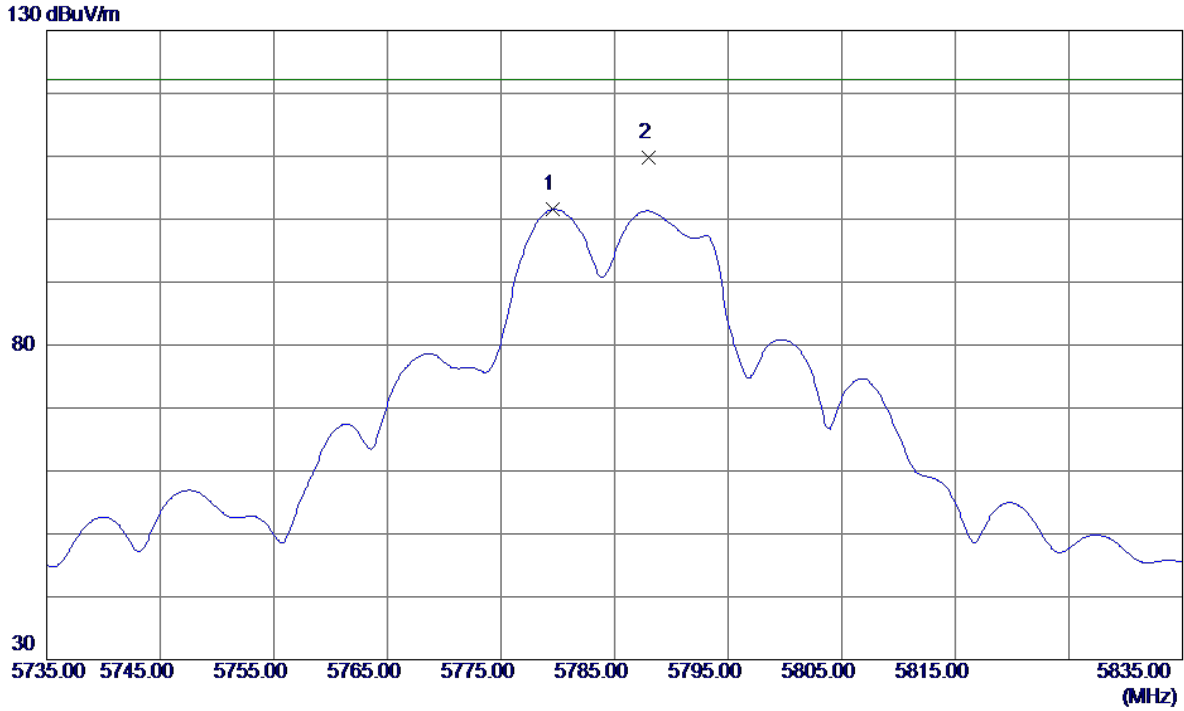
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7660.2650	39.54	11.74	51.28	68.20	-16.92	Peak	
2 *	7660.8150	36.18	11.74	47.92	54.00	-6.08	AVG	
3	11487.6200	37.55	15.49	53.04	68.20	-15.16	Peak	
4	11489.2900	25.84	15.49	41.33	54.00	-12.67	AVG	

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

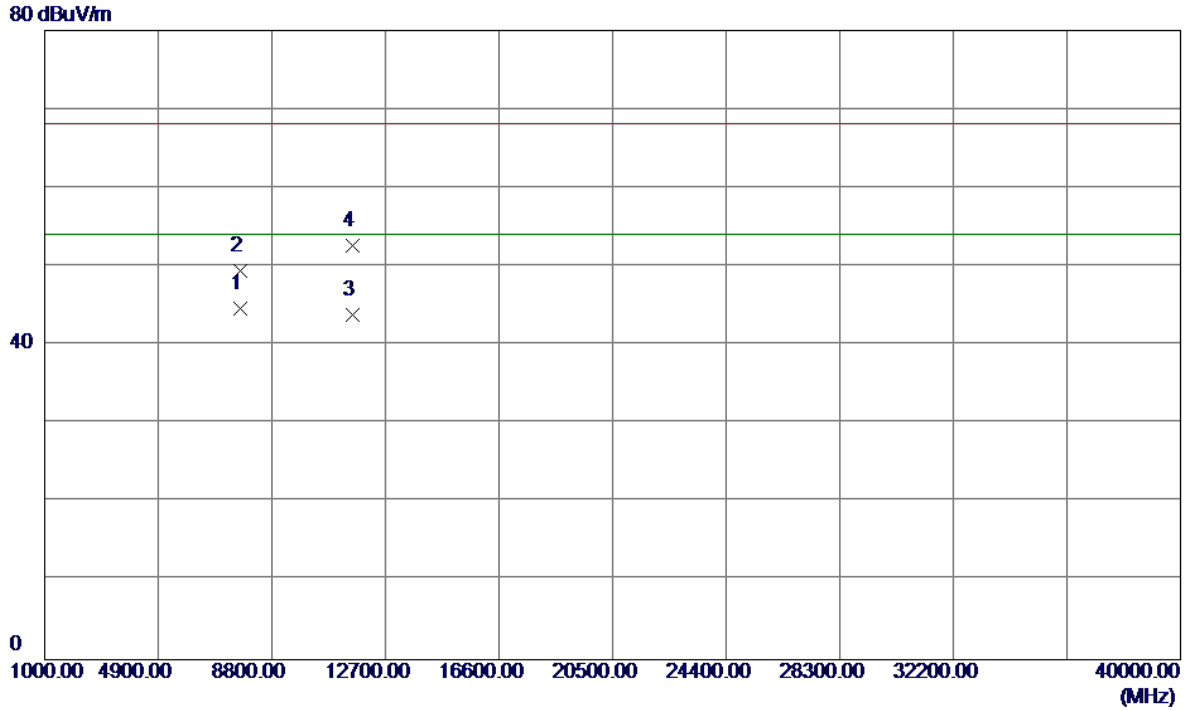
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5779.6000	58.80	42.78	101.58	122.20	-20.62	AVG	
2 *	5788.0500	67.05	42.81	109.86	122.20	-12.34	Peak	

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

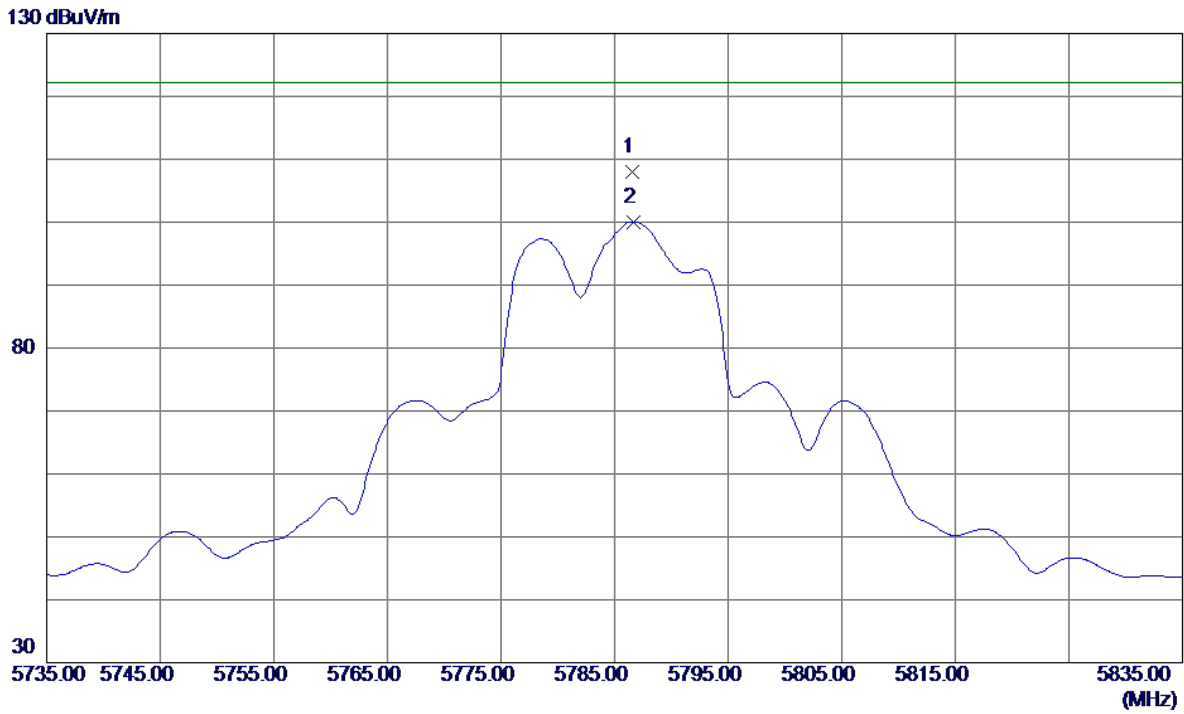
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2650	32.89	11.74	44.63	54.00	-9.37	AVG	
2	7713.2670	37.72	11.74	49.46	68.20	-18.74	Peak	
3	11574.3500	28.40	15.48	43.88	54.00	-10.12	AVG	
4	11579.2500	37.09	15.48	52.57	68.20	-15.63	Peak	

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

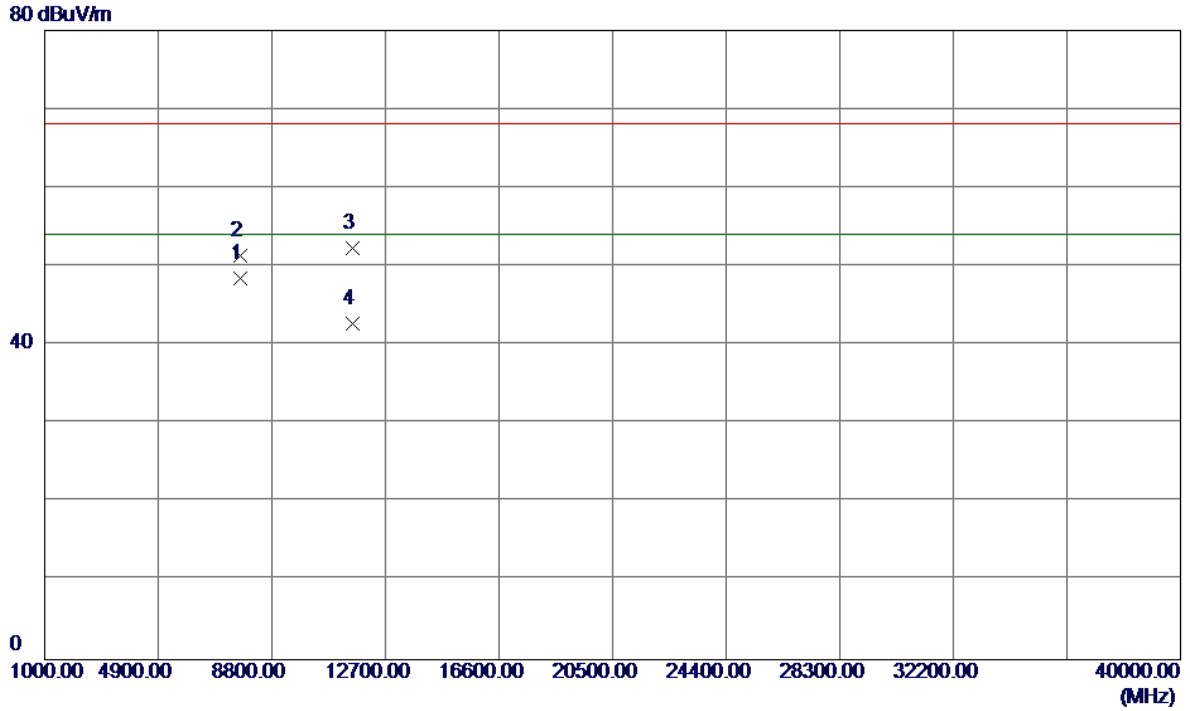
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5786.5500	65.14	42.80	107.94	122.20	-14.26	Peak	
2	5786.6500	57.30	42.80	100.10	122.20	-22.10	AVG	

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

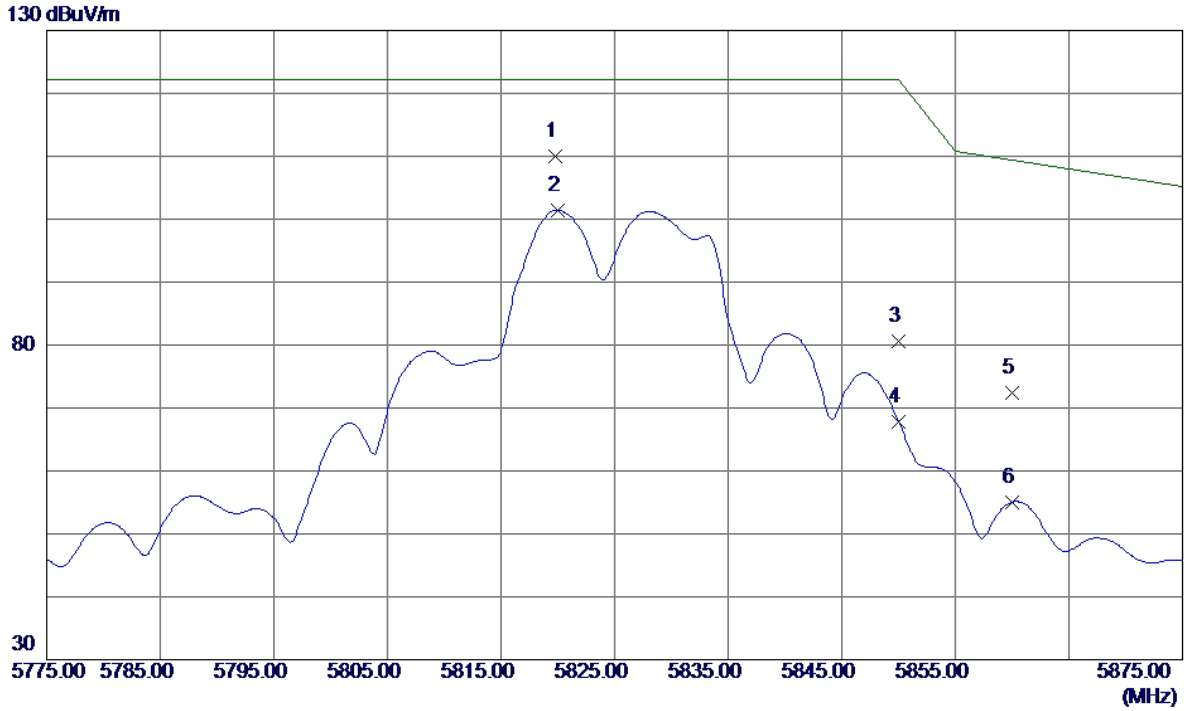
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7713.2860	36.79	11.74	48.53	54.00	-5.47	AVG	
2	7713.3200	39.67	11.74	51.41	68.20	-16.79	Peak	
3	11567.4100	36.83	15.48	52.31	68.20	-15.89	Peak	
4	11568.3600	27.17	15.48	42.65	54.00	-11.35	AVG	

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

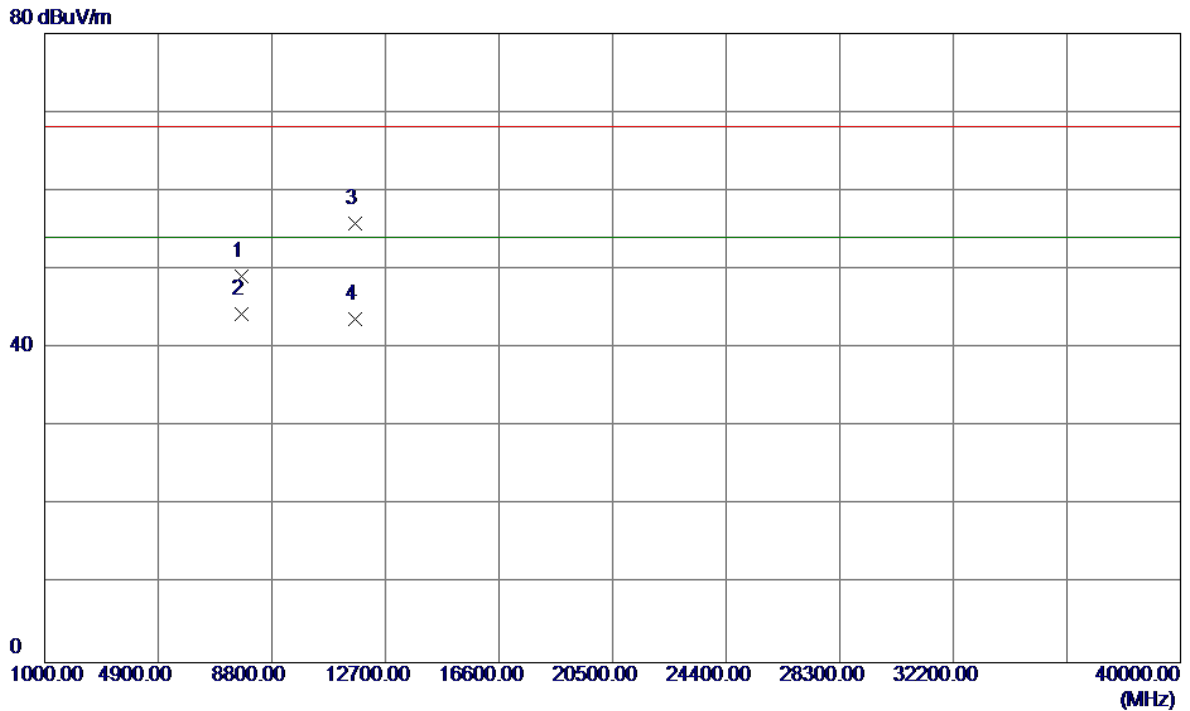
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5819.8000	67.03	42.92	109.95	122.20	-12.25	Peak	
2	5819.9500	58.49	42.92	101.41	122.20	-20.79	AVG	
3	5850.0000	37.62	43.03	80.65	122.20	-41.55	Peak	
4	5850.0000	24.84	43.03	67.87	122.20	-54.33	AVG	
5	5860.0000	29.42	43.06	72.48	109.40	-36.92	Peak	
6	5860.0000	12.01	43.06	55.07	109.40	-54.33	AVG	

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

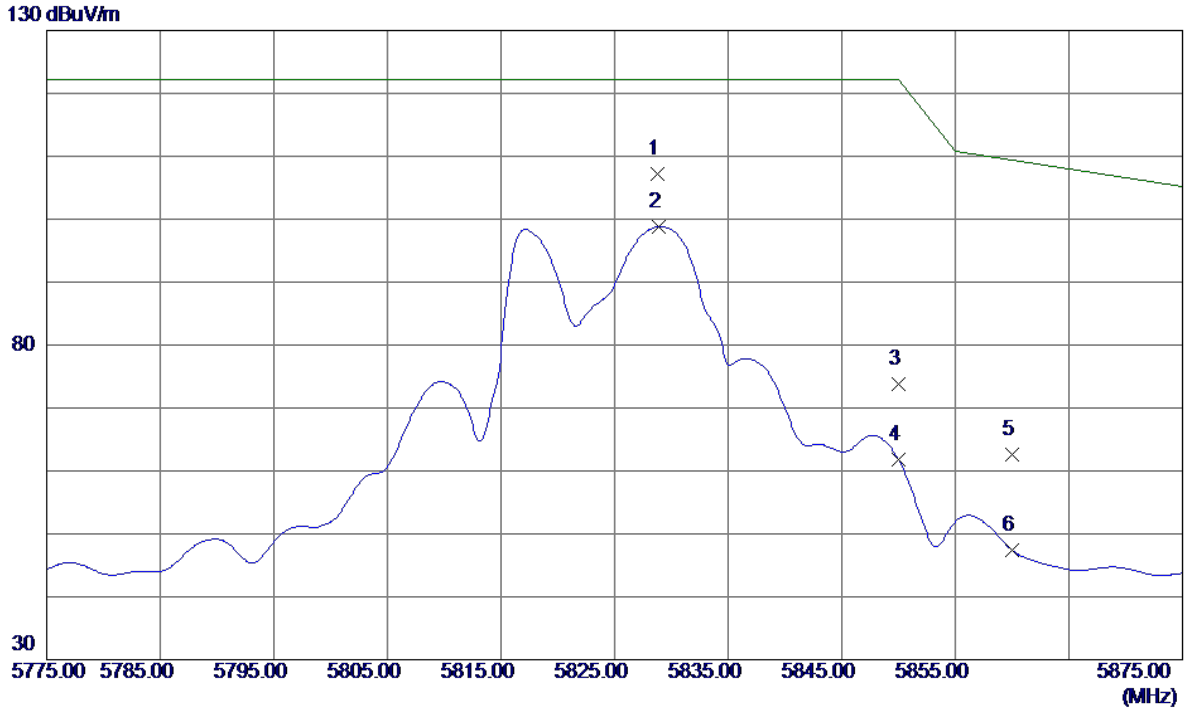
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7766.5970	37.36	11.73	49.09	68.20	-19.11	Peak	
2 *	7766.6200	32.54	11.73	44.27	54.00	-9.73	AVG	
3	11648.3500	40.34	15.48	55.82	68.20	-12.38	Peak	
4	11649.0500	28.26	15.48	43.74	54.00	-10.26	AVG	

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

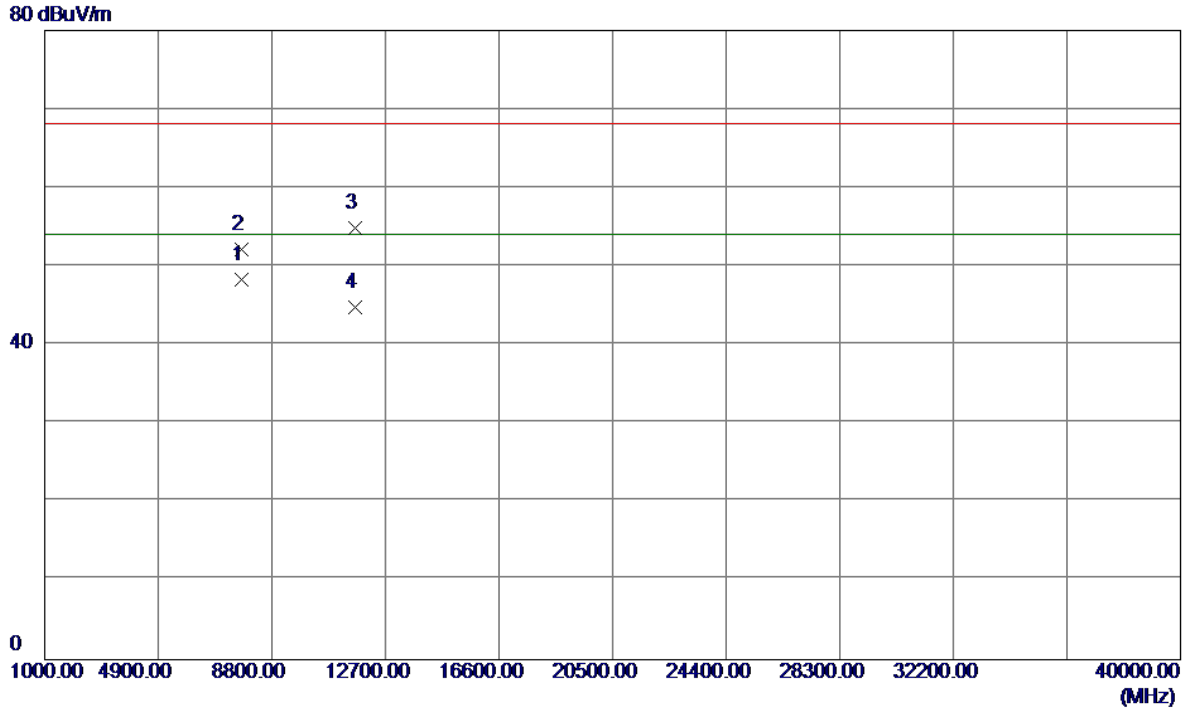
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5828.7500	64.26	42.95	107.21	122.20	-14.99	Peak	
2	5828.8500	55.88	42.95	98.83	122.20	-23.37	AVG	
3	5850.0000	30.82	43.03	73.85	122.20	-48.35	Peak	
4	5850.0000	18.83	43.03	61.86	122.20	-60.34	AVG	
5	5860.0000	19.62	43.06	62.68	109.40	-46.72	Peak	
6	5860.0000	4.36	43.06	47.42	109.40	-61.98	AVG	

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

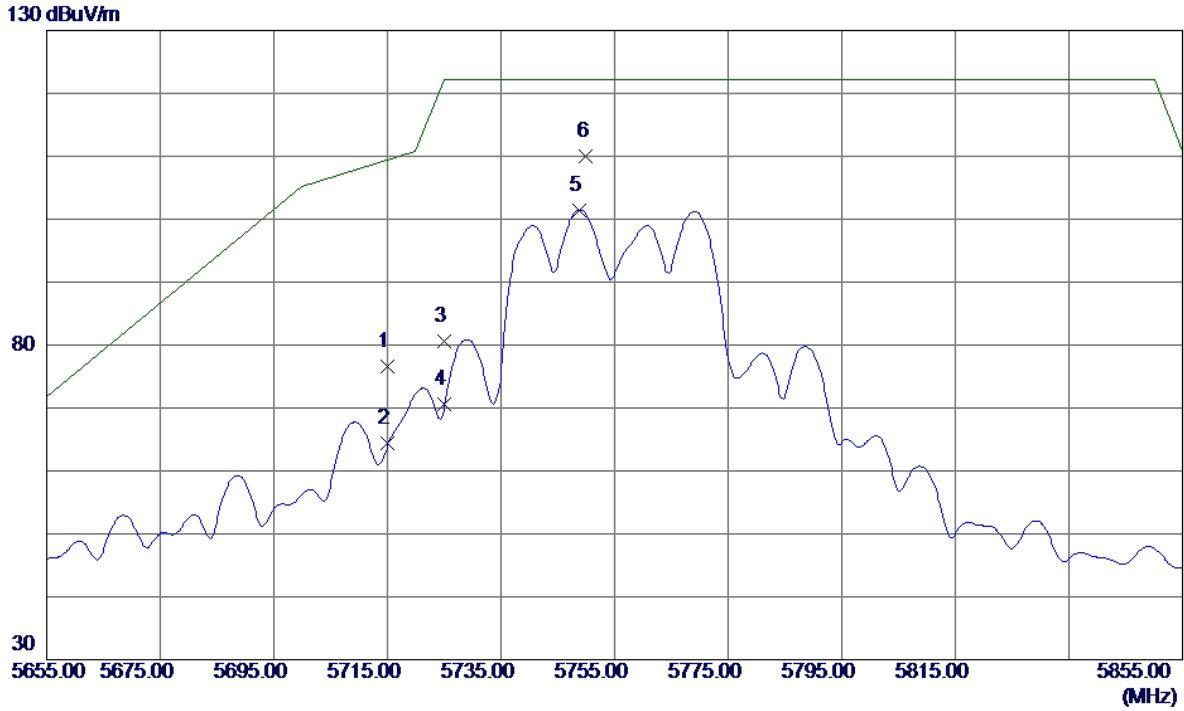
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7766.5980	36.60	11.73	48.33	54.00	-5.67	AVG	
2	7766.5160	40.37	11.73	52.10	68.20	-16.10	Peak	
3	11645.3400	39.41	15.48	54.89	68.20	-13.31	Peak	
4	11646.5199	29.27	15.48	44.75	54.00	-9.25	AVG	

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

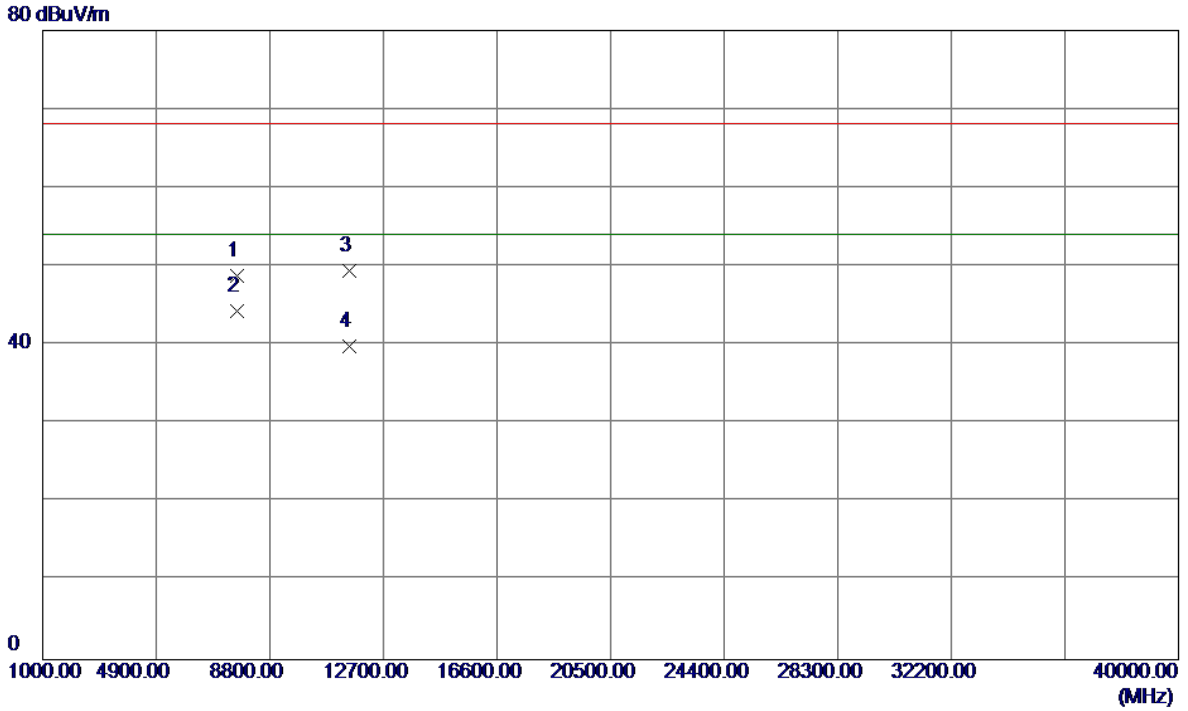
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	34.08	42.55	76.63	109.40	-32.77	Peak	
2	5715.0000	21.77	42.55	64.32	109.40	-45.08	AVG	
3	5725.0000	38.08	42.58	80.66	122.20	-41.54	Peak	
4	5725.0000	28.06	42.58	70.64	122.20	-51.56	AVG	
5	5748.8000	58.80	42.67	101.47	122.20	-20.73	AVG	
6 *	5750.0000	67.23	42.67	109.90	122.20	-12.30	Peak	

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

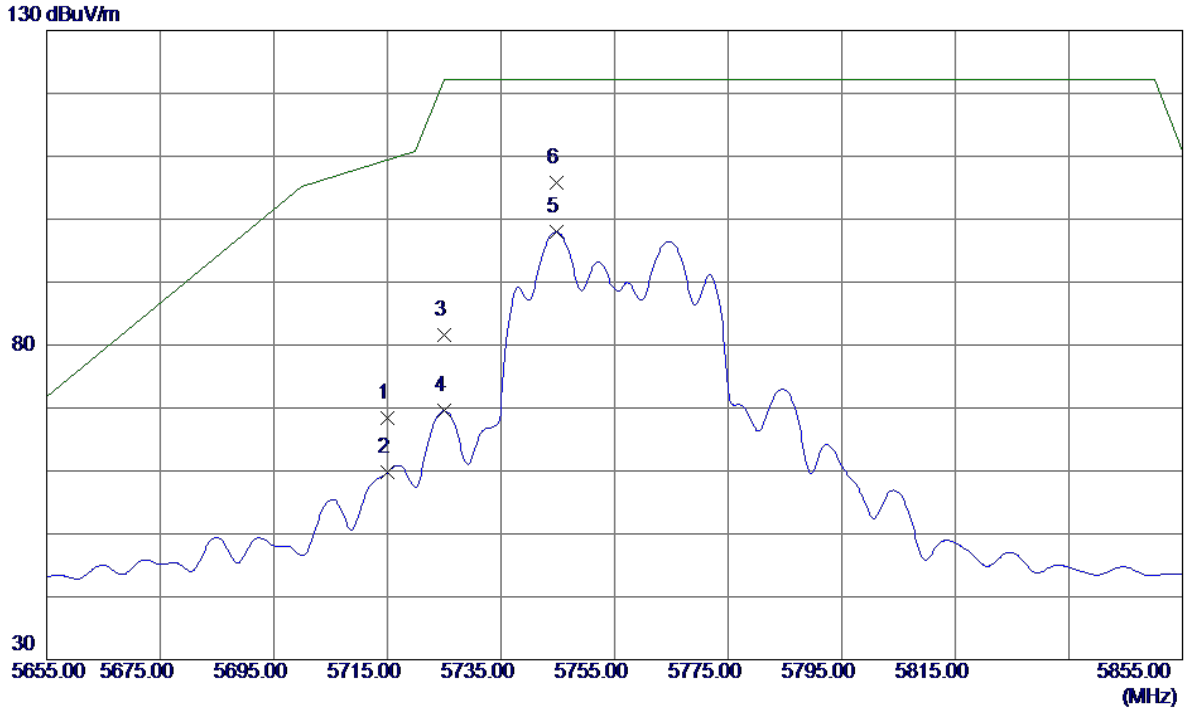
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7673.2900	37.00	11.74	48.74	68.20	-19.46	Peak	
2 *	7673.3500	32.62	11.74	44.36	54.00	-9.64	AVG	
3	11514.2500	33.97	15.48	49.45	68.20	-18.75	Peak	
4	11515.5000	24.33	15.48	39.81	54.00	-14.19	AVG	

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

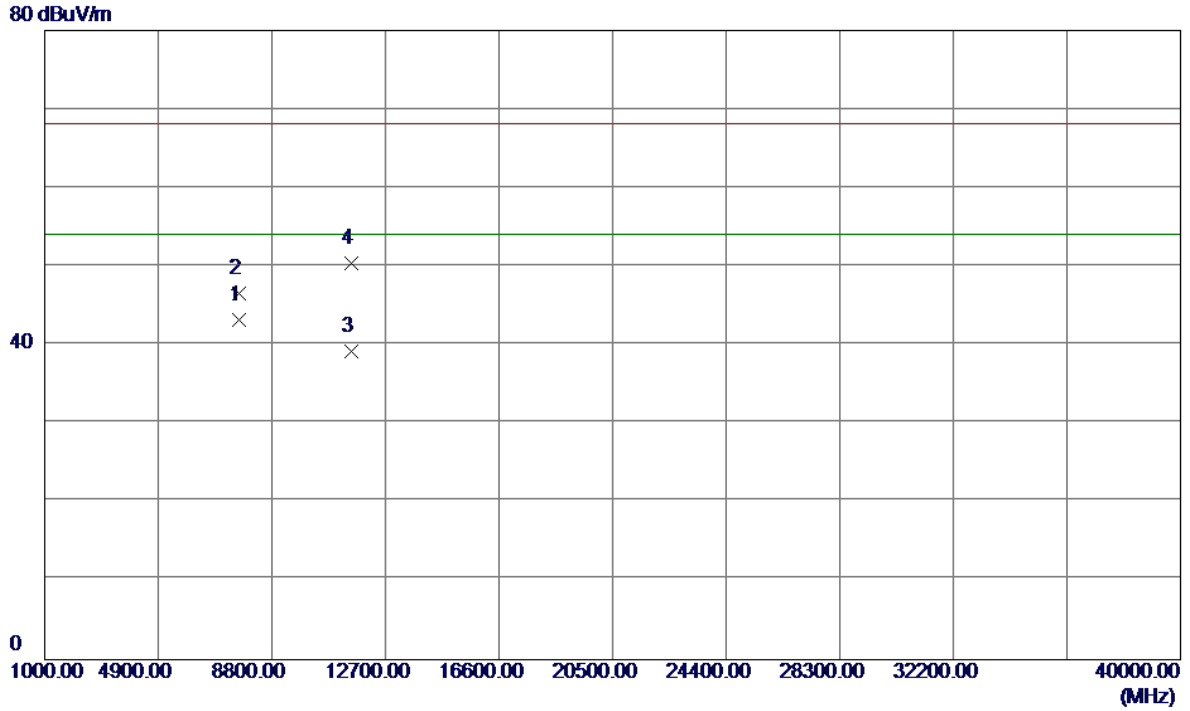
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	25.88	42.55	68.43	109.40	-40.97	Peak	
2	5715.0000	17.31	42.55	59.86	109.40	-49.54	AVG	
3	5725.0000	39.08	42.58	81.66	122.20	-40.54	Peak	
4	5725.0000	26.95	42.58	69.53	122.20	-52.67	AVG	
5	5744.7000	55.32	42.65	97.97	122.20	-24.23	AVG	
6 *	5744.8000	63.22	42.65	105.87	122.20	-16.33	Peak	

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

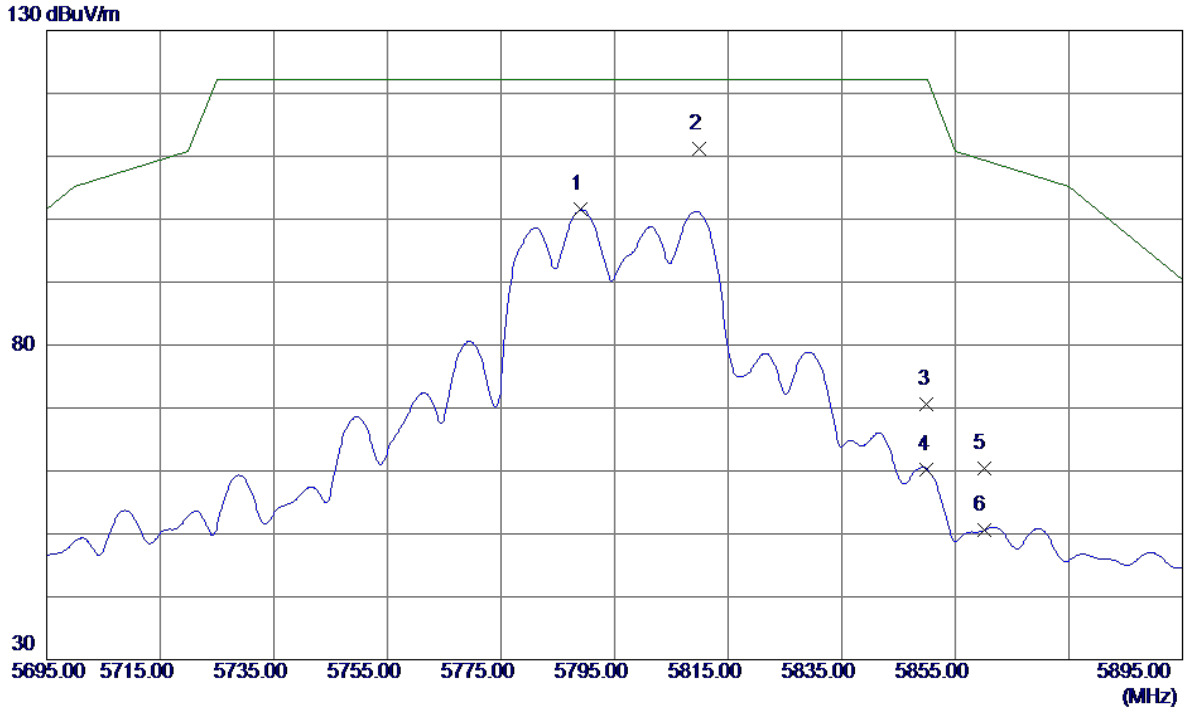
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7673.6300	31.44	11.74	43.18	54.00	-10.82	AVG	
2	7673.7200	34.83	11.74	46.57	68.20	-21.63	Peak	
3	11509.2500	23.73	15.48	39.21	54.00	-14.79	AVG	
4	11510.0000	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

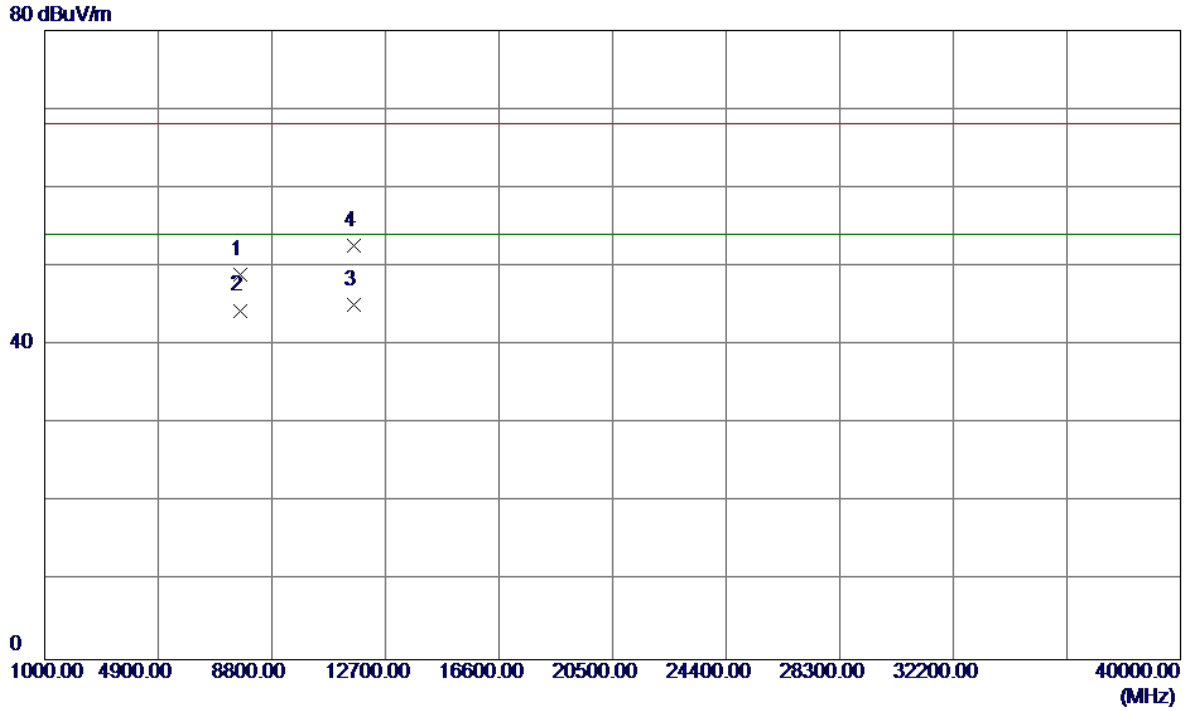
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5789.1000	58.70	42.81	101.51	122.20	-20.69	AVG	
2 *	5809.8000	68.32	42.88	111.20	122.20	-11.00	Peak	
3	5850.0000	27.62	43.03	70.65	122.20	-51.55	Peak	
4	5850.0000	17.19	43.03	60.22	122.20	-61.98	AVG	
5	5860.0000	17.36	43.06	60.42	109.40	-48.98	Peak	
6	5860.0000	7.53	43.06	50.59	109.40	-58.81	AVG	

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

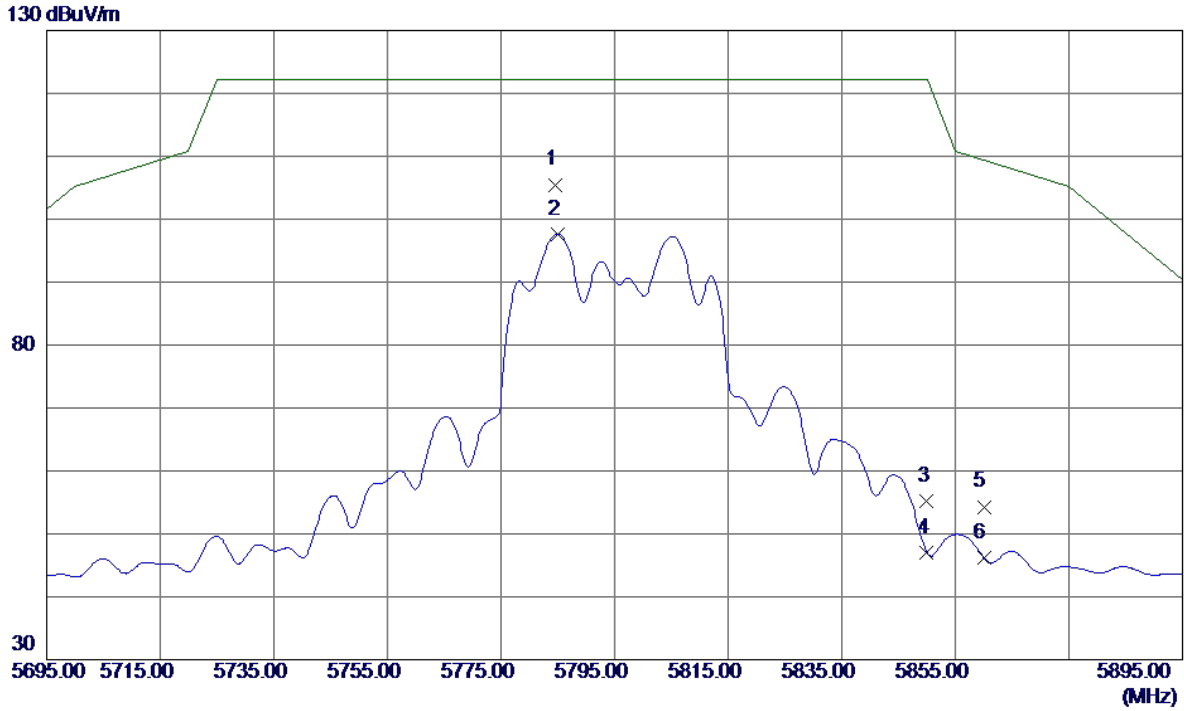
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7726.5830	37.27	11.74	49.01	68.20	-19.19	Peak	
2	7726.6370	32.66	11.74	44.40	54.00	-9.60	AVG	
3 *	11596.2500	29.59	15.48	45.07	54.00	-8.93	AVG	
4	11598.7500	37.22	15.48	52.70	68.20	-15.50	Peak	

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

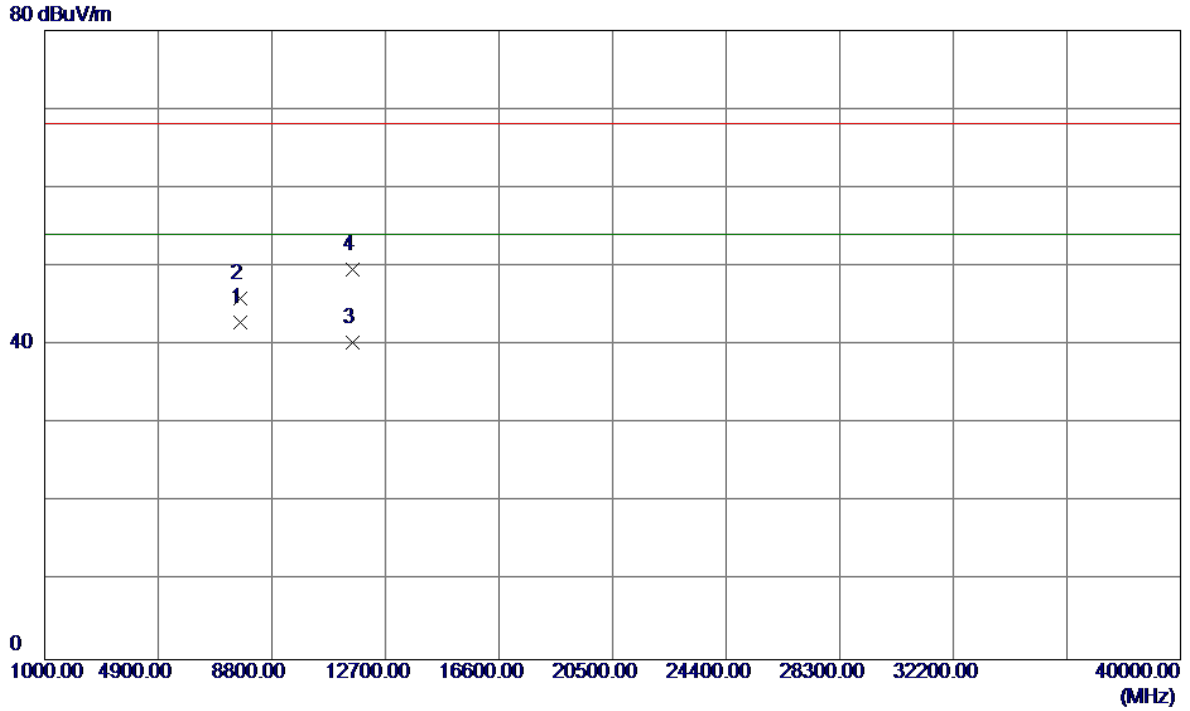
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5784.5000	62.71	42.79	105.50	122.20	-16.70	Peak	
2	5785.0000	54.84	42.79	97.63	122.20	-24.57	AVG	
3	5850.0000	12.20	43.03	55.23	122.20	-66.97	Peak	
4	5850.0000	3.98	43.03	47.01	122.20	-75.19	AVG	
5	5860.0000	11.24	43.06	54.30	109.40	-55.10	Peak	
6	5860.0000	3.15	43.06	46.21	109.40	-63.19	AVG	

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

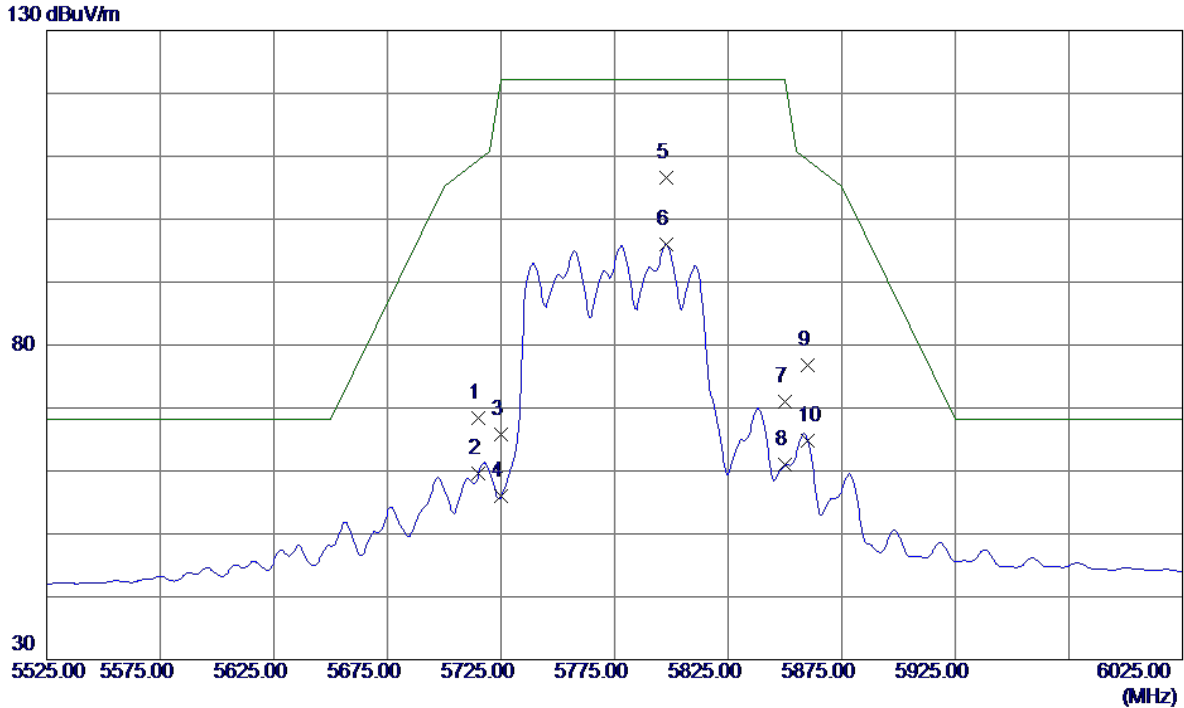
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	7726.3070	31.16	11.74	42.90	54.00	-11.10	AVG	
2	7726.3350	34.12	11.74	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

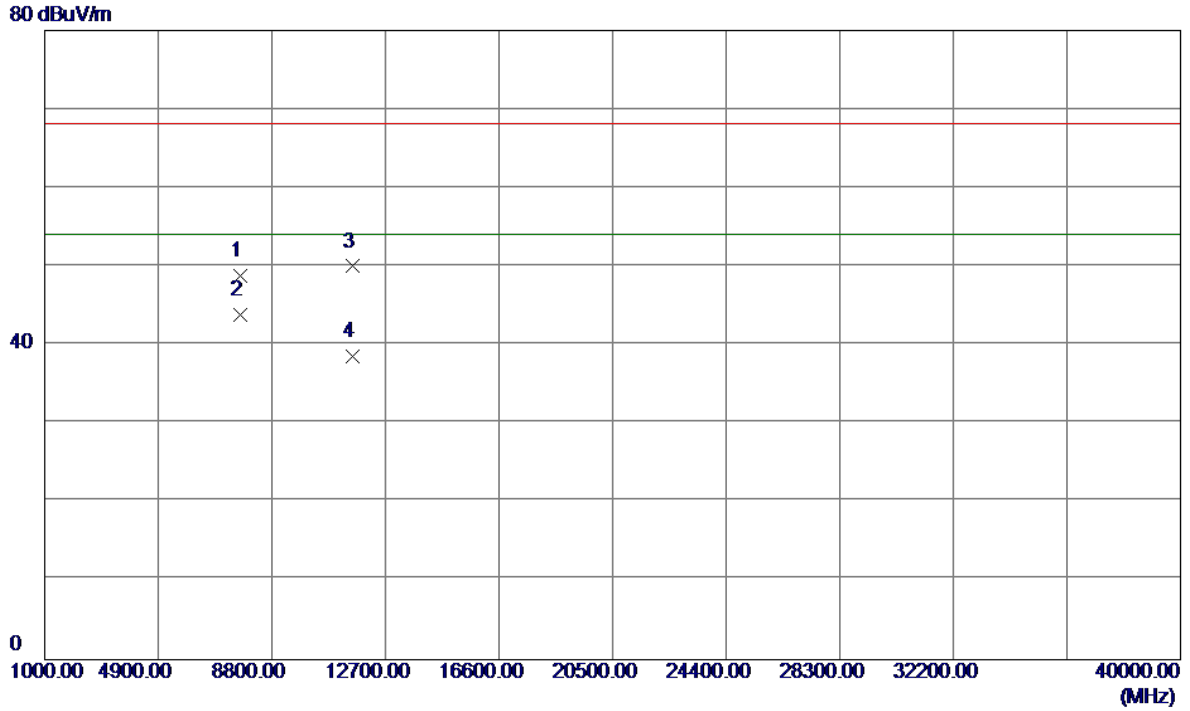
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.0000	25.80	42.55	68.35	109.40	-41.05	Peak	
2	5715.0000	17.11	42.55	59.66	109.40	-49.74	AVG	
3	5725.0000	23.13	42.58	65.71	122.20	-56.49	Peak	
4	5725.0000	13.44	42.58	56.02	122.20	-66.18	AVG	
5 *	5797.7500	63.71	42.84	106.55	122.20	-15.65	Peak	
6	5798.0000	53.17	42.84	96.01	122.20	-26.19	AVG	
7	5850.0000	27.95	43.03	70.98	122.20	-51.22	Peak	
8	5850.0000	17.91	43.03	60.94	122.20	-61.26	AVG	
9	5860.0000	33.79	43.06	76.85	109.40	-32.55	Peak	
10	5860.0000	21.73	43.06	64.79	109.40	-44.61	AVG	

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

Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7699.8820	37.05	11.74	48.79	68.20	-19.41	Peak	
2 *	7699.9620	32.11	11.74	43.85	54.00	-10.15	AVG	
3	11556.0000	34.52	15.48	50.00	68.20	-18.20	Peak	
4	11558.2500	23.13	15.48	38.61	54.00	-15.39	AVG	